

US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for Virgin Islands

EPA strongly cautions that these modeling results should not be used to draw conclusions about local concentrations or risk. The results are most meaningful when viewed at the state or national level; for smaller areas, the modeling becomes less certain. In addition, these results represent conditions in 1996 rather than current conditions.

- The modeled estimates presented here are not a direct indicator of risk because they do not factor in the extent to which people are exposed to these pollutants or the widely varying toxic potential of different substances. EPA uses these ambient concentration estimates in combination with exposure modeling and health effects information to estimate risk.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, 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.
- Methods of estimating emissions, as well as simplified modeling assumptions, may introduce significant uncertainties into each component of the assessment.
[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.
- Note that based on the persistence and bioaccumulation potential of lead, mercury, PCBs (polychlorinated biphenyls), hexachlorobenzene, 7-PAH (polycyclic aromatic hydrocarbons), POM (polycyclic organic matter) and cadmium, ingestion rather than inhalation may contribute substantially to exposures of concern, and this assessment does not address pollutant levels that may be ingested from food, water, or soil.

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m ³) for Virgin Islands																	
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
Virgin Islands	Statewide	N/A	N/A	Acetaldehyde	3.86E-02	6.02E-02	1.06E-01	1.54E-01	1.51E-01	1.86E-01	2.23E-01	2.62E-01	0.00E+00	1.01E-02	8.16E-02	5.96E-02	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Acrolein	5.31E-03	8.19E-03	1.43E-02	2.53E-02	2.30E-02	3.09E-02	3.52E-02	3.72E-02	1.18E-03	3.36E-03	8.91E-03	9.58E-03	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Acrylonitrile	6.92E-06	1.55E-05	2.19E-05	2.77E-05	3.43E-05	3.28E-05	4.64E-05	6.33E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Arsenic Compounds	2.65E-06	3.79E-06	5.16E-06	1.13E-05	1.70E-05	2.52E-05	4.70E-05	4.74E-05	0.00E+00	6.32E-06	2.00E-07	1.05E-05	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Benzene	5.52E-01	6.21E-01	6.81E-01	7.56E-01	8.08E-01	8.83E-01	1.09E+00	1.22E+00	7.01E-03	1.26E-02	1.52E-01	1.56E-01	4.80E-01
Virgin Islands	Statewide	N/A	N/A	Beryllium Compounds	2.93E-07	4.29E-07	6.04E-07	1.29E-06	1.98E-06	2.96E-06	5.51E-06	5.70E-06	0.00E+00	1.88E-06	0.00E+00	1.01E-07	0.00E+00
Virgin Islands	Statewide	N/A	N/A	1,3-Butadiene	6.28E-03	1.24E-02	1.78E-02	2.50E-02	3.13E-02	4.15E-02	6.43E-02	7.89E-02	7.26E-04	8.96E-06	1.62E-02	1.43E-02	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Cadmium Compounds	6.17E-07	9.08E-07	1.27E-06	2.73E-06	4.17E-06	6.20E-06	1.16E-05	1.18E-05	0.00E+00	2.76E-06	0.00E+00	1.41E-06	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.87E-01	8.90E-01	1.98E-03	1.03E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Virgin Islands	Statewide	N/A	N/A	Chloroform	8.32E-02	8.33E-02	8.35E-02	8.37E-02	8.38E-02	8.40E-02	8.41E-02	8.42E-02	0.00E+00	7.98E-04	0.00E+00	0.00E+00	8.30E-02
Virgin Islands	Statewide	N/A	N/A	Chromium Compounds	6.22E-05	6.39E-05	1.07E-04	1.77E-04	2.43E-04	3.44E-04	6.00E-04	6.35E-04	0.00E+00	1.54E-04	1.32E-05	7.58E-05	0.00E+00
Virgin Islands	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
Virgin Islands	Statewide	N/A	N/A	1,3-Dichloropropene	5.89E-03	8.14E-03	1.25E-02	2.56E-02	3.98E-02	6.17E-02	1.09E-01	1.18E-01	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Diesel Particulate Matter	1.72E-01	2.60E-01	3.09E-01	3.86E-01	4.11E-01	4.15E-01	5.30E-01	5.77E-01	0.00E+00	0.00E+00	1.52E-01	2.58E-01	***
Virgin Islands	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	0.00E+00	4.48E-08	0.00E+00	0.00E+00	7.70E-03
Virgin Islands	Statewide	N/A	N/A	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	0.00E+00	5.58E-06	0.00E+00	0.00E+00	6.10E-02
Virgin Islands	Statewide	N/A	N/A	Ethylene Oxide	1.33E-04	1.66E-04	2.99E-04	4.86E-04	7.14E-04	1.05E-03	1.88E-03	1.94E-03	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Formaldehyde	2.88E-01	3.21E-01	4.03E-01	4.66E-01	4.85E-01	5.22E-01	6.73E-01	7.81E-01	1.55E-04	6.81E-02	6.98E-02	9.74E-02	2.50E-01
Virgin Islands	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	7.74E-10	0.00E+00	0.00E+00	9.30E-05
Virgin Islands	Statewide	N/A	N/A	Hydrazine	2.65E-09	3.50E-09	5.42E-09	1.13E-08	2.00E-08	3.18E-08	5.95E-08	6.10E-08	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Lead Compounds	2.23E-05	2.38E-05	3.13E-05	6.15E-05	9.86E-05	1.54E-04	2.62E-04	2.76E-04	0.00E+00	7.41E-05	1.88E-05	5.79E-06	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Manganese Compounds	2.26E-05	2.78E-05	3.86E-05	6.24E-05	8.44E-05	1.27E-04	1.73E-04	1.94E-04	0.00E+00	1.13E-05	5.54E-06	6.75E-05	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	9.91E-06	1.74E-07	6.38E-06	1.50E-03
Virgin Islands	Statewide	N/A	N/A	Methylene Chloride	1.62E-01	1.66E-01	1.74E-01	1.99E-01	2.27E-01	2.69E-01	3.57E-01	3.75E-01	0.00E+00	7.66E-02	0.00E+00	0.00E+00	1.50E-01
Virgin Islands	Statewide	N/A	N/A	Nickel Compounds	1.07E-04	1.36E-04	2.09E-04	4.00E-04	6.09E-04	9.07E-04	1.64E-03	1.66E-03	1.08E-05	1.73E-04	1.03E-05	4.16E-04	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Perchloroethylene	1.49E-01	1.50E-01	1.56E-01	1.82E-01	1.94E-01	2.21E-01	2.75E-01	2.88E-01	3.49E-03	5.02E-02	0.00E+00	0.00E+00	1.40E-01
Virgin Islands	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	1.79E-14	0.00E+00	0.00E+00	3.80E-04
Virgin Islands	Statewide	N/A	N/A	Polycyclic Organic Matter	2.53E-03	2.57E-03	3.77E-03	1.02E-02	1.34E-02	1.99E-02	3.28E-02	3.55E-02	1.16E-03	1.21E-02	9.26E-05	6.92E-05	0.00E+00
