

US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for Vermont

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/m³) for Vermont

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
Vermont	Statewide	N/A	N/A	Acetaldehyde	6.66E-02	8.35E-02	1.02E-01	1.30E-01	1.89E-01	1.98E-01	4.34E-01	5.60E-01	2.24E-04	2.55E-02	1.14E-01	4.87E-02	0.00E+00
Vermont	Statewide	N/A	N/A	Acrolein	2.63E-02	3.33E-02	3.74E-02	4.61E-02	5.45E-02	6.04E-02	8.91E-02	1.13E-01	8.83E-08	2.70E-02	1.58E-02	1.17E-02	0.00E+00
Vermont	Statewide	N/A	N/A	Acrylonitrile	4.81E-05	5.68E-05	7.77E-05	1.19E-04	1.52E-04	1.85E-04	2.65E-04	3.16E-04	1.37E-05	1.38E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Statewide	N/A	N/A	Arsenic Compounds	2.60E-06	3.12E-06	4.70E-06	6.67E-06	1.68E-05	1.43E-05	3.62E-05	7.41E-05	3.56E-07	1.63E-05	1.76E-07	2.19E-09	0.00E+00
Vermont	Statewide	N/A	N/A	Benzene	5.84E-01	5.96E-01	6.32E-01	7.12E-01	8.30E-01	9.36E-01	1.24E+00	1.47E+00	4.54E-05	5.68E-02	1.62E-01	1.31E-01	4.80E-01
Vermont	Statewide	N/A	N/A	Beryllium Compounds	4.02E-07	4.80E-07	6.27E-07	1.02E-06	3.11E-06	2.43E-06	8.53E-06	1.52E-05	2.43E-08	3.09E-06	0.00E+00	1.52E-11	0.00E+00
Vermont	Statewide	N/A	N/A	1,3-Butadiene	8.13E-03	9.52E-03	1.22E-02	1.73E-02	3.13E-02	3.51E-02	6.50E-02	9.75E-02	5.90E-09	7.26E-03	1.64E-02	7.59E-03	0.00E+00
Vermont	Statewide	N/A	N/A	Cadmium Compounds	2.00E-06	2.30E-06	3.25E-06	4.79E-06	9.21E-06	9.38E-06	2.30E-05	3.36E-05	7.62E-07	8.45E-06	0.00E+00	2.10E-10	0.00E+00
Vermont	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	8.80E-01	8.80E-01	2.83E-08	4.43E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Statewide	N/A	N/A	Chloroform	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.35E-02	8.39E-02	8.42E-02	6.03E-05	3.75E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Statewide	N/A	N/A	Chromium Compounds	1.48E-05	2.01E-05	2.71E-05	5.03E-05	9.02E-05	1.09E-04	1.83E-04	2.32E-04	4.96E-06	6.10E-05	1.13E-05	1.30E-05	0.00E+00
Vermont	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
Vermont	Statewide	N/A	N/A	1,3-Dichloropropene	3.26E-03	3.94E-03	5.18E-03	8.40E-03	2.43E-02	2.07E-02	6.75E-02	9.85E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Statewide	N/A	N/A	Diesel Particulate Matter	2.72E-01	3.34E-01	4.42E-01	5.81E-01	6.46E-01	7.79E-01	9.75E-01	1.20E+00	0.00E+00	0.00E+00	2.81E-01	3.65E-01	***
Vermont	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	7.65E-09	1.03E-07	0.00E+00	0.00E+00	7.70E-03
Vermont	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	6.11E-02	1.65E-06	2.37E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Statewide	N/A	N/A	Ethylene Oxide	2.72E-05	4.11E-05	6.20E-05	1.19E-04	3.08E-04	3.24E-04	7.03E-04	1.31E-03	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Statewide	N/A	N/A	Formaldehyde	3.84E-01	4.07E-01	4.39E-01	4.77E-01	5.44E-01	5.85E-01	7.71E-01	9.42E-01	2.39E-04	1.09E-01	1.02E-01	8.24E-02	2.50E-01
Vermont	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	3.44E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Statewide	N/A	N/A	Hydrazine	4.32E-11	7.37E-11	2.23E-10	9.76E-10	1.29E-08	7.37E-09	3.46E-08	7.50E-08	5.80E-10	1.23E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Statewide	N/A	N/A	Lead Compounds	3.86E-05	5.35E-05	8.73E-05	1.78E-04	9.61E-04	4.30E-04	1.52E-03	4.29E-03	1.03E-05	1.43E-04	1.57E-05	7.92E-04	0.00E+00
Vermont	Statewide	N/A	N/A	Manganese Compounds	2.03E-04	2.53E-04	3.39E-04	6.48E-04	1.30E-03	1.26E-03	3.43E-03	4.97E-03	3.18E-05	1.25E-03	4.57E-06	1.41E-05	0.00E+00
Vermont	Statewide	N/A	N/A	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.55E-03	1.56E-03	1.60E-03	1.64E-03	6.24E-06	3.77E-05	1.53E-07	3.71E-06	1.50E-03
Vermont	Statewide	N/A	N/A	Methylene Chloride	1.57E-01	1.58E-01	1.62E-01	1.72E-01	2.04E-01	1.95E-01	2.82E-01	4.27E-01	4.61E-04	5.37E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Statewide	N/A	N/A	Nickel Compounds	1.94E-05	2.38E-05	3.51E-05	6.94E-05	2.11E-04	1.69E-04	4.12E-04	1.26E-03	4.03E-06	1.92E-04	8.73E-06	6.11E-06	0.00E+00
Vermont	Statewide	N/A	N/A	Perchloroethylene	1.43E-01	1.44E-01	1.45E-01	1.49E-01	1.70E-01	1.63E-01	2.24E-01	2.81E-01	6.22E-05	2.99E-02	0.00E+00	0.00E+00	1.40E-01
Vermont	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	1.23E-09	2.17E-08	0.00E+00	0.00E+00	3.80E-04
Vermont	Statewide	N/A	N/A	Polycyclic Organic Matter	5.45E-03	6.48E-03	7.64E-03	1.04E-02	2.16E-02	1.99E-02	5.21E-02	8.46E-02	1.78E-05	2.14E-02	3.21E-05	7.88E-05	0.00E+00
Vermont	Statewide	N/A	N/A	7-PAH	5.62E-04	7.19E-04	8.27E-04	1.01E-03	1.55E-03	1.49E-03	2.99E-03	4.56E-03	1.62E-08	1.50E-03	1.72E-05	3.60E-05	0.00E+00
Vermont	Statewide	N/A	N/A	Propylene Dichloride	2.74E-06	3.24E-06	4.40E-06	6.99E-06	9.08E-06	1.14E-05	1.64E-05	1.96E-05	8.28E-07	8.26E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Statewide	N/A	N/A	Quinoline	1.33E-09	2.66E-09	4.78E-09	1.29E-08	4.25E-08	3.54E-08	9.42E-08	1.96E-07	0.00E+00	4.25E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	2.04E-05	2.64E-05	3.58E-05	6.02E-05	7.68E-05	9.41E-05	1.37E-04	2.13E-04	7.59E-06	6.92E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Statewide	N/A	N/A	Trichloroethylene	8.18E-02	8.20E-02	8.26E-02	8.40E-02	9.10E-02	8.91E-02	1.03E-01	1.42E-01	2.89E-05	1.00E-02	0.00E+00	0.00E+00	8.10E-02
Vermont	Statewide	N/A	N/A	Vinyl Chloride	5.09E-05	6.52E-05	8.89E-05	1.49E-04	1.88E-04	2.34E-04	3.26E-04	3.85E-04	1.88E-05	1.69E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	All Rural Counties	N/A	R	Acetaldehyde	6.66E-02	8.35E-02	1.02E-01	1.30E-01	1.89E-01	1.98E-01	4.34E-01	5.60E-01	2.24E-04	2.55E-02	1.14E-01	4.87E-02	0.00E+00
Vermont	All Rural Counties	N/A	R	Acrolein	2.63E-02	3.33E-02	3.74E-02	4.61E-02	5.45E-02	6.04E-02	8.91E-02	1.13E-01	8.83E-08	2.70E-02	1.58E-02	1.17E-02	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																		
Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																		
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	
Vermont	All Rural Counties	N/A	R	Acrylonitrile	4.81E-05	5.68E-05	7.77E-05	1.19E-04	1.52E-04	1.85E-04	2.65E-04	3.16E-04	1.37E-05	1.38E-04	0.00E+00	0.00E+00	0.00E+00	
Vermont	All Rural Counties	N/A	R	Arsenic Compounds	2.60E-06	3.12E-06	4.70E-06	6.67E-06	1.68E-05	1.43E-05	3.62E-05	7.41E-05	3.56E-07	1.63E-05	1.76E-07	2.19E-09	0.00E+00	
Vermont	All Rural Counties	N/A	R	Benzene	5.84E-01	5.96E-01	6.32E-01	7.12E-01	8.30E-01	9.36E-01	1.24E+00	1.47E+00	4.54E-05	5.68E-02	1.62E-01	1.31E-01	4.80E-01	
Vermont	All Rural Counties	N/A	R	Beryllium Compounds	4.02E-07	4.80E-07	6.27E-07	1.02E-06	3.11E-06	2.43E-06	8.53E-06	1.52E-05	2.43E-08	3.09E-06	0.00E+00	1.52E-11	0.00E+00	
Vermont	All Rural Counties	N/A	R	1,3-Butadiene	8.13E-03	9.52E-03	1.22E-02	1.73E-02	3.13E-02	3.51E-02	6.50E-02	9.75E-02	5.90E-09	7.26E-03	1.64E-02	7.59E-03	0.00E+00	
Vermont	All Rural Counties	N/A	R	Cadmium Compounds	2.00E-06	2.30E-06	3.25E-06	4.79E-06	9.21E-06	9.38E-06	2.30E-05	3.36E-05	7.62E-07	8.45E-06	0.00E+00	2.10E-10	0.00E+00	
Vermont	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	2.83E-08	4.43E-05	0.00E+00	0.00E+00	8.80E-01	
Vermont	All Rural Counties	N/A	R	Chloroform	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.35E-02	8.39E-02	8.42E-02	6.03E-05	3.75E-04	0.00E+00	0.00E+00	8.30E-02	
Vermont	All Rural Counties	N/A	R	Chromium Compounds	1.48E-05	2.01E-05	2.71E-05	5.03E-05	9.02E-05	1.09E-04	1.83E-04	2.32E-04	4.96E-06	6.10E-05	1.13E-05	1.30E-05	0.00E+00	
Vermont	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	
Vermont	All Rural Counties	N/A	R	1,3-Dichloropropene	3.26E-03	3.94E-03	5.18E-03	8.40E-03	2.43E-02	2.07E-02	6.75E-02	9.85E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	0.00E+00	
Vermont	All Rural Counties	N/A	R	Diesel Particulate Matter	2.72E-01	3.34E-01	4.42E-01	5.81E-01	6.46E-01	7.79E-01	9.75E-01	1.20E+00	0.00E+00	0.00E+00	2.81E-01	3.65E-01	***	
Vermont	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	7.70E-03	7.65E-09	1.03E-07	0.00E+00	0.00E+00	7.70E-03
Vermont	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	6.11E-02	1.65E-06	2.37E-05	0.00E+00	0.00E+00	6.10E-02	
Vermont	All Rural Counties	N/A	R	Ethylene Oxide	2.72E-05	4.11E-05	6.20E-05	1.19E-04	3.08E-04	3.24E-04	7.03E-04	1.31E-03	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	
Vermont	All Rural Counties	N/A	R	Formaldehyde	3.84E-01	4.07E-01	4.39E-01	4.77E-01	5.44E-01	5.85E-01	7.71E-01	9.42E-01	2.39E-04	1.09E-01	1.02E-01	8.24E-02	2.50E-01	
Vermont	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	9.31E-05	9.31E-05	0.00E+00	3.44E-08	0.00E+00	0.00E+00	9.30E-05	
Vermont	All Rural Counties	N/A	R	Hydrazine	4.32E-11	7.37E-11	2.23E-10	9.76E-10	1.29E-08	7.37E-09	3.46E-08	7.50E-08	5.80E-10	1.23E-08	0.00E+00	0.00E+00	0.00E+00	
Vermont	All Rural Counties	N/A	R	Lead Compounds	3.86E-05	5.35E-05	8.73E-05	1.78E-04	9.61E-04	4.30E-04	1.52E-03	4.29E-03	1.03E-05	1.43E-04	1.57E-05	7.92E-04	0.00E+00	
Vermont	All Rural Counties	N/A	R	Manganese Compounds	2.03E-04	2.53E-04	3.39E-04	6.48E-04	1.30E-03	1.26E-03	3.43E-03	4.97E-03	3.18E-05	1.25E-03	4.57E-06	1.41E-05	0.00E+00	
Vermont	All Rural Counties	N/A	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.55E-03	1.56E-03	1.60E-03	1.64E-03	6.24E-06	3.77E-05	1.53E-07	3.71E-06	1.50E-03	
Vermont	All Rural Counties	N/A	R	Methylene Chloride	1.57E-01	1.58E-01	1.62E-01	1.72E-01	2.04E-01	1.95E-01	2.82E-01	4.27E-01	4.61E-04	5.37E-02	0.00E+00	0.00E+00	1.50E-01	
