

US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for Pennsylvania

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

- The modeled estimates presented here are not a direct indicator of risk because they do not factor in the extent to which people are exposed to these pollutants or the widely varying toxic potential of different substances. EPA uses these ambient concentration estimates in combination with exposure modeling and health effects information to estimate risk.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.
- Methods of estimating emissions, as well as simplified modeling assumptions, may introduce significant uncertainties into each component of the assessment.
[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.
- Note that based on the persistence and bioaccumulation potential of lead, mercury, PCBs (polychlorinated biphenyls), hexachlorobenzene, 7-PAH (polycyclic aromatic hydrocarbons), POM (polycyclic organic matter) and cadmium, ingestion rather than inhalation may contribute substantially to exposures of concern, and this assessment does not address pollutant levels that may be ingested from food, water, or soil.

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Statewide	N/A	N/A	Acetaldehyde	1.11E-01	1.64E-01	3.15E-01	6.07E-01	8.19E-01	1.13E+00	1.94E+00	2.18E+00	7.29E-04	5.88E-02	4.81E-01	2.78E-01	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Acrolein	2.98E-02	3.82E-02	5.72E-02	8.68E-02	1.13E-01	1.36E-01	2.39E-01	2.83E-01	7.21E-05	2.08E-02	5.17E-02	4.07E-02	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Acrylonitrile	7.08E-05	1.36E-04	3.17E-04	5.72E-04	8.69E-04	1.06E-03	1.70E-03	2.49E-03	5.36E-04	3.32E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Arsenic Compounds	9.95E-06	1.73E-05	4.12E-05	9.01E-05	1.36E-04	1.85E-04	2.89E-04	4.02E-04	4.07E-05	6.69E-05	6.40E-07	2.73E-05	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Benzene	6.20E-01	6.89E-01	8.92E-01	1.27E+00	1.52E+00	1.84E+00	2.80E+00	3.31E+00	1.05E-01	9.06E-02	6.00E-01	2.40E-01	4.80E-01
Pennsylvania	Statewide	N/A	N/A	Beryllium Compounds	1.38E-06	2.42E-06	7.38E-06	1.55E-05	2.61E-05	2.71E-05	4.77E-05	6.25E-05	2.10E-06	2.37E-05	0.00E+00	2.44E-07	0.00E+00
Pennsylvania	Statewide	N/A	N/A	1,3-Butadiene	1.08E-02	1.49E-02	3.01E-02	5.62E-02	7.25E-02	9.28E-02	1.54E-01	2.00E-01	2.77E-05	3.61E-03	5.08E-02	1.80E-02	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Cadmium Compounds	6.14E-06	1.21E-05	3.54E-05	1.21E-04	5.08E-04	4.15E-04	1.05E-03	1.89E-03	1.66E-05	4.88E-04	0.00E+00	3.40E-06	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	1.37E-06	7.22E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Statewide	N/A	N/A	Chloroform	8.33E-02	8.35E-02	8.42E-02	8.54E-02	9.03E-02	9.01E-02	1.00E-01	1.12E-01	3.45E-03	3.82E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Statewide	N/A	N/A	Chromium Compounds	7.41E-05	1.63E-04	5.14E-04	1.61E-03	3.94E-03	3.91E-03	8.42E-03	1.43E-02	3.68E-04	3.29E-03	4.09E-05	2.41E-04	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	3.71E-03	4.15E-02	7.05E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	1,3-Dichloropropene	7.44E-03	1.35E-02	3.55E-02	7.72E-02	1.05E-01	1.38E-01	2.26E-01	3.29E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Diesel Particulate Matter	8.59E-01	1.01E+00	1.43E+00	2.03E+00	2.40E+00	3.09E+00	4.14E+00	4.74E+00	0.00E+00	0.00E+00	8.81E-01	1.52E+00	***
Pennsylvania	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.91E-07	5.28E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	8.07E-02	7.30E-02	1.11E-01	1.58E-01	1.96E-02	1.86E-04	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Statewide	N/A	N/A	Ethylene Oxide	1.35E-04	2.84E-04	8.32E-04	2.42E-03	4.51E-03	5.52E-03	1.14E-02	1.65E-02	6.30E-05	4.45E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Formaldehyde	4.29E-01	5.00E-01	6.80E-01	9.31E-01	1.24E+00	1.55E+00	2.44E+00	2.84E+00	7.22E-03	9.22E-02	4.22E-01	4.67E-01	2.50E-01
Pennsylvania	Statewide	N/A	N/A	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	5.81E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Statewide	N/A	N/A	Hydrazine	6.30E-10	1.93E-09	1.45E-08	6.21E-08	1.54E-07	1.56E-07	3.72E-07	5.91E-07	9.29E-09	1.45E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Lead Compounds	1.88E-04	3.72E-04	1.54E-03	3.81E-03	7.87E-03	8.08E-03	1.81E-02	3.17E-02	3.51E-04	5.26E-03	5.69E-05	2.20E-03	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Manganese Compounds	2.13E-04	3.84E-04	1.12E-03	2.37E-03	3.32E-03	4.25E-03	6.80E-03	8.94E-03	7.25E-04	2.36E-03	1.67E-05	2.22E-04	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Mercury Compounds	1.54E-03	1.57E-03	1.66E-03	1.87E-03	2.24E-03	2.47E-03	3.00E-03	3.65E-03	9.24E-05	6.14E-04	5.46E-07	2.98E-05	1.50E-03
Pennsylvania	Statewide	N/A	N/A	Methylene Chloride	1.70E-01	1.90E-01	2.69E-01	3.78E-01	4.90E-01	6.10E-01	8.72E-01	1.09E+00	4.64E-02	2.93E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Statewide	N/A	N/A	Nickel Compounds	1.13E-04	2.21E-04	7.80E-04	2.01E-03	3.69E-03	4.06E-03	7.49E-03	1.21E-02	4.71E-04	2.14E-03	3.19E-05	1.04E-03	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Perchloroethylene	1.47E-01	1.53E-01	1.78E-01	2.46E-01	2.75E-01	3.28E-01	4.41E-01	5.10E-01	1.54E-03	1.33E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.86E-04	3.82E-04	3.91E-04	4.05E-04	0.00E+00	6.05E-06	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Statewide	N/A	N/A	Polycyclic Organic Matter	8.54E-03	1.41E-02	3.33E-02	7.01E-02	9.51E-02	1.24E-01	2.11E-01	2.86E-01	9.82E-03	8.49E-02	2.86E-04	1.01E-04	0.00E+00
Pennsylvania	Statewide	N/A	N/A	7-PAH	7.64E-04	1.04E-03	1.83E-03	3.50E-03	4.63E-03	6.00E-03	9.48E-03	1.35E-02	1.25E-06	4.47E-03	1.29E-04	3.08E-05	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Propylene Dichloride	3.79E-06	8.33E-06	1.93E-05	3.34E-05	4.85E-05	6.28E-05	9.80E-05	1.42E-04	3.15E-05	1.69E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Quinoline	1.12E-08	2.27E-08	1.23E-07	6.57E-07	3.17E-05	2.72E-06	9.52E-05	1.34E-04	3.11E-05	5.91E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	1.92E-05	5.71E-05	1.77E-04	3.20E-04	4.55E-04	4.90E-04	8.90E-04	1.34E-03	4.14E-04	4.07E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Statewide	N/A	N/A	Trichloroethylene	8.39E-02	8.71E-02	1.01E-01	1.28E-01	1.88E-01	2.37E-01	3.50E-01	4.33E-01	5.69E-02	5.04E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Statewide	N/A	N/A	Vinyl Chloride	5.86E-05	1.85E-04	5.06E-04	1.17E-03	7.84E-03	9.66E-03	1.66E-02	2.07E-02	7.19E-03	6.52E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Acetaldehyde	2.47E-01	3.17E-01	4.82E-01	7.03E-01	9.73E-01	1.37E+00	2.06E+00	2.22E+00	8.67E-04	6.56E-02	5.70E-01	3.36E-01	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Acrolein	4.28E-02	5.33E-02	7.28E-02	9.78E-02	1.29E-01	1.58E-01	2.62E-01	2.90E-01	8.37E-05	1.95E-02	6.08E-02	4.88E-02	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Acrylonitrile	2.10E-04	2.83E-04	4.44E-04	7.16E-04	9.92E-04	1.19E-03	1.94E-03	2.67E-03	6.49E-04	3.43E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Arsenic Compounds	1.88E-05	3.01E-05	8.49E-05	1.13E-04	1.53E-04	2.05E-04	3.08E-04	4.24E-04	4.52E-05	7.31E-05	7.18E-07	3.40E-05	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Benzene	7.75E-01	8.66E-01	1.09E+00	1.45E+00	1.70E+00	2.03E+00	2.99E+00	3.44E+00	1.30E-01	9.51E-02	7.06E-01	2.85E-01	4.80E-01

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	All Urban Counties	N/A	U	Beryllium Compounds	3.58E-06	5.63E-06	1.12E-05	1.80E-05	2.91E-05	3.16E-05	5.18E-05	6.56E-05	2.32E-06	2.64E-05	0.00E+00	3.04E-07	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	1,3-Butadiene	1.73E-02	2.44E-02	4.11E-02	6.55E-02	8.30E-02	1.04E-01	1.70E-01	2.10E-01	3.40E-05	2.12E-03	5.93E-02	2.16E-02	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Cadmium Compounds	1.96E-05	2.74E-05	6.71E-05	1.53E-04	4.67E-04	4.53E-04	1.14E-03	1.93E-03	1.84E-05	4.44E-04	0.00E+00	4.24E-06	0.00E+00
Pennsylvania	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	8.81E-01	8.82E-01	1.31E-06	6.73E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	All Urban Counties	N/A	U	Chloroform	8.38E-02	8.41E-02	8.46E-02	8.61E-02	9.15E-02	9.14E-02	1.03E-01	1.15E-01	3.89E-03	4.61E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	All Urban Counties	N/A	U	Chromium Compounds	2.07E-04	3.65E-04	1.00E-03	2.10E-03	4.68E-03	4.57E-03	9.80E-03	1.79E-02	4.39E-04	3.90E-03	4.60E-05	2.95E-04	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02	1.55E-02	4.70E-02	7.79E-02	1.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	1,3-Dichloropropene	1.90E-02	2.81E-02	5.42E-02	9.52E-02	1.23E-01	1.57E-01	2.54E-01	3.47E-01	0.00E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Diesel Particulate Matter	1.13E+00	1.34E+00	1.71E+00	2.39E+00	2.70E+00	3.35E+00	4.31E+00	4.94E+00	0.00E+00	0.00E+00	9.79E-01	1.72E+00	***
Pennsylvania	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.52E-07	6.11E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	8.51E-02	7.76E-02	1.23E-01	1.76E-01	2.39E-02	2.02E-04	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	All Urban Counties	N/A	U	Ethylene Oxide	4.15E-04	6.38E-04	1.45E-03	3.18E-03	5.38E-03	6.45E-03	1.28E-02	1.87E-02	7.85E-05	5.31E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Formaldehyde	5.61E-01	6.41E-01	8.12E-01	1.04E+00	1.40E+00	1.76E+00	2.63E+00	2.95E+00	6.52E-03	8.05E-02	4.99E-01	5.61E-01	2.50E-01
Pennsylvania	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.76E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	All Urban Counties	N/A	U	Hydrazine	3.14E-09	7.93E-09	3.08E-08	7.82E-08	1.75E-07	1.80E-07	4.11E-07	6.39E-07	1.16E-08	1.64E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Lead Compounds	8.11E-04	1.34E-03	2.69E-03	4.55E-03	9.08E-03	9.30E-03	2.10E-02	3.36E-02	2.96E-04	5.99E-03	6.39E-05	2.73E-03	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Manganese Compounds	5.65E-04	9.14E-04	1.68E-03	2.81E-03	3.81E-03	4.63E-03	7.16E-03	9.19E-03	8.38E-04	2.68E-03	1.88E-05	2.71E-04	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Mercury Compounds	1.61E-03	1.66E-03	1.77E-03	1.98E-03	2.40E-03	2.65E-03	3.19E-03	3.90E-03	1.11E-04	7.50E-04	6.13E-07	3.58E-05	1.50E-03
Pennsylvania	All Urban Counties	N/A	U	Methylene Chloride	2.05E-01	2.44E-01	3.09E-01	4.35E-01	5.43E-01	6.68E-01	9.34E-01	1.17E+00	4.78E-02	3.45E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	All Urban Counties	N/A	U	Nickel Compounds	3.06E-04	5.49E-04	1.34E-03	2.38E-03	4.26E-03	4.59E-03	8.51E-03	1.31E-02	5.59E-04	2.37E-03	3.58E-05	1.30E-03	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Perchloroethylene	1.59E-01	1.71E-01	2.08E-01	2.72E-01	2.99E-01	3.50E-01	4.56E-01	5.31E-01	1.40E-03	1.58E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.88E-04	3.84E-04	3.95E-04	4.11E-04	0.00E+00	7.54E-06	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.96E-02	2.65E-02	4.99E-02	8.39E-02	1.11E-01	1.42E-01	2.39E-01	3.05E-01	1.21E-02	9.84E-02	3.20E-04	1.19E-04	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	7-PAH	1.21E-03	1.52E-03	2.55E-03	4.15E-03	5.29E-03	6.60E-03	1.07E-02	1.45E-02	1.56E-06	5.11E-03	1.45E-04	3.54E-05	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Propylene Dichloride	1.36E-05	1.76E-05	2.58E-05	4.14E-05	5.74E-05	6.98E-05	1.11E-04	1.52E-04	3.81E-05	1.93E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Quinoline	3.55E-08	8.14E-08	2.73E-07	9.08E-07	3.94E-05	3.57E-05	1.05E-04	1.46E-04	3.87E-05	6.93E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	1.01E-04	1.74E-04	2.41E-04	3.88E-04	5.45E-04	5.42E-04	1.05E-03	1.46E-03	5.05E-04	3.98E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Urban Counties	N/A	U	Trichloroethylene	9.07E-02	9.65E-02	1.10E-01	1.49E-01	2.08E-01	2.69E-01	3.75E-01	4.57E-01	6.86E-02	5.81E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	All Urban Counties	N/A	U	Vinyl Chloride	3.50E-04	5.17E-04	8.69E-04	2.96E-03	9.71E-03	1.37E-02	1.80E-02	2.16E-02	8.94E-03	7.76E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Acetaldehyde	7.05E-02	8.16E-02	1.15E-01	1.83E-01	1.99E-01	2.70E-01	3.44E-01	3.67E-01	1.75E-04	3.11E-02	1.21E-01	4.74E-02	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Acrolein	2.16E-02	2.44E-02	3.11E-02	4.33E-02	4.90E-02	5.82E-02	7.72E-02	9.26E-02	2.53E-05	2.62E-02	1.51E-02	7.69E-03	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Acrylonitrile	3.08E-05	4.16E-05	7.78E-05	1.71E-04	3.72E-04	2.90E-04	4.28E-04	5.00E-04	8.21E-05	2.90E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Arsenic Compounds	4.03E-06	6.00E-06	1.35E-05	3.03E-05	6.51E-05	5.34E-05	1.22E-04	2.03E-04	2.29E-05	4.17E-05	3.23E-07	1.61E-07	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Benzene	5.75E-01	5.85E-01	6.25E-01	7.17E-01	7.86E-01	8.71E-01	1.04E+00	1.15E+00	3.28E-03	7.23E-02	1.73E-01	5.73E-02	4.80E-01
Pennsylvania	All Rural Counties	N/A	R	Beryllium Compounds	6.66E-07	8.94E-07	1.54E-06	3.60E-06	1.40E-05	8.81E-06	1.56E-05	2.12E-05	1.22E-06	1.28E-05	0.00E+00	1.19E-09	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	1,3-Butadiene	7.12E-03	7.98E-03	1.12E-02	1.78E-02	3.03E-02	4.38E-02	6.53E-02	7.73E-02	2.06E-06	9.64E-03	1.68E-02	3.84E-03	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Cadmium Compounds	3.25E-06	3.99E-06	6.12E-06	1.42E-05	6.74E-04	5.09E-05	6.01E-04	1.32E-03	9.23E-06	6.64E-04	0.00E+00	1.66E-08	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.80E-01	8.82E-01	1.61E-06	9.20E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	All Rural Counties	N/A	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.36E-02	8.53E-02	8.40E-02	8.73E-02	9.23E-02	1.67E-03	6.28E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	All Rural Counties	N/A	R	Chromium Compounds	2.81E-05	4.19E-05	8.53E-05	2.42E-04	9.52E-04	7.11E-04	2.41E-03	4.19E-03	8.28E-05	8.27E-04	2.05E-05	2.12E-05	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	1.37E-03	2.81E-03	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	1,3-Dichloropropene	4.03E-03	5.22E-03	8.11E-03	1.76E-02	3.44E-02	4.75E-02	8.19E-02	1.10E-01	0.00E+00	3.44E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Diesel Particulate Matter	6.02E-01	7.59E-01	8.91E-01	1.09E+00	1.17E+00	1.42E+00	1.70E+00	1.87E+00	0.00E+00	0.00E+00	4.86E-01	6.88E-01	***
Pennsylvania	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	4.59E-08	1.91E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.32E-02	6.11E-02	6.35E-02	7.30E-02	2.22E-03	2.34E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	All Rural Counties	N/A	R	Ethylene Oxide	5.29E-05	7.72E-05	1.53E-04	3.78E-04	1.00E-03	1.15E-03	2.35E-03	3.97E-03	6.90E-07	9.99E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Formaldehyde	3.75E-01	3.92E-01	4.37E-01	5.36E-01	5.95E-01	6.71E-01	8.11E-01	9.22E-01	1.01E-02	1.39E-01	1.12E-01	8.35E-02	2.50E-01
Pennsylvania	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	9.31E-05	9.32E-05	0.00E+00	5.99E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	All Rural Counties	N/A	R	Hydrazine	1.27E-10	3.00E-10	8.91E-10	4.46E-09	6.94E-08	3.01E-08	1.40E-07	3.41E-07	6.53E-11	6.93E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Lead Compounds	8.17E-05	1.04E-04	2.00E-04	4.72E-04	2.98E-03	1.45E-03	4.45E-03	1.19E-02	5.73E-04	2.29E-03	2.88E-05	8.47E-05	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Manganese Compounds	9.13E-05	1.29E-04	2.32E-04	6.08E-04	1.37E-03	1.29E-03	3.10E-03	5.70E-03	2.72E-04	1.07E-03	8.41E-06	2.28E-05	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Mercury Compounds	1.52E-03	1.53E-03	1.54E-03	1.57E-03	1.59E-03	1.61E-03	1.68E-03	1.76E-03	1.62E-05	6.92E-05	2.80E-07	5.81E-06	1.50E-03
Pennsylvania	All Rural Counties	N/A	R	Methylene Chloride	1.59E-01	1.62E-01	1.71E-01	2.15E-01	2.76E-01	2.99E-01	4.38E-01	5.26E-01	4.06E-02	8.54E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	All Rural Counties	N/A	R	Nickel Compounds	4.30E-05	6.14E-05	1.30E-04	4.04E-04	1.38E-03	1.01E-03	2.68E-03	5.03E-03	1.18E-04	1.23E-03	1.59E-05	1.46E-05	0.00E+00
Pennsylvania	All Rural Counties	N/A	R	Perchloroethylene	1.43E-01	1.44E-01	1.47E-01	1.56E-01	1.76E-01	1.85E-01	2.26E-01	2.58E-01	2.12E-03	3.36E-02	0.00E+00	0.00E+00	1.40E-01

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																		
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	
Pennsylvania	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	4.50E-12	0.00E+00	0.00E+00	3.80E-04	
Pennsylvania	All Rural Counties	N/A	R	Polycyclic Organic Matter	5.81E-03	6.59E-03	9.48E-03	1.87E-02	3.11E-02	4.47E-02	6.97E-02	8.93E-02	7.14E-04	3.03E-02	1.46E-04	2.54E-05	0.00E+00	
Pennsylvania	All Rural Counties	N/A	R	7-PAH	5.50E-04	6.16E-04	8.07E-04	1.23E-03	1.96E-03	2.70E-03	4.04E-03	5.12E-03	3.44E-08	1.88E-03	6.47E-05	1.21E-05	0.00E+00	
Pennsylvania	All Rural Counties	N/A	R	Propylene Dichloride	1.57E-06	2.12E-06	4.14E-06	1.02E-05	1.23E-05	1.79E-05	2.58E-05	2.97E-05	4.97E-06	7.30E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	All Rural Counties	N/A	R	Quinoline	2.69E-09	5.49E-09	1.36E-08	3.61E-08	5.85E-07	1.81E-07	5.77E-07	1.22E-06	4.04E-07	1.81E-07	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	4.09E-06	1.02E-05	2.04E-05	7.30E-05	9.16E-05	1.41E-04	2.09E-04	2.39E-04	4.75E-05	4.41E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	All Rural Counties	N/A	R	Trichloroethylene	8.21E-02	8.25E-02	8.40E-02	9.01E-02	1.10E-01	1.06E-01	1.45E-01	2.13E-01	9.97E-03	1.94E-02	0.00E+00	0.00E+00	8.10E-02	
Pennsylvania	All Rural Counties	N/A	R	Vinyl Chloride	1.42E-05	2.94E-05	5.94E-05	2.04E-04	2.61E-04	4.04E-04	5.55E-04	6.37E-04	1.12E-04	1.49E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	Acetaldehyde	2.50E-01	2.83E-01	3.11E-01	3.55E-01	3.43E-01	3.72E-01	4.11E-01	4.11E-01	1.23E-04	4.29E-02	2.19E-01	8.12E-02	0.00E+00	
Pennsylvania	Adams	42001	R	Acrolein	4.20E-02	4.69E-02	4.77E-02	5.38E-02	5.99E-02	5.98E-02	7.15E-02	1.59E-01	1.39E-05	2.14E-02	2.65E-02	1.20E-02	0.00E+00	
Pennsylvania	Adams	42001	R	Acrylonitrile	2.21E-04	2.23E-04	2.34E-04	2.41E-04	2.55E-04	2.78E-04	3.12E-04	3.28E-04	6.53E-05	1.90E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	Arsenic Compounds	1.52E-05	1.76E-05	2.33E-05	3.21E-05	3.68E-05	5.70E-05	7.09E-05	7.56E-05	2.30E-05	1.36E-05	1.37E-07	3.52E-09	0.00E+00	
Pennsylvania	Adams	42001	R	Benzene	6.89E-01	7.80E-01	7.94E-01	8.31E-01	8.60E-01	9.39E-01	1.00E+00	1.08E+00	3.47E-04	5.55E-02	2.26E-01	9.85E-02	4.80E-01	
Pennsylvania	Adams	42001	R	Beryllium Compounds	1.81E-06	1.91E-06	3.08E-06	3.41E-06	4.78E-06	6.23E-06	1.09E-05	1.28E-05	1.15E-06	3.63E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	1,3-Butadiene	6.43E-03	1.53E-02	1.67E-02	1.87E-02	2.78E-02	3.21E-02	4.59E-02	1.15E-01	0.00E+00	8.22E-03	1.39E-02	5.61E-03	0.00E+00	
Pennsylvania	Adams	42001	R	Cadmium Compounds	7.35E-06	8.18E-06	1.13E-05	1.28E-05	1.49E-05	1.72E-05	2.54E-05	2.91E-05	3.22E-06	1.17E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	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	1.20E-07	1.32E-04	0.00E+00	0.00E+00	8.80E-01	
Pennsylvania	Adams	42001	R	Chloroform	8.36E-02	8.37E-02	8.39E-02	8.39E-02	8.40E-02	8.41E-02	8.43E-02	8.44E-02	6.96E-07	9.56E-04	0.00E+00	0.00E+00	8.30E-02	
Pennsylvania	Adams	42001	R	Chromium Compounds	1.17E-04	1.25E-04	1.40E-04	2.38E-04	2.91E-04	3.63E-04	6.47E-04	9.13E-04	1.47E-05	2.39E-04	9.22E-06	2.89E-05	0.00E+00	
Pennsylvania	Adams	42001	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	
Pennsylvania	Adams	42001	R	1,3-Dichloropropene	1.06E-02	1.11E-02	1.94E-02	2.25E-02	2.79E-02	3.59E-02	5.17E-02	7.14E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	Diesel Particulate Matter	1.37E+00	1.50E+00	1.61E+00	1.64E+00	1.72E+00	1.81E+00	2.01E+00	2.36E+00	0.00E+00	0.00E+00	6.89E-01	1.03E+00	***	
Pennsylvania	Adams	42001	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	3.65E-08	9.41E-08	0.00E+00	0.00E+00	7.70E-03	
Pennsylvania	Adams	42001	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	1.03E-05	2.53E-05	0.00E+00	0.00E+00	6.10E-02	
Pennsylvania	Adams	42001	R	Ethylene Oxide	1.49E-04	1.54E-04	2.20E-04	3.06E-04	4.52E-04	3.65E-04	9.27E-04	2.25E-03	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	Formaldehyde	5.14E-01	5.78E-01	6.00E-01	6.51E-01	6.84E-01	7.23E-01	8.20E-01	1.21E+00	1.26E-03	1.15E-01	1.80E-01	1.38E-01	2.50E-01	
Pennsylvania	Adams	42001	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	1.16E-07	0.00E+00	0.00E+00	9.30E-05	
Pennsylvania	Adams	42001	R	Hydrazine	1.34E-10	1.44E-10	2.73E-10	3.67E-10	5.97E-10	7.99E-10	1.40E-09	2.23E-09	0.00E+00	5.97E-10	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	Lead Compounds	1.71E-04	1.76E-04	2.04E-04	2.99E-04	3.43E-04	5.40E-04	5.66E-04	6.28E-04	2.94E-05	2.08E-04	1.26E-05	9.32E-05	0.00E+00	
Pennsylvania	Adams	42001	R	Manganese Compounds	2.59E-04	2.80E-04	4.51E-04	5.48E-04	6.31E-04	7.61E-04	9.75E-04	1.18E-03	5.17E-05	5.44E-04	3.53E-06	3.16E-05	0.00E+00	
Pennsylvania	Adams	42001	R	Mercury Compounds	1.56E-03	1.57E-03	1.60E-03	1.62E-03	1.64E-03	1.63E-03	1.87E-03	1.88E-03	2.07E-05	1.10E-04	1.23E-07	8.39E-06	1.50E-03	
Pennsylvania	Adams	42001	R	Methylene Chloride	1.93E-01	1.96E-01	2.21E-01	2.44E-01	3.41E-01	2.88E-01	5.24E-01	1.65E+00	1.18E-01	7.29E-02	0.00E+00	0.00E+00	1.50E-01	
Pennsylvania	Adams	42001	R	Nickel Compounds	8.67E-05	9.37E-05	1.57E-04	1.89E-04	3.42E-04	2.59E-04	9.59E-04	1.72E-03	2.06E-05	3.01E-04	7.12E-06	1.32E-05	0.00E+00	
Pennsylvania	Adams	42001	R	Perchloroethylene	1.52E-01	1.53E-01	1.67E-01	1.71E-01	1.85E-01	1.97E-01	2.54E-01	2.86E-01	1.19E-04	4.52E-02	0.00E+00	0.00E+00	1.40E-01	
Pennsylvania	Adams	42001	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	
Pennsylvania	Adams	42001	R	Polycyclic Organic Matter	1.18E-02	1.56E-02	1.86E-02	2.18E-02	2.59E-02	3.16E-02	4.51E-02	6.05E-02	1.10E-06	2.58E-02	6.80E-05	4.41E-05	0.00E+00	
Pennsylvania	Adams	42001	R	7-PAH	8.19E-04	1.05E-03	1.13E-03	1.30E-03	1.64E-03	2.01E-03	3.11E-03	4.16E-03	3.01E-07	1.59E-03	3.02E-05	2.15E-05	0.00E+00	
Pennsylvania	Adams	42001	R	Propylene Dichloride	1.24E-05	1.27E-05	1.32E-05	1.35E-05	1.44E-05	1.57E-05	1.80E-05	1.90E-05	3.95E-06	1.04E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	Quinoline	3.86E-09	4.33E-09	8.01E-09	1.12E-08	1.30E-08	1.71E-08	2.25E-08	2.66E-08	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	1,1,2,2-Tetrachloroethane	9.84E-05	1.01E-04	1.07E-04	1.11E-04	1.18E-04	1.30E-04	1.51E-04	1.60E-04	3.62E-05	8.18E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Adams	42001	R	Trichloroethylene	8.37E-02	8.39E-02	8.64E-02	8.79E-02	9.22E-02	9.24E-02	1.15E-01	1.22E-01	1.42E-03	9.76E-03	0.00E+00	0.00E+00	8.10E-02	
Pennsylvania	Adams	42001	R	Vinyl Chloride	2.45E-04	2.54E-04	2.65E-04	2.85E-04	3.11E-04	3.68E-04	4.30E-04	4.45E-04	8.91E-05	2.22E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Allegheny	42003	U	Acetaldehyde	5.22E-01	5.70E-01	6.29E-01	6.95E-01	7.85E-01	7.75E-01	8.68E-01	9.86E-01	5.41E-05	3.58E-02	4.29E-01	3.20E-01	0.00E+00	
Pennsylvania	Allegheny	42003	U	Acrolein	6.93E-02	7.45E-02	8.20E-02	9.25E-02	1.08E-01	1.07E-01	1.23E-01	1.43E-01	2.23E-04	1.47E-02	4.37E-02	4.91E-02	0.00E+00	
Pennsylvania	Allegheny	42003	U	Acrylonitrile	3.27E-04	3.75E-04	4.20E-04	4.67E-04	6.03E-04	5.46E-04	7.62E-04	1.11E-03	1.62E-04	4.41E-04	0.00E+00	0.00E+		

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Allegheny	42003	U	Diesel Particulate Matter	1.45E+00	1.51E+00	1.65E+00	1.83E+00	2.22E+00	2.18E+00	2.60E+00	3.07E+00	0.00E+00	0.00E+00	7.48E-01	1.47E+00	***
Pennsylvania	Allegheny	42003	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	9.08E-08	4.49E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Allegheny	42003	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	2.41E-05	9.04E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Allegheny	42003	U	Ethylene Oxide	1.56E-03	1.88E-03	2.40E-03	3.51E-03	4.34E-03	5.15E-03	7.78E-03	9.80E-03	3.10E-04	4.03E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Allegheny	42003	U	Formaldehyde	8.10E-01	8.41E-01	9.15E-01	9.92E-01	1.20E+00	1.15E+00	1.33E+00	1.56E+00	2.59E-03	4.87E-02	3.35E-01	5.67E-01	2.50E-01
Pennsylvania	Allegheny	42003	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.81E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Allegheny	42003	U	Hydrazine	2.77E-08	3.29E-08	5.41E-08	8.27E-08	1.45E-07	1.60E-07	3.30E-07	4.82E-07	0.00E+00	1.45E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Allegheny	42003	U	Lead Compounds	2.98E-03	3.15E-03	3.45E-03	4.27E-03	5.41E-03	5.31E-03	7.90E-03	1.14E-02	6.46E-04	3.09E-03	5.31E-05	1.62E-03	0.00E+00
Pennsylvania	Allegheny	42003	U	Manganese Compounds	2.13E-03	2.34E-03	2.77E-03	3.56E-03	4.13E-03	4.48E-03	5.44E-03	6.54E-03	2.00E-03	1.78E-03	1.56E-05	3.30E-04	0.00E+00
Pennsylvania	Allegheny	42003	U	Mercury Compounds	1.84E-03	1.86E-03	1.90E-03	2.00E-03	2.33E-03	2.19E-03	2.51E-03	2.87E-03	3.20E-05	7.53E-04	5.12E-07	4.23E-05	1.50E-03
Pennsylvania	Allegheny	42003	U	Methylene Chloride	2.49E-01	2.66E-01	2.94E-01	3.33E-01	3.56E-01	3.92E-01	4.60E-01	5.18E-01	6.66E-04	2.05E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Allegheny	42003	U	Nickel Compounds	1.31E-03	1.48E-03	1.87E-03	2.25E-03	3.19E-03	3.47E-03	5.62E-03	7.78E-03	4.18E-04	1.03E-03	2.96E-05	1.71E-03	0.00E+00
Pennsylvania	Allegheny	42003	U	Perchloroethylene	2.18E-01	2.30E-01	2.57E-01	2.93E-01	3.09E-01	3.36E-01	3.93E-01	4.44E-01	3.26E-04	1.69E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Allegheny	42003	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Allegheny	42003	U	Polycyclic Organic Matter	4.71E-02	5.37E-02	6.64E-02	8.09E-02	8.84E-02	1.05E-01	1.29E-01	1.52E-01	9.04E-03	7.90E-02	2.70E-04	1.08E-04	0.00E+00
Pennsylvania	Allegheny	42003	U	7-PAH	2.11E-03	2.43E-03	2.98E-03	3.74E-03	4.17E-03	4.99E-03	6.35E-03	7.37E-03	4.34E-08	4.01E-03	1.20E-04	3.32E-05	0.00E+00
Pennsylvania	Allegheny	42003	U	Propylene Dichloride	1.76E-05	2.12E-05	2.37E-05	2.62E-05	3.23E-05	3.15E-05	4.15E-05	5.80E-05	9.83E-06	2.24E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Allegheny	42003	U	Quinoline	3.82E-05	4.64E-05	6.54E-05	9.90E-05	1.69E-04	1.43E-04	2.35E-04	4.50E-04	1.68E-04	5.38E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Allegheny	42003	U	1,1,2,2-Tetrachloroethane	2.26E-04	2.58E-04	3.33E-04	4.83E-04	8.32E-04	7.09E-04	1.28E-03	1.93E-03	8.21E-04	1.14E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Allegheny	42003	U	Trichloroethylene	1.04E-01	1.06E-01	1.11E-01	1.20E-01	1.28E-01	1.37E-01	1.59E-01	1.76E-01	3.27E-03	4.42E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Allegheny	42003	U	Vinyl Chloride	6.88E-04	7.53E-04	8.75E-04	1.05E-03	1.30E-03	1.40E-03	2.15E-03	2.65E-03	2.22E-04	1.08E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Armstrong	42005	R	Acetaldehyde	9.54E-02	1.14E-01	1.41E-01	2.03E-01	2.22E-01	2.97E-01	3.93E-01	4.13E-01	2.65E-05	2.46E-02	1.46E-01	5.16E-02	0.00E+00
Pennsylvania	Armstrong	42005	R	Acrolein	2.40E-02	2.46E-02	2.74E-02	3.66E-02	4.02E-02	5.14E-02	6.08E-02	7.11E-02	3.99E-05	1.58E-02	1.63E-02	8.07E-03	0.00E+00
Pennsylvania	Armstrong	42005	R	Acrylonitrile	5.07E-05	7.56E-05	8.81E-05	1.61E-04	1.96E-04	2.90E-04	3.41E-04	5.80E-04	7.42E-05	1.22E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Armstrong	42005	R	Arsenic Compounds	2.34E-05	2.54E-05	3.12E-05	3.86E-05	4.18E-05	4.82E-05	6.51E-05	7.06E-05	2.90E-05	9.30E-06	3.78E-07	3.16E-06	0.00E+00
Pennsylvania	Armstrong	42005	R	Benzene	6.01E-01	6.11E-01	6.40E-01	7.20E-01	7.49E-01	8.53E-01	9.27E-01	1.13E+00	1.24E-02	5.43E-02	1.57E-01	4.59E-02	4.80E-01
Pennsylvania	Armstrong	42005	R	Beryllium Compounds	1.73E-06	1.85E-06	2.49E-06	3.42E-06	4.31E-06	6.77E-06	7.86E-06	1.09E-05	1.51E-06	2.77E-06	0.00E+00	2.45E-08	0.00E+00
Pennsylvania	Armstrong	42005	R	1,3-Butadiene	8.87E-03	9.03E-03	1.06E-02	1.42E-02	2.09E-02	3.12E-02	3.99E-02	5.79E-02	3.67E-06	5.60E-03	1.28E-02	2.50E-03	0.00E+00
Pennsylvania	Armstrong	42005	R	Cadmium Compounds	5.60E-06	6.75E-06	1.23E-05	1.61E-05	2.14E-05	3.06E-05	4.66E-05	5.79E-05	6.04E-06	1.51E-05	0.00E+00	3.40E-07	0.00E+00
Pennsylvania	Armstrong	42005	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	1.36E-07	9.42E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Armstrong	42005	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.36E-02	8.37E-02	8.39E-02	8.42E-02	8.45E-02	7.91E-07	6.74E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Armstrong	42005	R	Chromium Compounds	1.19E-04	1.28E-04	2.61E-04	3.68E-04	3.58E-04	4.07E-04	6.24E-04	7.04E-04	1.43E-04	1.55E-04	2.36E-05	3.73E-05	0.00E+00
Pennsylvania	Armstrong	42005	R	Coke Oven Emissions	0.00E+00	0.00E+00	4.46E-04	5.87E-04	6.22E-03	1.74E-02	1.89E-02	2.00E-02	6.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Armstrong	42005	R	1,3-Dichloropropene	5.72E-03	6.77E-03	1.01E-02	1.69E-02	2.49E-02	4.57E-02	5.10E-02	7.82E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Armstrong	42005	R	Diesel Particulate Matter	8.40E-01	8.76E-01	9.26E-01	9.91E-01	1.05E+00	1.18E+00	1.29E+00	1.53E+00	0.00E+00	0.00E+00	4.56E-01	5.89E-01	***
Pennsylvania	Armstrong	42005	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	4.15E-08	7.98E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Armstrong	42005	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	1.12E-05	2.78E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Armstrong	42005	R	Ethylene Oxide	7.28E-05	8.14E-05	1.47E-04	3.93E-04	5.25E-04	7.02E-04	1.42E-03	1.95E-03	1.40E-05	5.11E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Armstrong	42005	R	Formaldehyde	3.96E-01	4.06E-01	4.37E-01	5.29E-01	5.67E-01	7.16E-01	8.93E-01	9.51E-01	5.87E-05	1.09E-01	1.20E-01	8.87E-02	2.50E-01
Pennsylvania	Armstrong	42005	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	0.00E+00	3.14E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Armstrong	42005	R	Hydrazine	3.85E-10	6.25E-10	1.75E-09	4.23E-09	1.04E-08	1.98E-08	3.31E-08	3.86E-08	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Armstrong	42005	R	Lead Compounds	8.46E-05	3.03E-04	5.01E-04	6.52E-04	8.77E-04	1.34E-03	2.05E-03	2.36E-03	5.92E-04	2.44E-04	3.29E-05	8.52E-06	0.00E+00
Pennsylvania	Armstrong	42005	R	Manganese Compounds	1.55E-04	8.38E-04	1.20E-03	1.84E-03	2.25E-03	3.24E-03	4.88E-03	5.88E-03	1.73E-03	4.68E-04	9.60E-06	3.60E-05	0.00E+00
Pennsylvania	Armstrong	42005	R	Mercury Compounds	1.53E-03	1.54E-03	1.56E-03	1.58E-03	1.60E-03	1.64E-03	1.70E-03	1.71E-03	1.57E-05	7.38E-05	3.24E-07	6.26E-06	1.50E-03
Pennsylvania	Armstrong	42005	R	Methylene Chloride	1.60E-01	1.62E-01	1.71E-01										