Virgin Islands	Statewide	N/A	N/A	7-PAH	1.64E-05	3.31E-05	4.57E-05	5.89E-05	6.77E-05	8.09E-05	1.21E-04	1.47E-04	0.00E+00	8.95E-08	4.11E-05	2.65E-05	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Propylene Dichloride	3.09E-07	6.12E-07	9.19E-07	1.24E-06	1.48E-06	1.85E-06	2.11E-06	2.18E-06	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Quinoline	8.58E-09	1.26E-08	1.70E-08	3.81E-08	5.62E-08	8.34E-08	1.52E-07	1.56E-07	0.00E+00	5.62E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	3.19E-08	7.82E-08	9.63E-08	1.31E-07	1.60E-07	1.47E-07	2.14E-07	2.91E-07	0.00E+00	1.60E-07	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	Statewide	N/A	N/A	Trichloroethylene	8.32E-02	8.40E-02	8.56E-02	9.04E-02	9.56E-02	1.04E-01	1.21E-01	1.24E-01	0.00E+00	1.46E-02	0.00E+00	0.00E+00	8.10E-02
Virgin Islands	Statewide	N/A	N/A	Vinyl Chloride	5.83E-07	7.26E-07	1.04E-06	1.84E-06	2.22E-06	3.21E-06	4.75E-06	4.99E-06	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Acetaldehyde	5.56E-02	6.02E-02	8.84E-02	1.34E-01	1.35E-01	1.65E-01	1.86E-01	3.15E-01	0.00E+00	3.78E-03	6.98E-02	6.16E-02	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Acrolein	7.75E-03	8.19E-03	1.17E-02	2.70E-02	2.41E-02	3.27E-02	3.72E-02	4.54E-02	0.00E+00	4.21E-03	9.16E-03	1.07E-02	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Acrylonitrile	1.51E-05	1.55E-05	1.70E-05	2.60E-05	3.82E-05	3.01E-05	3.29E-05	2.40E-04	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Arsenic Compounds	3.65E-06	3.79E-06	4.28E-06	1.58E-05	2.13E-05	4.03E-05	4.74E-05	5.07E-05	0.00E+00	7.94E-06	2.31E-07	1.32E-05	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Benzene	6.10E-01	6.21E-01	6.58E-01	8.20E-01	8.64E-01	1.09E+00	1.22E+00	1.22E+00	0.00E+00	1.29E-02	1.78E-01	1.93E-01	4.80E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m ³) for Virgin Islands																	
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
Virgin Islands	All Urban Counties	N/A	U	Beryllium Compounds	4.06E-07	4.29E-07	4.89E-07	1.83E-06	2.49E-06	4.70E-06	5.53E-06	5.96E-06	0.00E+00	2.36E-06	0.00E+00	1.28E-07	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	1,3-Butadiene	1.16E-02	1.24E-02	1.54E-02	3.60E-02	4.00E-02	6.43E-02	7.89E-02	7.95E-02	0.00E+00	1.19E-05	2.02E-02	1.97E-02	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Cadmium Compounds	8.58E-07	9.08E-07	1.03E-06	3.85E-06	5.24E-06	9.91E-06	1.17E-05	1.25E-05	0.00E+00	3.45E-06	0.00E+00	1.79E-06	0.00E+00
Virgin Islands	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	8.80E-01	8.81E-01	0.00E+00	1.14E-04	0.00E+00	0.00E+00	8.80E-01
Virgin Islands	All Urban Counties	N/A	U	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.37E-02	8.39E-02	8.40E-02	8.41E-02	8.72E-02	0.00E+00	9.11E-04	0.00E+00	0.00E+00	8.30E-02
Virgin Islands	All Urban Counties	N/A	U	Chromium Compounds	6.24E-05	6.39E-05	7.19E-05	2.25E-04	3.02E-04	5.40E-04	6.35E-04	6.66E-04	0.00E+00	1.94E-04	1.56E-05	9.23E-05	0.00E+00
Virgin Islands	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
Virgin Islands	All Urban Counties	N/A	U	1,3-Dichloropropene	7.79E-03	8.14E-03	9.43E-03	3.52E-02	4.88E-02	9.21E-02	1.09E-01	1.18E-01	0.00E+00	4.88E-02	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Diesel Particulate Matter	2.55E-01	2.60E-01	2.83E-01	3.93E-01	4.61E-01	4.62E-01	5.35E-01	1.64E+00	0.00E+00	0.00E+00	1.75E-01	2.86E-01	***
Virgin Islands	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	0.00E+00	5.61E-08	0.00E+00	0.00E+00	7.70E-03
Virgin Islands	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.10E-02
Virgin Islands	All Urban Counties	N/A	U	Ethylene Oxide	1.60E-04	1.66E-04	1.99E-04	6.66E-04	8.91E-04	1.66E-03	1.94E-03	2.07E-03	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Formaldehyde	3.20E-01	3.21E-01	3.43E-01	4.51E-01	4.48E-01	4.90E-01	5.32E-01	7.81E-01	0.00E+00	6.43E-03	7.90E-02	1.12E-01	2.50E-01
Virgin Islands	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	9.12E-10	0.00E+00	0.00E+00	9.30E-05
Virgin Islands	All Urban Counties	N/A	U	Hydrazine	3.35E-09	3.50E-09	4.67E-09	1.81E-08	2.66E-08	5.09E-08	6.10E-08	6.59E-08	0.00E+00	2.66E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Lead Compounds	2.24E-05	2.38E-05	2.62E-05	8.53E-05	1.18E-04	2.17E-04	2.62E-04	2.76E-04	0.00E+00	8.83E-05	2.22E-05	7.26E-06	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Manganese Compounds	2.60E-05	2.78E-05	2.92E-05	1.02E-04	1.03E-04	1.65E-04	1.94E-04	1.98E-04	0.00E+00	1.42E-05	6.55E-06	8.20E-05	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	0.00E+00	1.23E-05	2.04E-07	7.09E-06	1.50E-03
Virgin Islands	All Urban Counties	N/A	U	Methylene Chloride	1.65E-01	1.66E-01	1.70E-01	2.17E-01	2.44E-01	3.26E-01	3.58E-01	3.75E-01	0.00E+00	9.36E-02	0.00E+00	0.00E+00	1.50E-01
Virgin Islands	All Urban Counties	N/A	U	Nickel Compounds	1.31E-04	1.36E-04	1.66E-04	5.57E-04	7.53E-04	1.41E-03	1.66E-03	1.77E-03	0.00E+00	2.16E-04	1.21E-05	5.25E-04	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Perchloroethylene	1.49E-01	1.50E-01	1.52E-01	1.83E-01	2.01E-01	2.54E-01	2.76E-01	2.88E-01	0.00E+00	6.05E-02	0.00E+00	0.00E+00	1.40E-01
Virgin Islands	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	3.94E-14	0.00E+00	0.00E+00	3.80E-04
Virgin Islands	All Urban Counties	N/A	U	Polycyclic Organic Matter	2.53E-03	2.57E-03	3.20E-03	1.09E-02	1.49E-02	2.78E-02	3.28E-02	3.55E-02	0.00E+00	1.47E-02	1.08E-04	8.29E-05	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	7-PAH	2.96E-05	3.31E-05	4.26E-05	7.26E-05	7.82E-05	1.21E-04	1.47E-04	1.48E-04	0.00E+00	1.40E-07	4.82E-05	2.99E-05	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Propylene Dichloride	5.81E-07	6.12E-07	6.64E-07	1.24E-06	1.71E-06	1.96E-06	2.18E-06	7.47E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Quinoline	1.18E-08	1.26E-08	1.42E-08	5.25E-08	7.04E-08	1.33E-07	1.56E-07	1.67E-07	0.00E+00	7.04E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	7.68E-08	7.82E-08	8.88E-08	1.31E-07	1.86E-07	1.46E-07	1.66E-07	1.14E-06	0.00E+00	1.86E-07	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Urban Counties	N/A	U	Trichloroethylene	8.39E-02	8.40E-02	8.45E-02	9.39E-02	9.89E-02	1.15E-01	1.21E-01	1.24E-01	0.00E+00	1.79E-02	0.00E+00	0.00E+00	8.10E-02
