

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Rhode Island: 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](http://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 Rhode Island

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		
Rhode Island	Statewide	N/A	N/A	Acetaldehyde	1.79E-01	2.13E-01	3.31E-01	4.91E-01	5.47E-01	6.45E-01	1.04E+00	1.18E+00	1.80E-05	1.59E-02	4.58E-01	7.32E-02	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Acrolein	3.02E-02	3.56E-02	5.13E-02	8.25E-02	7.72E-02	9.63E-02	1.13E-01	1.22E-01	3.51E-06	1.01E-02	5.37E-02	1.34E-02	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Acrylonitrile	2.00E-04	3.10E-04	5.20E-04	6.88E-04	1.37E-03	1.22E-03	1.89E-03	2.45E-03	3.87E-04	9.85E-04	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Arsenic Compounds	5.52E-05	6.78E-05	9.48E-05	1.45E-04	1.53E-04	1.92E-04	2.48E-04	3.06E-04	4.69E-06	7.07E-05	6.25E-05	1.48E-05	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Benzene	7.73E-01	8.25E-01	1.01E+00	1.25E+00	1.32E+00	1.45E+00	1.90E+00	2.30E+00	1.55E-03	1.23E-01	5.71E-01	1.44E-01	4.80E-01		
Rhode Island	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		
Rhode Island	Statewide	N/A	N/A	Beryllium Compounds	1.50E-05	2.03E-05	3.98E-05	1.93E-04	1.86E-04	2.85E-04	3.74E-04	4.06E-04	3.91E-06	1.82E-04	0.00E+00	4.21E-08	0.00E+00		
Rhode Island	Statewide	N/A	N/A	1,3-Butadiene	1.31E-02	1.74E-02	3.10E-02	5.12E-02	6.72E-02	7.97E-02	1.42E-01	1.97E-01	2.41E-07	3.02E-04	5.26E-02	1.43E-02	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Cadmium Compounds	1.76E-05	3.40E-05	5.82E-05	9.06E-05	1.12E-04	1.43E-04	2.15E-04	2.57E-04	4.56E-06	1.07E-04	0.00E+00	3.40E-07	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Carbon Disulfide	4.76E-02	4.79E-02	4.91E-02	5.04E-02	5.15E-02	5.19E-02	5.45E-02	5.89E-02	5.09E-05	4.48E-03	0.00E+00	0.00E+00	4.70E-02		
Rhode Island	Statewide	N/A	N/A	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	7.03E-07	3.92E-04	0.00E+00	0.00E+00	8.80E-01		
Rhode Island	Statewide	N/A	N/A	Chloroform	8.96E-02	9.22E-02	1.03E-01	1.14E-01	1.15E-01	1.27E-01	1.37E-01	1.44E-01	4.21E-05	3.19E-02	0.00E+00	0.00E+00	8.30E-02		
Rhode Island	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	5.00E-05	7.99E-05	1.49E-04	2.71E-04	3.08E-04	4.22E-04	5.87E-04	6.61E-04	8.02E-05	1.71E-04	5.43E-05	3.03E-06	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Chromium VI	1.92E-05	2.70E-05	5.01E-05	9.57E-05	1.41E-04	1.89E-04	3.07E-04	3.64E-04	1.21E-05	1.06E-04	2.17E-05	1.03E-06	0.00E+00		
Rhode Island	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		
Rhode Island	Statewide	N/A	N/A	1,4-Dichlorobenzene	1.43E-02	2.00E-02	3.78E-02	5.85E-02	6.92E-02	9.42E-02	1.33E-01	1.57E-01	3.53E-05	6.11E-02	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	1,3-Dichloropropene	3.59E-02	5.05E-02	9.59E-02	1.54E-01	1.85E-01	2.54E-01	3.65E-01	4.32E-01	0.00E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	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	2.15E-07	8.77E-07	0.00E+00	0.00E+00	7.70E-03		
Rhode Island	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	4.65E-05	4.43E-05	0.00E+00	0.00E+00	6.10E-02		
Rhode Island	Statewide	N/A	N/A	Ethylene Oxide	1.64E-03	2.42E-03	4.51E-03	7.85E-03	9.60E-03	1.25E-02	1.92E-02	2.42E-02	0.00E+00	9.60E-03	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Formaldehyde	4.28E-01	4.73E-01	6.07E-01	8.05E-01	8.56E-01	9.82E-01	1.31E+00	1.75E+00	2.10E-04	2.95E-02	4.38E-01	1.38E-01	2.50E-01		
Rhode Island	Statewide	N/A	N/A	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.37E-05	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.30E-05		
Rhode Island	Statewide	N/A	N/A	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	2.10E-07	0.00E+00	0.00E+00	1.80E-03		
Rhode Island	Statewide	N/A	N/A	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Hydrazine	6.65E-08	1.28E-07	2.14E-07	4.26E-07	1.82E-06	7.60E-07	2.34E-06	5.62E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Lead Compounds	5.66E-04	6.95E-04	9.98E-04	1.83E-03	2.09E-03	2.46E-03	3.15E-03	4.25E-03	4.14E-05	1.05E-03	0.00E+00	1.00E-03	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Manganese Compounds	4.69E-05	6.23E-05	1.06E-04	1.53E-04	1.78E-04	2.21E-04	3.13E-04	3.65E-04	1.08E-05	1.45E-04	1.75E-05	4.17E-06	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Mercury Compounds	1.55E-03	1.56E-03	1.60E-03	1.66E-03	1.68E-03	1.72E-03	1.81E-03	1.88E-03	2.42E-05	7.94E-05	6.04E-05	1.24E-05	1.50E-03		
Rhode Island	Statewide	N/A	N/A	Methylene Chloride	1.90E-01	2.03E-01	2.61E-01	3.29E-01	3.39E-01	3.99E-01	4.64E-01	5.27E-01	1.45E-03	1.87E-01	0.00E+00	0.00E+00	1.50E-01		
Rhode Island	Statewide	N/A	N/A	Nickel Compounds	1.64E-04	1.97E-04	3.27E-04	5.05E-04	6.90E-04	8.54E-04	1.18E-03	1.60E-03	1.56E-04	4.26E-04	4.02E-05	6.75E-05	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Perchloroethylene	1.55E-01	1.67E-01	1.90E-01	2.27E-01	2.29E-01	2.57E-01	2.95E-01	3.19E-01	6.84E-04	8.85E-02	0.00E+00	0.00E+00	1.40E-01		