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Beaver	42007	U	Acetaldehyde	2.88E-01	3.01E-01	3.41E-01	3.89E-01	4.06E-01	4.64E-01	5.56E-01	6.07E-01	5.39E-05	2.79E-02	2.45E-01	1.33E-01	0.00E+00
Pennsylvania	Beaver	42007	U	Acrolein	4.16E-02	4.25E-02	5.07E-02	5.58E-02	5.82E-02	6.45E-02	7.84E-02	8.22E-02	1.20E-04	1.42E-02	2.56E-02	1.83E-02	0.00E+00
Pennsylvania	Beaver	42007	U	Acrylonitrile	1.18E-04	1.34E-04	1.60E-04	1.80E-04	1.95E-04	2.23E-04	2.83E-04	2.99E-04	7.19E-05	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	Arsenic Compounds	5.67E-05	6.10E-05	6.98E-05	8.43E-05	1.07E-04	9.85E-05	1.34E-04	2.52E-04	4.53E-05	5.67E-05	3.46E-07	5.01E-06	0.00E+00
Pennsylvania	Beaver	42007	U	Benzene	7.28E-01	7.53E-01	7.93E-01	9.13E-01	9.09E-01	9.66E-01	1.12E+00	1.17E+00	1.66E-02	4.72E-02	2.77E-01	8.86E-02	4.80E-01
Pennsylvania	Beaver	42007	U	Beryllium Compounds	7.76E-06	8.19E-06	1.23E-05	1.52E-05	4.33E-05	1.79E-05	8.61E-05	2.15E-04	2.35E-06	4.09E-05	0.00E+00	4.09E-08	0.00E+00
Pennsylvania	Beaver	42007	U	1,3-Butadiene	1.43E-02	1.50E-02	1.75E-02	3.28E-02	3.37E-02	4.10E-02	5.71E-02	6.97E-02	1.32E-05	3.44E-03	2.23E-02	8.00E-03	0.00E+00
Pennsylvania	Beaver	42007	U	Cadmium Compounds	3.02E-04	3.56E-04	5.73E-04	1.06E-03	2.06E-03	1.72E-03	3.22E-03	4.92E-03	2.22E-05	2.04E-03	0.00E+00	5.70E-07	0.00E+00
Pennsylvania	Beaver	42007	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.72E-06	1.99E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Beaver	42007	U	Chloroform	8.39E-02	8.40E-02	8.41E-02	8.42E-02	8.43E-02	8.45E-02	8.48E-02	8.49E-02	5.06E-06	1.32E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Beaver	42007	U	Chromium Compounds	2.78E-03	3.21E-03	5.05E-03	9.49E-03	1.91E-02	2.37E-02	4.93E-02	5.96E-02	1.08E-04	1.89E-02	2.16E-05	6.28E-05	0.00E+00
Pennsylvania	Beaver	42007	U	Coke Oven Emissions	8.13E-04	8.55E-04	1.51E-03	8.63E-03	8.65E-03	1.71E-02	1.88E-02	1.94E-02	8.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	1,3-Dichloropropene	1.52E-02	1.73E-02	2.50E-02	4.73E-02	4.76E-02	5.86E-02	8.26E-02	1.06E-01	0.00E+00	4.76E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	Diesel Particulate Matter	1.16E+00	1.18E+00	1.24E+00	1.40E+00	1.45E+00	1.55E+00	1.87E+00	2.00E+00	0.00E+00	0.00E+00	5.62E-01	8.88E-01	***
Pennsylvania	Beaver	42007	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.02E-08	7.17E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Beaver	42007	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.72E-05	3.31E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Beaver	42007	U	Ethylene Oxide	5.03E-04	5.70E-04	7.74E-04	1.23E-03	1.48E-03	1.85E-03	2.45E-03	3.65E-03	3.58E-05	1.45E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	Formaldehyde	5.81E-01	5.87E-01	6.61E-01	7.11E-01	7.27E-01	7.75E-01	8.95E-01	9.25E-01	2.46E-04	6.97E-02	1.96E-01	2.10E-01	2.50E-01
Pennsylvania	Beaver	42007	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.21E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Beaver	42007	U	Hydrazine	1.51E-08	2.01E-08	4.20E-08	1.13E-07	2.83E-07	3.72E-07	7.76E-07	9.46E-07	0.00E+00	2.83E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	Lead Compounds	4.79E-03	6.57E-03	8.44E-03	1.49E-02	2.53E-02	3.13E-02	6.11E-02	7.77E-02	2.80E-04	2.33E-02	3.00E-05	1.75E-03	0.00E+00
Pennsylvania	Beaver	42007	U	Manganese Compounds	2.24E-03	2.52E-03	4.53E-03	6.43E-03	1.07E-02	1.31E-02	2.50E-02	2.84E-02	1.54E-03	9.11E-03	8.73E-06	6.23E-05	0.00E+00
Pennsylvania	Beaver	42007	U	Mercury Compounds	1.70E-03	1.74E-03	1.79E-03	1.86E-03	1.96E-03	2.03E-03	2.38E-03	2.47E-03	6.06E-05	3.92E-04	2.94E-07	1.08E-05	1.50E-03
Pennsylvania	Beaver	42007	U	Methylene Chloride	1.86E-01	1.93E-01	2.05E-01	2.55E-01	2.77E-01	3.21E-01	3.89E-01	4.17E-01	2.99E-04	1.26E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Beaver	42007	U	Nickel Compounds	9.63E-04	1.16E-03	1.61E-03	2.65E-03	4.64E-03	5.95E-03	1.10E-02	1.29E-02	1.09E-04	4.32E-03	1.68E-05	1.89E-04	0.00E+00
Pennsylvania	Beaver	42007	U	Perchloroethylene	1.57E-01	1.59E-01	1.67E-01	1.95E-01	1.96E-01	2.13E-01	2.41E-01	2.51E-01	1.35E-04	5.56E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Beaver	42007	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Beaver	42007	U	Polycyclic Organic Matter	1.78E-02	2.25E-02	2.97E-02	4.56E-02	4.61E-02	5.32E-02	7.48E-02	8.58E-02	6.54E-03	3.93E-02	1.55E-04	4.92E-05	0.00E+00
Pennsylvania	Beaver	42007	U	7-PAH	1.01E-03	1.06E-03	1.31E-03	2.22E-03	2.20E-03	2.54E-03	3.44E-03	4.36E-03	4.31E-08	2.12E-03	6.88E-05	1.33E-05	0.00E+00
Pennsylvania	Beaver	42007	U	Propylene Dichloride	8.90E-06	1.02E-05	1.13E-05	1.38E-05	1.65E-05	1.80E-05	2.92E-05	3.18E-05	4.35E-06	1.21E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	Quinoline	1.77E-07	2.25E-07	4.93E-07	6.86E-05	5.78E-05	9.55E-05	1.05E-04	1.12E-04	5.69E-05	8.65E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	1,1,2,2-Tetrachloroethane	1.55E-04	1.61E-04	1.71E-04	1.96E-04	2.23E-04	2.66E-04	3.39E-04	3.59E-04	2.04E-04	1.95E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Beaver	42007	U	Trichloroethylene	9.48E-02	9.63E-02	1.01E-01	1.05E-01	1.11E-01	1.10E-01	1.20E-01	1.42E-01	9.38E-03	2.07E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Beaver	42007	U	Vinyl Chloride	4.09E-04	4.78E-04	5.92E-04	9.41E-04	1.58E-03	1.97E-03	3.67E-03	4.35E-03	9.82E-05	1.49E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	Acetaldehyde	7.21E-02	7.62E-02	7.87E-02	9.49E-02	1.05E-01	1.12E-01	1.16E-01	1.23E-01	1.55E-03	2.54E-02	5.77E-02	2.01E-02	0.00E+00
Pennsylvania	Bedford	42009	R	Acrolein	2.03E-02	2.07E-02	2.50E-02	2.70E-02	3.39E-02	3.42E-02	4.08E-02	9.26E-02	2.86E-05	2.38E-02	7.28E-03	2.84E-03	0.00E+00
Pennsylvania	Bedford	42009	R	Acrylonitrile	1.21E-04	1.26E-04	1.28E-04	1.75E-04	1.80E-04	2.22E-04	2.46E-04	2.88E-04	3.79E-05	1.42E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	Arsenic Compounds	2.63E-06	3.59E-06	4.52E-06	5.25E-06	8.42E-06	1.34E-05	1.62E-05	2.35E-05	4.44E-06	3.83E-06	1.46E-07	7.35E-10	0.00E+00
Pennsylvania	Bedford	42009	R	Benzene	5.58E-01	5.62E-01	5.69E-01	5.85E-01	6.23E-01	6.14E-01	6.49E-01	9.75E-01	1.48E-04	6.30E-02	6.81E-02	1.21E-02	4.80E-01
Pennsylvania	Bedford	42009	R	Beryllium Compounds	6.57E-07	6.81E-07	6.86E-07	1.17E-06	1.49E-06	1.35E-06	1.41E-06	6.26E-06	3.70E-07	1.12E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	1,3-Butadiene	5.66E-03	7.02E-03	7.63E-03	8.77E-03	1.53E-02	1.24E-02	2.00E-02	7.21E-02	0.00E+00	9.09E-03	5.43E-03	7.88E-04	0.00E+00
Pennsylvania	Bedford	42009	R	Cadmium Compounds	2.18E-06	2.23E-06	2.27E-06	3.04E-06	3.79E-06	3.85E-06	4.29E-06	1.13E-05	8.60E-07	2.93E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	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	1.00E-05	1.15E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Bedford	42009	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.35E-02	8.36E-02	8.38E-02	8.43E-02	2.36E-04	2.27E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Bedford	42009	R	Chromium Compounds	1.64E-05	1.89E-05	1.94E-05	3.27E-05	3.70E-05	4.72E-05	5.95E-05	8.00E-05	3.71E-06	1.56E-05	9.18E-06	8.50E-06	0.00E+00
Pennsylvania	Bedford	42009	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
Pennsylvania	Bedford	42009	R	1,3-Dichloropropene	3.35E-03	4.14E-03	4.88E-03	6.49E-03	8.79E-03	8.22E-03	9.47E-03	3.52E-02	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	Diesel Particulate Matter	8.18E-01	8.26E-01	8.46E-01	8.83E-01	9.20E-01	9.48E-01	9.78E-01	1.28E+00	0.00E+00	0.00E+00	3.87E-01	5.33E-01	***
Pennsylvania	Bedford	42009	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	2.12E-08	7.88E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Bedford	42009	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	4.99E-06	2.65E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Bedford	42009	R	Ethylene Oxide	4.81E-05	1.04E-04	1.20E-04	1.60E-04	2.33E-04	2.16E-04	2.91E-04	1.01E-03	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	Formaldehyde	3.72E-01	3.75E-01	3.96E-01	4.04E-01	4.71E-01	4.46E-01	5.03E-01	1.02E+00	8.76E-03	1.27E-01	5.07E-02	3.48E-02	2.50E-01
Pennsylvania	Bedford	42009	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	4.68E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Bedford	42009	R	Hydrazine	5.55E-11	9.45E-11	1.27E-10	1.53E-10	3.05E-10	5.30E-10	6.48E-10	1.00E-09	0.00E+00	3.05E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	Lead Compounds	7.49E-05	8.46E-05	8.66E-05	9.92E-05	1.38E-04	1.84E-04	2.59E-04	2.81E-04	1.05E-05	5.61E-05	1.28E-05	5.89E-05	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Bedford	42009	R	Manganese Compounds	4.74E-05	5.58E-05	6.90E-05	9.57E-05	1.21E-04	1.22E-04	1.24E-04	4.44E-04	7.75E-06	9.99E-05	3.75E-06	9.25E-06	0.00E+00
Pennsylvania	Bedford	42009	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.78E-06	1.95E-05	1.25E-07	2.44E-06	1.50E-03
Pennsylvania	Bedford	42009	R	Methylene Chloride	1.59E-01	1.60E-01	1.62E-01	1.69E-01	1.83E-01	1.80E-01	1.93E-01	3.14E-01	7.58E-03	2.50E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Bedford	42009	R	Nickel Compounds	2.49E-05	3.44E-05	4.14E-05	9.09E-05	1.31E-04	1.35E-04	1.91E-04	5.36E-04	6.35E-06	1.13E-04	7.14E-06	3.93E-06	0.00E+00
Pennsylvania	Bedford	42009	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.45E-01	1.47E-01	1.46E-01	1.47E-01	1.77E-01	1.31E-04	7.36E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Bedford	42009	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
Pennsylvania	Bedford	42009	R	Polycyclic Organic Matter	5.17E-03	5.21E-03	6.03E-03	7.75E-03	1.12E-02	9.91E-03	1.17E-02	4.65E-02	1.45E-04	1.09E-02	6.54E-05	4.52E-06	0.00E+00
Pennsylvania	Bedford	42009	R	7-PAH	4.80E-04	5.29E-04	5.56E-04	6.76E-04	9.69E-04	8.95E-04	1.13E-03	3.59E-03	3.78E-09	9.38E-04	2.90E-05	1.76E-06	0.00E+00
Pennsylvania	Bedford	42009	R	Propylene Dichloride	7.03E-06	7.45E-06	7.52E-06	1.03E-05	1.06E-05	1.32E-05	1.45E-05	1.71E-05	2.30E-06	8.35E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	Quinoline	1.46E-09	1.68E-09	2.40E-09	3.57E-09	5.72E-09	1.03E-08	1.05E-08	1.59E-08	0.00E+00	5.72E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	1,1,2,2-Tetrachloroethane	6.10E-05	6.38E-05	6.44E-05	9.20E-05	9.41E-05	1.18E-04	1.29E-04	1.54E-04	2.10E-05	7.30E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bedford	42009	R	Trichloroethylene	8.16E-02	8.18E-02	8.18E-02	8.22E-02	8.40E-02	8.31E-02	8.32E-02	1.01E-01	4.07E-05	2.98E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Bedford	42009	R	Vinyl Chloride	1.50E-04	1.58E-04	1.59E-04	2.27E-04	2.33E-04	2.93E-04	3.18E-04	3.81E-04	5.18E-05	1.81E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	Acetaldehyde	3.50E-01	3.96E-01	5.15E-01	5.81E-01	5.64E-01	6.34E-01	6.91E-01	7.06E-01	7.37E-04	3.24E-02	3.93E-01	1.38E-01	0.00E+00
Pennsylvania	Berks	42011	U	Acrolein	5.22E-02	5.73E-02	7.20E-02	8.69E-02	8.49E-02	9.55E-02	1.13E-01	1.16E-01	8.01E-06	1.99E-02	4.43E-02	2.07E-02	0.00E+00
Pennsylvania	Berks	42011	U	Acrylonitrile	7.67E-04	7.85E-04	9.02E-04	9.90E-04	1.05E-03	1.16E-03	1.41E-03	1.52E-03	6.97E-04	3.53E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	Arsenic Compounds	1.45E-05	2.30E-05	4.14E-05	5.92E-05	6.42E-05	8.27E-05	1.18E-04	1.29E-04	1.22E-05	5.17E-05	3.24E-07	2.28E-08	0.00E+00
Pennsylvania	Berks	42011	U	Benzene	8.45E-01	9.12E-01	1.06E+00	1.30E+00	1.36E+00	1.58E+00	1.84E+00	2.06E+00	1.92E-03	7.50E-02	5.46E-01	2.53E-01	4.80E-01
Pennsylvania	Berks	42011	U	Beryllium Compounds	2.10E-05	3.27E-05	5.07E-05	1.28E-04	2.09E-04	2.58E-04	4.89E-04	9.08E-04	6.24E-07	2.09E-04	0.00E+00	1.02E-10	0.00E+00
Pennsylvania	Berks	42011	U	1,3-Butadiene	2.19E-02	2.65E-02	4.19E-02	7.35E-02	8.14E-02	1.11E-01	1.47E-01	1.85E-01	0.00E+00	3.07E-03	5.31E-02	2.52E-02	0.00E+00
Pennsylvania	Berks	42011	U	Cadmium Compounds	1.80E-05	2.28E-05	3.45E-05	4.19E-05	4.62E-05	5.64E-05	6.80E-05	8.60E-05	2.00E-06	4.42E-05	0.00E+00	1.41E-09	0.00E+00
Pennsylvania	Berks	42011	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.28E-06	2.60E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Berks	42011	U	Chloroform	8.42E-02	8.43E-02	8.46E-02	8.49E-02	8.50E-02	8.53E-02	8.56E-02	8.59E-02	7.43E-06	1.96E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Berks	42011	U	Chromium Compounds	1.53E-03	2.52E-03	3.97E-03	9.98E-03	2.25E-02	2.88E-02	5.42E-02	7.48E-02	6.13E-03	1.63E-02	2.11E-05	4.74E-05	0.00E+00
Pennsylvania	Berks	42011	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	1,3-Dichloropropene	1.85E-02	2.94E-02	4.12E-02	8.88E-02	1.13E-01	1.52E-01	2.25E-01	3.13E-01	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	Diesel Particulate Matter	1.88E+00	2.01E+00	2.19E+00	2.38E+00	2.47E+00	2.65E+00	3.06E+00	3.36E+00	0.00E+00	0.00E+00	9.66E-01	1.51E+00	***
Pennsylvania	Berks	42011	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	3.90E-07	1.22E-06	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Berks	42011	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.18E-02	1.43E-04	7.68E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Berks	42011	U	Ethylene Oxide	4.13E-04	5.90E-04	7.94E-04	1.55E-03	2.13E-03	2.53E-03	5.05E-03	5.92E-03	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	Formaldehyde	6.46E-01	6.87E-01	8.11E-01	9.00E-01	8.91E-01	9.66E-01	1.07E+00	1.11E+00	1.87E-04	6.31E-02	3.43E-01	2.34E-01	2.50E-01
Pennsylvania	Berks	42011	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	8.31E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Berks	42011	U	Hydrazine	1.23E-08	2.36E-08	6.41E-08	1.85E-07	4.26E-07	5.17E-07	1.10E-06	2.26E-06	0.00E+00	4.26E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	Lead Compounds	1.71E-03	2.12E-03	3.12E-03	5.33E-03	7.05E-03	8.27E-03	1.26E-02	1.56E-02	1.86E-05	6.87E-03	2.94E-05	1.38E-04	0.00E+00
Pennsylvania	Berks	42011	U	Manganese Compounds	6.88E-04	9.67E-04	1.49E-03	3.44E-03	6.12E-03	7.81E-03	1.28E-02	1.82E-02	1.08E-03	4.97E-03	8.49E-06	5.63E-05	0.00E+00
Pennsylvania	Berks	42011	U	Mercury Compounds	1.65E-03	1.69E-03	1.73E-03	1.77E-03	1.77E-03	1.79E-03	1.85E-03	2.00E-03	3.92E-05	2.20E-04	2.85E-07	1.31E-05	1.50E-03
Pennsylvania	Berks	42011	U	Methylene Chloride	2.56E-01	2.60E-01	3.09E-01	4.41E-01	5.21E-01	5.98E-01	9.64E-01	1.22E+00	1.98E-02	3.51E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Berks	42011	U	Nickel Compounds	1.28E-03	2.19E-03	3.29E-03	9.27E-03	2.20E-02	2.86E-02	5.11E-02	7.52E-02	5.91E-03	1.60E-02	1.63E-05	2.56E-05	0.00E+00
Pennsylvania	Berks	42011	U	Perchloroethylene	1.67E-01	1.82E-01	1.99E-01	2.77E-01	2.98E-01	3.59E-01	4.66E-01	5.53E-01	2.61E-03	1.55E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Berks	42011	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Berks	42011	U	Polycyclic Organic Matter	1.67E-02	2.64E-02	3.50E-02	7.45E-02	8.79E-02	1.21E-01	1.75E-01	2.18E-01	7.00E-07	8.76E-02	1.51E-04	7.91E-05	0.00E+00
Pennsylvania	Berks	42011	U	7-PAH	1.04E-03	1.49E-03	2.02E-03	3.66E-03	4.51E-03	5.71E-03	8.58E-03	1.13E-02	5.94E-07	4.40E-03	6.69E-05	3.90E-05	0.00E+00
Pennsylvania	Berks	42011	U	Propylene Dichloride	5.03E-05	5.21E-05	5.93E-05	6.67E-05	7.11E-05	7.77E-05	1.04E-04	1.05E-04	4.22E-05	2.89E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	Quinoline	1.85E-07	2.35E-07	3.51E-07	8.13E-07	1.35E-06	1.66E-06	3.07E-06	5.92E-06	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Berks	42011	U	1,1,2,2-Tetrachloroethane	3.68E-04	3.80E-04	4.21E-04	5.01E-04	5.22E-04	5.84E-04	7.00E-04						

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Blair	42013	R	Carbon Tetrachloride	8.81E-01	8.82E-01	8.83E-01	8.88E-01	8.94E-01	8.98E-01	9.15E-01	9.31E-01	6.17E-09	1.45E-02	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Blair	42013	R	Chloroform	8.35E-02	8.36E-02	8.37E-02	8.41E-02	8.42E-02	8.45E-02	8.47E-02	8.48E-02	3.59E-08	1.15E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Blair	42013	R	Chromium Compounds	1.53E-04	2.59E-04	5.88E-04	1.22E-03	2.10E-03	2.54E-03	4.96E-03	7.17E-03	4.33E-05	2.01E-03	1.24E-05	2.72E-05	0.00E+00
Pennsylvania	Blair	42013	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
Pennsylvania	Blair	42013	R	1,3-Dichloropropene	1.00E-02	1.25E-02	2.78E-02	5.61E-02	6.20E-02	9.53E-02	1.16E-01	1.40E-01	0.00E+00	6.20E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Blair	42013	R	Diesel Particulate Matter	9.56E-01	1.00E+00	1.11E+00	1.36E+00	1.39E+00	1.60E+00	1.70E+00	1.84E+00	0.00E+00	0.00E+00	5.86E-01	8.07E-01	***
Pennsylvania	Blair	42013	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	1.88E-09	7.22E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Blair	42013	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.06E-06	3.26E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Blair	42013	R	Ethylene Oxide	4.71E-04	8.07E-04	1.79E-03	3.10E-03	3.68E-03	4.97E-03	7.44E-03	1.01E-02	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Blair	42013	R	Formaldehyde	4.69E-01	4.72E-01	5.51E-01	6.34E-01	6.57E-01	7.08E-01	9.00E-01	9.80E-01	1.10E-03	1.29E-01	1.76E-01	1.01E-01	2.50E-01
Pennsylvania	Blair	42013	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	5.89E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Blair	42013	R	Hydrazine	7.17E-09	1.58E-08	4.86E-08	1.50E-07	3.15E-07	3.89E-07	8.14E-07	1.24E-06	0.00E+00	3.15E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Blair	42013	R	Lead Compounds	3.69E-04	5.53E-04	1.07E-03	2.01E-03	2.75E-03	3.28E-03	5.81E-03	8.23E-03	2.68E-04	2.36E-03	1.74E-05	1.05E-04	0.00E+00
Pennsylvania	Blair	42013	R	Manganese Compounds	1.84E-04	2.43E-04	4.70E-04	9.26E-04	9.26E-04	1.35E-03	1.64E-03	1.81E-03	1.44E-04	7.47E-04	5.10E-06	3.05E-05	0.00E+00
Pennsylvania	Blair	42013	R	Mercury Compounds	1.58E-03	1.58E-03	1.62E-03	1.67E-03	1.67E-03	1.70E-03	1.75E-03	1.84E-03	1.33E-05	1.51E-04	1.68E-07	7.57E-06	1.50E-03
Pennsylvania	Blair	42013	R	Methylene Chloride	1.70E-01	1.71E-01	1.92E-01	2.66E-01	2.84E-01	3.46E-01	4.33E-01	5.22E-01	1.06E-03	1.33E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Blair	42013	R	Nickel Compounds	2.84E-04	3.67E-04	7.94E-04	1.52E-03	2.53E-03	2.94E-03	5.88E-03	8.57E-03	4.65E-05	2.46E-03	9.65E-06	1.35E-05	0.00E+00
Pennsylvania	Blair	42013	R	Perchloroethylene	1.49E-01	1.53E-01	1.70E-01	2.17E-01	2.20E-01	2.64E-01	2.96E-01	3.11E-01	1.20E-05	8.00E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Blair	42013	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
Pennsylvania	Blair	42013	R	Polycyclic Organic Matter	1.06E-02	1.23E-02	2.51E-02	5.70E-02	5.60E-02	8.62E-02	9.29E-02	1.17E-01	2.57E-06	5.59E-02	8.79E-05	1.71E-05	0.00E+00
Pennsylvania	Blair	42013	R	7-PAH	8.51E-04	8.81E-04	1.63E-03	3.08E-03	3.05E-03	4.52E-03	4.91E-03	5.68E-03	5.24E-08	3.00E-03	3.90E-05	7.55E-06	0.00E+00
Pennsylvania	Blair	42013	R	Propylene Dichloride	4.11E-06	4.46E-06	5.87E-06	8.18E-06	1.14E-05	1.28E-05	2.33E-05	3.09E-05	2.04E-07	1.12E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Blair	42013	R	Quinoline	5.22E-08	9.73E-08	1.81E-07	4.85E-07	8.79E-07	1.07E-06	2.13E-06	3.11E-06	0.00E+00	8.79E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Blair	42013	R	1,1,2,2-Tetrachloroethane	7.08E-06	1.20E-05	1.71E-05	2.04E-05	2.07E-05	2.22E-05	3.08E-05	3.20E-05	1.87E-06	1.88E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Blair	42013	R	Trichloroethylene	8.29E-02	8.31E-02	8.64E-02	9.73E-02	1.04E-01	1.11E-01	1.40E-01	1.66E-01	1.96E-05	2.25E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Blair	42013	R	Vinyl Chloride	3.27E-05	4.64E-05	5.96E-05	6.66E-05	7.67E-05	8.66E-05	1.13E-04	1.44E-04	4.60E-06	7.21E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	Acetaldehyde	7.27E-02	7.84E-02	9.13E-02	1.07E-01	1.17E-01	1.24E-01	1.67E-01	2.34E-01	7.73E-07	2.34E-02	6.86E-02	2.55E-02	0.00E+00
Pennsylvania	Bradford	42015	R	Acrolein	2.56E-02	2.72E-02	2.80E-02	3.04E-02	3.74E-02	3.37E-02	5.57E-02	9.66E-02	3.93E-07	2.51E-02	8.79E-03	3.59E-03	0.00E+00
Pennsylvania	Bradford	42015	R	Acrylonitrile	8.41E-05	1.07E-04	1.22E-04	1.30E-04	1.32E-04	1.38E-04	1.63E-04	2.07E-04	4.87E-06	1.28E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	Arsenic Compounds	2.17E-06	2.85E-06	3.44E-06	7.66E-06	1.25E-05	1.73E-05	2.55E-05	4.97E-05	9.84E-07	1.13E-05	2.31E-07	1.19E-09	0.00E+00
Pennsylvania	Bradford	42015	R	Benzene	5.70E-01	5.75E-01	5.88E-01	5.95E-01	6.41E-01	6.30E-01	8.00E-01	9.02E-01	6.47E-04	6.14E-02	8.28E-02	1.64E-02	4.80E-01
Pennsylvania	Bradford	42015	R	Beryllium Compounds	3.71E-07	4.88E-07	6.11E-07	8.66E-07	2.05E-06	1.67E-06	6.43E-06	8.74E-06	3.66E-08	2.02E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	1,3-Butadiene	7.65E-03	8.01E-03	8.11E-03	9.38E-03	1.73E-02	1.26E-02	3.62E-02	6.94E-02	0.00E+00	9.11E-03	7.10E-03	1.06E-03	0.00E+00
Pennsylvania	Bradford	42015	R	Cadmium Compounds	2.78E-06	3.09E-06	4.83E-06	9.63E-06	1.05E-05	1.32E-05	2.10E-05	2.39E-05	1.80E-06	8.67E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	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	1.19E-05	3.07E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Bradford	42015	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	8.35E-02	8.36E-02	4.04E-06	3.00E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Bradford	42015	R	Chromium Compounds	1.71E-05	2.81E-05	4.72E-05	8.65E-05	8.18E-05	1.20E-04	1.41E-04	1.50E-04	2.03E-05	3.58E-05	1.45E-05	1.12E-05	0.00E+00
Pennsylvania	Bradford	42015	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
Pennsylvania	Bradford	42015	R	1,3-Dichloropropene	3.85E-03	4.54E-03	6.39E-03	7.40E-03	1.53E-02	1.66E-02	3.84E-02	5.57E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	Diesel Particulate Matter	7.26E-01	7.59E-01	7.87E-01	8.57E-01	9.29E-01	9.37E-01	9.82E-01	1.89E+00	0.00E+00	0.00E+00	3.69E-01	5.60E-01	***
Pennsylvania	Bradford	42015	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	2.72E-09	8.34E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Bradford	42015	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	6.63E-07	2.14E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Bradford	42015	R	Ethylene Oxide	4.31E-05	5.36E-05	7.37E-05	1.86E-04	6.38E-04	3.63E-04	2.82E-03	3.25E-03	3.75E-06	6.35E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	Formaldehyde	3.84E-01	3.87E-01	4.15E-01	4.36E-01	5.07E-01	6.08E-01	6.21E-01	9.40E-01	3.44E-02	1.14E-01	6.25E-02	4.53E-02	2.50E-01
Pennsylvania	Bradford	42015	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.38E-05	0.00E+00	1.14E-07	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Bradford	42015	R	Hydrazine	2.98E-10	3.30E-10	1.07E-09	3.03E-09	6.91E-09	8.65E-09	1.56E-08	3.87E-08	2.80E-09	4.11E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	Lead Compounds	4.54E-05	5.70E-05	7.62E-05	1.82E-04	2.11E-04	3.18E-04	4.18E-04	4.51E-04	1.55E-05	1.60E-04	2.03E-05	1.50E-05	0.00E+00
Pennsylvania	Bradford	42015	R	Manganese Compounds	1.36E-04	1.63E-04	1.88E-04	2.75E-04	4.86E-04	6.09E-04	1.42E-03	1.69E-03	1.20E-06	4.67E-04	5.92E-06	1.22E-05	0.00E+00
Pennsylvania	Bradford	42015	R	Mercury Compounds	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.57E-03	4.78E-07	3.17E-05	2.00E-07	3.21E-06	1.50E-03
Pennsylvania	Bradford	42015	R	Methylene Chloride	1.97E-01	2.13E-01	2.24E-01	2.85E-01	4.77E-01	3.67E-01	7.54E-01	2.59E+00	2.86E-01	4.05E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Bradford	42015	R	Nickel Compounds	2.34E-05	3.36E-05	3.69E-05	5.70E-05	1.68E-04	1.18E-04	3.32E-04	1.18E-03	8.14E-07	1.51E-04	1.12E-05	5.18E-06	0.00E+00
Pennsylvania	Bradford	42015	R	Perchloroethylene	1.42E-01	1.43E-01	1.44E-01	1.45E-01	1.51E-01	1.49E-01	1.70E-01	1.88E-01	2.60E-04	1.07E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Bradford	42015	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
Pennsylvania	Bradford	42015	R	Polycyclic Organic Matter	5.62E-03	6.29E-03	7.58E-03	8.50E-03	1.57E-02	1.50E-02	4.52E-02	4.72E-02	3.44E-08	1.56E-02	1.04E-04	5.35E-06	0.00E+00
Pennsylvania	Bradford	42015	R	7-PAH	6.15E-04	6.61E-04	6.96E-04	7.76E-04	1.24E-03	1.11E-03	2.70E-03	3.69E-03	7.00E-10	1.19E-03	4.62E-05	2.36E-06	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Bradford	42015	R	Propylene Dichloride	4.81E-06	6.23E-06	6.96E-06	7.58E-06	7.68E-06	8.11E-06	9.34E-06	1.21E-05	2.95E-07	7.38E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	Quinoline	1.22E-09	1.60E-09	2.11E-09	1.38E-08	2.32E-08	3.61E-08	5.71E-08	1.02E-07	0.00E+00	2.32E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	1,1,2,2-Tetrachloroethane	4.12E-05	5.28E-05	5.69E-05	6.29E-05	6.49E-05	6.79E-05	8.11E-05	1.06E-04	2.70E-06	6.22E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bradford	42015	R	Trichloroethylene	8.17E-02	8.19E-02	8.25E-02	8.32E-02	8.66E-02	8.41E-02	9.30E-02	1.17E-01	4.11E-05	5.59E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Bradford	42015	R	Vinyl Chloride	1.02E-04	1.31E-04	1.42E-04	1.57E-04	1.61E-04	1.67E-04	2.00E-04	2.61E-04	6.65E-06	1.54E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	Acetaldehyde	7.54E-01	8.37E-01	1.07E+00	1.21E+00	1.17E+00	1.31E+00	1.39E+00	1.44E+00	1.12E-03	8.65E-02	7.32E-01	3.55E-01	0.00E+00
Pennsylvania	Bucks	42017	U	Acrolein	9.03E-02	9.85E-02	1.23E-01	1.36E-01	1.33E-01	1.48E-01	1.56E-01	1.60E-01	1.15E-05	1.66E-02	7.27E-02	4.37E-02	0.00E+00
Pennsylvania	Bucks	42017	U	Acrylonitrile	1.73E-03	1.78E-03	1.95E-03	2.31E-03	2.70E-03	2.81E-03	3.43E-03	3.80E-03	2.42E-03	2.75E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	Arsenic Compounds	4.71E-05	6.18E-05	8.12E-05	1.07E-04	1.07E-04	1.32E-04	1.51E-04	1.64E-04	2.01E-05	7.79E-05	7.46E-07	8.40E-06	0.00E+00
Pennsylvania	Bucks	42017	U	Benzene	1.11E+00	1.25E+00	1.51E+00	1.63E+00	1.61E+00	1.78E+00	1.92E+00	1.94E+00	4.14E-02	7.43E-02	6.64E-01	3.53E-01	4.80E-01
Pennsylvania	Bucks	42017	U	Beryllium Compounds	8.46E-06	1.11E-05	1.49E-05	1.89E-05	1.91E-05	2.32E-05	2.62E-05	2.75E-05	1.01E-06	1.80E-05	0.00E+00	5.76E-08	0.00E+00
Pennsylvania	Bucks	42017	U	1,3-Butadiene	2.61E-02	3.12E-02	4.15E-02	5.54E-02	5.56E-02	6.53E-02	7.96E-02	9.15E-02	4.06E-07	1.71E-03	3.75E-02	1.63E-02	0.00E+00
Pennsylvania	Bucks	42017	U	Cadmium Compounds	7.89E-05	1.07E-04	1.60E-04	2.12E-04	2.14E-04	2.65E-04	3.19E-04	3.46E-04	1.49E-05	1.98E-04	0.00E+00	7.98E-07	0.00E+00
Pennsylvania	Bucks	42017	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	4.08E-06	6.25E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Bucks	42017	U	Chloroform	8.58E-02	8.63E-02	8.71E-02	8.83E-02	9.05E-02	8.90E-02	9.03E-02	1.07E-01	3.03E-03	4.45E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Bucks	42017	U	Chromium Compounds	9.01E-04	1.18E-03	1.85E-03	2.42E-03	2.57E-03	3.21E-03	3.78E-03	4.24E-03	5.20E-04	1.85E-03	4.86E-05	1.54E-04	0.00E+00
Pennsylvania	Bucks	42017	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	1,3-Dichloropropene	3.92E-02	5.34E-02	8.89E-02	1.18E-01	1.12E-01	1.38E-01	1.59E-01	1.74E-01	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	Diesel Particulate Matter	2.59E+00	2.66E+00	2.95E+00	3.19E+00	3.24E+00	3.39E+00	3.72E+00	4.10E+00	0.00E+00	0.00E+00	1.09E+00	2.14E+00	***
Pennsylvania	Bucks	42017	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.25E-06	7.89E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Bucks	42017	U	Ethylene Dichloride	6.24E-02	6.25E-02	7.09E-02	7.43E-02	7.50E-02	7.94E-02	8.41E-02	8.59E-02	1.38E-02	1.32E-04	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Bucks	42017	U	Ethylene Oxide	1.28E-03	1.49E-03	2.51E-03	3.46E-03	3.72E-03	4.51E-03	5.85E-03	6.27E-03	1.83E-04	3.53E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	Formaldehyde	1.05E+00	1.12E+00	1.40E+00	1.55E+00	1.51E+00	1.66E+00	1.74E+00	1.78E+00	2.31E-03	8.33E-02	5.93E-01	5.84E-01	2.50E-01
Pennsylvania	Bucks	42017	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	9.06E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Bucks	42017	U	Hydrazine	1.28E-08	1.82E-08	4.32E-08	7.99E-08	3.53E-07	2.19E-07	6.67E-07	1.36E-06	1.78E-07	1.75E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	Lead Compounds	1.60E-03	1.79E-03	2.19E-03	3.83E-03	3.61E-03	4.66E-03	5.24E-03	5.83E-03	1.41E-04	2.33E-03	6.70E-05	1.07E-03	0.00E+00
Pennsylvania	Bucks	42017	U	Manganese Compounds	9.61E-04	1.09E-03	1.65E-03	2.07E-03	2.10E-03	2.56E-03	3.04E-03	3.18E-03	1.77E-04	1.74E-03	1.93E-05	1.58E-04	0.00E+00
Pennsylvania	Bucks	42017	U	Mercury Compounds	2.04E-03	2.14E-03	2.22E-03	2.35E-03	2.38E-03	2.44E-03	2.65E-03	2.91E-03	1.48E-04	6.98E-04	6.50E-07	3.30E-05	1.50E-03
Pennsylvania	Bucks	42017	U	Methylene Chloride	3.31E-01	3.51E-01	4.27E-01	5.15E-01	5.63E-01	6.35E-01	7.62E-01	9.52E-01	3.53E-02	3.77E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Bucks	42017	U	Nickel Compounds	6.87E-04	8.54E-04	1.39E-03	1.81E-03	1.92E-03	2.31E-03	2.99E-03	3.30E-03	1.69E-04	1.40E-03	3.77E-05	3.04E-04	0.00E+00
Pennsylvania	Bucks	42017	U	Perchloroethylene	1.86E-01	2.02E-01	2.46E-01	2.78E-01	2.77E-01	3.10E-01	3.37E-01	3.48E-01	4.18E-03	1.32E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Bucks	42017	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.82E-04	3.83E-04	3.83E-04	3.84E-04	3.85E-04	3.85E-04	0.00E+00	2.88E-06	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Bucks	42017	U	Polycyclic Organic Matter	3.85E-02	4.69E-02	8.55E-02	1.04E-01	9.96E-02	1.23E-01	1.35E-01	1.48E-01	5.20E-03	9.40E-02	3.34E-04	9.62E-05	0.00E+00
Pennsylvania	Bucks	42017	U	7-PAH	2.26E-03	2.73E-03	4.44E-03	5.37E-03	5.16E-03	6.18E-03	6.89E-03	7.54E-03	2.05E-06	4.97E-03	1.49E-04	3.84E-05	0.00E+00
Pennsylvania	Bucks	42017	U	Propylene Dichloride	1.01E-04	1.05E-04	1.15E-04	1.32E-04	1.53E-04	1.57E-04	1.89E-04	2.08E-04	1.35E-04	1.78E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	Quinoline	2.01E-07	2.39E-07	5.09E-07	7.36E-07	9.03E-07	1.08E-06	1.75E-06	2.37E-06	0.00E+00	9.03E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	1,1,2,2-Tetrachloroethane	8.01E-04	8.27E-04	9.09E-04	1.11E-03	1.27E-03	1.31E-03	1.59E-03	1.78E-03	1.23E-03	3.24E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Bucks	42017	U	Trichloroethylene	1.68E-01	1.77E-01	2.11E-01	2.43E-01	2.64E-01	3.05E-01	3.81E-01	4.08E-01	1.31E-01	5.20E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Bucks	42017	U	Vinyl Chloride	5.67E-03	6.84E-03	9.58E-03	1.49E-02	1.55E-02	1.84E-02	2.30E-02	2.56E-02	1.40E-02	1.52E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	Acetaldehyde	1.54E-01	1.91E-01	2.42E-01	3.21E-01	3.14E-01	3.60E-01	4.51E-01	4.59E-01	1.74E-05	2.47E-02	2.00E-01	8.90E-02	0.00E+00
Pennsylvania	Butler	42019	U	Acrolein	3.55E-02	3.72E-02	4.30E-02	4.81E-02	5.01E-02	5.77E-02	6.65E-02	7.14E-02	2.90E-05	1.44E-02	2.24E-02	1.32E-02	0.00E+00
Pennsylvania	Butler	42019	U	Acrylonitrile	1.74E-04	1.92E-04	2.28E-04	2.43E-04	2.51E-04	2.77E-04	3.15E-04	3.32E-04	1.23E-05	2.38E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	Arsenic Compounds	2.87E-05	2.97E-05	3.67E-05	4.24E-05	4.71E-05	5.33E-05	7.89E-05	8.30E-05	2.01E-05	2.22E-05	6.53E-07	4.19E-06	0.00E+00
Pennsylvania	Butler	42019	U	Benzene	6.73E-01	6.92E-01	7.65E-01	8.52E-01	8.91E-01	9.44E-01	1.14E+00	1.39E+00	1.32E-02	6.38E-02	2.17E-01	1.17E-01	4.80E-01
Pennsylvania	Butler	42019	U	Beryllium Compounds	5.67E-06	6.49E-06	7.83E-06	1.06E-05	1.15E-05	1.47E-05	1.59E-05	2.29E-05	1.05E-06	1.04E-05	0.00E+00	3.10E-08	0.00E+00
Pennsylvania	Butler	42019	U	1,3-Butadiene	1.47E-02	1.50E-02	1.57E-02	2.21E-02	3.31E-02	3.94E-02	7.22E-02	9.94E-02	2.96E-06	4.00E-03	1.82E-02	1.09E-02	0.00E+00
Pennsylvania	Butler	42019	U	Cadmium Compounds	4.69E-05	6.13E-05	1.68E-04	2.05E-04	2.09E-04	2.68E-04	3.26E-04	3.56E-04	1.29E-05	1.96E-04	0.00E+00	4.31E-07	0.00E+00
Pennsylvania	Butler	42019	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.47E-06	1.47E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Butler	42019	U	Chloroform	8.35E-02	8.37E-02	8.39E-02	8.41E-02	8.41E-02	8.44E-02	8.46E-02	8.46E-02	3.07E-06	1.10E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Butler	42019	U	Chromium Compounds	6.71E-04	7.10E-04	1.11E-03	1.74E-03	2.41E-03	3.37E-03	5.83E-03	6.06E-03	8.59E-04	1.45E-03	4.12E-05	5.11E-05	0.00E+00
Pennsylvania	Butler	42019	U	Coke Oven Emissions	4.16E-04	4.55E-04	1.81E-03	3.75E-03	5.77E-03	5.13E-03	1.98E-02	2.47E-02	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	1,3-Dichloropropene	8.73E-03	1.44E-02	2.17E-02	3.18E-02	4.50E-02	5.02E-02	1.08E-01	1.44E-01	0.00E+00	4.50E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	Diesel Particulate Matter	1.03E+00	1.07E+00	1.11E+00	1.17E+00	1.24E+00	1.34E+00	1.48E+00	1.67E+00	0.00E+00	0.00E+00	4.99E-01	7.36E-01	***
Pennsylvania	Butler	42019	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.90E-09	3.47E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Butler	42019	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	5.63E-06	4.63E-05	0.00E+00	0.00E+00	6.10E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Pennsylvania																	
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
Pennsylvania	Butler	42019	U	Ethylene Oxide	1.62E-04	2.42E-04	6.24E-04	8.25E-04	9.34E-04	1.25E-03	1.64E-03	2.29E-03	4.28E-05	8.91E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	Formaldehyde	4.76E-01	4.84E-01	5.57E-01	6.33E-01	6.26E-01	7.04E-01	7.39E-01	7.81E-01	7.02E-05	6.11E-02	1.63E-01	1.52E-01	2.50E-01
Pennsylvania	Butler	42019	U	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	4.00E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Butler	42019	U	Hydrazine	4.74E-09	4.87E-09	1.98E-08	3.38E-08	8.47E-08	8.19E-08	3.32E-07	4.28E-07	0.00E+00	8.47E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	Lead Compounds	7.11E-04	1.10E-03	1.53E-03	2.56E-03	2.57E-03	3.32E-03	4.26E-03	5.05E-03	3.95E-04	1.68E-03	5.78E-05	4.40E-04	0.00E+00
Pennsylvania	Butler	42019	U	Manganese Compounds	1.31E-03	1.63E-03	2.07E-03	2.75E-03	4.19E-03	4.58E-03	1.07E-02	1.30E-02	1.18E-03	2.94E-03	1.69E-05	5.08E-05	0.00E+00
Pennsylvania	Butler	42019	U	Mercury Compounds	1.56E-03	1.59E-03	1.64E-03	1.67E-03	1.68E-03	1.71E-03	1.78E-03	1.81E-03	3.61E-05	1.31E-04	5.64E-07	8.68E-06	1.50E-03
Pennsylvania	Butler	42019	U	Methylene Chloride	1.78E-01	1.87E-01	1.99E-01	2.23E-01	2.53E-01	2.88E-01	4.08E-01	5.16E-01	9.20E-05	1.03E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Butler	42019	U	Nickel Compounds	6.08E-04	7.49E-04	1.18E-03	1.54E-03	2.40E-03	2.59E-03	6.54E-03	8.12E-03	4.02E-04	1.82E-03	3.19E-05	1.48E-04	0.00E+00
Pennsylvania	Butler	42019	U	Perchloroethylene	1.49E-01	1.55E-01	1.67E-01	1.77E-01	1.86E-01	1.96E-01	2.34E-01	2.72E-01	2.58E-05	4.57E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Butler	42019	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Butler	42019	U	Polycyclic Organic Matter	1.08E-02	1.41E-02	2.26E-02	3.25E-02	4.05E-02	4.65E-02	8.26E-02	1.15E-01	2.81E-03	3.74E-02	2.92E-04	4.71E-05	0.00E+00
Pennsylvania	Butler	42019	U	7-PAH	9.19E-04	9.26E-04	1.23E-03	1.64E-03	2.14E-03	2.28E-03	4.31E-03	5.96E-03	1.33E-08	1.99E-03	1.30E-04	2.01E-05	0.00E+00
Pennsylvania	Butler	42019	U	Propylene Dichloride	1.10E-05	1.16E-05	1.45E-05	1.57E-05	1.61E-05	1.89E-05	1.95E-05	2.09E-05	7.47E-07	1.54E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	Quinoline	5.56E-08	5.65E-08	1.43E-07	2.76E-07	5.72E-06	1.15E-06	2.86E-05	3.77E-05	5.41E-06	3.11E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	1,1,2,2-Tetrachloroethane	9.27E-05	1.14E-04	2.17E-04	2.57E-04	2.72E-04	3.12E-04	5.06E-04	5.92E-04	1.81E-04	9.10E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Butler	42019	U	Trichloroethylene	8.49E-02	8.67E-02	9.00E-02	9.25E-02	9.59E-02	1.00E-01	1.09E-01	1.23E-01	1.62E-03	1.32E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Butler	42019	U	Vinyl Chloride	2.58E-04	2.89E-04	3.40E-04	3.76E-04	3.98E-04	4.58E-04	5.38E-04	5.89E-04	1.68E-05	3.81E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cambria	42021	R	Acetaldehyde	1.29E-01	1.30E-01	1.43E-01	1.57E-01	1.61E-01	1.74E-01	2.04E-01	2.07E-01	7.64E-05	1.96E-02	1.07E-01	3.44E-02	0.00E+00
Pennsylvania	Cambria	42021	R	Acrolein	2.72E-02	2.75E-02	3.02E-02	3.29E-02	3.60E-02	4.24E-02	4.70E-02	5.31E-02	1.46E-05	1.81E-02	1.27E-02	5.23E-03	0.00E+00
Pennsylvania	Cambria	42021	R	Acrylonitrile	1.19E-04	1.28E-04	1.59E-04	2.51E-04	2.31E-04	2.80E-04	3.14E-04	3.20E-04	1.10E-04	1.21E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cambria	42021	R	Arsenic Compounds	2.31E-05	2.65E-05	3.09E-05	3.47E-05	3.67E-05	4.21E-05	4.77E-05	5.67E-05	2.35E-05	1.31E-05	8.23E-08	2.41E-09	0.00E+00
Pennsylvania	Cambria	42021	R	Benzene	6.38E-01	6.41E-01	6.58E-01	7.55E-01	7.52E-01	8.36E-01	8.75E-01	8.86E-01	4.09E-04	4.44E-02	1.93E-01	3.40E-02	4.80E-01
Pennsylvania	Cambria	42021	R	Beryllium Compounds	2.19E-06	2.38E-06	2.85E-06	4.83E-06	5.17E-06	6.81E-06	8.32E-06	8.58E-06	1.22E-06	3.95E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cambria	42021	R	1,3-Butadiene	1.26E-02	1.26E-02	1.57E-02	3.12E-02	3.05E-02	4.29E-02	5.03E-02	5.62E-02	0.00E+00	5.89E-03	2.21E-02	2.59E-03	0.00E+00
Pennsylvania	Cambria	42021	R	Cadmium Compounds	9.38E-06	9.50E-06	9.95E-06	1.21E-05	1.37E-05	1.70E-05	1.96E-05	2.14E-05	3.11E-06	1.06E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cambria	42021	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	2.02E-07	1.75E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Cambria	42021	R	Chloroform	8.34E-02	8.34E-02	8.35E-02	8.35E-02	8.36E-02	8.37E-02	8.38E-02	8.39E-02	1.18E-06	5.99E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Cambria	42021	R	Chromium Compounds	6.84E-05	7.10E-05	8.17E-05	1.17E-04	2.06E-04	2.39E-04	4.52E-04	5.99E-04	1.53E-05	1.71E-04	5.11E-06	1.53E-05	0.00E+00
Pennsylvania	Cambria	42021	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
Pennsylvania	Cambria	42021	R	1,3-Dichloropropene	8.80E-03	1.01E-02	1.35E-02	3.25E-02	3.63E-02	5.23E-02	6.88E-02	7.68E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cambria	42021	R	Diesel Particulate Matter	9.14E-01	9.22E-01	9.53E-01	1.09E+00	1.15E+00	1.23E+00	1.47E+00	1.58E+00	0.00E+00	0.00E+00	4.83E-01	6.70E-01	***
Pennsylvania	Cambria	42021	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	6.18E-08	8.15E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Cambria	42021	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	1.58E-05	1.77E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Cambria	42021	R	Ethylene Oxide	2.70E-04	2.97E-04	3.92E-04	5.85E-04	9.49E-04	1.24E-03	1.77E-03	2.11E-03	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cambria	42021	R	Formaldehyde	4.14E-01	4.23E-01	4.42E-01	4.83E-01	5.05E-01	5.61E-01	6.05E-01	6.25E-01	3.23E-04	8.60E-02	1.10E-01	5.86E-02	2.50E-01
Pennsylvania	Cambria	42021	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	2.19E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Cambria	42021	R	Hydrazine	6.23E-10	6.31E-10	1.40E-09	2.66E-09	7.11E-09	8.59E-09	1.85E-08	2.60E-08	0.00E+00	7.11E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cambria	42021	R	Lead Compounds	1.58E-04	1.61E-04	2.11E-04	2.39E-04	2.76E-04	2.87E-04	3.52E-04	3.92E-04	3.46E-05	1.43E-04	7.08E-06	9.19E-05	0.00E+00
Pennsylvania	Cambria	42021	R	Manganese Compounds	1.96E-04	2.08E-04	2.42E-04	4.28E-04	5.12E-04	7.10E-04	8.85E-04	9.51E-04	3.27E-05	4.60E-04	2.05E-06	1.71E-05	0.00E+00
Pennsylvania	Cambria	42021	R	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	1.58E-03	1.60E-03	1.60E-03	1.07E-05	5.65E-05	7.01E-08	4.31E-06	1.50E-03
Pennsylvania	Cambria	42021	R	Methylene Chloride	1.66E-01	1.68E-01	1.74E-01	2.09E-01	2.27E-01	2.59E-01	3.03E-01	4.08E-01	4.79E-04	7.68E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Cambria	42021	R	Nickel Compounds	2.47E-04	3.03E-04	4.91E-04	8.17E-04	4.78E-03	1.01E-03	3.06E-03	6.81E-03	1.62E-05	4.76E-03	3.97E-06	7.49E-06	0.00E+00
Pennsylvania	Cambria	42021	R	Perchloroethylene	1.46E-01	1.46E-01	1.48E-01	1.61E-01	1.65E-01	1.75E-01	1.89E-01	2.12E-01	2.02E-04	2.49E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Cambria	42021	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				