Vermont	All Rural Counties	N/A	R	Nickel Compounds	1.94E-05	2.38E-05	3.51E-05	6.94E-05	2.11E-04	1.69E-04	4.12E-04	1.26E-03	4.03E-06	1.92E-04	8.73E-06	6.11E-06	0.00E+00	
Vermont	All Rural Counties	N/A	R	Perchloroethylene	1.43E-01	1.44E-01	1.45E-01	1.49E-01	1.70E-01	1.63E-01	2.24E-01	2.81E-01	6.22E-05	2.99E-02	0.00E+00	0.00E+00	1.40E-01	
Vermont	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	1.23E-09	2.17E-08	0.00E+00	0.00E+00	3.80E-04	
Vermont	All Rural Counties	N/A	R	Polycyclic Organic Matter	5.45E-03	6.48E-03	7.64E-03	1.04E-02	2.16E-02	1.99E-02	5.21E-02	8.46E-02	1.78E-05	2.14E-02	3.21E-05	7.88E-05	0.00E+00	
Vermont	All Rural Counties	N/A	R	7-PAH	5.62E-04	7.19E-04	8.27E-04	1.01E-03	1.55E-03	1.49E-03	2.99E-03	4.56E-03	1.62E-08	1.50E-03	1.72E-05	3.60E-05	0.00E+00	
Vermont	All Rural Counties	N/A	R	Propylene Dichloride	2.74E-06	3.24E-06	4.40E-06	6.99E-06	9.08E-06	1.14E-05	1.64E-05	1.96E-05	8.28E-07	8.26E-06	0.00E+00	0.00E+00	0.00E+00	
Vermont	All Rural Counties	N/A	R	Quinoline	1.33E-09	2.06E-09	4.78E-09	1.29E-08	4.25E-08	3.54E-08	9.42E-08	1.96E-07	0.00E+00	4.25E-08	0.00E+00	0.00E+00	0.00E+00	
Vermont	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	2.04E-05	2.64E-05	3.58E-05	6.02E-05	7.68E-05	9.41E-05	1.37E-04	2.13E-04	7.59E-06	6.92E-05	0.00E+00	0.00E+00	0.00E+00	
Vermont	All Rural Counties	N/A	R	Trichloroethylene	8.18E-02	8.20E-02	8.26E-02	8.40E-02	9.10E-02	8.91E-02	1.03E-01	1.42E-01	2.89E-05	1.00E-02	0.00E+00	0.00E+00	8.10E-02	
Vermont	All Rural Counties	N/A	R	Vinyl Chloride	5.09E-05	6.52E-05	8.89E-05	1.49E-04	1.88E-04	2.34E-04	3.26E-04	3.85E-04	1.88E-05	1.69E-04	0.00E+00	0.00E+00	0.00E+00	
Vermont	Addison	50001	R	Acetaldehyde	7.65E-02	8.78E-02	1.04E-01	1.21E-01	1.37E-01	1.63E-01	1.98E-01	2.42E-01	2.26E-03	1.64E-02	7.85E-02	3.97E-02	0.00E+00	
Vermont	Addison	50001	R	Acrolein	2.44E-02	2.71E-02	3.25E-02	3.94E-02	4.06E-02	5.00E-02	5.19E-02	5.97E-02	0.00E+00	2.04E-02	9.78E-03	1.05E-02	0.00E+00	
Vermont	Addison	50001	R	Acrylonitrile	8.74E-05	9.93E-05	1.01E-04	1.17E-04	1.20E-04	1.29E-04	1.68E-04	1.71E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	
Vermont	Addison	50001	R	Arsenic Compounds	5.20E-06	5.82E-06	6.05E-06	8.01E-06	1.05E-05	1.19E-05	2.37E-05	2.42E-05	1.92E-06	8.44E-06	1.07E-07	9.24E-12	0.00E+00	
Vermont	Addison	50001	R	Benzene	6.07E-01	6.67E-01	6.94E-01	7.41E-01	7.47E-01	8.08E-01	8.55E-01	8.94E-01	0.00E+00	3.63E-02	7.51E-02	1.56E-01	4.80E-01	
Vermont	Addison	50001	R	Beryllium Compounds	3.66E-07	4.20E-07	6.63E-07	7.69E-07	1.15E-06	1.12E-06	2.99E-06	3.57E-06	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00	
Vermont	Addison	50001	R	1,3-Butadiene	3.97E-03	1.10E-02	1.21E-02	1.61E-02	1.78E-02	2.00E-02	3.39E-02	3.51E-02	0.00E+00	4.97E-03	5.10E-03	7.71E-03	0.00E+00	
Vermont	Addison	50001	R	Cadmium Compounds	2.46E-06	2.62E-06	3.08E-06	3.65E-06	4.58E-06	5.33E-06	9.14E-06	9.24E-06	4.99E-07	4.08E-06	0.00E+00	0.00E+00	0.00E+00	
Vermont	Addison	50001	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.38E-05	0.00E+00	0.00E+00	8.80E-01	
Vermont	Addison	50001	R	Chloroform	8.34E-02	8.35E-02	8.35E-02	8.36E-02	8.37E-02	8.38E-02	8.38E-02	8.46E-02	4.77E-04	2.16E-04	0.00E+00	0.00E+00	8.30E-02	
Vermont	Addison	50001	R	Chromium Compounds	2.14E-05	2.15E-05	2.47E-05	2.73E-05	3.46E-05	3.45E-05	6.39E-05	8.04E-05	3.74E-06	1.43E-05	6.77E-06	9.82E-06	0.00E+00	
Vermont	Addison	50001	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	
Vermont	Addison	50001	R	1,3-Dichloropropene	3.86E-03	3.94E-03	4.74E-03	7.30E-03	1.00E-02	1.04E-02	2.53E-02	2.73E-02	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	
Vermont	Addison	50001	R	Diesel Particulate Matter	4.19E-01	4.28E-01	4.48E-01	4.67E-01	4.90E-01	5.25E-01	5.82E-01	6.21E-01	0.00E+00	0.00E+00	2.06E-01	2.84E-01	***	
Vermont	Addison	50001	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	9.18E-08	0.00E+00	0.00E+00	7.70E-03	
Vermont	Addison	50001	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	1.47E-05	0.00E+00	0.00E+00	6.10E-02	
Vermont	Addison	50001	R	Ethylene Oxide	4.34E-05	7.08E-05	7.32E-05	1.17E-04	2.42E-04	1.72E-04	6.30E-04	1.20E-03	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	
Vermont	Addison	50001	R	Formaldehyde	3.70E-01	3.74E-01	4.12E-01	4.43E-01	4.61E-01	5.28E-01	5.61E-01	5.63E-01	5.62E-04	7.88E-02	6.52E-02	6.64E-02	2.50E-01	
Vermont	Addison	50001	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	6.37E-08	0.00E+00	0.00E+00	9.30E-05	
Vermont	Addison	50001	R	Hydrazine	2.23E-10	3.67E-10	5.84E-10	2.26E-09	9.85E-09	1.64E-08	3.08E-08	4.43E-08	0.00E+00	9.85E-09	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/m³) for Vermont																	
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
Vermont	Addison	50001	R	Lead Compounds	6.02E-05	6.26E-05	6.62E-05	1.24E-04	2.38E-04	4.18E-04	4.62E-04	7.17E-04	1.06E-05	6.45E-05	9.39E-06	1.54E-04	0.00E+00
Vermont	Addison	50001	R	Manganese Compounds	5.97E-04	7.03E-04	7.48E-04	9.13E-04	1.20E-03	1.51E-03	2.25E-03	2.56E-03	3.01E-04	8.86E-04	2.72E-06	1.06E-05	0.00E+00
Vermont	Addison	50001	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.37E-07	1.87E-05	9.26E-08	2.84E-06	1.50E-03
Vermont	Addison	50001	R	Methylene Chloride	1.55E-01	1.57E-01	1.58E-01	1.64E-01	1.69E-01	1.68E-01	2.02E-01	2.11E-01	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Addison	50001	R	Nickel Compounds	1.68E-05	2.13E-05	2.27E-05	4.36E-05	6.04E-05	6.70E-05	1.62E-04	1.76E-04	4.74E-07	5.02E-05	5.25E-06	4.44E-06	0.00E+00
Vermont	Addison	50001	R	Perchloroethylene	1.43E-01	1.43E-01	1.45E-01	1.46E-01	1.49E-01	1.49E-01	1.64E-01	1.64E-01	6.88E-07	8.90E-03	0.00E+00	0.00E+00	1.40E-01
Vermont	Addison	50001	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
Vermont	Addison	50001	R	Polycyclic Organic Matter	4.71E-03	5.06E-03	6.44E-03	8.05E-03	1.04E-02	1.19E-02	2.14E-02	2.15E-02	2.36E-09	1.03E-02	1.48E-05	9.01E-05	0.00E+00
Vermont	Addison	50001	R	7-PAH	4.46E-04	4.93E-04	5.78E-04	7.67E-04	8.72E-04	1.07E-03	1.43E-03	1.58E-03	2.18E-11	8.19E-04	7.97E-06	4.56E-05	0.00E+00
Vermont	Addison	50001	R	Propylene Dichloride	5.51E-06	5.91E-06	5.99E-06	7.14E-06	7.22E-06	7.77E-06	9.82E-06	9.93E-06	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Addison	50001	R	Quinoline	5.75E-09	8.52E-09	1.09E-08	2.17E-08	3.82E-08	6.19E-08	9.42E-08	1.23E-07	0.00E+00	3.82E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Addison	50001	R	1,1,2,2-Tetrachloroethane	4.14E-05	4.76E-05	5.11E-05	5.75E-05	6.00E-05	6.52E-05	8.49E-05	8.61E-05	0.00E+00	6.00E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Addison	50001	R	Trichloroethylene	8.16E-02	8.19E-02	8.20E-02	8.29E-02	8.38E-02	8.38E-02	8.83E-02	9.05E-02	0.00E+00	2.77E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Addison	50001	R	Vinyl Chloride	1.04E-04	1.19E-04	1.26E-04	1.44E-04	1.49E-04	1.61E-04	2.10E-04	2.13E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	Acetaldehyde	8.88E-02	9.03E-02	1.13E-01	1.24E-01	1.47E-01	1.66E-01	2.30E-01	2.60E-01	1.07E-06	2.76E-02	8.47E-02	3.44E-02	0.00E+00
Vermont	Bennington	50003	R	Acrolein	2.74E-02	3.45E-02	3.59E-02	4.10E-02	4.65E-02	4.36E-02	7.16E-02	8.67E-02	1.23E-06	2.97E-02	1.15E-02	5.24E-03	0.00E+00
Vermont	Bennington	50003	R	Acrylonitrile	1.16E-04	1.38E-04	1.52E-04	4.06E-04	3.83E-04	5.20E-04	6.39E-04	8.30E-04	1.42E-04	2.41E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	Arsenic Compounds	3.19E-06	3.23E-06	4.24E-06	5.52E-06	8.29E-06	7.59E-06	1.36E-05	3.08E-05	4.43E-07	7.66E-06	1.55E-07	3.03E-08	0.00E+00
Vermont	Bennington	50003	R	Benzene	5.89E-01	6.02E-01	6.15E-01	6.34E-01	6.76E-01	6.70E-01	8.02E-01	9.54E-01	4.27E-04	5.51E-02	1.03E-01	3.76E-02	4.80E-01
Vermont	Bennington	50003	R	Beryllium Compounds	5.67E-07	5.95E-07	6.85E-07	8.22E-07	2.31E-06	2.64E-06	4.35E-06	1.01E-05	2.60E-07	2.05E-06	0.00E+00	2.11E-10	0.00E+00
Vermont	Bennington	50003	R	1,3-Butadiene	7.24E-03	9.91E-03	1.18E-02	1.40E-02	2.01E-02	1.58E-02	3.65E-02	6.50E-02	8.22E-08	9.18E-03	8.76E-03	2.14E-03	0.00E+00
Vermont	Bennington	50003	R	Cadmium Compounds	2.90E-06	3.11E-06	3.58E-06	5.65E-06	1.32E-05	2.37E-05	3.22E-05	3.36E-05	7.38E-06	5.84E-06	0.00E+00	2.93E-09	0.00E+00
Vermont	Bennington	50003	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	3.05E-07	4.59E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Bennington	50003	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.36E-02	8.61E-06	3.14E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Bennington	50003	R	Chromium Compounds	3.46E-05	3.57E-05	4.51E-05	8.06E-05	1.30E-04	2.14E-04	2.81E-04	3.48E-04	2.23E-05	8.43E-05	9.99E-06	1.29E-05	0.00E+00
Vermont	Bennington	50003	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
Vermont	Bennington	50003	R	1,3-Dichloropropene	3.11E-03	3.42E-03	5.24E-03	7.82E-03	1.73E-02	1.40E-02	3.37E-02	7.97E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	Diesel Particulate Matter	7.19E-01	7.19E-01	7.62E-01	8.41E-01	8.64E-01	9.40E-01	1.02E+00	1.18E+00	0.00E+00	0.00E+00	3.60E-01	5.04E-01	***
Vermont	Bennington	50003	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	7.94E-08	1.44E-07	0.00E+00	0.00E+00	7.70E-03
Vermont	Bennington	50003	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	1.72E-05	2.89E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Bennington	50003	R	Ethylene Oxide	8.48E-05	9.26E-05	1.25E-04	1.85E-04	3.80E-04	3.73E-04	6.72E-04	1.92E-03	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	Formaldehyde	3.92E-01	4.25E-01	4.38E-01	4.77E-01	5.07E-01	5.00E-01	6.50E-01	7.71E-01	1.99E-03	1.21E-01	7.58E-02	5.86E-02	2.50E-01
