

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Maryland: For Review Only

The purpose of presenting these estimates is to provide additional information for State, local, and tribal organization review of the draft 1999 NEI for HAPs posted October 2002. EPA strongly cautions that these model estimates should not be used to draw conclusions about air quality or risk. They should also not be used for comparison with 1996 NATA results to perform trends analysis because, in addition to being draft, changes have been made to emission inventory and processing methodologies.

See www.epa.gov/ttn/chief/net/index.html#1999 for more information on the draft 1999 NEI for HAPs.

Please also note:

- The general approach for emission inventory development and modeling is similar to that used for the National-Scale Assessment for 1996
[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm](http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm)
- The emission processing and modeling procedures utilize 1999 meteorology, 1999 emissions and updated and new spatial information including the 2000 census for population and census tract centroid location
[Background concentrations are the same as those used in the 1996 NATA.](#)
- For formaldehyde and acetaldehyde, secondary contributions were estimated outside of the ASPEN model using the same proportion of secondary to primary concentrations as was used in the 1996 NATA assessment.
- Because the emissions used are from 1999, they do not reflect potentially significant emission reductions that have taken effect since then, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.

DRAFT FOR REVIEW ONLY Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts										Contribution to Average from ...			
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Maryland	Statewide	N/A	N/A	Acetaldehyde	1.29E-01	1.86E-01	3.60E-01	5.92E-01	1.29E+00	1.08E+00	2.34E+00	3.34E+00	6.51E-01	4.76E-02	5.05E-01	9.08E-02	0.00E+00	
Maryland	Statewide	N/A	N/A	Acrolein	2.05E-02	3.22E-02	6.31E-02	1.05E-01	1.08E-01	1.33E-01	1.89E-01	2.30E-01	5.33E-05	1.07E-02	7.64E-02	2.08E-02	0.00E+00	
Maryland	Statewide	N/A	N/A	Acrylonitrile	1.57E-04	2.50E-04	6.01E-04	8.78E-04	1.17E-03	1.29E-03	1.74E-03	2.23E-03	2.92E-04	8.81E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Arsenic Compounds	3.85E-05	5.47E-05	1.05E-04	1.63E-04	1.94E-04	2.39E-04	3.78E-04	4.76E-04	4.17E-05	5.23E-05	8.03E-05	1.94E-05	0.00E+00	
Maryland	Statewide	N/A	N/A	Benzene	7.50E-01	8.48E-01	1.13E+00	1.41E+00	1.59E+00	1.79E+00	2.44E+00	3.26E+00	1.94E-03	1.55E-01	7.73E-01	1.85E-01	4.80E-01	
Maryland	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Beryllium Compounds	3.11E-06	5.45E-06	1.21E-05	1.81E-05	2.23E-05	2.73E-05	4.44E-05	5.46E-05	1.79E-06	1.94E-05	0.00E+00	1.10E-06	0.00E+00	
Maryland	Statewide	N/A	N/A	1,3-Butadiene	9.65E-03	1.43E-02	2.80E-02	4.94E-02	8.17E-02	9.04E-02	1.78E-01	2.94E-01	2.96E-06	1.50E-04	6.45E-02	1.70E-02	0.00E+00	
Maryland	Statewide	N/A	N/A	Cadmium Compounds	4.65E-06	1.36E-05	4.06E-05	8.45E-05	1.45E-04	1.43E-04	2.23E-04	2.69E-04	4.94E-05	9.39E-05	0.00E+00	1.74E-06	0.00E+00	
Maryland	Statewide	N/A	N/A	Carbon Disulfide	4.74E-02	4.78E-02	4.89E-02	4.96E-02	5.13E-02	5.08E-02	5.42E-02	5.82E-02	6.45E-04	3.61E-03	0.00E+00	0.00E+00	4.70E-02	
Maryland	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	7.75E-05	8.92E-04	0.00E+00	0.00E+00	8.80E-01	
Maryland	Statewide	N/A	N/A	Chloroform	8.82E-02	9.43E-02	1.13E-01	1.36E-01	1.40E-01	1.58E-01	1.85E-01	2.02E-01	1.94E-04	5.66E-02	0.00E+00	0.00E+00	8.30E-02	
Maryland	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	3.16E-05	8.85E-05	1.56E-04	2.49E-04	4.05E-04	4.32E-04	7.23E-04	1.03E-03	1.41E-04	1.88E-04	7.02E-05	5.65E-06	0.00E+00	
Maryland	Statewide	N/A	N/A	Chromium VI	9.68E-06	2.40E-05	4.19E-05	6.04E-05	1.03E-04	1.06E-04	2.13E-04	3.07E-04	2.08E-05	5.19E-05	2.81E-05	1.92E-06	0.00E+00	
Maryland	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	1,4-Dichlorobenzene	7.18E-03	1.31E-02	3.20E-02	5.55E-02	6.32E-02	8.07E-02	1.23E-01	1.53E-01	7.17E-05	6.31E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	1,3-Dichloropropene	1.30E-02	2.30E-02	5.79E-02	1.02E-01	1.17E-01	1.50E-01	2.30E-01	2.82E-01	7.10E-09	1.17E-01	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.72E-03	7.73E-03	7.74E-03	7.76E-03	7.79E-03	1.61E-07	3.32E-05	0.00E+00	0.00E+00	7.70E-03	
Maryland	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.11E-02	6.12E-02	6.12E-02	7.46E-05	8.17E-05	0.00E+00	0.00E+00	6.10E-02	
Maryland	Statewide	N/A	N/A	Ethylene Oxide	1.33E-03	2.09E-03	5.94E-03	1.01E-02	1.33E-02	1.62E-02	2.85E-02	3.68E-02	1.12E-05	1.33E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Formaldehyde	3.74E-01	4.46E-01	6.50E-01	8.87E-01	1.02E+00	1.17E+00	1.67E+00	2.34E+00	4.73E-03	2.06E-02	5.66E-01	1.78E-01	2.50E-01	
Maryland	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.31E-05	9.32E-05	9.37E-05	9.40E-05	9.43E-05	9.52E-05	9.61E-05	7.38E-07	2.85E-07	0.00E+00	0.00E+00	9.30E-05	
Maryland	Statewide	N/A	N/A	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.87E-03	1.90E-03	1.92E-03	1.98E-03	2.07E-03	0.00E+00	9.79E-05	0.00E+00	0.00E+00	1.80E-03	
Maryland	Statewide	N/A	N/A	Hexamethylene Diisocyanate	3.58E-09	2.12E-07	3.14E-05	7.11E-05	1.02E-04	1.13E-04	1.66E-04	3.13E-04	5.96E-06	9.62E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Hydrazine	4.04E-10	1.53E-09	5.06E-09	1.96E-08	7.68E-08	5.29E-08	1.23E-07	2.94E-07	3.10E-09	7.37E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Lead Compounds	7.06E-04	1.00E-03	1.48E-03	2.07E-03	3.73E-03	4.10E-03	7.77E-03	1.06E-02	3.94E-04	1.34E-03	0.00E+00	2.00E-03	0.00E+00	
Maryland	Statewide	N/A	N/A	Manganese Compounds	3.70E-05	1.18E-04	4.03E-04	1.71E-03	3.45E-03	3.83E-03	6.86E-03	1.20E-02	1.58E-03	1.84E-03	2.25E-05	9.32E-06	0.00E+00	
Maryland	Statewide	N/A	N/A	Mercury Compounds	1.53E-03	1.55E-03	1.63E-03	1.72E-03	2.16E-03	2.04E-03	2.82E-03	3.69E-03	4.66E-04	9.97E-05	7.73E-05	1.78E-05	1.50E-03	
Maryland	Statewide	N/A	N/A	Methylene Chloride	1.78E-01	2.07E-01	3.02E-01	4.05E-01	4.66E-01	5.35E-01	7.47E-01	9.42E-01	1.17E-02	3.40E-01	0.00E+00	0.00E+00	1.50E-01	
Maryland	Statewide	N/A	N/A	Nickel Compounds	1.08E-04	1.85E-04	4.29E-04	7.96E-04	1.33E-03	1.43E-03	2.88E-03	4.44E-03	5.90E-04	4.90E-04	5.20E-05	2.01E-04	0.00E+00	
Maryland	Statewide	N/A	N/A	Perchloroethylene	1.51E-01	1.59E-01	1.89E-01	2.42E-01	2.59E-01	2.96E-01	3.70E-01	4.33E-01	2.63E-03	1.17E-01	0.00E+00	0.00E+00	1.40E-01	
Maryland	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	3.93E-04	4.12E-04	4.11E-04	4.55E-04	5.14E-04	9.61E-08	3.20E-05	0.00E+00	0.00E+00	3.80E-04	
Maryland	Statewide	N/A	N/A	Polycyclic Organic Matter	1.41E-02	2.50E-02	4.19E-02	5.56E-02	7.60E-02	8.81E-02	1.46E-01	1.79E-01	1.90E-02	3.04E-02	2.20E-02	4.63E-03	0.00E+00	
Maryland	Statewide	N/A	N/A	7-PAH	6.50E-04	9.94E-04	1.36E-03	1.64E-03	1.90E-03	2.05E-03	2.80E-03	3.74E-03	1.80E-05	1.68E-03	1.45E-04	5.72E-05	0.00E+00	
Maryland	Statewide	N/A	N/A	Propylene Dichloride	8.08E-06	1.17E-05	2.59E-05	3.52E-05	5.14E-05	5.08E-05	7.63E-05	1.04E-04	1.75E-05	3.39E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Quinoline	8.56E-09	3.08E-08	5.64E-08	1.53E-07	2.85E-07	3.16E-07	5.27E-07	8.37E-07	0.00E+00	2.85E-07	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	5.85E-05	8.40E-05	1.81E-04	2.65E-04	3.90E-04	3.82E-04	5.82E-04	8.21E-04	1.60E-04	2.30E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Statewide	N/A	N/A	Trichloroethylene	8.49E-02	8.87E-02	1.02E-01	1.20E-01	1.49E-01	1.45E-01	1.97E-01	2.68E-01	1.92E-02	4.90E-02	0.00E+00	0.00E+00	8.10E-02	
Maryland	Statewide	N/A	N/A	Vinyl Chloride	1.60E-04	2.62E-04	7.14E-04	1.11E-03	1.57E-03	1.72E-03	2.27E-03	3.39E-03	5.85E-04	9.89E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	All Urban Counties	N/A	U	Acetaldehyde	2.07E-01	2.77E-01	4.34E-01	6.27E-01	1.41E+00	1.15E+00	2.47E+00	3.65E+00	7.12E-01	5.18E-02	5.46E-01	9.71E-02	0.00E+00	
Maryland	All Urban Counties	N/A	U	Acrolein	3.46E-02	4.78E-02	7.84E-02	1.10E-01	1.16E-01	1.38E-01	1.95E-01	2.36E-01	4.42E-05	1.13E-02	8.26E-02	2.24E-02	0.00E+00	
Maryland	All Urban Counties	N/A	U	Acrylonitrile	2.70E-04	4.28E-04	6.90E-04	9.32E-04	1.25E-03	1.31E-03	1.79E-03	2.25E-03	3.18E-04	9.28E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	All Urban Counties	N/A	U	Arsenic Compounds	6.09E-05	8.50E-05	1.26E-04	1.69E-04	2.07E-04	2.46E-04	3.84E-04	4.83E-04	4.26E-05	5.68E-05	8.64E-05	2.08E-05	0.00E+00	
Maryland	All Urban Counties	N/A	U	Benzene	8.65E-01	9.69E-01	1.22E+00	1.44E+00	1.67E+00	1.84E+00	2.54E+00	3.41E+00	2.12E-03	1.61E-01	8.31E-01	1.95E-01	4.80E-01	
Maryland	All Urban Counties	N/A	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	All Urban Counties	N/A	U	Beryllium Compounds	6.28E-06	8.89E-06	1.43E-05	1.92E-05	2.39E-05	2.90E-05	4.58E-05	5.55E-05	1.76E-06	2.10E-05	0.00E+00	1.17E-06	0.00E+00	
Maryland	All Urban Counties	N/A	U	1,3-Butadiene	1.37E-02	1.91E-02	3.32E-02	5.24E-02	8.77E-02	9.72E-02	1.88E-01	3.03E-01	2.24E-06	1.04E-04	6.94E-02	1.82E-02	0.00E+00	

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Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts							Contribution to Average from ...					
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Maryland	All Urban Counties	N/A	U	Cadmium Compounds	2.31E-05	3.13E-05	5.18E-05	9.40E-05	1.58E-04	1.49E-04	2.26E-04	2.76E-04	5.35E-05	1.03E-04	0.00E+00	1.88E-06	0.00E+00
Maryland	All Urban Counties	N/A	U	Carbon Disulfide	4.80E-02	4.84E-02	4.90E-02	4.97E-02	5.16E-02	5.10E-02	5.46E-02	5.84E-02	6.69E-04	3.90E-03	0.00E+00	0.00E+00	4.70E-02
Maryland	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	7.95E-05	9.65E-04	0.00E+00	0.00E+00	8.80E-01
Maryland	All Urban Counties	N/A	U	Chloroform	9.54E-02	1.04E-01	1.18E-01	1.41E-01	1.44E-01	1.61E-01	1.87E-01	2.04E-01	1.28E-04	6.11E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	1.09E-04	1.33E-04	1.74E-04	2.66E-04	4.29E-04	4.52E-04	7.36E-04	1.04E-03	1.42E-04	2.04E-04	7.59E-05	6.12E-06	0.00E+00
Maryland	All Urban Counties	N/A	U	Chromium VI	2.78E-05	3.48E-05	4.52E-05	6.51E-05	1.10E-04	1.14E-04	2.25E-04	3.07E-04	2.21E-05	5.63E-05	3.04E-05	2.08E-06	0.00E+00
Maryland	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	1,4-Dichlorobenzene	1.40E-02	2.07E-02	3.88E-02	5.89E-02	6.83E-02	8.51E-02	1.25E-01	1.57E-01	7.68E-05	6.82E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	1,3-Dichloropropene	2.50E-02	3.73E-02	6.96E-02	1.08E-01	1.27E-01	1.57E-01	2.33E-01	2.95E-01	7.82E-09	1.27E-01	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.72E-03	7.73E-03	7.74E-03	7.74E-03	7.76E-03	7.80E-03	1.77E-07	3.63E-05	0.00E+00	0.00E+00	7.70E-03
Maryland	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.11E-02	6.12E-02	6.13E-02	7.79E-05	8.37E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	All Urban Counties	N/A	U	Ethylene Oxide	2.10E-03	3.45E-03	7.19E-03	1.08E-02	1.43E-02	1.75E-02	2.93E-02	3.82E-02	1.18E-05	1.43E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	Formaldehyde	4.65E-01	5.44E-01	7.35E-01	9.14E-01	1.08E+00	1.21E+00	1.74E+00	2.38E+00	5.11E-03	2.07E-02	6.13E-01	1.92E-01	2.50E-01
Maryland	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.32E-05	9.38E-05	9.41E-05	9.44E-05	9.52E-05	9.62E-05	8.03E-07	2.53E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	All Urban Counties	N/A	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.84E-03	1.87E-03	1.91E-03	1.93E-03	1.99E-03	2.08E-03	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.80E-03
Maryland	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	3.15E-07	1.53E-05	4.19E-05	7.68E-05	1.11E-04	1.16E-04	1.74E-04	3.39E-04	6.55E-06	1.04E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	Hydrazine	1.56E-09	3.04E-09	6.80E-09	2.51E-08	8.34E-08	5.70E-08	1.34E-07	3.06E-07	3.35E-09	8.00E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	Lead Compounds	1.02E-03	1.24E-03	1.59E-03	2.17E-03	3.96E-03	4.38E-03	7.98E-03	1.10E-02	4.27E-04	1.45E-03	0.00E+00	2.08E-03	0.00E+00
Maryland	All Urban Counties	N/A	U	Manganese Compounds	1.61E-04	2.12E-04	7.05E-04	2.03E-03	3.74E-03	3.99E-03	7.10E-03	1.24E-02	1.71E-03	2.00E-03	2.44E-05	1.02E-05	0.00E+00
Maryland	All Urban Counties	N/A	U	Mercury Compounds	1.56E-03	1.59E-03	1.66E-03	1.75E-03	2.22E-03	2.09E-03	2.89E-03	3.86E-03	5.13E-04	1.08E-04	8.29E-05	1.92E-05	1.50E-03
Maryland	All Urban Counties	N/A	U	Methylene Chloride	2.18E-01	2.49E-01	3.31E-01	4.22E-01	4.91E-01	5.51E-01	7.71E-01	9.58E-01	1.21E-02	3.28E-01	0.00E+00	0.00E+00	1.50E-01
Maryland	All Urban Counties	N/A	U	Nickel Compounds	2.03E-04	2.95E-04	5.40E-04	8.43E-04	1.44E-03	1.49E-03	3.08E-03	4.65E-03	6.31E-04	5.29E-04	5.62E-05	2.21E-04	0.00E+00
Maryland	All Urban Counties	N/A	U	Perchloroethylene	1.58E-01	1.69E-01	2.04E-01	2.47E-01	2.68E-01	3.02E-01	3.77E-01	4.42E-01	2.59E-03	1.25E-01	0.00E+00	0.00E+00	1.40E-01
Maryland	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	3.92E-04	4.08E-04	4.03E-04	4.46E-04	5.02E-04	1.06E-07	2.81E-05	0.00E+00	0.00E+00	3.80E-04
Maryland	All Urban Counties	N/A	U	Polycyclic Organic Matter	3.01E-02	3.62E-02	4.51E-02	5.87E-02	8.18E-02	9.66E-02	1.49E-01	1.81E-01	2.09E-02	3.22E-02	2.38E-02	5.00E-03	0.00E+00
Maryland	All Urban Counties	N/A	U	7-PAH	1.04E-03	1.20E-03	1.42E-03	1.68E-03	2.00E-03	2.13E-03	2.91E-03	3.93E-03	1.98E-05	1.72E-03	1.57E-04	6.08E-05	0.00E+00
Maryland	All Urban Counties	N/A	U	Propylene Dichloride	1.25E-05	1.97E-05	2.89E-05	3.67E-05	5.39E-05	5.19E-05	7.87E-05	1.06E-04	1.91E-05	3.48E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	Quinoline	3.09E-08	4.13E-08	6.61E-08	1.87E-07	3.08E-07	3.27E-07	5.50E-07	8.66E-07	0.00E+00	3.08E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	1,1,1,2,2-Tetrachloroethane	8.50E-05	1.31E-04	2.11E-04	2.73E-04	4.07E-04	3.94E-04	5.85E-04	8.26E-04	1.75E-04	3.31E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	All Urban Counties	N/A	U	Trichloroethylene	8.73E-02	9.21E-02	1.05E-01	1.22E-01	1.41E-01	1.46E-01	1.95E-01	2.58E-01	6.98E-03	5.30E-02	0.00E+00	0.00E+00	8.10E-02
Maryland	All Urban Counties	N/A	U	Vinyl Chloride	2.82E-04	5.10E-04	7.55E-04	1.20E-03	1.67E-03	1.76E-03	2.33E-03	3.40E-03	6.30E-04	1.04E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	Acetaldehyde	5.43E-02	6.88E-02	9.50E-02	1.36E-01	1.83E-01	1.96E-01	2.94E-01	3.95E-01	4.32E-02	6.93E-03	1.04E-01	2.89E-02	0.00E+00
Maryland	All Rural Counties	N/A	R	Acrolein	1.16E-02	1.34E-02	1.48E-02	2.23E-02	2.59E-02	3.44E-02	4.89E-02	5.24E-02	1.42E-04	5.38E-03	1.51E-02	5.31E-03	0.00E+00
Maryland	All Rural Counties	N/A	R	Acrylonitrile	4.49E-05	6.94E-05	1.05E-04	1.80E-04	4.50E-04	4.05E-04	8.11E-04	1.32E-03	3.50E-05	4.15E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	Arsenic Compounds	9.09E-06	1.49E-05	2.02E-05	4.05E-05	6.62E-05	6.69E-05	9.78E-05	1.78E-04	3.23E-05	8.37E-06	2.02E-05	5.33E-06	0.00E+00
Maryland	All Rural Counties	N/A	R	Benzene	6.23E-01	6.35E-01	6.62E-01	7.65E-01	8.55E-01	9.48E-01	1.28E+00	1.45E+00	2.12E-04	9.58E-02	1.96E-01	8.38E-02	4.80E-01
Maryland	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	Beryllium Compounds	7.21E-07	1.09E-06	1.52E-06	3.33E-06	6.00E-06	6.42E-06	1.25E-05	1.81E-05	2.15E-06	3.51E-06	0.00E+00	3.41E-07	0.00E+00
Maryland	All Rural Counties	N/A	R	1,3-Butadiene	5.04E-03	5.56E-03	7.42E-03	1.35E-02	2.28E-02	2.71E-02	5.69E-02	7.30E-02	1.01E-05	6.08E-04	1.70E-02	5.16E-03	0.00E+00
Maryland	All Rural Counties	N/A	R	Cadmium Compounds	1.38E-06	1.86E-06	2.47E-06	4.62E-06	1.38E-05	8.04E-06	1.85E-05	2.39E-05	8.18E-06	5.23E-06	0.00E+00	3.56E-07	0.00E+00
Maryland	All Rural Counties	N/A	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.82E-02	4.79E-02	4.97E-02	5.18E-02	4.12E-04	7.68E-04	0.00E+00	0.00E+00	4.70E-02
Maryland	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	5.70E-05	1.70E-04	0.00E+00	0.00E+00	8.80E-01
Maryland	All Rural Counties	N/A	R	Chloroform	8.39E-02	8.45E-02	8.54E-02	8.87E-02	9.59E-02	9.86E-02	1.18E-01	1.31E-01	8.40E-04	1.21E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	8.11E-06	1.03E-05	1.66E-05	2.98E-05	1.74E-04	6.05E-05	3.14E-04	6.28E-04	1.29E-04	2.97E-05	1.39E-05	1.02E-06	0.00E+00
Maryland	All Rural Counties	N/A	R	Chromium VI	2.82E-06	3.52E-06	6.13E-06	9.79E-06	3.25E-05	2.29E-05	5.49E-05	1.06E-04	1.79E-05	8.70E-06	5.55E-06	3.48E-07	0.00E+00
Maryland	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	1,4-Dichlorobenzene	2.32E-03	3.21E-03	4.22E-03	8.09E-03	1.26E-02	1.55E-02	3.06E-02	4.03E-02	2.18E-05	1.26E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	1,3-Dichloropropene	4.26E-03	5.89E-03	7.46E-03	1.48E-02	2.35E-02	2.90E-02	5.78E-02	7.64E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	8.42E-09	2.36E-06	0.00E+00	0.00E+00	7.70E-03
Maryland	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.14E-02	4.19E-05	6.14E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	All Rural Counties	N/A	R	Ethylene Oxide	4.32E-04	5.61E-04	7.32E-04	1.59E-03	2.71E-03	3.08E-03	7.14E-03	1.02E-02	5.37E-06	2.70E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	Formaldehyde	3.10E-01	3.15E-01	3.39E-01	3.83E-01	4.20E-01	4.63E-01	5.87E-01	6.50E-01	9.90E-04	2.02E-02	1.07E-01	4.23E-02	2.50E-01
Maryland	All Rural Counties	N/A	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.38E-05	9.47E-05	9.50E-05	9.86E-08	6.06E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	All Rural Counties	N/A	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.81E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.29E-06	0.00E+00	0.00E+00	1.80E-03
Maryland	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	5.50E-08	1.52E-05	6.77E-06	2.88E-05	4.73E-05	1.40E-07	1.50E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	Hydrazine	3.51E-14	2.03E-11	1.18E-10	7.77E-10	1.13E-08	4.95E-09	1.27E-08	3.99E-08	6.44E-10	1.07E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	All Rural Counties	N/A	R	Lead Compounds	2.14E-04	3.16E-04	4.27E-04	7.50E-04	1.45E-03	1.62E-03	3.38E-03	5.59E-03	6.39E-05	1.66E-04	0.00E+00	1.21E-03	0.00E+00
Maryland	All Rural Counties	N/A	R	Manganese Compounds	9.19E-06	1.42E-05	2.01E-05	4.23E-05	5.40E-04	8.4							