Virgin Islands	All Urban Counties	N/A	U	Vinyl Chloride	6.87E-07	7.26E-07	8.06E-07	2.63E-06	2.71E-06	4.75E-06	4.99E-06	5.12E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Acetaldehyde	2.25E-02	3.86E-02	1.20E-01	1.79E-01	1.65E-01	2.09E-01	2.29E-01	2.62E-01	0.00E+00	1.53E-02	9.14E-02	5.79E-02	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Acrolein	2.73E-03	5.31E-03	1.44E-02	2.22E-02	2.21E-02	2.99E-02	3.49E-02	3.66E-02	2.17E-03	2.66E-03	8.71E-03	8.60E-03	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Acrylonitrile	5.86E-06	6.92E-06	2.36E-05	2.95E-05	3.11E-05	3.81E-05	4.75E-05	6.33E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Arsenic Compounds	7.61E-07	2.65E-06	7.22E-06	1.09E-05	1.34E-05	1.65E-05	2.76E-05	4.71E-05	0.00E+00	4.98E-06	1.73E-07	8.26E-06	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Benzene	5.24E-01	5.52E-01	7.22E-01	7.55E-01	7.61E-01	8.31E-01	9.35E-01	9.53E-01	1.29E-02	1.24E-02	1.30E-01	1.26E-01	4.80E-01
Virgin Islands	All Rural Counties	N/A	R	Beryllium Compounds	8.53E-08	2.93E-07	8.07E-07	1.23E-06	1.56E-06	1.89E-06	3.27E-06	5.70E-06	0.00E+00	1.48E-06	0.00E+00	7.81E-08	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	1,3-Butadiene	3.86E-03	6.28E-03	2.03E-02	2.31E-02	2.40E-02	2.96E-02	4.15E-02	4.26E-02	1.33E-03	6.50E-06	1.29E-02	9.81E-03	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Cadmium Compounds	1.80E-07	6.17E-07	1.71E-06	2.61E-06	3.27E-06	4.00E-06	6.83E-06	1.18E-05	0.00E+00	2.18E-06	0.00E+00	1.09E-06	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.84E-01	8.86E-01	8.90E-01	9.00E-01	3.64E-03	9.38E-05	0.00E+00	0.00E+00	8.80E-01
Virgin Islands	All Rural Counties	N/A	R	Chloroform	8.31E-02	8.32E-02	8.36E-02	8.37E-02	8.37E-02	8.33E-02	8.41E-02	8.42E-02	0.00E+00	7.05E-04	0.00E+00	0.00E+00	8.30E-02
Virgin Islands	All Rural Counties	N/A	R	Chromium Compounds	1.48E-05	6.22E-05	1.20E-04	1.63E-04	1.94E-04	2.33E-04	3.85E-04	6.00E-04	0.00E+00	1.21E-04	1.13E-05	6.21E-05	0.00E+00
Virgin Islands	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
Virgin Islands	All Rural Counties	N/A	R	1,3-Dichloropropene	1.68E-03	5.89E-03	1.58E-02	2.45E-02	3.23E-02	3.79E-02	6.93E-02	1.26E-01	0.00E+00	3.23E-02	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Diesel Particulate Matter	1.53E-01	1.72E-01	3.09E-01	3.83E-01	3.69E-01	4.06E-01	5.30E-01	5.77E-01	0.00E+00	0.00E+00	1.34E-01	2.35E-01	***
Virgin Islands	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	0.00E+00	3.55E-08	0.00E+00	0.00E+00	7.70E-03
Virgin Islands	All Rural Counties	N/A	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	0.00E+00	4.49E-06	0.00E+00	0.00E+00	6.10E-02
Virgin Islands	All Rural Counties	N/A	R	Ethylene Oxide	3.51E-05	1.33E-04	3.16E-04	4.73E-04	5.67E-04	6.97E-04	1.13E-03	1.88E-03	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Formaldehyde	2.76E-01	2.88E-01	4.51E-01	4.76E-01	5.17E-01	5.53E-01	7.53E-01	9.54E-01	2.85E-04	1.19E-01	6.22E-02	8.49E-02	2.50E-01
Virgin Islands	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	6.59E-10	0.00E+00	0.00E+00	9.30E-05
Virgin Islands	All Rural Counties	N/A	R	Hydrazine	7.29E-10	2.65E-09	6.10E-09	1.02E-08	1.45E-08	1.75E-08	3.38E-08	5.95E-08	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Lead Compounds	5.26E-06	2.23E-05	4.09E-05	5.84E-05	8.27E-05	8.89E-05	1.84E-04	3.37E-04	0.00E+00	6.22E-05	1.59E-05	4.56E-06	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Manganese Compounds	7.67E-06	2.26E-05	5.17E-05	6.04E-05	6.92E-05	7.74E-05	1.30E-04	1.73E-04	0.00E+00	8.96E-06	4.69E-06	5.55E-05	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	7.90E-06	1.50E-07	5.79E-06	1.50E-03
Virgin Islands	All Rural Counties	N/A	R	Methylene Chloride	1.53E-01	1.62E-01	1.81E-01	1.97E-01	2.12E-01	2.23E-01	2.84E-01	3.94E-01	0.00E+00	6.24E-02	0.00E+00	0.00E+00	1.50E-01
Virgin Islands	All Rural Counties	N/A	R	Nickel Compounds	2.82E-05	1.07E-04	2.69E-04	3.88E-04	4.89E-04	5.78E-04	9.76E-04	1.64E-03	1.98E-05	1.36E-04	8.78E-06	3.24E-04	0.00E+00
Virgin Islands	All Rural Counties	N/A	R	Perchloroethylene	1.42E-01	1.49E-01	1.63E-01	1.77E-01	1.88E-01	1.93E-01	2.34E-01	3.17E-01	6.39E-03	4.16E-02	0.00E+00	0.00E+00	1.40E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m ³) for Virgin Islands																		
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	
Virgin Islands	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
Virgin Islands	All Rural Counties	N/A	R	Polycyclic Organic Matter	5.53E-04	2.54E-03	6.17E-03	9.49E-03	1.22E-02	1.65E-02	2.26E-02	3.92E-02	2.13E-03	9.97E-03	7.94E-05	5.79E-05	0.00E+00	
Virgin Islands	All Rural Counties	N/A	R	7-PAH	9.73E-06	1.64E-05	5.22E-05	5.85E-05	5.90E-05	7.46E-05	9.91E-05	9.91E-05	0.00E+00	4.70E-08	3.53E-05	2.37E-05	0.00E+00	
Virgin Islands	All Rural Counties	N/A	R	Propylene Dichloride	2.31E-07	3.09E-07	1.03E-06	1.25E-06	1.29E-06	1.64E-06	1.97E-06	2.13E-06	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	All Rural Counties	N/A	R	Quinoline	2.49E-09	8.58E-09	2.42E-08	3.67E-08	4.44E-08	5.53E-08	9.00E-08	1.52E-07	0.00E+00	4.44E-08	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	2.49E-08	3.19E-08	1.04E-07	1.28E-07	1.39E-07	1.65E-07	2.15E-07	2.91E-07	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	All Rural Counties	N/A	R	Trichloroethylene	8.16E-02	8.32E-02	8.68E-02	9.00E-02	9.29E-02	9.49E-02	1.07E-01	1.28E-01	0.00E+00	1.19E-02	0.00E+00	0.00E+00	8.10E-02	
Virgin Islands	All Rural Counties	N/A	R	Vinyl Chloride	1.95E-07	5.83E-07	1.18E-06	1.63E-06	1.81E-06	1.96E-06	3.21E-06	4.74E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	Acetaldehyde	1.06E-01	1.09E-01	1.49E-01	1.82E-01	1.81E-01	2.13E-01	2.29E-01	2.62E-01	0.00E+00	1.71E-02	1.01E-01	6.37E-02	0.00E+00	
Virgin Islands	St. Croix	78010	R	Acrolein	1.40E-02	1.43E-02	1.85E-02	2.47E-02	2.44E-02	3.04E-02	3.49E-02	3.66E-02	2.44E-03	2.92E-03	9.56E-03	9.48E-03	0.00E+00	
Virgin Islands	St. Croix	78010	R	Acrylonitrile	2.19E-05	2.23E-05	2.70E-05	3.12E-05	3.42E-05	4.06E-05	4.78E-05	6.33E-05	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	Arsenic Compounds	2.65E-06	6.84E-06	7.29E-06	1.19E-05	1.47E-05	1.72E-05	2.76E-05	4.71E-05	0.00E+00	5.46E-06	1.90E-07	9.06E-06	0.00E+00	
Virgin Islands	St. Croix	78010	R	Benzene	6.73E-01	6.75E-01	7.34E-01	7.75E-01	7.89E-01	8.37E-01	9.35E-01	9.53E-01	1.45E-02	1.37E-02	1.43E-01	1.38E-01	4.80E-01	
Virgin Islands	St. Croix	78010	R	Beryllium Compounds	2.93E-07	7.76E-07	8.16E-07	1.36E-06	1.71E-06	1.98E-06	3.27E-06	5.70E-06	0.00E+00	1.62E-06	0.00E+00	8.57E-08	0.00E+00	