Vermont	Bennington	50003	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	2.47E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Bennington	50003	R	Hydrazine	1.48E-10	1.83E-10	4.84E-10	2.47E-09	1.01E-08	3.18E-09	7.37E-09	1.07E-07	8.08E-09	2.07E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	Lead Compounds	5.35E-05	8.67E-05	1.05E-04	1.74E-04	2.52E-04	3.47E-04	4.97E-04	6.76E-04	9.71E-05	1.07E-04	1.39E-05	3.46E-05	0.00E+00
Vermont	Bennington	50003	R	Manganese Compounds	2.06E-04	2.44E-04	2.76E-04	3.39E-04	3.99E-04	4.75E-04	6.20E-04	9.69E-04	1.25E-06	3.80E-04	4.03E-06	1.39E-05	0.00E+00
Vermont	Bennington	50003	R	Mercury Compounds	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.56E-03	1.59E-03	1.61E-03	1.61E-03	1.91E-05	3.58E-05	1.35E-07	3.70E-06	1.50E-03
Vermont	Bennington	50003	R	Methylene Chloride	1.63E-01	1.66E-01	1.68E-01	1.73E-01	1.87E-01	1.93E-01	2.11E-01	2.91E-01	4.97E-04	3.69E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Bennington	50003	R	Nickel Compounds	2.89E-05	3.00E-05	3.39E-05	7.66E-05	1.19E-04	1.69E-04	2.07E-04	4.28E-04	2.38E-05	8.04E-05	7.74E-06	6.71E-06	0.00E+00
Vermont	Bennington	50003	R	Perchloroethylene	1.45E-01	1.45E-01	1.46E-01	1.50E-01	1.60E-01	1.69E-01	1.76E-01	2.18E-01	5.88E-04	1.92E-02	0.00E+00	0.00E+00	1.40E-01
Vermont	Bennington	50003	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	1.71E-08	1.11E-07	0.00E+00	0.00E+00	3.80E-04
Vermont	Bennington	50003	R	Polycyclic Organic Matter	6.39E-03	6.78E-03	7.45E-03	1.03E-02	1.68E-02	1.49E-02	3.05E-02	6.12E-02	2.31E-04	1.65E-02	2.93E-05	1.31E-05	0.00E+00
Vermont	Bennington	50003	R	7-PAH	7.20E-04	7.69E-04	8.28E-04	1.05E-03	1.42E-03	1.23E-03	2.41E-03	4.15E-03	7.94E-08	1.39E-03	1.48E-05	6.23E-06	0.00E+00
Vermont	Bennington	50003	R	Propylene Dichloride	6.76E-06	7.90E-06	8.63E-06	2.44E-05	2.30E-05	3.13E-05	3.85E-05	5.02E-05	8.60E-06	1.44E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	Quinoline	4.28E-09	4.35E-09	1.29E-08	1.69E-08	1.90E-08	2.48E-08	3.47E-08	3.63E-08	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	1,1,2,2-Tetrachloroethane	5.91E-05	6.54E-05	7.47E-05	2.19E-04	2.05E-04	2.80E-04	3.46E-04	4.53E-04	7.88E-05	1.26E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Bennington	50003	R	Trichloroethylene	8.22E-02	8.24E-02	8.47E-02	8.79E-02	9.10E-02	9.75E-02	1.03E-01	1.13E-01	1.52E-04	9.87E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Bennington	50003	R	Vinyl Chloride													

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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
Vermont	Caledonia	50005	R	Benzene	5.74E-01	5.98E-01	6.27E-01	6.59E-01	6.64E-01	7.02E-01	7.25E-01	7.29E-01	4.88E-05	6.32E-02	6.80E-02	5.23E-02	4.80E-01
Vermont	Caledonia	50005	R	Beryllium Compounds	3.47E-07	3.60E-07	4.64E-07	7.07E-07	1.09E-06	1.70E-06	2.17E-06	2.18E-06	4.85E-08	1.04E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	1,3-Butadiene	7.51E-03	8.41E-03	9.71E-03	1.35E-02	1.52E-02	2.15E-02	2.28E-02	2.29E-02	0.00E+00	7.73E-03	5.93E-03	1.52E-03	0.00E+00
Vermont	Caledonia	50005	R	Cadmium Compounds	1.69E-06	1.96E-06	2.37E-06	3.78E-06	4.75E-06	6.83E-06	8.82E-06	8.86E-06	2.83E-07	4.47E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.04E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Caledonia	50005	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	0.00E+00	1.81E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Caledonia	50005	R	Chromium Compounds	1.97E-05	2.01E-05	2.71E-05	5.65E-05	7.61E-05	1.09E-04	1.68E-04	1.68E-04	7.13E-07	6.03E-05	7.17E-06	7.93E-06	0.00E+00
Vermont	Caledonia	50005	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
Vermont	Caledonia	50005	R	1,3-Dichloropropene	3.19E-03	3.22E-03	4.17E-03	5.90E-03	9.16E-03	1.52E-02	1.70E-02	1.71E-02	0.00E+00	9.16E-03	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	Diesel Particulate Matter	3.12E-01	3.34E-01	3.61E-01	3.89E-01	3.98E-01	4.42E-01	4.63E-01	4.69E-01	0.00E+00	0.00E+00	1.82E-01	2.16E-01	***
Vermont	Caledonia	50005	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	5.22E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Caledonia	50005	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	1.64E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Caledonia	50005	R	Ethylene Oxide	3.82E-05	5.01E-05	6.99E-05	1.06E-04	1.58E-04	2.22E-04	3.40E-04	3.41E-04	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	Formaldehyde	3.84E-01	3.95E-01	4.12E-01	4.43E-01	4.58E-01	5.14E-01	5.20E-01	5.26E-01	1.57E-05	1.20E-01	4.97E-02	3.74E-02	2.50E-01
Vermont	Caledonia	50005	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	3.21E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Caledonia	50005	R	Hydrazine	7.93E-12	1.49E-11	3.48E-11	5.63E-11	6.18E-11	7.87E-11	1.24E-10	1.68E-10	0.00E+00	6.18E-11	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	Lead Compounds	3.86E-05	4.56E-05	5.89E-05	9.01E-05	1.23E-04	1.78E-04	2.46E-04	2.46E-04	1.40E-05	9.95E-05	9.96E-06	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	Manganese Compounds	3.03E-04	3.43E-04	4.24E-04	9.23E-04	1.25E-03	1.74E-03	2.82E-03	2.82E-03	2.39E-06	1.24E-03	2.90E-06	8.68E-06	0.00E+00
Vermont	Caledonia	50005	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.63E-07	1.59E-05	9.77E-08	2.27E-06	1.50E-03
Vermont	Caledonia	50005	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.62E-01	1.68E-01	1.77E-01	1.89E-01	1.89E-01	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Caledonia	50005	R	Nickel Compounds	1.77E-05	1.81E-05	2.57E-05	4.90E-05	7.00E-05	9.92E-05	1.56E-04	1.56E-04	9.28E-07	5.98E-05	5.58E-06	3.69E-06	0.00E+00
Vermont	Caledonia	50005	R	Perchloroethylene	1.42E-01	1.43E-01	1.43E-01	1.45E-01	1.47E-01	1.51E-01	1.54E-01	1.54E-01	0.00E+00	7.13E-03	0.00E+00	0.00E+00	1.40E-01
Vermont	Caledonia	50005	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
Vermont	Caledonia	50005	R	Polycyclic Organic Matter	5.33E-03	5.57E-03	6.94E-03	8.61E-03	1.13E-02	1.67E-02	1.86E-02	1.88E-02	0.00E+00	1.12E-02	1.39E-05	2.79E-05	0.00E+00
Vermont	Caledonia	50005	R	7-PAH	6.29E-04	6.69E-04	7.53E-04	9.15E-04	1.05E-03	1.43E-03	1.47E-03	1.49E-03	0.00E+00	1.03E-03	7.48E-06	1.43E-05	0.00E+00
Vermont	Caledonia	50005	R	Propylene Dichloride	4.12E-06	4.21E-06	5.18E-06	5.45E-06	5.78E-06	6.86E-06	7.51E-06	7.51E-06	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	Quinoline	1.99E-10	4.90E-10	1.04E-09	1.63E-09	1.70E-09	2.06E-09	3.15E-09	3.77E-09	0.00E+00	1.70E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	1,1,2,2-Tetrachloroethane	3.52E-05	3.60E-05	4.52E-05	4.76E-05	5.02E-05	5.96E-05	6.52E-05	6.53E-05	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Caledonia	50005	R	Trichloroethylene	8.15E-02	8.17E-02	8.20E-02	8.27E-02	8.36E-02	8.46E-02	8.70E-02	8.70E-02	0.00E+00	2.62E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Caledonia	50005	R	Vinyl Chloride	8.68E-05	8.88E-05	1.11E-04	1.17E-04	1.24E-04	1.47E-04	1.61E-04	1.61E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	Acetaldehyde	3.21E-01	3.22E-01	4.17E-01	5.19E-01	5.12E-01	6.10E-01	6.52E-01	6.60E-01	0.00E+00	3.14E-02	3.46E-01	1.35E-01	0.00E+00
Vermont	Chittenden	50007	R	Acrolein	6.04E-02	6.38E-02	8.03E-02	9.55E-02	1.02E-01	1.19E-01	1.44E-01	1.52E-01	0.00E+00	2.15E-02	4.89E-02	3.19E-02	0.00E+00
Vermont	Chittenden	50007	R	Acrylonitrile	1.72E-04	1.76E-04	2.09E-04	2.51E-04	2.46E-04	2.77E-04	2.89E-04	3.16E-04	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	Arsenic Compounds	6.78E-06	8.61E-06	1.27E-05	3.73E-05	5.74E-05	9.98E-05	1.37E-04	1.45E-04	0.00E+00	5.71E-05	3.05E-07	1.65E-11	0.00E+00
Vermont	Chittenden	50007	R	Benzene	9.70E-01	9.79E-01	1.11E+00	1.33E+00	1.39E+00	1.53E+00	2.02E+00	2.10E+00	0.00E+00	4.31E-02	5.75E-01	2.93E-01	4.80E-01
Vermont	Chittenden	50007	R	Beryllium Compounds	1.31E-06	1.95E-06	2.43E-06	8.48E-06	1.10E-05	1.69E-05	2.55E-05	2.96E-05	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	1,3-Butadiene	3.33E-02	3.93E-02	4.91E-02	7.69E-02	9.13E-02	1.21E-01	1.77E-01	1.93E-01	0.00E+00	3.21E-03	6.56E-02	2.25E-02	0.00E+00
Vermont	Chittenden	50007	R	Cadmium Compounds	8.04E-06	9.32E-06	1.12E-05	2.06E-05	2.75E-05	4.30E-05	5.66E-05	5.71E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	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	1.08E-04	0.00E+00	0.00E+00	8.80E-01
Vermont	Chittenden	50007	R	Chloroform	8.35E-02	8.35E-02	8.37E-02	8.39E-02	8.40E-02	8.42E-02	8.46E-02	8.49E-02	0.00E+00	9.66E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Chittenden	50007	R	Chromium Compounds	3.76E-05	4.00E-05	5.78E-05	8.71E-05	1.17E-04	1.67E-04	2.22E-04	2.32E-04	0.00E+00	7.14E-05	1.96E-05	2.63E-05	0.00E+00
Vermont	Chittenden	50007	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
Vermont	Chittenden	50007	R	1,3-Dichloropropene	1.17E-02	1.25E-02	2.16E-02	6.53E-02	8.14E-02	1.19E-01	2.00E-01	2.75E-01	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	Diesel Particulate Matter	5.48E-01	5.57E-01	6.66E-01	9.11E-01	1.06E+00	1.41E+00	1.82E+00	1.86E+00	0.00E+00	0.00E+00	4.43E-01	6.18E-01	***
Vermont	Chittenden	50007	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	2.61E-07	0.00E+00	0.00E+00	7.70E-03
Vermont	Chittenden	50007	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	3.55E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Chittenden	50007	R	Ethylene Oxide	2.57E-05	3.38E-05	3.71E-05	4.97E-05	4.74E-05	5.59E-05	6.01E-05	6.38E-05	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	Formaldehyde	5.83E-01	6.											