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Maryland	All Rural Counties	N/A	R	7-PAH	2.98E-04	3.76E-04	4.57E-04	6.57E-04	8.50E-04	1.10E-03	1.58E-03	1.94E-03	5.25E-08	7.97E-04	3.18E-05	2.13E-05	0.00E+00	
Maryland	All Rural Counties	N/A	R	Propylene Dichloride	2.30E-06	4.14E-06	6.42E-06	8.97E-06	2.63E-05	1.80E-05	5.12E-05	8.36E-05	9.12E-07	2.54E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	All Rural Counties	N/A	R	Quinoline	7.37E-13	3.56E-10	3.48E-09	1.51E-08	5.76E-08	7.04E-08	1.24E-07	1.87E-07	0.00E+00	5.76E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.80E-05	3.28E-05	5.01E-05	7.01E-05	2.21E-04	1.45E-04	4.44E-04	7.13E-04	8.35E-06	2.13E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	All Rural Counties	N/A	R	Trichloroethylene	8.20E-02	8.23E-02	8.33E-02	9.02E-02	2.31E-01	1.21E-01	2.53E-01	7.05E-01	1.40E-01	9.72E-03	0.00E+00	0.00E+00	8.10E-02	
Maryland	All Rural Counties	N/A	R	Vinyl Chloride	4.46E-05	8.23E-05	1.26E-04	1.83E-04	6.69E-04	3.77E-04	1.40E-03	2.10E-03	1.43E-04	5.26E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Acetaldehyde	9.33E-02	9.91E-02	1.40E-01	1.74E-01	2.17E-01	3.01E-01	3.46E-01	3.95E-01	1.78E-02	1.22E-02	1.72E-01	1.56E-02	0.00E+00	
Maryland	Allegany County	24001	R	Acrolein	2.46E-02	2.52E-02	2.95E-02	4.01E-02	4.02E-02	5.10E-02	5.40E-02	5.52E-02	1.84E-04	1.29E-02	2.49E-02	2.25E-03	0.00E+00	
Maryland	Allegany County	24001	R	Acrylonitrile	9.82E-05	1.19E-04	1.37E-04	2.45E-04	6.08E-04	4.33E-04	6.97E-04	1.48E-03	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Arsenic Compounds	2.20E-05	2.30E-05	2.63E-05	5.85E-05	5.35E-05	7.50E-05	8.43E-05	8.80E-05	4.76E-06	9.84E-06	3.39E-05	5.06E-06	0.00E+00	
Maryland	Allegany County	24001	R	Benzene	7.16E-01	7.18E-01	7.50E-01	9.28E-01	1.07E+00	1.34E+00	1.46E+00	1.48E+00	4.12E-05	1.75E-01	3.82E-01	3.31E-02	4.80E-01	
Maryland	Allegany County	24001	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Beryllium Compounds	2.68E-06	2.87E-06	3.30E-06	5.25E-06	6.22E-06	8.00E-06	1.24E-05	1.25E-05	3.66E-07	4.40E-06	0.00E+00	1.45E-06	0.00E+00	
Maryland	Allegany County	24001	R	1,3-Butadiene	8.08E-03	9.36E-03	1.06E-02	2.82E-02	4.10E-02	6.44E-02	8.85E-02	9.04E-02	0.00E+00	1.92E-03	3.59E-02	3.18E-03	0.00E+00	
Maryland	Allegany County	24001	R	Cadmium Compounds	3.31E-06	3.36E-06	4.25E-06	5.49E-06	8.34E-06	1.15E-05	1.85E-05	1.92E-05	2.47E-08	6.86E-06	0.00E+00	1.45E-06	0.00E+00	
Maryland	Allegany County	24001	R	Carbon Disulfide	4.73E-02	4.73E-02	4.74E-02	4.75E-02	4.93E-02	4.80E-02	5.22E-02	5.25E-02	1.50E-03	8.45E-04	0.00E+00	0.00E+00	4.70E-02	
Maryland	Allegany County	24001	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	2.48E-04	2.41E-04	0.00E+00	0.00E+00	8.80E-01	
Maryland	Allegany County	24001	R	Chloroform	9.19E-02	9.21E-02	9.36E-02	1.03E-01	1.13E-01	1.22E-01	1.47E-01	1.67E-01	1.67E-01	3.64E-03	2.67E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	Allegany County	24001	R	Chromium Compounds (includes Hexavalent)	1.84E-05	1.85E-05	2.25E-05	4.32E-05	6.25E-05	6.11E-05	8.85E-05	2.63E-04	2.33E-05	1.30E-05	2.56E-05	6.82E-07	0.00E+00	
Maryland	Allegany County	24001	R	Chromium VI	6.11E-06	6.22E-06	6.99E-06	1.62E-05	1.75E-05	2.40E-05	3.56E-05	4.15E-05	3.53E-06	3.54E-06	1.02E-05	2.32E-07	0.00E+00	
Maryland	Allegany County	24001	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	1,4-Dichlorobenzene	6.14E-03	6.50E-03	7.51E-03	1.31E-02	1.89E-02	2.58E-02	4.19E-02	4.38E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	1,3-Dichloropropene	1.14E-02	1.19E-02	1.40E-02	2.46E-02	3.58E-02	4.78E-02	7.99E-02	8.35E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.06E-07	0.00E+00	0.00E+00	7.70E-03	
Maryland	Allegany County	24001	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	6.20E-02	6.22E-02	1.23E-04	2.09E-04	0.00E+00	0.00E+00	6.10E-02	
Maryland	Allegany County	24001	R	Ethylene Oxide	1.13E-03	1.24E-03	1.36E-03	2.60E-03	4.24E-03	5.26E-03	9.61E-03	1.08E-02	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Formaldehyde	3.69E-01	3.94E-01	4.08E-01	4.74E-01	5.21E-01	6.39E-01	6.94E-01	7.05E-01	1.44E-03	5.45E-02	1.82E-01	3.30E-02	2.50E-01	
Maryland	Allegany County	24001	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.36E-05	9.38E-05	9.45E-05	9.47E-05	0.00E+00	6.36E-07	0.00E+00	0.00E+00	9.30E-05	
Maryland	Allegany County	24001	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.21E-07	0.00E+00	0.00E+00	1.80E-03	
Maryland	Allegany County	24001	R	Hexamethylene Diisocyanate	5.55E-06	8.53E-06	1.23E-05	1.49E-05	5.55E-05	4.18E-05	1.40E-04	1.72E-04	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Hydrazine	6.83E-11	9.30E-11	1.03E-10	1.30E-10	1.59E-10	2.39E-10	2.70E-10	3.35E-10	0.00E+00	1.59E-10	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Lead Compounds	2.04E-04	2.95E-04	4.13E-04	7.53E-04	1.38E-03	1.72E-03	2.77E-03	5.59E-03	4.71E-06	9.30E-05	0.00E+00	1.29E-03	0.00E+00	
Maryland	Allegany County	24001	R	Manganese Compounds	1.48E-05	1.63E-05	2.00E-05	3.48E-05	5.31E-05	5.69E-05	6.50E-05	2.34E-04	2.24E-05	2.18E-05	8.35E-06	5.61E-07	0.00E+00	
Maryland	Allegany County	24001	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.56E-03	1.59E-03	1.59E-03	1.59E-03	1.98E-08	1.51E-05	3.58E-05	5.71E-06	1.50E-03	
Maryland	Allegany County	24001	R	Methylene Chloride	1.78E-01	1.78E-01	1.89E-01	2.21E-01	2.53E-01	2.67E-01	4.06E-01	4.39E-01	1.06E-05	1.03E-01	0.00E+00	0.00E+00	1.50E-01	
Maryland	Allegany County	24001	R	Nickel Compounds	2.84E-05	3.20E-05	5.16E-05	1.06E-04	1.39E-04	2.34E-04	2.88E-04	3.31E-04	1.36E-05	1.05E-04	1.91E-05	1.06E-06	0.00E+00	
Maryland	Allegany County	24001	R	Perchloroethylene	1.49E-01	1.51E-01	1.64E-01	1.88E-01	1.98E-01	2.42E-01	2.55E-01	2.70E-01	3.85E-04	5.75E-02	0.00E+00	0.00E+00	1.40E-01	
Maryland	Allegany County	24001	R	Polychlorinated Biphenyls	4.06E-04	4.06E-04	4.14E-04	4.37E-04	4.55E-04	4.71E-04	5.57E-04	5.79E-04	0.00E+00	7.52E-05	0.00E+00	0.00E+00	3.80E-04	
Maryland	Allegany County	24001	R	Polycyclic Organic Matter	1.40E-02	1.58E-02	1.74E-02	2.52E-02	3.08E-02	3.89E-02	6.02E-02	6.15E-02	5.77E-04	2.11E-02	8.02E-03	1.07E-03	0.00E+00	
Maryland	Allegany County	24001	R	7-PAH	4.59E-04	4.81E-04	6.50E-04	8.76E-04	9.95E-04	1.33E-03	1.69E-03	1.82E-03	1.99E-10	9.31E-04	5.57E-05	9.13E-06	0.00E+00	
Maryland	Allegany County	24001	R	Propylene Dichloride	5.82E-06	6.90E-06	7.44E-06	1.27E-05	3.48E-05	2.36E-05	4.20E-05	8.94E-05	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Quinoline	2.49E-09	3.09E-09	3.32E-09	4.24E-09	4.59E-09	5.67E-09	7.49E-09	8.56E-09	0.00E+00	4.59E-09	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	1,1,2,2-Tetrachloroethane	3.65E-05	5.22E-05	6.28E-05	9.45E-05	3.00E-04	1.61E-04	3.82E-04	8.16E-04	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Allegany County	24001	R	Trichloroethylene	8.33E-02	8.35E-02	8.54E-02	8.96E-02	9.60E-02	9.66E-02	1.19E-01	1.28E-01	2.79E-04	1.47E-02	0.00E+00	0.00E+00	8.10E-02	
Maryland	Allegany County	24001	R	Vinyl Chloride	9.02E-05	1.29E-04	1.55E-04	2.33E-04	7.39E-04	3.95E-04	9.40E-04	2.01E-03	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Anne Arundel County	24003	U	Acetaldehyde	2.36E-01	2.89E-01	4.37E-01	6.80E-01	9.93E-01	1.17E+00	2.10E+00	2.93E+00	2.62E-01	2.06E-02	5.65E-01	1.46E-01	0.00E+00	
Maryland	Anne Arundel County	24003	U	Acrolein	4.11E-02	5.72E-02	7.87E-02	1.10E-01	1.32E-01	1.50E-01	2.64E-01	3.05E-01	3.91E-05	8.19E-03	8.13E-02	4.29E-02	0.00E+00	
Maryland	Anne Arundel County	24003	U	Acrylonitrile	7.10E-04	9.50E-04	1.12E-03	1.47E-03	1.87E-03	1.84E-03	2.40E-03	3.09E-03	3.63E-04	1.51E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Anne Arundel County	24003	U	Arsenic Compounds	8.80E-05	1.19E-04	1.41E-04	1.81E-04	2.20E-04	2.41E-04	3.61E-04	5.36E-04	8.62E-05	3.00E-05	8.54E-05	1.86E-05	0.00E+00	
Maryland	Anne Arundel County	24003	U	Benzene	8.75E-01	9.82E-01	1.23E+00	1.38E+00	1.67E+00	1.67E+00	2.78E+00	3.94E+00	3.29E-03	1.65E-01	8.08E-01	2.10E-01	4.80E-01	
Maryland	Anne Arundel County	24003	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Anne Arundel County	24003	U	Beryllium Compounds	8.67E-06	1.15E-05	1.52E-05	1.87E-05	1.93E-05	2.41E-05	2.79E-05	3.05E-05	2.96E-06	1.52E-05	0.00E+00	1.14E-06	0.00E+00	
Maryland	Anne Arundel County	24003	U	1,3-Butadiene	1.38E-02	1.89E-02	2.70E-02	4.22E-02	8.81E-02	8.56E-02	2.39E-01	3.70E-01	0.00E+00	7.91E-05	6.58E-02	2.22E-02	0.00E+00	
Maryland	Anne Arundel County	24003	U	Cadmium Compounds	6.24E-05	7.16E-05	8.68E-05	1.20E-04	1.45E-04	1.81E-04	2.59E-04	3.17E-04	1.06E-04	3.71E-05	0.00E+00	1.80E-06	0.00E+00	
Maryland	Anne Arundel County	24003	U	Carbon Disulfide	4.89E-02	4.91E-02	4.97E-02	5.06E-02	5.16E-02	5.24E-02	5.42E-02	5.56E-02	1.65E-03	2.92E-03	0.00E+00	0.00E+00	4.70E-02	
Maryland	Anne Arundel County	24003	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	3.25E-05	7.83E-04	0.00E+00	0.00E+00	8.80E-01	
Maryland	Anne Arundel County	240																

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Maryland	Anne Arundel County	24003	U	Ethylene Oxide	3.51E-03	5.92E-03	7.42E-03	9.36E-03	9.68E-03	1.20E-02	1.46E-02	1.59E-02	0.00E+00	9.68E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Anne Arundel County	24003	U	Formaldehyde	4.47E-01	5.18E-01	6.83E-01	8.96E-01	1.17E+00	1.25E+00	2.19E+00	3.33E+00	1.68E-02	1.44E-02	6.05E-01	2.82E-01	2.50E-01
Maryland	Anne Arundel County	24003	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.37E-05	9.36E-05	9.39E-05	9.40E-05	9.40E-05	4.90E-07	6.61E-08	0.00E+00	0.00E+00	9.30E-05
Maryland	Anne Arundel County	24003	U	Hexachlorobutadiene	1.91E-03	1.94E-03	1.99E-03	2.13E-03	2.24E-03	2.36E-03	2.64E-03	3.09E-03	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.80E-03
Maryland	Anne Arundel County	24003	U	Hexamethylene Diisocyanate	7.09E-05	9.85E-05	1.55E-04	3.09E-04	4.44E-04	5.25E-04	9.06E-04	1.24E-03	1.90E-06	4.42E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Anne Arundel County	24003	U	Hydrazine	2.64E-09	4.41E-09	6.60E-09	1.35E-08	2.82E-08	3.40E-08	8.16E-08	1.04E-07	0.00E+00	2.82E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	Anne Arundel County	24003	U	Lead Compounds	1.17E-03	1.77E-03	2.06E-03	2.86E-03	5.02E-03	5.74E-03	1.10E-02	1.60E-02	5.70E-04	1.56E-03	0.00E+00	2.89E-03	0.00E+00
Maryland	Anne Arundel County	24003	U	Manganese Compounds	2.67E-03	3.30E-03	4.22E-03	6.16E-03	8.72E-03	1.18E-02	1.69E-02	2.45E-02	3.12E-03	5.56E-03	2.37E-05	1.10E-05	0.00E+00
Maryland	Anne Arundel County	24003	U	Mercury Compounds	1.64E-03	1.68E-03	1.72E-03	1.81E-03	1.89E-03	2.00E-03	2.18E-03	2.45E-03	1.82E-04	1.11E-04	8.25E-05	1.68E-05	1.50E-03
Maryland	Anne Arundel County	24003	U	Methylene Chloride	2.33E-01	2.92E-01	3.39E-01	4.05E-01	4.38E-01	5.27E-01	6.47E-01	7.08E-01	8.76E-03	2.79E-01	0.00E+00	0.00E+00	1.50E-01
Maryland	Anne Arundel County	24003	U	Nickel Compounds	9.62E-04	1.08E-03	1.43E-03	2.03E-03	2.84E-03	3.69E-03	5.51E-03	7.15E-03	1.90E-03	6.44E-04	5.49E-05	2.43E-04	0.00E+00
Maryland	Anne Arundel County	24003	U	Perchloroethylene	1.79E-01	1.87E-01	2.03E-01	2.15E-01	2.22E-01	2.40E-01	2.69E-01	2.81E-01	4.06E-03	7.78E-02	0.00E+00	0.00E+00	1.40E-01
Maryland	Anne Arundel County	24003	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.86E-04	3.87E-04	3.88E-04	3.90E-04	3.93E-04	7.93E-08	6.71E-06	0.00E+00	0.00E+00	3.80E-04
Maryland	Anne Arundel County	24003	U	Polycyclic Organic Matter	2.98E-02	3.47E-02	4.33E-02	5.77E-02	6.62E-02	8.07E-02	1.05E-01	1.56E-01	3.40E-04	3.34E-02	2.31E-02	9.35E-03	0.00E+00
Maryland	Anne Arundel County	24003	U	7-PAH	1.20E-03	1.42E-03	1.60E-03	1.90E-03	2.13E-03	2.49E-03	2.94E-03	3.90E-03	1.59E-07	1.90E-03	1.54E-04	7.11E-05	0.00E+00
Maryland	Anne Arundel County	24003	U	Propylene Dichloride	3.30E-05	4.00E-05	4.87E-05	6.61E-05	9.16E-05	8.86E-05	1.18E-04	1.69E-04	2.20E-05	6.96E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Anne Arundel County	24003	U	Quinoline	3.43E-08	4.67E-08	7.88E-08	1.35E-07	1.76E-07	2.21E-07	3.65E-07	4.93E-07	0.00E+00	1.76E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	Anne Arundel County	24003	U	1,1,2,2-Tetrachloroethane	2.72E-04	3.31E-04	4.11E-04	5.38E-04	7.75E-04	7.43E-04	9.75E-04	1.38E-03	2.02E-04	5.74E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Anne Arundel County	24003	U	Trichloroethylene	9.21E-02	9.95E-02	1.05E-01	1.14E-01	1.20E-01	1.28E-01	1.55E-01	1.64E-01	2.42E-03	3.61E-02	0.00E+00	0.00E+00	8.10E-02
Maryland	Anne Arundel County	24003	U	Vinyl Chloride	7.36E-04	1.17E-03	1.36E-03	1.76E-03	2.25E-03	2.22E-03	2.72E-03	3.60E-03	4.96E-04	1.76E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Acetaldehyde	3.58E-01	4.39E-01	6.11E-01	8.83E-01	3.57E+00	2.38E+00	7.59E+00	2.08E+01	2.70E+00	1.17E-01	6.24E-01	1.27E-01	0.00E+00
Maryland	Baltimore County	24005	U	Acrolein	7.04E-02	8.06E-02	1.01E-01	1.20E-01	1.34E-01	1.55E-01	2.23E-01	2.58E-01	3.75E-05	1.11E-02	1.01E-01	2.22E-02	0.00E+00
Maryland	Baltimore County	24005	U	Acrylonitrile	4.47E-04	5.01E-04	6.27E-04	9.09E-04	1.21E-03	1.39E-03	2.06E-03	2.44E-03	2.46E-04	9.65E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Arsenic Compounds	9.81E-05	1.10E-04	1.43E-04	1.79E-04	2.19E-04	2.62E-04	3.93E-04	4.37E-04	4.94E-05	4.36E-05	9.69E-05	2.92E-05	0.00E+00
Maryland	Baltimore County	24005	U	Benzene	1.13E+00	1.22E+00	1.39E+00	1.57E+00	1.81E+00	2.02E+00	2.93E+00	3.40E+00	2.76E-03	1.73E-01	9.46E-01	2.09E-01	4.80E-01
Maryland	Baltimore County	24005	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Beryllium Compounds	1.20E-05	1.37E-05	1.67E-05	2.25E-05	2.48E-05	2.95E-05	3.67E-05	4.44E-05	1.79E-06	2.15E-05	0.00E+00	1.53E-06	0.00E+00
Maryland	Baltimore County	24005	U	1,3-Butadiene	2.53E-02	2.92E-02	4.25E-02	6.44E-02	8.99E-02	1.11E-01	1.96E-01	2.49E-01	0.00E+00	8.23E-05	7.06E-02	1.93E-02	0.00E+00
Maryland	Baltimore County	24005	U	Cadmium Compounds	4.75E-05	5.08E-05	6.43E-05	8.98E-05	1.30E-04	1.69E-04	2.42E-04	2.69E-04	8.94E-05	3.76E-05	0.00E+00	2.80E-06	0.00E+00
Maryland	Baltimore County	24005	U	Carbon Disulfide	4.91E-02	4.93E-02	4.96E-02	5.01E-02	5.41E-02	5.43E-02	6.05E-02	6.84E-02	1.28E-03	5.81E-03	0.00E+00	0.00E+00	4.70E-02
Maryland	Baltimore County	24005	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	1.94E-04	1.08E-03	0.00E+00	0.00E+00	8.80E-01
Maryland	Baltimore County	24005	U	Chloroform	1.10E-01	1.15E-01	1.27E-01	1.41E-01	1.44E-01	1.53E-01	1.71E-01	1.93E-01	3.18E-04	6.08E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	Baltimore County	24005	U	Chromium Compounds (includes Hexavalent)	1.48E-04	1.85E-04	2.28E-04	2.88E-04	5.93E-04	6.10E-04	1.14E-03	1.86E-03	2.47E-04	2.51E-04	8.63E-05	9.03E-06	0.00E+00
Maryland	Baltimore County	24005	U	Chromium VI	3.99E-05	4.38E-05	5.85E-05	7.35E-05	1.50E-04	1.65E-04	2.95E-04	4.32E-04	3.44E-05	7.78E-05	3.45E-05	3.07E-06	0.00E+00
Maryland	Baltimore County	24005	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	1,4-Dichlorobenzene	2.74E-02	3.27E-02	4.89E-02	6.56E-02	6.83E-02	8.26E-02	1.06E-01	1.20E-01	2.26E-05	6.83E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	1,3-Dichloropropene	4.86E-02	5.90E-02	8.95E-02	1.20E-01	1.26E-01	1.52E-01	1.96E-01	2.24E-01	0.00E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Ethylene Dibromide	7.71E-03	7.71E-03	7.72E-03	7.73E-03	7.73E-03	7.74E-03	7.76E-03	7.76E-03	1.38E-07	3.11E-05	0.00E+00	0.00E+00	7.70E-03
Maryland	Baltimore County	24005	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.09E-05	7.45E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	Baltimore County	24005	U	Ethylene Oxide	5.61E-03	6.94E-03	1.04E-02	1.40E-02	1.49E-02	1.86E-02	2.37E-02	2.67E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Formaldehyde	6.44E-01	7.28E-01	8.59E-01	1.06E+00	1.19E+00	1.35E+00	2.04E+00	2.25E+00	3.63E-03	2.10E-02	6.87E-01	2.33E-01	2.50E-01
Maryland	Baltimore County	24005	U	Hexachlorobenzene	9.37E-05	9.38E-05	9.43E-05	9.46E-05	9.49E-05	9.53E-05	9.62E-05	9.67E-05	1.66E-06	1.98E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	Baltimore County	24005	U	Hexachlorobutadiene	1.83E-03	1.83E-03	1.85E-03	1.88E-03	1.89E-03	1.93E-03	1.98E-03	1.99E-03	0.00E+00	9.32E-05	0.00E+00	0.00E+00	1.80E-03
Maryland	Baltimore County	24005	U	Hexamethylene Diisocyanate	1.87E-05	2.50E-05	5.76E-05	8.03E-05	8.42E-05	1.02E-04	1.40E-04	1.66E-04	8.64E-06	7.55E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Hydrazine	1.67E-08	2.30E-08	3.16E-08	6.34E-08	1.93E-07	1.50E-07	4.34E-07	1.03E-06	0.00E+00	1.93E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Lead Compounds	1.22E-03	1.29E-03	1.54E-03	2.30E-03	4.85E-03	5.53E-03	8.51E-03	1.36E-02	7.52E-04	1.15E-03	0.00E+00	2.95E-03	0.00E+00
Maryland	Baltimore County	24005	U	Manganese Compounds	1.28E-03	1.42E-03	1.82E-03	2.77E-03	7.50E-03	7.07E-03	1.47E-02	1.85E-02	3.69E-03	3.77E-03	2.75E-05	1.76E-05	0.00E+00
Maryland	Baltimore County	24005	U	Mercury Compounds	1.68E-03	1.72E-03	1.83E-03	2.02E-03	2.14E-03	2.33E-03	2.84E-03	2.97E-03	3.67E-04	1.49E-04	9.23E-05	2.79E-05	1.50E-03
Maryland	Baltimore County	24005	U	Methylene Chloride	2.71E-01	3.07E-01	3.68E-01	4.36E-01	4.79E-01	5.16E-01	6.56E-01	7.36E-01	1.17E-02	3.17E-01	0.00E+00	0.00E+00	1.50E-01
Maryland	Baltimore County	24005	U	Nickel Compounds	5.10E-04	5.72E-04	7.58E-04	1.17E-03	2.17E-03	2.47E-03	6.30E-03	7.25E-03	1.09E-03	6.10E-04	6.38E-05	4.03E-04	0.00E+00
Maryland	Baltimore County	24005	U	Perchloroethylene	1.87E-01	2.01E-01	2.29E-01	2.52E-01	2.57E-01	2.81E-01	3.11E-01	3.37E-01	7.85E-04	1.16E-01	0.00E+00	0.00E+00	1.40E-01
Maryland	Baltimore County	24005	U	Polychlorinated Biphenyls	3.89E-04	3.90E-04	3.92E-04	3.99E-04	4.01E-04	4.06E-04	4.17E-04	4.25E-04	1.55E-07	2.08E-05	0.00E+00	0.00E+00	3.80E-04
Maryland	Baltimore County	24005	U	Polycyclic Organic Matter	3.84E-02	4.12E-02	4.45E-02	5.44E-02	6.63E-02	7.82E-02	1.21E-01	1.34E-01	8.40E-04	3.33E-02	2.67E-02	5.44E-03	0.00E+00
Maryland	Baltimore County	24005	U	7-PAH	1.38E-03	1.42E-03	1.54E-03	1.77E-03	2.20E-03	2.43E-03	3.63E-03	4.61E-03	4.31E-07	1.94E-03	1.76E-04	7.98E-05	0.00E+00
Maryland	Baltimore County	24005	U	Propylene Dichloride	1.95E-05	2.06E-05	2.48E-05	3.40E-05	4.81E-05	5.11E-05	8.67E-05	1.52E-04	1.49E-05	3.32E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	24005	U	Quinoline	1.99E-07	2.24E-07	3.37E-07	4.36E-07	7.67E-07	7.30E-07	1.32E-06	2.83E-06	0.00E+00	7.67E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore County	240															