Virgin Islands	St. Croix	78010	R	1,3-Butadiene	1.59E-02	1.64E-02	2.11E-02	2.41E-02	2.64E-02	3.03E-02	4.15E-02	4.26E-02	1.50E-03	7.12E-06	1.41E-02	1.08E-02	0.00E+00	
Virgin Islands	St. Croix	78010	R	Cadmium Compounds	6.17E-07	1.64E-06	1.73E-06	2.86E-06	3.59E-06	4.17E-06	6.83E-06	1.18E-05	0.00E+00	2.39E-06	0.00E+00	1.20E-06	0.00E+00	
Virgin Islands	St. Croix	78010	R	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.84E-01	8.86E-01	8.90E-01	9.00E-01	4.09E-03	1.03E-04	0.00E+00	0.00E+00	8.80E-01	
Virgin Islands	St. Croix	78010	R	Chloroform	8.35E-02	8.35E-02	8.36E-02	8.37E-02	8.38E-02	8.40E-02	8.41E-02	8.42E-02	0.00E+00	7.75E-04	0.00E+00	0.00E+00	8.30E-02	
Virgin Islands	St. Croix	78010	R	Chromium Compounds	6.22E-05	1.07E-04	1.26E-04	1.72E-04	2.13E-04	2.52E-04	3.85E-04	6.00E-04	0.00E+00	1.32E-04	1.24E-05	6.82E-05	0.00E+00	
Virgin Islands	St. Croix	78010	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	
Virgin Islands	St. Croix	78010	R	1,3-Dichloropropene	5.89E-03	1.54E-02	1.62E-02	2.72E-02	3.54E-02	3.99E-02	6.93E-02	1.26E-01	0.00E+00	3.54E-02	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	Diesel Particulate Matter	2.69E-01	3.05E-01	3.48E-01	3.86E-01	3.95E-01	4.06E-01	5.30E-01	5.77E-01	0.00E+00	0.00E+00	1.43E-01	2.52E-01	***	
Virgin Islands	St. Croix	78010	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	3.89E-08	0.00E+00	0.00E+00	7.70E-03	
Virgin Islands	St. Croix	78010	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	0.00E+00	4.93E-06	0.00E+00	0.00E+00	6.10E-02	
Virgin Islands	St. Croix	78010	R	Ethylene Oxide	1.33E-04	2.99E-04	3.36E-04	5.12E-04	6.23E-04	7.32E-04	1.13E-03	1.88E-03	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	Formaldehyde	4.03E-01	4.07E-01	4.58E-01	4.91E-01	5.46E-01	6.05E-01	7.53E-01	9.54E-01	3.21E-04	1.34E-01	6.82E-02	9.34E-02	2.50E-01	
Virgin Islands	St. Croix	78010	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	7.24E-10	0.00E+00	0.00E+00	9.30E-05	
Virgin Islands	St. Croix	78010	R	Hydrazine	2.65E-09	5.42E-09	6.94E-09	1.16E-08	1.59E-08	1.82E-08	3.38E-08	5.95E-08	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	Lead Compounds	2.23E-05	3.77E-05	4.32E-05	6.69E-05	9.08E-05	9.80E-05	1.84E-04	3.37E-04	0.00E+00	6.83E-05	1.75E-05	5.00E-06	0.00E+00	
Virgin Islands	St. Croix	78010	R	Manganese Compounds	3.72E-05	4.26E-05	5.37E-05	6.20E-05	7.59E-05	9.02E-05	1.30E-04	1.73E-04	0.00E+00	9.83E-06	5.14E-06	6.09E-05	0.00E+00	
Virgin Islands	St. Croix	78010	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	8.67E-06	1.64E-07	6.36E-06	1.50E-03	
Virgin Islands	St. Croix	78010	R	Methylene Chloride	1.62E-01	1.80E-01	1.82E-01	2.03E-01	2.19E-01	2.27E-01	2.84E-01	3.94E-01	0.00E+00	6.85E-02	0.00E+00	0.00E+00	1.50E-01	
Virgin Islands	St. Croix	78010	R	Nickel Compounds	1.07E-04	2.49E-04	3.01E-04	4.25E-04	5.37E-04	6.23E-04	9.76E-04	1.64E-03	2.23E-05	1.49E-04	9.63E-06	3.56E-04	0.00E+00	
Virgin Islands	St. Croix	78010	R	Perchloroethylene	1.49E-01	1.61E-01	1.66E-01	1.85E-01	1.93E-01	1.99E-01	2.34E-01	3.17E-01	7.19E-03	4.57E-02	0.00E+00	0.00E+00	1.40E-01	
Virgin Islands	St. Croix	78010	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
Virgin Islands	St. Croix	78010	R	Polycyclic Organic Matter	2.54E-03	5.76E-03	7.44E-03	1.13E-02	1.35E-02	1.68E-02	2.26E-02	3.92E-02	2.40E-03	1.10E-02	8.71E-05	6.37E-05	0.00E+00	
Virgin Islands	St. Croix	78010	R	7-PAH	4.14E-05	4.15E-05	5.54E-05	5.95E-05	6.48E-05	7.48E-05	9.91E-05	9.91E-05	0.00E+00	5.16E-08	3.87E-05	2.61E-05	0.00E+00	
Virgin Islands	St. Croix	78010	R	Propylene Dichloride	8.47E-07	1.01E-06	1.13E-06	1.27E-06	1.42E-06	1.75E-06	1.97E-06	2.13E-06	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	Quinoline	8.58E-09	2.31E-08	2.46E-08	3.98E-08	4.87E-08	5.75E-08	9.00E-08	1.52E-07	0.00E+00	4.87E-08	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	1,1,2,2-Tetrachloroethane	9.63E-08	9.86E-08	1.13E-07	1.37E-07	1.53E-07	1.80E-07	2.15E-07	2.91E-07	0.00E+00	1.53E-07	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. Croix	78010	R	Trichloroethylene	8.32E-02	8.66E-02	8.69E-02	9.10E-02	9.40E-02	9.56E-02	1.07E-01	1.28E-01	0.00E+00	1.30E-02	0.00E+00	0.00E+00	8.10E-02	
Virgin Islands	St. Croix	78010	R	Vinyl Chloride	1.04E-06	1.07E-06	1.38E-06	1.75E-06	1.99E-06	2.25E-06	3.21E-06	4.74E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. John	78020	R	Acetaldehyde	2.25E-02	2.25E-02	2.25E-02	3.06E-02	3.06E-02	3.86E-02	3.86E-02	3.86E-02	0.00E+00	8.91E-04	1.77E-02	1.19E-02	0.00E+00	
Virgin Islands	St. John	78020	R	Acrolein	2.73E-03	2.73E-03	2.73E-03	4.02E-03	4.02E-03	5.31E-03	5.31E-03	5.31E-03	0.00E+00	5.83E-04	1.83E-03	1.60E-03	0.00E+00	
Virgin Islands	St. John	78020	R	Acrylonitrile	5.86E-06	5.86E-06	5.86E-06	6.39E-06	6.39E-06	6.92E-06	6.92E-06	6.92E-06	0.00E+00	6.39E-06	0.00E+00	0.00E+00	0.00E+00	
Virgin Islands	St. John	78020	R	Arsenic Compounds	7.61E-07	7.61E-07	7.61E-07	2.96E-06	2.96E-06	5.16E-06	5.16E-06	5.16E-06	0.00E+00	1.10E-06	3.99E-08	1.82E-06	0.00E+00	
Virgin Islands	St. John	78020	R	Benzene	5.24E-01	5.24E-01	5.24E-01	5.38E-01	5.38E-01	5.52E-01	5.52E-01	5.52E-01	0.00E+00	1.87E-03	2.96E-02	2.66E-02	4.80E-01	
Virgin Islands	St. John	78020	R	Beryllium Compounds	8.53E-08	8.53E-08	8.53E-08	3.45E-07	3.45E-07	6.04E-07	6.04E-07	6.04E-07	0.00E+00	3.27E-07	0.00E+00	1.74E-08	0.00E+00	
Virgin Islands	St. John	78020	R	1,3-Butadiene	3.86E-03	3.86E-03	3.86E-03	5.07E-03	5.07E-03	6.28E-03	6.28E-03	6.28E-03	0.00E+00	1.49E-06	3.07E-03	2.00E-03	0.00E+00	
Virgin Islands	St. John	78020	R	Cadmium Compounds	1.80E-07	1.80E-07	1.80E-07	7.24E-07	7.24E-07	1.27E-06	1.27E-06	1.27E-06	0.00E+00	4.81E-07	0.00E+00	2.43E-07	0.00E+00	
Virgin Islands	St. John	78020	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	1.93E-05	0.00E+00	0.00E+00	8.80E-01	
Virgin Islands	St. John	78020	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.47E-04	0.00E+00	0.00E+00	8.30E-02	
Virgin Islands	St. John	78020	R	Chromium Compounds	1.48E-05	1.48E-05	1.48E-05	4.28E-05	4.28E-05	7.07E-05	7.07E-05	7.07E-05	0.00E+00	2.66E-05	2.57E-06	1.35E-05	0.00E+00	
Virgin Islands	St. John	78020	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	
Virgin Islands	St. John	78020	R	1,3-Dichloropropene	1.68E-03	1.68E-03	1.68E-03	7.07E-03	7.07E-03	1.25E-02	1.25E-02	1.25E-02	0.00E+00	7.07E-03	0.00E+00	0.00E+00	0.00E+00	