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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
Vermont	Chittenden	50007	R	Mercury Compounds	1.56E-03	1.57E-03	1.60E-03	1.60E-03	1.61E-03	1.65E-03	1.66E-03	1.67E-03	0.00E+00	1.05E-04	2.68E-07	7.43E-06	1.50E-03
Vermont	Chittenden	50007	R	Methylene Chloride	1.70E-01	1.83E-01	1.92E-01	2.78E-01	3.32E-01	4.79E-01	5.75E-01	5.86E-01	1.40E-04	1.81E-01	0.00E+00	0.00E+00	1.50E-01
Vermont	Chittenden	50007	R	Nickel Compounds	7.80E-05	9.69E-05	1.70E-04	4.90E-04	9.02E-04	1.59E-03	2.18E-03	2.30E-03	0.00E+00	8.75E-04	1.51E-05	1.26E-05	0.00E+00
Vermont	Chittenden	50007	R	Perchloroethylene	1.53E-01	1.58E-01	1.66E-01	2.32E-01	2.54E-01	3.28E-01	4.18E-01	4.78E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	1.40E-01
Vermont	Chittenden	50007	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
Vermont	Chittenden	50007	R	Polycyclic Organic Matter	1.49E-02	1.51E-02	2.10E-02	5.10E-02	6.07E-02	8.63E-02	1.41E-01	1.89E-01	0.00E+00	6.04E-02	1.01E-04	2.04E-04	0.00E+00
Vermont	Chittenden	50007	R	7-PAH	9.32E-04	1.14E-03	1.46E-03	2.83E-03	3.35E-03	4.56E-03	7.25E-03	9.79E-03	0.00E+00	3.21E-03	5.54E-05	7.76E-05	0.00E+00
Vermont	Chittenden	50007	R	Propylene Dichloride	1.05E-05	1.15E-05	1.36E-05	1.54E-05	1.56E-05	1.75E-05	1.89E-05	1.96E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	Quinoline	1.83E-08	2.17E-08	3.34E-08	7.85E-08	1.73E-07	3.00E-07	4.23E-07	4.93E-07	0.00E+00	1.73E-07	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	1,1,2,2-Tetrachloroethane	8.21E-05	8.25E-05	1.02E-04	1.22E-04	1.28E-04	1.37E-04	1.55E-04	2.13E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Chittenden	50007	R	Trichloroethylene	8.42E-02	8.55E-02	8.86E-02	1.06E-01	1.19E-01	1.57E-01	1.69E-01	1.76E-01	0.00E+00	3.82E-02	0.00E+00	0.00E+00	8.10E-02
Vermont	Chittenden	50007	R	Vinyl Chloride	2.10E-04	2.14E-04	2.52E-04	3.05E-04	3.00E-04	3.38E-04	3.51E-04	3.85E-04	9.20E-08	3.00E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Acetaldehyde	4.80E-02	4.80E-02	5.00E-02	5.39E-02	5.54E-02	6.08E-02	6.58E-02	6.58E-02	2.34E-05	2.38E-02	2.30E-02	8.61E-03	0.00E+00
Vermont	Essex	50009	R	Acrolein	3.68E-02	3.68E-02	3.77E-02	3.98E-02	3.96E-02	4.16E-02	4.21E-02	4.21E-02	0.00E+00	3.44E-02	3.19E-03	2.05E-03	0.00E+00
Vermont	Essex	50009	R	Acrylonitrile	8.43E-05	8.43E-05	8.43E-05	9.78E-05	9.94E-05	1.15E-04	1.18E-04	1.18E-04	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Arsenic Compounds	3.16E-06	3.16E-06	4.12E-06	5.50E-06	5.26E-06	6.40E-06	6.88E-06	6.88E-06	2.51E-06	2.71E-06	4.36E-08	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Benzene	5.74E-01	5.74E-01	5.79E-01	5.85E-01	5.89E-01	5.98E-01	6.09E-01	6.09E-01	1.40E-04	6.44E-02	2.39E-02	2.01E-02	4.80E-01
Vermont	Essex	50009	R	Beryllium Compounds	3.56E-07	3.56E-07	3.79E-07	4.09E-07	4.28E-07	4.77E-07	5.38E-07	5.38E-07	1.31E-07	2.97E-07	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	1,3-Butadiene	9.52E-03	9.52E-03	1.13E-02	1.30E-02	1.33E-02	1.54E-02	1.78E-02	1.78E-02	0.00E+00	1.11E-02	1.63E-03	5.97E-04	0.00E+00
Vermont	Essex	50009	R	Cadmium Compounds	1.37E-06	1.37E-06	1.64E-06	1.96E-06	1.97E-06	2.30E-06	2.60E-06	2.60E-06	7.51E-07	1.22E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	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	1.26E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Essex	50009	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.36E-02	8.41E-02	8.51E-02	8.51E-02	5.15E-04	7.52E-05	0.00E+00	0.00E+00	8.30E-02
Vermont	Essex	50009	R	Chromium Compounds	1.12E-05	1.12E-05	1.23E-05	1.46E-05	1.53E-05	1.84E-05	2.10E-05	2.10E-05	1.93E-06	8.07E-06	2.75E-06	2.60E-06	0.00E+00
Vermont	Essex	50009	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
Vermont	Essex	50009	R	1,3-Dichloropropene	1.32E-03	1.32E-03	1.77E-03	2.66E-03	2.50E-03	3.23E-03	3.36E-03	3.36E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Diesel Particulate Matter	2.10E-01	2.10E-01	2.21E-01	2.61E-01	2.66E-01	3.12E-01	3.34E-01	3.34E-01	0.00E+00	0.00E+00	1.17E-01	1.49E-01	***
Vermont	Essex	50009	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	5.50E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Essex	50009	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	1.23E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Essex	50009	R	Ethylene Oxide	1.75E-05	1.75E-05	2.11E-05	4.60E-05	4.91E-05	7.72E-05	8.70E-05	8.70E-05	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Formaldehyde	4.03E-01	4.03E-01	4.10E-01	4.25E-01	4.25E-01	4.39E-01	4.46E-01	4.46E-01	5.59E-05	1.41E-01	1.98E-02	1.42E-02	2.50E-01
Vermont	Essex	50009	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	9.25E-09	0.00E+00	0.00E+00	9.30E-05
Vermont	Essex	50009	R	Hydrazine	3.92E-11	3.92E-11	6.05E-11	9.47E-11	9.12E-11	1.22E-10	1.36E-10	1.36E-10	0.00E+00	9.12E-11	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Lead Compounds	3.79E-05	3.79E-05	5.19E-05	6.71E-05	6.77E-05	8.34E-05	9.88E-05	9.88E-05	3.85E-05	2.54E-05	3.77E-06	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Manganese Compounds	1.29E-04	1.29E-04	1.80E-04	2.82E-04	3.03E-04	4.26E-04	5.19E-04	5.19E-04	6.37E-06	2.92E-04	1.08E-06	2.87E-06	0.00E+00
Vermont	Essex	50009	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	4.15E-07	4.81E-06	3.73E-08	7.57E-07	1.50E-03
Vermont	Essex	50009	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.55E-01	1.56E-01	1.58E-01	1.60E-01	1.60E-01	0.00E+00	5.52E-03	0.00E+00	0.00E+00	1.50E-01
Vermont	Essex	50009	R	Nickel Compounds	1.44E-05	1.44E-05	1.69E-05	2.12E-05	2.80E-05	3.90E-05	5.51E-05	5.51E-05	2.49E-06	2.22E-05	2.13E-06	1.19E-06	0.00E+00
Vermont	Essex	50009	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	2.11E-03	0.00E+00	0.00E+00	1.40E-01
Vermont	Essex	50009	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
Vermont	Essex	50009	R	Polycyclic Organic Matter	5.87E-03	5.87E-03	5.89E-03	6.61E-03	6.75E-03	7.62E-03	7.93E-03	7.93E-03	0.00E+00	6.74E-03	8.10E-06	1.06E-05	0.00E+00
Vermont	Essex	50009	R	7-PAH	8.45E-04	8.45E-04	9.00E-04	9.67E-04	9.82E-04	1.06E-03	1.15E-03	1.15E-03	0.00E+00	9.73E-04	4.05E-06	5.40E-06	0.00E+00
Vermont	Essex	50009	R	Propylene Dichloride	5.02E-06	5.02E-06	5.02E-06	5.82E-06	5.91E-06	6.80E-06	6.99E-06	6.99E-06	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Quinoline	1.06E-09	1.06E-09	1.43E-09	1.96E-09	1.84E-09	2.25E-09	2.38E-09	2.38E-09	0.00E+00	1.84E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	1,1,2,2-Tetrachloroethane	4.48E-05	4.48E-05	4.49E-05	5.21E-05	5.29E-05	6.09E-05	6.26E-05	6.26E-05	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Essex	50009	R	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.17E-02	8.17E-02	8.19E-02	8.20E-02	8.20E-02	0.00E+00	6.53E-04	0.00E+00	0.00E+00	8.10E-02
Vermont	Essex	50009	R	Vinyl Chloride	1.11E-04	1.11E-04	1.11E-04	1.28E-04	1.30E-04	1.50E-04	1.54E-04	1.54E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	R	Acetaldehyde	5.53E-02	6.81E-02	1.15E-01	2.02E-01	2.06E-01	3.11E-01	3.57E-01	3.60E-01	0.00E+00	2.39E-02	1.28E-01	5.33E-02	0.00E+00
Vermont	Franklin	50011	R	Acrolein	2.30E-02	2.39E-02	2.60E-02	3.74E-02	4.78E-02	6.22E-02	9.23E-02	9.87E-02	0.00E+00	2.23E-02	1.58E-02	9.71E-03	0.00E+00
Vermont	Frank																

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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
Vermont	Franklin	50011	R	1,3-Butadiene	7.17E-03	8.19E-03	1.03E-02	1.20E-02	2.32E-02	1.75E-02	6.90E-02	7.88E-02	0.00E+00	9.26E-03	1.15E-02	2.44E-03	0.00E+00
Vermont	Franklin	50011	R	Cadmium Compounds	1.84E-06	1.94E-06	2.29E-06	3.90E-06	6.06E-06	5.74E-06	1.59E-05	1.87E-05	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	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	4.23E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Franklin	50011	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	8.37E-02	8.39E-02	0.00E+00	3.82E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Franklin	50011	R	Chromium Compounds	8.44E-06	1.06E-05	1.34E-05	2.28E-05	3.38E-05	3.34E-05	8.98E-05	1.04E-04	0.00E+00	1.14E-05	6.18E-06	1.62E-05	0.00E+00
Vermont	Franklin	50011	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
Vermont	Franklin	50011	R	1,3-Dichloropropene	3.28E-03	3.76E-03	5.27E-03	1.07E-02	2.27E-02	1.50E-02	7.92E-02	9.85E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	R	Diesel Particulate Matter	2.59E-01	2.61E-01	2.76E-01	3.46E-01	3.84E-01	4.32E-01	6.06E-01	6.95E-01	0.00E+00	0.00E+00	1.83E-01	2.02E-01	***
Vermont	Franklin	50011	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	3.72E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Franklin	50011	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	4.96E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Franklin	50011	R	Ethylene Oxide	2.28E-05	2.49E-05	2.82E-05	5.12E-05	3.38E-04	7.23E-05	1.51E-03	1.63E-03	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	R	Formaldehyde	3.80E-01	3.82E-01	3.85E-01	4.82E-01	5.43E-01	6.13E-01	8.68E-01	9.18E-01	2.18E-07	9.64E-02	1.08E-01	8.83E-02	2.50E-01
Vermont	Franklin	50011	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	7.66E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Franklin	50011	R	Hydrazine	4.42E-11	5.97E-11	9.10E-11	2.72E-10	2.49E-10	3.17E-10	4.75E-10	5.85E-10	0.00E+00	2.49E-10	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	R	Lead Compounds	2.57E-05	2.81E-05	3.50E-05	6.93E-04	6.30E-04	9.79E-04	1.30E-03	1.52E-03	0.00E+00	8.34E-05	8.62E-06	5.38E-04	0.00E+00
Vermont	Franklin	50011	R	Manganese Compounds	1.33E-04	1.49E-04	2.59E-04	3.26E-04	4.82E-04	8.39E-04	1.06E-03	1.25E-03	0.00E+00	4.62E-04	2.49E-06	1.73E-05	0.00E+00
Vermont	Franklin	50011	R	Mercury Compounds	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	0.00E+00	3.15E-05	8.45E-08	4.66E-06	1.50E-03
Vermont	Franklin	50011	R	Methylene Chloride	1.61E-01	1.61E-01	1.62E-01	1.73E-01	2.03E-01	1.80E-01	3.40E-01	3.75E-01	3.53E-03	4.97E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Franklin	50011	R	Nickel Compounds	1.93E-05	2.34E-05	4.22E-05	5.00E-05	1.22E-04	6.94E-05	4.25E-04	5.21E-04	0.00E+00	1.09E-04	4.77E-06	7.33E-06	0.00E+00
Vermont	Franklin	50011	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.49E-01	1.58E-01	1.54E-01	2.02E-01	2.15E-01	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.40E-01