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Cameron	42023	R	Arsenic Compounds	1.56E-05	1.56E-05	1.56E-05	2.06E-05	2.06E-05	2.56E-05	2.56E-05	2.56E-05	1.35E-05	6.98E-06	1.06E-07	2.87E-10	0.00E+00
Pennsylvania	Cameron	42023	R	Benzene	5.16E-01	5.16E-01	5.16E-01	7.86E-01	7.86E-01	1.06E+00	1.06E+00	1.06E+00	3.75E-04	2.66E-01	2.82E-02	1.05E-02	4.80E-01
Pennsylvania	Cameron	42023	R	Beryllium Compounds	1.07E-06	1.07E-06	1.07E-06	2.43E-06	2.43E-06	3.79E-06	3.79E-06	3.79E-06	8.71E-07	1.56E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	1,3-Butadiene	4.09E-03	4.09E-03	4.09E-03	9.12E-02	9.12E-02	1.78E-01	1.78E-01	1.78E-01	0.00E+00	8.69E-02	3.36E-03	8.82E-04	0.00E+00
Pennsylvania	Cameron	42023	R	Cadmium Compounds	3.84E-06	3.84E-06	3.84E-06	6.21E-06	6.21E-06	8.57E-06	8.57E-06	8.57E-06	3.10E-06	3.11E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.40E-08	7.96E-06	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Cameron	42023	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	2.56E-07	1.13E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Cameron	42023	R	Chromium Compounds	3.46E-05	3.46E-05	3.46E-05	6.02E-05	6.02E-05	8.59E-05	8.59E-05	8.59E-05	1.18E-05	2.35E-05	7.28E-06	1.77E-05	0.00E+00
Pennsylvania	Cameron	42023	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
Pennsylvania	Cameron	42023	R	1,3-Dichloropropene	1.09E-03	1.09E-03	1.09E-03	1.15E-02	1.15E-02	2.19E-02	2.19E-02	2.19E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	Diesel Particulate Matter	5.20E-01	5.20E-01	5.20E-01	5.77E-01	5.77E-01	6.35E-01	6.35E-01	6.35E-01	0.00E+00	0.00E+00	2.33E-01	3.44E-01	***
Pennsylvania	Cameron	42023	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	1.34E-08	1.04E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Cameron	42023	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	4.00E-06	1.65E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Cameron	42023	R	Ethylene Oxide	1.35E-05	1.35E-05	1.35E-05	1.41E-05	1.41E-05	1.47E-05	1.47E-05	1.47E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	Formaldehyde	3.12E-01	3.12E-01	3.12E-01	9.31E-01	9.31E-01	1.55E+00	1.55E+00	1.55E+00	4.19E-04	6.06E-01	1.53E-02	5.98E-02	2.50E-01
Pennsylvania	Cameron	42023	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	8.03E-09	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Cameron	42023	R	Hydrazine	3.49E-10	3.49E-10	3.49E-10	3.49E-10	3.49E-10	3.49E-10	3.49E-10	3.49E-10	0.00E+00	3.49E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	Lead Compounds	1.98E-04	1.98E-04	1.98E-04	2.76E-04	2.76E-04	3.53E-04	3.53E-04	3.53E-04	1.41E-04	1.15E-04	1.04E-05	9.23E-06	0.00E+00
Pennsylvania	Cameron	42023	R	Manganese Compounds	1.07E-04	1.07E-04	1.07E-04	2.56E-04	2.56E-04	4.05E-04	4.05E-04	4.05E-04	3.47E-05	2.01E-04	3.00E-06	1.79E-05	0.00E+00
Pennsylvania	Cameron	42023	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	3.49E-06	7.16E-06	1.00E-07	5.07E-06	1.50E-03
Pennsylvania	Cameron	42023	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.73E-01	1.73E-01	1.95E-01	1.95E-01	1.95E-01	9.13E-05	2.31E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Cameron	42023	R	Nickel Compounds	3.00E-04	3.00E-04	3.00E-04	2.89E-03	2.89E-03	5.47E-03	5.47E-03	5.47E-03	2.18E-04	2.66E-03	5.54E-06	7.60E-06	0.00E+00
Pennsylvania	Cameron	42023	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.44E-01	1.44E-01	1.48E-01	1.48E-01	1.48E-01	4.38E-05	4.25E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Cameron	42023	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
Pennsylvania	Cameron	42023	R	Polycyclic Organic Matter	2.49E-03	2.49E-03	2.49E-03	2.70E-02	2.70E-02	5.16E-02	5.16E-02	5.16E-02	5.00E-07	2.70E-02	5.10E-05	3.22E-06	0.00E+00
Pennsylvania	Cameron	42023	R	7-PAH	3.33E-04	3.33E-04	3.33E-04	3.74E-03	3.74E-03	7.15E-03	7.15E-03	7.15E-03	1.02E-08	3.72E-03	2.26E-05	1.08E-06	0.00E+00
Pennsylvania	Cameron	42023	R	Propylene Dichloride	2.03E-06	2.03E-06	2.03E-06	2.05E-06	2.05E-06	2.07E-06	2.07E-06	2.07E-06	1.45E-06	5.98E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	Quinoline	6.60E-09	6.60E-09	6.60E-09	6.86E-09	6.86E-09	7.13E-09	7.13E-09	7.13E-09	0.00E+00	6.86E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	1,1,2,2-Tetrachloroethane	1.72E-05	1.72E-05	1.72E-05	1.75E-05	1.75E-05	1.77E-05	1.77E-05	1.77E-05	1.33E-05	4.15E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cameron	42023	R	Trichloroethylene	1.09E-01	1.09E-01	1.09E-01	1.10E-01	1.10E-01	1.12E-01	1.12E-01	1.12E-01	2.67E-02	2.72E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Cameron	42023	R	Vinyl Chloride	4.29E-05	4.29E-05	4.29E-05	4.34E-05	4.34E-05	4.40E-05	4.40E-05	4.40E-05	3.28E-05	1.07E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Acetaldehyde	1.98E-01	1.99E-01	2.12E-01	2.67E-01	2.76E-01	3.22E-01	3.72E-01	3.92E-01	3.13E-06	2.84E-02	1.74E-01	7.34E-02	0.00E+00
Pennsylvania	Carbon	42025	U	Acrolein	4.64E-02	4.69E-02	4.83E-02	5.83E-02	6.18E-02	7.25E-02	8.56E-02	9.69E-02	1.34E-04	2.61E-02	1.94E-02	1.62E-02	0.00E+00
Pennsylvania	Carbon	42025	U	Acrylonitrile	1.11E-04	1.49E-04	1.91E-04	3.25E-04	3.01E-04	3.45E-04	4.97E-04	5.02E-04	1.92E-04	1.08E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Arsenic Compounds	7.08E-06	7.09E-06	8.63E-06	1.09E-05	1.43E-05	2.17E-05	2.72E-05	3.01E-05	2.66E-06	1.14E-05	2.02E-07	3.17E-09	0.00E+00
Pennsylvania	Carbon	42025	U	Benzene	7.40E-01	7.41E-01	7.70E-01	8.56E-01	8.65E-01	9.01E-01	1.04E+00	1.17E+00	1.31E-02	6.60E-02	1.74E-01	1.32E-01	4.80E-01
Pennsylvania	Carbon	42025	U	Beryllium Compounds	1.67E-06	1.83E-06	3.25E-06	4.07E-06	4.90E-06	7.01E-06	8.75E-06	1.03E-05	1.35E-07	4.76E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	1,3-Butadiene	1.17E-02	1.24E-02	1.35E-02	2.03E-02	2.68E-02	2.93E-02	5.83E-02	6.78E-02	3.18E-05	8.69E-03	1.27E-02	5.41E-03	0.00E+00
Pennsylvania	Carbon	42025	U	Cadmium Compounds	1.45E-05	1.49E-05	1.60E-05	2.00E-05	2.09E-05	2.71E-05	2.79E-05	2.82E-05	2.71E-06	1.82E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.52E-07	1.23E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Carbon	42025	U	Chloroform	8.36E-02	8.36E-02	8.37E-02	8.40E-02	8.41E-02	8.45E-02	1.35E-01	1.36E-01	1.01E-02	9.43E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Carbon	42025	U	Chromium Compounds	9.67E-05	1.13E-04	1.58E-04	1.67E-04	2.41E-04	2.01E-04	5.65E-04	9.18E-04	4.40E-05	1.54E-04	1.31E-05	3.00E-05	0.00E+00
Pennsylvania	Carbon	42025	U	Coke Oven Emissions	3.03E-03	3.10E-03	3.44E-03	4.14E-03	4.40E-03	4.60E-03	6.60E-03	7.35E-03	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	1,3-Dichloropropene	1.28E-02	1.39E-02	1.87E-02	2.09E-02	3.13E-02	4.00E-02	6.84E-02	7.51E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Diesel Particulate Matter	1.44E+00	1.46E+00	1.50E+00	1.66E+00	1.69E+00	1.91E+00	1.93E+00	1.94E+00	0.00E+00	0.00E+00	6.78E-01	1.01E+00	***
Pennsylvania	Carbon	42025	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.07E-07	1.03E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Carbon	42025	U	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	2.35E-05	1.82E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Carbon	42025	U	Ethylene Oxide	2.62E-04	2.95E-04	3.33E-04	4.14E-04	6.37E-04	7.30E-04	1.52E-03	2.26E-03	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Formaldehyde	5.27E-01	5.33E-01	5.40E-01	6.28E-01	6.39E-01	7.02E-01	7.90E-01	8.69E-01	3.48E-03	1.08E-01	1.44E-01	1.34E-01	2.50E-01
Pennsylvania	Carbon	42025	U	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	3.17E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Carbon	42025	U	Hydrazine	1.97E-09	2.20E-09	2.91E-09	4.00E-09	6.36E-09	7.93E-09	1.60E-08	1.71E-08	0.00E+00	6.36E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Lead Compounds	2.79E-04	3.13E-04	3.49E-04	6.40E-04	8.15E-04	9.29E-04	1.84E-03	2.68E-03	5.03E-05	7.03E-04	1.81E-05	4.38E-05	0.00E+00
Pennsylvania	Carbon	42025	U	Manganese Compounds	6.79E-04	7.41E-04	1.05E-03	1.29E-03	2.92E-03	4.73E-03	8.14E-03	1.10E-02	1.18E-05	2.87E-03	5.18E-06	3.35E-05	0.00E+00
Pennsylvania	Carbon	42025	U	Mercury Compounds	1.56E-03	1.56E-03	1.57E-03	1.59E-03	1.60E-03	1.62E-03	1.68E-03	1.72E-03	3.82E-06	9.16E-05	1.76E-07	8.56E-06	1.50E-03
Pennsylvania	Carbon	42025	U	Methylene Chloride	2.55E-01	2.60E-01	2.71E-01	3.76E-01	3.73E-01	4.12E-01	5.30E-01	6.34E-01	1.50E-01	7.27E-02	0.00E+00	0.00E+00	1.50E-01

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Carbon	42025	U	Nickel Compounds	1.05E-04	1.15E-04	1.41E-04	1.71E-04	2.70E-04	3.57E-04	5.78E-04	7.64E-04	3.94E-05	2.06E-04	1.02E-05	1.43E-05	0.00E+00
Pennsylvania	Carbon	42025	U	Perchloroethylene	1.48E-01	1.49E-01	1.52E-01	1.54E-01	1.59E-01	1.67E-01	1.77E-01	1.82E-01	7.33E-04	1.82E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Carbon	42025	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Carbon	42025	U	Polycyclic Organic Matter	1.29E-02	1.36E-02	1.68E-02	1.85E-02	2.72E-02	3.34E-02	5.74E-02	6.42E-02	1.97E-07	2.71E-02	9.57E-05	5.92E-05	0.00E+00
Pennsylvania	Carbon	42025	U	7-PAH	1.06E-03	1.08E-03	1.15E-03	1.34E-03	1.90E-03	2.16E-03	3.84E-03	4.17E-03	3.17E-09	1.83E-03	4.25E-05	2.96E-05	0.00E+00
Pennsylvania	Carbon	42025	U	Propylene Dichloride	6.44E-06	8.70E-06	1.14E-05	1.88E-05	1.77E-05	2.02E-05	2.95E-05	2.98E-05	1.16E-05	6.03E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Quinoline	4.54E-08	4.82E-08	6.39E-08	7.26E-08	7.53E-08	8.73E-08	1.07E-07	1.22E-07	0.00E+00	7.53E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	1,1,2,2-Tetrachloroethane	4.24E-05	6.41E-05	8.73E-05	1.49E-04	1.42E-04	1.68E-04	2.44E-04	2.44E-04	1.07E-04	3.52E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Carbon	42025	U	Trichloroethylene	8.49E-02	8.49E-02	8.54E-02	8.83E-02	8.94E-02	8.95E-02	9.78E-02	9.97E-02	1.34E-03	7.06E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Carbon	42025	U	Vinyl Chloride	2.90E-04	3.00E-04	3.25E-04	4.39E-04	4.45E-04	4.70E-04	6.56E-04	6.59E-04	2.62E-04	1.83E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	Acetaldehyde	1.01E-01	1.15E-01	1.48E-01	1.93E-01	1.94E-01	2.40E-01	3.01E-01	3.01E-01	2.47E-05	2.47E-02	1.20E-01	4.95E-02	0.00E+00
Pennsylvania	Centre	42027	R	Acrolein	2.94E-02	3.42E-02	4.33E-02	5.44E-02	5.52E-02	6.06E-02	8.94E-02	9.42E-02	6.65E-06	3.14E-02	1.51E-02	8.77E-03	0.00E+00
Pennsylvania	Centre	42027	R	Acrylonitrile	2.01E-05	2.68E-05	5.01E-05	6.11E-05	1.09E-04	1.29E-04	2.50E-04	4.07E-04	1.82E-06	1.07E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	Arsenic Compounds	1.08E-05	1.20E-05	1.66E-05	2.30E-05	3.96E-05	5.15E-05	7.25E-05	1.60E-04	9.89E-06	2.95E-05	1.51E-07	1.96E-09	0.00E+00
Pennsylvania	Centre	42027	R	Benzene	6.05E-01	6.08E-01	6.50E-01	7.99E-01	8.90E-01	9.83E-01	1.22E+00	1.98E+00	5.28E-05	1.34E-01	2.48E-01	2.76E-02	4.80E-01
Pennsylvania	Centre	42027	R	Beryllium Compounds	1.30E-06	1.30E-06	1.71E-06	4.41E-06	1.02E-05	1.33E-05	2.29E-05	5.32E-05	5.17E-07	9.65E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	1,3-Butadiene	9.22E-03	1.17E-02	1.41E-02	3.50E-02	3.89E-02	4.80E-02	7.27E-02	1.36E-01	0.00E+00	7.12E-03	2.92E-02	2.53E-03	0.00E+00
Pennsylvania	Centre	42027	R	Cadmium Compounds	4.11E-06	4.68E-06	5.41E-06	9.88E-06	1.70E-05	2.28E-05	3.35E-05	7.73E-05	1.36E-06	1.56E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	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	3.33E-09	1.26E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Centre	42027	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.37E-02	8.38E-02	8.39E-02	8.45E-02	8.58E-02	1.94E-08	8.31E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Centre	42027	R	Chromium Compounds	7.56E-05	7.75E-05	1.42E-04	4.81E-04	8.32E-04	1.27E-03	1.64E-03	1.98E-03	6.81E-06	7.92E-04	9.92E-06	2.39E-05	0.00E+00
Pennsylvania	Centre	42027	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
Pennsylvania	Centre	42027	R	1,3-Dichloropropene	6.64E-03	6.82E-03	1.04E-02	3.81E-02	8.28E-02	9.10E-02	2.13E-01	4.48E-01	0.00E+00	8.28E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	Diesel Particulate Matter	8.02E-01	8.24E-01	9.05E-01	1.04E+00	1.06E+00	1.18E+00	1.34E+00	1.59E+00	0.00E+00	0.00E+00	4.57E-01	6.04E-01	***
Pennsylvania	Centre	42027	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	1.02E-09	1.53E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Centre	42027	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	1.36E-06	4.33E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Centre	42027	R	Ethylene Oxide	9.29E-05	9.59E-05	1.48E-04	4.78E-04	1.74E-03	1.94E-03	5.01E-03	1.06E-02	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	Formaldehyde	4.17E-01	4.23E-01	4.88E-01	5.59E-01	5.82E-01	6.41E-01	8.03E-01	8.56E-01	3.72E-05	1.08E-01	1.29E-01	9.49E-02	2.50E-01
Pennsylvania	Centre	42027	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	8.48E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Centre	42027	R	Hydrazine	1.01E-09	1.24E-09	4.31E-09	2.49E-08	6.01E-08	9.22E-08	1.26E-07	1.47E-07	0.00E+00	6.01E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	Lead Compounds	1.77E-03	1.91E-03	5.93E-03	1.17E-02	2.39E-02	2.26E-02	3.35E-02	4.26E-02	9.90E-03	1.33E-02	1.39E-05	6.81E-04	0.00E+00
Pennsylvania	Centre	42027	R	Manganese Compounds	1.19E-04	1.63E-04	2.17E-04	5.49E-04	1.05E-03	1.16E-03	2.57E-03	5.20E-03	3.87E-05	9.81E-04	4.01E-06	2.56E-05	0.00E+00
Pennsylvania	Centre	42027	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.59E-03	1.67E-03	2.95E-06	5.24E-05	1.36E-07	6.83E-06	1.50E-03
Pennsylvania	Centre	42027	R	Methylene Chloride	1.61E-01	1.63E-01	1.69E-01	2.19E-01	3.05E-01	3.78E-01	4.97E-01	8.93E-01	1.84E-03	1.53E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Centre	42027	R	Nickel Compounds	7.26E-05	7.37E-05	1.29E-04	4.65E-04	8.45E-04	1.27E-03	1.77E-03	2.46E-03	6.73E-06	8.20E-04	7.63E-06	1.10E-05	0.00E+00
Pennsylvania	Centre	42027	R	Perchloroethylene	1.49E-01	1.49E-01	1.54E-01	2.03E-01	2.80E-01	3.21E-01	4.84E-01	9.02E-01	4.32E-06	1.40E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Centre	42027	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
Pennsylvania	Centre	42027	R	Polycyclic Organic Matter	7.56E-03	9.62E-03	1.14E-02	3.36E-02	6.56E-02	7.65E-02	1.59E-01	3.34E-01	5.20E-07	6.55E-02	7.07E-05	1.57E-05	0.00E+00
Pennsylvania	Centre	42027	R	7-PAH	7.82E-04	8.52E-04	1.09E-03	3.26E-03	3.61E-03	4.05E-03	8.15E-03	1.60E-02	1.06E-08	3.58E-03	3.14E-05	3.58E-06	0.00E+00
Pennsylvania	Centre	42027	R	Propylene Dichloride	9.17E-07	1.34E-06	1.64E-06	2.89E-06	3.18E-06	3.96E-06	5.09E-06	6.58E-06	1.10E-07	3.07E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	Quinoline	2.12E-08	2.17E-08	3.16E-08	9.74E-08	1.81E-07	2.67E-07	3.56E-07	4.08E-07	0.00E+00	1.81E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	1,1,2,2-Tetrachloroethane	1.93E-06	2.02E-06	2.10E-06	2.44E-06	8.62E-06	9.30E-06	2.88E-05	3.85E-05	1.01E-06	7.61E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Centre	42027	R	Trichloroethylene	8.28E-02	8.29E-02	8.49E-02	9.14E-02	1.07E-01	1.09E-01	1.82E-01	1.96E-01	5.29E-03	2.08E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Centre	42027	R	Vinyl Chloride	6.15E-06	7.13E-06	1.01E-05	1.35E-05	2.66E-05	2.46E-05	7.69E-05	9.56E-05	2.49E-06	2.41E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	Acetaldehyde	4.94E-01	5.20E-01	6.25E-01	7.98E-01	9.54E-01	9.54E-01	1.03E+00	1.10E+00	1.88E-03	5.95E-02	4.97E-01	2.41E-01	0.00E+00
Pennsylvania	Chester	42029	U	Acrolein	6.28E-02	6.77E-02	7.94E-02	9.65E-02	9.66E-02	1.12E-01	1.23E-01	1.29E-01	1.92E-05	1.51E-02	5.12E-02	3.02E-02	0.00E+00
Pennsylvania	Chester	42029	U	Acrylonitrile	4.88E-04	5.15E-04	5.78E-04	6.87E-04	7.23E-04	7.92E-04	8.96E-04	1.05E-03	4.62E-04	2.61E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	Arsenic Compounds	3.44E-05	4.61E-05	6.83E-05	1.02E-04	9.85E-05	1.19E-04	1.44E-04	1.74E-04	4.35E-05	4.63E-05	4.53E-07	8.21E-06	0.00E+00
Pennsylvania	Chester	42029	U	Benzene	8.93E-01	9.28E-01	1.08E+00	1.26E+00	1.28E+00	1.43E+00	1.69E+00	1.84E+00	5.65E-02	6.01E-02	4.75E-01	2.09E-01	4.80E-01
Pennsylvania	Chester	42029	U	Beryllium Compounds	6.58E-06	8.53E-06	1.48E-05	1.81E-05	1.92E-05	2.21E-05	2.99E-05	3.67E-05	2.33E-06	1.68E-05	0.00E+00	5.88E-08	0.00E+00
Pennsylvania	Chester	42029	U	1,3-Butadiene	1.87E-02	2.03E-02	2.64E-02	3.47E-02	4.17E-02	4.91E-02	7.28E-02	8.91E-02	7.61E-09	2.29E-03	2.90E-02	1.04E-02	0.00E+00
Pennsylvania	Chester	42029	U	Cadmium Compounds	3.88E-05	4.81E-05	7.63E-05	1.39E-04	1.35E-04	1.86E-04	2.05E-04	2.48E-04	2.80E-05	1.06E-04	0.00E+00	8.16E-07	0.00E+00
Pennsylvania	Chester	42029	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.44E-07	4.34E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Chester	42029	U	Chloroform	8.49E-02	8.55E-02	8.64E-02	8.75E-02	8.75E-02	8.86E-02	8.94E-02	8.97E-02	1.48E-03	3.00E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Chester	42029	U	Chromium Compounds	3.73E-04	5.49E-04	1.42E-03	1.64E-03	1.63E-03	2.06E-03	2.29E-03	2.47E-03	4.91E-04	9.88E-04	3.00E-05	1.17E-04	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Pennsylvania																	
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
Pennsylvania	Chester	42029	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	1,3-Dichloropropene	2.61E-02	3.13E-02	4.23E-02	6.61E-02	7.45E-02	8.90E-02	1.16E-01	1.72E-01	0.00E+00	7.45E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	Diesel Particulate Matter	2.23E+00	2.29E+00	2.39E+00	2.53E+00	2.68E+00	2.72E+00	3.41E+00	3.69E+00	0.00E+00	0.00E+00	9.59E-01	1.73E+00	***
Pennsylvania	Chester	42029	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.58E-07	5.74E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Chester	42029	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.61E-02	6.62E-02	7.00E-02	7.33E-02	7.52E-02	5.15E-03	7.08E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Chester	42029	U	Ethylene Oxide	7.98E-04	9.97E-04	1.47E-03	2.49E-03	2.72E-03	3.18E-03	4.20E-03	6.70E-03	2.09E-05	2.70E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	Formaldehyde	7.97E-01	8.81E-01	9.89E-01	1.20E+00	1.20E+00	1.35E+00	1.52E+00	1.61E+00	1.69E-03	1.08E-01	4.29E-01	4.09E-01	2.50E-01
Pennsylvania	Chester	42029	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	8.12E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Chester	42029	U	Hydrazine	1.67E-08	3.01E-08	4.42E-08	7.08E-08	1.68E-07	1.47E-07	4.13E-07	5.39E-07	3.01E-08	1.38E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	Lead Compounds	1.80E-03	2.04E-03	2.34E-03	3.19E-03	3.37E-03	4.12E-03	5.06E-03	5.45E-03	1.12E-04	2.06E-03	4.01E-05	1.16E-03	0.00E+00
Pennsylvania	Chester	42029	U	Manganese Compounds	6.89E-04	8.46E-04	1.07E-03	1.43E-03	1.47E-03	1.70E-03	2.15E-03	2.63E-03	2.35E-04	1.11E-03	1.19E-05	1.16E-04	0.00E+00
Pennsylvania	Chester	42029	U	Mercury Compounds	1.79E-03	1.82E-03	1.89E-03	2.04E-03	2.04E-03	2.16E-03	2.25E-03	2.35E-03	1.15E-04	4.01E-04	3.93E-07	2.21E-05	1.50E-03
Pennsylvania	Chester	42029	U	Methylene Chloride	2.45E-01	2.53E-01	2.86E-01	3.43E-01	3.94E-01	4.01E-01	6.23E-01	7.53E-01	1.40E-02	2.30E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Chester	42029	U	Nickel Compounds	9.47E-04	1.33E-03	1.71E-03	2.02E-03	2.16E-03	2.39E-03	3.14E-03	3.57E-03	7.06E-04	1.14E-03	2.30E-05	2.90E-04	0.00E+00
Pennsylvania	Chester	42029	U	Perchloroethylene	1.75E-01	1.81E-01	2.01E-01	2.28E-01	2.45E-01	2.64E-01	3.36E-01	4.04E-01	1.34E-03	1.03E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Chester	42029	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.83E-04	3.83E-04	0.00E+00	1.02E-06	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Chester	42029	U	Polycyclic Organic Matter	2.29E-02	2.75E-02	4.09E-02	6.09E-02	6.49E-02	8.06E-02	1.02E-01	1.33E-01	5.58E-03	5.91E-02	2.07E-04	6.41E-05	0.00E+00
Pennsylvania	Chester	42029	U	7-PAH	1.22E-03	1.40E-03	2.13E-03	2.98E-03	3.22E-03	3.97E-03	4.86E-03	6.60E-03	1.73E-06	3.09E-03	1.05E-04	2.24E-05	0.00E+00
Pennsylvania	Chester	42029	U	Propylene Dichloride	2.92E-05	3.12E-05	3.54E-05	4.07E-05	4.40E-05	4.83E-05	5.44E-05	6.91E-05	2.79E-05	1.61E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	Quinoline	1.67E-07	2.03E-07	2.88E-07	4.23E-07	6.13E-07	5.92E-07	1.26E-06	1.62E-06	0.00E+00	6.13E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	1,1,2,2-Tetrachloroethane	2.11E-04	2.30E-04	2.53E-04	2.85E-04	3.13E-04	3.44E-04	4.03E-04	4.50E-04	2.56E-04	5.71E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Chester	42029	U	Trichloroethylene	9.30E-02	1.05E-01	1.40E-01	1.78E-01	2.01E-01	2.37E-01	3.18E-01	4.37E-01	8.15E-02	3.84E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Chester	42029	U	Vinyl Chloride	7.71E-03	9.94E-03	1.43E-02	1.75E-02	2.18E-02	1.91E-02	2.42E-02	4.38E-02	2.13E-02	4.65E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clarion	42031	R	Acetaldehyde	6.97E-02	6.97E-02	7.67E-02	8.64E-02	9.51E-02	9.97E-02	1.73E-01	1.73E-01	2.16E-05	2.08E-02	5.49E-02	1.93E-02	0.00E+00
Pennsylvania	Clarion	42031	R	Acrolein	2.12E-02	2.12E-02	2.30E-02	2.42E-02	3.11E-02	2.70E-02	8.22E-02	8.22E-02	1.10E-05	2.08E-02	7.44E-03	2.89E-03	0.00E+00
Pennsylvania	Clarion	42031	R	Acrylonitrile	1.38E-04	1.38E-04	1.51E-04	1.62E-04	1.77E-04	2.03E-04	2.41E-04	2.41E-04	9.52E-06	1.67E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clarion	42031	R	Arsenic Compounds	1.08E-05	1.08E-05	1.12E-05	1.88E-05	2.08E-05	2.59E-05	3.86E-05	3.86E-05	1.58E-05	4.73E-06	2.20E-07	1.90E-08	0.00E+00
Pennsylvania	Clarion	42031	R	Benzene	5.78E-01	5.78E-01	5.81E-01	5.92E-01	6.33E-01	6.20E-01	9.25E-01	9.25E-01	8.24E-04	6.70E-02	7.04E-02	1.46E-02	4.80E-01
Pennsylvania	Clarion	42031	R	Beryllium Compounds	9.62E-07	9.62E-07	1.16E-06	1.40E-06	2.17E-06	1.84E-06	7.77E-06	7.77E-06	8.29E-07	1.34E-06	0.00E+00	1.25E-10	0.00E+00
Pennsylvania	Clarion	42031	R	1,3-Butadiene	6.58E-03	6.58E-03	7.61E-03	7.98E-03	1.54E-02	1.19E-02	6.64E-02	6.64E-02	0.00E+00	8.33E-03	6.17E-03	9.02E-04	0.00E+00
Pennsylvania	Clarion	42031	R	Cadmium Compounds	3.05E-06	3.05E-06	3.74E-06	4.25E-06	5.55E-06	5.43E-06	1.41E-05	1.41E-05	2.05E-06	3.50E-06	0.00E+00	1.74E-09	0.00E+00
Pennsylvania	Clarion	42031	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	1.74E-08	3.37E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Clarion	42031	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	8.35E-02	8.35E-02	1.02E-07	2.74E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Clarion	42031	R	Chromium Compounds	3.46E-04	3.46E-04	6.39E-04	7.72E-04	5.65E-03	1.26E-03	4.44E-02	4.44E-02	3.25E-05	5.60E-03	1.40E-05	8.74E-06	0.00E+00
Pennsylvania	Clarion	42031	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
Pennsylvania	Clarion	42031	R	1,3-Dichloropropene	4.97E-03	4.97E-03	5.28E-03	5.80E-03	1.06E-02	7.42E-03	4.53E-02	4.53E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clarion	42031	R	Diesel Particulate Matter	6.90E-01	6.90E-01	7.23E-01	8.04E-01	8.03E-01	8.16E-01	1.08E+00	1.08E+00	0.00E+00	0.00E+00	3.38E-01	4.65E-01	***
Pennsylvania	Clarion	42031	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	5.32E-09	1.09E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Clarion	42031	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	2.93E-06	2.55E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Clarion	42031	R	Ethylene Oxide	6.41E-05	6.41E-05	7.58E-05	1.07E-04	3.28E-04	1.25E-04	2.20E-03	2.20E-03	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clarion	42031	R	Formaldehyde	3.72E-01	3.72E-01	3.75E-01	3.79E-01	4.35E-01	4.24E-01	7.94E-01	7.94E-01	1.20E-05	1.02E-01	4.89E-02	3.39E-02	2.50E-01
Pennsylvania	Clarion	42031	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	3.10E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Clarion	42031	R	Hydrazine	4.82E-10	4.82E-10	6.51E-10	7.99E-10	5.34E-09	1.84E-09	3.93E-08	3.93E-08	0.00E+00	5.34E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clarion	42031	R	Lead Compounds	7.90E-05	7.90E-05	8.38E-05	9.50E-05	1.31E-04	1.05E-04	2.76E-04	2.76E-04	3.45E-05	5.44E-05	1.95E-05	2.28E-05	0.00E+00
Pennsylvania	Clarion	42031	R	Manganese Compounds	2.07E-04	2.07E-04	2.27E-04	2.39E-04	9.50E-04	4.56E-04	5.65E-03	5.65E-03					