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m ³) for Virgin Islands																	
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
Virgin Islands	St. John	78020	R	Diesel Particulate Matter	1.53E-01	1.53E-01	1.53E-01	1.63E-01	1.63E-01	1.72E-01	1.72E-01	1.72E-01	0.00E+00	0.00E+00	5.96E-02	1.03E-01	***
Virgin Islands	St. John	78020	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	7.78E-09	0.00E+00	0.00E+00	7.70E-03
Virgin Islands	St. John	78020	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	0.00E+00	9.84E-07	0.00E+00	0.00E+00	6.10E-02
Virgin Islands	St. John	78020	R	Ethylene Oxide	3.51E-05	3.51E-05	3.51E-05	1.24E-04	1.24E-04	2.13E-04	2.13E-04	2.13E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. John	78020	R	Formaldehyde	2.76E-01	2.76E-01	2.76E-01	2.82E-01	2.82E-01	2.88E-01	2.88E-01	2.88E-01	0.00E+00	6.23E-04	1.41E-02	1.72E-02	2.50E-01
Virgin Islands	St. John	78020	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.43E-10	0.00E+00	0.00E+00	9.30E-05
Virgin Islands	St. John	78020	R	Hydrazine	7.29E-10	7.29E-10	7.29E-10	3.42E-09	3.42E-09	6.10E-09	6.10E-09	6.10E-09	0.00E+00	3.42E-09	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. John	78020	R	Lead Compounds	5.26E-06	5.26E-06	5.26E-06	1.83E-05	1.83E-05	3.13E-05	3.13E-05	3.13E-05	0.00E+00	1.37E-05	3.64E-06	1.00E-06	0.00E+00
Virgin Islands	St. John	78020	R	Manganese Compounds	7.67E-06	7.67E-06	7.67E-06	1.51E-05	1.51E-05	2.26E-05	2.26E-05	2.26E-05	0.00E+00	1.98E-06	1.08E-06	1.21E-05	0.00E+00
Virgin Islands	St. John	78020	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.73E-06	3.42E-08	1.23E-06	1.50E-03
Virgin Islands	St. John	78020	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.64E-01	1.64E-01	1.74E-01	1.74E-01	1.74E-01	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.50E-01
Virgin Islands	St. John	78020	R	Nickel Compounds	2.82E-05	2.82E-05	2.82E-05	1.04E-04	1.04E-04	1.80E-04	1.80E-04	1.80E-04	0.00E+00	3.01E-05	2.01E-06	7.19E-05	0.00E+00
Virgin Islands	St. John	78020	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.49E-01	1.49E-01	1.56E-01	1.56E-01	1.56E-01	0.00E+00	9.10E-03	0.00E+00	0.00E+00	1.40E-01
Virgin Islands	St. John	78020	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Virgin Islands	St. John	78020	R	Polycyclic Organic Matter	5.53E-04	5.53E-04	5.53E-04	2.16E-03	2.16E-03	3.77E-03	3.77E-03	3.77E-03	0.00E+00	2.13E-03	1.81E-05	1.08E-05	0.00E+00
Virgin Islands	St. John	78020	R	7-PAH	9.73E-06	9.73E-06	9.73E-06	1.30E-05	1.30E-05	1.64E-05	1.64E-05	1.64E-05	0.00E+00	1.03E-08	8.02E-06	5.01E-06	0.00E+00
Virgin Islands	St. John	78020	R	Propylene Dichloride	2.31E-07	2.31E-07	2.31E-07	2.70E-07	2.70E-07	3.09E-07	3.09E-07	3.09E-07	0.00E+00	2.70E-07	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. John	78020	R	Quinoline	2.49E-09	2.49E-09	2.49E-09	9.74E-09	9.74E-09	1.70E-08	1.70E-08	1.70E-08	0.00E+00	9.74E-09	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. John	78020	R	1,1,2,2-Tetrachloroethane	2.49E-08	2.49E-08	2.49E-08	2.84E-08	2.84E-08	3.19E-08	3.19E-08	3.19E-08	0.00E+00	2.84E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. John	78020	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.36E-02	8.36E-02	8.56E-02	8.56E-02	8.56E-02	0.00E+00	2.60E-03	0.00E+00	0.00E+00	8.10E-02
Virgin Islands	St. John	78020	R	Vinyl Chloride	1.95E-07	1.95E-07	1.95E-07	3.89E-07	3.89E-07	5.83E-07	5.83E-07	5.83E-07	0.00E+00	3.89E-07	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	Acetaldehyde	5.56E-02	6.02E-02	8.84E-02	1.34E-01	1.35E-01	1.65E-01	1.86E-01	3.15E-01	0.00E+00	3.78E-03	6.98E-02	6.16E-02	0.00E+00
Virgin Islands	St. Thomas	78030	U	Acrolein	7.75E-03	8.19E-03	1.17E-02	2.70E-02	2.41E-02	3.27E-02	3.72E-02	4.54E-02	0.00E+00	4.21E-03	9.16E-03	1.07E-02	0.00E+00
Virgin Islands	St. Thomas	78030	U	Acrylonitrile	1.51E-05	1.55E-05	1.70E-05	2.60E-05	3.82E-05	3.01E-05	3.29E-05	2.40E-04	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	Arsenic Compounds	3.65E-06	3.79E-06	4.28E-06	1.58E-05	2.13E-05	4.03E-05	4.74E-05	5.07E-05	0.00E+00	7.94E-06	2.31E-07	1.32E-05	0.00E+00
Virgin Islands	St. Thomas	78030	U	Benzene	6.10E-01	6.21E-01	6.58E-01	8.20E-01	8.64E-01	1.09E+00	1.22E+00	1.22E+00	0.00E+00	1.29E-02	1.78E-01	1.93E-01	4.80E-01
Virgin Islands	St. Thomas	78030	U	Beryllium Compounds	4.06E-07	4.29E-07	4.89E-07	1.83E-06	2.49E-06	4.70E-06	5.53E-06	5.96E-06	0.00E+00	2.36E-06	0.00E+00	1.28E-07	0.00E+00
Virgin Islands	St. Thomas	78030	U	1,3-Butadiene	1.16E-02	1.24E-02	1.54E-02	3.60E-02	4.00E-02	6.43E-02	7.89E-02	7.95E-02	0.00E+00	1.19E-05	2.02E-02	1.97E-02	0.00E+00
Virgin Islands	St. Thomas	78030	U	Cadmium Compounds	8.58E-07	9.08E-07	1.03E-06	3.85E-06	5.24E-06	9.91E-06	1.17E-05	1.25E-05	0.00E+00	3.45E-06	0.00E+00	1.79E-06	0.00E+00
Virgin Islands	St. Thomas	78030	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	0.00E+00	1.14E-04	0.00E+00	0.00E+00	8.80E-01
Virgin Islands	St. Thomas	78030	U	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.37E-02	8.39E-02	8.40E-02	8.41E-02	8.72E-02	0.00E+00	9.11E-04	0.00E+00	0.00E+00	8.30E-02
Virgin Islands	St. Thomas	78030	U	Chromium Compounds	6.24E-05	6.39E-05	7.19E-05	2.25E-04	3.02E-04	5.40E-04	6.35E-04	6.66E-04	0.00E+00	1.94E-04	1.56E-05	9.23E-05	0.00E+00
Virgin Islands	St. Thomas	78030	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
Virgin Islands	St. Thomas	78030	U	1,3-Dichloropropene	7.79E-03	8.14E-03	9.43E-03	3.52E-02	4.88E-02	9.21E-02	1.09E-01	1.18E-01	0.00E+00	4.88E-02	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	Diesel Particulate Matter	2.55E-01	2.60E-01	2.83E-01	3.93E-01	4.61E-01	4.62E-01	5.35E-01	1.64E+00	0.00E+00	0.00E+00	1.75E-01	2.86E-01	***
Virgin Islands	St. Thomas	78030	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	5.61E-08	0.00E+00	0.00E+00	7.70E-03
Virgin Islands	St. Thomas	78030	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.10E-02
Virgin Islands	St. Thomas	78030	U	Ethylene Oxide	1.60E-04	1.66E-04	1.99E-04	6.66E-04	8.91E-04	1.66E-03	1.94E-03	2.07E-03	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	Formaldehyde	3.20E-01	3.21E-01	3.43E-01	4.51E-01	4.48E-01	4.90E-01	5.32E-01	7.81E-01	0.00E+00	6.43E-03	7.90E-02	1.12E-01	2.50E-01