Vermont	Franklin	50011	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
Vermont	Franklin	50011	R	Polycyclic Organic Matter	5.43E-03	5.44E-03	5.54E-03	1.06E-02	2.13E-02	1.43E-02	7.07E-02	8.46E-02	0.00E+00	2.12E-02	2.47E-05	3.54E-05	0.00E+00
Vermont	Franklin	50011	R	7-PAH	4.42E-04	4.88E-04	6.44E-04	8.11E-04	1.40E-03	1.01E-03	4.15E-03	4.84E-03	0.00E+00	1.38E-03	1.35E-05	1.47E-05	0.00E+00
Vermont	Franklin	50011	R	Propylene Dichloride	1.18E-06	1.26E-06	2.31E-06	4.05E-06	3.87E-06	4.33E-06	6.92E-06	7.39E-06	0.00E+00	3.87E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	R	Quinoline	1.43E-09	1.72E-09	3.27E-09	7.42E-09	6.45E-09	8.28E-09	1.10E-08	1.29E-08	0.00E+00	6.45E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	R	1,1,2,2-Tetrachloroethane	7.71E-06	8.44E-06	1.82E-05	3.23E-05	3.11E-05	3.57E-05	5.70E-05	6.13E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Franklin	50011	R	Trichloroethylene	8.18E-02	8.19E-02	8.26E-02	8.31E-02	8.70E-02	8.40E-02	1.04E-01	1.07E-01	0.00E+00	6.05E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Franklin	50011	R	Vinyl Chloride	1.91E-05	2.09E-05	4.49E-05	7.95E-05	7.66E-05	8.76E-05	1.40E-04	1.51E-04	2.74E-08	7.66E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	Acetaldehyde	9.55E-02	9.55E-02	9.55E-02	1.18E-01	1.18E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.07E-02	7.18E-02	3.54E-02	0.00E+00
Vermont	Grand Isle	50013	R	Acrolein	1.99E-02	1.99E-02	1.99E-02	2.36E-02	2.36E-02	2.72E-02	2.72E-02	2.72E-02	0.00E+00	9.60E-03	8.57E-03	5.41E-03	0.00E+00
Vermont	Grand Isle	50013	R	Acrylonitrile	1.09E-04	1.09E-04	1.09E-04	1.18E-04	1.18E-04	1.28E-04	1.28E-04	1.28E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	Arsenic Compounds	1.95E-06	1.95E-06	1.95E-06	2.53E-06	2.53E-06	3.10E-06	3.10E-06	3.10E-06	0.00E+00	2.47E-06	6.21E-08	3.52E-11	0.00E+00
Vermont	Grand Isle	50013	R	Benzene	6.06E-01	6.06E-01	6.06E-01	6.23E-01	6.23E-01	6.39E-01	6.39E-01	6.39E-01	0.00E+00	1.76E-02	5.85E-02	6.65E-02	4.80E-01
Vermont	Grand Isle	50013	R	Beryllium Compounds	5.32E-07	5.32E-07	5.32E-07	6.68E-07	6.68E-07	8.04E-07	8.04E-07	8.04E-07	0.00E+00	6.68E-07	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	1,3-Butadiene	8.13E-03	8.13E-03	8.13E-03	8.28E-03	8.28E-03	8.42E-03	8.42E-03	8.42E-03	0.00E+00	1.92E-03	3.13E-03	3.22E-03	0.00E+00
Vermont	Grand Isle	50013	R	Cadmium Compounds	1.41E-06	1.41E-06	1.41E-06	1.88E-06	1.88E-06	2.35E-06	2.35E-06	2.35E-06	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	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	2.51E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Grand Isle	50013	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.71E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Grand Isle	50013	R	Chromium Compounds	1.12E-05	1.12E-05	1.12E-05	1.33E-05	1.33E-05	1.55E-05	1.55E-05	1.55E-05	0.00E+00	3.59E-06	3.97E-06	5.75E-06	0.00E+00
Vermont	Grand Isle	50013	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
Vermont	Grand Isle	50013	R	1,3-Dichloropropene	4.99E-03	4.99E-03	4.99E-03	6.27E-03	6.27E-03	7.55E-03	7.55E-03	7.55E-03	0.00E+00	6.27E-03	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	Diesel Particulate Matter	2.31E-01	2.31E-01	2.31E-01	2.49E-01	2.49E-01	2.68E-01	2.68E-01	2.68E-01	0.00E+00	0.00E+00	1.21E-01	1.28E-01	***
Vermont	Grand Isle	50013	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	7.69E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Grand Isle	50013	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	0.00E+00	1.37E-04	0.00E+00	0.00E+00	6.10E-02
Vermont	Grand Isle	50013	R	Ethylene Oxide	8.89E-06	8.89E-06	8.89E-06	9.01E-06	9.01E-06	9.13E-06	9.13E-06	9.13E-06	0.00E+00	9.01E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	Formaldehyde	3.68E-01	3.68E-01	3.68E-01	3.88E-01	3.88E-01	4.07E-01	4.07E-01	4.07E-01	1.36E-06	3.63E-02	5.61E-02	4.52E-02	2.50E-01
Vermont	Grand Isle	50013	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	3.32E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Grand Isle	50013	R	Hydrazine	9.70E-10	9.70E-10	9.70E-10	1.23E-09	1.23E-09	1.50E-09	1.50E-09	1.50E-09	0.00E+00	1.23E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	Lead Compounds	9.56E-05												

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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
Vermont	Grand Isle	50013	R	Nickel Compounds	2.43E-05	2.43E-05	2.43E-05	3.06E-05	3.06E-05	3.69E-05	3.69E-05	3.69E-05	0.00E+00	2.49E-05	3.08E-06	2.64E-06	0.00E+00
Vermont	Grand Isle	50013	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.45E-01	1.45E-01	1.46E-01	1.46E-01	1.46E-01	0.00E+00	5.22E-03	0.00E+00	0.00E+00	1.40E-01
Vermont	Grand Isle	50013	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	9.02E-11	0.00E+00	0.00E+00	3.80E-04
Vermont	Grand Isle	50013	R	Polycyclic Organic Matter	5.34E-03	5.34E-03	5.34E-03	6.41E-03	6.41E-03	7.48E-03	7.48E-03	7.48E-03	0.00E+00	6.36E-03	1.54E-05	3.50E-05	0.00E+00
Vermont	Grand Isle	50013	R	7-PAH	4.56E-04	4.56E-04	4.56E-04	5.12E-04	5.12E-04	5.67E-04	5.67E-04	5.67E-04	0.00E+00	4.87E-04	7.87E-06	1.65E-05	0.00E+00
Vermont	Grand Isle	50013	R	Propylene Dichloride	6.47E-06	6.47E-06	6.47E-06	7.08E-06	7.08E-06	7.68E-06	7.68E-06	7.68E-06	0.00E+00	7.08E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	Quinoline	1.55E-08	1.55E-08	1.55E-08	1.73E-08	1.73E-08	1.90E-08	1.90E-08	1.90E-08	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	1,1,2,2-Tetrachloroethane	5.60E-05	5.60E-05	5.60E-05	6.12E-05	6.12E-05	6.65E-05	6.65E-05	6.65E-05	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Grand Isle	50013	R	Trichloroethylene	8.21E-02	8.21E-02	8.21E-02	8.24E-02	8.24E-02	8.27E-02	8.27E-02	8.27E-02	0.00E+00	1.39E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Grand Isle	50013	R	Vinyl Chloride	1.38E-04	1.38E-04	1.38E-04	1.51E-04	1.51E-04	1.64E-04	1.64E-04	1.64E-04	1.58E-07	1.51E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Acetaldehyde	9.36E-02	9.36E-02	1.01E-01	1.27E-01	1.24E-01	1.35E-01	1.51E-01	1.51E-01	0.00E+00	2.10E-02	7.88E-02	2.41E-02	0.00E+00
Vermont	Lamoille	50015	R	Acrolein	3.47E-02	3.47E-02	3.65E-02	4.07E-02	4.08E-02	4.48E-02	4.71E-02	4.71E-02	0.00E+00	2.61E-02	1.00E-02	4.69E-03	0.00E+00
Vermont	Lamoille	50015	R	Acrylonitrile	6.74E-05	6.74E-05	7.04E-05	8.08E-05	8.60E-05	9.42E-05	1.19E-04	1.19E-04	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Arsenic Compounds	3.00E-06	3.00E-06	3.54E-06	6.67E-06	7.13E-06	8.77E-06	1.43E-05	1.43E-05	0.00E+00	7.04E-06	9.39E-08	1.47E-13	0.00E+00
Vermont	Lamoille	50015	R	Benzene	5.96E-01	5.96E-01	6.15E-01	6.50E-01	6.38E-01	6.55E-01	6.55E-01	6.55E-01	0.00E+00	4.66E-02	7.50E-02	3.67E-02	4.80E-01
Vermont	Lamoille	50015	R	Beryllium Compounds	4.40E-07	4.40E-07	5.18E-07	8.29E-07	8.19E-07	1.13E-06	1.20E-06	1.20E-06	0.00E+00	8.19E-07	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	1,3-Butadiene	9.79E-03	9.79E-03	9.84E-03	1.22E-02	1.28E-02	1.48E-02	1.88E-02	1.88E-02	0.00E+00	6.65E-03	4.89E-03	1.25E-03	0.00E+00
Vermont	Lamoille	50015	R	Cadmium Compounds	2.24E-06	2.24E-06	2.31E-06	3.63E-06	3.65E-06	4.51E-06	5.72E-06	5.72E-06	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.67E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Lamoille	50015	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	2.33E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Lamoille	50015	R	Chromium Compounds	1.48E-05	1.48E-05	1.74E-05	2.55E-05	2.53E-05	3.09E-05	3.71E-05	3.71E-05	0.00E+00	1.21E-05	5.88E-06	7.29E-06	0.00E+00
Vermont	Lamoille	50015	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
Vermont	Lamoille	50015	R	1,3-Dichloropropene	4.19E-03	4.19E-03	4.87E-03	6.94E-03	6.98E-03	8.67E-03	1.02E-02	1.02E-02	0.00E+00	6.98E-03	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Diesel Particulate Matter	3.16E-01	3.16E-01	3.49E-01	3.66E-01	3.59E-01	3.79E-01	3.80E-01	3.80E-01	0.00E+00	0.00E+00	1.70E-01	1.88E-01	***
Vermont	Lamoille	50015	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	4.40E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Lamoille	50015	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	9.78E-06	0.00E+00	0.00E+00	6.10E-02
Vermont	Lamoille	50015	R	Ethylene Oxide	4.45E-05	4.45E-05	6.06E-05	8.27E-05	9.70E-05	1.52E-04	1.76E-04	1.76E-04	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Formaldehyde	4.20E-01	4.20E-01	4.28E-01	4.61E-01	4.59E-01	4.77E-01	4.94E-01	4.94E-01	0.00E+00	1.02E-01	6.63E-02	4.02E-02	2.50E-01
Vermont	Lamoille	50015	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	2.44E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Lamoille	50015	R	Hydrazine	6.03E-11	6.03E-11	6.65E-11	7.68E-11	8.91E-11	1.08E-10	1.60E-10	1.60E-10	0.00E+00	8.91E-11	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Lead Compounds	4.33E-05	4.33E-05	1.12E-04	1.36E-04	1.86E-04	2.83E-04	3.86E-04	3.86E-04	0.00E+00	6.92E-05	8.11E-06	1.08E-04	0.00E+00
Vermont	Lamoille	50015	R	Manganese Compounds	4.26E-04	4.26E-04	6.23E-04	9.73E-04	1.21E-03	1.30E-03	3.16E-03	3.16E-03	0.00E+00	1.20E-03	2.35E-06	8.16E-06	0.00E+00
Vermont	Lamoille	50015	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	1.87E-05	7.99E-08	2.09E-06	1.50E-03
Vermont	Lamoille	50015	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.62E-01	1.63E-01	1.67E-01	1.70E-01	1.70E-01	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Lamoille	50015	R	Nickel Compounds	2.04E-05	2.04E-05	2.19E-05	3.51E-05	3.91E-05	5.07E-05	6.99E-05	6.99E-05	0.00E+00	3.11E-05	4.58E-06	3.46E-06	0.00E+00
Vermont	Lamoille	50015	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.48E-01	1.48E-01	1.50E-01	1.51E-01	1.51E-01	0.00E+00	7.86E-03	0.00E+00	0.00E+00	1.40E-01
Vermont	Lamoille	50015	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
Vermont	Lamoille	50015	R	Polycyclic Organic Matter	6.49E-03	6.49E-03	7.01E-03	8.60E-03	8.79E-03	1.06E-02	1.09E-02	1.09E-02	0.00E+00	8.76E-03	1.30E-05	1.89E-05	0.00E+00
Vermont	Lamoille	50015	R	7-PAH	7.26E-04	7.26E-04	7.41E-04	8.46E-04	8.91E-04	1.04E-03	1.12E-03	1.12E-03	0.00E+00	8.74E-04	7.19E-06	8.96E-06	0.00E+00