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts							Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Maryland	Calvert County	24009	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Beryllium Compounds	1.74E-06	2.49E-06	3.11E-06	3.51E-06	4.04E-06	4.84E-06	6.34E-06	8.99E-06	8.82E-07	3.12E-06	0.00E+00	3.39E-08	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	1,3-Butadiene	7.96E-03	9.26E-03	1.10E-02	1.18E-02	1.27E-02	1.33E-02	1.89E-02	2.13E-02	0.00E+00	1.21E-04	9.26E-03	3.29E-03	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Cadmium Compounds	2.97E-06	4.30E-06	5.73E-06	6.63E-06	7.44E-06	8.11E-06	1.23E-05	1.71E-05	2.63E-06	4.78E-06	0.00E+00	3.81E-08	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Carbon Disulfide	4.72E-02	4.73E-02	4.74E-02	4.76E-02	4.76E-02	4.78E-02	4.81E-02	4.81E-02	7.87E-06	6.29E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Maryland	Calvert County	24009	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.68E-08	1.96E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Maryland	Calvert County	24009	U	Chloroform	8.64E-02	8.67E-02	8.75E-02	8.94E-02	8.98E-02	9.05E-02	9.43E-02	9.65E-02	1.56E-07	6.83E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Maryland	Calvert County	24009	U	Chromium Compounds (includes Hexavalent)	2.85E-05	2.97E-05	3.48E-05	4.07E-05	5.32E-05	5.07E-05	9.44E-05	1.66E-04	1.18E-05	2.88E-05	1.17E-05	9.09E-07	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Chromium VI	9.28E-06	9.50E-06	1.05E-05	1.16E-05	1.64E-05	1.38E-05	2.98E-05	5.42E-05	1.51E-06	9.90E-06	4.66E-06	3.09E-07	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	1,4-Dichlorobenzene	6.22E-03	6.54E-03	7.38E-03	1.03E-02	1.07E-02	1.27E-02	1.72E-02	1.77E-02	1.34E-06	1.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	1,3-Dichloropropene	1.14E-02	1.20E-02	1.36E-02	1.88E-02	1.94E-02	2.27E-02	3.16E-02	3.21E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.72E-03	7.73E-03	7.73E-03	8.18E-09	9.54E-06	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Maryland	Calvert County	24009	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	3.60E-06	3.65E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Maryland	Calvert County	24009	U	Ethylene Oxide	1.16E-03	1.25E-03	1.56E-03	1.99E-03	2.01E-03	2.21E-03	3.16E-03	3.17E-03	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Formaldehyde	3.32E-01	3.44E-01	3.70E-01	3.81E-01	3.91E-01	4.11E-01	4.48E-01	4.73E-01	5.67E-04	5.76E-03	1.05E-01	2.94E-02	2.50E-01	0.00E+00
Maryland	Calvert County	24009	U	Hexachlorobenzene	9.33E-05	9.34E-05	9.34E-05	9.35E-05	9.35E-05	9.37E-05	9.38E-05	9.38E-05	0.00E+00	5.50E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Maryland	Calvert County	24009	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.83E-03	1.87E-03	1.90E-03	1.90E-03	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Maryland	Calvert County	24009	U	Hexamethylene Diisocyanate	7.70E-08	7.92E-08	8.41E-08	1.23E-07	1.11E-05	2.89E-05	4.32E-05	4.69E-05	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Hydrazine	2.32E-11	2.48E-11	9.34E-11	2.54E-10	3.35E-10	4.49E-10	9.08E-10	9.73E-10	0.00E+00	3.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Lead Compounds	6.33E-04	6.52E-04	7.51E-04	8.01E-04	1.05E-03	1.24E-03	1.73E-03	2.67E-03	2.03E-05	4.57E-05	0.00E+00	9.81E-04	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Manganese Compounds	1.71E-05	2.16E-05	3.26E-05	3.84E-05	4.43E-05	4.59E-05	8.08E-05	1.18E-04	2.32E-05	1.64E-05	3.68E-06	1.05E-06	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.26E-06	7.97E-06	2.05E-06	2.49E-06	1.50E-03	0.00E+00
Maryland	Calvert County	24009	U	Methylene Chloride	1.70E-01	1.71E-01	1.82E-01	1.91E-01	1.92E-01	1.99E-01	2.19E-01	2.23E-01	2.15E-04	4.17E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Maryland	Calvert County	24009	U	Nickel Compounds	9.82E-05	1.08E-04	1.14E-04	1.57E-04	1.91E-04	2.04E-04	2.78E-04	6.15E-04	1.20E-04	4.60E-05	8.78E-06	1.69E-05	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Perchloroethylene	1.43E-01	1.44E-01	1.45E-01	1.45E-01	1.52E-01	1.56E-01	1.63E-01	1.63E-01	1.91E-03	1.06E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Maryland	Calvert County	24009	U	Polychlorinated Biphenyls	4.20E-04	4.22E-04	4.30E-04	4.44E-04	4.44E-04	4.56E-04	4.72E-04	4.76E-04	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Maryland	Calvert County	24009	U	Polycyclic Organic Matter	1.00E-02	1.12E-02	1.61E-02	1.76E-02	1.89E-02	2.17E-02	2.62E-02	3.82E-02	2.49E-06	1.95E-02	3.77E-03	6.38E-04	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	7-PAH	5.93E-04	6.41E-04	9.21E-04	9.60E-04	1.02E-03	1.22E-03	1.27E-03	1.81E-03	4.15E-08	9.47E-04	2.88E-05	1.93E-05	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Propylene Dichloride	9.60E-06	9.92E-06	1.04E-05	1.19E-05	1.66E-05	1.38E-05	2.19E-05	7.54E-05	8.86E-07	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Quinoline	5.41E-10	5.68E-10	1.88E-09	4.91E-09	6.01E-09	8.23E-09	1.52E-08	1.56E-08	0.00E+00	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	1,1,2,2-Tetrachloroethane	7.60E-05	7.76E-05	8.07E-05	8.91E-05	1.35E-04	1.10E-04	1.76E-04	6.85E-04	8.11E-06	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Calvert County	24009	U	Trichloroethylene	8.25E-02	8.25E-02	8.36E-02	8.49E-02	8.53E-02	8.62E-02	8.98E-02	9.02E-02	1.54E-05	4.32E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Maryland	Calvert County	24009	U	Vinyl Chloride	1.89E-04	1.94E-04	2.02E-04	2.33E-04	3.46E-04	2.80E-04	4.51E-04	1.69E-03	2.00E-05	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Acetaldehyde	1.32E-01	1.32E-01	1.34E-01	1.50E-01	1.71E-01	1.93E-01	2.79E-01	2.79E-01	8.39E-02	8.29E-03	5.59E-02	2.31E-02	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Acrolein	1.36E-02	1.36E-02	1.42E-02	1.63E-02	1.60E-02	1.71E-02	1.78E-02	1.78E-02	8.62E-04	3.51E-03	8.02E-03	3.57E-03	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Acrylonitrile	1.14E-04	1.14E-04	1.30E-04	3.73E-04	3.31E-04	4.86E-04	5.90E-04	5.90E-04	1.98E-04	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Arsenic Compounds	1.52E-05	1.52E-05	1.75E-05	1.87E-05	3.00E-05	2.20E-05	9.78E-05	9.78E-05	3.25E-06	1.36E-05	9.25E-06	3.92E-06	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Benzene	6.20E-01	6.20E-01	6.25E-01	6.48E-01	6.42E-01	6.52E-01	6.53E-01	6.53E-01	1.01E-05	4.70E-02	7.50E-02	3.99E-02	4.80E-01	0.00E+00
Maryland	Caroline County	24011	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Beryllium Compounds	1.08E-06	1.08E-06	1.19E-06	1.28E-06	1.41E-06	1.59E-06	2.06E-06	2.06E-06	1.48E-07	1.26E-06	0.00E+00	4.23E-09	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	1,3-Butadiene	5.13E-03	5.13E-03	5.84E-03	7.16E-03	6.71E-03	7.44E-03	7.98E-03	7.98E-03	9.80E-05	5.06E-04	4.87E-03	1.23E-03	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Cadmium Compounds	1.48E-06	1.48E-06	1.84E-06	2.25E-06	2.32E-06	2.65E-06	3.54E-06	3.54E-06	5.80E-07	1.72E-06	0.00E+00	1.25E-08	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.73E-02	4.73E-02	4.73E-02	4.75E-02	4.75E-02	9.89E-07	2.86E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Maryland	Caroline County	24011	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Maryland	Caroline County	24011	R	Chloroform	8.44E-02	8.44E-02	8.45E-02	8.48E-02	8.48E-02	8.50E-02	8.55E-02	8.55E-02	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Maryland	Caroline County	24011	R	Chromium Compounds (includes Hexavalent)	8.66E-06	8.66E-06	1.04E-05	1.09E-05	2.20E-05	1.33E-05	8.87E-05	8.87E-05	2.17E-06	1.38E-05	5.66E-06	3.93E-07	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Chromium VI	3.30E-06	3.30E-06	4.01E-06	4.31E-06	8.10E-06	5.19E-06	3.09E-05	3.09E-05	9.93E-07	4.70E-06	2.28E-06	1.34E-07	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	1,4-Dichlorobenzene	3.83E-03	3.83E-03	4.29E-03	4.48E-03	4.75E-03	5.41E-03	5.64E-03	5.64E-03	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	1,3-Dichloropropene	7.03E-03	7.03E-03	7.96E-03	8.13E-03	8.76E-03	1.00E-02	1.05E-02	1.05E-02	0.00E+00	8.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Caroline County	24011	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	9.51E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Maryland	Caroline County	24011	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.05E-07	1.56E-05	0.00E+00	0.00E+00	0.00E+00	6

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Maryland	Caroline County	24011	R	Perchloroethylene	1.51E-01	1.51E-01	1.52E-01	1.55E-01	1.59E-01	1.65E-01	1.75E-01	1.75E-01	1.53E-02	3.89E-03	0.00E+00	0.00E+00	1.40E-01	
Maryland	Caroline County	24011	R	Polychlorinated Biphenyls	4.06E-04	4.06E-04	4.13E-04	4.17E-04	4.17E-04	4.23E-04	4.25E-04	4.25E-04	0.00E+00	3.73E-05	0.00E+00	0.00E+00	3.80E-04	
Maryland	Caroline County	24011	R	Polycyclic Organic Matter	7.23E-03	7.23E-03	7.63E-03	8.18E-03	8.26E-03	8.93E-03	9.68E-03	9.68E-03	1.04E-06	5.98E-03	1.79E-03	4.95E-04	0.00E+00	
Maryland	Caroline County	24011	R	7-PAH	3.88E-04	3.88E-04	4.13E-04	4.61E-04	4.61E-04	5.14E-04	5.24E-04	5.24E-04	1.08E-08	4.36E-04	1.39E-05	1.05E-05	0.00E+00	
Maryland	Caroline County	24011	R	Propylene Dichloride	6.40E-06	6.40E-06	6.61E-06	7.23E-06	7.85E-06	9.33E-06	1.13E-05	1.13E-05	0.00E+00	7.85E-06	0.00E+00	0.00E+00	0.00E+00	
Maryland	Caroline County	24011	R	Quinoline	2.80E-08	2.80E-08	2.84E-08	3.12E-08	3.33E-08	3.45E-08	4.70E-08	4.70E-08	0.00E+00	3.33E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	Caroline County	24011	R	1,1,2,2-Tetrachloroethane	5.25E-05	5.25E-05	5.35E-05	5.77E-05	6.53E-05	7.95E-05	9.81E-05	9.81E-05	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Caroline County	24011	R	Trichloroethylene	8.21E-02	8.21E-02	8.25E-02	8.31E-02	8.45E-02	8.69E-02	8.86E-02	8.86E-02	1.59E-03	1.94E-03	0.00E+00	0.00E+00	8.10E-02	
Maryland	Caroline County	24011	R	Vinyl Chloride	1.32E-04	1.32E-04	1.35E-04	1.44E-04	1.63E-04	1.98E-04	2.42E-04	2.42E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Acetaldehyde	1.88E-01	2.03E-01	2.55E-01	2.97E-01	3.15E-01	3.66E-01	4.26E-01	4.81E-01	1.56E-02	4.44E-03	2.47E-01	4.82E-02	0.00E+00	
Maryland	Carroll County	24013	U	Acrolein	3.02E-02	3.26E-02	4.03E-02	5.00E-02	5.22E-02	6.07E-02	7.34E-02	7.54E-02	1.05E-04	4.05E-03	3.79E-02	1.02E-02	0.00E+00	
Maryland	Carroll County	24013	U	Acrylonitrile	1.61E-04	1.78E-04	2.55E-04	5.62E-04	5.37E-04	6.52E-04	8.74E-04	9.32E-04	1.04E-05	5.27E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Arsenic Compounds	5.19E-05	5.36E-05	6.81E-05	8.45E-05	8.17E-05	9.89E-05	1.06E-04	1.10E-04	1.36E-05	1.45E-05	4.34E-05	1.03E-05	0.00E+00	
Maryland	Carroll County	24013	U	Benzene	8.38E-01	8.63E-01	9.37E-01	1.06E+00	1.09E+00	1.23E+00	1.36E+00	1.39E+00	7.80E-04	1.77E-01	3.14E-01	1.17E-01	4.80E-01	
Maryland	Carroll County	24013	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Beryllium Compounds	5.20E-06	5.87E-06	6.46E-06	9.21E-06	9.27E-06	1.11E-05	1.25E-05	1.35E-05	6.52E-07	8.05E-06	0.00E+00	5.72E-07	0.00E+00	
Maryland	Carroll County	24013	U	1,3-Butadiene	1.32E-02	1.60E-02	1.88E-02	2.59E-02	3.09E-02	3.62E-02	5.96E-02	6.25E-02	0.00E+00	2.91E-05	2.05E-02	1.03E-02	0.00E+00	
Maryland	Carroll County	24013	U	Cadmium Compounds	1.94E-05	3.82E-05	6.12E-05	7.21E-05	6.93E-05	8.32E-05	8.97E-05	1.01E-04	7.44E-06	1.63E-05	0.00E+00	5.90E-07	0.00E+00	
Maryland	Carroll County	24013	U	Carbon Disulfide	4.80E-02	4.80E-02	4.82E-02	4.88E-02	4.90E-02	4.94E-02	5.03E-02	5.09E-02	7.65E-04	1.21E-03	0.00E+00	0.00E+00	4.70E-02	
Maryland	Carroll County	24013	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	8.84E-01	1.01E-03	3.19E-04	0.00E+00	0.00E+00	8.80E-01	
Maryland	Carroll County	24013	U	Chloroform	9.61E-02	9.76E-02	1.03E-01	1.10E-01	1.09E-01	1.14E-01	1.20E-01	1.24E-01	2.04E-03	2.42E-02	0.00E+00	0.00E+00	8.30E-02	
Maryland	Carroll County	24013	U	Chromium Compounds (includes Hexavalent)	6.78E-05	7.55E-05	1.08E-04	1.41E-04	1.34E-04	1.55E-04	1.77E-04	1.99E-04	3.02E-05	7.25E-05	2.90E-05	1.92E-06	0.00E+00	
Maryland	Carroll County	24013	U	Chromium VI	2.53E-05	2.59E-05	3.62E-05	4.41E-05	4.84E-05	5.28E-05	8.52E-05	9.88E-05	6.18E-06	2.99E-05	1.16E-05	6.53E-07	0.00E+00	
Maryland	Carroll County	24013	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	1,4-Dichlorobenzene	1.22E-02	1.36E-02	1.78E-02	2.58E-02	2.60E-02	3.20E-02	3.80E-02	4.70E-02	9.66E-07	2.60E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	1,3-Dichloropropene	2.21E-02	2.51E-02	3.28E-02	4.64E-02	4.74E-02	5.82E-02	6.87E-02	8.77E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	7.71E-03	5.80E-09	2.81E-06	0.00E+00	0.00E+00	7.70E-03	
Maryland	Carroll County	24013	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.14E-02	9.30E-05	5.33E-05	0.00E+00	0.00E+00	6.10E-02	
Maryland	Carroll County	24013	U	Ethylene Oxide	1.86E-03	2.03E-03	2.76E-03	4.77E-03	4.93E-03	6.28E-03	7.69E-03	9.21E-03	0.00E+00	4.93E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Formaldehyde	4.61E-01	4.84E-01	5.33E-01	5.99E-01	6.29E-01	7.33E-01	7.85E-01	7.94E-01	2.27E-03	8.23E-03	2.70E-01	9.82E-02	2.50E-01	
Maryland	Carroll County	24013	U	Hexachlorobenzene	9.36E-05	9.36E-05	9.37E-05	9.41E-05	9.43E-05	9.47E-05	9.52E-05	9.60E-05	3.60E-08	1.29E-06	0.00E+00	0.00E+00	9.30E-05	
Maryland	Carroll County	24013	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.81E-03	1.82E-03	1.83E-03	1.83E-03	0.00E+00	7.78E-06	0.00E+00	0.00E+00	1.80E-03	
Maryland	Carroll County	24013	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	2.97E-07	6.63E-06	1.59E-05	1.83E-05	1.90E-05	2.55E-07	6.38E-06	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Hydrazine	1.08E-09	1.34E-09	2.76E-09	6.54E-09	9.67E-09	9.91E-09	2.87E-08	3.10E-08	0.00E+00	9.67E-09	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Lead Compounds	1.08E-03	1.16E-03	1.47E-03	1.78E-03	3.67E-03	3.81E-03	5.69E-03	1.29E-02	7.73E-05	3.20E-04	0.00E+00	3.27E-03	0.00E+00	
Maryland	Carroll County	24013	U	Manganese Compounds	1.20E-04	1.39E-04	3.02E-04	4.84E-04	5.75E-04	7.40E-04	1.21E-03	1.25E-03	1.30E-04	4.35E-04	9.14E-06	1.47E-06	0.00E+00	
Maryland	Carroll County	24013	U	Mercury Compounds	1.55E-03	1.56E-03	1.59E-03	1.63E-03	1.63E-03	1.65E-03	1.68E-03	1.69E-03	4.07E-05	2.87E-05	4.88E-05	8.60E-06	1.50E-03	
Maryland	Carroll County	24013	U	Methylene Chloride	1.99E-01	2.09E-01	2.22E-01	2.58E-01	2.72E-01	3.01E-01	3.48E-01	4.38E-01	3.03E-04	1.22E-01	0.00E+00	0.00E+00	1.50E-01	
Maryland	Carroll County	24013	U	Nickel Compounds	1.21E-04	1.45E-04	1.75E-04	2.38E-04	2.52E-04	3.33E-04	3.99E-04	4.13E-04	6.99E-05	1.52E-04	2.18E-05	8.58E-06	0.00E+00	
Maryland	Carroll County	24013	U	Perchloroethylene	1.53E-01	1.56E-01	1.59E-01	1.71E-01	1.70E-01	1.79E-01	1.85E-01	1.88E-01	2.02E-04	2.97E-02	0.00E+00	0.00E+00	1.40E-01	
Maryland	Carroll County	24013	U	Polychlorinated Biphenyls	4.30E-04	4.39E-04	4.54E-04	5.03E-04	5.29E-04	5.78E-04	6.44E-04	7.31E-04	1.28E-08	1.49E-04	0.00E+00	0.00E+00	3.80E-04	
Maryland	Carroll County	24013	U	Polycyclic Organic Matter	3.53E-02	3.68E-02	4.54E-02	5.60E-02	5.97E-02	7.55E-02	8.27E-02	9.49E-02	2.18E-02	2.65E-02	9.27E-03	2.10E-03	0.00E+00	
Maryland	Carroll County	24013	U	7-PAH	1.39E-03	1.50E-03	1.60E-03	1.88E-03	2.03E-03	2.27E-03	2.76E-03	3.16E-03	2.08E-05	1.91E-03	7.04E-05	2.42E-05	0.00E+00	
Maryland	Carroll County	24013	U	Propylene Dichloride	7.98E-06	9.04E-06	1.17E-05	2.45E-05	2.74E-05	3.44E-05	4.87E-05	5.13E-05	6.27E-07	2.68E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Quinoline	2.74E-08	3.24E-08	5.31E-08	8.52E-08	8.25E-08	1.06E-07	1.28E-07	1.64E-07	0.00E+00	8.25E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	1,1,2,2-Tetrachloroethane	4.89E-05	5.74E-05	8.94E-05	1.95E-04	2.21E-04	2.78E-04	4.10E-04	4.48E-04	5.75E-06	2.16E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Carroll County	24013	U	Trichloroethylene	8.58E-02	8.74E-02	8.92E-02	9.23E-02	9.40E-02	9.68E-02	1.03E-01	1.09E-01	8.86E-04	1.21E-02	0.00E+00	0.00E+00	8.10E-02	
Maryland	Carroll County	24013	U	Vinyl Chloride	2.03E-04	2.50E-04	4.27E-04	7.14E-04	7.16E-04	8.03E-04	1.09E-03	1.16E-03	1.42E-05	7.02E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Cecil County	24015	U	Acetaldehyde	2.07E-01	2.15E-01	2.27E-01	3.12E-01	3.25E-01	3.81E-01	4.61E-01	5.40E-01	1.13E-02	1.11E-02	2.59E-01	4.42E-02	0.00E+00	
Maryland	Cecil County	24015	U	Acrolein	3.20E-02	3.29E-02	3.67E-02	4.42E-02	4.26E-02	4.74E-02	5.26E-02	5.59E-02	6.63E-04	4.04E-03	3.70E-02	7.13E-03	0.00E+00	
Maryland	Cecil County	24015	U	Acrylonitrile	1.07E-04	1.33E-04	2.10E-04	2.92E-04	6.11E-04	6.26E-04	7.55E-04	4.08E-03	8.08E-05	5.30E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Cecil County	24015	U	Arsenic Compounds	4.46E-05	4.57E-05	4.77E-05	6.68E-05	6.78E-05	8.03E-05	1.06E-04	1.10E-04	1.16E-05	1.05E-05	3.78E-05	7.93E-06	0.00E+00	
Maryland	Cecil County	24015	U	Benzene	7.67E-01	8.19E-01	8.38E-01	9.33E-01	9.54E-01	1.03E+00	1.22E+00	1.23E+00	8.04E-03	1.23E-01	2.61E-01	8.22E-02	4.80E-01	
Maryland	Cecil County	24015	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Cecil County	24015	U	Beryllium Compounds	4.23E-06	4.70E-06	6.39E-06	7.10E-06	7.64E-06	8.55E-06	1.13E-05	1.34E-05	7.92E-07	5.87E-06	0.00E+00	9.78E-07	0.00E+00	
Maryland	Cecil County	24015	U	1,3-Butadiene	9.14E-03	9.84E-03	1.22E-02	1.82E-02	2.43E-02	3.64E-02	4.88E-02	5.65E-02	1.02E-04	2.51E-04	1.91E-02	4.78E-03	0.00E+00	
Maryland	Cecil County	24015	U	Cadmium Comp														