Rhode Island	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.89E-04	3.90E-04	3.91E-04	3.93E-04	4.03E-04	3.98E-04	4.24E-04	4.63E-04	0.00E+00	2.33E-05	0.00E+00	0.00E+00	3.80E-04		
Rhode Island	Statewide	N/A	N/A	Polycyclic Organic Matter	2.70E-02	3.67E-02	5.52E-02	8.59E-02	9.15E-02	1.19E-01	1.56E-01	1.73E-01	4.07E-06	7.13E-02	1.66E-02	3.62E-03	0.00E+00		
Rhode Island	Statewide	N/A	N/A	7-PAH	6.94E-04	8.03E-04	8.97E-04	1.01E-03	1.09E-03	1.20E-03	1.46E-03	1.68E-03	9.67E-09	9.41E-04	1.10E-04	4.04E-05	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Propylene Dichloride	6.85E-06	1.62E-05	2.72E-05	3.61E-05	4.56E-05	6.19E-05	8.47E-05	1.01E-04	2.32E-05	2.23E-05	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Quinoline	5.80E-08	9.41E-08	2.49E-07	4.27E-07	7.00E-07	7.32E-07	1.45E-06	2.02E-06	0.00E+00	7.00E-07	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	3.95E-05	1.22E-04	2.05E-04	2.83E-04	3.60E-04	5.18E-04	6.79E-04	7.82E-04	2.13E-04	1.47E-04	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	Statewide	N/A	N/A	Trichloroethylene	8.56E-02	8.89E-02	1.02E-01	1.14E-01	1.38E-01	1.36E-01	1.75E-01	2.09E-01	9.24E-03	4.74E-02	0.00E+00	0.00E+00	8.10E-02		
Rhode Island	Statewide	N/A	N/A	Vinyl Chloride	1.48E-04	3.99E-04	6.28E-04	9.81E-04	1.06E-03	1.37E-03	1.78E-03	2.08E-03	5.38E-04	5.23E-04	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	All Urban Counties	N/A	U	Acetaldehyde	1.79E-01	2.13E-01	3.31E-01	4.91E-01	5.47E-01	6.45E-01	1.04E+00	1.18E+00	1.80E-05	1.59E-02	4.58E-01	7.32E-02	0.00E+00		
Rhode Island	All Urban Counties	N/A	U	Acrolein	3.02E-02	3.56E-02	5.13E-02	8.25E-02	7.72E-02	9.63E-02	1.13E-01	1.22E-01	3.51E-06	1.01E-02	5.37E-02	1.34E-02	0.00E+00		
Rhode Island	All Urban Counties	N/A	U	Acrylonitrile	2.00E-04	3.10E-04	5.20E-04	6.88E-04	1.37E-03	1.22E-03	1.89E-03	2.45E-03	3.87E-04	9.85E-04	0.00E+00	0.00E+00	0.00E+00		
Rhode Island	All Urban Counties	N/A	U	Arsenic Compounds	5.52E-05	6.78E-05	9.48E-05	1.45E-04	1.53E-04	1.92E-04	2.48E-04	3.06E-04	4.69E-06	7.07E-05	6.25E-05	1.48E-05	0.00E+00		
Rhode Island	All Urban Counties	N/A	U	Benzene	7.73E-01	8.25E-01	1.01E+00	1.25E+00	1.32E+00	1.45E+00	1.90E+00	2.30E+00	1.55E-03	1.23E-01	5.71E-01	1.44E-01	4.80E-01		
Rhode Island	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		
Rhode Island	All Urban Counties	N/A	U	Beryllium Compounds	1.50E-05	2.03E-05	3.98E-05	1.93E-04	1.86E-04	2.85E-04	3.74E-04	4.06E-04	3.91E-06	1.82E-04	0.00E+00	4.21E-08	0.00E+00		
Rhode Island	All Urban Counties	N/A	U	1,3-Butadiene	1.31E-02	1.74E-02	3.10E-02	5.12E-02	6.72E-02	7.97E-02	1.42E-01	1.97E-01	2.41E-07	3.02E-04	5.26E-02	1.43E-02	0.00E+00		

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Estimated Annual Average Ambient Concentrations µg/m3 for Rhode Island

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
Rhode Island	All Urban Counties	N/A	U	Cadmium Compounds	1.76E-05	3.40E-05	5.82E-05	9.06E-05	1.12E-04	1.43E-04	2.15E-04	2.57E-04	4.56E-06	1.07E-04	0.00E+00	3.40E-07	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Carbon Disulfide	4.76E-02	4.79E-02	4.91E-02	5.04E-02	5.15E-02	5.19E-02	5.45E-02	5.89E-02	5.09E-05	4.48E-03	0.00E+00	0.00E+00	4.70E-02
Rhode Island	All Urban Counties	N/A	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	7.03E-07	3.92E-04	0.00E+00	0.00E+00	8.80E-01
Rhode Island	All Urban Counties	N/A	U	Chloroform	8.96E-02	9.22E-02	1.03E-01	1.14E-01	1.15E-01	1.27E-01	1.37E-01	1.44E-01	4.21E-05	3.19E-02	0.00E+00	0.00E+00	8.30E-02
Rhode Island	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	5.00E-05	7.99E-05	1.49E-04	2.71E-04	3.08E-04	4.22E-04	5.87E-04	6.61E-04	8.02E-05	1.71E-04	5.43E-05	3.03E-06	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Chromium VI	1.92E-05	2.70E-05	5.01E-05	9.57E-05	1.41E-04	1.89E-04	3.07E-04	3.64E-04	1.21E-05	1.06E-04	2.17E-05	1.03E-06	0.00E+00
Rhode Island	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
Rhode Island	All Urban Counties	N/A	U	1,4-Dichlorobenzene	1.43E-02	2.00E-02	3.78E-02	5.85E-02	6.92E-02	9.42E-02	1.33E-01	1.57E-01	3.53E-05	6.91E-02	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	U	1,3-Dichloropropene	3.59E-02	5.05E-02	9.59E-02	1.54E-01	1.85E-01	2.54E-01	3.65E-01	4.32E-01	0.00E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	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	2.15E-07	8.77E-07	0.00E+00	0.00E+00	7.70E-03
Rhode Island	All Urban Counties	N/A	U	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	4.65E-05	4.43E-05	0.00E+00	0.00E+00	6.10E-02
Rhode Island	All Urban Counties	N/A	U	Ethylene Oxide	1.64E-03	2.42E-03	4.51E-03	7.85E-03	9.60E-03	1.25E-02	1.92E-02	2.42E-02	0.00E+00	9.60E-03	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Formaldehyde	4.28E-01	4.73E-01	6.07E-01	8.05E-01	8.56E-01	9.82E-01	1.31E+00	1.75E+00	2.10E-04	2.95E-02	4.38E-01	1.38E-01	2.50E-01
Rhode Island	All Urban Counties	N/A	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.37E-05	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.30E-05