Virgin Islands	St. Thomas	78030	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	9.12E-10	0.00E+00	0.00E+00	9.30E-05
Virgin Islands	St. Thomas	78030	U	Hydrazine	3.35E-09	3.50E-09	4.67E-09	1.81E-08	2.66E-08	5.09E-08	6.10E-08	6.59E-08	0.00E+00	2.66E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	Lead Compounds	2.24E-05	2.38E-05	2.62E-05	8.53E-05	1.18E-04	2.17E-04	2.62E-04	2.76E-04	0.00E+00	8.83E-05	2.22E-05	7.26E-06	0.00E+00
Virgin Islands	St. Thomas	78030	U	Manganese Compounds	2.60E-05	2.78E-05	2.92E-05	1.02E-04	1.03E-04	1.65E-04	1.94E-04	1.98E-04	0.00E+00	1.42E-05	6.55E-06	8.20E-05	0.00E+00
Virgin Islands	St. Thomas	78030	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	0.00E+00	1.23E-05	2.04E-07	7.09E-06	1.50E-03
Virgin Islands	St. Thomas	78030	U	Methylene Chloride	1.65E-01	1.66E-01	1.70E-01	2.17E-01	2.44E-01	3.26E-01	3.58E-01	3.75E-01	0.00E+00	9.36E-02	0.00E+00	0.00E+00	1.50E-01
Virgin Islands	St. Thomas	78030	U	Nickel Compounds	1.31E-04	1.36E-04	1.66E-04	5.57E-04	7.53E-04	1.41E-03	1.66E-03	1.77E-03	0.00E+00	2.16E-04	1.21E-05	5.25E-04	0.00E+00
Virgin Islands	St. Thomas	78030	U	Perchloroethylene	1.49E-01	1.50E-01	1.52E-01	1.83E-01	2.01E-01	2.54E-01	2.76E-01	2.88E-01	0.00E+00	6.05E-02	0.00E+00	0.00E+00	1.40E-01
Virgin Islands	St. Thomas	78030	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	3.94E-14	0.00E+00	0.00E+00	3.80E-04
Virgin Islands	St. Thomas	78030	U	Polycyclic Organic Matter	2.53E-03	2.57E-03	3.20E-03	1.09E-02	1.49E-02	2.78E-02	3.28E-02	3.55E-02	0.00E+00	1.47E-02	1.08E-04	8.29E-05	0.00E+00
Virgin Islands	St. Thomas	78030	U	7-PAH	2.96E-05	3.31E-05	4.26E-05	7.26E-05	7.82E-05	1.21E-04	1.47E-04	1.48E-04	0.00E+00	1.40E-07	4.82E-05	2.99E-05	0.00E+00
Virgin Islands	St. Thomas	78030	U	Propylene Dichloride	5.81E-07	6.12E-07	6.64E-07	1.24E-06	1.71E-06	1.96E-06	2.18E-06	7.47E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	Quinoline	1.18E-08	1.26E-08	1.42E-08	5.25E-08	7.04E-08	1.33E-07	1.56E-07	1.67E-07	0.00E+00	7.04E-08	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	1,1,2,2-Tetrachloroethane	7.68E-08	7.82E-08	8.88E-08	1.31E-07	1.86E-07	1.46E-07	1.66E-07	1.14E-06	0.00E+00	1.86E-07	0.00E+00	0.00E+00	0.00E+00
Virgin Islands	St. Thomas	78030	U	Trichloroethylene	8.39E-02	8.40E-02	8.59E-02	9.39E-02	9.89E-02	1.15E-01	1.21E-01	1.24E-01	0.00E+00	1.79E-02	0.00E+00	0.00E+00	8.10E-02
Virgin Islands	St. Thomas	78030	U	Vinyl Chloride	6.87E-07	7.26E-07	8.06E-07	2.63E-06	2.71E-06	4.75E-06	4.99E-06	5.12E-					

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m ³) for Virgin Islands																	
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
National	Nationwide	N/A	N/A	Acetaldehyde	5.96E-02	9.84E-02	2.26E-01	5.62E-01	8.02E-01	1.05E+00	1.68E+00	2.26E+00	6.83E-03	7.45E-02	4.38E-01	2.83E-01	0.00E+00
National	Nationwide	N/A	N/A	Acrolein	1.36E-02	2.35E-02	4.48E-02	8.45E-02	1.19E-01	1.43E-01	2.42E-01	3.56E-01	3.48E-03	2.52E-02	4.93E-02	4.13E-02	0.00E+00
National	Nationwide	N/A	N/A	Acrylonitrile	2.70E-05	5.84E-05	2.04E-04	7.85E-04	5.04E-03	2.76E-03	7.94E-03	1.73E-02	4.21E-03	8.33E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Arsenic Compounds	2.23E-06	6.05E-06	2.25E-05	6.21E-05	1.46E-04	1.37E-04	2.52E-04	4.00E-04	5.00E-05	8.75E-05	6.47E-07	7.65E-06	0.00E+00
National	Nationwide	N/A	N/A	Benzene	5.62E-01	6.10E-01	7.87E-01	1.21E+00	1.39E+00	1.78E+00	2.37E+00	2.84E+00	3.70E-02	8.72E-02	5.54E-01	2.34E-01	4.80E-01
National	Nationwide	N/A	N/A	Beryllium Compounds	3.14E-07	7.40E-07	3.13E-06	1.08E-05	3.11E-05	2.16E-05	3.93E-05	6.10E-05	2.43E-06	2.86E-05	0.00E+00	6.69E-08	0.00E+00
National	Nationwide	N/A	N/A	1,3-Butadiene	5.92E-03	9.52E-03	2.25E-02	5.39E-02	7.18E-02	9.38E-02	1.46E-01	1.89E-01	1.43E-03	9.24E-03	4.63E-02	1.48E-02	0.00E+00
National	Nationwide	N/A	N/A	Cadmium Compounds	1.37E-06	3.29E-06	1.39E-05	5.13E-05	2.12E-04	1.74E-04	5.01E-04	7.83E-04	2.51E-05	1.86E-04	0.00E+00	9.34E-07	0.00E+00
National	Nationwide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	5.42E-04	6.63E-04	0.00E+00	0.00E+00	8.80E-01
National	Nationwide	N/A	N/A	Chloroform	8.31E-02	8.32E-02	8.35E-02	8.47E-02	8.94E-02	8.73E-02	9.61E-02	1.06E-01	2.73E-03	3.69E-03	0.00E+00	0.00E+00	8.30E-02
National	Nationwide	N/A	N/A	Chromium Compounds	1.70E-05	3.97E-05	1.68E-04	7.95E-04	2.33E-03	2.65E-03	5.56E-03	8.43E-03	3.51E-04	1.79E-03	4.22E-05	1.39E-04	0.00E+00
National	Nationwide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	7.38E-04	4.79E-03	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,3-Dichloropropene	2.53E-03	5.17E-03	2.01E-02	6.45E-02	9.53E-02	1.19E-01	2.24E-01	3.33E-01	3.13E-06	9.53E-02	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Diesel Particulate Matter	3.28E-01	4.86E-01	8.49E-01	1.53E+00	2.06E+00	2.45E+00	3.66E+00	5.37E+00	0.00E+00	0.00E+00	6.30E-01	1.43E+00	***
National	Nationwide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.73E-03	7.73E-03	7.71E-03	7.72E-03	1.21E-05	2.09E-05	0.00E+00	0.00E+00	7.70E-03
National	Nationwide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.32E-02	6.15E-02	6.29E-02	6.71E-02	1.90E-03	2.75E-04	0.00E+00	0.00E+00	6.10E-02
National	Nationwide	N/A	N/A	Ethylene Oxide	2.82E-05	7.07E-05	3.53E-04	1.60E-03	4.14E-03	4.13E-03	8.47E-03	1.40E-02	4.64E-04	3.67E-03	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Formaldehyde	3.45E-01	4.05E-01	5.61E-01	8.90E-01	1.25E+00	1.44E+00	2.24E+00	3.15E+00	1.15E-02	1.38E-01	3.76E-01	4.77E-01	2.50E-01
National	Nationwide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.34E-05	9.31E-05	9.34E-05	9.42E-05	7.55E-08	3.48E-07	0.00E+00	0.00E+00	9.30E-05
National	Nationwide	N/A	N/A	Hydrazine	3.66E-11	2.90E-10	4.99E-09	4.40E-08	9.77E-06	3.01E-07	6.46E-06	2.18E-05	3.27E-06	6.50E-06	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Lead Compounds	3.67E-05	8.95E-05	3.98E-04	1.88E-03	5.99E-03	6.10E-03	1.54E-02	2.50E-02	4.93E-04	2.16E-03	5.88E-05	3.28E-03	0.00E+00
National	Nationwide	N/A	N/A	Manganese Compounds	5.71E-05	1.43E-04	5.63E-04	1.46E-03	3.13E-03	3.27E-03	6.54E-03	9.27E-03	9.06E-04	2.06E-03	1.72E-05	1.41E-04	0.00E+00
National	Nationwide	N/A	N/A	Mercury Compounds	1.51E-03	1.52E-03	1.56E-03	1.69E-03	2.06E-03	2.00E-03	2.67E-03	3.77E-03	6.17E-05	4.69E-04	5.60E-07	2.90E-05	1.50E-03