DRAFT FOR REVIEW ONLY
 Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Maryland	Cecil County	24015	U	1,3-Dichloropropene	1.51E-02	2.24E-02	2.49E-02	2.83E-02	3.36E-02	3.80E-02	5.06E-02	8.26E-02	5.41E-07	3.36E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Cecil County	24015	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.92E-07	0.00E+00	0.00E+00	7.70E-03
Maryland	Cecil County	24015	U	Ethylene Dichloride	6.11E-02	6.16E-02	6.23E-02	6.29E-02	6.30E-02	6.38E-02	6.44E-02	6.50E-02	1.87E-03	1.73E-04	0.00E+00	0.00E+00	6.10E-02
Maryland	Cecil County	24015	U	Ethylene Oxide	1.71E-03	2.04E-03	2.84E-03	3.29E-03	3.88E-03	4.37E-03	5.58E-03	1.08E-02	8.14E-04	3.07E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Cecil County	24015	U	Formaldehyde	4.62E-01	4.87E-01	5.17E-01	6.25E-01	6.22E-01	7.05E-01	7.64E-01	8.73E-01	2.27E-02	2.40E-02	2.50E-01	7.50E-02	2.50E-01
Maryland	Cecil County	24015	U	Hexachlorobenzene	9.38E-05	9.47E-05	9.50E-05	9.60E-05	9.61E-05	9.69E-05	9.78E-05	9.99E-05	2.22E-06	9.31E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	Cecil County	24015	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	8.82E-07	0.00E+00	0.00E+00	1.80E-03
Maryland	Cecil County	24015	U	Hexamethylene Diisocyanate	2.72E-05	4.01E-05	7.55E-05	9.27E-05	9.27E-05	1.22E-04	1.34E-04	1.47E-04	5.51E-05	3.77E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Cecil County	24015	U	Hydrazine	3.96E-08	6.30E-08	9.02E-08	1.33E-07	2.79E-07	5.19E-07	6.74E-07	8.71E-07	2.06E-07	7.30E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	Cecil County	24015	U	Lead Compounds	7.52E-04	7.81E-04	8.30E-04	9.55E-04	1.05E-03	1.24E-03	1.56E-03	1.57E-03	1.85E-04	1.85E-04	0.00E+00	6.79E-04	0.00E+00
Maryland	Cecil County	24015	U	Manganese Compounds	1.26E-04	1.50E-04	2.22E-04	3.56E-04	7.35E-04	1.19E-03	2.25E-03	2.29E-03	4.82E-04	2.43E-04	7.96E-06	1.98E-06	0.00E+00
Maryland	Cecil County	24015	U	Mercury Compounds	1.61E-03	1.63E-03	1.68E-03	1.72E-03	1.75E-03	1.80E-03	1.97E-03	2.04E-03	4.47E-05	1.59E-04	4.25E-05	7.40E-06	1.50E-03
Maryland	Cecil County	24015	U	Methylene Chloride	2.28E-01	2.30E-01	2.38E-01	2.50E-01	2.72E-01	2.66E-01	3.92E-01	4.45E-01	4.11E-02	8.05E-02	0.00E+00	0.00E+00	1.50E-01
Maryland	Cecil County	24015	U	Nickel Compounds	1.65E-04	2.27E-04	2.57E-04	3.06E-04	3.47E-04	4.21E-04	5.43E-04	6.49E-04	1.46E-04	1.52E-04	1.91E-05	3.00E-05	0.00E+00
Maryland	Cecil County	24015	U	Perchloroethylene	1.49E-01	1.51E-01	1.53E-01	1.58E-01	1.62E-01	1.68E-01	1.74E-01	2.01E-01	1.96E-06	2.24E-02	0.00E+00	0.00E+00	1.40E-01
Maryland	Cecil County	24015	U	Polychlorinated Biphenyls	4.10E-04	4.21E-04	4.33E-04	4.54E-04	4.81E-04	5.12E-04	5.70E-04	6.85E-04	3.61E-09	1.01E-04	0.00E+00	0.00E+00	3.80E-04
Maryland	Cecil County	24015	U	Polycyclic Organic Matter	1.70E-02	2.13E-02	2.72E-02	3.05E-02	3.09E-02	3.40E-02	4.15E-02	4.80E-02	1.18E-03	1.07E-02	7.85E-03	1.17E-03	0.00E+00
Maryland	Cecil County	24015	U	7-PAH	7.57E-04	8.85E-04	1.24E-03	1.36E-03	1.41E-03	1.43E-03	2.12E-03	2.23E-03	2.19E-06	1.33E-03	5.95E-05	2.05E-05	0.00E+00
Maryland	Cecil County	24015	U	Propylene Dichloride	6.93E-06	7.89E-06	9.46E-06	1.36E-05	1.87E-05	1.82E-05	2.95E-05	8.94E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Cecil County	24015	U	Quinoline	1.96E-07	2.21E-07	2.77E-07	3.37E-07	4.45E-07	5.86E-07	8.48E-07	1.07E-06	0.00E+00	4.45E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	Cecil County	24015	U	1,1,2,2-Tetrachloroethane	3.49E-05	4.38E-05	5.92E-05	7.62E-05	1.19E-04	9.56E-05	1.16E-04	7.77E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Cecil County	24015	U	Trichloroethylene	8.44E-02	8.47E-02	8.53E-02	8.57E-02	8.78E-02	8.76E-02	9.18E-02	1.08E-01	8.81E-05	6.67E-03	0.00E+00	0.00E+00	8.10E-02
Maryland	Cecil County	24015	U	Vinyl Chloride	3.62E-03	4.45E-03	7.21E-03	8.82E-03	1.10E-02	1.35E-02	2.04E-02	2.42E-02	9.76E-03	1.22E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	Acetaldehyde	1.73E-01	2.14E-01	3.05E-01	3.41E-01	3.60E-01	4.46E-01	4.87E-01	5.06E-01	8.37E-04	7.42E-03	3.21E-01	3.07E-02	0.00E+00
Maryland	Charles County	24017	U	Acrolein	2.93E-02	3.70E-02	4.72E-02	5.37E-02	5.40E-02	6.13E-02	7.32E-02	8.01E-02	1.55E-05	5.50E-03	3.88E-02	9.73E-03	0.00E+00
Maryland	Charles County	24017	U	Arsenic Compounds	6.88E-04	7.19E-04	8.72E-04	1.08E-03	1.59E-03	1.89E-03	3.27E-03	3.90E-03	1.08E-03	5.14E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	Arsenic Compounds	4.80E-05	4.83E-05	6.24E-05	7.84E-05	7.51E-05	8.61E-05	9.38E-05	9.53E-05	2.45E-05	1.11E-05	3.30E-05	6.50E-06	0.00E+00
Maryland	Charles County	24017	U	Benzene	7.84E-01	8.24E-01	8.94E-01	1.02E+00	9.92E-01	1.10E+00	1.14E+00	1.15E+00	2.91E-03	1.25E-01	2.98E-01	8.71E-02	4.80E-01
Maryland	Charles County	24017	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	Beryllium Compounds	4.61E-06	5.08E-06	6.61E-06	8.55E-06	8.70E-06	1.03E-05	1.23E-05	1.26E-05	1.20E-06	7.04E-06	0.00E+00	4.59E-07	0.00E+00
Maryland	Charles County	24017	U	1,3-Butadiene	9.67E-03	9.72E-03	1.19E-02	2.02E-02	2.20E-02	2.93E-02	3.78E-02	3.86E-02	0.00E+00	2.10E-04	1.71E-02	4.77E-03	0.00E+00
Maryland	Charles County	24017	U	Cadmium Compounds	9.58E-06	1.14E-05	1.44E-05	1.73E-05	2.15E-05	1.97E-05	2.67E-05	5.90E-05	5.50E-06	1.55E-05	0.00E+00	4.60E-07	0.00E+00
Maryland	Charles County	24017	U	Carbon Disulfide	4.78E-02	4.78E-02	4.81E-02	4.85E-02	4.86E-02	4.89E-02	4.93E-02	4.96E-02	1.50E-04	1.46E-03	0.00E+00	0.00E+00	4.70E-02
Maryland	Charles County	24017	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	1.97E-06	4.03E-04	0.00E+00	0.00E+00	8.80E-01
Maryland	Charles County	24017	U	Chloroform	9.23E-02	9.41E-02	9.84E-02	1.08E-01	1.12E-01	1.14E-01	1.15E-01	1.15E-01	1.15E-05	2.27E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	Charles County	24017	U	Chromium Compounds (includes Hexavalent)	1.97E-04	2.13E-04	2.58E-04	3.36E-04	4.08E-04	5.74E-04	6.65E-04	6.92E-04	3.55E-04	2.51E-05	2.68E-05	1.20E-06	0.00E+00
Maryland	Charles County	24017	U	Chromium VI	3.40E-05	3.49E-05	3.86E-05	4.99E-05	5.87E-05	7.63E-05	8.92E-05	1.04E-04	3.90E-05	8.63E-06	1.07E-05	4.07E-07	0.00E+00
Maryland	Charles County	24017	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	1,4-Dichlorobenzene	1.20E-02	1.31E-02	1.66E-02	2.60E-02	2.52E-02	3.22E-02	3.96E-02	4.06E-02	9.90E-05	2.52E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	1,3-Dichloropropene	2.12E-02	2.30E-02	2.91E-02	4.69E-02	4.59E-02	5.91E-02	7.35E-02	7.53E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.03E-07	2.56E-07	0.00E+00	0.00E+00	7.70E-03
Maryland	Charles County	24017	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.14E-02	6.15E-02	1.33E-04	4.67E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	Charles County	24017	U	Ethylene Oxide	6.67E-04	8.43E-04	1.56E-03	2.40E-03	3.07E-03	4.74E-03	6.27E-03	6.35E-03	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	Formaldehyde	4.28E-01	4.75E-01	5.55E-01	6.50E-01	6.20E-01	7.13E-01	7.40E-01	7.46E-01	1.96E-03	1.80E-02	2.88E-01	6.18E-02	2.50E-01
Maryland	Charles County	24017	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	9.35E-05	9.36E-05	9.36E-05	0.00E+00	4.21E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	Charles County	24017	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.02E-07	0.00E+00	0.00E+00	1.80E-03
Maryland	Charles County	24017	U	Hexamethylene Diisocyanate	2.94E-08	3.25E-08	4.91E-08	8.53E-08	1.72E-06	1.37E-07	1.63E-07	2.09E-07	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	Hydrazine	6.95E-10	7.24E-10	1.08E-09	2.30E-09	6.79E-09	3.57E-09	6.62E-09	3.84E-08	0.00E+00	6.79E-09	0.00E+00	0.00E+00	0.00E+00
Maryland	Charles County	24017	U	Lead Compounds	6.70E-04	7.06E-04	8.41E-04	9.58E-04	1.46E-03	1.28E-03	2.60E-03	3.70E-03	4.61E-05	5.57E-04	0.00E+00	8.53E-04	0.00E+00
Maryland	Charles County	24017	U	Manganese Compounds	2.04E-04	2.07E-04	2.54E-04	3.10E-04	3.76E-04	5.23E-04	6.02E-04	6.21E-04	3.28E-04	3.81E-05	8.24E-06	8.47E-07	0.00E+00
Maryland	Charles County	24017	U	Mercury Compounds	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.57E-03	1.58E-03	1.59E-03	1.60E-03	1.43E-05	1.67E-05	3.35E-05	5.69E-06	1.50E-03
Maryland	Charles County	24017	U	Methylene Chloride	2.00E-01	2.14E-01	2.43E-01	2.73E-01	2.76E-01	3.04E-01	3.26E-01	3.52E-01	2.60E-02	9.97E-02	0.00E+00	0.00E+00	1.50E-01
Maryland	Charles County	24017	U	Nickel Compounds	2.99E-04	3.33E-04	3.47E-04	4.92E-04	5.77E-04	6.49E-04	9.10E-04	1.37E-03	3.22E-04	2.33E-04	1.97E-05	3.07E-06	0.00E+00
Maryland	Charles County	24017	U	Perchloroethylene	1.57E-01	1.60E-01	1.67E-01	1.77E-01	1.76E-01	1.82E-01	1.85E-01	1.87E-01	2.59E-03	3.30E-02	0.00E+00	0.00E+00	1.40E-01
Maryland	Charles County	24017	U	Polychlorinated Biphenyls	4.10E-04	4.11E-04	4.16E-04	4.24E-04	4.29E-04	4.43E-04	4.50E-04	4.50E-04	0.00E+00	4.93E-05	0.00E+00	0.00E+00	3.80E-04
Maryland	Charles County	24017	U	Polycyclic Organic Matter	2.35E-02	2.46E-02	2.87E-02	3.49E-02	3.45E-02	4.14E-02	4.59E-02	4.68E-02	4.67E-06	2.44E-02	8.81E-03	1.36E-03	0.00E+00
Maryland	Charles County	24017	U	7-PAH	9.56E-04	1.00E-03	1.13E-03										

DRAFT FOR REVIEW ONLY
 Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Maryland	Dorchester County	24019	R	Acrylonitrile	3.28E-05	4.96E-05	6.69E-05	9.79E-05	1.07E-04	1.27E-04	1.97E-04	2.17E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Arsenic Compounds	6.05E-06	7.35E-06	1.36E-05	2.67E-05	2.79E-05	4.01E-05	5.60E-05	5.81E-05	1.08E-05	4.40E-06	8.57E-06	4.15E-06	0.00E+00
Maryland	Dorchester County	24019	R	Benzene	6.15E-01	6.16E-01	6.35E-01	6.48E-01	6.98E-01	7.69E-01	8.66E-01	9.57E-01	3.60E-05	4.02E-02	7.72E-02	1.01E-01	4.80E-01
Maryland	Dorchester County	24019	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Beryllium Compounds	4.12E-07	4.79E-07	9.23E-07	1.50E-06	2.15E-06	3.35E-06	5.17E-06	6.09E-06	5.38E-07	1.61E-06	0.00E+00	1.16E-09	0.00E+00
Maryland	Dorchester County	24019	R	1,3-Butadiene	4.37E-03	4.79E-03	5.44E-03	7.06E-03	1.17E-02	1.68E-02	2.85E-02	3.94E-02	0.00E+00	5.11E-04	6.72E-03	4.51E-03	0.00E+00
Maryland	Dorchester County	24019	R	Cadmium Compounds	7.43E-07	9.77E-07	1.86E-06	3.19E-06	3.70E-06	5.57E-06	7.78E-06	8.15E-06	1.52E-06	2.18E-06	0.00E+00	5.02E-09	0.00E+00
Maryland	Dorchester County	24019	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.72E-02	4.78E-02	4.83E-02	3.58E-06	2.56E-04	0.00E+00	0.00E+00	4.70E-02
Maryland	Dorchester County	24019	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.04E-05	0.00E+00	0.00E+00	8.80E-01
Maryland	Dorchester County	24019	R	Chloroform	8.38E-02	8.38E-02	8.43E-02	8.46E-02	8.59E-02	8.67E-02	9.08E-02	9.29E-02	0.00E+00	2.90E-03	0.00E+00	0.00E+00	8.30E-02
Maryland	Dorchester County	24019	R	Chromium Compounds (includes Hexavalent)	1.69E-05	1.71E-05	1.89E-05	2.08E-05	2.68E-05	3.57E-05	4.43E-05	4.46E-05	6.98E-06	1.34E-05	5.49E-06	8.84E-07	0.00E+00
Maryland	Dorchester County	24019	R	Chromium VI	6.18E-06	6.40E-06	6.92E-06	8.22E-06	1.07E-05	1.54E-05	1.94E-05	2.03E-05	3.50E-06	4.71E-06	2.21E-06	3.01E-07	0.00E+00
Maryland	Dorchester County	24019	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	1,4-Dichlorobenzene	1.46E-03	1.50E-03	2.44E-03	3.43E-03	5.99E-03	8.34E-03	1.57E-02	2.28E-02	0.00E+00	5.99E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	1,3-Dichloropropene	2.59E-03	2.63E-03	4.22E-03	6.33E-03	1.12E-02	1.57E-02	2.98E-02	4.36E-02	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.40E-08	0.00E+00	0.00E+00	7.70E-03
Maryland	Dorchester County	24019	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.10E-06	1.15E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	Dorchester County	24019	R	Ethylene Oxide	2.47E-04	2.69E-04	4.69E-04	6.15E-04	1.16E-03	1.56E-03	3.16E-03	4.27E-03	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Formaldehyde	3.06E-01	3.10E-01	3.22E-01	3.42E-01	3.48E-01	3.59E-01	4.05E-01	4.51E-01	5.17E-05	1.46E-02	4.48E-02	3.81E-02	2.50E-01
Maryland	Dorchester County	24019	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.38E-05	9.40E-05	0.00E+00	3.37E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	Dorchester County	24019	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.00E-08	0.00E+00	0.00E+00	1.80E-03
Maryland	Dorchester County	24019	R	Hexamethylene Diisocyanate	2.43E-09	2.86E-09	3.58E-09	5.95E-08	5.08E-08	7.32E-08	9.19E-08	1.08E-07	0.00E+00	5.08E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Hydrazine	5.70E-13	5.63E-11	2.26E-10	8.86E-10	1.86E-09	1.06E-09	1.86E-09	2.25E-09	0.00E+00	8.46E-10	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Lead Compounds	2.69E-04	3.37E-04	5.77E-04	7.89E-04	7.20E-04	9.01E-04	9.87E-04	1.04E-03	1.14E-05	1.72E-05	0.00E+00	6.91E-04	0.00E+00
Maryland	Dorchester County	24019	R	Manganese Compounds	4.61E-06	7.97E-06	1.39E-05	2.63E-05	2.59E-05	3.68E-05	4.71E-05	5.37E-05	1.39E-05	9.52E-06	1.77E-06	7.91E-07	0.00E+00
Maryland	Dorchester County	24019	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	2.20E-06	3.67E-06	9.81E-06	2.09E-06	1.50E-03
Maryland	Dorchester County	24019	R	Methylene Chloride	1.56E-01	1.57E-01	1.58E-01	1.62E-01	1.77E-01	1.85E-01	2.26E-01	2.49E-01	1.30E-04	2.66E-02	0.00E+00	0.00E+00	1.50E-01
Maryland	Dorchester County	24019	R	Nickel Compounds	3.10E-05	4.35E-05	7.36E-05	8.69E-05	1.10E-04	1.21E-04	2.24E-04	2.91E-04	5.86E-05	4.12E-05	4.13E-06	6.00E-06	0.00E+00
Maryland	Dorchester County	24019	R	Perchloroethylene	1.42E-01	1.43E-01	1.45E-01	1.48E-01	1.49E-01	1.53E-01	1.57E-01	1.61E-01	2.89E-03	5.99E-03	0.00E+00	0.00E+00	1.40E-01
Maryland	Dorchester County	24019	R	Polychlorinated Biphenyls	3.90E-04	3.91E-04	3.98E-04	4.02E-04	4.17E-04	4.32E-04	4.75E-04	4.99E-04	0.00E+00	3.72E-05	0.00E+00	0.00E+00	3.80E-04
Maryland	Dorchester County	24019	R	Polycyclic Organic Matter	3.05E-03	3.22E-03	5.05E-03	6.83E-03	6.95E-03	8.62E-03	1.12E-02	1.36E-02	1.27E-06	4.59E-03	1.74E-03	6.16E-04	0.00E+00
Maryland	Dorchester County	24019	R	7-PAH	1.94E-04	2.00E-04	3.05E-04	3.67E-04	4.08E-04	4.94E-04	7.02E-04	8.19E-04	1.77E-08	3.69E-04	1.28E-05	2.63E-05	0.00E+00
Maryland	Dorchester County	24019	R	Propylene Dichloride	1.84E-06	2.85E-06	3.89E-06	5.89E-06	6.07E-06	7.74E-06	1.03E-05	1.07E-05	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Quinoline	1.33E-11	1.13E-09	5.84E-09	1.44E-08	1.58E-08	2.18E-08	3.70E-08	4.21E-08	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	1,1,2,2-Tetrachloroethane	1.55E-05	2.43E-05	3.34E-05	5.04E-05	4.97E-05	6.10E-05	8.04E-05	9.43E-05	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Dorchester County	24019	R	Trichloroethylene	8.14E-02	8.16E-02	8.31E-02	8.91E-02	9.64E-02	9.19E-02	1.35E-01	1.74E-01	2.85E-03	1.26E-02	0.00E+00	0.00E+00	8.10E-02
Maryland	Dorchester County	24019	R	Vinyl Chloride	3.83E-05	5.99E-05	8.23E-05	1.25E-04	1.23E-04	1.51E-04	1.99E-04	2.33E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Frederick County	24021	U	Acetaldehyde	1.50E-01	1.69E-01	1.97E-01	2.98E-01	3.26E-01	4.10E-01	5.30E-01	6.82E-01	3.27E-04	8.29E-03	2.53E-01	6.47E-02	0.00E+00
Maryland	Frederick County	24021	U	Acrolein	2.81E-02	3.22E-02	3.69E-02	4.99E-02	5.13E-02	6.36E-02	7.34E-02	7.70E-02	1.16E-05	6.04E-03	3.45E-02	1.08E-02	0.00E+00
Maryland	Frederick County	24021	U	Acrylonitrile	1.52E-04	1.65E-04	2.05E-04	3.00E-04	3.95E-04	4.82E-04	6.15E-04	1.09E-03	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Frederick County	24021	U	Arsenic Compounds	3.98E-05	4.31E-05	5.07E-05	9.56E-05	1.82E-04	3.62E-04	4.12E-04	4.20E-04	8.06E-06	1.21E-04	3.98E-05	1.28E-05	0.00E+00
Maryland	Frederick County	24021	U	Benzene	7.64E-01	7.97E-01	8.66E-01	1.03E+00	1.11E+00	1.33E+00	1.59E+00	1.68E+00	2.99E-04	1.62E-01	3.25E-01	1.38E-01	4.80E-01
Maryland	Frederick County	24021	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Frederick County	24021	U	Beryllium Compounds	5.32E-06	5.49E-06	6.12E-06	8.29E-06	1.14E-05	1.18E-05	1.79E-05	3.57E-05	4.59E-07	9.54E-06	0.00E+00	1.36E-06	0.00E+00
Maryland	Frederick County	24021	U	1,3-Butadiene	8.40E-03	9.38E-03	1.57E-02	2.94E-02	4.09E-02	5.03E-02	1.00E-01	1.19E-01	0.00E+00	1.52E-04	2.61E-02	1.46E-02	0.00E+00
Maryland	Frederick County	24021	U	Cadmium Compounds	1.20E-04	1.62E-04	2.56E-04	4.10E-04	1.85E-03	2.77E-03	4.84E-03	7.21E-03	2.75E-06	1.84E-03	0.00E+00	1.35E-06	0.00E+00
Maryland	Frederick County	24021	U	Carbon Disulfide	4.75E-02	4.75E-02	4.76E-02	4.80E-02	4.87E-02	4.94E-02	5.03E-02	5.23E-02	6.22E-05	1.63E-03	0.00E+00	0.00E+00	4.70E-02
Maryland	Frederick County	24021	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.52E-05	4.57E-04	0.00E+00	0.00E+00	8.80E-01
Maryland	Frederick County	24021	U	Chloroform	9.59E-02	9.77E-02	9.91E-02	1.11E-01	1.19E-01	1.27E-01	1.63E-01	1.74E-01	1.31E-04	3.62E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	Frederick County	24021	U	Chromium Compounds (includes Hexavalent)	7.05E-05	8.23E-05	1.16E-04	1.67E-04	1.80E-04	2.44E-04	3.07E-04	3.12E-04	9.77E-05	5.00E-05	2.99E-05	2.35E-06	0.00E+00
Maryland	Frederick County	24021	U	Chromium VI	1.99E-05	2.12E-05	2.83E-05	3.41E-05	3.74E-05	4.66E-05	5.89E-05	6.09E-05	8.64E-06	1.60E-05	1.19E-05	8.00E-07	0.00E+00
Maryland	Frederick County	24021	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Frederick County	24021	U	1,4-Dichlorobenzene	9.64E-03	1.16E-02	1.29E-02	2.10E-02	2.86E-02	3.37E-02	5.74E-02	7.45E-02	1.76E-07	2.86E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Frederick County	24021	U	1,3-Dichloropropene	1.75E-02	2.07E-02	2.34E-02	3.82E-02	5.31E-02	6.28E-02	1.08E-01	1.42E-01	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Frederick County	24021	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.87E-07	0.00E+00	0.00E+00	7.70E-03
Maryland	Frederick County	24021	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	8.44E-06	3.89E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	Frederick County	24021	U	Ethylene													