Rhode Island	All Urban Counties	N/A	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	2.10E-07	0.00E+00	0.00E+00	1.80E-03
Rhode Island	All Urban Counties	N/A	U	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Hydrazine	6.65E-08	1.28E-07	2.14E-07	4.26E-07	1.82E-06	7.60E-07	2.34E-06	5.62E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Lead Compounds	5.66E-04	6.95E-04	9.98E-04	1.83E-03	2.09E-03	2.46E-03	3.15E-03	4.25E-03	4.14E-05	1.05E-03	0.00E+00	1.00E-03	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Manganese Compounds	4.69E-05	6.23E-05	1.06E-04	1.53E-04	1.78E-04	2.21E-04	3.13E-04	3.65E-04	1.08E-05	1.45E-04	1.75E-05	4.17E-06	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Mercury Compounds	1.55E-03	1.56E-03	1.60E-03	1.66E-03	1.68E-03	1.72E-03	1.81E-03	1.88E-03	2.42E-05	7.94E-05	6.04E-05	1.24E-05	1.50E-03
Rhode Island	All Urban Counties	N/A	U	Methylene Chloride	1.90E-01	2.03E-01	2.61E-01	3.29E-01	3.39E-01	3.99E-01	4.64E-01	5.27E-01	1.45E-03	1.87E-01	0.00E+00	0.00E+00	1.50E-01
Rhode Island	All Urban Counties	N/A	U	Nickel Compounds	1.64E-04	1.97E-04	3.27E-04	5.50E-04	6.90E-04	8.54E-04	1.18E-03	1.60E-03	1.56E-04	4.26E-04	4.02E-05	6.75E-05	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Perchloroethylene	1.55E-01	1.67E-01	1.90E-01	2.27E-01	2.29E-01	2.57E-01	2.95E-01	3.19E-01	6.84E-04	8.85E-02	0.00E+00	0.00E+00	1.40E-01
Rhode Island	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.89E-04	3.90E-04	3.91E-04	3.93E-04	4.03E-04	3.98E-04	4.24E-04	4.63E-04	0.00E+00	2.33E-05	0.00E+00	0.00E+00	3.80E-04
Rhode Island	All Urban Counties	N/A	U	Polycyclic Organic Matter	2.70E-02	3.67E-02	5.52E-02	8.59E-02	9.15E-02	1.19E-01	1.56E-01	1.73E-01	4.07E-06	7.13E-02	1.66E-02	3.62E-03	0.00E+00
Rhode Island	All Urban Counties	N/A	U	7-PAH	6.94E-04	8.03E-04	8.97E-04	1.01E-03	1.09E-03	1.20E-03	1.46E-03	1.68E-03	9.67E-09	9.41E-04	1.10E-04	4.62E-05	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Propylene Dichloride	6.85E-06	1.62E-05	2.72E-05	3.61E-05	4.56E-05	6.19E-05	8.47E-05	1.01E-04	2.32E-05	2.23E-05	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Quinoline	5.80E-08	9.41E-08	2.49E-07	4.27E-07	7.00E-07	7.32E-07	1.45E-06	2.02E-06	0.00E+00	7.00E-07	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	U	1,1,1,2,2-Tetrachloroethane	3.95E-05	1.22E-04	2.05E-04	2.83E-04	3.60E-04	5.18E-04	6.79E-04	7.82E-04	2.13E-04	1.47E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	All Urban Counties	N/A	U	Trichloroethylene	8.56E-02	8.89E-02	1.02E-01	1.14E-01	1.38E-01	1.36E-01	1.75E-01	2.09E-01	9.24E-03	4.74E-02	0.00E+00	0.00E+00	8.10E-02
Rhode Island	All Urban Counties	N/A	U	Vinyl Chloride	1.48E-04	3.99E-04	6.28E-04	9.81E-04	1.06E-03	1.37E-03	1.78E-03	2.08E-03	5.38E-04	5.23E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	Acetaldehyde	3.50E-01	3.80E-01	4.10E-01	4.23E-01	4.38E-01	4.90E-01	4.99E-01	5.29E-01	3.22E-05	1.94E-02	3.73E-01	4.60E-02	0.00E+00
Rhode Island	Bristol County	44001	U	Acrolein	5.71E-02	6.51E-02	7.08E-02	7.41E-02	7.38E-02	7.90E-02	8.12E-02	8.45E-02	2.43E-06	8.01E-03	5.02E-02	1.56E-02	0.00E+00
Rhode Island	Bristol County	44001	U	Acrylonitrile	1.16E-03	1.28E-03	1.35E-03	1.49E-03	1.56E-03	1.87E-03	1.92E-03	2.06E-03	9.65E-04	5.92E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	Arsenic Compounds	7.98E-05	8.78E-05	9.25E-05	1.03E-04	1.13E-04	1.26E-04	1.43E-04	1.92E-04	6.40E-06	5.25E-05	4.49E-05	9.10E-06	0.00E+00
Rhode Island	Bristol County	44001	U	Benzene	9.52E-01	1.01E+00	1.06E+00	1.11E+00	1.16E+00	1.25E+00	1.37E+00	1.51E+00	2.84E-03	1.03E-01	4.35E-01	1.41E-01	4.80E-01
Rhode Island	Bristol County	44001	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
Rhode Island	Bristol County	44001	U	Beryllium Compounds	2.54E-05	3.15E-05	4.02E-05	1.78E-04	1.39E-04	2.01E-04	2.10E-04	2.26E-06	1.36E-04	0.00E+00	2.35E-08	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	1,3-Butadiene	2.19E-02	2.23E-02	2.88E-02	3.34E-02	4.25E-02	5.18E-02	6.62E-02	9.81E-02	2.29E-09	2.87E-04	3.04E-02	1.18E-02	0.00E+00
Rhode Island	Bristol County	44001	U	Cadmium Compounds	6.67E-05	8.45E-05	8.66E-05	1.05E-04	1.06E-04	1.27E-04	1.29E-04	1.39E-04	2.04E-06	1.04E-04	0.00E+00	1.45E-07	0.00E+00
Rhode Island	Bristol County	44001	U	Carbon Disulfide	4.91E-02	4.97E-02	4.97E-02	5.00E-02	5.03E-02	5.03E-02	5.20E-02	5.21E-02	1.28E-04	3.14E-03	0.00E+00	0.00E+00	4.70E-02
Rhode Island	Bristol County	44001	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	1.77E-06	4.26E-04	0.00E+00	0.00E+00	8.80E-01
Rhode Island	Bristol County	44001	U	Chloroform	1.05E-01	1.05E-01	1.10E-01	1.12E-01	1.19E-01	1.27E-01	1.33E-01	1.62E-01	1.03E-05	3.84E-02	0.00E+00	0.00E+00	8.30E-02
Rhode Island	Bristol County	44001	U	Chromium Compounds (includes Hexavalent)	2.39E-04	2.42E-04	2.45E-04	2.76E-04	2.81E-04	3.07E-04	3.28E-04	3.43E-04	1.31E-04	1.08E-04	3.94E-05	2.42E-06	0.00E+00