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																		
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	
Pennsylvania	Clarion	42031	R	Trichloroethylene	8.18E-02	8.18E-02	8.21E-02	8.25E-02	8.51E-02	8.25E-02	1.07E-01	1.07E-01	1.01E-05	4.05E-03	0.00E+00	0.00E+00	8.10E-02	
Pennsylvania	Clarion	42031	R	Vinyl Chloride	1.75E-04	1.75E-04	1.90E-04	2.04E-04	2.25E-04	2.62E-04	3.08E-04	3.08E-04	1.30E-05	2.12E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	Acetaldehyde	7.05E-02	7.65E-02	8.97E-02	1.05E-01	1.31E-01	1.82E-01	2.10E-01	3.24E-01	4.54E-05	2.68E-02	6.50E-02	3.90E-02	0.00E+00	
Pennsylvania	Clearfield	42033	R	Acrolein	2.21E-02	2.36E-02	2.52E-02	3.30E-02	4.17E-02	5.96E-02	7.59E-02	9.73E-02	8.25E-06	2.73E-02	8.68E-03	5.75E-03	0.00E+00	
Pennsylvania	Clearfield	42033	R	Acrylonitrile	1.85E-05	1.96E-05	2.71E-05	3.50E-05	3.43E-05	4.35E-05	4.78E-05	4.90E-05	7.34E-06	2.69E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	Arsenic Compounds	6.00E-06	6.29E-06	1.48E-05	2.14E-05	2.95E-05	3.66E-05	5.60E-05	1.59E-04	1.32E-05	1.60E-05	2.67E-07	1.14E-09	0.00E+00	
Pennsylvania	Clearfield	42033	R	Benzene	5.79E-01	5.79E-01	5.85E-01	6.11E-01	6.69E-01	7.89E-01	8.23E-01	9.84E-01	9.23E-05	7.44E-02	9.31E-02	2.15E-02	4.80E-01	
Pennsylvania	Clearfield	42033	R	Beryllium Compounds	6.31E-07	7.26E-07	1.18E-06	1.64E-06	3.26E-06	6.20E-06	7.98E-06	1.34E-05	6.90E-07	2.57E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	1,3-Butadiene	7.10E-03	7.18E-03	7.96E-03	1.04E-02	2.16E-02	3.80E-02	5.19E-02	6.99E-02	0.00E+00	1.09E-02	9.04E-03	1.66E-03	0.00E+00	
Pennsylvania	Clearfield	42033	R	Cadmium Compounds	3.63E-06	3.65E-06	4.46E-06	5.71E-06	9.68E-06	1.40E-05	2.26E-05	4.34E-05	1.79E-06	7.89E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	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	1.35E-08	1.24E-04	0.00E+00	0.00E+00	8.80E-01	
Pennsylvania	Clearfield	42033	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	7.83E-08	3.23E-04	0.00E+00	0.00E+00	8.30E-02	
Pennsylvania	Clearfield	42033	R	Chromium Compounds	3.68E-05	5.52E-05	6.30E-05	9.54E-05	1.58E-04	2.20E-04	4.29E-04	4.83E-04	8.78E-06	1.12E-04	1.71E-05	1.97E-05	0.00E+00	
Pennsylvania	Clearfield	42033	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	
Pennsylvania	Clearfield	42033	R	1,3-Dichloropropene	2.86E-03	4.10E-03	5.63E-03	9.74E-03	1.81E-02	4.02E-02	4.44E-02	7.19E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	Diesel Particulate Matter	6.90E-01	7.10E-01	7.50E-01	7.76E-01	8.52E-01	1.02E+00	1.06E+00	1.30E+00	0.00E+00	0.00E+00	3.55E-01	4.98E-01	***	
Pennsylvania	Clearfield	42033	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	4.11E-09	1.40E-08	0.00E+00	0.00E+00	7.70E-03	
Pennsylvania	Clearfield	42033	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	2.31E-06	6.52E-06	0.00E+00	0.00E+00	6.10E-02	
Pennsylvania	Clearfield	42033	R	Ethylene Oxide	6.09E-05	6.84E-05	9.11E-05	2.63E-04	8.43E-04	1.34E-03	2.84E-03	5.08E-03	0.00E+00	8.43E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	Formaldehyde	3.76E-01	3.77E-01	3.85E-01	4.21E-01	5.21E-01	7.33E-01	7.73E-01	1.10E+00	5.78E-05	1.39E-01	6.04E-02	7.15E-02	2.50E-01	
Pennsylvania	Clearfield	42033	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	2.23E-08	0.00E+00	0.00E+00	9.30E-05	
Pennsylvania	Clearfield	42033	R	Hydrazine	7.64E-11	9.87E-11	1.50E-10	2.03E-10	3.22E-10	4.43E-10	9.85E-10	1.03E-09	0.00E+00	3.22E-10	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	Lead Compounds	8.25E-05	9.83E-05	1.71E-04	3.52E-04	4.32E-04	7.31E-04	9.38E-04	1.11E-03	8.58E-05	2.92E-04	2.41E-05	3.01E-05	0.00E+00	
Pennsylvania	Clearfield	42033	R	Manganese Compounds	9.13E-05	1.06E-04	1.25E-04	1.84E-04	1.42E-03	6.21E-04	1.82E-03	1.99E-02	3.26E-05	1.36E-03	7.02E-06	2.07E-05	0.00E+00	
Pennsylvania	Clearfield	42033	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.60E-03	5.11E-06	3.61E-05	2.33E-07	5.62E-06	1.50E-03	
Pennsylvania	Clearfield	42033	R	Methylene Chloride	1.56E-01	1.56E-01	1.58E-01	1.64E-01	2.04E-01	2.54E-01	3.20E-01	4.38E-01	3.54E-05	5.38E-02	0.00E+00	0.00E+00	1.50E-01	
Pennsylvania	Clearfield	42033	R	Nickel Compounds	3.50E-05	4.04E-05	5.90E-05	1.03E-04	2.21E-04	4.44E-04	5.91E-04	9.95E-04	1.78E-05	1.81E-04	1.32E-05	8.86E-06	0.00E+00	
Pennsylvania	Clearfield	42033	R	Perchloroethylene	1.44E-01	1.44E-01	1.46E-01	1.51E-01	1.71E-01	2.11E-01	2.26E-01	2.85E-01	1.45E-05	3.10E-02	0.00E+00	0.00E+00	1.40E-01	
Pennsylvania	Clearfield	42033	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	
Pennsylvania	Clearfield	42033	R	Polycyclic Organic Matter	5.36E-03	5.46E-03	6.59E-03	9.85E-03	1.82E-02	3.71E-02	4.18E-02	6.60E-02	6.56E-07	1.81E-02	1.21E-04	7.21E-06	0.00E+00	
Pennsylvania	Clearfield	42033	R	7-PAH	5.19E-04	5.59E-04	6.58E-04	8.29E-04	1.43E-03	2.43E-03	3.23E-03	4.30E-03	1.32E-08	1.37E-03	5.37E-05	2.98E-06	0.00E+00	
Pennsylvania	Clearfield	42033	R	Propylene Dichloride	9.28E-07	9.42E-07	1.28E-06	1.76E-06	1.72E-06	2.00E-06	2.53E-06	2.57E-06	4.45E-07	1.27E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	Quinoline	1.92E-09	1.94E-09	2.25E-09	5.86E-09	7.59E-09	1.09E-08	2.27E-08	2.55E-08	0.00E+00	7.59E-09	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	1,1,2,2-Tetrachloroethane	3.41E-06	4.52E-06	7.04E-06	1.16E-05	1.11E-05	1.48E-05	1.92E-05	1.92E-05	4.07E-06	7.03E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clearfield	42033	R	Trichloroethylene	8.21E-02	8.25E-02	8.28E-02	8.89E-02	1.21E-01	1.66E-01	2.05E-01	2.89E-01	1.55E-03	3.82E-02	0.00E+00	0.00E+00	8.10E-02	
Pennsylvania	Clearfield	42033	R	Vinyl Chloride	8.81E-06	1.16E-05	1.76E-05	2.89E-05	2.77E-05	3.66E-05	4.74E-05	4.74E-05	1.00E-05	1.76E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clinton	42035	R	Acetaldehyde	4.38E-02	4.38E-02	1.29E-01	1.40E-01	1.94E-01	2.97E-01	3.96E-01	3.96E-01	1.18E-04	7.93E-02	7.44E-02	4.01E-02	0.00E+00	
Pennsylvania	Clinton	42035	R	Acrolein	2.63E-02	2.63E-02	5.08E-02	5.60E-02	6.60E-02	9.41E-02	1.08E-01	1.08E-01	6.00E-05	4.99E-02	1.01E-02	5.94E-03	0.00E+00	
Pennsylvania	Clinton	42035	R	Acrylonitrile	5.89E-04	5.89E-04	8.50E-04	2.30E-03	1.23E-02	2.37E-02	5.07E-02	5.07E-02	6.71E-05	1.22E-02	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clinton	42035	R	Arsenic Compounds	1.98E-06	1.98E-06	2.67E-05	5.86E-05	9.20E-05	1.37E-04	3.23E-04	3.23E-04	8.09E-05	1.08E-05	3.17E-07	1.61E-09	0.00E+00	
Pennsylvania	Clinton	42035	R	Benzene	5.54E-01	5.54E-01	6.49E-01	6.74E-01	7.33E-01	8.58E-01	9.98E-01	9.98E-01	4.52E-04	1.21E-01	1.11E-01	2.05E-02	4.80E-01	
Pennsylvania	Clinton	42035	R	Beryllium Compounds	1.90E-07	1.90E-07	2.24E-06	3.68E-06	7.17E-06	1.13E-05	2.48E-05	2.48E-05	4.18E-06	2.99E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clinton	42035	R	1,3-Butadiene	8.84E-03	8.84E-03	1.68E-02	2.36E-02	3.34E-02	5.59E-02	7.81E-02	7.81E-02	0.00E+00	2.10E-02	1.09E-02	1.47E-03	0.00E+00	
Pennsylvania	Clinton	42035	R	Cadmium Compounds	1.50E-06	1.50E-06	6.29E-06	1.04E-05	1.68E-05	2.52E-05	5.37E-05	5.37E-05	1.02E-05	6.57E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Clinton	42035	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	1.23E-07	5.59E-05	0.00E+00	0.00E+00	8.80E-01	
Penn																		

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Clinton	42035	R	Hydrazine	1.73E-09	1.73E-09	3.40E-09	2.03E-08	1.75E-07	3.41E-07	7.75E-07	7.75E-07	0.00E+00	1.75E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clinton	42035	R	Lead Compounds	8.95E-04	8.95E-04	1.23E-03	1.54E-03	1.49E-03	1.80E-03	2.02E-03	2.02E-03	1.15E-03	2.48E-04	2.81E-05	5.80E-05	0.00E+00
Pennsylvania	Clinton	42035	R	Manganese Compounds	1.74E-05	1.74E-05	1.80E-04	4.51E-04	4.38E-04	6.77E-04	1.12E-03	1.12E-03	1.44E-04	2.65E-04	8.25E-06	2.17E-05	0.00E+00
Pennsylvania	Clinton	42035	R	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.54E-03	1.55E-03	1.58E-03	1.62E-03	1.62E-03	1.78E-05	3.09E-05	2.75E-07	5.87E-06	1.50E-03
Pennsylvania	Clinton	42035	R	Methylene Chloride	1.53E-01	1.53E-01	1.71E-01	1.77E-01	2.15E-01	2.62E-01	3.76E-01	3.76E-01	2.89E-03	6.17E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Clinton	42035	R	Nickel Compounds	1.87E-05	1.87E-05	9.50E-05	1.49E-04	3.05E-04	5.05E-04	1.02E-03	1.02E-03	7.01E-05	2.10E-04	1.54E-05	9.30E-06	0.00E+00
Pennsylvania	Clinton	42035	R	Perchloroethylene	1.41E-01	1.41E-01	1.49E-01	1.49E-01	1.61E-01	1.76E-01	2.07E-01	2.07E-01	1.29E-04	2.09E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Clinton	42035	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
Pennsylvania	Clinton	42035	R	Polycyclic Organic Matter	4.03E-03	4.03E-03	1.26E-02	1.94E-02	2.71E-02	4.36E-02	6.50E-02	6.50E-02	1.95E-03	2.50E-02	1.40E-04	7.02E-06	0.00E+00
Pennsylvania	Clinton	42035	R	7-PAH	6.19E-04	6.19E-04	1.30E-03	1.61E-03	2.21E-03	3.42E-03	4.89E-03	4.89E-03	8.00E-08	2.14E-03	6.22E-05	2.70E-06	0.00E+00
Pennsylvania	Clinton	42035	R	Propylene Dichloride	1.32E-05	1.32E-05	1.98E-05	2.50E-05	2.66E-05	3.47E-05	4.11E-05	4.11E-05	4.06E-06	2.25E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clinton	42035	R	Quinoline	1.53E-08	1.53E-08	2.67E-08	8.51E-08	4.75E-07	9.20E-07	1.98E-06	1.98E-06	0.00E+00	4.75E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clinton	42035	R	1,1,2,2-Tetrachloroethane	1.17E-04	1.17E-04	1.74E-04	2.17E-04	2.01E-04	2.24E-04	2.39E-04	2.39E-04	3.72E-05	1.64E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Clinton	42035	R	Trichloroethylene	8.23E-02	8.23E-02	8.53E-02	8.67E-02	9.17E-02	9.79E-02	1.13E-01	1.13E-01	2.37E-03	8.32E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Clinton	42035	R	Vinyl Chloride	2.89E-04	2.89E-04	4.31E-04	5.47E-04	5.09E-04	5.82E-04	6.15E-04	6.15E-04	9.16E-05	4.17E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Acetaldehyde	1.88E-01	2.07E-01	2.35E-01	2.73E-01	2.74E-01	3.35E-01	3.47E-01	3.51E-01	6.88E-05	3.43E-02	1.79E-01	6.00E-02	0.00E+00
Pennsylvania	Columbia	42037	U	Acrolein	4.23E-02	4.25E-02	4.85E-02	5.38E-02	5.80E-02	7.47E-02	7.71E-02	7.73E-02	3.50E-05	2.75E-02	2.16E-02	8.95E-03	0.00E+00
Pennsylvania	Columbia	42037	U	Acrylonitrile	5.17E-05	5.50E-05	5.58E-05	6.34E-05	6.36E-05	7.11E-05	7.52E-05	7.79E-05	1.24E-05	5.12E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Arsenic Compounds	2.07E-05	3.65E-05	6.84E-05	8.60E-05	1.03E-04	1.48E-04	1.82E-04	2.04E-04	4.88E-05	5.44E-05	2.06E-07	3.72E-09	0.00E+00
Pennsylvania	Columbia	42037	U	Benzene	6.63E-01	6.63E-01	7.09E-01	7.45E-01	8.37E-01	1.01E+00	1.19E+00	1.19E+00	2.14E-04	5.66E-02	2.32E-01	6.77E-02	4.80E-01
Pennsylvania	Columbia	42037	U	Beryllium Compounds	1.88E-06	2.31E-06	4.22E-06	5.10E-06	9.10E-06	1.12E-05	2.30E-05	2.36E-05	2.58E-06	6.53E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	1,3-Butadiene	9.83E-03	1.21E-02	1.42E-02	1.72E-02	3.39E-02	5.57E-02	8.78E-02	8.84E-02	0.00E+00	6.52E-03	2.10E-02	6.39E-03	0.00E+00
Pennsylvania	Columbia	42037	U	Cadmium Compounds	1.24E-04	1.96E-04	2.67E-04	4.51E-04	5.55E-04	6.39E-04	1.20E-03	1.64E-03	6.38E-06	5.48E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.27E-08	1.03E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Columbia	42037	U	Chloroform	8.42E-02	8.51E-02	8.76E-02	9.09E-02	9.15E-02	9.48E-02	9.72E-02	1.04E-01	7.57E-03	9.69E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Columbia	42037	U	Chromium Compounds	3.03E-04	3.66E-04	4.20E-04	6.34E-04	1.59E-03	3.63E-03	3.68E-03	3.80E-03	1.99E-04	1.34E-03	1.31E-05	2.80E-05	0.00E+00
Pennsylvania	Columbia	42037	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	1,3-Dichloropropene	1.05E-02	1.13E-02	1.70E-02	2.22E-02	4.81E-02	6.85E-02	1.45E-01	1.46E-01	0.00E+00	4.81E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Diesel Particulate Matter	1.19E+00	1.25E+00	1.34E+00	1.40E+00	1.58E+00	1.95E+00	2.07E+00	2.10E+00	0.00E+00	0.00E+00	6.41E-01	9.37E-01	***
Pennsylvania	Columbia	42037	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.92E-09	5.38E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Columbia	42037	U	Ethylene Dichloride	6.20E-02	6.42E-02	6.90E-02	7.54E-02	7.64E-02	8.36E-02	8.69E-02	1.01E-01	1.54E-02	8.26E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Columbia	42037	U	Ethylene Oxide	3.10E-04	3.22E-04	4.76E-04	6.84E-04	2.21E-03	2.96E-03	7.50E-03	7.50E-03	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Formaldehyde	5.11E-01	5.42E-01	5.78E-01	6.03E-01	6.50E-01	7.55E-01	8.25E-01	8.36E-01	2.92E-02	1.06E-01	1.58E-01	1.07E-01	2.50E-01
Pennsylvania	Columbia	42037	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	0.00E+00	9.26E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Columbia	42037	U	Hydrazine	1.18E-09	1.18E-09	1.37E-09	2.56E-09	9.48E-09	2.22E-08	2.36E-08	2.56E-08	0.00E+00	9.48E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Lead Compounds	2.80E-04	3.73E-04	5.21E-04	8.95E-04	1.07E-03	1.62E-03	1.82E-03	2.25E-03	5.22E-05	9.96E-04	1.81E-05	9.16E-08	0.00E+00
Pennsylvania	Columbia	42037	U	Manganese Compounds	5.05E-04	5.86E-04	6.23E-04	8.43E-04	1.04E-03	1.03E-03	2.29E-03	2.30E-03	3.33E-04	6.70E-04	5.18E-06	3.23E-05	0.00E+00
Pennsylvania	Columbia	42037	U	Mercury Compounds	1.61E-03	1.61E-03	1.66E-03	1.67E-03	1.68E-03	1.72E-03	1.73E-03	1.75E-03	1.59E-05	1.53E-04	1.79E-07	7.87E-06	1.50E-03
Pennsylvania	Columbia	42037	U	Methylene Chloride	2.27E-01	2.92E-01	4.20E-01	6.18E-01	6.90E-01	1.04E+00	1.21E+00	1.22E+00	2.58E-01	2.82E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Columbia	42037	U	Nickel Compounds	2.47E-04	2.80E-04	3.04E-04	4.09E-04	7.97E-04	1.48E-03	1.82E-03	1.82E-03	1.22E-04	6.52E-04	1.02E-05	1.42E-05	0.00E+00
Pennsylvania	Columbia	42037	U	Perchloroethylene	1.47E-01	1.48E-01	1.51E-01	1.54E-01	1.77E-01	1.97E-01	2.48E-01	2.49E-01	6.18E-04	3.61E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Columbia	42037	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Columbia	42037	U	Polycyclic Organic Matter	1.35E-02	1.96E-02	2.00E-02	2.33E-02	4.21E-02	5.57E-02	1.09E-01	1.10E-01	2.55E-03	3.94E-02	9.51E-05	2.09E-05	0.00E+00
Pennsylvania	Columbia	42037	U	7-PAH	9.45E-04	9.82E-04	1.15E-03	1.46E-03	2.36E-03	3.32E-03	5.69E-03	5.73E-03	5.23E-08	2.30E-03	4.22E-05	1.01E-05	0.00E+00
Pennsylvania	Columbia	42037	U	Propylene Dichloride	2.26E-06	2.35E-06	2.61E-06	3.02E-06	3.01E-06	3.37E-06	3.73E-06	4.05E-06	7.49E-07	2.26E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Quinoline	2.98E-08	3.24E-08	3.35E-08	4.41E-08	5.76E-08	8.84E-08	9.63E-08	9.90E-08	0.00E+00	5.76E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	1,1,2,2-Tetrachloroethane	5.51E-06	5.54E-06	5.88E-06	1.11E-05	1.10E-05	1.36E-05	1.96E-05	2.31E-05	6.86E-06	4.09E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Columbia	42037	U	Trichloroethylene	8.41E-02	8.45E-02	8.51E-02	8.74E-02	9.82E-02	1.09E-01	1.31E-01	1.32E-01	1.56E-04	1.70E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Columbia	42037	U	Vinyl Chloride	4.10E-05	7.22E-05	1.12E-04	1.85E-04	1.70E-04	2.12E-04	2.64E-04	3.06E-04	1.69E-05	1.53E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	Acetaldehyde	7.38E-02	7.85E-02	9.56E-02	1.06E-01	1.09E-01	1.21E-01	1.49E-01	1.62E-01	2.52E-05	1.71E-02	6.67E-02	2.55E-02	0.00E+00
Pennsylvania	Crawford	42039	R	Acrolein	1.79E-02	1.89E-02	1.97E-02	2.12E-02	2.66E-02	2.74E-02	4.07E-02	6.24E-02	6.71E-06	1.47E-02	8.56E-03	3.25E-03	0.00E+00
Pennsylvania	Crawford	42039	R	Acrylonitrile	2.74E-05	2.99E-05	3.71E-05	5.03E-05	5.17E-05	6.33E-05	7.95E-05	8.56E-05	3.03E-05	2.14E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	Arsenic Compounds	4.88E-06	5.99E-06	8.64E-06	1.21E-05	1.48E-05	1.82E-05	2.73E-05	3.61E-05	6.06E-06	7.91E-06	2.47E-07	6.02E-07	0.00E+00
Pennsylvania	Crawford	42039	R	Benzene	5.79E-01	5.82E-01	5.86E-01	5.94E-01	6.28E-01	6.41E-01	7.31E-01	8.07E-01	1.60E-03	3.77E-02	8.87E-02	1.97E-02	4.80E-01
Pennsylvania	Crawford	42039	R	Beryllium Compounds	7.14E-07	8.01E-07	1.03E-06	1.32E-06	2.23E-06	2.68E-06	4.87E-06	7.16E-06	3.16E-07	1.90E-06	0.00E+00	4.61E-09	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Crawford	42039	R	1,3-Butadiene	6.16E-03	6.18E-03	6.96E-03	7.56E-03	1.42E-02	1.34E-02	3.33E-02	5.35E-02	3.41E-07	4.95E-03	8.19E-03	1.09E-03	0.00E+00
Pennsylvania	Crawford	42039	R	Cadmium Compounds	3.71E-06	3.72E-06	4.45E-06	5.38E-06	7.52E-06	1.12E-05	1.25E-05	1.64E-05	8.18E-07	6.64E-06	0.00E+00	6.41E-08	0.00E+00
Pennsylvania	Crawford	42039	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	5.55E-08	4.23E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Crawford	42039	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.36E-02	3.23E-07	3.47E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Crawford	42039	R	Chromium Compounds	1.79E-04	1.84E-04	2.07E-04	2.38E-04	5.94E-04	4.52E-04	1.60E-03	3.07E-03	4.70E-06	5.62E-04	1.58E-05	1.17E-05	0.00E+00
Pennsylvania	Crawford	42039	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	9.62E-05	2.60E-04	9.48E-04	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	1,3-Dichloropropene	4.32E-03	4.88E-03	6.02E-03	7.91E-03	1.66E-02	2.24E-02	4.65E-02	5.45E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	Diesel Particulate Matter	6.56E-01	6.88E-01	7.62E-01	8.34E-01	8.62E-01	9.11E-01	1.03E+00	1.20E+00	0.00E+00	0.00E+00	3.22E-01	5.39E-01	***
Pennsylvania	Crawford	42039	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	1.69E-08	1.06E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Crawford	42039	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	4.32E-06	4.06E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Crawford	42039	R	Ethylene Oxide	9.98E-05	1.06E-04	1.18E-04	1.65E-04	3.40E-04	4.13E-04	7.16E-04	1.32E-03	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	Formaldehyde	3.67E-01	3.70E-01	3.73E-01	3.86E-01	4.24E-01	4.23E-01	5.38E-01	7.05E-01	6.37E-05	7.62E-02	5.92E-02	3.84E-02	2.50E-01
Pennsylvania	Crawford	42039	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	3.84E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Crawford	42039	R	Hydrazine	2.28E-09	2.99E-09	3.42E-09	4.73E-09	4.54E-08	2.76E-08	1.57E-07	3.23E-07	0.00E+00	4.54E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	Lead Compounds	1.23E-04	1.40E-04	1.60E-04	1.98E-04	3.65E-04	3.96E-04	7.89E-04	1.39E-03	8.87E-06	3.15E-04	2.22E-05	1.90E-05	0.00E+00
Pennsylvania	Crawford	42039	R	Manganese Compounds	1.78E-04	1.83E-04	2.56E-04	3.44E-04	5.45E-04	7.24E-04	1.02E-03	1.67E-03	7.64E-05	4.50E-04	6.50E-06	1.20E-05	0.00E+00
Pennsylvania	Crawford	42039	R	Mercury Compounds	1.53E-03	1.53E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	1.63E-03	1.64E-03	2.99E-06	6.08E-05	2.15E-07	2.50E-06	1.50E-03
Pennsylvania	Crawford	42039	R	Methylene Chloride	1.69E-01	1.76E-01	1.83E-01	2.44E-01	3.92E-01	3.02E-01	4.11E-01	1.77E+00	2.06E-01	3.54E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Crawford	42039	R	Nickel Compounds	1.58E-04	1.74E-04	1.92E-04	2.19E-04	3.87E-04	3.23E-04	9.26E-04	1.67E-03	4.60E-06	3.46E-04	1.23E-05	2.37E-05	0.00E+00
Pennsylvania	Crawford	42039	R	Perchloroethylene	1.45E-01	1.45E-01	1.46E-01	1.50E-01	1.61E-01	1.70E-01	1.92E-01	2.13E-01	1.41E-03	1.95E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Crawford	42039	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
Pennsylvania	Crawford	42039	R	Polycyclic Organic Matter	5.52E-03	5.83E-03	6.37E-03	7.92E-03	1.42E-02	1.71E-02	3.36E-02	4.37E-02	1.41E-04	1.40E-02	1.12E-04	7.60E-06	0.00E+00
Pennsylvania	Crawford	42039	R	7-PAH	4.33E-04	4.79E-04	5.12E-04	6.23E-04	1.00E-03	1.11E-03	2.15E-03	3.05E-03	6.05E-09	9.50E-04	4.97E-05	3.45E-06	0.00E+00
Pennsylvania	Crawford	42039	R	Propylene Dichloride	1.48E-06	1.68E-06	2.00E-06	3.15E-06	3.56E-06	4.28E-06	5.89E-06	8.63E-06	1.83E-06	1.73E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	Quinoline	1.74E-08	1.89E-08	2.28E-08	2.92E-08	1.38E-07	1.44E-07	4.17E-07	8.35E-07	6.79E-09	1.31E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	1,1,2,2-Tetrachloroethane	6.36E-06	6.92E-06	1.01E-05	1.36E-05	1.78E-05	2.36E-05	3.54E-05	3.94E-05	1.68E-05	9.55E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Crawford	42039	R	Trichloroethylene	8.48E-02	8.63E-02	9.18E-02	1.02E-01	1.01E-01	1.07E-01	1.15E-01	1.18E-01	1.43E-02	5.33E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Crawford	42039	R	Vinyl Chloride	1.99E-05	2.43E-05	3.09E-05	4.27E-05	4.91E-05	5.94E-05	9.14E-05	1.00E-04	4.14E-05	7.80E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	Acetaldehyde	3.39E-01	3.58E-01	3.95E-01	4.96E-01	4.90E-01	5.72E-01	6.23E-01	6.53E-01	2.20E-04	2.76E-02	3.39E-01	1.23E-01	0.00E+00
Pennsylvania	Cumberland	42041	U	Acrolein	5.63E-02	5.73E-02	6.65E-02	7.89E-02	7.88E-02	9.01E-02	9.94E-02	1.00E-01	7.00E-06	2.00E-02	4.11E-02	1.76E-02	0.00E+00
Pennsylvania	Cumberland	42041	U	Acrylonitrile	2.80E-04	3.17E-04	3.67E-04	4.36E-04	4.47E-04	4.74E-04	6.17E-04	8.24E-04	1.18E-04	3.29E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	Arsenic Compounds	7.28E-06	1.85E-05	3.23E-05	4.70E-05	5.95E-05	6.59E-05	1.06E-04	2.31E-04	1.41E-05	4.50E-05	3.53E-07	6.40E-09	0.00E+00
Pennsylvania	Cumberland	42041	U	Benzene	8.49E-01	8.66E-01	9.78E-01	1.17E+00	1.20E+00	1.33E+00	1.50E+00	1.76E+00	5.35E-04	5.63E-02	5.04E-01	1.55E-01	4.80E-01
Pennsylvania	Cumberland	42041	U	Beryllium Compounds	2.08E-06	2.33E-06	4.46E-06	1.07E-05	1.36E-05	1.43E-05	2.53E-05	5.89E-05	6.36E-07	1.29E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	1,3-Butadiene	2.52E-02	2.65E-02	4.35E-02	6.10E-02	6.89E-02	8.67E-02	1.03E-01	1.58E-01	0.00E+00	3.25E-03	4.96E-02	1.61E-02	0.00E+00
Pennsylvania	Cumberland	42041	U	Cadmium Compounds	1.30E-05	1.60E-05	2.05E-05	2.93E-05	3.50E-05	3.88E-05	5.34E-05	1.09E-04	6.72E-06	2.83E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.16E-07	1.90E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Cumberland	42041	U	Chloroform	8.39E-02	8.40E-02	8.42E-02	8.44E-02	8.45E-02	8.47E-02	8.50E-02	8.53E-02	1.26E-06	1.48E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Cumberland	42041	U	Chromium Compounds	1.87E-04	2.20E-04	4.10E-04	7.67E-04	2.60E-03	1.72E-03	3.56E-03	1.02E-02	8.97E-06	2.53E-03	2.23E-05	4.09E-05	0.00E+00
Pennsylvania	Cumberland	42041	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	1,3-Dichloropropene	1.90E-02	2.29E-02	3.07E-02	7.49E-02	7.46E-02	9.68E-02	1.21E-01	1.78E-01	0.00E+00	7.46E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	Diesel Particulate Matter	1.55E+00	1.65E+00	1.80E+00	1.98E+00	2.19E+00	2.34E+00	2.51E+00	3.71E+00	0.00E+00	0.00E+00	8.37E-01	1.36E+00	***
Pennsylvania	Cumberland	42041	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.61E-08	1.64E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Cumberland	42041	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.55E-05	4.39E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Cumberland	42041	U	Ethylene Oxide	2.00E-04	2.61E-04	4.53E-04	1.37E-03	2.23E-03	2.21E-03	5.15E-03	9.49E-03	0.00E+00	2.23E-03	0.00E+00		

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Cumberland	42041	U	Polycyclic Organic Matter	1.79E-02	2.18E-02	2.68E-02	6.00E-02	6.04E-02	7.47E-02	9.18E-02	1.30E-01	5.81E-07	6.02E-02	1.58E-04	5.50E-05	0.00E+00
Pennsylvania	Cumberland	42041	U	7-PAH	1.25E-03	1.44E-03	1.57E-03	3.18E-03	3.22E-03	4.02E-03	4.89E-03	6.75E-03	5.21E-07	3.12E-03	7.03E-05	2.42E-05	0.00E+00
Pennsylvania	Cumberland	42041	U	Propylene Dichloride	1.59E-05	1.82E-05	2.10E-05	2.52E-05	2.56E-05	2.72E-05	3.48E-05	4.65E-05	7.15E-06	1.84E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	Quinoline	2.23E-09	3.83E-09	6.60E-09	1.42E-08	1.39E-08	2.00E-08	2.53E-08	2.92E-08	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	1,1,2,2-Tetrachloroethane	1.34E-04	1.54E-04	1.78E-04	2.15E-04	2.16E-04	2.30E-04	2.94E-04	3.94E-04	6.55E-05	1.51E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Cumberland	42041	U	Trichloroethylene	8.44E-02	8.57E-02	9.48E-02	1.08E-01	1.37E-01	1.32E-01	1.73E-01	3.86E-01	1.72E-03	5.45E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Cumberland	42041	U	Vinyl Chloride	3.77E-04	4.50E-04	5.06E-04	5.87E-04	6.18E-04	6.77E-04	8.18E-04	9.94E-04	1.61E-04	4.57E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Acetaldehyde	3.34E-01	3.80E-01	5.41E-01	6.47E-01	6.13E-01	7.16E-01	7.73E-01	7.98E-01	1.68E-04	2.93E-02	4.21E-01	1.62E-01	0.00E+00
Pennsylvania	Dauphin	42043	U	Acrolein	5.93E-02	6.44E-02	8.17E-02	9.81E-02	9.59E-02	1.11E-01	1.21E-01	1.28E-01	6.39E-06	2.06E-02	5.11E-02	2.43E-02	0.00E+00
Pennsylvania	Dauphin	42043	U	Acrylonitrile	3.54E-04	3.70E-04	3.91E-04	4.39E-04	4.67E-04	5.20E-04	6.19E-04	6.44E-04	3.49E-04	1.18E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Arsenic Compounds	1.62E-05	2.60E-05	3.63E-05	5.29E-05	6.25E-05	8.82E-05	1.11E-04	1.37E-04	1.35E-05	4.86E-05	4.10E-07	1.14E-08	0.00E+00
Pennsylvania	Dauphin	42043	U	Benzene	8.92E-01	9.13E-01	1.17E+00	1.47E+00	1.44E+00	1.61E+00	2.02E+00	2.30E+00	1.09E-03	5.33E-02	6.69E-01	2.41E-01	4.80E-01
Pennsylvania	Dauphin	42043	U	Beryllium Compounds	2.37E-06	3.36E-06	6.22E-06	1.13E-05	1.38E-05	2.00E-05	2.48E-05	3.73E-05	5.94E-07	1.33E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	1,3-Butadiene	2.67E-02	3.69E-02	5.69E-02	9.64E-02	9.75E-02	1.16E-01	1.77E-01	2.16E-01	0.00E+00	3.09E-03	6.89E-02	2.56E-02	0.00E+00
Pennsylvania	Dauphin	42043	U	Cadmium Compounds	2.47E-05	2.80E-05	3.28E-05	4.12E-05	6.85E-05	6.18E-05	1.64E-04	2.29E-04	1.28E-05	5.57E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.39E-07	2.15E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Dauphin	42043	U	Chloroform	8.42E-02	8.42E-02	8.44E-02	8.47E-02	8.49E-02	8.51E-02	8.58E-02	8.67E-02	1.99E-04	1.70E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Dauphin	42043	U	Chromium Compounds	1.37E-04	1.87E-04	2.72E-04	3.65E-04	3.82E-04	4.67E-04	5.62E-04	6.10E-04	9.94E-06	3.00E-04	2.60E-05	4.61E-05	0.00E+00
Pennsylvania	Dauphin	42043	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	1,3-Dichloropropene	1.45E-02	1.92E-02	4.61E-02	7.68E-02	8.97E-02	1.12E-01	1.80E-01	2.30E-01	0.00E+00	8.97E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Diesel Particulate Matter	1.61E+00	1.73E+00	1.92E+00	2.15E+00	2.43E+00	2.87E+00	3.44E+00	3.65E+00	0.00E+00	0.00E+00	9.31E-01	1.50E+00	***
Pennsylvania	Dauphin	42043	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.95E-07	7.96E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Dauphin	42043	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.15E-02	6.11E-02	6.11E-02	6.54E-02	4.41E-04	1.80E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Dauphin	42043	U	Ethylene Oxide	2.88E-04	6.14E-04	1.16E-03	2.33E-03	3.57E-03	4.99E-03	7.58E-03	1.06E-02	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Formaldehyde	7.00E-01	7.14E-01	8.32E-01	9.69E-01	9.61E-01	1.09E+00	1.19E+00	1.26E+00	7.46E-03	7.55E-02	3.73E-01	2.55E-01	2.50E-01
Pennsylvania	Dauphin	42043	U	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	9.32E-05	0.00E+00	6.66E-08	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Hydrazine	2.68E-10	6.39E-10	1.95E-09	6.70E-09	1.32E-08	1.76E-08	2.79E-08	3.45E-08	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Lead Compounds	6.58E-04	8.94E-04	1.54E-03	2.20E-03	2.83E-03	3.08E-03	5.49E-03	7.14E-03	9.27E-05	1.05E-03	3.64E-05	1.64E-03	0.00E+00
Pennsylvania	Dauphin	42043	U	Manganese Compounds	3.47E-04	4.77E-04	1.19E-03	2.14E-03	2.68E-03	3.74E-03	5.44E-03	5.75E-03	3.44E-05	2.59E-03	1.07E-05	5.38E-05	0.00E+00
Pennsylvania	Dauphin	42043	U	Mercury Compounds	1.74E-03	1.76E-03	1.80E-03	1.84E-03	1.91E-03	1.96E-03	2.05E-03	2.23E-03	1.43E-04	2.53E-04	3.52E-07	1.27E-05	1.50E-03
Pennsylvania	Dauphin	42043	U	Methylene Chloride	1.85E-01	2.08E-01	2.58E-01	3.25E-01	3.81E-01	5.04E-01	5.86E-01	6.89E-01	1.47E-02	2.16E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Dauphin	42043	U	Nickel Compounds	9.35E-05	1.50E-04	3.84E-04	8.44E-04	1.15E-03	1.78E-03	2.47E-03	2.57E-03	1.62E-05	1.09E-03	2.02E-05	2.42E-05	0.00E+00
Pennsylvania	Dauphin	42043	U	Perchloroethylene	1.53E-01	1.58E-01	1.82E-01	2.19E-01	2.34E-01	2.84E-01	3.32E-01	3.84E-01	7.81E-04	9.36E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Dauphin	42043	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Dauphin	42043	U	Polycyclic Organic Matter	1.45E-02	1.90E-02	3.86E-02	6.12E-02	6.97E-02	8.44E-02	1.34E-01	1.68E-01	5.42E-07	6.95E-02	1.85E-04	9.95E-05	0.00E+00
Pennsylvania	Dauphin	42043	U	7-PAH	1.15E-03	1.32E-03	2.45E-03	3.39E-03	3.83E-03	4.58E-03	6.96E-03	8.83E-03	1.04E-06	3.70E-03	8.20E-05	4.11E-05	0.00E+00
Pennsylvania	Dauphin	42043	U	Propylene Dichloride	2.06E-05	2.15E-05	2.27E-05	2.58E-05	2.72E-05	3.02E-05	3.62E-05	3.76E-05	2.11E-05	6.08E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Quinoline	8.11E-09	1.77E-08	3.07E-08	4.23E-08	5.62E-08	7.20E-08	9.32E-08	1.10E-07	0.00E+00	5.62E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	1,1,2,2-Tetrachloroethane	1.71E-04	1.79E-04	1.89E-04	2.12E-04	2.26E-04	2.52E-04	3.00E-04	3.13E-04	1.94E-04	3.21E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Dauphin	42043	U	Trichloroethylene	8.36E-02	8.62E-02	9.69E-02	1.16E-01	1.27E-01	1.49E-01	1.77E-01	2.06E-01	2.83E-03	4.29E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Dauphin	42043	U	Vinyl Chloride	5.07E-04	5.53E-04	5.90E-04	6.57E-04	7.47E-04	8.34E-04	1.07E-03	1.22E-03	4.77E-04	2.70E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Delaware	42045	U	Acetaldehyde	1.21E+00	1.26E+00	1.40E+00	1.52E+00	1.57E+00	1.72E+00	1.93E+00	2.04E+00	1.21E-03	1.28E-01	8.15E-01	6.27E-01	0.00E+00
Pennsylvania	Delaware	42045	U	Acrolein	1.41E-01	1.48E-01	1.68E-01	1.88E-01	1.96E-01	2.14E-01	2.60E-01	2.86E-01	7.72E-05	1.87E-02	8.48E-02	9.25E-02	0.00E+00
Pennsylvania	Delaware	42045	U	Acrylonitrile	6.37E-04	6.57E-04	6.90E-04	7.35E-04	7.68E-04	8.17E-04	9.41E-04	1.00E-03	3.41E-04	4.26E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Delaware	42045	U</														