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Maryland	Frederick County	24021	U	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.59E-03	1.63E-03	1.67E-03	1.76E-03	1.82E-03	8.99E-06	6.83E-05	4.21E-05	1.14E-05	1.50E-03	
Maryland	Frederick County	24021	U	Methylene Chloride	1.98E-01	2.02E-01	2.07E-01	2.39E-01	3.59E-01	4.59E-01	6.51E-01	8.49E-01	3.26E-05	2.09E-01	0.00E+00	0.00E+00	1.50E-01	
Maryland	Frederick County	24021	U	Nickel Compounds	1.14E-04	1.36E-04	1.60E-04	2.95E-04	3.99E-04	6.67E-04	7.97E-04	8.67E-04	1.29E-05	3.61E-04	2.23E-05	2.90E-06	0.00E+00	
Maryland	Frederick County	24021	U	Perchloroethylene	1.50E-01	1.50E-01	1.56E-01	1.70E-01	1.80E-01	1.96E-01	2.13E-01	2.42E-01	1.82E-05	3.98E-02	0.00E+00	0.00E+00	1.40E-01	
Maryland	Frederick County	24021	U	Polychlorinated Biphenyls	4.19E-04	4.20E-04	4.24E-04	4.46E-04	5.10E-04	5.75E-04	7.08E-04	7.41E-04	3.77E-08	1.30E-04	0.00E+00	0.00E+00	3.80E-04	
Maryland	Frederick County	24021	U	Polycyclic Organic Matter	7.50E-02	9.35E-02	1.45E-01	2.12E-01	3.29E-01	4.80E-01	7.37E-01	8.37E-01	2.92E-01	2.47E-02	9.53E-03	2.72E-03	0.00E+00	
Maryland	Frederick County	24021	U	7-PAH	1.15E-03	1.29E-03	1.52E-03	1.86E-03	2.07E-03	2.65E-03	3.21E-03	3.47E-03	2.83E-04	1.69E-03	6.79E-05	3.16E-05	0.00E+00	
Maryland	Frederick County	24021	U	Propylene Dichloride	8.56E-06	9.21E-06	1.06E-05	1.52E-05	1.96E-05	2.16E-05	3.01E-05	4.15E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Frederick County	24021	U	Quinoline	1.57E-08	2.10E-08	2.86E-08	3.44E-08	4.03E-08	4.14E-08	5.73E-08	1.12E-07	0.00E+00	4.03E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	Frederick County	24021	U	1,1,2,2-Tetrachloroethane	6.21E-05	6.65E-05	8.24E-05	1.00E-04	1.60E-04	1.43E-04	1.94E-04	3.16E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Frederick County	24021	U	Trichloroethylene	8.54E-02	8.56E-02	8.72E-02	9.17E-02	1.04E-01	1.15E-01	1.30E-01	1.59E-01	2.67E-05	2.33E-02	0.00E+00	0.00E+00	8.10E-02	
Maryland	Frederick County	24021	U	Vinyl Chloride	1.64E-04	1.79E-04	2.16E-04	3.04E-04	3.76E-04	3.96E-04	5.67E-04	6.88E-04	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Acetaldehyde	3.95E-02	3.95E-02	4.14E-02	4.72E-02	1.10E-01	1.97E-01	2.13E-01	2.13E-01	1.38E-02	4.03E-03	8.42E-02	7.95E-03	0.00E+00	
Maryland	Garrett County	24023	R	Acrolein	1.34E-02	1.34E-02	1.35E-02	1.56E-02	1.88E-02	2.51E-02	2.55E-02	2.55E-02	1.54E-04	5.32E-03	1.18E-02	1.46E-03	0.00E+00	
Maryland	Garrett County	24023	R	Acrylonitrile	4.02E-05	4.02E-05	4.15E-05	6.00E-05	7.44E-05	1.08E-04	1.42E-04	1.42E-04	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Arsenic Compounds	2.36E-05	2.36E-05	2.98E-05	4.72E-04	3.43E-04	5.54E-04	7.30E-04	7.30E-04	3.24E-04	2.70E-06	1.42E-05	2.04E-06	0.00E+00	
Maryland	Garrett County	24023	R	Benzene	5.95E-01	5.95E-01	6.09E-01	6.00E-01	6.82E-01	7.46E-01	7.92E-01	7.92E-01	5.57E-05	6.14E-02	1.23E-01	1.80E-02	4.80E-01	
Maryland	Garrett County	24023	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Beryllium Compounds	1.39E-06	1.39E-06	1.40E-06	3.67E-05	2.63E-05	4.32E-05	5.67E-05	5.67E-05	2.50E-05	1.13E-06	0.00E+00	2.15E-07	0.00E+00	
Maryland	Garrett County	24023	R	1,3-Butadiene	3.17E-03	3.17E-03	3.45E-03	5.69E-03	9.10E-03	1.53E-02	1.95E-02	1.95E-02	0.00E+00	2.38E-04	7.85E-03	1.02E-03	0.00E+00	
Maryland	Garrett County	24023	R	Cadmium Compounds	1.92E-06	1.92E-06	1.93E-06	2.37E-06	2.92E-06	4.40E-06	4.87E-06	4.87E-06	6.28E-07	2.08E-06	0.00E+00	2.14E-07	0.00E+00	
Maryland	Garrett County	24023	R	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.73E-02	4.79E-02	4.89E-02	4.97E-02	4.97E-02	5.83E-04	3.03E-04	0.00E+00	0.00E+00	4.70E-02	
Maryland	Garrett County	24023	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.36E-05	6.56E-05	0.00E+00	0.00E+00	8.80E-01	
Maryland	Garrett County	24023	R	Chloroform	8.48E-02	8.48E-02	8.52E-02	8.62E-02	8.72E-02	8.91E-02	9.31E-02	9.31E-02	1.47E-03	2.74E-03	0.00E+00	0.00E+00	8.30E-02	
Maryland	Garrett County	24023	R	Chromium Compounds (includes Hexavalent)	1.63E-05	1.63E-05	2.92E-05	2.30E-03	1.61E-03	2.69E-03	3.54E-03	3.54E-03	1.59E-03	1.10E-05	8.62E-06	2.30E-07	0.00E+00	
Maryland	Garrett County	24023	R	Chromium VI	6.15E-06	6.15E-06	1.05E-05	3.35E-04	2.37E-04	3.93E-04	5.12E-04	5.12E-04	2.29E-04	3.78E-06	3.42E-06	7.82E-08	0.00E+00	
Maryland	Garrett County	24023	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	1,4-Dichlorobenzene	2.98E-03	2.98E-03	3.30E-03	4.07E-03	4.50E-03	6.56E-03	6.65E-03	6.65E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	1,3-Dichloropropene	5.41E-03	5.41E-03	6.01E-03	7.31E-03	8.26E-03	1.23E-02	1.24E-02	1.24E-02	0.00E+00	8.26E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.05E-08	0.00E+00	0.00E+00	7.70E-03	
Maryland	Garrett County	24023	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.16E-02	6.18E-02	6.18E-02	2.19E-04	1.83E-05	0.00E+00	0.00E+00	6.10E-02	
Maryland	Garrett County	24023	R	Ethylene Oxide	5.57E-04	5.57E-04	5.99E-04	6.57E-04	8.51E-04	1.37E-03	1.37E-03	1.37E-03	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Formaldehyde	3.11E-01	3.11E-01	3.11E-01	3.25E-01	3.60E-01	4.09E-01	4.36E-01	4.36E-01	1.46E-03	2.00E-02	7.41E-02	1.42E-02	2.50E-01	
Maryland	Garrett County	24023	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	3.68E-07	0.00E+00	0.00E+00	9.30E-05	
Maryland	Garrett County	24023	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.91E-08	0.00E+00	0.00E+00	1.80E-03	
Maryland	Garrett County	24023	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	4.67E-06	6.77E-06	7.99E-06	2.54E-05	2.54E-05	0.00E+00	6.77E-06	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Hydrazine	3.63E-10	3.63E-10	5.08E-10	6.01E-10	6.44E-09	1.33E-08	2.87E-08	2.87E-08	0.00E+00	6.44E-09	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Lead Compounds	1.70E-04	1.70E-04	1.04E-03	2.15E-03	2.07E-03	3.32E-03	3.54E-03	3.54E-03	3.14E-04	1.48E-03	0.00E+00	2.75E-04	0.00E+00	
Maryland	Garrett County	24023	R	Manganese Compounds	1.32E-05	1.32E-05	2.18E-05	2.05E-03	1.48E-03	2.46E-03	3.35E-03	3.35E-03	1.40E-03	7.44E-05	2.75E-06	2.11E-07	0.00E+00	
Maryland	Garrett County	24023	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.58E-06	4.19E-06	1.68E-05	1.94E-06	1.50E-03	
Maryland	Garrett County	24023	R	Methylene Chloride	1.61E-01	1.61E-01	1.65E-01	1.67E-01	1.68E-01	1.76E-01	1.76E-01	1.76E-01	1.88E-05	1.84E-02	0.00E+00	0.00E+00	1.50E-01	
Maryland	Garrett County	24023	R	Nickel Compounds	2.46E-05	2.46E-05	2.24E-04	1.69E-03	1.28E-03	2.17E-03	2.44E-03	2.44E-03	9.34E-04	3.41E-04	6.49E-06	4.10E-07	0.00E+00	
Maryland	Garrett County	24023	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.45E-01	1.47E-01	1.52E-01	1.52E-01	1.52E-01	3.36E-04	6.67E-03	0.00E+00	0.00E+00	1.40E-01	
Maryland	Garrett County	24023	R	Polychlorinated Biphenyls	4.03E-04	4.03E-04	4.04E-04	4.11E-04	4.21E-04	4.50E-04	4.51E-04	4.51E-04	0.00E+00	4.66E-05	0.00E+00	0.00E+00	3.80E-04	
Maryland	Garrett County	24023	R	Polycyclic Organic Matter	8.98E-03	8.98E-03	9.56E-03	1.41E-02	1.29E-02	1.45E-02	1.47E-02	1.47E-02	5.62E-04	9.34E-03	2.72E-03	2.60E-04	0.00E+00	
Maryland	Garrett County	24023	R	7-PAH	4.09E-04	4.09E-04	4.16E-04	4.92E-04	5.54E-04	7.79E-04	7.82E-04	7.82E-04	1.04E-08	5.29E-04	2.17E-05	3.67E-06	0.00E+00	
Maryland	Garrett County	24023	R	Propylene Dichloride	2.17E-06	2.17E-06	2.28E-06	3.60E-06	4.24E-06	6.01E-06	8.08E-06	8.08E-06	0.00E+00	4.24E-06	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Quinoline	1.01E-08	1.01E-08	1.50E-08	1.55E-08	3.44E-08	5.62E-08	1.09E-07	1.09E-07	0.00E+00	3.44E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	1,1,2,2-Tetrachloroethane	1.27E-05	1.27E-05	1.69E-05	2.48E-05	3.15E-05	4.75E-05	6.71E-05	6.71E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Garrett County	24023	R	Trichloroethylene	8.20E-02	8.20E-02	8.22E-02	8.34E-02	8.32E-02	8.40E-02	8.40E-02	8.40E-02	2.35E-04	1.97E-03	0.00E+00	0.00E+00	8.10E-02	
Maryland	Garrett County	24023	R	Vinyl Chloride	3.18E-05	3.18E-05	4.22E-05	6.28E-05	7.88E-05	1.18E-04	1.66E-04	1.66E-04	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Harford County	24025	U	Acetaldehyde	2.97E-01	3.29E-01	3.70E-01	4.82E-01	5.71E-01	6.93E-01	9.90E-01	1.11E+00	1.06E-01	1.48E-02	3.00E-01	6.04E-02	0.00E+00	
Maryland	Harford County	24025	U	Acrolein	4.51E-02	4.93E-02	6.04E-02	7.12E-02	7.52E-02	9.12E-02	1.04E-01	1.08E-01	5.60E-05	5.71E-03	5.68E-02	1.26E-02	0.00E+00	
Maryland	Harford County	24025	U	Acrylonitrile	1.77E-04	1.87E-04	3.58E-04	5.18E-04	5.35E-04	5.92E-04	9.79E-04	1.09E-03	7.91E-05	4.56E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Harford County	24025	U	Arsenic Compounds	6.78E-05	7.31E-05	9.27E-05	1.15E-04	1.25E-04	1.52E-04	1.95E-04	2.10E-04	3.71E-05	1.92E-05	5.60E-05	1.27E-05	0.00E+00	
Maryland	Harford County	24025	U	Benzene	9.62E-01	9.70E-01	1.05E+00	1.16E+00	1.24E+00	1.30E+00	1.73E+00	1.81E+00	1.52E-03	1.45E-01	4.82E-01	1.31E-01	4.80E-01	
Maryland	Harford County	24025	U	Benzidine	0.00E+00													

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Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts										Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background		
Maryland	Harford County	24025	U	Chromium VI	4.41E-05	4.65E-05	5.28E-05	6.73E-05	7.35E-05	8.32E-05	1.09E-04	1.47E-04	2.44E-05	3.06E-05	1.75E-05	1.02E-06	0.00E+00		
Maryland	Harford County	24025	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	1,4-Dichlorobenzene	1.76E-02	1.88E-02	2.38E-02	3.47E-02	3.49E-02	4.10E-02	5.21E-02	5.29E-02	2.38E-04	3.47E-02	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	1,3-Dichloropropene	3.05E-02	3.25E-02	4.21E-02	6.08E-02	6.23E-02	7.48E-02	9.42E-02	9.57E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	Ethylene Dichloride	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.70E-03	7.73E-03	7.73E-03	4.42E-08	5.54E-06	0.00E+00	0.00E+00	7.70E-03		
Maryland	Harford County	24025	U	Ethylene Dibromide	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.45E-05	5.78E-05	0.00E+00	0.00E+00	6.10E-02		
Maryland	Harford County	24025	U	Ethylene Oxide	2.82E-03	3.02E-03	4.66E-03	6.88E-03	6.82E-03	8.33E-03	1.02E-02	1.06E-02	1.18E-06	6.82E-03	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	Formaldehyde	5.37E-01	5.53E-01	5.93E-01	7.01E-01	7.78E-01	8.03E-01	1.22E+00	1.33E+00	1.91E-03	1.47E-02	4.01E-01	1.10E-01	2.50E-01		
Maryland	Harford County	24025	U	Hexachlorobenzene	9.41E-05	9.43E-05	9.51E-05	9.64E-05	9.80E-05	9.86E-05	1.03E-04	1.10E-04	4.36E-06	6.65E-07	0.00E+00	0.00E+00	9.30E-05		
Maryland	Harford County	24025	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.82E-03	1.81E-03	1.90E-03	1.91E-03	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.80E-03		
Maryland	Harford County	24025	U	Hexamethylene Diisocyanate	7.62E-06	9.65E-06	1.38E-05	2.74E-05	4.55E-05	5.89E-05	9.67E-05	1.32E-04	2.49E-06	4.30E-05	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	Hydrazine	1.76E-08	1.85E-08	2.21E-08	6.27E-08	2.00E-07	1.34E-07	9.68E-07	9.82E-07	8.59E-09	1.92E-07	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	Lead Compounds	1.16E-03	1.29E-03	1.71E-03	2.05E-03	2.41E-03	2.51E-03	3.50E-03	4.35E-03	5.30E-04	4.17E-04	0.00E+00	1.47E-03	0.00E+00		
Maryland	Harford County	24025	U	Manganese Compounds	9.18E-04	1.25E-03	1.68E-03	2.98E-03	2.96E-03	3.75E-03	4.68E-03	5.41E-03	1.61E-03	1.33E-03	1.37E-05	4.35E-06	0.00E+00		
Maryland	Harford County	24025	U	Mercury Compounds	1.65E-03	1.70E-03	1.73E-03	1.80E-03	1.83E-03	1.91E-03	2.00E-03	2.03E-03	1.89E-04	7.00E-05	5.83E-05	1.12E-05	1.50E-03		
Maryland	Harford County	24025	U	Methylene Chloride	2.51E-01	2.52E-01	3.00E-01	3.89E-01	4.34E-01	4.80E-01	6.94E-01	8.38E-01	1.17E-01	1.67E-01	0.00E+00	0.00E+00	1.50E-01		
Maryland	Harford County	24025	U	Nickel Compounds	3.19E-04	3.74E-04	5.90E-04	9.21E-04	8.89E-04	1.13E-03	1.29E-03	1.44E-03	5.78E-04	3.80E-04	3.26E-05	7.78E-05	0.00E+00		
Maryland	Harford County	24025	U	Perchloroethylene	1.58E-01	1.59E-01	1.66E-01	1.77E-01	1.79E-01	1.88E-01	2.00E-01	2.08E-01	1.95E-04	3.88E-02	0.00E+00	0.00E+00	1.40E-01		
Maryland	Harford County	24025	U	Polychlorinated Biphenyls	4.13E-04	4.15E-04	4.22E-04	4.46E-04	4.56E-04	4.80E-04	5.10E-04	5.17E-04	4.03E-08	7.56E-05	0.00E+00	0.00E+00	3.80E-04		
Maryland	Harford County	24025	U	Polycyclic Organic Matter	3.10E-02	3.26E-02	3.61E-02	3.83E-02	4.18E-02	4.73E-02	5.78E-02	5.94E-02	5.91E-04	2.52E-02	1.38E-02	2.21E-03	0.00E+00		
Maryland	Harford County	24025	U	7-PAH	1.28E-03	1.32E-03	1.60E-03	1.77E-03	1.75E-03	1.87E-03	2.03E-03	2.34E-03	1.85E-06	1.62E-03	9.69E-05	3.37E-05	0.00E+00		
Maryland	Harford County	24025	U	Propylene Dichloride	1.11E-05	1.24E-05	2.24E-05	3.11E-05	3.30E-05	4.12E-05	5.39E-05	5.96E-05	4.79E-06	8.82E-05	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	Quinoline	3.03E-07	3.37E-07	3.73E-07	4.30E-07	8.58E-07	6.78E-07	2.98E-06	3.04E-06	0.00E+00	8.58E-07	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	1,1,2,2-Tetrachloroethane	4.75E-05	7.52E-05	1.23E-04	1.69E-04	1.99E-04	2.27E-04	4.18E-04	4.82E-04	4.39E-05	1.56E-04	0.00E+00	0.00E+00	0.00E+00		
Maryland	Harford County	24025	U	Trichloroethylene	8.96E-02	9.09E-02	9.41E-02	1.02E-01	1.01E-01	1.06E-01	1.12E-01	1.16E-01	1.54E-03	1.84E-02	0.00E+00	0.00E+00	8.10E-02		
Maryland	Harford County	24025	U	Vinyl Chloride	1.49E-04	2.86E-04	4.59E-04	6.20E-04	1.33E-03	1.57E-03	5.58E-03	6.35E-03	1.37E-03	4.57E-04	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	Acetaldehyde	4.78E-01	4.87E-01	5.55E-01	6.34E-01	6.43E-01	6.64E-01	8.78E-01	9.80E-01	1.03E-01	1.62E-02	4.14E-01	1.10E-01	0.00E+00		
Maryland	Howard County	24027	U	Acrolein	8.77E-02	8.84E-02	9.87E-02	1.07E-01	1.07E-01	1.12E-01	1.26E-01	1.34E-01	2.85E-05	8.99E-03	7.23E-02	2.57E-02	0.00E+00		
Maryland	Howard County	24027	U	Arsenic Compounds	9.43E-04	1.06E-03	1.30E-03	1.40E-03	1.70E-03	1.63E-03	2.17E-03	2.79E-03	1.59E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	Arsenic Compounds	1.10E-04	1.22E-04	1.36E-04	1.60E-04	1.62E-04	1.74E-04	2.02E-04	2.35E-04	4.96E-05	3.22E-05	5.88E-05	2.13E-05	0.00E+00		
Maryland	Howard County	24027	U	Benzene	1.18E+00	1.26E+00	1.30E+00	1.36E+00	1.45E+00	1.52E+00	1.90E+00	1.98E+00	1.41E-03	1.56E-01	5.53E-01	2.56E-01	4.80E-01		
Maryland	Howard County	24027	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	Beryllium Compounds	1.32E-05	1.56E-05	1.74E-05	1.87E-05	1.98E-05	2.21E-05	2.51E-05	2.71E-05	2.11E-06	1.65E-05	0.00E+00	1.21E-06	0.00E+00		
Maryland	Howard County	24027	U	1,3-Butadiene	2.56E-02	3.01E-02	3.35E-02	3.99E-02	5.46E-02	6.41E-02	1.16E-01	1.27E-01	0.00E+00	1.60E-04	2.94E-02	2.50E-02	0.00E+00		
Maryland	Howard County	24027	U	Cadmium Compounds	7.34E-05	7.64E-05	8.43E-05	9.97E-05	1.00E-04	1.09E-04	1.23E-04	1.38E-04	6.67E-05	3.22E-05	0.00E+00	1.38E-06	0.00E+00		
Maryland	Howard County	24027	U	Carbon Disulfide	4.87E-02	4.90E-02	4.95E-02	5.02E-02	5.03E-02	5.07E-02	5.21E-02	5.24E-02	6.65E-04	2.62E-03	0.00E+00	0.00E+00	4.70E-02		
Maryland	Howard County	24027	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	1.25E-05	6.85E-04	0.00E+00	0.00E+00	8.80E-01		
Maryland	Howard County	24027	U	Chloroform	1.20E-01	1.34E-01	1.51E-01	1.58E-01	1.60E-01	1.75E-01	1.86E-01	1.97E-01	1.70E-06	7.73E-02	0.00E+00	0.00E+00	8.30E-02		
Maryland	Howard County	24027	U	Chromium Compounds (includes Hexavalent)	1.70E-04	1.95E-04	2.09E-04	2.52E-04	2.74E-04	2.85E-04	3.48E-04	4.89E-04	1.11E-04	1.08E-04	4.99E-05	4.95E-06	0.00E+00		
Maryland	Howard County	24027	U	Chromium VI	4.18E-05	4.26E-05	5.03E-05	5.61E-05	6.05E-05	6.56E-05	7.67E-05	1.15E-04	9.99E-06	2.89E-05	1.99E-05	1.68E-06	0.00E+00		
Maryland	Howard County	24027	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	1,4-Dichlorobenzene	2.95E-02	3.84E-02	4.85E-02	5.29E-02	5.33E-02	6.00E-02	6.74E-02	7.52E-02	1.47E-05	5.33E-02	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	1,3-Dichloropropene	5.14E-02	6.82E-02	8.75E-02	9.56E-02	9.64E-02	1.09E-01	1.24E-01	1.39E-01	0.00E+00	9.64E-02	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	Ethylene Dibromide	7.72E-03	7.72E-03	7.72E-03	7.72E-03	7.72E-03	7.73E-03	7.74E-03	7.74E-03	8.92E-08	2.47E-05	0.00E+00	0.00E+00	7.70E-03		
Maryland	Howard County	24027	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	2.48E-05	1.06E-04	0.00E+00	0.00E+00	6.10E-02		
Maryland	Howard County	24027	U	Ethylene Oxide	5.58E-03	6.79E-03	9.13E-03	1.02E-02	1.02E-02	1.16E-02	1.31E-02	1.42E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	Formaldehyde	7.34E-01	7.69E-01	8.16E-01	8.75E-01	9.26E-01	9.40E-01	1.17E+00	1.36E+00	2.35E-03	1.81E-02	4.31E-01	2.25E-01	2.50E-01		
Maryland	Howard County	24027	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.36E-05	9.37E-05	9.38E-05	1.96E-07	1.20E-07	0.00E+00	0.00E+00	9.30E-05		
Maryland	Howard County	24027	U	Hexachlorobutadiene	1.84E-03	1.85E-03	1.86E-03	1.87E-03	1.87E-03	1.88E-03	1.90E-03	1.91E-03	0.00E+00	7.22E-05	0.00E+00	0.00E+00	1.80E-03		
Maryland	Howard County	24027	U	Hexamethylene Diisocyanate	2.90E-05	3.49E-05	4.33E-05	5.89E-05	7.43E-05	8.45E-05	1.34E-04	2.01E-04	1.28E-06	7.30E-05	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	Hydrazine	4.43E-09	6.65E-09	1.07E-08	2.01E-08	3.26E-08	4.30E-08	8.71E-08	9.24E-08	0.00E+00	3.26E-08	0.00E+00	0.00E+00	0.00E+00		
Maryland	Howard County	24027	U	Lead Compounds	1.49E-03	1.58E-03	1.74E-03	2.11E-03	2.14E-03	2.35E-03	2.61E-03	3.04E-03	2.84E-04	6.12E-04	0.00E+00	1.24E-03	0.00E+00		
Maryland	Howard County	24027	U	Manganese Compounds	1.68E-03	2.07E-03	2.76E-03	3.54E-03	3.66E-03	4.31E-03	4.96E-03	6.37E-03	1.47E-03	2.16E-03	1.55E-05	4.82E-06	0.00E+00		
Maryland	Howard County	24027	U	Mercury Compounds	1.72E-03	1.72E-03	1.75E-03	1.79E-03	1.79E-03	1.82E-03	1.84E-03	1.88E-03	1.21E-04	9.44E-05	5.82E-05	1.78E-05	1.50E-03		
Maryland	Howard County	24027	U	Methylene Chloride	2.71E-01	2.96E-01	3.41E-01	3.85E-01	4.01E-01	4.32E-01	5.19E-01	5.60E-01	3.75E-03	2.47E-01	0.00E+00	0.00E+00	1.50E-01		
Maryland	Howard County	24027	U	Nickel Compounds	5.70E-04	6.93E-04	8.77E-04	1.10E-03	1.16E-03	1.35E-03	1.56E-03	1.77E-03	6.73E-04	3.83E-04	3.69E-05				