Rhode Island	Bristol County	44001	U	Chromium VI	5.27E-05	5.76E-05	5.83E-05	7.20E-05	7.29E-05	7.79E-05	8.96E-05	1.09E-04	1.85E-05	3.78E-05	1.58E-05	8.22E-07	0.00E+00
Rhode Island	Bristol County	44001	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
Rhode Island	Bristol County	44001	U	1,4-Dichlorobenzene	3.01E-02	3.12E-02	3.80E-02	4.28E-02	4.90E-02	5.79E-02	6.34E-02	1.02E-01	8.87E-05	4.89E-02	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	1,3-Dichloropropene	7.56E-02	7.74E-02	9.57E-02	1.10E-01	1.27E-01	1.52E-01	1.67E-01	2.79E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	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	5.40E-07	5.63E-07	0.00E+00	0.00E+00	7.70E-03
Rhode Island	Bristol County	44001	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	1.17E-04	5.60E-05	0.00E+00	0.00E+00	6.10E-02
Rhode Island	Bristol County	44001	U	Ethylene Oxide	3.49E-03	3.60E-03	4.28E-03	5.29E-03	5.95E-03	7.10E-03	7.86E-03	1.32E-02	0.00E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	Formaldehyde	5.73E-01	6.41E-01	6.43E-01	6.80E-01	7.04E-01	7.58E-01	8.08E-01	8.93E-01	1.22E-04	2.01E-02	3.38E-01	9.56E-02	2.50E-01
Rhode Island	Bristol County	44001	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.40E-08	0.00E+00	0.00E+00	9.30E-05
Rhode Island	Bristol County	44001	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	2.37E-07	0.00E+00	0.00E+00	1.80E-03
Rhode Island	Bristol County	44001	U	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	Hydrazine	4.00E-07	4.26E-07	4.35E-07	5.16E-07	5.21E-07	5.93E-07	6.62E-07	6.62E-07	0.00E+00	5.21E-07	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	Lead Compounds	1.07E-03	1.40E-03	1.43E-03	1.88E-03	1.82E-03	2.28E-03	2.38E-03	2.49E-03	1.58E-05	7.59E-04	0.00E+00	1	

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

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
Rhode Island	Bristol County	44001	U	7-PAH	6.84E-04	8.52E-04	9.25E-04	9.60E-04	9.98E-04	1.16E-03	1.24E-03	1.33E-03	4.38E-08	8.79E-04	7.91E-05	3.95E-05	0.00E+00
Rhode Island	Bristol County	44001	U	Propylene Dichloride	6.23E-05	7.40E-05	7.45E-05	8.30E-05	8.79E-05	1.05E-04	1.08E-04	1.20E-04	5.84E-05	2.95E-05	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	Quinoline	2.67E-07	3.27E-07	3.32E-07	3.56E-07	3.63E-07	4.09E-07	4.51E-07	4.54E-07	0.00E+00	3.63E-07	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	1,1,2,2-Tetrachloroethane	5.53E-04	6.55E-04	6.61E-04	7.37E-04	7.68E-04	8.86E-04	9.50E-04	1.06E-03	5.35E-04	2.32E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Bristol County	44001	U	Trichloroethylene	1.05E-01	1.08E-01	1.09E-01	1.13E-01	1.14E-01	1.15E-01	1.27E-01	1.32E-01	1.54E-02	1.80E-02	0.00E+00	0.00E+00	8.10E-02
Rhode Island	Bristol County	44001	U	Vinyl Chloride	1.40E-03	1.63E-03	1.67E-03	1.86E-03	1.93E-03	2.22E-03	2.38E-03	2.65E-03	1.32E-03	6.07E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Acetaldehyde	2.00E-01	2.41E-01	2.87E-01	4.83E-01	5.13E-01	6.31E-01	9.71E-01	1.04E+00	1.16E-05	1.59E-02	4.21E-01	7.55E-02	0.00E+00
Rhode Island	Kent County	44003	U	Acrolein	3.56E-02	3.75E-02	5.55E-02	7.19E-02	7.57E-02	9.20E-02	1.22E-01	1.33E-01	2.80E-06	7.60E-03	4.82E-02	1.98E-02	0.00E+00
Rhode Island	Kent County	44003	U	Acrylonitrile	2.47E-04	2.86E-04	4.76E-04	6.11E-04	6.08E-04	7.76E-04	9.04E-04	9.96E-04	2.41E-04	3.67E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Arsenic Compounds	6.23E-05	7.47E-05	9.61E-05	1.10E-04	1.20E-04	1.45E-04	1.83E-04	2.10E-04	3.27E-06	5.47E-05	5.14E-05	1.08E-05	0.00E+00
Rhode Island	Kent County	44003	U	Benzene	8.23E-01	8.73E-01	9.97E-01	1.11E+00	1.19E+00	1.34E+00	1.74E+00	1.81E+00	9.70E-04	9.82E-02	4.62E-01	1.45E-01	4.80E-01
Rhode Island	Kent County	44003	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
Rhode Island	Kent County	44003	U	Beryllium Compounds	1.50E-05	2.36E-05	3.57E-05	1.28E-04	1.15E-04	1.86E-04	2.13E-04	2.38E-04	2.36E-06	1.12E-04	0.00E+00	1.37E-08	0.00E+00
Rhode Island	Kent County	44003	U	1,3-Butadiene	1.76E-02	2.30E-02	3.08E-02	4.34E-02	5.61E-02	6.79E-02	1.35E-01	1.97E-07	2.82E-04	3.80E-02	1.79E-02	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Cadmium Compounds	3.07E-05	4.33E-05	5.85E-05	7.41E-05	7.70E-05	8.81E-05	1.19E-04	1.32E-04	2.14E-06	7.47E-05	0.00E+00	1.10E-07	0.00E+00
Rhode Island	Kent County	44003	U	Carbon Disulfide	4.78E-02	4.83E-02	5.01E-02	5.19E-02	5.31E-02	5.49E-02	5.89E-02	5.97E-02	3.18E-05	6.06E-03	0.00E+00	0.00E+00	4.70E-02
Rhode Island	Kent County	44003	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	4.37E-07	4.39E-04	0.00E+00	0.00E+00	8.80E-01
Rhode Island	Kent County	44003	U	Chloroform	9.09E-02	9.85E-02	1.05E-01	1.12E-01	1.11E-01	1.17E-01	1.28E-01	1.28E-01	2.99E-05	2.77E-02	0.00E+00	0.00E+00	8.30E-02
Rhode Island	Kent County	44003	U	Chromium Compounds (includes Hexavalent)	8.08E-05	9.25E-05	1.40E-04	1.69E-04	1.73E-04	2.07E-04	2.62E-04	2.98E-04	4.63E-05	8.02E-05	4.42E-05	2.41E-06	0.00E+00
Rhode Island	Kent County	44003	U	Chromium VI	2.60E-05	2.94E-05	4.94E-05	5.71E-05	5.99E-05	7.04E-05	9.46E-05	1.12E-04	6.97E-06	3.45E-05	1.76E-05	8.18E-07	0.00E+00