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Delaware	42045	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.83E-07	8.03E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Delaware	42045	U	Ethylene Dichloride	6.97E-02	7.14E-02	7.58E-02	8.01E-02	8.11E-02	8.62E-02	9.13E-02	9.59E-02	2.00E-02	1.53E-04	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Delaware	42045	U	Ethylene Oxide	3.98E-03	4.60E-03	5.61E-03	6.45E-03	6.70E-03	7.76E-03	8.72E-03	9.44E-03	2.76E-05	6.67E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Delaware	42045	U	Formaldehyde	1.66E+00	1.68E+00	1.83E+00	2.02E+00	2.07E+00	2.23E+00	2.65E+00	2.86E+00	9.45E-03	1.15E-01	7.02E-01	9.96E-01	2.50E-01
Pennsylvania	Delaware	42045	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.22E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Delaware	42045	U	Hydrazine	5.00E-08	5.54E-08	7.63E-08	1.14E-07	1.73E-07	1.95E-07	3.38E-07	5.73E-07	2.04E-08	1.53E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Delaware	42045	U	Lead Compounds	6.18E-03	6.75E-03	8.66E-03	1.29E-02	1.56E-02	1.76E-02	2.81E-02	3.56E-02	2.64E-04	4.10E-03	8.64E-05	1.11E-02	0.00E+00
Pennsylvania	Delaware	42045	U	Manganese Compounds	1.65E-03	1.84E-03	2.46E-03	3.38E-03	3.33E-03	3.99E-03	4.68E-03	5.14E-03	4.21E-04	2.36E-03	2.56E-05	5.21E-04	0.00E+00
Pennsylvania	Delaware	42045	U	Mercury Compounds	2.44E-03	2.51E-03	2.64E-03	2.89E-03	2.96E-03	3.20E-03	3.44E-03	3.75E-03	3.13E-04	1.09E-03	8.28E-07	5.34E-05	1.50E-03
Pennsylvania	Delaware	42045	U	Methylene Chloride	4.01E-01	4.42E-01	5.04E-01	5.77E-01	6.59E-01	7.21E-01	9.43E-01	1.19E+00	4.64E-02	4.62E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Delaware	42045	U	Nickel Compounds	2.42E-03	2.61E-03	3.37E-03	4.46E-03	5.58E-03	6.34E-03	1.26E-02	1.37E-02	8.45E-04	1.64E-03	4.91E-05	3.05E-03	0.00E+00
Pennsylvania	Delaware	42045	U	Perchloroethylene	2.38E-01	2.50E-01	2.75E-01	3.16E-01	3.23E-01	3.56E-01	3.98E-01	4.35E-01	7.78E-04	1.82E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Delaware	42045	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.84E-04	3.85E-04	3.86E-04	3.87E-04	3.88E-04	0.00E+00	4.62E-06	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Delaware	42045	U	Polycyclic Organic Matter	7.88E-02	9.33E-02	1.20E-01	1.61E-01	1.67E-01	1.94E-01	2.37E-01	2.77E-01	4.40E-02	1.22E-01	4.30E-04	2.36E-04	0.00E+00
Pennsylvania	Delaware	42045	U	7-PAH	3.38E-03	3.85E-03	4.64E-03	6.23E-03	6.58E-03	7.94E-03	9.25E-03	1.06E-02	4.74E-06	6.33E-03	2.12E-04	3.64E-05	0.00E+00
Pennsylvania	Delaware	42045	U	Propylene Dichloride	3.49E-05	3.61E-05	3.79E-05	4.03E-05	4.26E-05	4.73E-05	5.24E-05	5.76E-05	1.98E-05	2.28E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Delaware	42045	U	Quinoline	4.89E-07	5.44E-07	6.23E-07	7.87E-07	9.11E-07	1.04E-06	1.41E-06	1.90E-06	0.00E+00	9.11E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Delaware	42045	U	1,1,2,2-Tetrachloroethane	1.84E-04	1.89E-04	2.01E-04	2.11E-04	2.19E-04	2.23E-04	2.59E-04	3.01E-04	1.81E-04	3.75E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Delaware	42045	U	Trichloroethylene	1.72E-01	1.78E-01	1.87E-01	2.03E-01	2.08E-01	2.24E-01	2.51E-01	2.64E-01	6.10E-02	6.65E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Delaware	42045	U	Vinyl Chloride	1.18E-02	1.23E-02	1.33E-02	1.54E-02	1.66E-02	1.88E-02	2.16E-02	2.30E-02	1.57E-02	8.76E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Acetaldehyde	3.82E-02	4.17E-02	4.68E-02	5.82E-02	7.08E-02	9.07E-02	1.26E-01	1.33E-01	2.86E-04	3.24E-02	2.83E-02	9.73E-03	0.00E+00
Pennsylvania	Elk	42047	U	Acrolein	2.07E-02	2.10E-02	2.35E-02	2.84E-02	3.76E-02	5.52E-02	6.92E-02	7.62E-02	1.92E-05	3.21E-02	4.05E-03	1.42E-03	0.00E+00
Pennsylvania	Elk	42047	U	Acrylonitrile	1.45E-04	1.49E-04	1.83E-04	2.19E-04	2.82E-04	2.45E-04	6.13E-04	8.93E-04	2.61E-04	2.06E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Arsenic Compounds	5.92E-06	9.10E-06	1.64E-05	2.73E-05	4.04E-05	3.63E-05	1.14E-04	1.58E-04	3.06E-05	9.67E-06	1.80E-07	6.17E-10	0.00E+00
Pennsylvania	Elk	42047	U	Benzene	5.39E-01	5.41E-01	5.49E-01	5.70E-01	6.28E-01	6.85E-01	8.25E-01	8.70E-01	1.09E-03	8.46E-02	4.59E-02	1.59E-02	4.80E-01
Pennsylvania	Elk	42047	U	Beryllium Compounds	5.62E-07	8.00E-07	1.38E-06	3.09E-06	5.91E-06	4.17E-06	1.99E-05	2.85E-05	3.98E-06	1.93E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	1,3-Butadiene	5.23E-03	5.75E-03	6.60E-03	1.08E-02	2.08E-02	3.55E-02	5.43E-02	5.76E-02	3.85E-11	1.41E-02	4.83E-03	1.86E-03	0.00E+00
Pennsylvania	Elk	42047	U	Cadmium Compounds	3.78E-06	4.08E-06	4.59E-06	1.00E-05	1.87E-05	1.31E-05	6.07E-05	9.61E-05	1.39E-05	4.76E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.79E-07	2.43E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Elk	42047	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	2.79E-06	1.41E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Elk	42047	U	Chromium Compounds	1.25E-04	1.36E-04	1.66E-04	2.67E-04	9.94E-04	9.77E-04	3.47E-03	5.25E-03	5.86E-05	9.20E-04	1.16E-05	3.96E-06	0.00E+00
Pennsylvania	Elk	42047	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	1,3-Dichloropropene	1.74E-03	1.89E-03	2.41E-03	6.21E-03	1.22E-02	1.94E-02	3.44E-02	3.80E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Diesel Particulate Matter	5.24E-01	5.40E-01	5.83E-01	6.00E-01	6.62E-01	6.83E-01	9.22E-01	1.03E+00	0.00E+00	0.00E+00	2.62E-01	4.00E-01	***
Pennsylvania	Elk	42047	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.46E-07	2.08E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Elk	42047	U	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	3.44E-05	1.36E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Elk	42047	U	Ethylene Oxide	4.34E-05	4.48E-05	5.56E-05	1.14E-04	4.02E-04	4.03E-04	1.49E-03	2.52E-03	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Formaldehyde	3.48E-01	3.52E-01	3.63E-01	4.02E-01	5.01E-01	5.70E-01	8.64E-01	9.66E-01	4.85E-04	2.06E-01	2.78E-02	1.65E-02	2.50E-01
Pennsylvania	Elk	42047	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.07E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Elk	42047	U	Hydrazine	3.84E-10	1.52E-09	3.24E-09	1.24E-08	9.46E-08	7.49E-08	3.92E-07	6.08E-07	0.00E+00	9.46E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Lead Compounds	2.00E-04	2.34E-04	2.93E-04	8.78E-04	2.72E-03	2.99E-03	9.53E-03	1.00E-02	1.07E-03	1.61E-03	1.63E-05	2.59E-05	0.00E+00
Pennsylvania	Elk	42047	U	Manganese Compounds	1.19E-04	1.39E-04	1.63E-04	3.78E-04	5.27E-04	7.46E-04	1.31E-03	1.32E-03	1.59E-04	3.59E-04	4.75E-06	4.94E-06	0.00E+00
Pennsylvania	Elk	42047	U	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	7.63E-06	1.64E-05	1.58E-07	1.05E-06	1.50E-03
Pennsylvania	Elk	42047	U	Methylene Chloride	1.54E-01	1.55E-01	1.56E-01	1.61E-01	1.81E-01	1.78E-01	2.53E-01	3.00E-01	9.58E-04	2.96E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Elk	42047	U	Nickel Compounds	4.49E-05	1.18E-04	2.11E-04	9.55E-04	1.43E-03	2.28E-03	3.84E-03	5.02E-03	1.10E-03	3.14E-04	8.95E-06	2.30E-06	0.00E+00
Pennsylvania	Elk	42047	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.44E-01	1.49E-01	1.52E-01	1.68E-01	1.77E-01	8.24E-04	8.54E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Elk	42047	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Elk	42047	U	Polycyclic Organic Matter	4.10E-03	4.18E-03	4.42E-03	8.04E-03	1.52E-02	2.14E-02	4.11E-02	4.76E-02	1.37E-05	1.51E-02	8.20E-05	4.73E-06	0.00E+00
Pennsylvania	Elk	42047	U	7-PAH	4.94E-04	5.13E-04	5.68E-04	8.26E-04	1.32E-03	2.04E-03	3.05E-03	3.12E-03	2.64E-08	1.28E-03	3.64E-05	2.21E-06	0.00E+00
Pennsylvania	Elk	42047	U	Propylene Dichloride	8.74E-06	8.97E-06	1.15E-05	1.33E-05	1.85E-05	2.09E-05	3.91E-05	5.36E-05	1.58E-05	2.72E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Quinoline	7.49E-09	1.21E-08	1.89E-08	5.46E-08	2.57E-07	2.37E-07	1.00E-06	1.53E-06	0.00E+00	2.57E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	1,1,2,2-Tetrachloroethane	7.74E-05	7.93E-05	9.70E-05	1.09E-04	1.47E-04	1.20E-04	3.32E-04	4.86E-04	1.45E-04	2.46E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Elk	42047	U	Trichloroethylene	8.26E-02	9.35E-02	1.06E-01	1.75E-01	2.76E-01	4.60E-01	6.61E-01	7.72E-01	1.90E-01	4.86E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Elk	42047	U	Vinyl Chloride	1.91E-04	1.96E-04	2.43E-04	2.91E-04	3.71E-04	3.10E-04	8.20E-04	1.20E-03	3.57E-04	1.39E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Acetaldehyde	1.27E-01	1.33E-01	1.80E-01	2.24E-01	2.30E-01	2.58E-01	3.06E-01	3.23E-01	3.83E-03	1.42E-02	1.30E-01	8.11E-02	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Erie	42049	U	Acrolein	2.06E-02	2.34E-02	3.14E-02	3.60E-02	3.81E-02	4.32E-02	5.24E-02	6.09E-02	9.34E-05	1.24E-02	1.51E-02	1.06E-02	0.00E+00
Pennsylvania	Erie	42049	U	Acrylonitrile	2.73E-04	3.25E-04	3.81E-04	4.23E-04	5.93E-04	4.94E-04	5.70E-04	6.29E-04	5.51E-04	4.23E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Arsenic Compounds	1.24E-05	1.87E-05	3.59E-05	1.03E-04	1.73E-04	2.16E-04	4.24E-04	7.26E-04	1.49E-04	2.19E-05	1.49E-07	1.87E-06	0.00E+00
Pennsylvania	Erie	42049	U	Benzene	6.50E-01	6.65E-01	7.69E-01	8.58E-01	8.96E-01	1.01E+00	1.13E+00	1.23E+00	7.64E-03	3.46E-02	2.18E-01	1.56E-01	4.80E-01
Pennsylvania	Erie	42049	U	Beryllium Compounds	1.42E-06	1.46E-06	3.95E-06	9.54E-06	1.35E-05	1.85E-05	3.17E-05	4.00E-05	7.09E-06	6.39E-06	0.00E+00	1.71E-08	0.00E+00
Pennsylvania	Erie	42049	U	1,3-Butadiene	1.27E-02	1.38E-02	2.39E-02	3.64E-02	4.24E-02	5.72E-02	7.49E-02	8.68E-02	1.32E-05	2.15E-03	2.48E-02	1.55E-02	0.00E+00
Pennsylvania	Erie	42049	U	Cadmium Compounds	8.16E-06	8.63E-06	1.38E-05	2.73E-05	4.20E-05	5.25E-05	1.08E-04	1.27E-04	2.52E-05	1.65E-05	0.00E+00	2.39E-07	0.00E+00
Pennsylvania	Erie	42049	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.01E-06	1.15E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Erie	42049	U	Chloroform	8.34E-02	8.34E-02	8.36E-02	8.37E-02	8.39E-02	8.41E-02	8.44E-02	8.47E-02	5.88E-06	9.42E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Erie	42049	U	Chromium Compounds	3.25E-04	5.00E-04	1.17E-03	1.86E-03	3.47E-03	5.08E-03	9.58E-03	1.27E-02	1.63E-04	3.27E-03	9.81E-06	3.41E-05	0.00E+00
Pennsylvania	Erie	42049	U	Coke Oven Emissions	4.07E-04	4.45E-04	9.93E-04	1.32E-03	1.45E-03	1.54E-03	2.06E-03	2.64E-03	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	1,3-Dichloropropene	6.43E-03	7.05E-03	2.12E-02	4.59E-02	5.67E-02	8.34E-02	1.23E-01	1.43E-01	0.00E+00	5.67E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Diesel Particulate Matter	7.14E-01	7.59E-01	8.71E-01	9.84E-01	1.13E+00	1.19E+00	1.69E+00	1.89E+00	0.00E+00	0.00E+00	3.49E-01	7.84E-01	***
Pennsylvania	Erie	42049	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.08E-07	7.00E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Erie	42049	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	7.75E-05	7.44E-06	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Ethylene Oxide	1.81E-04	2.31E-04	5.14E-04	1.10E-03	1.25E-03	1.72E-03	2.55E-03	3.29E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Formaldehyde	4.01E-01	4.13E-01	4.65E-01	5.09E-01	5.31E-01	5.61E-01	6.33E-01	6.81E-01	3.69E-03	4.39E-02	1.16E-01	1.17E-01	2.50E-01
Pennsylvania	Erie	42049	U	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	3.62E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Erie	42049	U	Hydrazine	1.16E-09	1.23E-09	5.86E-09	8.96E-09	2.58E-08	3.67E-08	7.19E-08	1.04E-07	0.00E+00	2.58E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Lead Compounds	1.95E-04	2.43E-04	5.16E-04	1.22E-03	1.80E-03	2.49E-03	4.22E-03	5.93E-03	5.99E-04	1.00E-03	1.38E-05	1.87E-04	0.00E+00
Pennsylvania	Erie	42049	U	Manganese Compounds	5.05E-04	6.82E-04	1.30E-03	3.02E-03	6.27E-03	6.15E-03	1.27E-02	1.40E-02	4.88E-03	1.35E-03	4.00E-06	3.63E-05	0.00E+00
Pennsylvania	Erie	42049	U	Mercury Compounds	1.57E-03	1.57E-03	1.59E-03	1.61E-03	1.65E-03	1.65E-03	1.71E-03	1.77E-03	3.04E-05	1.09E-04	1.32E-07	6.75E-06	1.50E-03
Pennsylvania	Erie	42049	U	Methylene Chloride	1.87E-01	2.24E-01	2.67E-01	3.23E-01	4.43E-01	3.99E-01	5.59E-01	5.99E-01	1.62E-01	1.31E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Erie	42049	U	Nickel Compounds	3.32E-04	4.31E-04	1.15E-03	1.96E-03	3.54E-03	5.23E-03	9.59E-03	1.27E-02	1.79E-04	3.27E-03	7.60E-06	8.26E-05	0.00E+00
Pennsylvania	Erie	42049	U	Perchloroethylene	1.48E-01	1.49E-01	1.68E-01	1.91E-01	1.96E-01	2.21E-01	2.44E-01	2.80E-01	3.35E-03	5.28E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Erie	42049	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Erie	42049	U	Polycyclic Organic Matter	6.45E-03	7.15E-03	1.89E-02	3.42E-02	4.13E-02	5.97E-02	8.49E-02	1.01E-01	1.24E-05	4.12E-02	6.88E-05	5.29E-05	0.00E+00
Pennsylvania	Erie	42049	U	7-PAH	4.99E-04	6.33E-04	1.10E-03	1.88E-03	2.31E-03	3.19E-03	4.60E-03	5.36E-03	9.90E-08	2.25E-03	3.05E-05	2.54E-05	0.00E+00
Pennsylvania	Erie	42049	U	Propylene Dichloride	1.63E-05	1.98E-05	2.29E-05	2.55E-05	3.59E-05	2.99E-05	3.50E-05	3.93E-05	3.34E-05	2.54E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Quinoline	1.34E-08	1.42E-08	2.74E-08	3.77E-08	7.82E-08	1.02E-07	2.05E-07	2.70E-07	0.00E+00	7.82E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	1,1,2,2-Tetrachloroethane	1.44E-04	1.71E-04	2.00E-04	2.23E-04	3.13E-04	2.59E-04	2.99E-04	3.28E-04	3.06E-04	6.96E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Erie	42049	U	Trichloroethylene	8.83E-02	9.00E-02	9.96E-02	1.13E-01	1.38E-01	1.65E-01	2.19E-01	2.74E-01	2.33E-03	5.43E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Erie	42049	U	Vinyl Chloride	3.55E-04	4.23E-04	4.95E-04	5.50E-04	7.73E-04	6.43E-04	7.41E-04	8.16E-04	7.53E-04	2.03E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	Acetaldehyde	1.45E-01	1.87E-01	2.09E-01	2.49E-01	2.45E-01	2.80E-01	2.96E-01	3.09E-01	3.25E-05	3.14E-02	1.56E-01	5.76E-02	0.00E+00
Pennsylvania	Fayette	42051	U	Acrolein	3.15E-02	3.78E-02	3.99E-02	4.54E-02	4.70E-02	5.44E-02	5.85E-02	6.51E-02	5.31E-05	2.10E-02	1.81E-02	7.89E-03	0.00E+00
Pennsylvania	Fayette	42051	U	Acrylonitrile	1.59E-04	2.01E-04	2.34E-04	3.06E-04	3.08E-04	3.72E-04	4.19E-04	4.41E-04	1.03E-04	2.04E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	Arsenic Compounds	1.23E-05	1.66E-05	2.62E-05	3.41E-05	3.78E-05	4.61E-05	6.28E-05	7.04E-05	2.49E-05	1.17E-05	1.95E-07	1.05E-06	0.00E+00
Pennsylvania	Fayette	42051	U	Benzene	6.44E-01	6.90E-01	7.20E-01	7.80E-01	8.26E-01	9.18E-01	1.04E+00	1.12E+00	1.81E-02	6.98E-02	2.02E-01	5.63E-02	4.80E-01
Pennsylvania	Fayette	42051	U	Beryllium Compounds	1.56E-06	2.31E-06	2.91E-06	3.94E-06	5.08E-06	6.60E-06	9.32E-06	1.08E-05	1.27E-06	3.80E-06	0.00E+00	7.54E-09	0.00E+00
Pennsylvania	Fayette	42051	U	1,3-Butadiene	1.25E-02	1.42E-02	1.52E-02	2.39E-02	2.89E-02	4.06E-02	5.82E-02	6.25E-02	6.93E-06	5.08E-03	1.84E-02	5.41E-03	0.00E+00
Pennsylvania	Fayette	42051	U	Cadmium Compounds	1.14E-05	1.32E-05	1.62E-05	2.09E-05	2.55E-05	2.72E-05	4.08E-05	4.83E-05	3.09E-06	2.23E-05	0.00E+00	1.05E-07	0.00E+00
Pennsylvania	Fayette	42051	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.90E-07	1.11E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Fayette	42051	U	Chloroform	8.35E-02	8.36E-02	8.36E-02	8.38E-02	8.38E-02	8.40E-02	8.41E-02	8.42E-02	1.18E-05	8.03E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Fayette	42051	U	Chromium Compounds	7.66E-05	1.77E-04	2.35E-04	3.28E-04	3.48E-04	4.37E-04	5.74E-04	6.01E-04	2.12E-05	2.87E-04	1.26E-05	2.69E-05	0.00E+00
Pennsylvania	Fayette	42051	U	Coke Oven Emissions	0.00E+00	0.00E+00	5.86E-03	8.51E-03	8.30E-03	1.02E-02	1.44E-02	1.97E-02	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	1,3-Dichloropropene	8.80E-03	1.54E-02	1.76E-02	2.22E-02	3.37E-02	4.42E-02	6.45E-02	8.76E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	Diesel Particulate Matter	9.65E-01	1.05E+00	1.08E+00	1.12E+00	1.20E+00	1.31E+00	1.45E+00	1.53E+00	0.00E+00	0.00E+00	5.12E-01	6.88E-01	***
Pennsylvania	Fayette	42051	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.79E-08	2.50E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Fayette	42051	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.52E-05	4.21E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Fayette	42051	U	Ethylene Oxide	1.04E-04	2.59E-04	3.41E-04	4.35E-04	6.94E-04	8.62E-04	1.53E-03	2.01E-03	7.60E-07	6.93E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	Formaldehyde	4.48E-01	4.92E-01	5.14E-01	5.51E-01	5.68E-01	6.33E-01	6.50E-01	6.90E-01	1.87E-03	8.81E-02	1.35E-01	9.31E-02	2.50E-01
Pennsylvania	Fayette	42051	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	0.00E+00	3.63E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Fayette	42051	U	Hydrazine	2.20E-09	3.32E-09	1.09E-08	2.26E-08	5.67E-08	7.78E-08	1.83E-07	2.17E-07	0.00E+00	5.67E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	Lead Compounds	4.17E-04	8.99E-04	1.19E-03	1.47E-03	1.79E-03	2.28E-03	3.28E-03	3.42E-03	4.16E-04	1.24E-03	1.74E-05	1.19E-04	0.00E+00
Pennsylvania	Fayette	42051	U	Manganese Compounds	1.54E-04	2.39E-04	2.95E-04	4.34E-04	5.06E-04	7.04E-04	8.91E-04	1.08E-03	5.76E-05	4.14E-04	5.03E-06	2.87E-05	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Fayette	42051	U	Mercury Compounds	1.55E-03	1.58E-03	1.59E-03	1.60E-03	1.60E-03	1.62E-03	1.63E-03	1.66E-03	1.81E-05	7.87E-05	1.70E-07	6.12E-06	1.50E-03
Pennsylvania	Fayette	42051	U	Methylene Chloride	1.65E-01	1.76E-01	1.85E-01	1.94E-01	2.22E-01	2.55E-01	3.00E-01	3.64E-01	4.08E-04	7.20E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Fayette	42051	U	Nickel Compounds	9.32E-05	1.44E-04	1.82E-04	2.48E-04	3.05E-04	3.85E-04	5.55E-04	6.07E-04	2.32E-05	2.29E-04	9.73E-06	4.34E-05	0.00E+00
Pennsylvania	Fayette	42051	U	Perchloroethylene	1.47E-01	1.54E-01	1.58E-01	1.63E-01	1.70E-01	1.79E-01	1.99E-01	2.09E-01	1.92E-04	3.03E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Fayette	42051	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Fayette	42051	U	Polycyclic Organic Matter	9.55E-03	1.52E-02	1.75E-02	2.20E-02	3.01E-02	3.99E-02	5.47E-02	7.05E-02	9.62E-04	2.90E-02	9.03E-05	1.89E-05	0.00E+00
Pennsylvania	Fayette	42051	U	7-PAH	7.67E-04	1.03E-03	1.14E-03	1.57E-03	1.79E-03	2.35E-03	3.23E-03	3.69E-03	2.64E-08	1.74E-03	4.01E-05	8.28E-06	0.00E+00
Pennsylvania	Fayette	42051	U	Propylene Dichloride	9.39E-06	1.21E-05	1.43E-05	1.90E-05	1.92E-05	2.31E-05	2.62E-05	2.93E-05	6.26E-06	1.29E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	Quinoline	2.98E-08	5.75E-08	1.17E-05	1.78E-05	1.65E-05	2.13E-05	2.90E-05	3.70E-05	1.63E-05	2.01E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	1,1,2,2-Tetrachloroethane	7.66E-05	9.85E-05	1.15E-04	1.47E-04	1.45E-04	1.64E-04	1.88E-04	1.95E-04	6.00E-05	8.52E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fayette	42051	U	Trichloroethylene	8.55E-02	8.62E-02	9.14E-02	9.80E-02	1.06E-01	1.16E-01	1.46E-01	1.62E-01	1.72E-03	2.35E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Fayette	42051	U	Vinyl Chloride	1.97E-04	2.50E-04	2.96E-04	3.88E-04	3.94E-04	4.81E-04	5.46E-04	5.81E-04	1.41E-04	2.53E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	Acetaldehyde	4.32E-02	4.32E-02	4.32E-02	4.71E-02	4.71E-02	5.11E-02	5.11E-02	5.11E-02	1.53E-04	2.04E-02	2.04E-02	6.17E-03	0.00E+00
Pennsylvania	Forest	42053	R	Acrolein	2.13E-02	2.13E-02	2.13E-02	2.36E-02	2.36E-02	2.60E-02	2.60E-02	2.60E-02	4.46E-06	2.01E-02	2.66E-03	8.54E-04	0.00E+00
Pennsylvania	Forest	42053	R	Acrylonitrile	4.60E-05	4.60E-05	4.60E-05	8.42E-05	8.42E-05	1.22E-04	1.22E-04	1.22E-04	6.41E-05	2.01E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	Arsenic Compounds	5.07E-06	5.07E-06	5.07E-06	9.69E-06	9.69E-06	1.43E-05	1.43E-05	1.43E-05	8.66E-06	9.65E-07	5.77E-08	3.24E-10	0.00E+00
Pennsylvania	Forest	42053	R	Benzene	5.44E-01	5.44E-01	5.44E-01	5.49E-01	5.49E-01	5.55E-01	5.55E-01	5.55E-01	2.05E-03	4.37E-02	1.91E-02	4.61E-03	4.80E-01
Pennsylvania	Forest	42053	R	Beryllium Compounds	4.42E-07	4.42E-07	4.42E-07	8.16E-07	8.16E-07	1.19E-06	1.19E-06	1.19E-06	5.78E-07	2.38E-07	0.00E+00	6.89E-13	0.00E+00
Pennsylvania	Forest	42053	R	1,3-Butadiene	6.74E-03	6.74E-03	6.74E-03	7.18E-03	7.18E-03	7.61E-03	7.61E-03	7.61E-03	0.00E+00	5.89E-03	1.03E-03	2.55E-04	0.00E+00
Pennsylvania	Forest	42053	R	Cadmium Compounds	1.62E-06	1.62E-06	1.62E-06	3.20E-06	3.20E-06	4.78E-06	4.78E-06	4.78E-06	1.98E-06	1.22E-06	0.00E+00	9.57E-12	0.00E+00
Pennsylvania	Forest	42053	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	1.17E-07	1.23E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Forest	42053	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	6.84E-07	8.39E-05	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Forest	42053	R	Chromium Compounds	1.66E-04	1.66E-04	1.66E-04	1.82E-04	1.82E-04	1.97E-04	1.97E-04	1.97E-04	7.84E-06	1.68E-04	3.74E-06	2.26E-06	0.00E+00
Pennsylvania	Forest	42053	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
Pennsylvania	Forest	42053	R	1,3-Dichloropropene	2.07E-03	2.07E-03	2.07E-03	2.12E-03	2.12E-03	2.18E-03	2.18E-03	2.18E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	Diesel Particulate Matter	5.59E-01	5.59E-01	5.59E-01	5.67E-01	5.67E-01	5.75E-01	5.75E-01	5.75E-01	0.00E+00	0.00E+00	2.39E-01	3.28E-01	***
Pennsylvania	Forest	42053	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	3.58E-08	1.70E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Forest	42053	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	8.52E-06	2.41E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Forest	42053	R	Ethylene Oxide	2.62E-05	2.62E-05	2.62E-05	3.30E-05	3.30E-05	3.99E-05	3.99E-05	3.99E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	Formaldehyde	4.01E-01	4.01E-01	4.01E-01	4.17E-01	4.17E-01	4.33E-01	4.33E-01	4.33E-01	2.20E-04	1.40E-01	1.63E-02	1.03E-02	2.50E-01
Pennsylvania	Forest	42053	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	5.43E-09	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Forest	42053	R	Hydrazine	3.36E-10	3.36E-10	3.36E-10	5.04E-10	5.04E-10	6.73E-10	6.73E-10	6.73E-10	0.00E+00	5.04E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	Lead Compounds	3.58E-05	3.58E-05	3.58E-05	1.42E-04	1.42E-04	2.47E-04	2.47E-04	2.47E-04	9.09E-05	3.23E-05	5.11E-06	1.34E-05	0.00E+00
Pennsylvania	Forest	42053	R	Manganese Compounds	1.19E-04	1.19E-04	1.19E-04	1.52E-04	1.52E-04	1.84E-04	1.84E-04	1.84E-04	2.04E-05	1.27E-04	1.45E-06	2.50E-06	0.00E+00
Pennsylvania	Forest	42053	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	2.17E-06	1.08E-05	5.07E-08	6.61E-07	1.50E-03
Pennsylvania	Forest	42053	R	Methylene Chloride	1.56E-01	1.56E-01	1.56E-01	1.72E-01	1.72E-01	1.89E-01	1.89E-01	1.89E-01	1.77E-02	4.75E-03	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Forest	42053	R	Nickel Compounds	1.93E-04	1.93E-04	1.93E-04	2.41E-04	2.41E-04	2.88E-04	2.88E-04	2.88E-04	8.69E-05	1.50E-04	2.90E-06	1.03E-06	0.00E+00
Pennsylvania	Forest	42053	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.16E-04	1.27E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Forest	42053	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
Pennsylvania	Forest	42053	R	Polycyclic Organic Matter	4.45E-03	4.45E-03	4.45E-03	4.76E-03	4.76E-03	5.08E-03	5.08E-03	5.08E-03	2.03E-04	4.53E-03	2.75E-05	1.66E-06	0.00E+00
Pennsylvania	Forest	42053	R	7-PAH	5.31E-04	5.31E-04	5.31E-04	5.87E-04	5.87E-04	6.43E-04	6.43E-04	6.43E-04	7.15E-09	5.74E-04	1.22E-05	7.15E-07	0.00E+00
Pennsylvania	Forest	42053	R	Propylene Dichloride	2.73E-06	2.73E-06	2.73E-06	5.03E-06	5.03E-06	7.33E-06	7.33E-06	7.33E-06	3.88E-06	1.15E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	Quinoline	9.28E-09	9.28E-09	9.28E-09	9.43E-09	9.43E-09	9.59E-09	9.59E-09	9.59E-09	0.00E+00	9.43E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	1,1,2,2-Tetrachloroethane	2.31E-05	2.31E-05	2.31E-05	4.40E-05	4.40E-05	6.48E-05	6.48E-05	6.48E-05	3.56E-05	8.43E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Forest	42053	R	Trichloroethylene	8.23E-02	8.23E-02	8.23E-02	9.47E-02	9.47E-02	1.07E-01	1.07E-01	1.07E-01	1.23E-02	1.39E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Forest	42053	R	Vinyl Chloride	5.73E-05	5.73E-05	5.73E-05	1.09E-04	1.09E-04	1.60E-04	1.60E-04	1.60E-04	8.75E-05	2.12E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	Acetaldehyde	1.95E-01	2.04E-01	2.52E-01	3.08E-01	3.09E-01	3.59E-01	4.21E-01	4.32E-01	3.89E-06	4.65E-02	1.87E-01	7.57E-02	0.00E+00
Pennsylvania	Franklin	42055	R	Acrolein	4.19E-02	4.30E-02	4.48E-02	5.45E-02	5.68E-02	6.82E-02	7.31E-02	7.70E-02	1.98E-06	2.05E-02	2.46E-02	1.16E-02	0.00E+00
Pennsylvania	Franklin	42055	R	Acrylonitrile	3.09E-04	3.26E-04	3.46E-04	4.04E-04	4.45E-04	4.67E-04	5.82E-04	7.83E-04	2.83E-07	4.45E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	Arsenic Compounds	6.74E-06	9.52E-06	1.49E-05	7.24E-05	3.16E-04	5.30E-04	8.02E-04	1.01E-03	3.23E-06	3.12E-04	7.10E-07	3.48E-09	0.00E+00
Pennsylvania	Franklin	42055	R	Benzene	7.08E-01	7.16E-01	7.41E-01	7.95E-01	8.69E-01	1.01E+00	1.06E+00	1.09E+00	1.25E-05	5.09E-02	2.60E-01	7.85E-02	4.80E-01
Pennsylvania	Franklin	42055	R	Beryllium Compounds	1.53E-06	1.54E-06	2.35E-06	2.77E-06	5.49E-06	9.30E-06	1.17E-05	1.19E-05	1.71E-07	5.31E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	1,3-Butadiene	1.59E-02	1.61E-02	1.76E-02	2.12E-02	3.24E-02	5.04E-02	5.54E-02	5.81E-02	0.00E+00	3.49E-03	2.37E-02	5.26E-03	0.00E+00
Pennsylvania	Franklin	42055	R	Cadmium Compounds	6.12E-06	6.19E-06	7.46E-06	1.01E-05	1.21E-05	2.22E-05	2.44E-05	2.57E-05	4.18E-07	1.36E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	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	5.19E-10	1.13E-04	0.00E+00	0.00E+00	8.80E-01

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Franklin	42055	R	Chloroform	8.36E-02	8.36E-02	8.37E-02	8.38E-02	8.40E-02	8.42E-02	8.45E-02	8.45E-02	3.02E-09	9.74E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Franklin	42055	R	Chromium Compounds	5.66E-05	5.81E-05	7.67E-05	9.55E-05	1.37E-04	2.03E-04	2.30E-04	2.32E-04	2.10E-06	5.64E-05	4.64E-05	3.23E-05	0.00E+00
Pennsylvania	Franklin	42055	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
Pennsylvania	Franklin	42055	R	1,3-Dichloropropene	1.00E-02	1.09E-02	2.09E-02	2.41E-02	4.57E-02	8.94E-02	9.74E-02	1.05E-01	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	Diesel Particulate Matter	1.16E+00	1.19E+00	1.29E+00	1.53E+00	1.57E+00	1.87E+00	1.91E+00	2.05E+00	0.00E+00	0.00E+00	6.54E-01	9.17E-01	***
Pennsylvania	Franklin	42055	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	1.58E-10	2.58E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Franklin	42055	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.95E-07	5.99E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Franklin	42055	R	Ethylene Oxide	1.65E-04	1.76E-04	2.32E-04	3.23E-04	5.67E-04	8.47E-04	1.10E-03	1.23E-03	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	Formaldehyde	5.06E-01	5.23E-01	5.40E-01	6.28E-01	6.50E-01	7.44E-01	8.22E-01	8.24E-01	2.83E-06	9.67E-02	1.72E-01	1.32E-01	2.50E-01
Pennsylvania	Franklin	42055	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.50E-07	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Franklin	42055	R	Hydrazine	1.33E-10	3.41E-10	5.14E-10	2.28E-09	9.19E-09	1.15E-08	2.66E-08	2.92E-08	0.00E+00	9.19E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	Lead Compounds	1.73E-04	1.73E-04	3.43E-04	5.15E-04	5.44E-04	7.41E-04	8.46E-04	9.02E-04	3.42E-06	3.54E-04	6.52E-05	1.22E-04	0.00E+00
Pennsylvania	Franklin	42055	R	Manganese Compounds	1.97E-04	2.21E-04	3.58E-04	4.69E-04	6.86E-04	1.18E-03	1.39E-03	1.40E-03	3.26E-05	6.00E-04	1.90E-05	3.49E-05	0.00E+00
Pennsylvania	Franklin	42055	R	Mercury Compounds	1.56E-03	1.56E-03	1.57E-03	1.60E-03	1.63E-03	1.61E-03	1.83E-03	1.83E-03	2.85E-06	1.17E-04	6.22E-07	9.25E-06	1.50E-03
Pennsylvania	Franklin	42055	R	Methylene Chloride	1.69E-01	1.71E-01	1.90E-01	2.05E-01	2.49E-01	3.14E-01	3.53E-01	3.67E-01	6.86E-03	9.26E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Franklin	42055	R	Nickel Compounds	6.20E-05	7.57E-05	1.03E-04	2.08E-04	4.79E-04	6.32E-04	1.21E-03	1.32E-03	2.20E-06	4.26E-04	3.59E-05	1.49E-05	0.00E+00
Pennsylvania	Franklin	42055	R	Perchloroethylene	1.48E-01	1.49E-01	1.55E-01	1.62E-01	1.76E-01	2.00E-01	2.16E-01	2.18E-01	4.50E-06	3.61E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Franklin	42055	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
Pennsylvania	Franklin	42055	R	Polycyclic Organic Matter	1.13E-02	1.17E-02	1.85E-02	2.19E-02	3.73E-02	6.89E-02	7.99E-02	8.02E-02	1.70E-07	3.70E-02	3.28E-04	3.41E-05	0.00E+00
Pennsylvania	Franklin	42055	R	7-PAH	9.76E-04	1.00E-03	1.26E-03	1.57E-03	2.29E-03	3.82E-03	4.20E-03	4.56E-03	3.40E-09	2.13E-03	1.46E-04	1.61E-05	0.00E+00
Pennsylvania	Franklin	42055	R	Propylene Dichloride	1.82E-05	1.92E-05	2.05E-05	2.39E-05	2.64E-05	2.78E-05	3.44E-05	4.63E-05	1.71E-08	2.64E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	Quinoline	2.96E-09	5.49E-09	1.17E-08	1.95E-08	3.42E-08	5.10E-08	7.51E-08	8.25E-08	0.00E+00	3.42E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	1,1,2,2-Tetrachloroethane	1.57E-04	1.67E-04	1.76E-04	2.05E-04	2.28E-04	2.39E-04	2.99E-04	4.03E-04	1.57E-07	2.28E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Franklin	42055	R	Trichloroethylene	8.28E-02	8.30E-02	8.50E-02	8.64E-02	9.27E-02	9.70E-02	1.07E-01	1.10E-01	2.97E-07	1.17E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Franklin	42055	R	Vinyl Chloride	3.87E-04	4.12E-04	4.35E-04	5.08E-04	5.62E-04	5.91E-04	7.38E-04	9.93E-04	3.87E-07	5.62E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	Acetaldehyde	8.83E-02	8.83E-02	8.83E-02	1.07E-01	1.09E-01	1.32E-01	1.32E-01	1.32E-01	4.62E-06	2.59E-02	6.51E-02	1.81E-02	0.00E+00
Pennsylvania	Fulton	42057	R	Acrolein	2.73E-02	2.73E-02	2.73E-02	2.90E-02	3.12E-02	3.73E-02	3.73E-02	3.73E-02	2.35E-06	2.07E-02	8.06E-03	2.49E-03	0.00E+00
Pennsylvania	Fulton	42057	R	Acrylonitrile	6.65E-05	6.65E-05	6.65E-05	8.27E-05	8.89E-05	1.17E-04	1.17E-04	1.17E-04	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	Arsenic Compounds	4.66E-06	4.66E-06	4.66E-06	4.04E-04	4.30E-04	8.83E-04	8.83E-04	8.83E-04	3.51E-06	4.27E-04	1.25E-07	8.03E-10	0.00E+00
Pennsylvania	Fulton	42057	R	Benzene	5.78E-01	5.78E-01	5.78E-01	5.91E-01	5.93E-01	6.11E-01	6.11E-01	6.11E-01	1.29E-05	3.88E-02	6.23E-02	1.22E-02	4.80E-01
Pennsylvania	Fulton	42057	R	Beryllium Compounds	6.01E-07	6.01E-07	6.01E-07	7.11E-07	7.78E-07	1.02E-06	1.02E-06	1.02E-06	1.84E-07	5.93E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	1,3-Butadiene	7.87E-03	7.87E-03	7.87E-03	8.14E-03	8.62E-03	9.84E-03	9.84E-03	9.84E-03	0.00E+00	5.00E-03	3.12E-03	4.98E-04	0.00E+00
Pennsylvania	Fulton	42057	R	Cadmium Compounds	2.13E-06	2.13E-06	2.13E-06	3.05E-06	2.75E-06	3.08E-06	3.08E-06	3.08E-06	4.56E-07	2.30E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.08E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Fulton	42057	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	2.30E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Fulton	42057	R	Chromium Compounds	2.49E-05	2.49E-05	2.49E-05	2.64E-05	2.65E-05	2.83E-05	2.83E-05	2.83E-05	2.30E-06	9.70E-06	7.91E-06	6.62E-06	0.00E+00
Pennsylvania	Fulton	42057	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
Pennsylvania	Fulton	42057	R	1,3-Dichloropropene	4.29E-03	4.29E-03	4.29E-03	5.06E-03	5.27E-03	6.46E-03	6.46E-03	6.46E-03	0.00E+00	5.27E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	Diesel Particulate Matter	9.16E-01	9.16E-01	9.16E-01	9.59E-01	9.51E-01	9.77E-01	9.77E-01	9.77E-01	0.00E+00	0.00E+00	4.08E-01	5.43E-01	***
Pennsylvania	Fulton	42057	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	4.79E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Fulton	42057	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	3.98E-07	1.11E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Fulton	42057	R	Ethylene Oxide	8.50E-05	8.50E-05	8.50E-05	9.96E-05	1.28E-04	1.98E-04	1.98E-04	1.98E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	Formaldehyde	4.03E-01	4.03E-01	4.03E-01	4.19E-01	4.29E-01	4.65E-01	4.65E-01	4.65E-01	1.46E-03	9.30E-02	5.42E-02	3.06E-02	2.50E-01
Pennsylvania	Fulton	42057	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	4.21E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Fulton	42057	R	Hydrazine	1.04E-10	1.04E-10	1.04E-10	1.04E-10	1.10E-10	1.20E-10	1.20E-10						