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 Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Maryland	Howard County	24027	U	Vinyl Chloride	1.28E-03	1.46E-03	1.66E-03	1.81E-03	2.58E-03	2.27E-03	3.40E-03	5.16E-03	2.18E-04	2.37E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Acetaldehyde	2.39E-01	2.39E-01	6.90E-01	8.03E-01	8.93E-01	1.31E+00	1.43E+00	1.43E+00	5.89E-01	3.43E-02	2.04E-01	6.55E-02	0.00E+00
Maryland	Kent County	24029	R	Acrolein	2.24E-02	2.24E-02	4.69E-02	4.89E-02	4.93E-02	6.04E-02	6.78E-02	6.78E-02	8.48E-02	2.79E-03	3.29E-02	1.28E-02	0.00E+00
Maryland	Kent County	24029	R	Acrylonitrile	5.45E-04	5.45E-04	6.18E-04	7.48E-04	7.10E-04	8.11E-04	8.29E-04	8.29E-04	4.30E-04	2.80E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Arsenic Compounds	4.23E-05	4.23E-05	1.35E-04	1.71E-04	1.48E-04	1.78E-04	2.12E-04	2.12E-04	1.07E-04	8.30E-06	2.35E-05	8.92E-06	0.00E+00
Maryland	Kent County	24029	R	Benzene	6.75E-01	6.75E-01	8.50E-01	9.60E-01	8.86E-01	9.69E-01	9.77E-01	9.77E-01	3.81E-03	7.08E-02	2.17E-01	1.14E-01	4.80E-01
Maryland	Kent County	24029	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Beryllium Compounds	3.29E-06	3.29E-06	8.63E-06	1.04E-05	8.93E-06	1.10E-05	1.13E-05	1.13E-05	4.41E-06	4.20E-06	0.00E+00	3.22E-07	0.00E+00
Maryland	Kent County	24029	R	1,3-Butadiene	5.64E-03	5.64E-03	7.80E-03	1.19E-02	1.21E-02	1.26E-02	2.25E-02	2.25E-02	8.99E-05	1.55E-04	6.73E-03	5.12E-03	0.00E+00
Maryland	Kent County	24029	R	Cadmium Compounds	1.68E-05	1.68E-05	1.49E-04	1.65E-04	1.73E-04	2.45E-04	2.90E-04	2.90E-04	1.62E-04	1.10E-05	0.00E+00	5.76E-07	0.00E+00
Maryland	Kent County	24029	R	Carbon Disulfide	4.79E-02	4.79E-02	4.96E-02	5.03E-02	5.02E-02	5.11E-02	5.23E-02	5.23E-02	1.44E-03	1.78E-03	0.00E+00	0.00E+00	4.70E-02
Maryland	Kent County	24029	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	2.07E-05	3.23E-04	0.00E+00	0.00E+00	8.80E-01
Maryland	Kent County	24029	R	Chloroform	8.59E-02	8.59E-02	9.27E-02	9.46E-02	9.33E-02	9.55E-02	9.75E-02	9.75E-02	4.03E-06	1.02E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	Kent County	24029	R	Chromium Compounds (includes Hexavalent)	2.06E-04	2.06E-04	4.71E-04	5.67E-04	5.25E-04	6.28E-04	7.51E-04	7.51E-04	3.06E-04	1.97E-04	1.91E-05	3.06E-06	0.00E+00
Maryland	Kent County	24029	R	Chromium VI	1.65E-05	1.65E-05	6.20E-05	6.61E-05	5.93E-05	6.73E-05	8.48E-05	8.48E-05	2.48E-05	2.58E-05	7.62E-06	1.04E-06	0.00E+00
Maryland	Kent County	24029	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	1,4-Dichlorobenzene	7.11E-03	7.11E-03	1.34E-02	1.41E-02	1.37E-02	1.53E-02	1.88E-02	1.88E-02	4.82E-04	1.33E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	1,3-Dichloropropene	1.01E-02	1.01E-02	1.97E-02	2.23E-02	2.19E-02	2.51E-02	3.23E-02	3.23E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.74E-03	7.78E-03	7.84E-03	7.84E-03	1.45E-07	4.35E-05	0.00E+00	0.00E+00	7.70E-03
Maryland	Kent County	24029	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	4.36E-05	4.57E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	Kent County	24029	R	Ethylene Oxide	1.44E-03	1.44E-03	2.82E-03	3.13E-03	2.99E-03	3.22E-03	4.32E-03	4.32E-03	1.20E-04	2.87E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Formaldehyde	4.08E-01	4.08E-01	5.66E-01	5.87E-01	5.70E-01	5.99E-01	6.92E-01	6.92E-01	5.25E-03	1.06E-02	2.02E-01	1.02E-01	2.50E-01
Maryland	Kent County	24029	R	Hexachlorobenzene	9.47E-05	9.47E-05	9.49E-05	9.52E-05	9.55E-05	9.64E-05	9.65E-05	9.65E-05	2.21E-06	3.31E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	Kent County	24029	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.93E-03	2.04E-03	2.20E-03	2.20E-03	0.00E+00	1.29E-04	0.00E+00	0.00E+00	1.80E-03
Maryland	Kent County	24029	R	Hexamethylene Diisocyanate	2.88E-05	2.88E-05	3.11E-05	3.73E-05	3.78E-05	4.73E-05	2.19E-04	2.19E-04	3.13E-06	6.96E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Hydrazine	6.48E-09	6.48E-09	1.18E-08	3.99E-08	6.51E-08	5.75E-08	2.10E-07	2.10E-07	1.44E-08	5.07E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Lead Compounds	1.54E-03	1.54E-03	2.70E-03	2.79E-03	2.86E-03	3.38E-03	3.88E-03	3.88E-03	8.17E-04	4.61E-04	0.00E+00	1.58E-03	0.00E+00
Maryland	Kent County	24029	R	Manganese Compounds	5.79E-05	5.79E-05	7.71E-03	8.32E-03	8.87E-03	1.21E-02	1.62E-02	1.62E-02	4.60E-03	4.27E-03	5.62E-06	5.72E-06	0.00E+00
Maryland	Kent County	24029	R	Mercury Compounds	1.66E-03	1.66E-03	1.75E-03	1.88E-03	1.83E-03	1.90E-03	1.97E-03	1.97E-03	1.99E-04	9.94E-05	2.42E-05	8.00E-06	1.50E-03
Maryland	Kent County	24029	R	Methylene Chloride	1.93E-01	1.93E-01	2.30E-01	2.36E-01	2.34E-01	2.44E-01	2.69E-01	2.69E-01	1.62E-02	6.82E-02	0.00E+00	0.00E+00	1.50E-01
Maryland	Kent County	24029	R	Nickel Compounds	1.27E-04	1.27E-04	1.63E-03	2.51E-03	2.07E-03	2.61E-03	3.45E-03	3.45E-03	1.75E-03	1.88E-04	1.40E-05	1.18E-04	0.00E+00
Maryland	Kent County	24029	R	Perchloroethylene	1.46E-01	1.46E-01	1.66E-01	1.69E-01	1.76E-01	1.89E-01	2.08E-01	2.08E-01	5.59E-03	3.01E-02	0.00E+00	0.00E+00	1.40E-01
Maryland	Kent County	24029	R	Polychlorinated Biphenyls	3.99E-04	3.99E-04	4.00E-04	4.04E-04	4.14E-04	4.14E-04	4.52E-04	4.52E-04	6.86E-08	3.38E-05	0.00E+00	0.00E+00	3.80E-04
Maryland	Kent County	24029	R	Polycyclic Organic Matter	1.23E-02	1.23E-02	1.91E-02	2.21E-02	2.07E-02	2.41E-02	2.61E-02	2.61E-02	5.40E-04	1.19E-02	6.11E-03	2.14E-03	0.00E+00
Maryland	Kent County	24029	R	7-PAH	5.63E-04	5.63E-04	7.29E-04	8.52E-04	8.51E-04	1.01E-03	1.10E-03	1.10E-03	7.37E-07	1.66E-04	4.15E-05	4.22E-05	0.00E+00
Maryland	Kent County	24029	R	Propylene Dichloride	4.95E-06	4.95E-06	2.26E-05	3.32E-05	2.79E-05	3.51E-05	4.37E-05	4.37E-05	1.57E-05	1.22E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Quinoline	1.08E-07	1.08E-07	1.17E-07	1.24E-07	2.37E-07	1.82E-07	6.53E-07	6.53E-07	0.00E+00	2.37E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	1,1,2,2-Tetrachloroethane	3.13E-05	3.13E-05	1.63E-04	2.16E-04	2.13E-04	2.91E-04	3.64E-04	3.64E-04	1.44E-04	6.90E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Kent County	24029	R	Trichloroethylene	8.33E-02	8.33E-02	9.23E-02	9.24E-02	9.20E-02	9.34E-02	9.84E-02	9.84E-02	1.58E-03	9.39E-03	0.00E+00	0.00E+00	8.10E-02
Maryland	Kent County	24029	R	Vinyl Chloride	5.60E-04	5.60E-04	8.27E-04	9.05E-04	3.30E-03	5.56E-03	8.66E-03	8.66E-03	3.09E-03	2.09E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Acetaldehyde	3.56E-01	4.04E-01	4.81E-01	5.93E-01	7.18E-01	7.28E-01	1.31E+00	1.70E+00	1.19E-02	1.17E-02	5.85E-01	1.09E-01	0.00E+00
Maryland	Montgomery County	24031	U	Acrolein	7.77E-02	8.54E-02	1.03E-01	1.13E-01	1.14E-01	1.26E-01	1.41E-01	1.59E-01	2.14E-05	1.10E-02	7.75E-02	2.58E-02	0.00E+00
Maryland	Montgomery County	24031	U	Acrylonitrile	4.74E-04	5.46E-04	7.22E-04	7.75E-04	8.61E-04	8.70E-04	1.13E-03	1.35E-03	1.48E-04	7.13E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Arsenic Compounds	9.29E-05	9.72E-05	1.29E-04	1.55E-04	1.72E-04	1.96E-04	2.60E-04	3.26E-04	3.48E-05	3.72E-05	7.75E-05	2.21E-05	0.00E+00
Maryland	Montgomery County	24031	U	Benzene	1.21E+00	1.26E+00	1.38E+00	1.51E+00	1.69E+00	1.79E+00	2.32E+00	2.92E+00	7.58E-04	1.74E-01	7.39E-01	2.96E-01	4.80E-01
Maryland	Montgomery County	24031	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Beryllium Compounds	1.29E-05	1.48E-05	1.63E-05	1.89E-05	2.23E-05	2.33E-05	3.06E-05	4.56E-05	1.59E-06	1.98E-05	0.00E+00	9.12E-07	0.00E+00
Maryland	Montgomery County	24031	U	1,3-Butadiene	2.84E-02	3.33E-02	4.23E-02	6.12E-02	9.16E-02	1.03E-01	1.88E-01	2.88E-01	0.00E+00	7.94E-05	6.03E-02	3.12E-02	0.00E+00
Maryland	Montgomery County	24031	U	Cadmium Compounds	2.84E-05	3.10E-05	3.71E-05	6.88E-05	9.28E-05	1.41E-04	1.70E-04	1.95E-04	1.05E-05	8.14E-05	0.00E+00	9.27E-07	0.00E+00
Maryland	Montgomery County	24031	U	Carbon Disulfide	4.81E-02	4.84E-02	4.90E-02	4.95E-02	5.01E-02	5.14E-02	5.14E-02	5.14E-02	1.16E-04	2.96E-03	0.00E+00	0.00E+00	4.70E-02
Maryland	Montgomery County	24031	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	1.91E-06	9.07E-04	0.00E+00	0.00E+00	8.80E-01
Maryland	Montgomery County	24031	U	Chloroform	1.39E-01	1.46E-01	1.62E-01	1.79E-01	1.85E-01	1.98E-01	2.23E-01	2.64E-01	1.58E-06	1.02E-01	0.00E+00	0.00E+00	8.30E-02
Maryland	Montgomery County	24031	U	Chromium Compounds (includes Hexavalent)	1.03E-04	1.13E-04	1.32E-04	1.52E-04	1.66E-04	1.88E-04	2.45E-04	2.82E-04	4.60E-05	4.71E-05	6.86E-05	4.79E-06	0.00E+00
Maryland	Montgomery County	24031	U	Chromium VI	2.58E-05	2.88E-05	3.87E-05	4.41E-05	5.05E-05	5.70E-05	7.79E-05	9.92E-05	3.93E-06	1.75E-05	2.74E-05	1.63E-06	0.00E+00
Maryland	Montgomery County	24031	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	1,4-Dichlorobenzene	3.65E-02	4.15E-02	5.19E-02	6.34E-02	6.65E-02	7.48E-02	9.46E-02	1.18E-01	1.37E-05	6.65E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	1,3-Dichloropropene	6.59E-02	7.49E-02	9.63E-02	1.18E-01	1.24E-01								

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Maryland	Montgomery County	24031	U	Hydrazine	1.91E-09	3.03E-09	3.83E-09	5.65E-09	1.50E-08	9.35E-09	2.69E-08	6.41E-08	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Lead Compounds	1.15E-03	1.23E-03	1.38E-03	1.59E-03	1.96E-03	1.88E-03	2.47E-03	3.02E-03	8.14E-05	3.30E-04	0.00E+00	1.55E-03	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Manganese Compounds	1.50E-04	1.58E-04	1.80E-04	4.20E-04	5.47E-04	7.56E-04	1.15E-03	1.51E-03	1.09E-04	4.12E-04	2.20E-05	3.04E-06	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Mercury Compounds	1.60E-03	1.61E-03	1.65E-03	1.69E-03	1.70E-03	1.72E-03	1.78E-03	1.83E-03	5.01E-05	5.39E-05	7.39E-05	1.73E-05	1.50E-03	0.00E+00
Maryland	Montgomery County	24031	U	Methylene Chloride	2.82E-01	3.05E-01	3.49E-01	4.13E-01	4.59E-01	4.78E-01	6.23E-01	6.83E-01	3.38E-03	3.05E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Maryland	Montgomery County	24031	U	Nickel Compounds	2.75E-04	3.01E-04	3.86E-04	6.21E-04	5.63E-04	6.99E-04	7.73E-04	9.00E-04	1.44E-04	3.57E-04	5.08E-05	1.12E-05	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Perchloroethylene	1.89E-01	2.01E-01	2.22E-01	2.45E-01	2.67E-01	2.89E-01	3.39E-01	3.73E-01	2.96E-03	1.24E-01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Maryland	Montgomery County	24031	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.86E-04	3.87E-04	3.89E-04	3.91E-04	3.94E-04	3.97E-04	2.59E-08	8.90E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Maryland	Montgomery County	24031	U	Polycyclic Organic Matter	5.31E-02	5.67E-02	9.93E-02	1.24E-01	1.29E-01	1.63E-01	2.00E-01	2.20E-01	6.31E-02	3.88E-02	2.18E-02	5.71E-03	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	7-PAH	1.31E-03	1.34E-03	1.43E-03	1.64E-03	2.11E-03	2.11E-03	3.30E-03	5.41E-03	5.86E-05	1.85E-03	1.43E-04	6.26E-05	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Propylene Dichloride	2.22E-05	2.66E-05	3.04E-05	3.31E-05	3.73E-05	3.81E-05	4.93E-05	5.96E-05	8.95E-06	2.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Quinoline	3.64E-08	4.36E-08	4.90E-08	5.85E-08	8.05E-08	7.25E-08	1.12E-07	2.04E-07	0.00E+00	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	1,1,2,2-Tetrachloroethane	1.63E-04	2.05E-04	2.18E-04	2.42E-04	2.73E-04	2.71E-04	3.31E-04	4.42E-04	8.20E-05	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Montgomery County	24031	U	Trichloroethylene	9.87E-02	1.05E-01	1.12E-01	1.23E-01	1.38E-01	1.40E-01	1.69E-01	2.03E-01	3.68E-04	5.67E-02	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Maryland	Montgomery County	24031	U	Vinyl Chloride	5.46E-04	6.25E-04	7.14E-04	7.61E-04	8.46E-04	8.32E-04	1.01E-03	1.28E-03	2.02E-04	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Acetaldehyde	2.50E-01	2.93E-01	3.91E-01	5.25E-01	6.24E-01	6.38E-01	1.08E+00	1.51E+00	3.03E-02	8.11E-03	5.05E-01	8.08E-02	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Acrolein	5.56E-02	6.29E-02	8.36E-02	1.00E-01	9.98E-02	1.18E-01	1.31E-01	1.48E-01	3.37E-05	9.87E-03	7.04E-02	1.94E-02	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Acrylonitrile	6.83E-04	7.05E-04	7.53E-04	9.83E-04	1.63E-03	1.19E-03	1.63E-03	2.66E-03	9.20E-04	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Arsenic Compounds	9.10E-05	9.86E-05	1.26E-04	1.56E-04	1.66E-04	1.83E-04	2.48E-04	2.98E-04	5.11E-05	2.88E-05	6.92E-05	1.70E-05	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Benzene	9.61E-01	1.04E+00	1.19E+00	1.32E+00	1.45E+00	1.49E+00	2.12E+00	2.43E+00	2.81E-03	1.32E-01	6.78E-01	1.62E-01	4.80E-01	0.00E+00
Maryland	Prince George's County	24033	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Beryllium Compounds	1.06E-05	1.17E-05	1.49E-05	1.72E-05	1.84E-05	2.09E-05	2.46E-05	2.90E-05	2.48E-06	1.52E-05	0.00E+00	6.47E-07	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	1,3-Butadiene	2.07E-02	2.41E-02	3.56E-02	4.86E-02	6.98E-02	6.23E-02	1.70E-01	2.18E-01	0.00E+00	8.56E-05	5.60E-02	1.37E-02	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Cadmium Compounds	2.58E-05	2.92E-05	3.27E-05	4.96E-05	4.58E-05	5.58E-05	6.00E-05	6.59E-05	2.12E-05	2.39E-05	0.00E+00	6.83E-07	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Carbon Disulfide	4.86E-02	4.87E-02	4.89E-02	4.90E-02	4.96E-02	4.92E-02	5.01E-02	5.28E-02	3.09E-04	2.25E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Maryland	Prince George's County	24033	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	4.91E-06	6.38E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Maryland	Prince George's County	24033	U	Chloroform	1.06E-01	1.10E-01	1.16E-01	1.26E-01	1.29E-01	1.36E-01	1.48E-01	1.64E-01	9.81E-06	4.61E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Maryland	Prince George's County	24033	U	Chromium Compounds (includes Hexavalent)	1.29E-04	1.49E-04	1.68E-04	1.92E-04	2.06E-04	2.37E-04	2.90E-04	3.26E-04	8.11E-05	6.10E-05	6.18E-05	2.61E-06	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Chromium VI	3.09E-05	3.51E-05	4.35E-05	4.91E-05	5.51E-05	6.13E-05	7.55E-05	9.86E-05	8.49E-06	2.10E-05	2.47E-05	8.88E-07	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	1,4-Dichlorobenzene	2.72E-02	3.31E-02	4.31E-02	5.78E-02	6.34E-02	7.09E-02	9.26E-02	1.07E-01	8.46E-05	6.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	1,3-Dichloropropene	4.87E-02	6.05E-02	7.92E-02	1.07E-01	1.18E-01	1.32E-01	1.74E-01	2.03E-01	0.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Ethylene Dibromide	7.72E-03	7.72E-03	7.72E-03	7.73E-03	7.73E-03	7.74E-03	7.77E-03	7.78E-03	5.15E-07	3.19E-05	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Maryland	Prince George's County	24033	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.11E-02	6.12E-02	6.13E-02	1.17E-04	8.11E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Maryland	Prince George's County	24033	U	Ethylene Oxide	4.21E-03	5.43E-03	7.35E-03	9.73E-03	1.06E-02	1.19E-02	1.55E-02	1.91E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Formaldehyde	5.49E-01	5.94E-01	7.33E-01	8.75E-01	9.66E-01	1.02E+00	1.56E+00	1.83E+00	4.45E-03	1.51E-02	5.33E-01	1.64E-01	2.50E-01	0.00E+00
Maryland	Prince George's County	24033	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	1.21E-08	5.77E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Maryland	Prince George's County	24033	U	Hexachlorobutadiene	1.85E-03	1.85E-03	1.86E-03	1.88E-03	1.89E-03	1.99E-03	1.99E-03	2.02E-03	0.00E+00	9.32E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Maryland	Prince George's County	24033	U	Hexamethylene Diisocyanate	3.77E-05	4.38E-05	5.74E-05	7.65E-05	1.10E-04	1.15E-04	2.21E-04	3.39E-04	2.45E-07	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Hydrazine	2.58E-09	3.60E-09	6.96E-09	1.22E-08	3.78E-08	2.64E-08	6.20E-08	1.50E-07	0.00E+00	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Lead Compounds	1.27E-03	1.50E-03	1.70E-03	1.93E-03	2.35E-03	2.29E-03	3.13E-03	3.80E-03	1.21E-04	3.31E-04	0.00E+00	1.89E-03	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Manganese Compounds	2.04E-04	2.38E-04	6.99E-04	1.36E-03	1.23E-03	1.69E-03	2.22E-03	2.49E-03	4.12E-04	7.94E-04	1.98E-05	2.48E-06	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Mercury Compounds	1.58E-03	1.58E-03	1.62E-03	1.67E-03	1.67E-03	1.70E-03	1.76E-03	1.81E-03	4.60E-05	4.34E-05	6.56E-05	1.41E-05	1.50E-03	0.00E+00
Maryland	Prince George's County	24033	U	Methylene Chloride	2.72E-01	2.85E-01	3.29E-01	3.94E-01	4.11E-01	4.64E-01	5.64E-01	5.92E-01	6.82E-03	2.54E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Maryland	Prince George's County	24033	U	Nickel Compounds	3.36E-04	4.08E-04	5.95E-04	7.47E-04	7.10E-04	8.37E-04	9.21E-04	1.01E-03	2.97E-04	3.49E-04	4.57E-05	1.89E-05	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Perchloroethylene	1.99E-01	2.07E-01	2.31E-01	2.64E-01	2.69E-01	3.00E-01	3.39E-01	3.71E-01	3.22E-03	1.26E-01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Maryland	Prince George's County	24033	U	Polychlorinated Biphenyls	3.84E-04	3.85E-04	3.85E-04	3.85E-04	3.86E-04	3.86E-04	3.88E-04	3.88E-04	1.45E-08	5.95E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Maryland	Prince George's County	24033	U	Polycyclic Organic Matter	3.17E-02	3.57E-02	4.10E-02	4.90E-02	5.44E-02	6.26E-02	7.79E-02	9.93E-02	6.03E-05	3.10E-02	1.97E-02	3.66E-03	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	7-PAH	9.57E-04	1.03E-03	1.14E-03	1.34E-03	1.65E-03	1.82E-03	2.68E-03	3.28E-03	2.33E-07	1.48E-03	1.28E-04	3.51E-05	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Propylene Dichloride	2.95E-05	3.10E-05	3.41E-05	4.47E-05	8.62E-05	5.51E-05	8.76E-05	1.68E-04	5.57E-05	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Quinoline	3.27E-08	4.14E-08	6.27E-08	8.95E-08	1.60E-07	1.64E-07	2.46E-07	4.93E-07	0.00E+00	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	1,1,2,2-Tetrachloroethane	2.30E-04	2.46E-04	2.67E-04	3.40E-04	7.20E-04	4.56E-04	6.72E-04	9.14E-04	5.11E-04	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Prince George's County	24033	U	Trichloroethylene	9.80E-02	1.01E-01	1.05E-01	1.18E-01	1.21E-01	1.30E-01	1.46E-01	1.60E-01	1.30E-03	3.8				