Rhode Island	Kent County	44003	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
Rhode Island	Kent County	44003	U	1,4-Dichlorobenzene	1.44E-02	2.90E-02	4.03E-02	4.85E-02	4.86E-02	5.76E-02	6.65E-02	7.73E-02	2.19E-05	4.86E-02	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	1,3-Dichloropropene	3.59E-02	7.68E-02	1.08E-01	1.29E-01	1.80E-01	1.30E-01	1.56E-01	1.80E-01	2.09E-01	0.00E+00	1.30E-01	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	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	1.34E-07	1.17E-06	0.00E+00	0.00E+00	7.70E-03
Rhode Island	Kent County	44003	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.90E-05	4.50E-05	0.00E+00	0.00E+00	6.10E-02
Rhode Island	Kent County	44003	U	Ethylene Oxide	1.64E-03	3.62E-03	5.55E-03	6.67E-03	6.58E-03	8.09E-03	9.21E-03	1.08E-02	0.00E+00	6.58E-03	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Formaldehyde	4.60E-01	5.10E-01	6.17E-01	7.22E-01	7.88E-01	9.34E-01	1.22E+00	1.30E+00	1.57E-04	1.95E-02	3.67E-01	1.51E-01	2.50E-01
Rhode Island	Kent County	44003	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.51E-07	0.00E+00	0.00E+00	9.30E-05
Rhode Island	Kent County	44003	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	2.33E-07	0.00E+00	0.00E+00	1.80E-03
Rhode Island	Kent County	44003	U	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Hydrazine	2.10E-07	5.99E-07	1.50E-06	2.34E-06	8.91E-06	6.63E-06	1.56E-05	5.61E-05	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Lead Compounds	8.24E-04	9.61E-04	1.33E-03	2.42E-03	3.74E-03	4.25E-03	7.94E-03	1.39E-02	2.05E-05	1.02E-03	0.00E+00	2.69E-03	0.00E+00
Rhode Island	Kent County	44003	U	Manganese Compounds	5.00E-05	6.64E-05	1.01E-04	1.30E-04	1.31E-04	1.53E-04	1.92E-04	2.20E-04	8.16E-06	1.06E-04	1.42E-05	2.18E-06	0.00E+00
Rhode Island	Kent County	44003	U	Mercury Compounds	1.57E-03	1.58E-03	1.60E-03	1.62E-03	1.63E-03	1.66E-03	1.72E-03	1.78E-03	1.21E-05	6.34E-05	5.01E-05	8.28E-06	1.50E-03
Rhode Island	Kent County	44003	U	Methylene Chloride	1.91E-01	2.24E-01	2.97E-01	3.35E-01	3.40E-01	3.91E-01	4.43E-01	4.73E-01	8.67E-04	1.89E-01	0.00E+00	0.00E+00	1.50E-01
Rhode Island	Kent County	44003	U	Nickel Compounds	1.68E-04	1.74E-04	3.79E-04	4.86E-04	4.91E-04	5.97E-04	7.23E-04	9.42E-04	9.27E-05	3.42E-04	3.28E-05	2.37E-05	0.00E+00
Rhode Island	Kent County	44003	U	Perchloroethylene	1.55E-01	1.76E-01	1.94E-01	2.12E-01	2.11E-01	2.22E-01	2.43E-01	2.59E-01	4.25E-04	7.04E-02	0.00E+00	0.00E+00	1.40E-01
Rhode Island	Kent County	44003	U	Polychlorinated Biphenyls	3.91E-04	3.92E-04	3.94E-04	3.95E-04	3.97E-04	3.96E-04	4.00E-04	4.06E-04	0.00E+00	1.68E-05	0.00E+00	0.00E+00	3.80E-04
Rhode Island	Kent County	44003	U	Polycyclic Organic Matter	3.10E-02	4.43E-02	6.09E-02	7.05E-02	7.36E-02	9.15E-02	1.04E-01	1.17E-01	2.94E-06	5.33E-02	1.35E-02	6.74E-03	0.00E+00
Rhode Island	Kent County	44003	U	7-PAH	7.80E-04	8.05E-04	8.42E-04	9.18E-04	9.60E-04	1.04E-03	1.18E-03	1.28E-03	3.31E-09	8.23E-04	9.07E-05	4.57E-05	0.00E+00
Rhode Island	Kent County	44003	U	Propylene Dichloride	1.18E-05	1.43E-05	3.00E-05	3.75E-05	3.60E-05	4.22E-05	5.02E-05	5.94E-05	1.45E-05	2.15E-05	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Quinoline	8.49E-08	2.11E-07	4.76E-07	8.05E-07	1.23E-06	1.48E-06	2.89E-06	3.21E-06	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	1,1,2,2-Tetrachloroethane	9.85E-05	1.12E-04	1.42E-04	2.07E-04	2.23E-04	2.90E-04	3.70E-04	3.88E-04	1.32E-04	9.02E-05	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Kent County	44003	U	Trichloroethylene	8.77E-02	9.09E-02	1.01E-01	1.08E-01	1.10E-01	1.16E-01	1.29E-01	1.40E-01	5.65E-03	2.29E-02	0.00E+00	0.00E+00	8.10E-02
Rhode Island	Kent County	44003	U	Vinyl Chloride	2.97E-04	3.41E-04	5.66E-04	6.31E-04	6.56E-04	8.18E-04	9.31E-04	9.72E-04	3.28E-04	3.28E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Acetaldehyde	1.70E-01	1.79E-01	1.97E-01	2.60E-01	2.74E-01	3.17E-01	3.78E-01	4.19E-01	3.51E-05	1.62E-02	2.24E-01	3.40E-02	0.00E+00
Rhode Island	Newport County	44005	U	Acrolein	3.16E-02	3.38E-02	3.93E-02	4.47E-02	4.43E-02	4.87E-02	5.47E-02	5.95E-02	4.46E-06	4.87E-03	2.98E-02	9.62E-03	0.00E+00
Rhode Island	Newport County	44005	U	Acrylonitrile	3.82E-04	4.49E-04	4.88E-04	5.60E-04	7.04E-04	7.61E-04	1.21E-03	1.54E-03	3.25E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Arsenic Compounds	5.52E-05	5.66E-05	7.05E-05	8.28E-05	8.69E-05	9.19E-05	1.20E-04	1.47E-04	1.11E-05	4.10E-05	2.77E-05	7.09E-06	0.00E+00
Rhode Island	Newport County	44005	U	Benzene	8.13E-01	8.20E-01	9.13E-01	9.52E-01	9.65E-01	1.03E+00	1.11E+00	1.14E+00	9.60E-04	8.06E-02	2.61E-01	1.42E-01	4.80E-01
Rhode Island	Newport County	44005	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
Rhode Island	Newport County	44005	U	Beryllium Compounds	1.39E-05	1.61E-05	2.05E-05	2.35E-05	2.71E-05	3.13E-05	3.76E-05	4.03E-05	1.20E-06	2.59E-05	0.00E+00	9.02E-09	0.00E+00