Vermont	Lamoille	50015	R	Propylene Dichloride	3.81E-06	3.81E-06	4.00E-06	4.58E-06	4.89E-06	5.40E-06	6.74E-06	6.74E-06	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Quinoline	2.30E-09	2.30E-09	2.35E-09	2.43E-09	2.78E-09	3.01E-09	4.54E-09	4.54E-09	0.00E+00	2.78E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	1,1,2,2-Tetrachloroethane	3.19E-05	3.19E-05	3.34E-05	3.86E-05	4.12E-05	4.50E-05	5.73E-05	5.73E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Lamoille	50015	R	Trichloroethylene	8.20E-02	8.20E-02	8.20E-02	8.29E-02	8.32E-02	8.39E-02	8.56E-02	8.56E-02	0.00E+00	2.21E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Lamoille	50015	R	Vinyl Chloride	7.85E-05	7.85E-05	8.21E-05	9.51E-05	1.01E-04	1.11E-04	1.41E-04	1.41E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	Acetaldehyde	1.08E-01	1.08E-01	1.11E-01	1.20E-01	1.29E-01	1.40E-01	1.64E-01	1.64E-01	0.00E+00	2.24E-02	5.72E-02	4.94E-02	0.00E+00
Vermont	Orange	50017	R	Acrolein	4.87E-02	4.87E-02	5.22E-02	5.56E-02	5.83E-02	6.04E-02	7.52E-02	7.52E-02	0.00E+00	2.88E-02	7.96E-03	2.15E-02	0.00E+00
Vermont	Orange	50017	R	Acrylonitrile	1.16E-04	1.16E-04	1.32E-04	1.52E-04	1.61E-04	1.95E-04	2.12E-04	2.12E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	Arsenic Compounds	2.42E-06	2.42E-06	2.86E-06	7.95E-06	6.58E-06	9.68E-06	1.19E-05						

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Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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
Vermont	Orange	50017	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	2.76E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Orange	50017	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.81E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Orange	50017	R	Chromium Compounds	2.01E-05	2.01E-05	2.55E-05	3.34E-05	3.25E-05	3.70E-05	5.00E-05	5.00E-05	0.00E+00	1.77E-05	6.61E-06	8.27E-06	0.00E+00
Vermont	Orange	50017	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
Vermont	Orange	50017	R	1,3-Dichloropropene	4.47E-03	4.47E-03	5.48E-03	7.18E-03	7.09E-03	8.40E-03	1.03E-02	1.03E-02	0.00E+00	7.09E-03	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	Diesel Particulate Matter	4.34E-01	4.34E-01	4.73E-01	4.77E-01	4.95E-01	5.18E-01	5.65E-01	5.65E-01	0.00E+00	0.00E+00	2.22E-01	2.73E-01	***
Vermont	Orange	50017	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	8.71E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Orange	50017	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	2.21E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Orange	50017	R	Ethylene Oxide	7.64E-05	7.64E-05	9.54E-05	1.43E-04	2.11E-04	2.01E-04	7.08E-04	7.08E-04	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	Formaldehyde	4.47E-01	4.47E-01	4.66E-01	4.91E-01	5.02E-01	5.06E-01	6.12E-01	6.12E-01	0.00E+00	1.13E-01	5.05E-02	8.88E-02	2.50E-01
Vermont	Orange	50017	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	2.46E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Orange	50017	R	Hydrazine	5.21E-12	5.21E-12	2.78E-11	4.21E-11	1.04E-10	1.22E-10	3.13E-10	3.13E-10	0.00E+00	1.04E-10	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	Lead Compounds	3.19E-05	3.19E-05	8.37E-05	1.25E-04	1.33E-04	1.78E-04	3.06E-04	3.06E-04	0.00E+00	5.13E-05	9.12E-06	7.22E-05	0.00E+00
Vermont	Orange	50017	R	Manganese Compounds	1.93E-04	1.93E-04	2.84E-04	4.17E-04	7.18E-04	1.23E-03	1.46E-03	1.46E-03	0.00E+00	7.06E-04	2.63E-06	8.94E-06	0.00E+00
Vermont	Orange	50017	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	1.65E-05	8.99E-08	2.38E-06	1.50E-03
Vermont	Orange	50017	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.61E-01	1.65E-01	1.71E-01	1.81E-01	1.81E-01	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Orange	50017	R	Nickel Compounds	2.10E-05	2.10E-05	3.20E-05	3.60E-05	5.37E-05	6.41E-05	1.41E-04	1.41E-04	0.00E+00	4.48E-05	5.14E-06	3.76E-06	0.00E+00
Vermont	Orange	50017	R	Perchloroethylene	1.44E-01	1.44E-01	1.46E-01	1.49E-01	1.49E-01	1.50E-01	1.59E-01	1.59E-01	9.00E-06	8.65E-03	0.00E+00	0.00E+00	1.40E-01
Vermont	Orange	50017	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
Vermont	Orange	50017	R	Polycyclic Organic Matter	6.55E-03	6.55E-03	7.84E-03	1.06E-02	9.96E-03	1.13E-02	1.38E-02	1.38E-02	0.00E+00	9.66E-03	1.65E-05	2.87E-04	0.00E+00
Vermont	Orange	50017	R	7-PAH	8.01E-04	8.01E-04	9.17E-04	1.10E-03	1.12E-03	1.20E-03	1.58E-03	1.58E-03	0.00E+00	9.61E-04	8.58E-06	1.48E-04	0.00E+00
Vermont	Orange	50017	R	Propylene Dichloride	6.82E-06	6.82E-06	7.69E-06	8.95E-06	9.48E-06	1.14E-05	1.25E-05	1.25E-05	0.00E+00	9.48E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	Quinoline	1.19E-10	1.19E-10	4.64E-10	1.58E-09	2.52E-09	2.36E-09	7.31E-09	7.31E-09	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	1,1,2,2-Tetrachloroethane	6.06E-05	6.06E-05	6.78E-05	7.95E-05	8.41E-05	1.01E-04	1.12E-04	1.12E-04	0.00E+00	8.41E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Orange	50017	R	Trichloroethylene	8.20E-02	8.20E-02	8.22E-02	8.26E-02	8.36E-02	8.39E-02	8.91E-02	8.91E-02	0.00E+00	2.56E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Orange	50017	R	Vinyl Chloride	1.49E-04	1.49E-04	1.67E-04	1.96E-04	2.07E-04	2.50E-04	2.75E-04	2.75E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Acetaldehyde	4.33E-02	4.67E-02	5.73E-02	7.11E-02	7.53E-02	8.35E-02	1.19E-01	1.35E-01	0.00E+00	2.03E-02	3.82E-02	1.69E-02	0.00E+00
Vermont	Orleans	50019	R	Acrolein	2.07E-02	2.12E-02	2.22E-02	2.32E-02	2.37E-02	3.94E-02	5.14E-02	5.77E-02	0.00E+00	2.50E-02	5.46E-03	2.26E-03	0.00E+00
Vermont	Orleans	50019	R	Acrylonitrile	2.64E-05	2.91E-05	3.26E-05	4.26E-05	4.56E-05	5.22E-05	6.98E-05	8.38E-05	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Arsenic Compounds	1.77E-06	1.82E-06	2.04E-06	3.80E-06	5.15E-06	6.38E-06	1.19E-05	1.43E-05	0.00E+00	5.07E-06	8.66E-08	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Benzene	5.46E-01	5.47E-01	5.60E-01	5.79E-01	5.95E-01	6.13E-01	6.75E-01	7.12E-01	0.00E+00	4.66E-02	5.48E-02	1.35E-02	4.80E-01
Vermont	Orleans	50019	R	Beryllium Compounds	2.18E-07	2.49E-07	3.52E-07	5.36E-07	9.76E-07	7.52E-07	3.02E-06	3.66E-06	0.00E+00	9.76E-07	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	1,3-Butadiene	6.82E-03	6.93E-03	7.20E-03	1.10E-02	1.49E-02	1.86E-02	3.17E-02	3.82E-02	0.00E+00	8.57E-03	5.37E-03	9.51E-04	0.00E+00
Vermont	Orleans	50019	R	Cadmium Compounds	1.40E-06	1.46E-06	1.62E-06	2.55E-06	3.00E-06	3.46E-06	5.84E-06	7.13E-06	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	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	2.38E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Orleans	50019	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.60E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Orleans	50019	R	Chromium Compounds	8.72E-06	9.68E-06	1.17E-05	1.78E-05	2.10E-05	2.46E-05	4.13E-05	4.87E-05	0.00E+00	8.51E-06	5.45E-06	7.07E-06	0.00E+00
Vermont	Orleans	50019	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
Vermont	Orleans	50019	R	1,3-Dichloropropene	2.42E-03	2.62E-03	2.92E-03	5.30E-03	9.00E-03	8.52E-03	2.56E-02	3.14E-02	0.00E+00	9.00E-03	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Diesel Particulate Matter	2.30E-01	2.38E-01	2.57E-01	2.83E-01	3.05E-01	3.45E-01	4.04E-01	4.49E-01	0.00E+00	0.00E+00	1.33E-01	1.72E-01	***
Vermont	Orleans	50019	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	5.52E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Orleans	50019	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	5.83E-06	0.00E+00	0.00E+00	6.10E-02
Vermont	Orleans	50019	R	Ethylene Oxide	2.23E-05	2.47E-05	3.18E-05	7.05E-05	1.62E-04	8.45E-05	5.91E-04	7.03E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Formaldehyde	3.47E-01	3.50E-01	3.64E-01	3.90E-01	4.17E-01	4.49E-01	5.43E-01	5.84E-01	1.36E-05	1.03E-01	3.65E-02	2.81E-02	2.50E-01
Vermont	Orleans	50019	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.63E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Orleans	50019	R	Hydrazine	2.58E-10	7.92E-10	1.45E-09	2.79E-09	1.31E-08	9.40E-09	5.26E-08	7.06E-08	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Lead Compounds	2.32E-05	2.48E-05	2.72E-05	4.38E-05	5.33E-05	6.21E-05	1.08E-04	1.31E-04	0.00E+00	4.57E-05	7.63E-06	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Manganese Compounds	9.89E-05	1.46E-04	2.70E-04	3.44E-04	4.14E-04	6.68E-04	7.18E-04	7.36E-04	0.00E+00	4.04E-04	2.23E-06	7.60E-06	0.00E+00
Vermont	Orleans	50019	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	1.57E-05	7.46E-08	2.01E-06	1.50E-03
Vermont	Orleans	50019	R	Methylene Chloride	1.53E-01	1.54E-01	1.55E-01	1.58E-01	1.67E-01	1.60E-01	2.06E-01	2.19E-01	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Orleans	50019	R	Nickel Compounds	1.02E-05	1.41E-05	1.85E-05	2.47E-05	5.39E-05	3.56E-05	1.77E-04	2.22E-04	0.00E+00	4.64E-05	4.22E-06	3.26E-06	0.00E+00
Vermont	Orleans	50019	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.48E-01	1.47E-01	1.66E-01	1.72E-01	0.00E+00	8.49E-03	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/m³) for Vermont																	
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
Vermont	Orleans	50019	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
Vermont	Orleans	50019	R	Polycyclic Organic Matter	4.05E-03	4.24E-03	4.63E-03	7.12E-03	9.71E-03	9.03E-03	2.29E-02	2.73E-02	0.00E+00	9.69E-03	9.46E-06	5.04E-06	0.00E+00
Vermont	Orleans	50019	R	7-PAH	4.90E-04	4.99E-04	5.47E-04	7.48E-04	9.37E-04	1.04E-03	1.90E-03	2.21E-03	0.00E+00	9.30E-04	5.23E-06	2.41E-06	0.00E+00
Vermont	Orleans	50019	R	Propylene Dichloride	1.70E-06	1.79E-06	2.21E-06	2.48E-06	2.82E-06	3.24E-06	4.48E-06	4.78E-06	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Quinoline	3.97E-09	6.26E-09	8.60E-09	1.52E-08	4.28E-08	3.72E-08	1.52E-07	1.96E-07	0.00E+00	4.28E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	1,1,2,2-Tetrachloroethane	1.12E-05	1.20E-05	1.44E-05	1.96E-05	2.04E-05	2.24E-05	3.26E-05	4.00E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Orleans	50019	R	Trichloroethylene	8.13E-02	8.14E-02	8.16E-02	8.18E-02	8.31E-02	8.23E-02	8.85E-02	9.03E-02	0.00E+00	2.10E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Orleans	50019	R	Vinyl Chloride	2.88E-05	3.17E-05	3.59E-05	4.88E-05	5.14E-05	5.59E-05	8.08E-05	9.87E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	Acetaldehyde	9.79E-02	9.93E-02	1.02E-01	1.17E-01	1.31E-01	1.41E-01	1.95E-01	2.08E-01	5.30E-04	2.28E-02	7.83E-02	2.92E-02	0.00E+00