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Maryland	Queen Anne's County	24035	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	5.94E-06	2.41E-04	0.00E+00	0.00E+00	8.80E-01	
Maryland	Queen Anne's County	24035	U	Chloroform	8.44E-02	8.54E-02	8.67E-02	8.99E-02	9.00E-02	9.24E-02	9.50E-02	9.73E-02	1.05E-06	7.02E-03	0.00E+00	0.00E+00	8.30E-02	
Maryland	Queen Anne's County	24035	U	Chromium Compounds (includes Hexavalent)	6.96E-05	8.18E-05	9.74E-05	1.30E-04	1.86E-04	2.48E-04	3.86E-04	4.23E-04	1.15E-04	5.87E-05	1.08E-05	1.76E-06	0.00E+00	
Maryland	Queen Anne's County	24035	U	Chromium VI	6.10E-06	6.35E-06	1.56E-05	2.39E-05	2.32E-05	2.71E-05	3.98E-05	4.30E-05	8.88E-06	9.36E-06	4.33E-06	5.98E-07	0.00E+00	
Maryland	Queen Anne's County	24035	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	1,4-Dichlorobenzene	3.64E-03	4.49E-03	5.93E-03	8.77E-03	9.38E-03	1.26E-02	1.63E-02	1.50E-02	6.38E-05	9.32E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	1,3-Dichloropropene	6.59E-03	7.85E-03	9.41E-03	1.50E-02	1.62E-02	2.26E-02	2.61E-02	2.78E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.72E-03	7.73E-03	7.74E-03	7.78E-03	7.80E-03	4.18E-08	2.80E-05	0.00E+00	0.00E+00	7.70E-03	
Maryland	Queen Anne's County	24035	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.38E-05	4.74E-05	0.00E+00	0.00E+00	6.10E-02	
Maryland	Queen Anne's County	24035	U	Ethylene Oxide	5.31E-04	7.20E-04	9.77E-04	1.72E-03	1.81E-03	2.47E-03	3.00E-03	3.32E-03	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	Formaldehyde	3.46E-01	3.47E-01	3.97E-01	4.39E-01	4.26E-01	4.57E-01	4.94E-01	5.13E-01	1.67E-03	1.21E-02	1.03E-01	5.98E-02	2.50E-01	
Maryland	Queen Anne's County	24035	U	Hexachlorobenzene	9.33E-05	9.34E-05	9.35E-05	9.40E-05	9.40E-05	9.45E-05	9.47E-05	9.49E-05	5.96E-07	4.33E-07	0.00E+00	0.00E+00	9.30E-05	
Maryland	Queen Anne's County	24035	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.86E-03	1.88E-03	1.92E-03	2.03E-03	2.09E-03	0.00E+00	8.23E-05	0.00E+00	0.00E+00	1.80E-03	
Maryland	Queen Anne's County	24035	U	Hexamethylene Diisocyanate	5.45E-07	6.39E-07	8.21E-07	2.03E-05	4.07E-05	7.12E-05	1.25E-04	1.91E-07	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	Hydrazine	7.54E-10	8.40E-10	1.10E-09	2.13E-09	6.13E-09	8.17E-09	2.09E-08	2.90E-08	2.57E-09	3.56E-09	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	Lead Compounds	6.81E-04	9.64E-04	1.42E-03	1.70E-03	2.09E-03	2.10E-03	4.27E-03	5.88E-03	2.80E-04	1.39E-04	0.00E+00	1.68E-03	0.00E+00	
Maryland	Queen Anne's County	24035	U	Manganese Compounds	3.18E-05	7.91E-04	1.98E-03	2.35E-03	3.12E-03	4.16E-03	6.71E-03	8.44E-03	1.74E-03	1.37E-03	3.30E-06	2.63E-06	0.00E+00	
Maryland	Queen Anne's County	24035	U	Mercury Compounds	1.52E-03	1.52E-03	1.55E-03	1.58E-03	1.58E-03	1.64E-03	1.64E-03	1.64E-03	2.83E-05	2.97E-05	1.71E-05	4.58E-06	1.50E-03	
Maryland	Queen Anne's County	24035	U	Methylene Chloride	1.61E-01	1.65E-01	1.77E-01	1.88E-01	1.98E-01	2.32E-01	2.39E-01	2.43E-01	3.41E-03	4.42E-02	0.00E+00	0.00E+00	1.50E-01	
Maryland	Queen Anne's County	24035	U	Nickel Compounds	5.81E-05	9.13E-05	3.66E-04	6.66E-04	7.27E-04	9.98E-04	1.56E-03	1.96E-03	6.10E-04	5.98E-05	8.10E-06	4.90E-05	0.00E+00	
Maryland	Queen Anne's County	24035	U	Perchloroethylene	1.51E-01	1.52E-01	1.58E-01	1.72E-01	2.51E-01	2.16E-01	5.55E-01	8.24E-01	9.77E-02	1.33E-02	0.00E+00	0.00E+00	1.40E-01	
Maryland	Queen Anne's County	24035	U	Polychlorinated Biphenyls	4.05E-04	4.06E-04	4.08E-04	4.12E-04	4.28E-04	4.34E-04	4.79E-04	4.79E-04	9.48E-09	4.76E-05	0.00E+00	0.00E+00	3.80E-04	
Maryland	Queen Anne's County	24035	U	Polycyclic Organic Matter	7.52E-03	8.25E-03	1.25E-02	1.49E-02	1.56E-02	2.10E-02	2.18E-02	2.18E-02	1.75E-04	1.08E-02	3.44E-03	1.19E-03	0.00E+00	
Maryland	Queen Anne's County	24035	U	7-PAH	3.65E-04	4.31E-04	6.16E-04	7.52E-04	8.25E-04	1.08E-03	1.26E-03	1.27E-03	2.07E-07	7.67E-04	2.52E-05	3.27E-05	0.00E+00	
Maryland	Queen Anne's County	24035	U	Propylene Dichloride	3.92E-06	4.03E-06	4.91E-06	2.43E-05	2.11E-05	3.02E-05	3.48E-05	3.92E-05	4.52E-06	1.66E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	Quinoline	1.67E-08	1.71E-08	2.12E-08	3.95E-08	4.62E-08	6.68E-08	8.87E-08	1.03E-07	0.00E+00	4.62E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	1,1,2,2-Tetrachloroethane	2.26E-05	2.65E-05	3.12E-05	2.01E-04	1.70E-04	2.43E-04	2.88E-04	3.23E-04	4.14E-05	1.29E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Queen Anne's County	24035	U	Trichloroethylene	8.20E-02	8.23E-02	8.31E-02	8.51E-02	8.62E-02	9.00E-02	9.13E-02	9.20E-02	1.73E-04	5.00E-03	0.00E+00	0.00E+00	8.10E-02	
Maryland	Queen Anne's County	24035	U	Vinyl Chloride	7.70E-05	8.58E-05	4.56E-04	5.59E-04	1.06E-03	6.69E-04	3.56E-03	6.19E-03	7.13E-04	3.51E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Acetaldehyde	7.99E-02	9.41E-02	9.63E-02	1.12E-01	1.26E-01	1.42E-01	1.50E-01	2.53E-01	7.11E-05	3.55E-03	8.87E-02	3.32E-02	0.00E+00	
Maryland	St. Mary's County	24037	R	Acrolein	1.24E-02	1.46E-02	1.67E-02	2.12E-02	2.14E-02	2.49E-02	2.84E-02	3.36E-02	1.10E-05	2.85E-03	1.21E-02	6.49E-03	0.00E+00	
Maryland	St. Mary's County	24037	R	Acrylonitrile	7.20E-05	1.06E-04	1.53E-04	1.89E-04	2.24E-04	2.36E-04	3.11E-04	6.71E-04	2.58E-05	1.99E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Arsenic Compounds	8.28E-06	3.58E-05	4.41E-05	5.11E-05	4.98E-05	5.44E-05	6.55E-05	8.95E-05	2.36E-05	4.62E-06	1.73E-05	4.27E-06	0.00E+00	
Maryland	St. Mary's County	24037	R	Benzene	6.76E-01	6.89E-01	7.01E-01	7.83E-01	8.09E-01	8.55E-01	9.30E-01	1.15E+00	1.49E-04	7.28E-02	1.47E-01	1.10E-01	4.80E-01	
Maryland	St. Mary's County	24037	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Beryllium Compounds	6.41E-07	2.25E-06	3.35E-06	3.96E-06	3.95E-06	4.49E-06	5.38E-06	7.07E-06	1.21E-06	2.72E-06	0.00E+00	1.82E-08	0.00E+00	
Maryland	St. Mary's County	24037	R	1,3-Butadiene	8.91E-03	8.97E-03	1.04E-02	1.65E-02	1.84E-02	2.26E-02	2.78E-02	5.59E-02	0.00E+00	2.21E-04	1.27E-02	5.48E-03	0.00E+00	
Maryland	St. Mary's County	24037	R	Cadmium Compounds	9.61E-07	4.58E-06	6.35E-06	7.44E-06	7.12E-06	8.81E-06	9.18E-06	1.05E-05	3.26E-06	3.84E-06	0.00E+00	2.18E-08	0.00E+00	
Maryland	St. Mary's County	24037	R	Carbon Disulfide	4.71E-02	4.72E-02	4.72E-02	4.74E-02	4.75E-02	4.76E-02	4.77E-02	4.81E-02	1.16E-05	4.51E-04	0.00E+00	0.00E+00	4.70E-02	
Maryland	St. Mary's County	24037	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.73E-08	1.41E-04	0.00E+00	0.00E+00	8.80E-01	
Maryland	St. Mary's County	24037	R	Chloroform	8.44E-02	8.51E-02	8.59E-02	8.82E-02	8.80E-02	8.87E-02	9.03E-02	9.54E-02	2.75E-07	5.04E-03	0.00E+00	0.00E+00	8.30E-02	
Maryland	St. Mary's County	24037	R	Chromium Compounds (includes Hexavalent)	1.96E-05	3.46E-05	4.02E-05	4.98E-05	1.67E-04	3.14E-04	4.55E-04	5.59E-04	6.89E-05	8.63E-05	1.10E-05	1.07E-06	0.00E+00	
Maryland	St. Mary's County	24037	R	Chromium VI	7.02E-06	8.82E-06	9.55E-06	1.47E-05	4.20E-05	5.49E-05	1.06E-04	1.88E-04	7.67E-06	2.95E-05	4.39E-06	3.63E-07	0.00E+00	
Maryland	St. Mary's County	24037	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	1,4-Dichlorobenzene	2.32E-03	3.90E-03	4.81E-03	1.10E-02	1.07E-02	1.22E-02	1.40E-02	3.35E-02	2.37E-06	1.07E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	1,3-Dichloropropene	4.26E-03	7.26E-03	8.85E-03	1.98E-02	2.00E-02	2.30E-02	2.62E-02	6.38E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.44E-08	8.38E-08	0.00E+00	0.00E+00	7.70E-03	
Maryland	St. Mary's County	24037	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	5.64E-06	1.91E-05	0.00E+00	0.00E+00	6.10E-02	
Maryland	St. Mary's County	24037	R	Ethylene Oxide	3.69E-04	5.98E-04	8.29E-04	1.71E-03	1.95E-03	2.27E-03	2.76E-03	6.21E-03	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Formaldehyde	3.24E-01	3.32E-01	3.40E-01	3.73E-01	3.82E-01	3.99E-01	4.17E-01	5.43E-01	4.73E-05	8.62E-03	8.56E-02	3.79E-02	2.50E-01	
Maryland	St. Mary's County	24037	R	Hexachlorobenzene	9.32E-05	9.33E-05	9.33E-05	9.35E-05	9.35E-05	9.37E-05	9.40E-05	9.40E-05	0.00E+00	5.37E-07	0.00E+00	0.00E+00	9.30E-05	
Maryland	St. Mary's County	24037	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.83E-08	0.00E+00	0.00E+00	1.80E-03	
Maryland	St. Mary's County	24037	R	Hexamethylene Diisocyanate	3.13E-08	4.03E-08	5.30E-08	7.91E-08	3.79E-07	4.30E-07	1.16E-06	2.34E-06	0.00E+00	3.79E-07	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Hydrazine	0.00E+00	2.24E-14	2.67E-14	2.03E-11	5.27E-11	3.56E-11	1.38E-10	4.17E-10	0.00E+00	5.27E-11	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Lead Compounds	4.21E-04	4.64E-04	5.99E-04	1.21E-03	1.61E-03	2.56E-03	3.45E-03	4.78E-03	2.56E-05	4.33E-05	0.00E+00	1.54E-03	0.00E+00	
Maryland	St. Mary's County	24037	R	Manganese Compounds	4.18E-05	4.69E-05	8.23E-05	9.67E-05	1.29E-04	1.00E-04	3.78E-04	4.44E-04	4.44E-04	7.65E-05				

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...									
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background			
Maryland	St. Mary's County	24037	R	Quinoline	0.00E+00	5.24E-13	6.13E-13	3.56E-10	1.18E-09	6.07E-10	2.65E-09	1.07E-08	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Maryland	St. Mary's County	24037	R	1,1,2,2-Tetrachloroethane	3.60E-05	5.21E-05	5.95E-05	8.08E-05	9.65E-05	9.53E-05	1.47E-04	3.31E-04	1.43E-05	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	St. Mary's County	24037	R	Trichloroethylene	8.13E-02	8.16E-02	8.21E-02	8.24E-02	8.25E-02	8.27E-02	8.26E-02	8.44E-02	2.74E-05	1.48E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Maryland	St. Mary's County	24037	R	Vinyl Chloride	8.88E-05	1.28E-04	1.47E-04	1.99E-04	2.50E-04	2.57E-04	3.98E-04	8.21E-04	3.53E-05	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Acetaldehyde	3.73E-02	3.73E-02	5.43E-02	6.27E-02	6.01E-02	6.77E-02	7.41E-02	7.41E-02	9.38E-07	1.53E-03	2.91E-02	2.95E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Acrolein	8.43E-03	8.43E-03	1.02E-02	1.14E-02	1.17E-02	1.41E-02	1.59E-02	1.82E-07	1.81E-03	4.55E-03	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Acrylonitrile	3.01E-05	3.01E-05	4.20E-05	8.51E-05	1.04E-04	1.51E-04	2.26E-04	2.26E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Arsenic Compounds	4.48E-06	4.48E-06	7.41E-06	1.05E-05	1.13E-05	1.52E-05	1.93E-05	1.93E-05	9.43E-07	2.16E-06	5.98E-06	2.21E-06	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Benzene	6.23E-01	6.23E-01	6.25E-01	6.30E-01	6.40E-01	6.53E-01	6.80E-01	6.80E-01	1.17E-06	2.70E-02	4.92E-02	8.40E-02	4.80E-01	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Beryllium Compounds	2.70E-07	2.70E-07	5.93E-07	9.60E-07	1.12E-06	1.26E-06	2.83E-06	2.83E-06	2.86E-08	1.08E-06	0.00E+00	9.50E-09	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	1,3-Butadiene	5.04E-03	5.04E-03	5.56E-03	6.14E-03	6.94E-03	8.60E-03	1.06E-02	1.06E-02	0.00E+00	2.14E-04	3.62E-03	3.10E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Cadmium Compounds	8.27E-07	8.27E-07	1.22E-06	1.94E-06	1.99E-06	2.50E-06	3.99E-06	3.99E-06	2.50E-07	1.72E-06	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	1.04E-07	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Maryland	Somerset County	24039	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Maryland	Somerset County	24039	R	Chloroform	8.35E-02	8.35E-02	8.36E-02	8.39E-02	8.40E-02	8.43E-02	8.48E-02	8.48E-02	0.00E+00	9.83E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Maryland	Somerset County	24039	R	Chromium Compounds (includes Hexavalent)	4.35E-06	4.35E-06	5.47E-06	7.94E-06	7.58E-06	9.36E-06	1.18E-05	1.18E-05	6.27E-07	2.70E-06	3.66E-06	6.93E-07	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Chromium VI	1.67E-06	1.67E-06	2.01E-06	2.79E-06	2.94E-06	3.58E-06	5.15E-06	5.15E-06	1.78E-07	1.12E-06	1.41E-06	2.35E-07	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	1,4-Dichlorobenzene	9.43E-04	9.43E-04	2.22E-03	3.09E-03	3.23E-03	4.40E-03	5.73E-03	5.73E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	1,3-Dichloropropene	1.67E-03	1.67E-03	4.11E-03	5.67E-03	5.98E-03	8.18E-03	1.07E-02	1.07E-02	0.00E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Maryland	Somerset County	24039	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.19E-08	8.87E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02	0.00E+00	
Maryland	Somerset County	24039	R	Ethylene Oxide	1.69E-04	1.69E-04	4.32E-04	5.76E-04	6.03E-04	8.02E-04	1.07E-03	1.07E-03	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Formaldehyde	3.06E-01	3.06E-01	3.07E-01	3.09E-01	3.11E-01	3.15E-01	3.26E-01	3.26E-01	1.60E-04	5.48E-03	2.83E-02	2.75E-02	2.50E-01	0.00E+00	0.00E+00	0.00E+00
Maryland	Somerset County	24039	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.18E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	
Maryland	Somerset County	24039	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	
Maryland	Somerset County	24039	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Hydrazine	9.60E-12	9.60E-12	1.25E-11	4.55E-11	1.44E-10	2.88E-10	4.69E-10	4.69E-10	0.00E+00	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Lead Compounds	1.48E-04	1.48E-04	2.48E-04	3.16E-04	3.67E-04	4.30E-04	8.24E-04	8.24E-04	1.12E-06	1.29E-05	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Manganese Compounds	6.86E-06	6.86E-06	6.99E-06	2.04E-05	1.91E-05	3.21E-05	3.23E-05	3.23E-05	1.89E-06	1.56E-05	1.15E-06	4.47E-07	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.38E-07	6.42E-06	7.06E-06	1.48E-06	1.50E-03	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Methylene Chloride	1.54E-01	1.54E-01	1.63E-01	1.66E-01	1.95E-01	1.75E-01	3.67E-01	3.67E-01	8.95E-04	4.37E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Maryland	Somerset County	24039	R	Nickel Compounds	1.36E-05	1.36E-05	2.02E-05	7.44E-05	6.27E-05	9.30E-05	1.05E-04	1.05E-04	4.42E-05	1.19E-05	2.68E-06	3.89E-06	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Perchloroethylene	1.49E-01	1.49E-01	1.50E-01	1.53E-01	1.55E-01	1.55E-01	1.74E-01	1.74E-01	3.90E-03	1.09E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Maryland	Somerset County	24039	R	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.98E-04	4.03E-04	4.04E-04	4.13E-04	4.21E-04	4.21E-04	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Maryland	Somerset County	24039	R	Polycyclic Organic Matter	2.49E-03	2.49E-03	4.21E-03	5.55E-03	5.16E-03	6.59E-03	7.11E-03	7.11E-03	7.16E-07	3.64E-03	1.13E-03	3.87E-04	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	7-PAH	1.67E-04	1.67E-04	2.75E-04	3.01E-04	3.17E-04	3.96E-04	4.23E-04	4.23E-04	7.17E-09	2.86E-04	8.87E-06	2.21E-05	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Propylene Dichloride	1.87E-06	1.87E-06	2.01E-06	5.26E-06	6.38E-06	9.74E-06	1.39E-05	1.39E-05	0.00E+00	6.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Quinoline	2.76E-10	2.76E-10	3.19E-10	1.21E-09	4.21E-09	8.47E-09	1.38E-08	1.38E-08	0.00E+00	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	1,1,2,2-Tetrachloroethane	1.26E-05	1.26E-05	1.62E-05	4.48E-05	5.51E-05	8.39E-05	1.26E-04	1.26E-04	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Somerset County	24039	R	Trichloroethylene	9.03E-02	9.03E-02	9.10E-02	1.03E-01	1.02E-01	1.07E-01	1.24E-01	1.24E-01	1.76E-02	3.55E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Maryland	Somerset County	24039	R	Vinyl Chloride	3.09E-05	3.09E-05	3.97E-05	1.10E-04	1.35E-04	2.05E-04	3.09E-04	3.09E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Acetaldehyde	8.69E-02	8.69E-02	1.09E-01	1.65E-01	1.75E-01	2.18E-01	3.72E-01	3.72E-01	7.72E-02	4.73E-03	5.52E-02	3.83E-02	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Acrolein	1.21E-02	1.21E-02	1.36E-02	1.54E-02	1.96E-02	1.98E-02	3.52E-02	3.52E-02	2.70E-06	3.42E-03	8.58E-03	7.62E-03	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Acrylonitrile	9.12E-05	9.12E-05	1.45E-04	1.93E-04	3.21E-04	3.08E-04	1.32E-03	1.32E-03	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Arsenic Compounds	1.41E-05	1.41E-05	1.65E-05	1.80E-05	3.37E-05	2.72E-05	8.53E-05	8.53E-05	4.26E-06	9.35E-06	1.25E-05	7.59E-06	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Benzene	6.56E-01	6.56E-01	6.57E-01	6.78E-01	8.20E-01	7.60E-01	1.29E+00	1.29E+00	1.52E-05	8.35E-02	1.16E-01	1.41E-01	4.80E-01	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Beryllium Compounds	1.33E-06	1.33E-06	1.44E-06	1.66E-06	4.22E-06	2.63E-06	1.31E-05	1.31E-05	2.17E-07	4.00E-06	0.00E+00	2.95E-09	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	1,3-Butadiene	5.45E-03</															