Rhode Island	Newport County	44005	U	1,3-Butadiene	1.09E-02	1.59E-02	2.16E-02	2.82E-02	2.99E-02	3.29E-02	5.15E-02	5.75E-02	0.00E+00	1.90E-02	1.07E-02	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Cadmium Compounds	2.36E-05	3.43E-05	5.08E-05	5.67E-05	5.84E-05	6.54E-05	8.60E-05	9.24E-05	1.39E-06	5.70E-05	0.00E+00	4.78E-08	0.00E+00
Rhode Island	Newport County	44005	U	Carbon Disulfide	4.79E-02	4.80E-02	4.81E-02	4.86E-02	4.89E-02	4.93E-02	5.09E-02	5.16E-02	4.48E-05	1.86E-03	0.00E+00	0.00E+00	4.70E-02
Rhode Island	Newport County	44005	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-07	3.12E-04	0.00E+00	0.00E+00	8.80E-01
Rhode Island	Newport County	44005	U	Chloroform	9.19E-02	9.34E-02	9.61E-02</										

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

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		
Rhode Island	Newport County	44005	U	Ethylene Oxide	2.05E-03	2.42E-03	3.23E-03	4.30E-03	5.75E-03	7.22E-03	8.38E-03	8.47E-03	0.00E+00	5.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Rhode Island	Newport County	44005	U	Formaldehyde	4.27E-01	4.30E-01	4.80E-01	5.31E-01	5.32E-01	5.75E-01	6.21E-01	6.33E-01	1.69E-04	1.18E-02	2.08E-01	6.18E-02	2.50E-01	0.00E+00	
Rhode Island	Newport County	44005	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Rhode Island	Newport County	44005	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	1.78E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Rhode Island	Newport County	44005	U	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Rhode Island	Newport County	44005	U	Hydrazine	1.05E-07	1.16E-07	1.32E-07	1.57E-07	1.77E-07	1.84E-07	2.72E-07	2.82E-07	0.00E+00	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Lead Compounds	3.60E-04	4.67E-04	6.61E-04	7.55E-04	7.41E-04	8.68E-04	9.80E-04	1.04E-03	1.16E-05	4.14E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Manganese Compounds	6.48E-05	7.52E-05	9.05E-05	1.06E-04	1.13E-04	1.15E-04	2.02E-04	2.09E-04	3.15E-05	7.29E-05	7.39E-06	1.35E-06	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Mercury Compounds	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	1.58E-03	1.60E-03	1.61E-03	3.28E-06	3.92E-05	2.72E-05	5.12E-06	1.50E-03	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Methylene Chloride	1.99E-01	2.00E-01	2.21E-01	2.40E-01	2.57E-01	2.62E-01	3.15E-01	3.60E-01	1.21E-03	1.05E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Rhode Island	Newport County	44005	U	Nickel Compounds	1.69E-04	1.72E-04	2.41E-04	2.75E-04	2.86E-04	3.71E-04	3.97E-04	4.09E-04	7.40E-05	1.84E-04	1.75E-05	1.01E-05	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Perchloroethylene	1.60E-01	1.60E-01	1.69E-01	1.89E-01	1.97E-01	2.09E-01	2.48E-01	2.69E-01	5.76E-04	5.60E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Rhode Island	Newport County	44005	U	Polychlorinated Biphenyls	3.89E-04	3.90E-04	3.91E-04	3.95E-04	3.95E-04	3.97E-04	3.99E-04	3.99E-04	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Rhode Island	Newport County	44005	U	Polycyclic Organic Matter	3.59E-02	3.76E-02	4.42E-02	4.96E-02	5.41E-02	6.17E-02	7.59E-02	7.81E-02	1.31E-06	4.48E-02	7.49E-03	1.79E-03	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	7-PAH	6.60E-04	6.69E-04	7.33E-04	8.63E-04	9.22E-04	1.04E-03	1.20E-03	1.47E-03	2.11E-08	8.33E-04	4.93E-05	4.02E-05	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Propylene Dichloride	2.09E-05	2.52E-05	2.65E-05	2.99E-05	3.93E-05	3.75E-05	7.07E-05	9.48E-05	1.96E-05	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Quinoline	8.45E-08	9.70E-08	1.05E-07	1.13E-07	1.71E-07	1.43E-07	2.24E-07	3.29E-07	0.00E+00	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	1,1,2,2-Tetrachloroethane	1.84E-04	2.05E-04	2.18E-04	2.36E-04	3.37E-04	3.39E-04	6.17E-04	7.82E-04	1.80E-04	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Newport County	44005	U	Trichloroethylene	9.20E-02	9.38E-02	9.77E-02	1.03E-01	1.04E-01	1.08E-01	1.10E-01	1.24E-01	8.94E-03	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Rhode Island	Newport County	44005	U	Vinyl Chloride	4.46E-04	4.97E-04	5.23E-04	5.63E-04	8.22E-04	8.16E-04	1.53E-03	1.97E-03	4.43E-04	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Acetaldehyde	1.82E-01	3.85E-01	4.44E-01	5.64E-01	6.54E-01	8.03E-01	1.16E+00	1.34E+00	1.85E-05	1.69E-02	5.47E-01	9.00E-02	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Acrolein	3.90E-02	6.29E-02	8.22E-02	9.09E-02	9.05E-02	1.02E-01	1.19E-01	1.26E-01	1.04E-06	1.31E-02	6.41E-02	1.33E-02	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Acrylonitrile	3.94E-04	4.98E-04	5.85E-04	8.94E-04	1.87E-03	1.34E-03	2.22E-03	3.56E-03	4.39E-04	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Arsenic Compounds	5.91E-05	1.05E-04	1.43E-04	1.76E-04	1.87E-04	2.18E-04	2.89E-04	3.47E-04	4.30E-06	8.48E-05	7.83E-05	1.94E-05	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Benzene	8.25E-01	1.09E+00	1.25E+00	1.37E+00	1.50E+00	1.65E+00	2.16E+00	2.63E+00	1.92E-03	1.44E-01	7.20E-01	1.54E-01	4.80E-01	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	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	0.00E+00