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Fulton	42057	R	Quinoline	3.26E-09	3.26E-09	3.26E-09	5.73E-09	5.01E-09	6.05E-09	6.05E-09	6.05E-09	0.00E+00	5.01E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	1,1,2,2-Tetrachloroethane	3.16E-05	3.16E-05	3.16E-05	4.02E-05	4.30E-05	5.71E-05	5.71E-05	5.71E-05	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Fulton	42057	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.19E-02	8.20E-02	8.25E-02	8.25E-02	8.25E-02	0.00E+00	1.01E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Fulton	42057	R	Vinyl Chloride	7.80E-05	7.80E-05	7.80E-05	9.92E-05	1.06E-04	1.41E-04	1.41E-04	1.41E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	Acetaldehyde	1.11E-01	1.11E-01	1.52E-01	1.68E-01	1.72E-01	1.75E-01	2.71E-01	2.71E-01	1.07E-05	2.68E-02	1.05E-01	4.00E-02	0.00E+00
Pennsylvania	Greene	42059	R	Acrolein	2.83E-02	2.83E-02	3.40E-02	3.45E-02	4.02E-02	3.64E-02	8.89E-02	8.89E-02	2.00E-05	2.26E-02	1.29E-02	5.36E-03	0.00E+00
Pennsylvania	Greene	42059	R	Acrylonitrile	1.34E-04	1.34E-04	1.62E-04	1.79E-04	1.76E-04	1.88E-04	2.13E-04	2.13E-04	8.62E-05	8.94E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	Arsenic Compounds	1.21E-05	1.21E-05	1.74E-05	2.05E-05	2.14E-05	2.50E-05	3.36E-05	3.36E-05	1.22E-05	8.64E-06	2.69E-07	3.60E-07	0.00E+00
Pennsylvania	Greene	42059	R	Benzene	6.02E-01	6.02E-01	6.47E-01	6.65E-01	7.00E-01	6.73E-01	1.03E+00	1.03E+00	6.92E-03	6.96E-02	1.24E-01	2.02E-02	4.80E-01
Pennsylvania	Greene	42059	R	Beryllium Compounds	1.21E-06	1.21E-06	1.72E-06	2.02E-06	2.61E-06	2.36E-06	7.47E-06	7.47E-06	6.08E-07	2.00E-06	0.00E+00	2.37E-09	0.00E+00
Pennsylvania	Greene	42059	R	1,3-Butadiene	8.76E-03	8.76E-03	1.05E-02	1.17E-02	1.88E-02	1.41E-02	6.88E-02	6.88E-02	1.52E-06	8.34E-03	9.25E-03	1.20E-03	0.00E+00
Pennsylvania	Greene	42059	R	Cadmium Compounds	1.15E-05	1.15E-05	1.90E-05	2.04E-05	2.39E-05	2.69E-05	4.74E-05	4.74E-05	1.23E-06	2.27E-05	0.00E+00	3.28E-08	0.00E+00
Pennsylvania	Greene	42059	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	1.58E-07	6.24E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Greene	42059	R	Chloroform	8.33E-02	8.33E-02	8.35E-02	8.35E-02	8.35E-02	8.35E-02	8.37E-02	8.37E-02	1.15E-05	4.65E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Greene	42059	R	Chromium Compounds	1.29E-04	1.29E-04	1.77E-04	2.30E-04	2.32E-04	2.64E-04	3.83E-04	3.83E-04	2.32E-05	1.73E-04	1.73E-05	1.85E-05	0.00E+00
Pennsylvania	Greene	42059	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	3.68E-05	2.93E-03	7.23E-03	8.92E-03	8.92E-03	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	1,3-Dichloropropene	4.68E-03	4.68E-03	1.02E-02	1.34E-02	1.71E-02	1.53E-02	5.45E-02	5.45E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	Diesel Particulate Matter	8.95E-01	8.95E-01	9.66E-01	1.00E+00	1.01E+00	1.02E+00	1.18E+00	1.18E+00	0.00E+00	0.00E+00	4.14E-01	5.94E-01	***
Pennsylvania	Greene	42059	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	4.82E-08	7.99E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Greene	42059	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.14E-05	2.00E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Greene	42059	R	Ethylene Oxide	8.40E-05	8.40E-05	1.40E-04	2.41E-04	3.83E-04	3.14E-04	1.59E-03	1.59E-03	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	Formaldehyde	4.28E-01	4.28E-01	4.65E-01	4.73E-01	5.15E-01	4.79E-01	8.61E-01	8.61E-01	8.08E-03	1.02E-01	8.83E-02	6.67E-02	2.50E-01
Pennsylvania	Greene	42059	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	5.10E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Greene	42059	R	Hydrazine	9.26E-10	9.26E-10	1.03E-09	1.42E-09	8.84E-07	2.82E-09	7.06E-06	7.06E-06	0.00E+00	8.84E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	Lead Compounds	4.43E-04	4.43E-04	4.95E-04	6.67E-04	6.77E-04	8.52E-04	9.44E-04	9.44E-04	1.67E-04	4.15E-04	2.41E-05	7.07E-05	0.00E+00
Pennsylvania	Greene	42059	R	Manganese Compounds	7.88E-05	7.88E-05	1.55E-04	1.89E-04	2.38E-04	2.26E-04	6.81E-04	6.81E-04	1.59E-05	1.95E-04	7.00E-06	1.95E-05	0.00E+00
Pennsylvania	Greene	42059	R	Mercury Compounds	1.56E-03	1.56E-03	1.57E-03	1.58E-03	1.58E-03	1.59E-03	1.61E-03	1.61E-03	1.53E-05	5.98E-05	2.33E-07	4.82E-06	1.50E-03
Pennsylvania	Greene	42059	R	Methylene Chloride	1.59E-01	1.59E-01	1.65E-01	1.73E-01	1.87E-01	1.82E-01	3.00E-01	3.00E-01	3.50E-04	3.70E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Greene	42059	R	Nickel Compounds	5.43E-05	5.43E-05	1.04E-04	1.41E-04	1.63E-04	2.08E-04	3.44E-04	3.44E-04	1.27E-05	1.19E-04	1.34E-05	1.81E-05	0.00E+00
Pennsylvania	Greene	42059	R	Perchloroethylene	1.45E-01	1.45E-01	1.50E-01	1.51E-01	1.55E-01	1.57E-01	1.77E-01	1.77E-01	1.57E-04	1.45E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Greene	42059	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	3.54E-10	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Greene	42059	R	Polycyclic Organic Matter	6.01E-03	6.01E-03	1.02E-02	1.32E-02	1.74E-02	1.51E-02	5.64E-02	5.64E-02	3.53E-04	1.69E-02	1.23E-04	7.16E-06	0.00E+00
Pennsylvania	Greene	42059	R	7-PAH	6.15E-04	6.15E-04	8.63E-04	9.67E-04	1.26E-03	1.02E-03	3.81E-03	3.81E-03	1.01E-08	1.21E-03	5.47E-05	2.73E-06	0.00E+00
Pennsylvania	Greene	42059	R	Propylene Dichloride	7.81E-06	7.81E-06	9.43E-06	1.05E-05	1.03E-05	1.13E-05	1.25E-05	1.25E-05	5.22E-06	5.13E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	Quinoline	2.48E-08	2.48E-08	3.45E-08	9.68E-08	6.00E-06	1.48E-05	1.82E-05	1.82E-05	5.95E-06	4.83E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	1,1,2,2-Tetrachloroethane	6.21E-05	6.21E-05	7.71E-05	8.64E-05	8.45E-05	9.09E-05	1.05E-04	1.05E-04	4.78E-05	3.66E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Greene	42059	R	Trichloroethylene	8.23E-02	8.23E-02	8.29E-02	8.41E-02	8.55E-02	8.54E-02	9.70E-02	9.70E-02	1.24E-04	4.38E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Greene	42059	R	Vinyl Chloride	1.57E-04	1.57E-04	1.99E-04	2.20E-04	2.18E-04	2.38E-04	2.76E-04	2.76E-04	1.18E-04	1.01E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	Acetaldehyde	8.94E-02	9.20E-02	9.79E-02	1.10E-01	1.42E-01	1.34E-01	1.76E-01	1.76E-01	1.14E-04	3.06E-02	7.19E-02	3.93E-02	0.00E+00
Pennsylvania	Huntingdon	42061	R	Acrolein	2.77E-02	2.82E-02	3.03E-02	3.32E-02	4.94E-02	4.16E-02	7.95E-02	1.88E-01	6.09E-06	3.43E-02	9.20E-03	5.94E-03	0.00E+00
Pennsylvania	Huntingdon	42061	R	Acrylonitrile	1.58E-05	1.69E-05	2.20E-05	3.10E-05	5.32E-05	4.38E-05	5.48E-05	3.24E-04	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	Arsenic Compounds	2.97E-06	4.69E-06	8.51E-06	1.32E-05	1.48E-05	1.97E-05	3.00E-05	3.39E-05	1.00E-05	4.55E-06	2.03E-07	1.07E-09	0.00E+00
Pennsylvania	Huntingdon	42061	R	Benzene	5.80E-01	5.86E-01	5.88E-01	6.00E-01	6.57E-01	6.71E-01	8.03E-01	9.72E-01	1.25E-04	7.39E-02	8.06E-02	2.27E-02	4.80E-01
Pennsylvania	Huntingdon	42061	R	Beryllium Compounds	6.46E-07	7.15E-07	8.68E-07	1.22E-06	1.89E-06	1.90E-06	4.92E-06	7.02E-06	5.23E-07	1.36E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	1,3-Butadiene	7.68E-03	7.98E-03	8.69E-03	9.54E-03	2.45E-02	1.92E-02	5.74E-02	1.25E-01	0.00E+00	1.69E-02	6.15E-03	1.51E-03	0.00E+00
Pennsylvania	Huntingdon	42061	R	Cadmium Compounds	2.63E-06	3.25E-06	3.42E-06	5.13E-06	5.82E-06	6.12E-06	1.23E-05	1.30E-05	1.59E-06	4.23E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	3.59E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Huntingdon	42061	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	8.35E-02	8.36E-02	0.00E+00	3.32E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Huntingdon	42061	R	Chromium Compounds	3.74E-05	4.11E-05	5.31E-05	7.80E-05	8.79E-05	9.97E-05	1.20E-04	2.64E-04	7.06E-06	4.86E-05	1.28E-05	1.95E-05	0.00E+00
Pennsylvania	Huntingdon	42061	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
Pennsylvania	Huntingdon	42061	R	1,3-Dichloropropene	5.26E-03	5.46E-03	5.87E-03	6.27E-03	1.18E-02	1.10E-02	3.09E-02	4.98E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	Diesel Particulate Matter	8.26E-01	8.63E-01	8.76E-01	9.05E-01	1.02E+00	1.05E+00	1.27E+00	2.07E+00	0.00E+00	0.00E+00	4.09E-01	6.15E-01	***
Pennsylvania	Huntingdon	42061	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	3.98E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Huntingdon	42061	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.00E-06	6.83E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Huntingdon	42061	R	Ethylene Oxide	7.73E-05	1.05E-04	1.95E-04	2.98E-04	4.53E-04	3.29E-04	1.06E-03	2.35E-03	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Huntingdon	42061	R	Formaldehyde	3.92E-01	4.03E-01	4.07E-01	4.22E-01	5.42E-01	4.83E-01	7.13E-01	1.60E+00	3.02E-04	1.59E-01	6.03E-02	7.22E-02	2.50E-01
Pennsylvania	Huntingdon	42061	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.30E-05	9.31E-05	9.49E-05	0.00E+00	1.72E-07	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Huntingdon	42061	R	Hydrazine	9.52E-11	2.92E-10	7.10E-10	9.50E-10	1.69E-09	1.66E-09	3.73E-09	7.89E-09	0.00E+00	1.69E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	Lead Compounds	1.21E-04	1.39E-04	1.54E-04	3.01E-04	4.12E-04	6.11E-04	8.21E-04	1.08E-03	1.46E-04	1.83E-04	1.78E-05	6.61E-05	0.00E+00
Pennsylvania	Huntingdon	42061	R	Manganese Compounds	9.74E-05	1.03E-04	1.27E-04	1.69E-04	2.59E-04	2.48E-04	6.78E-04	8.79E-04	4.69E-05	1.86E-04	5.19E-06	2.05E-05	0.00E+00
Pennsylvania	Huntingdon	42061	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.59E-03	2.33E-06	3.19E-05	1.74E-07	5.59E-06	1.50E-03
Pennsylvania	Huntingdon	42061	R	Methylene Chloride	1.61E-01	1.61E-01	1.62E-01	1.64E-01	1.83E-01	1.72E-01	2.84E-01	2.91E-01	4.38E-03	2.84E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Huntingdon	42061	R	Nickel Compounds	4.11E-05	4.93E-05	5.64E-05	9.52E-05	1.43E-04	1.05E-04	3.90E-04	5.81E-04	7.17E-06	1.17E-04	9.94E-06	8.72E-06	0.00E+00
Pennsylvania	Huntingdon	42061	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.45E-01	1.49E-01	1.47E-01	1.69E-01	1.74E-01	1.03E-06	8.73E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Huntingdon	42061	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
Pennsylvania	Huntingdon	42061	R	Polycyclic Organic Matter	6.69E-03	7.09E-03	7.59E-03	8.56E-03	1.44E-02	1.28E-02	3.35E-02	4.21E-02	4.56E-07	1.43E-02	9.14E-05	8.40E-06	0.00E+00
Pennsylvania	Huntingdon	42061	R	7-PAH	6.58E-04	6.77E-04	7.34E-04	8.61E-04	1.46E-03	1.13E-03	3.10E-03	5.12E-03	9.31E-09	1.42E-03	4.06E-05	3.40E-06	0.00E+00
Pennsylvania	Huntingdon	42061	R	Propylene Dichloride	6.48E-07	8.55E-07	1.13E-06	1.75E-06	2.98E-06	2.25E-06	3.10E-06	1.89E-05	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	Quinoline	2.63E-09	7.30E-09	1.45E-08	1.92E-08	2.13E-08	2.83E-08	3.47E-08	4.37E-08	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	1,1,2,2-Tetrachloroethane	7.44E-08	2.92E-06	4.32E-06	9.15E-06	2.09E-05	1.57E-05	2.46E-05	1.64E-04	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Huntingdon	42061	R	Trichloroethylene	8.17E-02	8.18E-02	8.19E-02	8.23E-02	8.44E-02	8.26E-02	9.72E-02	9.83E-02	6.63E-05	3.33E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Huntingdon	42061	R	Vinyl Chloride	8.19E-07	8.19E-06	1.14E-05	2.36E-05	5.24E-05	3.92E-05	6.10E-05	4.04E-04	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	Acetaldehyde	9.48E-02	9.76E-02	1.00E-01	1.17E-01	1.33E-01	1.67E-01	1.94E-01	1.96E-01	3.48E-05	1.83E-02	8.52E-02	2.99E-02	0.00E+00
Pennsylvania	Indiana	42063	R	Acrolein	2.22E-02	2.25E-02	2.32E-02	2.61E-02	2.99E-02	3.13E-02	4.68E-02	4.77E-02	2.03E-05	1.47E-02	1.05E-02	4.68E-03	0.00E+00
Pennsylvania	Indiana	42063	R	Acrylonitrile	9.30E-05	1.07E-04	1.24E-04	1.75E-04	1.86E-04	2.54E-04	3.14E-04	3.25E-04	8.12E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	Arsenic Compounds	2.27E-05	2.29E-05	2.65E-05	3.51E-05	3.90E-05	4.56E-05	7.34E-05	7.34E-05	2.99E-05	8.45E-06	3.17E-07	3.15E-07	0.00E+00
Pennsylvania	Indiana	42063	R	Benzene	6.02E-01	6.03E-01	6.12E-01	6.38E-01	7.07E-01	7.25E-01	1.02E+00	1.09E+00	1.51E-03	8.28E-02	1.18E-01	2.53E-02	4.80E-01
Pennsylvania	Indiana	42063	R	Beryllium Compounds	1.64E-06	1.91E-06	2.22E-06	2.56E-06	4.32E-06	4.18E-06	1.24E-05	1.34E-05	1.56E-06	2.76E-06	0.00E+00	2.28E-09	0.00E+00
Pennsylvania	Indiana	42063	R	1,3-Butadiene	8.24E-03	8.33E-03	9.29E-03	1.08E-02	1.79E-02	1.59E-02	4.24E-02	5.31E-02	4.78E-07	4.87E-03	1.16E-02	1.48E-03	0.00E+00
Pennsylvania	Indiana	42063	R	Cadmium Compounds	5.40E-06	5.56E-06	8.13E-06	1.07E-05	1.23E-05	1.46E-05	2.31E-05	2.42E-05	4.22E-06	8.00E-06	0.00E+00	3.16E-08	0.00E+00
Pennsylvania	Indiana	42063	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	1.49E-07	5.42E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Indiana	42063	R	Chloroform	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.37E-02	8.39E-02	8.66E-07	4.29E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Indiana	42063	R	Chromium Compounds	5.41E-05	5.51E-05	6.43E-05	9.59E-05	1.06E-04	1.34E-04	1.95E-04	2.00E-04	2.90E-05	4.24E-05	2.01E-05	1.48E-05	0.00E+00
Pennsylvania	Indiana	42063	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	5.05E-05	7.03E-05	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	1,3-Dichloropropene	5.87E-03	6.15E-03	7.36E-03	9.81E-03	2.29E-02	2.52E-02	6.89E-02	9.32E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	Diesel Particulate Matter	8.16E-01	8.33E-01	8.47E-01	8.99E-01	9.40E-01	9.74E-01	1.18E+00	1.17E+00	0.00E+00	0.00E+00	4.18E-01	5.22E-01	***
Pennsylvania	Indiana	42063	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	4.55E-08	5.41E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Indiana	42063	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	1.28E-05	3.06E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Indiana	42063	R	Ethylene Oxide	4.44E-05	5.73E-05	8.17E-05	1.79E-04	3.77E-04	3.08E-04	1.53E-03	1.58E-03	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	Formaldehyde	3.82E-01	3.87E-01	3.94E-01	4.10E-01	4.59E-01	4.82E-01	6.59E-01	6.62E-01	2.62E-05	7.82E-02	7.85E-02	5.19E-02	2.50E-01
Pennsylvania	Indiana	42063	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	3.18E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Indiana	42063	R	Hydrazine	9.32E-11	1.02E-10	3.19E-10	1.42E-09	2.39E-09	2.87E-09	5.32E-09	9.20E-09	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	Lead Compounds	8.17E-05	8.39E-05	1.05E-04	3.40E-04	3.17E-04	4.83E-04	6.41E-04	6.72E-04	1.42E-04	1.22E-04	2.83E-05	2.49E-05	0.00E+00
Pennsylvania	Indiana	42063	R	Manganese Compounds	1.55E-04	1.69E-04	2.13E-04	8.39E-04	1.03E-03	1.30E-03	2.61E-03	3.30E-03	3.67E-04	6.37E-04	8.26E-06	1.57E-05	0.00E+00
Pennsylvania	Indiana	42063	R	Mercury Compounds	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.58E-03	1.59E-03	1.48E-05	3.37E-05	2.75E-07	3.80E-06	1.50E-03
Pennsylvania	Indiana	42063	R	Methylene Chloride	1.58E-01	1.58E-01	1.63E-01	1.77E-01	2.04E-01	2.07E-01	3.44E-01	3.59E-01	3.12E-04	5.40E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Indiana	42063	R	Nickel Compounds	7.22E-05	1.15E-04	1.74E-04	3.27E-04	3.49E-04	4.45E-04	7.18E-04	8.08E-04	1.43E-04	1.74E-04	1.55E-05	1.60E-05	0.00E+00
Pennsylvania	Indiana	42063	R	Perchloroethylene	1.44E-01	1.44E-01	1.46E-01	1.51E-01	1.62E-01	1.66E-01	2.16E-01	2.25E-01	1.50E-04	2.20E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Indiana	42063	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
Pennsylvania	Indiana	42063	R	Polycyclic Organic Matter	6.19E-03	7.11E-03	7.29E-03	1.01E-02	2.07E-02	2.32E-02	6.33E-02	7.85E-02	6.68E-05	2.05E-02	1.42E-04	9.92E-06	0.00E+00
Pennsylvania	Indiana	42063	R	7-PAH	5.38E-04	5.59E-04	6.14E-04	7.60E-04	1.23E-03	1.27E-03	3.07E-03	3.95E-03	2.82E-08	1.16E-03	6.30E-05	4.55E-06	0.00E+00
Pennsylvania	Indiana	42063	R	Propylene Dichloride	5.25E-06	6.11E-06	7.02E-06	1.03E-05	1.08E-05	1.50E-05	1.77E-05	1.86E-05	4.92E-06	5.85E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	Quinoline	1.74E-09	2.50E-09	3.82E-09	1.29E-08	1.17E-06	2.05E-08	2.89E-08	3.39E-08	1.16E-06	1.36E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	1,1,2,2-Tetrachloroethane	4.43E-05	5.17E-05	5.90E-05	8.63E-05	8.72E-05	1.12E-04	1.39E-04	1.45E-04	4.51E-05	4.21E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Indiana	42063	R	Trichloroethylene	8.19E-02	8.19E-02	8.28E-02	8.70E-02	9.00E-02	8.99E-02	1.08E-01	1.15E-01	7.32E-04	8.25E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Indiana	42063	R	Vinyl Chloride	1.09E-04	1.28E-04	1.45E-04	2.15E-04	2.33E-04	3.24E-04	4.12E-04	4.15E-04	1.11E-04	1.22E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	Acetaldehyde	7.19E-02	7.48E-02	7.80E-02	1.07E-01	1.67E-01	1.80E-01	4.37E-01	4.39E-01	6.45E-06	6.74E-02	5.81E-02	4.14E-02	0.00E+00
Pennsylvania	Jefferson	42065	R	Acrolein	2.10E-02	2.16E-02	2.26E-02	3.01E-02	5.79E-02	6.68E-02	1.62E-01	1.63E-01	3.28E-06	4.33E-02	8.35E-03	6.28E-03	0.00E+00
Pennsylvania	Jefferson	42065	R	Acrylonitrile	4.03E-05	4.04E-05	4.27E-05	4.74E-05	5.56E-05	5.18E-05	9.17E-05	9.21E-05	1.39E-05	4.17E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	Arsenic Compounds	3.52E-06	3.58E-06	1.08E-05	1.41E-05	1.68E-05	1.97E-05	3.67E-05	3.67E-05	5.67E-06	1.08E-05	3.75E-07	1.16E-09	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Jefferson	42065	R	Benzene	5.74E-01	5.81E-01	5.83E-01	6.45E-01	7.39E-01	7.89E-01	1.15E+00	1.15E+00	5.67E-05	1.32E-01	1.07E-01	2.04E-02	4.80E-01
Pennsylvania	Jefferson	42065	R	Beryllium Compounds	5.51E-07	6.50E-07	1.03E-06	1.61E-06	3.41E-06	5.34E-06	9.31E-06	9.31E-06	3.00E-07	3.11E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	1,3-Butadiene	7.12E-03	7.21E-03	7.90E-03	1.59E-02	4.06E-02	5.18E-02	1.31E-01	1.31E-01	0.00E+00	2.67E-02	1.21E-02	1.74E-03	0.00E+00
Pennsylvania	Jefferson	42065	R	Cadmium Compounds	2.30E-06	2.50E-06	4.17E-06	4.74E-06	7.43E-06	9.80E-06	1.71E-05	1.71E-05	7.37E-07	6.70E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	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	2.55E-08	3.52E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Jefferson	42065	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.35E-02	8.36E-02	8.37E-02	1.49E-07	3.51E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Jefferson	42065	R	Chromium Compounds	9.59E-05	1.33E-04	4.50E-04	9.10E-04	3.29E-03	1.28E-03	1.35E-02	1.35E-02	3.70E-06	3.24E-03	2.38E-05	2.21E-05	0.00E+00
Pennsylvania	Jefferson	42065	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
Pennsylvania	Jefferson	42065	R	1,3-Dichloropropene	5.13E-03	5.26E-03	5.85E-03	1.68E-02	2.55E-02	5.41E-02	6.30E-02	6.51E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	Diesel Particulate Matter	7.08E-01	7.12E-01	7.29E-01	8.25E-01	9.81E-01	1.05E+00	1.78E+00	1.78E+00	0.00E+00	0.00E+00	3.62E-01	6.19E-01	***
Pennsylvania	Jefferson	42065	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	7.79E-09	4.27E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Jefferson	42065	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	2.32E-06	8.93E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Jefferson	42065	R	Ethylene Oxide	4.02E-05	4.37E-05	9.19E-05	1.92E-04	7.33E-04	7.01E-04	3.03E-03	3.03E-03	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	Formaldehyde	3.69E-01	3.72E-01	4.19E-01	4.43E-01	9.24E-01	8.51E-01	2.73E+00	2.73E+00	1.17E-05	5.33E-01	6.25E-02	7.81E-02	2.50E-01
Pennsylvania	Jefferson	42065	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	5.34E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Jefferson	42065	R	Hydrazine	4.87E-11	7.92E-11	8.07E-10	2.49E-09	1.30E-08	4.85E-09	5.54E-08	5.54E-08	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	Lead Compounds	4.53E-05	7.46E-05	1.03E-04	1.74E-04	2.32E-04	3.30E-04	5.15E-04	5.40E-04	6.02E-06	1.06E-04	3.35E-05	8.64E-05	0.00E+00
Pennsylvania	Jefferson	42065	R	Manganese Compounds	1.02E-04	1.30E-04	3.06E-04	3.79E-04	1.39E-03	1.16E-03	5.07E-03	5.07E-03	7.16E-06	1.35E-03	9.82E-06	2.30E-05	0.00E+00
Pennsylvania	Jefferson	42065	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.59E-03	1.59E-03	3.46E-06	3.47E-05	3.27E-07	6.30E-06	1.50E-03
Pennsylvania	Jefferson	42065	R	Methylene Chloride	1.56E-01	1.57E-01	1.70E-01	1.72E-01	2.53E-01	2.36E-01	5.44E-01	5.44E-01	5.34E-05	1.03E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Jefferson	42065	R	Nickel Compounds	4.91E-05	7.35E-05	1.00E-04	1.49E-04	2.43E-04	1.66E-04	7.79E-04	7.84E-04	1.07E-05	2.04E-04	1.84E-05	9.86E-06	0.00E+00
Pennsylvania	Jefferson	42065	R	Perchloroethylene	1.43E-01	1.44E-01	1.44E-01	1.49E-01	1.60E-01	1.75E-01	1.97E-01	1.97E-01	2.57E-05	2.00E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Jefferson	42065	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
Pennsylvania	Jefferson	42065	R	Polycyclic Organic Matter	5.67E-03	6.07E-03	7.12E-03	1.46E-02	2.58E-02	4.73E-02	6.52E-02	6.52E-02	3.00E-07	2.56E-02	1.68E-04	7.35E-06	0.00E+00
Pennsylvania	Jefferson	42065	R	7-PAH	5.17E-04	5.41E-04	6.13E-04	1.10E-03	2.13E-03	3.07E-03	5.80E-03	5.81E-03	6.00E-09	2.05E-03	7.44E-05	2.67E-06	0.00E+00
Pennsylvania	Jefferson	42065	R	Propylene Dichloride	2.05E-06	2.18E-06	2.32E-06	2.41E-06	3.17E-06	3.59E-06	5.20E-06	5.76E-06	8.44E-07	2.33E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	Quinoline	7.01E-10	9.94E-10	3.78E-09	1.14E-08	3.48E-08	1.30E-08	1.42E-07	1.42E-07	0.00E+00	3.48E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	1,1,2,2-Tetrachloroethane	1.40E-05	1.53E-05	1.72E-05	1.79E-05	2.25E-05	1.96E-05	4.17E-05	4.27E-05	7.73E-06	1.48E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Jefferson	42065	R	Trichloroethylene	8.17E-02	8.19E-02	8.31E-02	8.59E-02	9.05E-02	9.16E-02	1.13E-01	1.13E-01	1.04E-03	8.47E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Jefferson	42065	R	Vinyl Chloride	3.49E-05	3.82E-05	4.29E-05	4.58E-05	5.66E-05	4.87E-05	1.06E-04	1.06E-04	1.90E-05	3.76E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Acetaldehyde	1.29E-01	1.29E-01	1.44E-01	1.65E-01	1.57E-01	1.71E-01	1.71E-01	1.71E-01	9.57E-06	2.25E-02	1.05E-01	2.99E-02	0.00E+00
Pennsylvania	Juniata	42067	R	Acrolein	3.55E-02	3.55E-02	3.76E-02	4.11E-02	4.02E-02	4.28E-02	4.32E-02	4.32E-02	4.87E-06	2.24E-02	1.34E-02	4.38E-03	0.00E+00
Pennsylvania	Juniata	42067	R	Acrylonitrile	4.37E-05	4.37E-05	4.65E-05	5.30E-05	5.54E-05	6.43E-05	7.19E-05	7.19E-05	1.94E-05	3.60E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Arsenic Compounds	5.25E-06	5.25E-06	9.09E-06	1.32E-05	1.47E-05	2.03E-05	2.72E-05	2.72E-05	7.59E-06	6.89E-06	2.41E-07	1.04E-09	0.00E+00
Pennsylvania	Juniata	42067	R	Benzene	6.18E-01	6.18E-01	6.36E-01	6.63E-01	6.66E-01	6.76E-01	6.80E-01	6.80E-01	7.76E-05	4.34E-02	1.09E-01	2.37E-02	4.80E-01
Pennsylvania	Juniata	42067	R	Beryllium Compounds	8.46E-07	8.46E-07	1.22E-06	1.74E-06	1.56E-06	1.89E-06	1.91E-06	1.91E-06	3.91E-07	1.16E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	1,3-Butadiene	1.02E-02	1.02E-02	1.12E-02	1.53E-02	1.49E-02	1.86E-02	1.86E-02	1.86E-02	0.00E+00	6.53E-03	7.27E-03	1.08E-03	0.00E+00
Pennsylvania	Juniata	42067	R	Cadmium Compounds	6.02E-06	6.02E-06	8.10E-06	1.09E-05	5.79E-05	1.08E-04	2.04E-04	2.04E-04	6.61E-06	5.13E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	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	3.56E-08	5.89E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Juniata	42067	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	2.07E-07	3.74E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Juniata	42067	R	Chromium Compounds	4.62E-05	4.62E-05	5.04E-05	5.84E-05	5.93E-05	6.81E-05	7.41E-05	7.41E-05	6.79E-06	2.51E-05	1.49E-05	1.25E-05	0.00E+00
Pennsylvania	Juniata	42067	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
Pennsylvania	Juniata	42067	R	1,3-Dichloropropene	7.01E-03	7.01E-03	8.32E-03	1.10E-02	1.06E-02	1.28E-02	1.31E-02	1.31E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Diesel Particulate Matter	1.05E+00	1.05E+00	1.12E+00	1.20E+00	1.17E+00	1.21E+00	1.22E+00	1.22E+00	0.00E+00	0.00E+00	5.02E-01	6.65E-01	***
Pennsylvania	Juniata	42067	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	1.09E-08	1.30E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Juniata	42067	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.19E-06	3.61E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Juniata	42067	R	Ethylene Oxide	4.65E-05	4.65E-05	6.16E-05	7.84E-05	7.70E-05	9.24E-05	1.05E-04	1.05E-04	0.00E+00	7.70E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Formaldehyde	4.43E-01	4.43E-01	4.63E-01	4.96E-01	4.89E-01	5.16E-01	5.23E-01	5.23E-01	2.38E-04	9.70E-02	8.98E-02	5.23E-02	2.50E-01
Pennsylvania	Juniata	42067	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.64E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Juniata	42067	R	Hydrazine	8.58E-11	8.58E-11	1.12E-10	1.79E-10	2.36E-10	3.61E-10	5.03E-10	5.03E-10	0.00E+00	2.36E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Lead Compounds	1.64E-04	1.64E-04	2.00E-04	3.09E-04	4.55E-04	7.10E-04	1.04E-03	1.04E-03	2.25E-04	2.09E-04	2.06E-05	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Manganese Compounds	1.95E-04	1.95E-04	2.16E-04	2.40E-04	2.35E-04	2.54E-04	2.64E-04	2.64E-04	1.88E-05	1.96E-04	6.01E-06	1.38E-05	0.00E+00
Pennsylvania	Juniata	42067	R	Mercury Compounds	1.56E-03	1.56E-03	1.57E-03	1.59E-03	1.60E-03	1.62E-03	1.64E-03	1.64E-03	5.81E-05	3.32E-05	2.03E-07	3.60E-06	1.50E-03
Pennsylvania	Juniata	42067	R	Methylene Chloride	1.64E-01	1.64E-01	1.65E-01	1.74E-01	1.74E-01	1.83E-01	1.84E-01	1.84E-01	2.67E-03	2.12E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Juniata	42067	R	Nickel Compounds	4.40E-05	4.40E-05	5.27E-05	1.07E-04	1.02E-04	1.52E-04	1.52E-04	1.52E-04	6.88E-06	7.80E-05	1.16E-05	5.77E-06	0.00E+00

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Juniata	42067	R	Perchloroethylene	1.45E-01	1.45E-01	1.46E-01	1.48E-01	1.48E-01	1.50E-01	1.50E-01	1.50E-01	3.52E-05	7.90E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Juniata	42067	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
Pennsylvania	Juniata	42067	R	Polycyclic Organic Matter	8.40E-03	8.40E-03	9.43E-03	1.17E-02	1.14E-02	1.34E-02	1.38E-02	1.38E-02	3.91E-07	1.13E-02	1.07E-04	8.93E-06	0.00E+00
Pennsylvania	Juniata	42067	R	7-PAH	8.30E-04	8.30E-04	8.71E-04	1.03E-03	1.01E-03	1.15E-03	1.16E-03	1.16E-03	2.15E-07	9.59E-04	4.76E-05	4.27E-06	0.00E+00
Pennsylvania	Juniata	42067	R	Propylene Dichloride	2.12E-06	2.12E-06	2.28E-06	2.74E-06	2.82E-06	3.36E-06	3.69E-06	3.69E-06	1.18E-06	1.64E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Quinoline	2.40E-09	2.40E-09	2.52E-09	3.70E-09	4.29E-09	6.06E-09	7.36E-09	7.36E-09	0.00E+00	4.29E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	1,1,2,2-Tetrachloroethane	1.35E-05	1.35E-05	1.50E-05	1.97E-05	1.99E-05	2.48E-05	2.67E-05	2.67E-05	1.08E-05	9.14E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Juniata	42067	R	Trichloroethylene	8.20E-02	8.20E-02	8.21E-02	8.30E-02	8.30E-02	8.39E-02	8.39E-02	8.39E-02	1.34E-04	1.87E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Juniata	42067	R	Vinyl Chloride	3.36E-05	3.36E-05	3.73E-05	4.88E-05	5.16E-05	6.59E-05	7.52E-05	7.52E-05	2.65E-05	2.51E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lackawanna	42069	U	Acetaldehyde	3.17E-01	3.61E-01	4.28E-01	4.99E-01	4.85E-01	5.51E-01	5.92E-01	6.13E-01	0.00E+00	3.71E-02	3.13E-01	1.36E-01	0.00E+00
Pennsylvania	Lackawanna	42069	U	Acrolein	5.70E-02	6.62E-02	8.14E-02	9.12E-02	9.18E-02	1.04E-01	1.17E-01	1.26E-01	4.91E-05	3.36E-02	3.73E-02	2.09E-02	0.00E+00
Pennsylvania	Lackawanna	42069	U	Acrylonitrile	2.23E-03	2.31E-03	2.58E-03	3.46E-03	3.60E-03	4.05E-03	5.10E-03	6.00E-03	3.52E-03	7.98E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lackawanna	42069	U	Arsenic Compounds	8.08E-06	1.25E-05	2.42E-05	4.63E-05	4.14E-05	5.50E-05	6.33E-05	7.00E-05	9.47E-10	4.11E-05	2.91E-07	9.51E-09	0.00E+00
Pennsylvania	Lackawanna	42069	U	Benzene	8.09E-01	8.86E-01	1.06E+00	1.31E+00	1.28E+00	1.50E+00	1.61E+00	1.76E+00	1.28E-02	9.99E-02	5.22E-01	1.65E-01	4.80E-01
Pennsylvania	Lackawanna	42069	U	Beryllium Compounds	2.30E-06	3.46E-06	6.98E-06	1.34E-05	1.23E-05	1.65E-05	2.04E-05	2.22E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lackawanna	42069	U	1,3-Butadiene	2.25E-02	2.99E-02	4.97E-02	7.82E-02	8.16E-02	1.12E-01	1.27E-01	1.54E-01	5.23E-06	6.76E-03	5.66E-02	1.82E-02	0.00E+00
Pennsylvania	Lackawanna	42069	U	Cadmium Compounds	3.34E-05	3.89E-05	5.82E-05	7.23E-05	7.04E-05	8.32E-05	9.04E-05	1.00E-04	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lackawanna	42069	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.45E-06	2.35E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Lackawanna	42069	U	Chloroform													

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Lancaster	42071	U	1,3-Dichloropropene	2.65E-02	2.84E-02	3.36E-02	6.45E-02	9.00E-02	1.00E-01	2.07E-01	2.50E-01	0.00E+00	9.00E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lancaster	42071	U	Diesel Particulate Matter	1.93E+00	2.02E+00	2.12E+00	2.33E+00	2.45E+00	2.73E+00	3.02E+00	3.14E+00	0.00E+00	0.00E+00	9.24E-01	1.53E+00	***
Pennsylvania	Lancaster	42071	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	6.67E-08	3.03E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Lancaster	42071	U	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	1.57E-05	2.93E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Lancaster	42071	U	Ethylene Oxide	3.98E-04	4.46E-04	5.96E-04	1.18E-03	1.64E-03	2.30E-03	3.39E-03	4.90E-03	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lancaster	42071	U	Formaldehyde	7.04E-01	7.20E-01	7.48E-01	8.16E-01	8.52E-01	9.35E-01	1.03E+00	1.09E+00	8.80E-03	5.39E-02	3.05E-01	2.35E-01	2.50E-01
Pennsylvania	Lancaster	42071	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.37E-05	0.00E+00	1.47E-07	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Lancaster	42071	U	Hydrazine	5.57E-09	6.83E-09	1.14E-08	2.50E-08	7.88E-08	1.28E-07	1.78E-07	2.16E-07	1.32E-09	7.75E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lancaster	42071	U	Lead Compounds	3.07E-03	3.49E-03	5.99E-03	1.31E-02	2.73E-02	4.47E-02	6.05E-02	6.31E-02	1.21E-04	2.65E-02	2.15E-05	6.70E-04	0.00E+00
Pennsylvania	Lancaster	42071	U	Manganese Compounds	8.28E-04	9.35E-04	1.28E-03	2.37E-03	4.22E-03	6.87E-03	8.90E-03	1.10E-02	8.31E-05	4.08E-03	6.23E-06	5.42E-05	0.00E+00
Pennsylvania	Lancaster	42071	U	Mercury Compounds	1.67E-03	1.68E-03	1.70E-03	1.74E-03	1.74E-03	1.78E-03	1.80E-03	1.82E-03	7.72E-05	1.54E-04	2.09E-07	1.29E-05	1.50E-03
Pennsylvania	Lancaster	42071	U	Methylene Chloride	2.73E-01	2.83E-01	3.30E-01	5.28E-01	8.48E-01	1.29E+00	1.67E+00	1.96E+00	4.74E-02	6.51E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Lancaster	42071	U	Nickel Compounds	4.02E-04	5.82E-04	1.03E-03	1.55E-03	2.51E-03	3.83E-03	5.05E-03	5.29E-03	2.03E-04	2.27E-03	1.19E-05	2.43E-05	0.00E+00
Pennsylvania	Lancaster	42071	U	Perchloroethylene	1.69E-01	1.71E-01	1.77E-01	2.19E-01	2.49E-01	2.66E-01	3.76E-01	4.77E-01	2.73E-04	1.08E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Lancaster	42071	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Lancaster	42071	U	Polycyclic Organic Matter	2.29E-02	2.41E-02	2.94E-02	5.24E-02	7.17E-02	8.58E-02	1.59E-01	1.89E-01	6.71E-06	7.16E-02	1.10E-04	6.01E-05	0.00E+00
Pennsylvania	Lancaster	42071	U	7-PAH	1.31E-03	1.40E-03	1.64E-03	2.70E-03	3.60E-03	4.08E-03	7.85E-03	9.27E-03	1.30E-06	3.52E-03	4.93E-05	2.62E-05	0.00E+00
Pennsylvania	Lancaster	42071	U	Propylene Dichloride	1.05E-05	1.16E-05	1.46E-05	1.61E-05	1.68E-05	1.84E-05	2.20E-05	2.66E-05	7.22E-06	9.62E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lancaster	42071	U	Quinoline	9.05E-08	9.91E-08	1.13E-07	1.59E-07	3.15E-07	4.88E-07	6.50E-07	6.84E-07	0.00E+00	3.15E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lancaster	42071	U	1,1,2,2-Tetrachloroethane	6.49E-05	7.21E-05	8.53E-05	9.69E-05	1.08E-04	1.21E-04	1.52E-04	2.07E-04	6.62E-05	4.23E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lancaster	42071	U	Trichloroethylene	9.31E-02	9.54E-02	1.00E-01	1.13E-01	1.21E-01	1.34E-01	1.54E-01	1.82E-01	8.15E-03	3.20E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Lancaster	42071	U	Vinyl Chloride	2.24E-04	2.86E-04	3.31E-04	3.62E-04	1.76E-03	6.23E-04	6.34E-03	7.47E-03	1.53E-03	2.24E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lawrence	42073	R	Acetaldehyde	2.37E-01	2.61E-01	2.84E-01	2.90E-01	2.95E-01	3.17E-01	3.49E-01	3.55E-01	1.63E-05	3.08E-02	1.98E-01	6.63E-02	0.00E+00
Pennsylvania	Lawrence	42073	R	Acrolein	3.85E-02	3.93E-02	4.21E-02	4.53E-02	4.77E-02	5.36E-02	5.92E-02	6.04E-02	3.25E-05	1.44E-02	2.41E-02	9.26E-03	0.00E+00
Pennsylvania	Lawrence	42073	R	Acrylonitrile	1.78E-04	1.80E-04	2.00E-04	2.26E-04	2.37E-04	2.44E-04	3.33E-04	3.81E-04	1.29E-04	1.09E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lawrence	42073	R	Arsenic Compounds	2.48E-05	2.86E-05	3.66E-05	5.36E-05	2.21E-04	6.62E-05	7.79E-04	1.08E-03	1.40E-05	2.06E-04	6.75E-07	3.76E-07	0.00E+00
Pennsylvania	Lawrence	42073	R	Benzene	7.04E-01	7.16E-01	7.42E-01	8.48E-01	8.55E-01	9.47E-01	1.03E+00	1.08E+00	3.70E-03	8.04E-02	2.42E-01	4.90E-02	4.80E-01
Pennsylvania	Lawrence	42073	R	Beryllium Compounds	1.02E-05	1.27E-05	1.87E-05	2.54E-05	1.94E-04	3.58E-05	7.26E-04	1.05E-03	6.98E-07	1.94E-04	0.00E+00	2.64E-09	0.00E+00
Pennsylvania	Lawrence	42073	R	1,3-Butadiene	1.38E-02	1.38E-02	1.59E-02	2.49E-02	2.73E-02	3.84E-02	4.66E-02	4.69E-02	2.64E-06	3.28E-03	2.07E-02	3.34E-03	0.00E+00
Pennsylvania	Lawrence	42073	R	Cadmium Compounds	8.86E-04	1.16E-03	2.56E-03	8.30E-03	1.25E-02	1.32E-02	2.69E-02	3.97E-02	4.82E-05	1.24E-02	0.00E+00	3.67E-08	0.00E+00
Pennsylvania	Lawrence	42073	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	1.05E-05	1.14E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Lawrence	42073	R	Chloroform	8.37E-02	8.37E-02	8.38E-02	8.39E-02	8.39E-02	8.41E-02	8.42E-02	8.42E-02	1.37E-05	9.11E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Lawrence	42073	R	Chromium Compounds	1.15E-03	1.36E-03	2.07E-03	2.95E-03	3.96E-03	4.57E-03	7.96E-03	1.30E-02	1.25E-04	3.76E-03	4.30E-05	2.66E-05	0.00E+00
Pennsylvania	Lawrence	42073	R	Coke Oven Emissions	2.27E-04	2.53E-04	9.28E-04	1.12E-03	9.96E-04	1.16E-03	1.21E-03	1.26E-03	9.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lawrence	42073	R	1,3-Dichloropropene	1.46E-02	1.57E-02	1.91E-02	3.80E-02	4.15E-02	6.08E-02	7.76E-02	8.03E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lawrence	42073	R	Diesel Particulate Matter	1.07E+00	1.11E+00	1.16E+00	1.25E+00	1.29E+00	1.40E+00	1.46E+00	1.59E+00	0.00E+00	0.00E+00	5.34E-01	7.59E-01	***
Pennsylvania	Lawrence	42073	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	7.19E-08	1.93E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Lawrence	42073	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.83E-05	3.74E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Lawrence	42073	R	Ethylene Oxide	3.13E-04	3.77E-04	4.66E-04	9.60E-04	1.44E-03	1.92E-03	2.94E-03	5.13E-03	4.00E-06	1.44E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lawrence	42073	R	Formaldehyde	5.15E-01	5.22E-01	5.49E-01	5.83E-01	5.93E-01	6.34E-01	6.96E-01	7.08E-01	4.15E-05	6.48E-02	1.67E-01	1.11E-01	2.50E-01
Pennsylvania	Lawrence	42073	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	0.00E+00	3.78E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Lawrence	42073	R	Hydrazine	4.76E-09	4.88E-09	9.74E-09	2.20E-08	4.18E-08	4.70E-08	8.42E-08	1.89E-07	0.00E+00	4.18E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lawrence	42073	R	Lead Compounds	3.85E-03	3.94E-03	7.47E-03	1.46E-02	2.47E-02	3.22E-02	5.94E-02	8.13E-02	4.52E-04	2.40E-02	6.04E-05	1.57E-04	0.00E+00
Pennsylvania	Lawrence	42073	R	Manganese Compounds	1.57E-03	1.67E-03	2.66E-03	5.18E-03	6.79E-03	7.48E-03	1.29E-02	1.95E-02	4.06E-04	6.33E-03	1.77E-05	2.89E-05	0.00E+00
Pennsylvania	Lawrence	42073	R	Mercury Compounds	1.66E-03	1.68E-03	1.72E-03	1.76E-03	1.76E-03	1.79E-03	1.86E-03	1.88E-03	1.24E-04</				