National	Nationwide	N/A	N/A	Methylene Chloride	1.56E-01	1.63E-01	2.09E-01	3.40E-01	4.70E-01	5.62E-01	9.22E-01	1.19E+00	6.20E-02	2.58E-01	0.00E+00	0.00E+00	1.50E-01
National	Nationwide	N/A	N/A	Nickel Compounds	2.43E-05	5.57E-05	2.47E-04	9.48E-04	2.22E-03	2.79E-03	5.29E-03	7.58E-03	3.39E-04	1.53E-03	3.28E-05	3.22E-04	0.00E+00
National	Nationwide	N/A	N/A	Perchloroethylene	1.42E-01	1.46E-01	1.66E-01	2.43E-01	3.23E-01	3.68E-01	5.98E-01	7.80E-01	2.30E-02	1.60E-01	0.00E+00	0.00E+00	1.40E-01
National	Nationwide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.80E-04	3.67E-09	1.09E-06	0.00E+00	0.00E+00	3.80E-04
National	Nationwide	N/A	N/A	Polycyclic Organic Matter	4.74E-03	8.13E-03	2.25E-02	5.79E-02	9.70E-02	1.10E-01	2.13E-01	3.06E-01	6.63E-03	8.37E-02	2.60E-04	9.44E-05	0.00E+00
National	Nationwide	N/A	N/A	7-PAH	2.91E-04	5.22E-04	1.11E-03	2.70E-03	4.36E-03	5.09E-03	1.02E-02	1.52E-02	2.17E-04	4.00E-03	1.18E-04	2.55E-05	0.00E+00
National	Nationwide	N/A	N/A	Propylene Dichloride	1.51E-06	3.50E-06	1.20E-05	4.16E-05	4.04E-04	1.34E-04	3.98E-04	8.71E-04	3.55E-04	4.90E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Quinoline	7.86E-10	4.86E-09	4.10E-08	2.53E-07	4.33E-05	1.05E-06	3.31E-06	5.44E-05	2.96E-05	1.36E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,1,2,2-Tetrachloroethane	9.99E-06	2.36E-05	8.38E-05	3.13E-04	1.71E-03	1.03E-03	3.05E-03	5.96E-03	1.37E-03	3.35E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Trichloroethylene	8.16E-02	8.26E-02	9.03E-02	1.18E-01	1.79E-01	1.85E-01	3.18E-01	4.60E-01	2.70E-02	7.12E-02	0.00E+00	0.00E+00	8.10E-02
National	Nationwide	N/A	N/A	Vinyl Chloride	2.96E-05	7.20E-05	2.62E-04	1.06E-03	5.66E-03	3.95E-03	1.14E-02	2.04E-02	4.37E-03	1.29E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Acetaldehyde	1.26E-01	2.01E-01	4.01E-01	7.43E-01	9.67E-01	1.19E+00	1.84E+00	2.59E+00	7.02E-03	8.33E-02	5.29E-01	3.48E-01	0.00E+00
National	All Urban Counties	N/A	U	Acrolein	2.27E-02	3.49E-02	6.21E-02	1.03E-01	1.39E-01	1.63E-01	2.67E-01	3.97E-01	4.21E-03	2.48E-02	5.93E-02	5.07E-02	0.00E+00
National	All Urban Counties	N/A	U	Acrylonitrile	7.60E-05	1.42E-04	4.09E-04	1.16E-03	6.16E-03	3.83E-03	1.01E-02	2.07E-02	5.16E-03	9.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Arsenic Compounds	7.67E-06	1.55E-05	3.74E-05	8.05E-05	1.69E-04	1.55E-04	2.77E-04	4.44E-04	5.69E-05	1.02E-04	7.70E-07	9.52E-06	0.00E+00
National	All Urban Counties	N/A	U	Benzene	6.48E-01	7.48E-01	1.00E+00	1.41E+00	1.57E+00	1.94E+00	2.52E+00	2.98E+00	4.57E-02	9.18E-02	6.67E-01	2.82E-01	4.80E-01
National	All Urban Counties	N/A	U	Beryllium Compounds	1.06E-06	2.35E-06	6.74E-06	1.39E-05	3.70E-05	2.48E-05	4.40E-05	6.75E-05	2.16E-06	3.48E-05	0.00E+00	8.34E-08	0.00E+00
National	All Urban Counties	N/A	U	1,3-Butadiene	1.11E-02	1.76E-02	3.63E-02	6.65E-02	8.41E-02	1.06E-01	1.58E-01	2.03E-01	1.74E-03	8.68E-03	5.57E-02	1.79E-02	0.00E+00
National	All Urban Counties	N/A	U	Cadmium Compounds	4.93E-06	1.04E-05	2.70E-05	7.72E-05	2.49E-04	2.35E-04	5.80E-04	8.79E-04	2.81E-05	2.20E-04	0.00E+00	1.16E-06	0.00E+00
National	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.84E-01	6.68E-04	8.12E-04	0.00E+00	0.00E+00	8.80E-01
National	All Urban Counties	N/A	U	Chloroform	8.33E-02	8.35E-02	8.40E-02	8.53E-02	9.08E-02	8.84E-02	9.91E-02	1.08E-01	3.20E-03	4.56E-03	0.00E+00	0.00E+00	8.30E-02
National	All Urban Counties	N/A	U	Chromium Compounds	5.60E-05	1.17E-04	3.65E-04	1.26E-03	2.77E-03	3.26E-03	6.29E-03	9.37E-03	4.05E-04	2.14E-03	5.02E-05	1.72E-04	0.00E+00
National	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	1.92E-03	6.37E-03	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,3-Dichloropropene	8.34E-03	1.65E-02	4.38E-02	8.18E-02	1.16E-01	1.41E-01	2.58E-01	3.71E-01	3.83E-06	1.16E-01	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Diesel Particulate Matter	5.13E-01	7.18E-01	1.17E+00	1.86E+00	2.41E+00	2.70E+00	4.09E+00	6.06E+00	0.00E+00	0.00E+00	7.25E-01	1.69E+00	***
National	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.74E-03	7.70E-03	7.71E-03	7.73E-03	1.50E-05	2.63E-05	0.00E+00	0.00E+00	7.70E-03
National	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.37E-02	6.17E-02	6.35E-02	6.95E-02	2.34E-03	3.37E-04	0.00E+00	0.00E+00	6.10E-02
National	All Urban Counties	N/A	U	Ethylene Oxide	1.20E-04	2.66E-04	8.55E-04	2.30E-03	5.02E-03	5.01E-03	9.87E-03	1.63E-02	5.26E-04	4.49E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Formaldehyde	4.21E-01	5.10E-01	7.18E-01	1.06E+00	1.44E+00	1.62E+00	2.46E+00	3.73E+00	1.28E-02	1.34E-01	4.54E-01	5.88E-01	2.50E-01
National	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.35E-05	9.31E-05	9.36E-05	9.46E-05	9.13E-08	4.16E-07	0.00E+00	0.00E+00	9.30E-05
National	All Urban Counties	N/A	U	Hydrazine	8.29E-10	3.00E-09	1.51E-08	7.86E-08	1.21E-05	1.58E-07	9.97E-06	2.74E-05	4.01E-06	8.13E-06	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Lead Compounds	1.38E-04	2.86E-04	9.04E-04	3.03E-03	7.30E-03	7.88E-03	1.79E-02	2.84E-02	5.61E-04	2.58E-03	7.00E-05	4.10E-03	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m ³) for Virgin Islands																	
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
National	All Urban Counties	N/A	U	Manganese Compounds	1.77E-04	3.76E-04	9.10E-04	1.82E-03	3.45E-03	3.79E-03	7.09E-03	9.81E-03	9.40E-04	2.32E-03	2.05E-05	1.74E-04	0.00E+00
National	All Urban Counties	N/A	U	Mercury Compounds	1.52E-03	1.55E-03	1.61E-03	1.78E-03	2.19E-03	2.11E-03	2.95E-03	4.15E-03	6.99E-05	5.79E-04	6.65E-07	3.57E-05	1.50E-03
National	All Urban Counties	N/A	U	Methylene Chloride	1.73E-01	1.97E-01	2.69E-01	4.02E-01	5.34E-01	6.45E-01	1.00E+00	1.27E+00	7.21E-02	3.12E-01	0.00E+00	0.00E+00	1.50E-01
National	All Urban Counties	N/A	U	Nickel Compounds	8.55E-05	1.78E-04	5.15E-04	1.41E-03	2.66E-03	3.37E-03	5.84E-03	8.35E-03	3.98E-04	1.82E-03	3.90E-05	4.00E-04	0.00E+00
National	All Urban Counties	N/A	U	Perchloroethylene	1.51E-01	1.62E-01	2.03E-01	2.83E-01	3.65E-01	4.20E-01	6.57E-01	8.40E-01	2.84E-02	1.97E-01	0.00E+00	0.00E+00	1.40E-01
National	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.81E-04	3.74E-09	1.38E-06	0.00E+00	0.00E+00	3.80E-04
National	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.03E-02	1.78E-02	4.00E-02	7.15E-02	1.08E-01	1.30E-01	2.41E-01	3.33E-01	7.54E-03	9.97E-02	3.07E-04	1.13E-04	0.00E+00