Rhode Island	Providence County	44007	U	Beryllium Compounds	7.74E-05	1.31E-04	1.99E-04	2.60E-04	2.65E-04	3.37E-04	4.02E-04	4.23E-04	5.46E-06	2.59E-04	0.00E+00	6.39E-08	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	1,3-Butadiene	1.54E-02	3.45E-02	4.54E-02	6.11E-02	8.55E-02	1.06E-01	1.86E-01	2.38E-01	5.47E-08	3.26E-04	6.96E-02	1.55E-02	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Cadmium Compounds	4.67E-05	6.02E-05	8.59E-05	1.33E-04	1.47E-04	1.87E-04	2.42E-04	2.66E-04	6.63E-06	1.40E-04	0.00E+00	5.23E-07	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Carbon Disulfide	4.82E-02	4.91E-02	5.01E-02	5.11E-02	5.23E-02	5.22E-02	5.45E-02	6.65E-02	5.79E-05	5.25E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Rhode Island	Providence County	44007	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.04E-07	4.36E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Rhode Island	Providence County	44007	U	Chloroform	9.47E-02	9.97E-02	1.11E-01	1.20E-01	1.22E-01	1.33E-01	1.41E-01	1.49E-01	7.78E-06	3.87E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Rhode Island	Providence County	44007	U	Chromium Compounds (includes Hexavalent)	1.34E-04	1.89E-04	2.77E-04	3.98E-04	4.17E-04	5.23E-04	6.46E-04	8.16E-04	1.00E-04	2.45E-04	6.88E-05	3.77E-06	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Chromium VI	4.14E-05	7.11E-05	1.07E-04	1.78E-04	2.05E-04	2.61E-04	3.53E-04	5.03E-04	1.54E-05	1.61E-04	2.75E-05	1.28E-06	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	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	0.00E+00
Rhode Island	Providence County	44007	U	1,4-Dichlorobenzene	2.00E-02	3.41E-02	5.85E-02	8.04E-02	8.92E-02	1.20E-01	1.51E-01	1.69E-01	4.04E-05	8.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	1,3-Dichloropropene	5.04E-02	8.91E-02	1.53E-01	2.14E-01	2.39E-01	3.26E-01	4.16E-01	4.65E-01	0.00E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	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	2.46E-07	1.05E-06	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Rhode Island	Providence County	44007	U	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	5.31E-05	4.95E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Rhode Island	Providence County	44007	U	Ethylene Oxide	2.33E-03	3.92E-03	7.36E-03	1.14E-02	1.25E-02	1.69E-02	2.24E-02	2.63E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Formaldehyde	4.56E-01	6.71E-01	7.96E-01	8.96E-01	9.97E-01	1.14E+00	1.83E+00	1.56E+00	0.32E-04	3.94E-02	5.40E-01	1.67E-01	2.50E-01	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Rhode Island	Providence County	44007	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	2.33E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Rhode Island	Providence County	44007	U	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Hydrazine	8.92E-08	1.69E-07	2.84E-07	4.21E-07	5.82E-07	6.24E-07	9.66E-07	1.81E-06	0.00E+00	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Lead Compounds	6.95E-04	9.50E-04	1.44E-03	2.16E-03	2.12E-03	2.59E-03	2.96E-03	3.27E-03	5.10E-05	1.80E-03	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Manganese Compounds	6.69E-05	9.66E-05	1.51E-04	2.04E-04	2.23E-04	2.23E-04	2.55E-04	3.57E-04	4.19E-04	8.34E-06	1.87E-04	2.23E-05	5.93E-06	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Mercury Compounds	1.59E-03	1.62E-03	1.66E-03	1.70E-03	1.73E-03	1.77E-03	1.85E-03	1.94E-03	3.55E-05	1.02E-04	7.50E-05	1.66E-05	1.50E-03	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Methylene Chloride	2.12E-01	2.49E-01	3.09E-01	3.70E-01	3.74E-01	4.22E-01	4.82E-01	5.49E-01	1.63E-03	2.23E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Rhode Island	Providence County	44007	U	Nickel Compounds	2.22E-04	3.38E-04	5.41E-04	7.54E-04	9.08E-04	1.03E-03	1.42E-03	2.87E-03	2.12E-04	5.43E-04	5.09E-05	1.03E-04	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Providence County	44007	U	Perchloroethylene	1.63E-01	1.84E-01	2.18E-01	2.49E-01	2.51E-										

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 Estimated Annual Average Ambient Concentrations µg/m3 for Rhode Island

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	
Rhode Island	Washington County	44009	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