Vermont	Rutland	50021	R	Acrolein	3.17E-02	3.46E-02	3.62E-02	3.95E-02	4.46E-02	5.05E-02	6.42E-02	7.62E-02	0.00E+00	2.81E-02	1.10E-02	5.49E-03	0.00E+00
Vermont	Rutland	50021	R	Acrylonitrile	1.26E-04	1.32E-04	1.40E-04	1.69E-04	1.73E-04	1.85E-04	2.40E-04	2.69E-04	2.76E-08	1.73E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	Arsenic Compounds	3.77E-06	4.60E-06	5.11E-06	7.32E-06	1.83E-05	3.01E-05	3.87E-05	4.85E-05	4.83E-07	1.76E-05	1.84E-07	1.51E-11	0.00E+00
Vermont	Rutland	50021	R	Benzene	6.08E-01	6.11E-01	6.30E-01	6.47E-01	7.10E-01	7.18E-01	8.72E-01	9.36E-01	7.11E-08	7.21E-02	1.12E-01	4.61E-02	4.80E-01
Vermont	Rutland	50021	R	Beryllium Compounds	4.30E-07	5.01E-07	6.22E-07	9.27E-07	2.18E-06	2.13E-06	4.91E-06	5.71E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	1,3-Butadiene	9.83E-03	1.06E-02	1.24E-02	1.34E-02	2.12E-02	2.62E-02	3.85E-02	5.55E-02	0.00E+00	7.67E-03	1.11E-02	2.47E-03	0.00E+00
Vermont	Rutland	50021	R	Cadmium Compounds	2.50E-06	2.52E-06	2.82E-06	3.92E-06	7.02E-06	1.05E-05	1.43E-05	1.58E-05	1.90E-07	6.83E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	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	5.05E-11	2.81E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Rutland	50021	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.35E-02	8.36E-02	8.37E-02	8.38E-02	1.21E-04	3.36E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Rutland	50021	R	Chromium Compounds	2.92E-05	3.77E-05	4.62E-05	7.12E-05	8.70E-05	1.24E-04	1.78E-04	1.84E-04	9.73E-07	6.46E-05	1.15E-05	9.93E-06	0.00E+00
Vermont	Rutland	50021	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
Vermont	Rutland	50021	R	1,3-Dichloropropene	4.11E-03	4.27E-03	5.09E-03	8.64E-03	2.03E-02	1.66E-02	4.56E-02	6.34E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	Diesel Particulate Matter	5.12E-01	5.25E-01	5.69E-01	6.39E-01	6.47E-01	7.00E-01	7.69E-01	7.87E-01	0.00E+00	0.00E+00	2.94E-01	3.53E-01	***
Vermont	Rutland	50021	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.54E-11	1.12E-07	0.00E+00	0.00E+00	7.70E-03
Vermont	Rutland	50021	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.33E-09	3.11E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Rutland	50021	R	Ethylene Oxide	6.20E-05	9.15E-05	1.08E-04	2.11E-04	4.80E-04	6.72E-04	1.02E-03	1.13E-03	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	Formaldehyde	4.18E-01	4.29E-01	4.39E-01	4.53E-01	4.87E-01	5.31E-01	5.97E-01	6.66E-01	3.93E-04	1.12E-01	7.53E-02	4.89E-02	2.50E-01
Vermont	Rutland	50021	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	4.19E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Rutland	50021	R	Hydrazine	1.46E-10	1.73E-10	2.87E-10	3.90E-09	6.66E-09	1.08E-08	1.13E-08	1.82E-08	0.00E+00	6.66E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	Lead Compounds	5.48E-05	9.99E-05	1.46E-04	2.15E-04	2.77E-04	3.52E-04	5.61E-04	7.02E-04	2.75E-06	1.74E-04	1.61E-05	8.44E-05	0.00E+00
Vermont	Rutland	50021	R	Manganese Compounds	4.24E-04	4.25E-04	5.87E-04	9.16E-04	2.03E-03	3.54E-03	4.34E-03	5.81E-03	7.59E-05	1.93E-03	4.72E-06	1.10E-05	0.00E+00
Vermont	Rutland	50021	R	Mercury Compounds	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	5.26E-07	2.26E-05	1.58E-07	2.83E-06	1.50E-03
Vermont	Rutland	50021	R	Methylene Chloride	1.61E-01	1.61E-01	1.67E-01	1.74E-01	1.88E-01	1.97E-01	2.19E-01	2.24E-01	9.50E-08	3.77E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Rutland	50021	R	Nickel Compounds	2.40E-05	2.51E-05	3.09E-05	6.01E-05	9.56E-05	1.38E-04	1.81E-04	2.59E-04	2.02E-07	8.17E-05	8.91E-06	4.72E-06	0.00E+00
Vermont	Rutland	50021	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.47E-01	1.56E-01	1.56E-01	1.76E-01	1.83E-01	9.17E-05	1.64E-02	0.00E+00	0.00E+00	1.40E-01
Vermont	Rutland	50021	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	1.08E-07	0.00E+00	0.00E+00	3.80E-04
Vermont	Rutland	50021	R	Polycyclic Organic Matter	6.63E-03	6.67E-03	7.81E-03	1.01E-02	1.94E-02	1.73E-02	3.99E-02	5.27E-02	6.10E-10	1.93E-02	2.18E-05	2.14E-05	0.00E+00
Vermont	Rutland	50021	R	7-PAH	6.68E-04	7.41E-04	8.49E-04	8.84E-04	1.39E-03	1.43E-03	2.52E-03	3.46E-03	1.21E-09	1.37E-03	1.18E-05	1.03E-05	0.00E+00
Vermont	Rutland	50021	R	Propylene Dichloride	7.53E-06	7.89E-06	8.42E-06	1.01E-05	1.02E-05	1.10E-05	1.42E-05	1.58E-05	1.67E-09	1.02E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	Quinoline	4.34E-09	4.36E-09	5.87E-09	2.05E-08	2.84E-08	4.43E-08	4.80E-08	6.62E-08	0.00E+00	2.84E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	1,1,2,2-Tetrachloroethane	6.46E-05	6.65E-05	7.12E-05	8.46E-05	8.79E-05	9.41E-05	1.27E-04	1.40E-04	1.53E-08	8.79E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Rutland	50021	R	Trichloroethylene	8.18E-02	8.20E-02	8.22E-02	8.37E-02	8.57E-02	8.77E-02	9.05E-02	9.41E-02	2.90E-08	4.71E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Rutland	50021	R	Vinyl Chloride	1.59E-04	1.65E-04	1.77E-04	2.10E-04	2.18E-04	2.34E-04	3.12E-04	3.49E-04	3.77E-08	2.18E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	Acetaldehyde	1.02E-01	1.06E-01	1.41E-01	1.56E-01	1.78E-01	2.28E-01	2.60E-01	3.34E-01	0.00E+00	3.08E-02	1.02E-01	4.59E-02	0.00E+00
Vermont	Washington	50023	R	Acrolein	3.98E-02	4.46E-02	4.80E-02	5.02E-02	6.03E-02	8.14E-02	8.94E-02	1.13E-01	0.00E+00	3.22E-02	1.41E-02	1.41E-02	0.00E+00
Vermont	Washington	50023	R	Acrylonitrile	5.85E-05	6.34E-05	7.00E-05	7.71E-05	8.00E-05	8.96E-05	1.03E-04	1.11E-04	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	Arsenic Compounds	2.70E-06	2.99E-06	5.19E-06	6.78E-06	1.30E-05	1.66E-05	2.92E-05	6.38E-05	0.00E+00	1.27E-05	2.34E-07	1.67E-14	0.00E+00
Vermont	Washington	50023	R	Benzene	6.83E-01	7.25E-01	7.36E-01	7.83E-01	8.58E-01	9.41E-01	1.13E+00	1.35E+00	0.00E+00	7.39E-02	1.45E-01	1.60E-01	4.80E-01
Vermont	Washington	50023	R	Beryllium Compounds	5.17E-07	5.42E-07	9.29E-07	1.37E-0									

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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
Vermont	Washington	50023	R	Chromium Compounds	2.06E-05	2.06E-05	2.35E-05	2.79E-05	4.72E-05	6.10E-05	1.11E-04	1.42E-04	0.00E+00	1.54E-05	1.48E-05	1.70E-05	0.00E+00
Vermont	Washington	50023	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
Vermont	Washington	50023	R	1,3-Dichloropropene	4.91E-03	5.32E-03	5.86E-03	9.76E-03	2.68E-02	3.34E-02	9.07E-02	1.16E-01	0.00E+00	2.68E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	Diesel Particulate Matter	3.89E-01	4.00E-01	4.11E-01	4.81E-01	5.44E-01	5.73E-01	7.59E-01	1.20E+00	0.00E+00	0.00E+00	2.60E-01	2.84E-01	***
Vermont	Washington	50023	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	4.77E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Washington	50023	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	0.00E+00	1.69E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Washington	50023	R	Ethylene Oxide	5.02E-05	5.82E-05	9.50E-05	1.76E-04	4.09E-04	6.62E-04	8.23E-04	2.56E-03	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	Formaldehyde	4.39E-01	4.41E-01	4.76E-01	4.98E-01	5.71E-01	6.91E-01	7.57E-01	1.01E+00	0.00E+00	1.38E-01	9.83E-02	8.50E-02	2.50E-01
Vermont	Washington	50023	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	2.63E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Washington	50023	R	Hydrazine	4.90E-11	1.50E-10	2.52E-10	1.66E-09	4.39E-09	3.37E-09	8.71E-09	4.48E-08	0.00E+00	4.39E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	Lead Compounds	4.23E-05	4.75E-05	6.69E-05	1.90E-04	2.17E-04	3.47E-04	4.80E-04	4.96E-04	0.00E+00	1.08E-04	2.08E-05	8.91E-05	0.00E+00
Vermont	Washington	50023	R	Manganese Compounds	3.55E-04	4.40E-04	5.92E-04	7.68E-04	1.11E-03	1.42E-03	2.11E-03	3.87E-03	0.00E+00	1.09E-03	6.07E-06	1.82E-05	0.00E+00
Vermont	Washington	50023	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.60E-03	0.00E+00	3.69E-05	2.02E-07	4.87E-06	1.50E-03
Vermont	Washington	50023	R	Methylene Chloride	1.58E-01	1.58E-01	1.63E-01	1.77E-01	2.06E-01	2.19E-01	2.78E-01	5.07E-01	0.00E+00	5.58E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Washington	50023	R	Nickel Compounds	2.38E-05	2.39E-05	4.06E-05	7.59E-05	1.58E-04	2.03E-04	2.94E-04	1.07E-03	0.00E+00	1.39E-04	1.14E-05	7.76E-06	0.00E+00
Vermont	Washington	50023	R	Perchloroethylene	1.46E-01	1.46E-01	1.50E-01	1.54E-01	1.81E-01	1.90E-01	2.64E-01	3.55E-01	6.91E-06	4.08E-02	0.00E+00	0.00E+00	1.40E-01
Vermont	Washington	50023	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
Vermont	Washington	50023	R	Polycyclic Organic Matter	7.38E-03	7.45E-03	8.78E-03	1.10E-02	2.41E-02	3.16E-02	6.64E-02	9.56E-02	0.00E+00	2.39E-02	2.51E-05	9.05E-05	0.00E+00
Vermont	Washington	50023	R	7-PAH	8.15E-04	8.20E-04	8.83E-04	1.05E-03	1.75E-03	2.46E-03	3.88E-03	5.60E-03	0.00E+00	1.69E-03	1.38E-05	4.59E-05	0.00E+00
Vermont	Washington	50023	R	Propylene Dichloride	3.20E-06	3.57E-06	3.91E-06	4.34E-06	4.47E-06	4.96E-06	5.85E-06	6.04E-06	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	Quinoline	1.10E-09	1.31E-09	3.57E-09	6.89E-09	1.49E-08	1.74E-08	2.44E-08	1.12E-07	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	1,1,2,2-Tetrachloroethane	2.59E-05	2.96E-05	3.28E-05	3.46E-05	3.53E-05	3.96E-05	4.23E-05	4.32E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Washington	50023	R	Trichloroethylene	8.20E-02	8.21E-02	8.31E-02	8.58E-02	9.21E-02	9.56E-02	1.01E-01	1.65E-01	0.00E+00	1.11E-02	0.00E+00	0.00E+00	8.10E-02
Vermont	Washington	50023	R	Vinyl Chloride	6.39E-05	7.31E-05	8.10E-05	8.52E-05	8.73E-05	9.79E-05	1.05E-04	1.07E-04	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	Acetaldehyde	8.61E-02	8.78E-02	9.95E-02	1.16E-01	1.30E-01	1.46E-01	1.97E-01	2.14E-01	0.00E+00	3.19E-02	6.57E-02	3.23E-02	0.00E+00
Vermont	Windham	50025	R	Acrolein	3.33E-02	3.33E-02	3.65E-02	3.89E-02	4.30E-02	4.76E-02	5.79E-02	7.24E-02	0.00E+00	2.93E-02	9.20E-03	4.50E-03	0.00E+00
Vermont	Windham	50025	R	Acrylonitrile	4.81E-05	5.22E-05	6.18E-05	1.35E-04	1.65E-04	2.00E-04	2.90E-04	5.57E-04	3.50E-05	1.30E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	Arsenic Compounds	2.73E-06	3.12E-06	3.70E-06	5.39E-06	7.02E-06	6.85E-06	1.45E-05	2.32E-05	6.14E-08	6.72E-06	2.44E-07	5.99E-11	0.00E+00