National	All Urban Counties	N/A	U	7-PAH	4.71E-04	7.69E-04	1.70E-03	3.36E-03	5.13E-03	5.98E-03	1.17E-02	1.68E-02	2.72E-04	4.69E-03	1.39E-04	2.91E-05	0.00E+00
National	All Urban Counties	N/A	U	Propylene Dichloride	4.71E-06	8.70E-06	2.28E-05	6.25E-05	5.06E-04	1.89E-04	4.93E-04	1.09E-03	4.47E-04	5.85E-05	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Quinoline	9.00E-09	2.52E-08	1.02E-07	4.40E-07	5.33E-05	1.33E-06	4.94E-06	8.54E-05	3.67E-05	1.66E-05	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	2.82E-05	5.28E-05	1.67E-04	4.63E-04	2.12E-03	1.38E-03	3.76E-03	7.69E-03	1.72E-03	3.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Trichloroethylene	8.41E-02	8.80E-02	1.01E-01	1.35E-01	2.00E-01	2.11E-01	3.54E-01	5.14E-01	3.25E-02	8.66E-02	0.00E+00	0.00E+00	8.10E-02
National	All Urban Counties	N/A	U	Vinyl Chloride	8.98E-05	1.84E-04	5.36E-04	1.62E-03	7.01E-03	5.63E-03	1.40E-02	2.36E-02	5.47E-03	1.54E-03	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Acetaldehyde	2.47E-02	4.10E-02	7.84E-02	1.33E-01	1.72E-01	2.24E-01	3.45E-01	4.30E-01	6.12E-03	4.10E-02	8.84E-02	3.69E-02	0.00E+00
National	All Rural Counties	N/A	R	Acrolein	4.11E-03	9.31E-03	2.17E-02	3.65E-02	4.39E-02	5.50E-02	8.13E-02	1.04E-01	6.92E-04	2.67E-02	1.10E-02	5.49E-03	0.00E+00
National	All Rural Counties	N/A	R	Acrylonitrile	5.38E-06	1.39E-05	3.97E-05	1.05E-04	7.97E-04	2.80E-04	7.00E-04	1.29E-03	5.87E-04	2.11E-04	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Arsenic Compounds	4.04E-07	1.08E-06	3.95E-06	1.28E-05	5.79E-05	3.72E-05	9.44E-05	1.94E-04	2.35E-05	3.37E-05	1.78E-07	5.02E-07	0.00E+00
National	All Rural Counties	N/A	R	Benzene	5.10E-01	5.36E-01	5.84E-01	6.58E-01	7.32E-01	7.99E-01	1.00E+00	1.17E+00	4.07E-03	6.98E-02	1.25E-01	5.29E-02	4.80E-01
National	All Rural Counties	N/A	R	Beryllium Compounds	7.74E-08	1.81E-07	5.14E-07	1.31E-06	8.51E-06	3.84E-06	7.98E-06	1.81E-05	3.46E-06	5.04E-06	0.00E+00	4.17E-09	0.00E+00
National	All Rural Counties	N/A	R	1,3-Butadiene	2.06E-03	3.94E-03	8.00E-03	1.39E-02	2.51E-02	2.94E-02	5.31E-02	7.36E-02	2.57E-04	1.14E-02	1.03E-02	3.19E-03	0.00E+00
National	All Rural Counties	N/A	R	Cadmium Compounds	2.96E-07	7.67E-07	2.19E-06	6.08E-06	7.14E-05	1.83E-05	5.51E-05	1.36E-04	1.37E-05	5.77E-05	0.00E+00	5.81E-08	0.00E+00
National	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	8.80E-01	6.21E-05	9.88E-05	0.00E+00	0.00E+00	8.80E-01
National	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.43E-02	8.35E-02	8.42E-02	8.64E-02	9.45E-04	4.02E-04	0.00E+00	0.00E+00	8.30E-02
National	All Rural Counties	N/A	R	Chromium Compounds	2.83E-06	8.42E-06	2.55E-05	7.47E-05	6.53E-04	2.48E-04	1.06E-03	2.43E-03	1.46E-04	4.81E-04	1.17E-05	1.41E-05	0.00E+00
National	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	1,3-Dichloropropene	5.52E-04	1.39E-03	3.47E-03	7.68E-03	1.72E-02	2.08E-02	4.69E-02	6.53E-02	4.52E-07	1.72E-02	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Diesel Particulate Matter	1.45E-01	2.25E-01	4.24E-01	6.66E-01	7.40E-01	9.66E-01	1.32E+00	1.56E+00	0.00E+00	0.00E+00	2.71E-01	4.69E-01	***
National	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	9.10E-07	4.24E-07	0.00E+00	0.00E+00	7.70E-03
National	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.10E-02	6.11E-02	6.12E-02	2.11E-04	4.08E-05	0.00E+00	0.00E+00	6.10E-02
National	All Rural Counties	N/A	R	Ethylene Oxide	4.98E-06	1.24E-05	4.10E-05	1.25E-04	7.64E-04	4.14E-04	1.23E-03	2.27E-03	2.25E-04	5.38E-04	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Formaldehyde	2.84E-01	3.13E-01	3.81E-01	4.67E-01	5.48E-01	5.93E-01	7.69E-01	9.16E-01	6.47E-03	1.56E-01	7.92E-02	5.61E-02	2.50E-01
National	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	1.50E-08	8.66E-08	0.00E+00	0.00E+00	9.30E-05
National	All Rural Counties	N/A	R	Hydrazine	0.00E+00	4.45E-12	9.09E-11	9.62E-10	7.52E-07	8.89E-09	8.65E-08	3.65E-07	4.46E-07	3.05E-07	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Lead Compounds	7.89E-06	1.76E-05	5.26E-05	1.71E-04	9.65E-04	5.23E-04	1.53E-03	3.13E-03	2.33E-04	5.66E-04	1.64E-05	1.50E-04	0.00E+00
National	All Rural Counties	N/A	R	Manganese Compounds	1.04E-05	2.70E-05	9.58E-05	3.17E-04	1.88E-03	9.52E-04	2.76E-03	5.70E-03	7.75E-04	1.09E-03	4.74E-06	1.45E-05	0.00E+00
National	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.59E-03	1.56E-03	1.62E-03	1.69E-03	3.04E-05	5.14E-05	1.57E-07	3.31E-06	1.50E-03
National	All Rural Counties	N/A	R	Methylene Chloride	1.51E-01	1.53E-01	1.58E-01	1.72E-01	2.25E-01	2.17E-01	3.21E-01	4.34E-01	2.34E-02	5.15E-02	0.00E+00	0.00E+00	1.50E-01
National	All Rural Counties	N/A	R	Nickel Compounds	4.25E-06	1.20E-05	3.51E-05	1.01E-04	5.65E-04	3.28E-04	9.65E-04	1.98E-03	1.17E-04	4.16E-04	9.04E-06	2.27E-05	0.00E+00
National	All Rural Counties	N/A	R	Perchloroethylene	1.40E-01	1.41E-01	1.43E-01	1.49E-01	1.65E-01	1.65E-01	2.06E-01	2.41E-01	2.26E-03	2.25E-02	0.00E+00	0.00E+00	1.40E-01
National	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.42E-09	1.17E-08	0.00E+00	0.00E+00	3.80E-04
National	All Rural Counties	N/A	R	Polycyclic Organic Matter	1.32E-03	2.90E-03	6.21E-03	1.18E-02	2.61E-02	2.71E-02	5.54E-02	8.67E-02	3.16E-03	2.28E-02	8.05E-05	2.55E-05	0.00E+00
National	All Rural Counties	N/A	R	7-PAH	8.42E-05	1.89E-04	5.10E-04	9.11E-04	1.41E-03	1.65E-03	3.04E-03	4.11E-03	9.20E-06	1.35E-03	3.88E-05	1.19E-05	0.00E+00
National	All Rural Counties	N/A	R	Propylene Dichloride	2.43E-07	6.71E-07	2.34E-06	6.42E-06	1.82E-05	1.58E-05	3.57E-05	5.62E-05	5.71E-06	1.24E-05	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Quinoline	0.00E+00	1.21E-10	1.90E-09	1.44E-08	5.06E-06	7.37E-08	3.29E-07	9.54E-07	2.77E-06	2.29E-06	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.34E-06	4.65E-06	1.69E-05	4.77E-05	1.31E-04	1.23E-04	2.84E-04	4.57E-04	3.28E-05	9.84E-05	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Trichloroethylene	8.11E-02	8.13E-02	8.19E-02	8.40E-02	9.96E-02	9.29E-02	1.17E-01	1.51E-01	6.09E-03	1.25E-02	0.00E+00	0.00E+00	8.10E-02
National	All Rural Counties	N/A	R	Vinyl Chloride	3.96E-06	1.33E-05	5.03E-05	1.45E-04	5.19E-04	3.78E-04	9.56E-04	1.57E-03	1.99E-04	3.20E-04	0.00E+00	0.00E+00	0.00E+00