Rhode Island	Washington County	44009	U	Beryllium Compounds	1.13E-05	1.30E-05	1.39E-05	1.83E-05	2.15E-05	2.46E-05	3.29E-05	5.45E-05	9.40E-07	2.06E-05	0.00E+00	2.09E-09	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	1,3-Butadiene	1.07E-02	1.16E-02	1.53E-02	1.79E-02	2.79E-02	3.69E-02	5.05E-02	6.66E-02	1.60E-06	2.98E-04	2.11E-02	6.53E-03	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Cadmium Compounds	1.07E-05	1.09E-05	1.47E-05	1.91E-05	2.70E-05	4.15E-05	5.19E-05	5.42E-05	7.62E-07	2.63E-05	0.00E+00	1.99E-08	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Carbon Disulfide	4.74E-02	4.75E-02	4.76E-02	4.79E-02	4.80E-02	4.82E-02	4.89E-02	4.90E-02	1.40E-05	9.70E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Rhode Island	Washington County	44009	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	1.89E-07	1.39E-04	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Rhode Island	Washington County	44009	U	Chloroform	8.80E-02	8.84E-02	8.91E-02	9.16E-02	9.31E-02	9.49E-02	1.03E-01	1.07E-01	2.88E-04	9.83E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Rhode Island	Washington County	44009	U	Chromium Compounds (includes Hexavalent)	3.06E-05	3.99E-05	4.63E-05	6.00E-05	7.56E-05	1.05E-04	1.46E-04	1.51E-04	1.30E-05	3.70E-05	2.45E-05	1.18E-06	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Chromium VI	1.28E-05	1.35E-05	1.85E-05	2.46E-05	2.96E-05	3.74E-05	6.14E-05	6.47E-05	1.82E-06	1.76E-05	9.80E-06	4.01E-07	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	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
Rhode Island	Washington County	44009	U	1,4-Dichlorobenzene	9.78E-03	1.10E-02	1.45E-02	2.31E-02	2.65E-02	3.22E-02	4.60E-02	6.53E-02	9.47E-06	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	1,3-Dichloropropene	2.29E-02	2.75E-02	3.67E-02	6.06E-02	6.95E-02	8.62E-02	1.23E-01	1.68E-01	0.00E+00	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	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	5.76E-08	1.74E-07	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Rhode Island	Washington County	44009	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	1.26E-05	1.76E-05	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Rhode Island	Washington County	44009	U	Ethylene Oxide	8.92E-04	1.22E-03	1.74E-03	2.87E-03	3.37E-03	4.28E-03	6.13E-03	7.77E-03	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Formaldehyde	3.66E-01	4.16E-01	4.53E-01	4.92E-01	5.41E-01	6.07E-01	7.57E-01	8.32E-01	2.44E-04	1.01E-02	2.33E-01	4.74E-02	2.50E-01	0.00E+00
Rhode Island	Washington County	44009	U	Hexachlorobenzene	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.37E-05	9.39E-05	9.42E-05	9.54E-05	0.00E+00	7.28E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Rhode Island	Washington County	44009	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	7.44E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Rhode Island	Washington County	44009	U	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Hydrazine	3.37E-08	4.49E-08	6.27E-08	1.54E-07	2.62E-07	3.09E-07	7.07E-07	8.29E-07	0.00E+00	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Lead Compounds	4.74E-04	5.15E-04	5.30E-04	8.29E-04	8.45E-04	9.98E-04	1.24E-03	1.38E-03	5.68E-05	3.78E-04	0.00E+00	4.11E-04	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Manganese Compounds	3.42E-05	3.56E-05	4.56E-05	6.10E-05	7.75E-05	8.22E-05	1.35E-04	1.51E-04	7.17E-06	6.18E-05	7.74E-06	8.41E-07	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.58E-03	1.60E-03	1.64E-03	4.78E-06	2.74E-05	3.25E-05	3.93E-06	1.50E-03	0.00E+00
Rhode Island	Washington County	44009	U	Methylene Chloride	1.76E-01	1.84E-01	1.89E-01	2.07E-01	2.19E-01	2.51E-01	2.76E-01	2.84E-01	7.07E-04	6.85E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Rhode Island	Washington County	44009	U	Nickel Compounds	1.33E-04	1.41E-04	1.64E-04	2.02E-04	2.27E-04	2.75E-04	3.58E-04	3.74E-04	3.51E-05	1.69E-04	1.82E-05	5.21E-06	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Perchloroethylene	1.52E-01	1.52E-01	1.59E-01	1.74E-01	1.78E-01	1.89E-01	2.08E-01	2.42E-01	1.82E-04	3.76E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Rhode Island	Washington County	44009	U	Polychlorinated Biphenyls	4.04E-04	4.16E-04	4.26E-04	4.49E-04	4.70E-04	4.88E-04	5.26E-04	6.70E-04	0.00E+00	9.01E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Rhode Island	Washington County	44009	U	Polycyclic Organic Matter	1.93E-02	2.18E-02	2.64E-02	3.75E-02	4.07E-02	4.59E-02	6.70E-02	8.41E-02	1.02E-06	3.17E-02	7.58E-03	1.47E-03	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	7-PAH	6.16E-04	6.48E-04	6.94E-04	8.86E-04	1.02E-03	1.15E-03	1.32E-03	2.58E-03	1.63E-09	9.46E-04	5.30E-05	2.44E-05	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Propylene Dichloride	3.24E-06	3.74E-06	4.74E-06	1.43E-05	1.47E-05	2.33E-05	2.89E-05	3.15E-05	6.24E-06	8.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Quinoline	3.36E-08	3.75E-08	5.33E-08	8.24E-08	1.05E-07	1.28E-07	2.52E-07	2.56E-07	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	1,1,2,2-Tetrachloroethane	2.25E-05	2.87E-05	3.59E-05	1.22E-04	1.31E-04	2.04E-04	2.98E-04	3.04E-04	5.72E-05	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rhode Island	Washington County	44009	U	Trichloroethylene	8.37E-02	8.38E-02	8.44E-02	8.61E-02	8.88E-02	9.36E-02	9.69E-02	9.94E-02	1.39E-03	6.40E-03	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Rhode Island	Washington County	44009	U	Vinyl Chloride	6.97E-05	8.94E-05	1.07E-04	3.49E-04	3.29E-04	5.28E-04	6.28E-04	6.60E-04	1.41E-04	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00