Vermont	Windham	50025	R	Benzene	5.86E-01	5.92E-01	5.96E-01	6.17E-01	6.38E-01	6.45E-01	7.36E-01	7.87E-01	9.02E-05	5.34E-02	7.62E-02	2.88E-02	4.80E-01
Vermont	Windham	50025	R	Beryllium Compounds	5.37E-07	6.46E-07	7.95E-07	1.02E-06	1.64E-06	1.41E-06	4.04E-06	6.45E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	1,3-Butadiene	7.59E-03	7.90E-03	9.23E-03	1.12E-02	1.51E-02	1.95E-02	2.87E-02	3.53E-02	0.00E+00	7.70E-03	5.98E-03	1.37E-03	0.00E+00
Vermont	Windham	50025	R	Cadmium Compounds	3.39E-06	3.43E-06	3.81E-06	4.80E-06	5.64E-06	7.42E-06	9.76E-06	1.16E-05	4.95E-07	5.15E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	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	6.40E-08	4.06E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Windham	50025	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	3.73E-07	3.02E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Windham	50025	R	Chromium Compounds	4.72E-05	5.03E-05	6.06E-05	6.96E-05	8.96E-05	1.11E-04	1.67E-04	1.88E-04	1.12E-05	5.02E-05	1.68E-05	1.14E-05	0.00E+00
Vermont	Windham	50025	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
Vermont	Windham	50025	R	1,3-Dichloropropene	3.26E-03	3.95E-03	5.06E-03	6.46E-03	1.20E-02	1.18E-02	3.37E-02	5.01E-02	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	Diesel Particulate Matter	7.57E-01	7.70E-01	8.34E-01	8.92E-01	8.88E-01	9.31E-01	9.87E-01	1.05E+00	0.00E+00	0.00E+00	3.51E-01	5.37E-01	***
Vermont	Windham	50025	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.96E-08	1.00E-07	0.00E+00	0.00E+00	7.70E-03
Vermont	Windham	50025	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	4.22E-06	1.60E-05	0.00E+00	0.00E+00	6.10E-02
Vermont	Windham	50025	R	Ethylene Oxide	2.10E-04	2.17E-04	3.27E-04	4.03E-04	6.33E-04	7.02E-04	1.34E-03	1.86E-03	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	Formaldehyde	4.08E-01	4.23E-01	4.37E-01	4.59E-01	4.88E-01	5.13E-01	5.97E-01	6.87E-01	1.94E-05	1.29E-01	5.68E-02	5.25E-02	2.50E-01
Vermont	Windham	50025	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	1.28E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Windham	50025	R	Hydrazine	6.95E-10	8.54E-10	2.71E-09	6.38E-09	8.55E-09	1.02E-08	2.59E-08	3.57E-08	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	Lead Compounds	5.43E-05	6.64E-05	8.73E-05	1.01E-04	1.16E-04	1.36E-04	2.10E-04	2.15E-04	2.86E-06	6.94E-05	2.30E-05	2.03E-05	0.00E+00
Vermont	Windham	50025	R	Manganese Compounds	1.95E-04	2.03E-04	2.32E-04	3.05E-04	3.83E-04	5.34E-04	6.35E-04	9.62E-04	2.13E-06	3.62E-04	6.51E-06	1.23E-05	0.00E+00
Vermont	Windham	50025	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.58E-03	1.61E-03	1.53E-05	3.25E-05	2.22E-07	3.29E-06	1.50E-03
Vermont	Windham	50025	R	Methylene Chloride	1.64E-01	1.68E-01	1.74E-01	1.84E-01	1.95E-01	1.93E-01	2.58E-01	3.24E-01	3.74E-04	4.42E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Windham	50025	R	Nickel Compounds	4.14E-05	5.13E-05	6.68E-05	7.97E-05	1.06E-04	1.27E-04	2.47E-04	2.72E-04	7.77E-06	7.99E-05	1.29E-05	5.20E-06	0.00E+00
Vermont	Windham	50025	R	Perchloroethylene	1.44E-01	1.45E-01	1.47E-01	1.49E-01	1.53E-01	1.53E-01	1.67E-01	1.85E-01	6.15E-05	1.26E-02	0.00E+00	0.00E+00	1.40E-01
Vermont	Windham	50025	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
Vermont	Windham	50025	R	Polycyclic Organic Matter	6.56E-03	6.72E-03	8.03E-03	9.80E-03	1.34E-02	1.32E-02	2.94E-02	4.02E-02	1.20E-05	1.34E-02	2.60E-05	1.21E-05	0.00E+00

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Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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
Vermont	Windham	50025	R	7-PAH	7.46E-04	8.26E-04	9.26E-04	1.03E-03	1.24E-03	1.24E-03	2.34E-03	2.64E-03	3.73E-08	1.22E-03	1.28E-05	5.83E-06	0.00E+00
Vermont	Windham	50025	R	Propylene Dichloride	2.74E-06	2.96E-06	4.71E-06	7.97E-06	9.83E-06	1.20E-05	1.73E-05	3.37E-05	2.12E-06	7.71E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	Quinoline	1.51E-08	1.68E-08	2.53E-08	3.59E-08	4.35E-08	4.81E-08	9.36E-08	1.21E-07	0.00E+00	4.35E-08	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	1,1,2,2-Tetrachloroethane	2.02E-05	2.30E-05	3.63E-05	6.63E-05	8.25E-05	9.82E-05	1.52E-04	3.01E-04	1.94E-05	6.31E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Windham	50025	R	Trichloroethylene	8.27E-02	8.28E-02	8.47E-02	8.63E-02	8.78E-02	8.91E-02	9.43E-02	1.02E-01	1.81E-04	6.57E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Windham	50025	R	Vinyl Chloride	5.06E-05	5.71E-05	9.04E-05	1.65E-04	2.05E-04	2.43E-04	3.77E-04	7.45E-04	4.77E-05	1.57E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	Acetaldehyde	9.05E-02	9.18E-02	1.02E-01	1.18E-01	1.28E-01	1.52E-01	1.86E-01	2.15E-01	5.46E-05	2.38E-02	6.82E-02	3.55E-02	0.00E+00
Vermont	Windsor	50027	R	Acrolein	3.70E-02	3.73E-02	4.26E-02	4.74E-02	5.08E-02	5.62E-02	7.62E-02	8.15E-02	0.00E+00	2.99E-02	9.70E-03	1.12E-02	0.00E+00
Vermont	Windsor	50027	R	Acrylonitrile	5.57E-05	5.64E-05	5.68E-05	7.12E-05	7.40E-05	7.83E-05	1.06E-04	1.19E-04	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	Arsenic Compounds	3.74E-06	3.84E-06	4.10E-06	4.98E-06	6.71E-06	8.64E-06	9.76E-06	2.16E-05	2.14E-07	6.35E-06	1.48E-07	1.63E-13	0.00E+00
Vermont	Windsor	50027	R	Benzene	6.64E-01	6.87E-01	7.10E-01	7.75E-01	7.91E-01	8.38E-01	9.71E-01	1.05E+00	0.00E+00	5.60E-02	8.53E-02	1.70E-01	4.80E-01
Vermont	Windsor	50027	R	Beryllium Compounds	4.93E-07	5.12E-07	5.83E-07	8.61E-07	1.41E-06	1.78E-06	2.47E-06	6.63E-06	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	1,3-Butadiene	1.30E-02	1.45E-02	1.68E-02	1.95E-02	2.41E-02	3.03E-02	3.98E-02	5.29E-02	0.00E+00	7.99E-03	7.43E-03	8.69E-03	0.00E+00
Vermont	Windsor	50027	R	Cadmium Compounds	3.80E-06	3.82E-06	4.65E-06	5.34E-06	6.16E-06	6.78E-06	1.02E-05	1.23E-05	9.38E-07	5.22E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	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	2.75E-05	0.00E+00	0.00E+00	8.80E-01
Vermont	Windsor	50027	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	1.31E-05	2.44E-04	0.00E+00	0.00E+00	8.30E-02
Vermont	Windsor	50027	R	Chromium Compounds	3.93E-05	5.09E-05	7.58E-05	1.51E-04	2.67E-04	3.57E-04	9.38E-04	1.06E-03	1.80E-05	2.31E-04	9.24E-06	9.11E-06	0.00E+00
Vermont	Windsor	50027	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
Vermont	Windsor	50027	R	1,3-Dichloropropene	3.39E-03	3.80E-03	5.05E-03	7.68E-03	1.13E-02	1.34E-02	2.20E-02	4.39E-02	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	Diesel Particulate Matter	4.94E-01	5.07E-01	5.81E-01	6.34E-01	6.43E-01	7.07E-01	7.89E-01	8.04E-01	0.00E+00	0.00E+00	2.90E-01	3.53E-01	***
Vermont	Windsor	50027	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	4.33E-08	0.00E+00	0.00E+00	7.70E-03
Vermont	Windsor	50027	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	9.78E-06	0.00E+00	0.00E+00	6.10E-02
Vermont	Windsor	50027	R	Ethylene Oxide	8.67E-05	9.04E-05	1.50E-04	1.87E-04	3.92E-04	3.24E-04	6.95E-04	2.60E-03	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	Formaldehyde	4.14E-01	4.29E-01	4.43E-01	4.64E-01	4.92E-01	5.38E-01	6.10E-01	6.62E-01	4.05E-05	1.18E-01	6.28E-02	6.13E-02	2.50E-01
Vermont	Windsor	50027	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	1.62E-08	0.00E+00	0.00E+00	9.30E-05
Vermont	Windsor	50027	R	Hydrazine	1.22E-10	1.73E-10	2.58E-10	3.42E-10	4.95E-10	6.58E-10	1.03E-09	1.57E-09	0.00E+00	4.95E-10	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	Lead Compounds	1.14E-04	1.18E-04	1.23E-04	1.72E-04	2.91E-04	2.38E-04	1.04E-03	1.21E-03	3.79E-06	8.60E-05	1.28E-05	1.88E-04	0.00E+00
Vermont	Windsor	50027	R	Manganese Compounds	2.72E-04	2.77E-04	3.35E-04	3.73E-04	4.75E-04	5.18E-04	8.00E-04	1.29E-03	1.68E-05	4.44E-04	3.73E-06	1.00E-05	0.00E+00
Vermont	Windsor	50027	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.57E-03	1.58E-03	1.65E-03	1.68E-03	3.27E-05	3.58E-05	1.26E-07	2.60E-06	1.50E-03
Vermont	Windsor	50027	R	Methylene Chloride	1.58E-01	1.59E-01	1.61E-01	1.64E-01	1.74E-01	1.79E-01	1.98E-01	2.53E-01	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.50E-01
Vermont	Windsor	50027	R	Nickel Compounds	2.99E-05	3.11E-05	4.94E-05	8.39E-05	1.13E-04	1.79E-04	2.51E-04	3.38E-04	1.39E-05	8.76E-05	7.18E-06	4.28E-06	0.00E+00
Vermont	Windsor	50027	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.46E-01	1.52E-01	1.53E-01	1.66E-01	1.97E-01	9.70E-06	1.16E-02	0.00E+00	0.00E+00	1.40E-01
Vermont	Windsor	50027	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
Vermont	Windsor	50027	R	Polycyclic Organic Matter	6.21E-03	6.47E-03	7.97E-03	9.66E-03	1.25E-02	1.50E-02	2.07E-02	3.71E-02	1.32E-10	1.24E-02	2.18E-05	9.87E-05	0.00E+00
Vermont	Windsor	50027	R	7-PAH	7.19E-04	8.03E-04	8.45E-04	9.89E-04	1.21E-03	1.47E-03	1.92E-03	2.68E-03	6.62E-08	1.14E-03	1.14E-05	4.99E-05	0.00E+00
Vermont	Windsor	50027	R	Propylene Dichloride	3.17E-06	3.18E-06	3.24E-06	4.06E-06	4.19E-06	4.41E-06	6.08E-06	6.70E-06	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	Quinoline	4.58E-09	4.75E-09	6.21E-09	7.90E-09	9.59E-09	1.23E-08	1.85E-08	1.91E-08	0.00E+00	9.59E-09	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	1,1,2,2-Tetrachloroethane	2.46E-05	2.50E-05	2.71E-05	3.40E-05	3.43E-05	3.74E-05	4.98E-05	5.48E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00
Vermont	Windsor	50027	R	Trichloroethylene	8.20E-02	8.21E-02	8.27E-02	8.30E-02	8.48E-02	8.56E-02	9.08E-02	1.01E-01	0.00E+00	3.79E-03	0.00E+00	0.00E+00	8.10E-02
Vermont	Windsor	50027	R	Vinyl Chloride	6.12E-05	6.22E-05	6.69E-05	8.40E-05	8.49E-05	9.24E-05	1.23E-04	1.35E-04	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00
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

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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	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	7.70E-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	9.07E-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	5.18E-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
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

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Vermont																	
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	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	9.78E-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