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...								
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background		
Maryland	Talbot County	24041	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.36E-05	9.34E-05	9.46E-05	9.46E-05	0.00E+00	5.50E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Maryland	Talbot County	24041	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.81E-03	1.80E-03	1.85E-03	1.85E-03	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Maryland	Talbot County	24041	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	9.72E-10	1.64E-09	5.69E-09	1.83E-09	4.10E-08	4.10E-08	0.00E+00	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Hydrazine	7.77E-10	7.77E-10	3.71E-09	1.09E-08	7.32E-08	3.25E-08	2.94E-07	2.94E-07	0.00E+00	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Lead Compounds	5.16E-04	5.16E-04	8.22E-04	1.49E-03	3.99E-03	7.00E-03	1.17E-02	1.17E-02	4.63E-06	1.06E-04	0.00E+00	3.88E-03	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Manganese Compounds	1.31E-05	1.31E-05	1.42E-05	1.58E-05	2.91E-05	2.02E-05	7.69E-05	7.69E-05	5.60E-06	1.95E-05	2.69E-06	1.33E-06	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.60E-03	1.60E-03	7.47E-07	1.36E-05	1.42E-05	5.35E-06	1.50E-03	0.00E+00	
Maryland	Talbot County	24041	R	Methylene Chloride	1.63E-01	1.63E-01	1.65E-01	1.69E-01	2.20E-01	1.91E-01	3.96E-01	3.96E-01	1.42E-05	7.00E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01	
Maryland	Talbot County	24041	R	Nickel Compounds	4.46E-05	4.46E-05	4.82E-05	8.03E-05	1.33E-04	9.17E-05	3.69E-04	3.69E-04	2.53E-05	9.05E-05	6.17E-06	1.15E-05	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Perchloroethylene	1.50E-01	1.50E-01	1.57E-01	1.68E-01	1.85E-01	1.88E-01	2.48E-01	2.48E-01	1.35E-02	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-01	
Maryland	Talbot County	24041	R	Polychlorinated Biphenyls	4.00E-04	4.00E-04	4.07E-04	4.08E-04	4.42E-04	4.18E-04	5.61E-04	5.61E-04	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
Maryland	Talbot County	24041	R	Polycyclic Organic Matter	7.06E-03	7.06E-03	7.73E-03	9.83E-03	1.53E-02	1.34E-02	3.76E-02	3.76E-02	5.75E-07	1.06E-02	2.64E-03	2.13E-03	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	7-PAH	4.30E-04	4.30E-04	4.54E-04	4.97E-04	8.06E-04	5.60E-04	1.95E-03	1.95E-03	7.73E-09	7.50E-04	1.81E-05	3.72E-05	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Propylene Dichloride	5.53E-06	5.53E-06	8.33E-06	8.81E-06	1.84E-05	1.69E-05	7.99E-05	7.99E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Quinoline	9.28E-09	9.28E-09	2.69E-08	4.07E-08	2.08E-07	1.30E-07	7.73E-07	7.73E-07	0.00E+00	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	1,1,2,2-Tetrachloroethane	3.44E-05	3.44E-05	4.81E-05	6.83E-05	1.34E-04	7.20E-05	7.13E-04	7.13E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Talbot County	24041	R	Trichloroethylene	8.27E-02	8.27E-02	8.33E-02	8.39E-02	9.44E-02	8.90E-02	1.30E-01	1.30E-01	0.00E+00	1.34E-02	0.00E+00	0.00E+00	0.00E+00	8.10E-02	
Maryland	Talbot County	24041	R	Vinyl Chloride	1.08E-04	1.08E-04	1.42E-04	1.70E-04	3.40E-04	1.92E-04	1.76E-03	1.76E-03	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Acetaldehyde	1.36E-01	1.63E-01	1.79E-01	2.02E-01	2.39E-01	2.92E-01	3.34E-01	4.99E-01	1.04E-04	1.08E-02	1.92E-01	3.56E-02	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Acrolein	2.84E-02	2.92E-02	3.28E-02	3.70E-02	3.90E-02	4.20E-02	5.44E-02	5.63E-02	3.55E-06	5.80E-03	2.85E-02	4.64E-03	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Acrylonitrile	1.21E-04	1.50E-04	1.74E-04	3.26E-04	4.22E-04	4.51E-04	5.77E-04	1.11E-03	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Arsenic Compounds	2.91E-04	3.39E-04	4.03E-04	4.51E-04	4.94E-04	5.23E-04	6.48E-04	1.09E-03	6.94E-06	4.47E-04	3.23E-05	7.87E-06	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Benzene	7.72E-01	8.08E-01	8.67E-01	9.47E-01	1.00E+00	1.03E+00	1.33E+00	1.47E+00	2.86E-04	1.29E-01	3.13E-01	7.87E-02	4.80E-01	0.00E+00	
Maryland	Washington County	24043	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Beryllium Compounds	2.95E-06	4.65E-06	5.60E-06	9.59E-06	1.04E-05	1.33E-05	2.39E-05	2.67E-05	5.36E-07	8.35E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	1,3-Butadiene	9.16E-03	1.09E-02	1.54E-02	2.28E-02	3.07E-02	3.07E-02	6.89E-02	8.17E-02	0.00E+00	1.41E-04	2.24E-02	8.16E-03	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Cadmium Compounds	8.22E-06	8.82E-05	1.02E-04	1.21E-04	1.32E-04	1.44E-04	2.19E-04	2.84E-04	8.61E-06	1.21E-04	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00
Maryland	Washington County	24043	U	Carbon Disulfide	4.75E-02	4.75E-02	4.76E-02	4.81E-02	4.86E-02	4.88E-02	5.02E-02	5.36E-02	2.50E-06	1.64E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-02	
Maryland	Washington County	24043	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01	
Maryland	Washington County	24043	U	Chloroform	8.98E-02	9.40E-02	9.51E-02	1.04E-01	1.09E-01	1.16E-01	1.41E-01	1.47E-01	0.00E+00	2.56E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-02	
Maryland	Washington County	24043	U	Chromium Compounds (includes Hexavalent)	1.33E-04	1.58E-04	2.63E-04	7.79E-04	2.25E-03	2.12E-03	2.83E-03	1.43E-02	1.61E-04	2.06E-03	2.41E-05	1.40E-06	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Chromium VI	3.11E-05	3.97E-05	6.56E-05	2.15E-04	4.73E-04	5.59E-04	8.26E-04	1.68E-03	5.18E-05	4.11E-04	9.65E-06	4.77E-07	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	1,4-Dichlorobenzene	6.63E-03	1.04E-02	1.12E-02	2.03E-02	2.48E-02	3.27E-02	5.16E-02	5.96E-02	1.06E-08	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	1,3-Dichloropropene	1.20E-02	1.91E-02	2.06E-02	3.81E-02	4.65E-02	6.18E-02	9.75E-02	1.13E-01	0.00E+00	4.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.56E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Maryland	Washington County	24043	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	7.70E-07	3.91E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02	
Maryland	Washington County	24043	U	Ethylene Oxide	1.19E-03	1.61E-03	1.87E-03	3.70E-03	5.24E-03	6.19E-03	1.17E-02	1.38E-02	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Formaldehyde	4.03E-01	4.14E-01	4.49E-01	4.72E-01	5.08E-01	5.31E-01	6.71E-01	7.43E-01	2.75E-05	1.84E-02	1.75E-01	6.49E-02	2.50E-01	0.00E+00	
Maryland	Washington County	24043	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.40E-05	9.41E-05	9.45E-05	9.49E-05	9.49E-05	2.82E-08	1.03E-06	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Maryland	Washington County	24043	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Maryland	Washington County	24043	U	Hexamethylene Diisocyanate	1.25E-05	1.98E-05	3.80E-05	5.32E-05	9.47E-05	6.52E-05	1.78E-04	4.12E-04	9.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Hydrazine	2.43E-09	3.10E-09	7.01E-09	1.12E-08	2.40E-08	2.33E-08	7.67E-08	1.03E-07	0.00E+00	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Lead Compounds	7.33E-04	7.96E-04	1.41E-03	3.03E-03	3.04E-03	3.92E-03	4.70E-03	5.55E-03	1.16E-03	1.43E-04	0.00E+00	1.74E-03	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Manganese Compounds	6.21E-04	7.22E-04	9.58E-04	1.91E-03	6.66E-03	2.79E-03	1.04E-02	2.47E-02	5.45E-03	1.20E-03	7.63E-06	9.55E-07	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Mercury Compounds	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.59E-03	1.60E-03	1.63E-03	1.68E-03	7.00E-06	3.57E-05	3.44E-05	7.95E-06	1.50E-03	0.00E+00	
Maryland	Washington County	24043	U	Methylene Chloride	1.77E-01	1.88E-01	2.14E-01	2.74E-01	3.38E-01	3.66E-01	5.20E-01	9.97E-01	4.99E-06	1.88E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01	
Maryland	Washington County	24043	U	Nickel Compounds	7.37E-05	1.15E-04	1.71E-04	2.22E-04	2.87E-04	2.86E-04	5.32E-04	7.90E-04	5.11E-05	2.16E-04	1.80E-05	1.78E-06	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Perchloroethylene	1.45E-01	1.47E-01	1.53E-01	1.65E-01	1.74E-01	1.74E-01	2.00E-01	2.75E-01	1.66E-05	3.43E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-01	
Maryland	Washington County	24043	U	Polychlorinated Biphenyls	4.15E-04	4.21E-04	4.28E-04	4.91E-04	4.99E-04	5.60E-04	6.01E-04	6.11E-04	2.26E-09	1.19E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
Maryland	Washington County	24043	U	Polycyclic Organic Matter	2.53E-02	5.31E-02	5.91E-02	6.69E-02	7.01E-02	7.39E-02	8.24E-02	1.29E-01	4.15E-02	1.96E-02	7.57E-03	1.45E-03	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	7-PAH	7.09E-04	9.42E-04	1.06E-03	1.32E-03	1.34E-03	1.59E-03	1.98E-03	2.01E-03	4.09E-05	1.23E-03	5.38E-05	1.64E-05	0.00E+00	0.00E+00	
Maryland	Washington County	24043	U	Propylene Dichloride	6.86E-06	8.33E-06	9.49E-06	1.68E-05	2.11E-05	2.29E-05	2.81E-05	3.85E-05	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Maryland	Washington County																		

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 Estimated Annual Average Ambient Concentrations µg/m3 for Maryland

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Maryland	Worcester County	24047	R	Polycyclic Organic Matter	6.34E-03	7.09E-03	9.03E-03	1.47E-02	1.53E-02	2.19E-02	2.36E-02	2.59E-02	3.48E-07	1.14E-02	3.10E-03	7.83E-04	0.00E+00
Maryland	Worcester County	24047	R	7-PAH	3.65E-04	3.89E-04	4.99E-04	7.37E-04	8.52E-04	1.25E-03	1.38E-03	1.44E-03	6.43E-09	7.97E-04	2.29E-05	3.17E-05	0.00E+00
Maryland	Worcester County	24047	R	Propylene Dichloride	3.77E-06	4.59E-06	5.91E-06	6.62E-06	7.26E-06	7.82E-06	8.48E-06	1.62E-05	0.00E+00	7.26E-06	0.00E+00	0.00E+00	0.00E+00
Maryland	Worcester County	24047	R	Quinoline	1.87E-09	4.70E-09	3.51E-08	8.95E-08	9.60E-08	1.54E-07	1.91E-07	2.39E-07	0.00E+00	9.60E-08	0.00E+00	0.00E+00	0.00E+00
Maryland	Worcester County	24047	R	1,1,2,2-Tetrachloroethane	2.85E-05	3.28E-05	3.61E-05	4.85E-05	5.30E-05	5.38E-05	6.35E-05	1.42E-04	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Worcester County	24047	R	Trichloroethylene	1.10E-01	1.14E-01	1.16E-01	1.23E-01	1.23E-01	1.28E-01	1.32E-01	1.37E-01	3.85E-02	3.08E-03	0.00E+00	0.00E+00	8.10E-02
Maryland	Worcester County	24047	R	Vinyl Chloride	7.09E-05	8.40E-05	9.23E-05	1.20E-04	1.33E-04	1.34E-04	1.56E-04	3.50E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Acetaldehyde	6.42E-01	8.16E-01	1.01E+00	1.45E+00	1.96E+00	2.48E+00	3.50E+00	4.46E+00	9.58E-01	1.26E-01	7.78E-01	9.72E-02	0.00E+00
Maryland	Baltimore city	24510	U	Acrolein	1.15E-01	1.21E-01	1.32E-01	1.68E-01	1.76E-01	2.07E-01	2.52E-01	2.80E-01	1.82E-05	2.13E-02	1.30E-01	2.52E-02	0.00E+00
Maryland	Baltimore city	24510	U	Acrylonitrile	8.01E-04	8.76E-04	1.01E-03	1.27E-03	1.54E-03	1.40E-03	1.80E-03	2.07E-03	1.66E-04	1.38E-03	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Arsenic Compounds	1.61E-04	1.70E-04	1.96E-04	2.53E-04	3.07E-04	3.60E-04	5.72E-04	6.27E-04	3.64E-05	8.92E-05	1.54E-04	2.72E-05	0.00E+00
Maryland	Baltimore city	24510	U	Benzene	1.45E+00	1.47E+00	1.59E+00	1.96E+00	2.39E+00	2.55E+00	4.40E+00	5.04E+00	2.20E-03	1.88E-01	1.53E+00	1.93E-01	4.80E-01
Maryland	Baltimore city	24510	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Beryllium Compounds	2.46E-05	2.85E-05	3.49E-05	4.40E-05	4.70E-05	5.46E-05	6.97E-05	7.65E-05	1.39E-06	4.38E-05	0.00E+00	1.82E-06	0.00E+00
Maryland	Baltimore city	24510	U	1,3-Butadiene	4.74E-02	5.11E-02	6.27E-02	9.67E-02	1.64E-01	1.66E-01	4.54E-01	5.43E-01	0.00E+00	1.22E-04	1.47E-01	1.64E-02	0.00E+00
Maryland	Baltimore city	24510	U	Cadmium Compounds	8.84E-05	1.02E-04	1.22E-04	1.53E-04	1.70E-04	2.14E-04	2.57E-04	2.89E-04	8.39E-05	8.20E-05	0.00E+00	4.01E-06	0.00E+00
Maryland	Baltimore city	24510	U	Carbon Disulfide	4.92E-02	4.93E-02	4.97E-02	5.03E-02	5.47E-02	5.23E-02	5.70E-02	6.04E-02	7.37E-04	6.92E-03	0.00E+00	0.00E+00	4.70E-02
Maryland	Baltimore city	24510	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.81E-01	8.83E-01	8.83E-01	2.89E-05	1.95E-03	0.00E+00	0.00E+00	8.80E-01
Maryland	Baltimore city	24510	U	Chloroform	1.34E-01	1.37E-01	1.44E-01	1.55E-01	1.63E-01	1.71E-01	1.88E-01	2.02E-01	1.77E-06	7.97E-02	0.00E+00	0.00E+00	8.30E-02
Maryland	Baltimore city	24510	U	Chromium Compounds (includes Hexavalent)	2.62E-04	2.81E-04	3.29E-04	4.33E-04	4.98E-04	5.80E-04	8.20E-04	9.97E-04	1.51E-04	1.66E-04	1.39E-04	1.20E-05	0.00E+00
Maryland	Baltimore city	24510	U	Chromium VI	6.90E-05	7.48E-05	9.28E-05	1.34E-04	1.70E-04	2.20E-04	3.08E-04	3.58E-04	3.64E-05	7.39E-05	5.58E-05	4.09E-06	0.00E+00
Maryland	Baltimore city	24510	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	1,4-Dichlorobenzene	7.09E-02	7.94E-02	9.95E-02	1.23E-01	1.31E-01	1.55E-01	2.00E-01	2.16E-01	1.52E-05	1.31E-01	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	1,3-Dichloropropene	1.31E-01	1.47E-01	1.86E-01	2.27E-01	2.45E-01	2.93E-01	3.77E-01	4.08E-01	0.00E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Ethylene Dibromide	7.72E-03	7.72E-03	7.73E-03	7.74E-03	7.74E-03	7.75E-03	7.76E-03	7.76E-03	9.26E-08	3.95E-05	0.00E+00	0.00E+00	7.70E-03
Maryland	Baltimore city	24510	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.66E-05	7.91E-05	0.00E+00	0.00E+00	6.10E-02
Maryland	Baltimore city	24510	U	Ethylene Oxide	1.66E-02	1.84E-02	2.27E-02	2.93E-02	3.28E-02	3.95E-02	4.94E-02	6.27E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Formaldehyde	8.37E-01	8.73E-01	9.49E-01	1.21E+00	1.50E+00	1.53E+00	3.00E+00	3.36E+00	4.40E-03	3.34E-02	1.01E+00	1.99E-01	2.50E-01
Maryland	Baltimore city	24510	U	Hexachlorobenzene	9.38E-05	9.38E-05	9.39E-05	9.40E-05	9.41E-05	9.43E-05	9.46E-05	9.48E-05	1.02E-06	1.28E-07	0.00E+00	0.00E+00	9.30E-05
Maryland	Baltimore city	24510	U	Hexachlorobutadiene	1.85E-03	1.86E-03	1.88E-03	1.91E-03	1.92E-03	1.95E-03	1.98E-03	1.99E-03	0.00E+00	1.17E-04	0.00E+00	0.00E+00	1.80E-03
Maryland	Baltimore city	24510	U	Hexamethylene Diisocyanate	8.53E-05	9.00E-05	9.94E-05	1.12E-04	1.13E-04	1.25E-04	1.38E-04	1.46E-04	3.95E-06	1.09E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Hydrazine	2.69E-08	2.82E-08	3.21E-08	4.24E-08	1.21E-07	7.24E-08	1.50E-07	3.49E-07	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Lead Compounds	2.83E-03	3.29E-03	4.71E-03	6.65E-03	7.47E-03	8.75E-03	1.12E-02	1.40E-02	7.11E-04	5.11E-03	0.00E+00	1.65E-03	0.00E+00
Maryland	Baltimore city	24510	U	Manganese Compounds	2.45E-03	2.64E-03	3.17E-03	3.89E-03	4.39E-03	4.94E-03	5.97E-03	7.27E-03	1.95E-03	2.37E-03	4.53E-05	2.51E-05	0.00E+00
Maryland	Baltimore city	24510	U	Mercury Compounds	2.03E-03	2.10E-03	2.32E-03	2.81E-03	4.11E-03	4.13E-03	6.92E-03	9.64E-03	2.21E-03	2.34E-04	1.45E-04	2.90E-05	1.50E-03
Maryland	Baltimore city	24510	U	Methylene Chloride	4.55E-01	4.89E-01	5.48E-01	6.98E-01	8.21E-01	9.03E-01	1.20E+00	1.38E+00	7.96E-03	6.63E-01	0.00E+00	0.00E+00	1.50E-01
Maryland	Baltimore city	24510	U	Nickel Compounds	8.99E-04	1.01E-03	1.26E-03	1.79E-03	2.50E-03	2.73E-03	4.55E-03	8.74E-03	6.90E-04	1.08E-03	1.03E-04	6.27E-04	0.00E+00
Maryland	Baltimore city	24510	U	Perchloroethylene	2.57E-01	2.78E-01	3.11E-01	3.66E-01	3.98E-01	4.30E-01	5.13E-01	6.23E-01	4.38E-04	2.57E-01	0.00E+00	0.00E+00	1.40E-01
Maryland	Baltimore city	24510	U	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.92E-04	3.93E-04	3.94E-04	3.96E-04	3.99E-04	4.00E-04	3.23E-07	1.41E-05	0.00E+00	0.00E+00	3.80E-04
Maryland	Baltimore city	24510	U	Polycyclic Organic Matter	4.54E-02	4.71E-02	5.26E-02	6.69E-02	8.66E-02	1.03E-01	1.56E-01	1.80E-01	6.25E-04	3.64E-02	4.32E-02	6.35E-03	0.00E+00
Maryland	Baltimore city	24510	U	7-PAH	1.49E-03	1.54E-03	1.63E-03	1.91E-03	2.45E-03	2.48E-03	2.94E-03	4.31E-03	3.08E-07	2.07E-03	2.82E-04	9.58E-05	0.00E+00
Maryland	Baltimore city	24510	U	Propylene Dichloride	2.61E-05	2.74E-05	3.09E-05	3.82E-05	4.89E-05	4.60E-05	6.27E-05	7.63E-05	1.00E-05	3.89E-05	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Quinoline	2.61E-07	2.65E-07	2.70E-07	2.85E-07	3.02E-07	3.16E-07	3.47E-07	3.96E-07	0.00E+00	3.02E-07	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	1,1,2,2-Tetrachloroethane	1.96E-04	2.13E-04	2.41E-04	2.97E-04	3.11E-04	3.42E-04	4.29E-04	5.21E-04	9.18E-05	2.20E-04	0.00E+00	0.00E+00	0.00E+00
Maryland	Baltimore city	24510	U	Trichloroethylene	1.26E-01	1.30E-01	1.40E-01	1.80E-01	2.21E-01	2.46E-01	3.17E-01	3.95E-01	3.00E-02	1.10E-01	0.00E+00	0.00E+00	8.10E-02
Maryland	Baltimore city	24510	U	Vinyl Chloride	1.17E-03	1.30E-03	1.55E-03	1.72E-03	1.71E-03	1.88E-03	2.09E-03	2.20E-03	2.26E-04	1.49E-03	0.00E+00	0.00E+00	0.00E+00