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Pennsylvania																	
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
Pennsylvania	Lawrence	42073	R	Vinyl Chloride	3.02E-04	3.33E-04	3.55E-04	3.71E-04	4.01E-04	4.19E-04	5.29E-04	6.06E-04	1.76E-04	2.25E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Acetaldehyde	3.02E-01	3.04E-01	3.61E-01	3.95E-01	3.90E-01	4.28E-01	4.50E-01	4.62E-01	6.07E-05	3.00E-02	2.61E-01	9.83E-02	0.00E+00
Pennsylvania	Lebanon	42075	U	Acrolein	4.78E-02	4.95E-02	5.49E-02	6.16E-02	6.12E-02	6.72E-02	7.09E-02	7.31E-02	4.67E-06	1.49E-02	3.20E-02	1.43E-02	0.00E+00
Pennsylvania	Lebanon	42075	U	Acrylonitrile	4.09E-04	4.13E-04	4.27E-04	4.94E-04	4.96E-04	5.47E-04	6.11E-04	6.21E-04	1.37E-04	3.59E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Arsenic Compounds	1.33E-05	1.40E-05	1.82E-05	2.70E-05	2.80E-05	3.68E-05	4.72E-05	4.91E-05	7.88E-06	1.98E-05	2.94E-07	4.57E-09	0.00E+00
Pennsylvania	Lebanon	42075	U	Benzene	7.73E-01	7.76E-01	8.11E-01	8.89E-01	9.57E-01	1.09E+00	1.22E+00	1.26E+00	4.26E-04	4.05E-02	3.32E-01	1.04E-01	4.80E-01
Pennsylvania	Lebanon	42075	U	Beryllium Compounds	4.18E-06	4.43E-06	7.84E-06	1.01E-05	1.10E-05	1.51E-05	1.72E-05	1.77E-05	3.68E-07	1.06E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	1,3-Butadiene	1.56E-02	1.76E-02	1.86E-02	3.04E-02	3.94E-02	5.74E-02	7.96E-02	8.12E-02	0.00E+00	2.09E-03	2.85E-02	8.85E-03	0.00E+00
Pennsylvania	Lebanon	42075	U	Cadmium Compounds	1.44E-05	1.45E-05	1.82E-05	2.05E-05	2.19E-05	2.64E-05	2.96E-05	2.97E-05	2.87E-06	1.90E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.50E-07	1.79E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Lebanon	42075	U	Chloroform	8.40E-02	8.40E-02	8.41E-02	8.42E-02	8.43E-02	8.45E-02	8.46E-02	8.46E-02	1.46E-06	1.29E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Lebanon	42075	U	Chromium Compounds	3.58E-04	4.45E-04	1.27E-03	1.62E-03	1.56E-03	1.80E-03	2.20E-03	2.25E-03	4.84E-04	1.02E-03	1.86E-05	3.74E-05	0.00E+00
Pennsylvania	Lebanon	42075	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	1,3-Dichloropropene	1.58E-02	1.70E-02	2.42E-02	3.93E-02	5.29E-02	8.20E-02	1.16E-01	1.20E-01	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Diesel Particulate Matter	1.60E+00	1.61E+00	1.75E+00	1.86E+00	1.91E+00	2.10E+00	2.29E+00	2.35E+00	0.00E+00	0.00E+00	8.23E-01	1.09E+00	***
Pennsylvania	Lebanon	42075	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.65E-08	3.72E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Lebanon	42075	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.73E-05	4.87E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Lebanon	42075	U	Ethylene Oxide	5.67E-04	6.24E-04	8.69E-04	1.95E-03	2.13E-03	3.00E-03	4.51E-03	4.67E-03	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Formaldehyde	6.08E-01	6.20E-01	6.64E-01	7.15E-01	7.18E-01	7.76E-01	8.20E-01	8.33E-01	3.08E-03	5.90E-02	2.37E-01	1.69E-01	2.50E-01
Pennsylvania	Lebanon	42075	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.39E-07	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Lebanon	42075	U	Hydrazine	5.67E-09	6.98E-09	1.57E-08	5.20E-08	5.91E-08	6.46E-08	1.24E-07	1.26E-07	0.00E+00	5.91E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Lead Compounds	1.35E-03	1.38E-03	1.82E-03	2.07E-03	2.02E-03	2.22E-03	2.41E-03	2.77E-03	4.11E-05	1.79E-03	2.58E-05	1.63E-04	0.00E+00
Pennsylvania	Lebanon	42075	U	Manganese Compounds	4.22E-04	5.69E-04	8.35E-04	1.16E-03	1.23E-03	1.60E-03	2.17E-03	2.20E-03	1.79E-04	1.00E-03	7.49E-06	4.28E-05	0.00E+00
Pennsylvania	Lebanon	42075	U	Mercury Compounds	1.64E-03	1.64E-03	1.66E-03	1.70E-03	1.70E-03	1.73E-03	1.75E-03	1.75E-03	4.95E-05	1.37E-04	2.51E-07	1.05E-05	1.50E-03
Pennsylvania	Lebanon	42075	U	Methylene Chloride	2.19E-01	2.20E-01	2.47E-01	2.78E-01	2.85E-01	3.17E-01	3.57E-01	3.69E-01	1.48E-02	1.20E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Lebanon	42075	U	Nickel Compounds	2.10E-04	2.37E-04	1.10E-03	1.53E-03	1.35E-03	1.78E-03	1.91E-03	2.24E-03	4.43E-04	8.78E-04	1.44E-05	1.87E-05	0.00E+00
Pennsylvania	Lebanon	42075	U	Perchloroethylene	1.60E-01	1.61E-01	1.65E-01	1.76E-01	1.87E-01	2.05E-01	2.29E-01	2.31E-01	9.40E-04	4.56E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Lebanon	42075	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Lebanon	42075	U	Polycyclic Organic Matter	1.57E-02	1.61E-02	2.16E-02	3.21E-02	4.16E-02	6.13E-02	8.54E-02	8.58E-02	3.55E-07	4.14E-02	1.33E-04	3.51E-05	0.00E+00
Pennsylvania	Lebanon	42075	U	7-PAH	1.04E-03	1.23E-03	1.31E-03	1.90E-03	2.36E-03	3.34E-03	4.62E-03	4.65E-03	5.93E-07	2.29E-03	5.91E-05	1.62E-05	0.00E+00
Pennsylvania	Lebanon	42075	U	Propylene Dichloride	2.43E-05	2.48E-05	2.60E-05	3.02E-05	3.04E-05	3.34E-05	3.85E-05	3.89E-05	8.28E-06	2.21E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Quinoline	7.54E-08	7.62E-08	1.33E-07	2.21E-07	2.45E-07	2.75E-07	4.36E-07	4.54E-07	0.00E+00	2.45E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	1,1,2,2-Tetrachloroethane	2.00E-04	2.00E-04	2.10E-04	2.42E-04	2.42E-04	2.67E-04	2.95E-04	3.16E-04	7.58E-05	1.66E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lebanon	42075	U	Trichloroethylene	9.09E-02	9.11E-02	9.99E-02	1.06E-01	1.05E-01	1.10E-01	1.16E-01	1.17E-01	1.08E-02	1.32E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Lebanon	42075	U	Vinyl Chloride	6.20E-04	6.44E-04	7.28E-04	8.03E-04	8.81E-04	9.76E-04	1.17E-03	1.26E-03	1.87E-04	6.95E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lehigh	42077	U	Acetaldehyde	4.81E-01	6.11E-01	7.46E-01	8.17E-01	7.93E-01	8.65E-01	9.21E-01	9.98E-01	6.27E-04	3.73E-02	5.46E-01	2.09E-01	0.00E+00
Pennsylvania	Lehigh	42077	U	Acrolein	7.52E-02	8.68E-02	9.49E-02	1.06E-01	1.07E-01	1.16E-01	1.35E-01	1.39E-01	5.60E-05	2.09E-02	5.40E-02	3.23E-02	0.00E+00
Pennsylvania	Lehigh	42077	U	Acrylonitrile	6.97E-04	7.91E-04	8.42E-04	9.31E-04	9.41E-04	1.04E-03	1.16E-03	1.23E-03	7.18E-04	2.23E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lehigh	42077	U	Arsenic Compounds	1.73E-05	3.29E-05	5.12E-05	6.94E-05	7.99E-05	1.02E-04	1.48E-04	1.91E-04	1.25E-05	6.69E-05	4.82E-07	9.59E-09	0.00E+00
Pennsylvania	Lehigh	42077	U	Benzene	9.95E-01	1.09E+00	1.20E+00	1.38E+00	1.46E+00	1.59E+00	2.07E+00	2.28E+00	4.66E-03	5.60E-02	6.00E-01	3.21E-01	4.80E-01
Pennsylvania	Lehigh	42077	U	Beryllium Compounds	9.86E-06	1.46E-05	1.69E-05	2.26E-05	2.57E-05	3.29E-05	4.23E-05	5.71E-05	6.18E-07	2.51E-05	0.00E+00	1.57E-12	0.00E+00
Pennsylvania	Lehigh	42077	U	1,3-Butadiene	2.87E-02	3.63E-02	4.80E-02	7.16E-02	8.48E-02	9.66E-02	1.69E-01	1.91E-01	4.92E-06	2.38E-03	5.10E-02	3.14E-02	0.00E+00
Pennsylvania	Lehigh	42077	U	Cadmium Compounds	3.24E-05	4.30E-05	6.28E-05	7.18E-05	7.33E-05	8.36E-05	1.02E-04	1.17E-04	1.01E-05	6.32E-05	0.00E+00	2.17E-11	0.00E+00
Pennsylvania	Lehigh	42077	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	1.32E-06	3.67E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Lehigh	42077	U	Chloroform	8.52E-02	8.56E-02	1.05E-01	1.15E-01	1.11								

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Lehigh	42077	U	Lead Compounds	1.38E-03	2.44E-03	3.59E-03	3.94E-03	5.11E-03	4.90E-03	6.13E-03	7.36E-03	2.00E-04	3.99E-03	4.36E-05	8.77E-04	0.00E+00
Pennsylvania	Lehigh	42077	U	Manganese Compounds	1.02E-03	1.23E-03	1.59E-03	2.01E-03	2.34E-03	2.76E-03	4.03E-03	4.41E-03	1.10E-04	2.13E-03	1.27E-05	8.18E-05	0.00E+00
Pennsylvania	Lehigh	42077	U	Mercury Compounds	1.77E-03	1.84E-03	1.88E-03	1.91E-03	1.93E-03	1.96E-03	2.08E-03	2.20E-03	4.68E-05	3.63E-04	4.18E-07	2.00E-05	1.50E-03
Pennsylvania	Lehigh	42077	U	Methylene Chloride	3.09E-01	3.73E-01	4.68E-01	5.87E-01	6.36E-01	7.14E-01	1.07E+00	1.14E+00	1.27E-01	3.59E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Lehigh	42077	U	Nickel Compounds	7.86E-04	1.20E-03	1.89E-03	2.70E-03	3.13E-03	3.43E-03	6.57E-03	7.48E-03	5.03E-04	2.57E-03	2.42E-05	3.59E-05	0.00E+00
Pennsylvania	Lehigh	42077	U	Perchloroethylene	1.68E-01	1.90E-01	2.14E-01	2.60E-01	2.93E-01	3.49E-01	4.33E-01	5.40E-01	1.50E-03	1.52E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Lehigh	42077	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Lehigh	42077	U	Polycyclic Organic Matter	2.54E-02	3.68E-02	5.28E-02	7.92E-02	9.58E-02	1.16E-01	1.87E-01	2.13E-01	8.22E-07	9.55E-02	2.26E-04	1.07E-04	0.00E+00
Pennsylvania	Lehigh	42077	U	7-PAH	1.57E-03	2.16E-03	2.96E-03	4.19E-03	5.01E-03	5.65E-03	9.89E-03	1.07E-02	5.69E-07	4.86E-03	1.00E-04	4.89E-05	0.00E+00
Pennsylvania	Lehigh	42077	U	Propylene Dichloride	4.16E-05	4.74E-05	5.13E-05	5.70E-05	5.73E-05	6.35E-05	7.07E-05	7.47E-05	4.35E-05	1.39E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lehigh	42077	U	Quinoline	9.45E-08	1.40E-07	2.09E-07	2.53E-07	3.29E-07	3.51E-07	7.17E-07	7.57E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lehigh	42077	U	1,1,2,2-Tetrachloroethane	3.35E-04	3.81E-04	4.07E-04	4.61E-04	4.65E-04	5.25E-04	5.95E-04	6.22E-04	3.98E-04	6.62E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lehigh	42077	U	Trichloroethylene	9.48E-02	1.06E-01	1.51E-01	1.68E-01	1.72E-01	1.87E-01	2.42E-01	2.60E-01	4.01E-02	5.07E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Lehigh	42077	U	Vinyl Chloride	1.29E-03	7.01E-03	7.45E-03	7.82E-03	7.81E-03	8.53E-03	1.04E-02	1.14E-02	7.53E-03	2.79E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Acetaldehyde	2.75E-01	2.91E-01	3.49E-01	4.20E-01	4.12E-01	4.61E-01	5.32E-01	5.43E-01	1.21E-06	3.19E-02	2.72E-01	1.08E-01	0.00E+00
Pennsylvania	Luzerne	42079	U	Acrolein	5.69E-02	5.91E-02	6.97E-02	8.11E-02	8.07E-02	9.00E-02	1.02E-01	1.06E-01	8.37E-05	2.87E-02	3.24E-02	1.95E-02	0.00E+00
Pennsylvania	Luzerne	42079	U	Acrylonitrile	8.69E-05	1.03E-04	2.13E-04	4.35E-04	4.46E-04	5.73E-04	9.34E-04	9.80E-04	3.73E-04	7.28E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Arsenic Compounds	7.87E-06	1.03E-05	1.64E-05	3.46E-05	3.55E-05	5.07E-05	5.96E-05	6.66E-05	9.35E-07	3.43E-05	2.37E-07	7.63E-09	0.00E+00
Pennsylvania	Luzerne	42079	U	Benzene	8.07E-01	8.48E-01	9.50E-01	1.14E+00	1.20E+00	1.38E+00	1.62E+00	1.72E+00	8.80E-03	7.07E-02	4.28E-01	2.08E-01	4.80E-01
Pennsylvania	Luzerne	42079	U	Beryllium Compounds	2.02E-06	2.32E-06	4.20E-06	8.72E-06	9.95E-06	1.43E-05	1.85E-05	2.23E-05	4.98E-08	9.90E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	1,3-Butadiene	2.12E-02	2.33E-02	3.59E-02	6.32E-02	7.02E-02	9.37E-02	1.30E-01	1.48E-01	1.14E-05	5.21E-03	4.47E-02	2.03E-02	0.00E+00
Pennsylvania	Luzerne	42079	U	Cadmium Compounds	6.12E-05	1.08E-04	1.79E-04	3.43E-04	4.40E-04	5.85E-04	8.50E-04	1.10E-03	1.59E-07	4.40E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.84E-07	1.85E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Luzerne	42079	U	Chloroform	8.40E-02	8.41E-02	8.43E-02	8.45E-02	8.48E-02	8.48E-02	8.54E-02	8.65E-02	2.86E-04	1.48E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Luzerne	42079	U	Chromium Compounds	1.15E-04	1.58E-04	2.32E-04	3.50E-04	4.81E-04	6.19E-04	9.02E-04	1.15E-03	5.95E-06	4.21E-04	1.51E-05	3.83E-05	0.00E+00
Pennsylvania	Luzerne	42079	U	Coke Oven Emissions	0.00E+00	3.75E-04	4.47E-04	6.89E-04	2.55E-03	3.47E-03	7.42E-03	8.32E-03	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	1,3-Dichloropropene	1.51E-02	1.85E-02	3.24E-02	7.30E-02	8.46E-02	1.23E-01	1.69E-01	1.91E-01	0.00E+00	8.46E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Diesel Particulate Matter	1.37E+00	1.43E+00	1.51E+00	1.69E+00	1.75E+00	1.94E+00	2.15E+00	2.36E+00	0.00E+00	0.00E+00	7.56E-01	9.95E-01	***
Pennsylvania	Luzerne	42079	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.09E-07	2.64E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Luzerne	42079	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.16E-02	6.11E-02	6.12E-02	6.55E-02	6.19E-04	2.20E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Luzerne	42079	U	Ethylene Oxide	3.89E-04	5.03E-04	8.16E-04	1.81E-03	2.14E-03	2.99E-03	4.61E-03	5.10E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Formaldehyde	6.22E-01	6.55E-01	7.06E-01	7.88E-01	8.01E-01	8.71E-01	9.83E-01	1.02E+00	1.84E-02	1.03E-01	2.47E-01	1.82E-01	2.50E-01
Pennsylvania	Luzerne	42079	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.18E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Luzerne	42079	U	Hydrazine	4.71E-09	6.96E-09	2.23E-08	5.17E-08	9.93E-08	1.42E-07	2.23E-07	3.23E-07	0.00E+00	9.93E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Lead Compounds	6.02E-04	7.76E-04	9.77E-04	1.48E-03	2.08E-03	2.00E-03	4.46E-03	6.55E-03	1.33E-06	1.34E-03	2.11E-05	7.08E-04	0.00E+00
Pennsylvania	Luzerne	42079	U	Manganese Compounds	3.17E-04	3.55E-04	5.17E-04	1.02E-03	1.13E-03	1.58E-03	2.19E-03	2.38E-03	2.27E-06	1.08E-03	6.15E-06	4.55E-05	0.00E+00
Pennsylvania	Luzerne	42079	U	Mercury Compounds	1.65E-03	1.67E-03	1.70E-03	1.77E-03	1.82E-03	1.85E-03	1.96E-03	2.22E-03	6.15E-07	3.09E-04	2.04E-07	1.05E-05	1.50E-03
Pennsylvania	Luzerne	42079	U	Methylene Chloride	2.65E-01	3.11E-01	4.06E-01	5.51E-01	6.63E-01	7.32E-01	1.23E+00	1.53E+00	2.42E-01	2.72E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Luzerne	42079	U	Nickel Compounds	2.32E-04	2.92E-04	4.94E-04	1.02E-03	1.37E-03	1.82E-03	2.81E-03	3.51E-03	1.74E-06	1.33E-03	1.17E-05	2.06E-05	0.00E+00
Pennsylvania	Luzerne	42079	U	Perchloroethylene	1.54E-01	1.55E-01	1.70E-01	2.06E-01	2.13E-01	2.43E-01	2.75E-01	2.95E-01	9.14E-04	7.19E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Luzerne	42079	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Luzerne	42079	U	Polycyclic Organic Matter	1.64E-02	1.90E-02	2.86E-02	5.82E-02	6.48E-02	9.10E-02	1.21E-01	1.36E-01	3.31E-05	6.45E-02	1.07E-04	8.04E-05	0.00E+00
Pennsylvania	Luzerne	42079	U	7-PAH	1.24E-03	1.49E-03	2.01E-03	3.44E-03	3.72E-03	4.96E-03	6.61E-03	7.36E-03	1.00E-09	3.64E-03	4.76E-05	3.67E-05	0.00E+00
Pennsylvania	Luzerne	42079	U	Propylene Dichloride	5.28E-06	6.03E-06	1.22E-05	2.72E-05	2.75E-05	3.53E-05	5.65E-05	6.00E-05	2.26E-05	4.94E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Quinoline	6.03E-08	6.49E-08	1.27E-07	2.16E-07	3.22E-07	4.36E-07	6.49E-07	8.67E-07	0.00E+00	3.22E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	1,1,2,2-Tetrachloroethane	1.51E-05	2.17E-05	9.00E-05	1.97E-04	2.10E-04	2.77E-04	4.52E-04	4.97E-04	2.07E-04	3.10E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Luzerne	42079	U	Trichloroethylene	8.59E-02	8.72E-02	9.37E-02	1.05E-01	1.08E-01	1.18E-01	1.31E-01	1.45E-01	2.09E-03	2.48E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Luzerne	42079	U	Vinyl Chloride	9.48E-05	3.13E-04	5.18E-04	6.82E-04	7.54E-04	9.72E-04	1.29E-03	1.46E-03	5.10E-04	2.44E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Acetaldehyde	8.20E-02	9.70E-02	1.85E-01	2.30E-01	2.34E-01	3.06E-01	3.34E-01	3.38E-01	2.02E-05	3.68E-02	1.48E-01	4.85E-02	0.00E+00
Pennsylvania	Lycoming	42081	R	Acrolein	3.51E-02	3.73E-02	4.76E-02	6.62E-02	6.22E-02	7.73E-02	8.30E-02	8.32E-02	1.03E-05	3.76E-02	1.84E-02	6.24E-03	0.00E+00
Pennsylvania	Lycoming	42081	R	Acrylonitrile	1.61E-04	1.85E-04	3.52E-04	4.22E-04	4.11E-04	4.97E-04	5.78E-04	5.83E-04	2.67E-04	1.45E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Arsenic Compounds	3.97E-06	6.75E-06	1.59E-05	4.02E-05	4.09E-05	5.16E-05	7.99E-05	8.46E-05	1.38E-05	2.69E-05	1.55E-07	3.61E-09	0.00E+00
Pennsylvania	Lycoming	42081	R	Benzene	6.06E-01	6.12E-01	6.88E-01	8.33E-01	8.76E-01	1.03E+00	1.19E+00	1.29E+00	7.41E-04	1.13E-01	2.54E-01	2.76E-02	4.80E-01
Pennsylvania	Lycoming	42081	R	Beryllium Compounds	3.84E-07	6.94E-07	2.29E-06	5.21E-06	7.50E-06	9.92E-06	1.75E-05	1.91E-05	7.32E-07	6.77E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	1,3-Butadiene	1.23E-02	1.25E-02	1.65E-02	3.91E-02	3.79E-02	5.40E-02	6.53E-02	7.05E-02	0.00E+00	8.80E-03	2.71E-02	2.04E-03	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Lycoming	42081	R	Cadmium Compounds	4.03E-06	4.70E-06	1.02E-05	3.15E-05	3.38E-05	5.33E-05	6.49E-05	6.77E-05	1.82E-06	3.20E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.89E-07	6.42E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Lycoming	42081	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.38E-02	8.38E-02	8.41E-02	8.43E-02	8.43E-02	2.23E-04	5.85E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Lycoming	42081	R	Chromium Compounds	4.78E-05	6.42E-05	3.68E-04	8.62E-04	1.74E-03	2.11E-03	5.39E-03	5.52E-03	4.16E-04	1.29E-03	9.78E-06	2.08E-05	0.00E+00
Pennsylvania	Lycoming	42081	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
Pennsylvania	Lycoming	42081	R	1,3-Dichloropropene	2.60E-03	4.84E-03	1.32E-02	3.15E-02	5.32E-02	7.97E-02	1.14E-01	1.40E-01	0.00E+00	5.32E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Diesel Particulate Matter	8.02E-01	8.76E-01	9.95E-01	1.20E+00	1.27E+00	1.51E+00	1.84E+00	2.00E+00	0.00E+00	0.00E+00	5.13E-01	7.60E-01	***
Pennsylvania	Lycoming	42081	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	1.49E-07	4.13E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Lycoming	42081	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.17E-02	6.15E-02	6.18E-02	6.19E-02	6.19E-02	4.82E-04	3.74E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Lycoming	42081	R	Ethylene Oxide	4.66E-05	6.29E-05	2.77E-04	1.04E-03	1.98E-03	3.16E-03	5.66E-03	6.80E-03	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Formaldehyde	4.31E-01	4.79E-01	5.22E-01	6.63E-01	6.58E-01	8.05E-01	8.18E-01	8.61E-01	2.88E-03	1.80E-01	1.43E-01	8.20E-02	2.50E-01
Pennsylvania	Lycoming	42081	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	5.01E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Lycoming	42081	R	Hydrazine	4.08E-10	4.50E-10	8.38E-09	4.45E-08	1.71E-07	2.07E-07	6.68E-07	7.40E-07	0.00E+00	1.71E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Lead Compounds	5.96E-05	6.02E-05	1.11E-04	1.75E-04	2.08E-04	2.88E-04	4.15E-04	4.60E-04	1.49E-05	1.77E-04	1.37E-05	2.50E-06	0.00E+00
Pennsylvania	Lycoming	42081	R	Manganese Compounds	1.10E-04	1.41E-04	4.45E-04	9.55E-04	9.74E-04	1.27E-03	1.84E-03	2.79E-03	2.31E-04	7.17E-04	3.99E-06	2.24E-05	0.00E+00
Pennsylvania	Lycoming	42081	R	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	1.59E-03	1.60E-03	1.60E-03	4.26E-06	5.83E-05	1.35E-07	5.94E-06	1.50E-03
Pennsylvania	Lycoming	42081	R	Methylene Chloride	1.56E-01	1.57E-01	1.80E-01	2.18E-01	3.22E-01	3.77E-01	6.47E-01	6.48E-01	3.93E-03	1.68E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Lycoming	42081	R	Nickel Compounds	3.84E-05	4.29E-05	2.95E-04	9.87E-04	1.91E-03	2.42E-03	6.03E-03	6.80E-03	2.07E-04	1.68E-03	7.55E-06	9.60E-06	0.00E+00
Pennsylvania	Lycoming	42081	R	Perchloroethylene	1.43E-01	1.43E-01	1.51E-01	1.63E-01	1.91E-01	2.13E-01	2.64E-01	2.67E-01	4.85E-04	5.09E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Lycoming	42081	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
Pennsylvania	Lycoming	42081	R	Polycyclic Organic Matter	7.53E-03	7.64E-03	2.22E-02	5.54E-02	5.95E-02	8.27E-02	1.20E-01	1.24E-01	4.65E-03	5.47E-02	6.93E-05	8.65E-06	0.00E+00
Pennsylvania	Lycoming	42081	R	7-PAH	7.99E-04	8.54E-04	1.16E-03	2.45E-03	2.70E-03	3.64E-03	4.77E-03	5.54E-03	1.51E-08	2.67E-03	3.08E-05	3.87E-06	0.00E+00
Pennsylvania	Lycoming	42081	R	Propylene Dichloride	1.00E-05	1.10E-05	1.76E-05	2.08E-05	2.25E-05	2.74E-05	3.76E-05	3.83E-05	1.61E-05	6.39E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Quinoline	4.71E-09	4.89E-09	4.08E-08	1.66E-07	4.97E-07	6.46E-07	1.74E-06	1.99E-06	0.00E+00	4.97E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	1,1,2,2-Tetrachloroethane	8.11E-05	9.19E-05	1.43E-04	1.54E-04	1.61E-04	1.86E-04	2.36E-04	2.38E-04	1.48E-04	1.33E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Lycoming	42081	R	Trichloroethylene	8.21E-02	8.28E-02	9.49E-02	1.26E-01	2.39E-01	2.92E-01	5.77E-01	6.88E-01	8.25E-02	7.58E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Lycoming	42081	R	Vinyl Chloride	2.01E-04	2.28E-04	3.62E-04	3.98E-04	4.11E-04	4.60E-04	6.00E-04	6.04E-04	3.64E-04	4.72E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	Acetaldehyde	4.22E-02	4.26E-02	5.32E-02	5.97E-02	7.52E-02	9.44E-02	1.26E-01	1.44E-01	1.57E-04	2.77E-02	3.65E-02	1.08E-02	0.00E+00
Pennsylvania	Mc Kean	42083	R	Acrolein	1.99E-02	2.28E-02	2.58E-02	3.16E-02	3.94E-02	4.99E-02	6.70E-02	8.09E-02	3.42E-05	3.24E-02	5.29E-03	1.60E-03	0.00E+00
Pennsylvania	Mc Kean	42083	R	Acrylonitrile	8.31E-05	8.34E-05	9.51E-05	1.48E-04	1.54E-04	1.99E-04	2.15E-04	2.53E-04	1.84E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	Arsenic Compounds	1.61E-05	1.95E-05	2.20E-05	2.89E-05	5.76E-05	7.37E-05	1.29E-04	2.22E-04	4.98E-05	7.58E-06	2.43E-07	7.27E-10	0.00E+00
Pennsylvania	Mc Kean	42083	R	Benzene	5.52E-01	5.54E-01	5.60E-01	6.02E-01	6.53E-01	7.11E-01	8.52E-01	9.45E-01	1.09E-02	8.45E-02	6.87E-02	9.05E-03	4.80E-01
Pennsylvania	Mc Kean	42083	R	Beryllium Compounds	1.22E-06	1.38E-06	1.70E-06	1.94E-06	4.53E-06	6.24E-06	1.08E-05	1.56E-05	2.69E-06	1.84E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	1,3-Butadiene	6.49E-03	6.56E-03	6.81E-03	1.55E-02	2.23E-02	3.21E-02	5.09E-02	7.00E-02	6.33E-10	1.36E-02	7.93E-03	7.71E-04	0.00E+00
Pennsylvania	Mc Kean	42083	R	Cadmium Compounds	3.88E-06	5.35E-06	7.57E-06	1.23E-05	1.51E-05	1.97E-05	2.59E-05	4.08E-05	1.07E-05	4.37E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	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	3.36E-08	2.92E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Mc Kean	42083	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.35E-02	8.36E-02	1.96E-07	2.30E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Mc Kean	42083	R	Chromium Compounds	5.39E-05	5.58E-05	7.84E-05	1.43E-04	1.70E-04	2.28E-04	3.12E-04	4.39E-04	5.82E-05	9.15E-05	1.56E-05	4.61E-06	0.00E+00
Pennsylvania	Mc Kean	42083	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
Pennsylvania	Mc Kean	42083	R	1,3-Dichloropropene	1.98E-03	2.97E-03	3.45E-03	5.25E-03	1.70E-02	2.50E-02	4.44E-02	7.49E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	Diesel Particulate Matter	4.96E-01	4.96E-01	4.98E-01	5.65E-01	5.97E-01	6.51E-01	7.95E-01	8.50E-01	0.00E+00	0.00E+00	2.54E-01	3.43E-01	***
Pennsylvania	Mc Kean	42083	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	1.03E-08	3.21E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Mc Kean	42083	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	7.19E-06	2.50E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Mc Kean	42083	R	Ethylene Oxide	4.23E-05	5.08E-05	5.32E-05	1.34E-04	2.71E-04	3.42E-04	7.83E-04	1.09E-03	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	Formaldehyde	3.54E-01	3.63E-01	3.92E-01	4.51E-01	5.44E-01	6.38E-01	9.22E-01	1.04E+00	2.25E-04	2.36E-01	3.94E-02	1.85E-02	2.50E-01
Pennsylvania	Mc Kean	42083	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	1.22E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Mc Kean	42083	R	Hydrazine	2.70E-09	5.38E-09	7.93E-09	4.10E-08	1.09E-07	1.49E-07	2.74E-07	5.60E-07	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	Lead Compounds	9.19E-05	1.57E-04	1.90E-04	2.58E-04	2.73E-04	3.61E-04	4.62E-04	4.66E-04	1.17E-04	8.17E-05	2.21E-05	5.24E-05	0.00E+00
Pennsylvania	Mc Kean	42083	R	Manganese Compounds	1.67E-04	1.76E-04	2.33E-04	4.45E-04	5.10E-04	6.89E-04	9.70E-04	1.18E-03	9.19E-05	4.06E-04	6.45E-06	5.28E-06	0.00E+00
Pennsylvania	Mc Kean	42083	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.58E-03	1.22E-05	1.94E-05	2.13E-07	1.28E-06	1.50E-03
Pennsylvania	Mc Kean	42083	R	Methylene Chloride	1.55E-01	1.56E-01	1.57E-01	1.64E-01	1.81E-01	1.90E-01	2.51E-01	2.59E-01	1.28E-04	3.10E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Mc Kean	42083	R	Nickel Compounds	6.62E-05	1.23E-04	1.66E-04	2.44E-04	2.90E-04	3.69E-04	4.82E-04	7.13E-04	1.51E-04	1.24E-04	1.21E-05	2.34E-06	0.00E+00
Pennsylvania	Mc Kean	42083	R	Perchloroethylene	1.42E-01	1.46E-01	1.47E-01	1.51E-01	1.59E-01	1.67E-01	1.84E-01	1.97E-01	7.47E-03	1.13E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Mc Kean	42083	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
Pennsylvania	Mc Kean	42083	R	Polycyclic Organic Matter	4.32E-03	4.81E-03	5.65E-03	8.31E-03	1.85E-02	2.65E-02	4.56E-02	6.87E-02	1.26E-03	1.71E-02	1.08E-04	3.54E-06	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Mc Kean	42083	R	7-PAH	5.13E-04	5.31E-04	6.39E-04	9.14E-04	1.49E-03	2.06E-03	3.13E-03	4.65E-03	4.58E-08	1.44E-03	4.78E-05	1.41E-06	0.00E+00
Pennsylvania	Mc Kean	42083	R	Propylene Dichloride	5.07E-06	5.18E-06	5.96E-06	9.91E-06	1.11E-05	1.41E-05	1.76E-05	2.45E-05	1.11E-06	1.00E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	Quinoline	2.67E-08	3.34E-08	4.17E-08	1.47E-07	3.20E-07	4.42E-07	7.66E-07	1.49E-06	0.00E+00	3.20E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	1,1,2,2-Tetrachloroethane	4.13E-05	4.19E-05	4.86E-05	7.35E-05	7.35E-05	9.68E-05	1.00E-04	1.01E-04	1.02E-05	6.34E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mc Kean	42083	R	Trichloroethylene	9.70E-02	9.72E-02	9.82E-02	1.19E-01	1.37E-01	1.49E-01	1.96E-01	2.88E-01	9.65E-03	4.59E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Mc Kean	42083	R	Vinyl Chloride	1.08E-04	1.11E-04	1.27E-04	2.08E-04	2.31E-04	2.95E-04	3.57E-04	4.82E-04	2.51E-05	2.06E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	Acetaldehyde	1.48E-01	1.95E-01	2.30E-01	2.96E-01	2.96E-01	3.62E-01	3.73E-01	3.98E-01	1.23E-05	3.29E-02	2.03E-01	5.99E-02	0.00E+00
Pennsylvania	Mercer	42085	R	Acrolein	2.80E-02	3.17E-02	3.82E-02	4.79E-02	4.55E-02	5.32E-02	5.56E-02	5.68E-02	5.49E-05	1.43E-02	2.30E-02	8.16E-03	0.00E+00
Pennsylvania	Mercer	42085	R	Acrylonitrile	3.79E-05	1.71E-04	2.03E-04	3.49E-04	3.28E-04	4.62E-04	4.97E-04	5.09E-04	2.19E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	Arsenic Compounds	1.23E-05	1.51E-05	2.30E-05	3.41E-05	3.51E-05	4.50E-05	5.44E-05	6.59E-05	9.30E-06	2.54E-05	1.73E-07	2.26E-07	0.00E+00
Pennsylvania	Mercer	42085	R	Benzene	6.34E-01	6.70E-01	7.32E-01	8.48E-01	8.34E-01	9.26E-01	9.68E-01	1.06E+00	6.10E-03	3.88E-02	2.67E-01	4.17E-02	4.80E-01
Pennsylvania	Mercer	42085	R	Beryllium Compounds	1.30E-06	2.36E-06	7.28E-06	1.11E-05	1.06E-05	1.45E-05	1.63E-05	2.13E-05	4.81E-07	1.01E-05	0.00E+00	1.55E-09	0.00E+00
Pennsylvania	Mercer	42085	R	1,3-Butadiene	1.08E-02	1.13E-02	1.42E-02	2.70E-02	2.89E-02	3.93E-02	4.50E-02	5.07E-02	1.36E-05	3.02E-03	2.31E-02	2.78E-03	0.00E+00
Pennsylvania	Mercer	42085	R	Cadmium Compounds	1.21E-04	2.05E-04	3.30E-04	4.44E-04	4.24E-04	5.20E-04	5.53E-04	6.62E-04	1.01E-05	4.14E-04	0.00E+00	2.15E-08	0.00E+00
Pennsylvania	Mercer	42085	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	3.11E-06	1.12E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Mercer	42085	R	Chloroform	8.35E-02	8.36E-02	8.37E-02	8.40E-02	8.40E-02	8.42E-02	8.43E-02	8.45E-02	5.58E-06	9.60E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Mercer	42085	R	Chromium Compounds	3.68E-04	6.62E-04	9.44E-04	2.36E-03	2.94E-03	4.14E-03	5.38E-03	8.64E-03	3.58E-05	2.87E-03	1.15E-05	2.42E-05	0.00E+00
Pennsylvania	Mercer	42085	R	Coke Oven Emissions	0.00E+00	0.00E+00	1.35E-03	2.08E-03	1.70E-03	2.52E-03	2.64E-03	2.75E-03	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	1,3-Dichloropropene	7.68E-03	1.24E-02	1.82E-02	4.28E-02	4.69E-02	7.16E-02	9.09E-02	1.07E-01	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	Diesel Particulate Matter	9.41E-01	1.00E+00	1.09E+00	1.27E+00	1.27E+00	1.39E+00	1.56E+00	1.74E+00	0.00E+00	0.00E+00	4.94E-01	7.76E-01	***
Pennsylvania	Mercer	42085	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	1.22E-07	1.28E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Mercer	42085	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	3.04E-05	1.52E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Mercer	42085	R	Ethylene Oxide	1.73E-04	2.87E-04	4.10E-04	1.31E-03	1.58E-03	1.85E-03	3.08E-03	6.69E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	Formaldehyde	4.36E-01	4.67E-01	5.37E-01	6.67E-01	6.47E-01	7.27E-01	7.79E-01	9.70E-01	7.77E-05	1.29E-01	1.70E-01	9.77E-02	2.50E-01
Pennsylvania	Mercer	42085	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.07E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Mercer	42085	R	Hydrazine	1.48E-09	2.11E-09	4.08E-09	1.91E-08	2.89E-08	4.33E-08	5.73E-08	1.01E-07	0.00E+00	2.89E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	Lead Compounds	5.79E-04	1.17E-03	1.81E-03	3.55E-03	3.98E-03	5.20E-03	6.79E-03	1.04E-02	9.28E-05	3.86E-03	1.59E-05	1.92E-05	0.00E+00
Pennsylvania	Mercer	42085	R	Manganese Compounds	6.40E-04	1.13E-03	2.03E-03	4.51E-03	4.69E-03	6.88E-03	9.60E-03	1.05E-02	1.53E-03	3.13E-03	4.53E-06	2.61E-05	0.00E+00
Pennsylvania	Mercer	42085	R	Mercury Compounds	1.57E-03	1.60E-03	1.64E-03	1.66E-03	1.65E-03	1.68E-03	1.70E-03	1.73E-03	2.83E-05	1.18E-04	1.55E-07	6.60E-06	1.50E-03
Pennsylvania	Mercer	42085	R	Methylene Chloride	1.67E-01	1.76E-01	1.91E-01	2.57E-01	2.61E-01	2.99E-01	3.55E-01	4.34E-01	4.25E-03	1.07E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Mercer	42085	R	Nickel Compounds	4.44E-04	4.89E-04	9.14E-04	2.63E-03	3.27E-03	4.67E-03	6.04E-03	9.88E-03	1.04E-05	3.23E-03	8.92E-06	1.75E-05	0.00E+00
Pennsylvania	Mercer	42085	R	Perchloroethylene	1.47E-01	1.51E-01	1.57E-01	1.92E-01	1.90E-01	2.16E-01	2.30E-01	2.58E-01	4.28E-04	4.97E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Mercer	42085	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
Pennsylvania	Mercer	42085	R	Polycyclic Organic Matter	8.18E-03	1.20E-02	1.66E-02	3.59E-02	3.77E-02	5.56E-02	6.78E-02	8.26E-02	1.44E-04	3.75E-02	8.40E-05	1.34E-05	0.00E+00
Pennsylvania	Mercer	42085	R	7-PAH	6.23E-04	8.15E-04	1.12E-03	2.09E-03	2.18E-03	3.11E-03	3.73E-03	4.55E-03	9.33E-09	2.13E-03	3.73E-05	6.11E-06	0.00E+00
Pennsylvania	Mercer	42085	R	Propylene Dichloride	2.01E-06	1.02E-05	1.19E-05	2.06E-05	1.98E-05	2.82E-05	2.97E-05	3.14E-05	1.32E-05	6.53E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	Quinoline	2.32E-08	4.26E-08	1.67E-07	2.79E-07	2.76E-07	3.95E-07	4.18E-07	5.50E-07	1.69E-07	1.08E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	1,1,2,2-Tetrachloroethane	1.08E-05	7.81E-05	9.68E-05	1.74E-04	1.61E-04	2.32E-04	2.50E-04	2.54E-04	1.21E-04	3.99E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mercer	42085	R	Trichloroethylene	9.98E-02	1.06E-01	1.11E-01	1.20E-01	1.42E-01	1.44E-01	2.13E-01	2.95E-01	4.08E-02	2.04E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Mercer	42085	R	Vinyl Chloride	2.76E-05	2.06E-04	2.48E-04	4.39E-04	4.12E-04	5.92E-04	6.36E-04	6.44E-04	2.99E-04	1.14E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mifflin	42087	R	Acetaldehyde	1.09E-01	1.21E-01	1.25E-01	1.55E-01	1.61E-01	1.97E-01	2.14E-01	2.17E-01	3.64E-05	2.65E-02	1.01E-01	3.31E-02	0.00E+00
Pennsylvania	Mifflin	42087	R	Acrolein	3.20E-02	3.34E-02	3.67E-02	4.20E-02	4.67E-02	6.03E-02	6.19E-02	6.57E-02	1.58E-05	2.80E-02	1.37E-02	5.03E-03	0.00E+00
Pennsylvania	Mifflin	42087	R	Acrylonitrile	1.62E-05	2.39E-05	2.98E-05	4.86E-05	5.14E-05	6.29E-05	8.90E-05	1.11E-04	1.40E-07	5.13E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mifflin	42087	R	Arsenic Compounds	6.05E-06	6.18E-06	7.96E-06	1.16E-05	3.30E-05	5.64E-05	7.44E-05	1.22E-04	2.13E-05	1.12E-05	4.30E-07	1.88E-09	0.00E+00
Pennsylvania	Mifflin	42087	R	Benzene	6.08E-01	6.25E-01	6.27E-01	6.54E-01	7.05E-01	8.01E-01	8.43E-01						

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Mifflin	42087	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	2.27E-06	5.54E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Mifflin	42087	R	Ethylene Oxide	6.79E-05	1.05E-04	1.32E-04	1.89E-04	4.96E-04	8.49E-04	1.45E-03	1.49E-03	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mifflin	42087	R	Formaldehyde	4.23E-01	4.37E-01	4.51E-01	4.75E-01	5.20E-01	6.20E-01	6.25E-01	6.53E-01	2.70E-05	1.12E-01	9.78E-02	5.98E-02	2.50E-01
Pennsylvania	Mifflin	42087	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.52E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Mifflin	42087	R	Hydrazine	4.81E-10	4.98E-10	1.51E-09	1.04E-08	4.72E-08	5.56E-08	2.05E-07	2.06E-07	0.00E+00	4.72E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mifflin	42087	R	Lead Compounds	2.73E-04	7.46E-04	1.04E-03	1.48E-03	1.37E-03	1.60E-03	1.84E-03	2.42E-03	7.09E-04	5.20E-04	3.82E-05	1.03E-04	0.00E+00
Pennsylvania	Mifflin	42087	R	Manganese Compounds	1.87E-04	2.32E-04	3.39E-04	7.60E-04	2.72E-03	3.72E-03	1.02E-02	1.05E-02	3.18E-05	2.66E-03	1.12E-05	1.72E-05	0.00E+00
Pennsylvania	Mifflin	42087	R	Mercury Compounds	1.53E-03	1.54E-03	1.54E-03	1.56E-03	1.56E-03	1.57E-03	1.58E-03	1.58E-03	7.32E-06	4.40E-05	3.70E-07	4.48E-06	1.50E-03
Pennsylvania	Mifflin	42087	R	Methylene Chloride	1.63E-01	1.67E-01	1.70E-01	2.18E-01	2.36E-01	2.88E-01	3.14E-01	4.06E-01	3.19E-02	5.44E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Mifflin	42087	R	Nickel Compounds	4.97E-05	6.05E-05	7.64E-05	1.09E-04	2.92E-04	4.22E-04	9.37E-04	9.67E-04	1.46E-05	2.49E-04	2.11E-05	7.37E-06	0.00E+00
Pennsylvania	Mifflin	42087	R	Perchloroethylene	1.45E-01	1.46E-01	1.47E-01	1.49E-01	1.60E-01	1.79E-01	1.88E-01	1.92E-01	2.64E-06	2.02E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Mifflin	42087	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
Pennsylvania	Mifflin	42087	R	Polycyclic Organic Matter	7.47E-03	9.48E-03	9.82E-03	1.25E-02	2.32E-02	3.71E-02	5.18E-02	6.21E-02	1.02E-06	2.30E-02	1.92E-04	8.41E-06	0.00E+00
Pennsylvania	Mifflin	42087	R	7-PAH	7.45E-04	8.41E-04	9.42E-04	1.16E-03	1.72E-03	2.70E-03	3.27E-03	3.87E-03	3.08E-08	1.63E-03	8.53E-05	3.31E-06	0.00E+00
Pennsylvania	Mifflin	42087	R	Propylene Dichloride	6.44E-07	1.32E-06	1.40E-06	1.93E-06	2.38E-06	2.54E-06	5.48E-06	5.57E-06	8.51E-09	2.37E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mifflin	42087	R	Quinoline	8.65E-09	1.05E-08	1.88E-08	4.07E-08	1.34E-07	1.63E-07	5.27E-07	5.30E-07	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mifflin	42087	R	1,1,2,2-Tetrachloroethane	7.44E-08	2.45E-06	2.63E-06	3.25E-06	5.51E-06	6.17E-06	1.58E-05	1.65E-05	7.79E-08	5.43E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Mifflin	42087	R	Trichloroethylene	8.22E-02	8.24E-02	8.27E-02	8.35E-02	8.79E-02	9.20E-02	1.01E-01	1.04E-01	3.98E-04	6.52E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Mifflin	42087	R	Vinyl Chloride	8.07E-07	8.89E-06	1.04E-05	1.24E-05	1.76E-05	2.25E-05	4.00E-05	4.11E-05	1.92E-07	1.74E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	R	Acetaldehyde	2.31E-01	2.35E-01	2.66E-01	3.63E-01	4.18E-01	4.07E-01	4.28E-01	1.40E+00	1.25E-06	5.24E-02	1.77E-01	1.88E-01	0.00E+00
Pennsylvania	Monroe	42089	R	Acrolein	7.04E-02	7.95E-02	8.58E-02	9.56E-02	1.23E-01	1.07E-01	1.15E-01	5.06E-01	1.35E-04	4.92E-02	1.99E-02	5.38E-02	0.00E+00
Pennsylvania	Monroe	42089	R	Acrylonitrile	1.51E-04	1.58E-04	2.14E-04	3.18E-04	2.98E-04	3.87E-04	3.98E-04	4.13E-04	2.08E-04	9.00E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	R	Arsenic Compounds	1.13E-05	1.37E-05	1.56E-05	2.92E-05	4.24E-05	5.19E-05	9.63E-05	1.20E-04	1.38E-06	4.09E-05	1.43E-07	4.07E-09	0.00E+00
Pennsylvania	Monroe	42089	R	Benzene	1.46E+00	1.51E+00	1.55E+00	1.86E+00	1.84E+00	2.08E+00	2.22E+00	2.25E+00	1.29E-02	1.20E-01	2.17E-01	1.01E+00	4.80E-01
Pennsylvania	Monroe	42089	R	Beryllium Compounds	2.13E-06	2.25E-06	2.69E-06	4.45E-06	6.12E-06	9.03E-06	1.34E-05	1.40E-05	7.23E-08	6.05E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	R	1,3-Butadiene	6.31E-02	6.61E-02	6.87E-02	1.05E-01	1.16E-01	1.36E-01	1.49E-01	3.41E-01	3.66E-05	2.89E-02	1.97E-02	6.73E-02	0.00E+00
Pennsylvania	Monroe	42089	R	Cadmium Compounds	9.51E-06	1.18E-05	1.33E-05	1.77E-05	1.94E-05	2.21E-05	3.39E-05	3.53E-05	2.27E-06	1.71E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	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	3.81E-07	1.45E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Monroe	42089	R	Chloroform	9.08E-02	9.27E-02	1.00E-01	1.04E-01	1.10E-01	1.17E-01	1.38E-01	1.39E-01	2.56E-02	1.04E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Monroe	42089	R	Chromium Compounds	5.92E-05	8.26E-05	1.33E-04	2.19E-04	2.34E-04	2.80E-04	3.75E-04	6.47E-04	1.19E-05	1.47E-04	9.07E-06	6.60E-05	0.00E+00
Pennsylvania	Monroe	42089	R	Coke Oven Emissions	3.12E-03	3.51E-03	4.29E-03	4.71E-03	5.21E-03	5.54E-03	6.42E-03	1.15E-02	5.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	R	1,3-Dichloropropene	1.30E-02	1.62E-02	2.08E-02	2.54E-02	4.14E-02	5.47E-02	9.53E-02	9.93E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	R	Diesel Particulate Matter	1.59E+00	1.71E+00	1.83E+00	1.90E+00	2.00E+00	2.20E+00	2.40E+00	2.43E+00	0.00E+00	0.00E+00	7.58E-01	1.24E+00	***
Pennsylvania	Monroe	42089	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	1.16E-07	3.12E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Monroe	42089	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	2.53E-05	2.24E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Monroe	42089	R	Ethylene Oxide	3.13E-04	4.09E-04	4.62E-04	6.26E-04	9.94E-04	1.40E-03	2.15E-03	3.70E-03	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	R	Formaldehyde	5.80E-01	6.09E-01	7.10E-01	7.68E-01	1.01E+00	9.01E-01	9.34E-01	4.20E+00	1.18E-03	2.43E-01	1.57E-01	3.57E-01	2.50E-01
Pennsylvania	Monroe	42089	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	0.00E+00	2.87E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Monroe	42089	R	Hydrazine	2.25E-09	2.54E-09	1.47E-08	6.68E-08	1.05E-07	1.42E-07	2.67E-07	4.13E-07	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Monroe	42089	R	Lead Compounds	1.83E-04	2.30E-04	2.92E-04	3.87E-04	4.02E-04	4.83E-04	5.77E-04	6.57E-04	3.85E-05	3.01E-04	1.26E-05	5.00E-05	0.00E+00
Pennsylvania	Monroe	42089	R	Manganese Compounds	7.34E-04	7.42E-04	8.07E-04	1.31E-03	2.03E-03	2.54E-03	4.36E-03	5.59E-03	5.49E-06	1.95E-03	3.62E-06	6.89E-05	0.00E+00
Pennsylvania	Monroe	42089	R	Mercury Compounds	1.56E-03	1.57E-03	1.58E-03	1.61E-03	1.62E-03	1.63E-03	1.66E-03	1.74E-03	3.36E-06	9.39E-05	1.23E-07	1.90E-05	1.50E-03
Pennsylvania	Monroe	42089	R	Methylene Chloride	2.30E-01	2.60E-01	2.73E-01	2.90E-01	3.44E-01	3.54E-01	3.94E-01	8.98E-01	1.09E-01	8.47E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Monroe	42089	R	Nickel Compounds	9.69E-05	1.09E-04	1.27E-04	1.86E-04	2.44E-04	3.23E-04	4.92E-04	5.83E-04	9.59E-06	1.98E-04	7.04E-06	2.93E-05	0.00E+00
Pennsylvania	Monroe	42089	R	Perchloroethylene	1.50E-01	1.50E-01	1.53E-01	1.58E-01	1.66E-01	1.86E-01	1.90E-01	1.96E-01</					

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Montgomery	42091	U	Acrylonitrile	9.08E-04	9.73E-04	1.09E-03	1.28E-03	1.29E-03	1.42E-03	1.58E-03	1.67E-03	9.73E-04	3.20E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	Arsenic Compounds	1.44E-04	1.56E-04	1.81E-04	2.04E-04	2.06E-04	2.27E-04	2.55E-04	2.69E-04	4.09E-05	1.49E-04	8.91E-07	1.53E-05	0.00E+00
Pennsylvania	Montgomery	42091	U	Benzene	1.52E+00	1.62E+00	1.90E+00	2.14E+00	2.16E+00	2.41E+00	2.73E+00	2.90E+00	6.88E-02	2.65E-01	8.09E-01	5.40E-01	4.80E-01
Pennsylvania	Montgomery	42091	U	Beryllium Compounds	2.07E-05	2.22E-05	2.48E-05	2.90E-05	3.37E-05	3.51E-05	4.03E-05	5.32E-05	2.08E-06	3.15E-05	0.00E+00	1.14E-07	0.00E+00
Pennsylvania	Montgomery	42091	U	1,3-Butadiene	4.66E-02	5.06E-02	6.27E-02	7.49E-02	8.15E-02	9.65E-02	1.17E-01	1.35E-01	3.31E-07	1.30E-03	5.16E-02	2.86E-02	0.00E+00
Pennsylvania	Montgomery	42091	U	Cadmium Compounds	2.07E-04	2.99E-04	3.63E-04	4.32E-04	4.30E-04	4.80E-04	5.49E-04	6.01E-04	1.35E-05	4.15E-04	0.00E+00	1.59E-06	0.00E+00
Pennsylvania	Montgomery	42091	U	Carbon Tetrachloride	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	1.73E-06	7.65E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Montgomery	42091	U	Chloroform	8.62E-02	8.75E-02	8.86E-02	8.98E-02	8.96E-02	9.04E-02	9.11E-02	9.16E-02	1.38E-03	5.20E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Montgomery	42091	U	Chromium Compounds	2.20E-03	2.38E-03	3.00E-03	3.75E-03	3.89E-03	4.45E-03	5.95E-03	6.59E-03	5.30E-04	3.08E-03	5.74E-05	2.22E-04	0.00E+00
Pennsylvania	Montgomery	42091	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	1,3-Dichloropropene	6.04E-02	7.52E-02	1.06E-01	1.34E-01	1.39E-01	1.63E-01	2.00E-01	2.42E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	Diesel Particulate Matter	2.82E+00	2.87E+00	3.09E+00	3.35E+00	3.42E+00	3.62E+00	4.01E+00	4.27E+00	0.00E+00	0.00E+00	1.15E+00	2.27E+00	***
Pennsylvania	Montgomery	42091	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.27E-07	8.63E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Montgomery	42091	U	Ethylene Dichloride	6.20E-02	6.69E-02	7.36E-02	8.17E-02	9.54E-02	1.05E-01	1.32E-01	1.44E-01	3.42E-02	2.62E-04	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Montgomery	42091	U	Ethylene Oxide	1.51E-03	2.19E-03	3.50E-03	4.85E-03	5.04E-03	6.46E-03	7.81E-03	8.73E-03	2.45E-06	5.03E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	Formaldehyde	1.30E+00	1.44E+00	1.61E+00	1.82E+00	1.78E+00	1.95E+00	2.05E+00	2.17E+00	2.89E-03	7.83E-02	6.83E-01	7.61E-01	2.50E-01
Pennsylvania	Montgomery	42091	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.34E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Montgomery	42091	U	Hydrazine	3.23E-08	4.33E-08	6.44E-08	1.24E-07	2.07E-07	2.18E-07	5.41E-07	7.35E-07	0.00E+00	2.07E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	Lead Compounds	4.13E-03	4.63E-03	5.47E-03	6.92E-03	6.99E-03	7.98E-03	9.60E-03	1.05E-02	9.53E-05	5.03E-03	7.94E-05	1.78E-03	0.00E+00
Pennsylvania	Montgomery	42091	U	Manganese Compounds	1.37E-03	1.54E-03	1.93E-03	2.39E-03	2.46E-03	2.88E-03	3.48E-03	3.70E-03	1.24E-04	2.10E-03	2.31E-05	2.21E-04	0.00E+00
Pennsylvania	Montgomery	42091	U	Mercury Compounds	2.15E-03	2.48E-03	2.59E-03	2.68E-03	2.69E-03	2.78E-03	2.95E-03	3.09E-03	1.99E-04	9.51E-04	7.66E-07	4.23E-05	1.50E-03
Pennsylvania	Montgomery	42091	U	Methylene Chloride	3.32E-01	3.73E-01	4.85E-01	5.74E-01	6.03E-01	6.68E-01	8.12E-01	9.34E-01	4.59E-02	4.07E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Montgomery	42091	U	Nickel Compounds	1.88E-03	2.03E-03	2.60E-03	3.18E-03	3.48E-03	3.93E-03	5.38E-03	6.43E-03	4.55E-04	2.43E-03	4.46E-05	5.56E-04	0.00E+00
Pennsylvania	Montgomery	42091	U	Perchloroethylene	2.19E-01	2.37E-01	2.87E-01	3.23E-01	3.31E-01	3.67E-01	4.20E-01	4.59E-01	2.30E-03	1.89E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Montgomery	42091	U	Polychlorinated Biphenyls	3.80E-04	3.81E-04	3.82E-04	3.84E-04	3.86E-04	3.88E-04	3.94E-04	3.97E-04	0.00E+00	6.10E-06	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Montgomery	42091	U	Polycyclic Organic Matter	5.75E-02	7.27E-02	1.02E-01	1.32E-01	1.33E-01	1.59E-01	1.89E-01	2.11E-01	7.49E-03	1.25E-01	4.02E-04	1.55E-04	0.00E+00
Pennsylvania	Montgomery	42091	U	7-PAH	3.09E-03	3.68E-03	4.88E-03	6.06E-03	6.12E-03	7.05E-03	8.47E-03	9.84E-03	3.36E-06	5.88E-03	1.81E-04	6.25E-05	0.00E+00
Pennsylvania	Montgomery	42091	U	Propylene Dichloride	5.42E-05	5.78E-05	6.70E-05	7.56E-05	7.65E-05	8.48E-05	9.41E-05	9.81E-05	5.71E-05	1.94E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	Quinoline	3.39E-07	4.15E-07	6.08E-07	8.36E-07	1.00E-06	1.18E-06	1.80E-06	2.41E-06	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	1,1,2,2-Tetrachloroethane	3.60E-04	3.87E-04	4.52E-04	5.43E-04	5.49E-04	6.23E-04	6.94E-04	7.29E-04	5.23E-04	2.64E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montgomery	42091	U	Trichloroethylene	2.24E-01	2.60E-01	3.27E-01	3.95E-01	4.36E-01	4.86E-01	5.80E-01	7.60E-01	2.69E-01	8.60E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Montgomery	42091	U	Vinyl Chloride	1.30E-02	1.40E-02	1.52E-02	2.00E-02	2.05E-02	2.50E-02	3.36E-02	4.94E-02	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montour	42093	R	Acetaldehyde	1.89E-01	1.89E-01	1.94E-01	2.29E-01	2.30E-01	2.65E-01	2.72E-01	2.72E-01	1.12E-04	3.15E-02	1.40E-01	5.85E-02	0.00E+00
Pennsylvania	Montour	42093	R	Acrolein	3.82E-02	3.82E-02	3.97E-02	4.93E-02	4.99E-02	6.00E-02	6.26E-02	6.26E-02	5.71E-05	2.21E-02	1.93E-02	8.39E-03	0.00E+00
Pennsylvania	Montour	42093	R	Acrylonitrile	6.23E-05	6.23E-05	6.61E-05	7.90E-05	7.76E-05	8.91E-05	9.00E-05	9.00E-05	2.57E-05	5.19E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montour	42093	R	Arsenic Compounds	5.25E-05	5.25E-05	7.88E-05	1.25E-04	1.16E-04	1.54E-04	1.62E-04	1.62E-04	7.78E-05	3.77E-05	6.78E-07	3.13E-09	0.00E+00
Pennsylvania	Montour	42093	R	Benzene	6.59E-01	6.59E-01	6.60E-01	7.66E-01	7.98E-01	9.36E-01	1.00E+00	1.00E+00	3.49E-04	9.64E-02	1.80E-01	4.18E-02	4.80E-01
Pennsylvania	Montour	42093	R	Beryllium Compounds	3.83E-06	3.83E-06	5.14E-06	8.49E-06	9.07E-06	1.30E-05	1.55E-05	1.55E-05	4.07E-06	4.99E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montour	42093	R	1,3-Butadiene	1.03E-02	1.03E-02	1.05E-02	2.12E-02	2.42E-02	3.79E-02	4.40E-02	4.40E-02	0.00E+00	5.12E-03	1.59E-02	3.10E-03	0.00E+00
Pennsylvania	Montour	42093	R	Cadmium Compounds	5.66E-05	5.66E-05	1.10E-04	3.64E-04	3.70E-04	6.30E-04	6.94E-04	6.94E-04	1.01E-05	3.60E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montour	42093	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.71E-08	1.15E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Montour	42093	R	Chloroform	8.37E-02	8.37E-02	8.97E-02	1.22E-01	1.29E-01	1.67E-01	1.86E-01	1.86E-01	4.48E-02	8.02E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Montour	42093	R	Chromium Compounds	5.34E-04	5.34E-04	5.35E-04	5.87E-04	6.11E-04	6.87E-04	7.35E-04	7.35E-04	3.85E-04	1.56E-04	4.14E-05	2.83E-05	0.00E+00
Pennsylvania	Montour	42093	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
Pennsylvania	Montour	42093	R	1,3-Dichloropropene	1.22E-02	1.22E-02	1.29E-02	2.61E-02	3.44E-02	5.58E-02	7.32E-02	7.32E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montour	42093	R	Diesel Particulate Matter	1.25E+00	1.25E+00	1.25E+00	1.39E+00	1.42E+00	1.59E+00	1.65E+00	1.65E+00	0.00E+00	0.00E+00	5.99E-01	8.23E-01	***
Pennsylvania	Montour	42093	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.44E-08	6.08E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Montour	42093	R	Ethylene Dichloride	6.14E-02	6.14E-02	7.37E-02	1.39E-01	1.52E-01	2.31E-01	2.68E-01	2.68E-01	9.11E-02	3.07E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Montour	42093	R	Ethylene Oxide	2.99E-04	2.99E-04	7.18E-04	5.47E-03	6.84E-03	1.30E-02	1.61E-02	1.61E-02	0.00E+00	6.84E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montour	42093	R	Formaldehyde	5.14E-01	5.14E-01	5.22E-01	6.90E-01	7.27E-01	9.33E-01	1.01E+00	1.01E+00	1.54E-01	8.88E-02	1.30E-01	1.05E-01	2.50E-01
Pennsylvania	Montour	42093	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.03E-07	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Montour	42093	R	Hydrazine	1.48E-09	1.48E-09	5.16E-09	1.21E-08	1.21E-08	1.91E-08	2.29E-08	2.29E-08	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Montour	42093	R	Lead Compounds	4.34E-04	4.34E-04	5.25E-04	1.13E-03	1.09E-03	1.66E-03	1.67E-03	1.67E-03	8.24E-05	9.50E-04	5.79E-05	1.92E-07	0.00E+00
Pennsylvania	Montour	42093	R	Manganese Compounds	1.02E-03	1.02E-03	1.09E-03	1.19E-03	1.25E-03	1.41E-03	1.59E-03	1.59E-03	7.01E-04	4.97E-04	1.70E-05	3.13E-05	0.00E+00
Pennsylvania	Montour	42093	R	Mercury Compounds	1.76E-03	1.76E-03	1.77E-03	1.84E-03	1.84E-03	1.91E-03	1.93E-03	1.93E-03	2.04E-05	3.13E-04	5.67E-07	8.08E-06	1.50E-03

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Pennsylvania																		
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	
Pennsylvania	Montour	42093	R	Methylene Chloride	2.41E-01	2.41E-01	2.82E-01	6.66E-01	7.43E-01	1.20E+00	1.40E+00	1.40E+00	5.08E-01	8.52E-02	0.00E+00	0.00E+00	1.50E-01	
Pennsylvania	Montour	42093	R	Nickel Compounds	4.09E-04	4.09E-04	4.91E-04	6.18E-04	6.40E-04	7.89E-04	9.14E-04	9.14E-04	2.35E-04	3.59E-04	3.23E-05	1.34E-05	0.00E+00	
Pennsylvania	Montour	42093	R	Perchloroethylene	1.51E-01	1.51E-01	1.52E-01	1.67E-01	1.75E-01	1.98E-01	2.14E-01	2.14E-01	4.14E-04	3.44E-02	0.00E+00	0.00E+00	1.40E-01	
Pennsylvania	Montour	42093	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	
Pennsylvania	Montour	42093	R	Polycyclic Organic Matter	1.85E-02	1.85E-02	2.01E-02	3.13E-02	3.72E-02	5.44E-02	6.78E-02	6.78E-02	4.20E-03	3.27E-02	2.93E-04	1.32E-05	0.00E+00	
Pennsylvania	Montour	42093	R	7-PAH	9.65E-04	9.65E-04	9.83E-04	1.60E-03	1.90E-03	2.81E-03	3.43E-03	3.43E-03	8.12E-08	1.76E-03	1.30E-04	6.02E-06	0.00E+00	
Pennsylvania	Montour	42093	R	Propylene Dichloride	3.21E-06	3.21E-06	3.47E-06	4.00E-06	3.92E-06	4.38E-06	4.48E-06	4.48E-06	1.56E-06	2.37E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Montour	42093	R	Quinoline	3.51E-08	3.51E-08	4.74E-08	6.73E-08	6.59E-08	8.43E-08	9.38E-08	9.38E-08	0.00E+00	6.59E-08	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Montour	42093	R	1,1,2,2-Tetrachloroethane	1.84E-05	1.84E-05	1.85E-05	1.85E-05	1.90E-05	1.95E-05	2.04E-05	2.04E-05	1.43E-05	4.71E-06	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Montour	42093	R	Trichloroethylene	8.83E-02	8.83E-02	9.06E-02	9.87E-02	1.01E-01	1.11E-01	1.18E-01	1.18E-01	1.67E-03	1.82E-02	0.00E+00	0.00E+00	8.10E-02	
Pennsylvania	Montour	42093	R	Vinyl Chloride	5.01E-05	5.01E-05	5.18E-05	1.30E-04	1.30E-04	2.08E-04	2.10E-04	2.10E-04	3.51E-05	9.49E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Acetaldehyde	5.01E-01	5.15E-01	6.03E-01	6.99E-01	6.80E-01	7.62E-01	8.22E-01	8.50E-01	1.31E-04	3.30E-02	4.68E-01	1.78E-01	0.00E+00	
Pennsylvania	Northampton	42095	U	Acrolein	7.23E-02	7.50E-02	8.22E-02	9.11E-02	9.28E-02	1.02E-01	1.14E-01	1.16E-01	4.63E-05	1.79E-02	4.56E-02	2.92E-02	0.00E+00	
Pennsylvania	Northampton	42095	U	Acrylonitrile	1.45E-03	1.57E-03	1.84E-03	2.40E-03	2.37E-03	2.75E-03	3.09E-03	3.38E-03	1.98E-03	3.86E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Arsenic Compounds	1.75E-05	1.94E-05	3.01E-05	4.41E-05	4.88E-05	6.50E-05	8.31E-05	8.73E-05	9.05E-06	3.93E-05	3.96E-07	8.68E-09	0.00E+00	
Pennsylvania	Northampton	42095	U	Benzene	9.90E-01	1.01E+00	1.09E+00	1.23E+00	1.26E+00	1.38E+00	1.55E+00	1.64E+00	7.93E-03	4.21E-02	4.78E-01	2.48E-01	4.80E-01	
Pennsylvania	Northampton	42095	U	Beryllium Compounds	3.98E-06	4.68E-06	7.30E-06	1.18E-05	1.24E-05	1.68E-05	1.96E-05	2.40E-05	2.67E-07	1.22E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	1,3-Butadiene	2.71E-02	2.81E-02	3.51E-02	5.54E-02	5.79E-02	7.45E-02	9.91E-02	1.09E-01	6.37E-06	2.25E-03	3.88E-02	1.68E-02	0.00E+00	
Pennsylvania	Northampton	42095	U	Cadmium Compounds	1.85E-05	2.17E-05	3.75E-05	5.88E-05	7.35E-05	7.40E-05	1.34E-04	2.26E-04	3.61E-05	3.73E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.63E-06	3.30E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Northampton	42095	U	Chloroform	1.09E-01	1.10E-01	1.17E-01	1.32E-01	1.52E-01	1.52E-01	2.16E-01	2.84E-01	6.63E-02	2.39E-03	0.00E+00	0.00E+00	8.30E-02	
Pennsylvania	Northampton	42095	U	Chromium Compounds	4.79E-04	5.56E-04	1.19E-03	1.87E-03	2.49E-03	3.20E-03	4.16E-03	7.71E-03	2.89E-05	2.37E-03	2.56E-05	6.35E-05	0.00E+00	
Pennsylvania	Northampton	42095	U	Coke Oven Emissions	2.52E-04	2.74E-04	9.87E-04	1.73E-03	1.59E-03	2.32E-03	2.51E-03	2.79E-03	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	1,3-Dichloropropene	2.95E-02	3.23E-02	5.08E-02	8.26E-02	9.09E-02	1.15E-01	1.61E-01	1.91E-01	0.00E+00	9.09E-02	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Diesel Particulate Matter	2.27E+00	2.32E+00	2.51E+00	2.78E+00	2.77E+00	2.90E+00	3.12E+00	3.35E+00	0.00E+00	0.00E+00	1.06E+00	1.71E+00	***	
Pennsylvania	Northampton	42095	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.11E-06	3.32E-07	0.00E+00	0.00E+00	7.70E-03	
Pennsylvania	Northampton	42095	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.14E-02	6.14E-02	6.20E-02	2.91E-04	4.88E-05	0.00E+00	0.00E+00	6.10E-02	
Pennsylvania	Northampton	42095	U	Ethylene Oxide	1.04E-03	1.08E-03	1.98E-03	2.94E-03	3.55E-03	4.85E-03	5.93E-03	7.83E-03	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Formaldehyde	7.85E-01	8.05E-01	8.92E-01	9.63E-01	9.68E-01	1.04E+00	1.15E+00	1.20E+00	1.16E-04	6.32E-02	3.54E-01	3.01E-01	2.50E-01	
Pennsylvania	Northampton	42095	U	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	6.92E-08	0.00E+00	0.00E+00	9.30E-05	
Pennsylvania	Northampton	42095	U	Hydrazine	3.49E-09	4.69E-09	1.13E-08	2.71E-08	4.04E-08	5.34E-08	7.58E-08	1.47E-07	0.00E+00	4.04E-08	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Lead Compounds	6.47E-04	8.02E-04	1.66E-03	2.34E-03	2.59E-03	2.84E-03	4.50E-03	5.70E-03	8.91E-04	1.17E-03	3.56E-05	4.85E-04	0.00E+00	
Pennsylvania	Northampton	42095	U	Manganese Compounds	8.45E-04	9.68E-04	1.47E-03	2.41E-03	3.16E-03	4.00E-03	5.59E-03	7.96E-03	2.20E-05	3.06E-03	1.03E-05	7.20E-05	0.00E+00	
Pennsylvania	Northampton	42095	U	Mercury Compounds	1.67E-03	1.68E-03	1.76E-03	1.83E-03	1.83E-03	1.88E-03	2.00E-03	2.01E-03	4.88E-05	2.59E-04	3.42E-07	1.80E-05	1.50E-03	
Pennsylvania	Northampton	42095	U	Methylene Chloride	3.00E-01	3.19E-01	4.20E-01	5.81E-01	7.84E-01	8.39E-01	1.14E+00	1.38E+00	3.50E-01	2.84E-01	0.00E+00	0.00E+00	1.50E-01	
Pennsylvania	Northampton	42095	U	Nickel Compounds	2.65E-04	2.77E-04	5.12E-04	8.04E-04	8.97E-04	1.15E-03	1.43E-03	2.01E-03	3.58E-05	8.10E-04	1.99E-05	3.12E-05	0.00E+00	
Pennsylvania	Northampton	42095	U	Perchloroethylene	1.70E-01	1.73E-01	1.91E-01	2.22E-01	2.26E-01	2.53E-01	2.81E-01	3.05E-01	3.64E-03	8.29E-02	0.00E+00	0.00E+00	1.40E-01	
Pennsylvania	Northampton	42095	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
Pennsylvania	Northampton	42095	U	Polycyclic Organic Matter	2.63E-02	2.79E-02	4.12E-02	6.41E-02	6.95E-02	8.59E-02	1.17E-01	1.37E-01	4.01E-07	6.92E-02	1.94E-04	9.16E-05	0.00E+00	
Pennsylvania	Northampton	42095	U	7-PAH	1.66E-03	1.81E-03	2.46E-03	3.57E-03	3.90E-03	4.75E-03	6.60E-03	7.35E-03	2.11E-07	3.78E-03	8.57E-05	4.31E-05	0.00E+00	
Pennsylvania	Northampton	42095	U	Propylene Dichloride	8.82E-05	9.52E-05	1.12E-04	1.44E-04	1.43E-04	1.68E-04	1.86E-04	2.03E-04	1.20E-04	2.28E-05	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Quinoline	6.39E-08	7.17E-08	1.18E-07	1.66E-07	2.02E-07	2.45E-07	3.09E-07	5.19E-07	0.00E+00	2.02E-07	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	1,1,2,2-Tetrachloroethane	7.55E-04	8.23E-04	9.74E-04	1.28E-03	1.26E-03	1.46E-03	1.66E-03	1.81E-03	1.10E-03	1.62E-04	0.00E+00	0.00E+00	0.00E+00	
Pennsylvania	Northampton	42095	U	Trichloroethylene	9.57E-02	9.66E-02	1.05E-01	1.13E-01	1.23E-01	1.32E-01	1.63E-01	1.73E-01	1.68E-02	2.49E-02	0.00E+00	0.00E+00	8.10E-02	
Pennsylvania	Northampton	42095	U	Vinyl Chloride	2.43E-03	2.67E-03												

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Northumberland	42097	R	Chromium Compounds	2.17E-04	2.46E-04	2.78E-04	4.00E-04	4.48E-04	4.57E-04	8.31E-04	8.77E-04	2.64E-04	8.99E-05	6.75E-05	2.69E-05	0.00E+00
Pennsylvania	Northumberland	42097	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
Pennsylvania	Northumberland	42097	R	1,3-Dichloropropene	1.18E-02	1.45E-02	1.82E-02	5.75E-02	7.21E-02	1.33E-01	1.51E-01	1.53E-01	0.00E+00	7.21E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Northumberland	42097	R	Diesel Particulate Matter	1.19E+00	1.21E+00	1.33E+00	1.41E+00	1.47E+00	1.65E+00	1.73E+00	1.75E+00	0.00E+00	0.00E+00	6.74E-01	7.99E-01	***
Pennsylvania	Northumberland	42097	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	1.46E-08	7.80E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Northumberland	42097	R	Ethylene Dichloride	6.32E-02	6.37E-02	7.31E-02	7.89E-02	8.75E-02	8.72E-02	9.46E-02	1.10E-01	2.65E-02	1.05E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Northumberland	42097	R	Ethylene Oxide	2.16E-04	3.31E-04	4.70E-04	8.22E-04	9.20E-04	1.43E-03	1.72E-03	1.73E-03	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Northumberland	42097	R	Formaldehyde	5.20E-01	5.28E-01	5.79E-01	6.80E-01	6.99E-01	7.81E-01	9.58E-01	9.59E-01	4.39E-02	1.39E-01	1.66E-01	1.01E-01	2.50E-01
Pennsylvania	Northumberland	42097	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	6.94E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Northumberland	42097	R	Hydrazine	4.04E-10	1.26E-09	4.77E-09	7.88E-09	1.59E-08	1.88E-08	4.89E-08	6.52E-08	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Northumberland	42097	R	Lead Compounds	3.33E-04	5.00E-04	1.31E-03	1.62E-03	1.85E-03	2.27E-03	3.32E-03	4.07E-03	9.84E-05	1.66E-03	9.52E-05	1.38E-07	0.00E+00
Pennsylvania	Northumberland	42097	R	Manganese Compounds	5.58E-04	6.46E-04	9.31E-04	1.62E-03	1.87E-03	1.93E-03	2.51E-03	3.67E-03	8.44E-04	9.65E-04	2.79E-05	2.98E-05	0.00E+00
Pennsylvania	Northumberland	42097	R	Mercury Compounds	1.59E-03	1.60E-03	1.62E-03	1.63E-03	1.64E-03	1.65E-03	1.69E-03	1.77E-03	3.44E-05	1.01E-04	9.27E-07	7.62E-06	1.50E-03
Pennsylvania	Northumberland	42097	R	Methylene Chloride	2.19E-01	2.33E-01	3.47E-01	3.87E-01	4.29E-01	4.97E-01	5.32E-01	5.63E-01	1.62E-01	1.17E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Northumberland	42097	R	Nickel Compounds	1.82E-04	2.21E-04	3.16E-04	4.46E-04	5.27E-04	5.86E-04	7.29E-04	8.36E-04	1.94E-04	2.68E-04	5.22E-05	1.29E-05	0.00E+00
Pennsylvania	Northumberland	42097	R	Perchloroethylene	1.50E-01	1.52E-01	1.56E-01	1.85E-01	2.05E-01	2.27E-01	2.97E-01	3.37E-01	2.93E-02	3.52E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Northumberland	42097	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
Pennsylvania	Northumberland	42097	R	Polycyclic Organic Matter	1.46E-02	1.72E-02	2.10E-02	4.84E-02	5.91E-02	9.99E-02	1.11E-01	1.12E-01	3.49E-03	5.51E-02	4.75E-04	1.39E-05	0.00E+00
Pennsylvania	Northumberland	42097	R	7-PAH	9.02E-04	1.12E-03	1.19E-03	3.15E-03	3.45E-03	6.01E-03	6.65E-03	6.81E-03	3.13E-07	3.23E-03	2.11E-04	6.45E-06	0.00E+00
Pennsylvania	Northumberland	42097	R	Propylene Dichloride	3.40E-06	3.61E-06	3.87E-06	5.12E-06	5.08E-06	5.75E-06	6.86E-06	6.87E-06	1.58E-06	3.50E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Northumberland	42097	R	Quinoline	1.18E-08	3.09E-08	3.53E-08	6.08E-08	7.48E-08	8.65E-08	1.65E-07	2.05E-07	0.00E+00	7.48E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Northumberland	42097	R	1,1,2,2-Tetrachloroethane	1.79E-05	1.87E-05	2.20E-05	3.00E-05	2.91E-05	3.16E-05	3.40E-05	5.06E-05	1.45E-05	1.47E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Northumberland	42097	R	Trichloroethylene	8.36E-02	8.39E-02	8.71E-02	9.22E-02	9.35E-02	9.90E-02	1.02E-01	1.06E-01	8.98E-04	1.16E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Northumberland	42097	R	Vinyl Chloride	5.00E-05	5.24E-05	6.01E-05	1.57E-04	1.26E-04	1.72E-04	1.94E-04	2.02E-04	3.56E-05	9.05E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Acetaldehyde	1.57E-01	1.67E-01	1.99E-01	2.36E-01	2.52E-01	3.11E-01	3.69E-01	4.21E-01	7.98E-05	2.24E-02	1.76E-01	5.40E-02	0.00E+00
Pennsylvania	Perry	42099	U	Acrolein	4.03E-02	4.04E-02	4.12E-02	4.58E-02	4.93E-02	5.38E-02	6.68E-02	7.34E-02	2.46E-06	2.01E-02	2.11E-02	8.08E-03	0.00E+00
Pennsylvania	Perry	42099	U	Acrylonitrile	8.41E-05	8.52E-05	8.85E-05	1.09E-04	1.38E-04	1.63E-04	2.67E-04	3.70E-04	7.65E-05	6.20E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Arsenic Compounds	2.83E-06	3.71E-06	4.97E-06	1.05E-05	1.06E-05	1.58E-05	1.74E-05	1.91E-05	5.03E-06	5.38E-06	1.38E-07	2.21E-09	0.00E+00
Pennsylvania	Perry	42099	U	Benzene	6.44E-01	6.55E-01	6.80E-01	7.21E-01	7.43E-01	7.85E-01	8.93E-01	9.56E-01	2.82E-04	3.64E-02	1.69E-01	5.81E-02	4.80E-01
Pennsylvania	Perry	42099	U	Beryllium Compounds	7.17E-07	9.02E-07	1.34E-06	1.87E-06	1.92E-06	2.68E-06	3.13E-06	3.40E-06	2.18E-07	1.70E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	1,3-Butadiene	1.06E-02	1.12E-02	1.19E-02	1.53E-02	1.74E-02	1.73E-02	3.10E-02	3.56E-02	0.00E+00	4.64E-03	9.73E-03	3.02E-03	0.00E+00
Pennsylvania	Perry	42099	U	Cadmium Compounds	4.95E-06	5.54E-06	8.22E-06	1.48E-05	1.48E-05	2.03E-05	2.42E-05	2.73E-05	8.74E-06	6.03E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.40E-07	8.11E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Perry	42099	U	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.35E-02	8.36E-02	8.36E-02	8.39E-02	8.42E-02	8.15E-07	5.65E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Perry	42099	U	Chromium Compounds	5.92E-05	6.59E-05	7.59E-05	1.01E-04	1.16E-04	1.49E-04	2.02E-04	2.42E-04	4.10E-06	8.59E-05	8.85E-06	1.68E-05	0.00E+00
Pennsylvania	Perry	42099	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	1,3-Dichloropropene	6.36E-03	8.01E-03	1.05E-02	1.60E-02	1.71E-02	2.44E-02	2.85E-02	3.00E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Diesel Particulate Matter	1.10E+00	1.13E+00	1.18E+00	1.27E+00	1.29E+00	1.38E+00	1.53E+00	1.64E+00	0.00E+00	0.00E+00	5.62E-01	7.30E-01	***
Pennsylvania	Perry	42099	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.28E-08	2.44E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Perry	42099	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	9.65E-06	5.71E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Perry	42099	U	Ethylene Oxide	8.99E-05	1.10E-04	1.46E-04	1.82E-04	2.23E-04	2.97E-04	4.06E-04	4.76E-04	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Formaldehyde	4.78E-01	4.86E-01	5.00E-01	5.34E-01	5.58E-01	5.93E-01	6.90E-01	7.47E-01	1.83E-03	7.93E-02	1.38E-01	8.94E-02	2.50E-01
Pennsylvania	Perry	42099	U	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	5.12E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Perry	42099	U	Hydrazine	7.60E-11	8.43E-11	9.68E-11	1.46E-10	2.00E-10	2.17E-10	4.77E-10	6.59E-10	0.00E+00	2.00E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Lead Compounds	8.11E-05	8.50E-05	2.71E-04	3.34E-04	3.80E-04	5.15E-04	7.23E-04	8.67E-04	4.54E-05	1.11E-04	1.21E-05	2.12E-04	0.00E+00
Pennsylvania	Perry	42099	U	Manganese Compounds	1.66E-04	1.82E-04	2.12E-04	2.78E-04	3.11E-04	4.11E-04	5.21E-04	6.10E-04	1.04E-05	2.79E-04	3.46E-06	1.89E-05	0.00E+00
Pennsylvania	Perry	42099	U	Mercury Compounds	1.55E-03	1.56E-03	1.58E-03	1.64E-03	1.64E-03	1.69E-03	1.74E-03	1.79E-03	8.20E-05	5.53E-05	1.20E-07	4.82E-06	1.50E-03
Pennsylvania	Perry	42099	U	Methylene Chloride	1.64E-01	1.67E-01	1.76E-01	1.80E-01	1.83E-01	1.93E-01	1.98E-01	2.04E-01	1.12E-03	3.16E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Perry	42099	U	Nickel Compounds	3.95E-05	4.75E-05	6.02E-05	7.95E-05	8.69E-05	1.07E-04	1.51E-04	1.88E-04	5.11E-06	6.69E-05	6.86E-06	8.04E-06	0.00E+00
Pennsylvania	Perry	42099	U	Perchloroethylene	1.45E-01	1.46E-01	1.47E-01	1.50E-01	1.51E-01	1.55E-01	1.59E-01	1.62E-01	1.38E-04	1.10E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Perry	42099	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Perry	42099	U	Polycyclic Organic Matter	8.65E-03	9.83E-03	1.10E-02	1.56E-02	1.65E-02	2.16E-02	2.55E-02	2.71E-02	1.95E-07	1.64E-02	6.46E-05	2.72E-05	0.00E+00
Pennsylvania	Perry	42099	U	7-PAH	8.28E-04	8.47E-04	9.35E-04	1.09E-03	1.18E-03	1.37E-03	1.73E-03	1.83E-03	3.31E-07	1.14E-03	2.87E-05	1.24E-05	0.00E+00
Pennsylvania	Perry	42099	U	Propylene Dichloride	4.51E-06	4.59E-06	4.79E-06	5.93E-06	7.71E-06	9.11E-06	1.53E-05	2.12E-05	4.63E-06	3.08E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Quinoline	1.98E-09	2.04E-09	2.45E-09	3.51E-09	4.64E-09	5.22E-09	1.05E-08	1.41E-08	0.00E+00	4.64E-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/m ³) for Pennsylvania																	
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
Pennsylvania	Perry	42099	U	1,1,2,2-Tetrachloroethane	3.49E-05	3.59E-05	3.79E-05	4.75E-05	6.25E-05	7.41E-05	1.27E-04	1.77E-04	4.24E-05	2.01E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Perry	42099	U	Trichloroethylene	8.24E-02	8.26E-02	8.33E-02	8.40E-02	8.42E-02	8.50E-02	8.65E-02	8.79E-02	1.22E-04	3.08E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Perry	42099	U	Vinyl Chloride	9.70E-05	1.00E-04	1.03E-04	1.25E-04	1.77E-04	2.07E-04	3.76E-04	5.10E-04	1.04E-04	7.27E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	Acetaldehyde	1.76E+00	1.82E+00	1.99E+00	2.13E+00	2.22E+00	2.26E+00	2.50E+00	2.99E+00	1.43E-03	1.69E-01	1.25E+00	7.98E-01	0.00E+00
Pennsylvania	Philadelphia	42101	U	Acrolein	2.06E-01	2.17E-01	2.43E-01	2.73E-01	2.88E-01	2.99E-01	3.54E-01	4.28E-01	4.61E-05	2.95E-02	1.38E-01	1.20E-01	0.00E+00
Pennsylvania	Philadelphia	42101	U	Acrylonitrile	9.94E-04	1.03E-03	1.07E-03	1.22E-03	1.43E-03	1.49E-03	1.94E-03	2.27E-03	7.37E-04	6.91E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	Arsenic Compounds	1.94E-04	2.05E-04	2.39E-04	3.02E-04	3.59E-04	4.11E-04	5.95E-04	7.91E-04	7.18E-05	1.63E-04	1.96E-06	1.22E-04	0.00E+00
Pennsylvania	Philadelphia	42101	U	Benzene	2.33E+00	2.46E+00	2.80E+00	3.17E+00	3.25E+00	3.55E+00	4.10E+00	4.43E+00	3.67E-01	1.24E-01	1.77E+00	5.10E-01	4.80E-01
Pennsylvania	Philadelphia	42101	U	Beryllium Compounds	3.16E-05	3.46E-05	4.28E-05	4.98E-05	5.23E-05	6.12E-05	7.20E-05	8.19E-05	3.79E-06	4.74E-05	0.00E+00	1.10E-06	0.00E+00
Pennsylvania	Philadelphia	42101	U	1,3-Butadiene	9.80E-02	1.12E-01	1.38E-01	1.82E-01	1.88E-01	2.21E-01	2.74E-01	2.98E-01	1.97E-06	4.07E-04	1.55E-01	3.25E-02	0.00E+00
Pennsylvania	Philadelphia	42101	U	Cadmium Compounds	5.79E-04	6.18E-04	7.98E-04	1.24E-03	1.75E-03	2.11E-03	3.38E-03	4.76E-03	4.15E-05	1.70E-03	0.00E+00	1.54E-05	0.00E+00
Pennsylvania	Philadelphia	42101	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.85E-01	1.27E-06	1.94E-03	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Philadelphia	42101	U	Chloroform	9.03E-02	9.08E-02	9.20E-02	9.59E-02	9.92E-02	1.01E-01	1.08E-01	1.16E-01	3.05E-03	1.32E-02	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Philadelphia	42101	U	Chromium Compounds	4.56E-03	5.07E-03	6.42E-03	8.93E-03	1.24E-02	1.42E-02	2.43E-02	2.90E-02	4.20E-04	1.09E-02	1.26E-04	9.31E-04	0.00E+00
Pennsylvania	Philadelphia	42101	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	1,3-Dichloropropene	1.29E-01	1.59E-01	2.04E-01	2.85E-01	2.96E-01	3.72E-01	4.45E-01	4.82E-01	0.00E+00	2.96E-01	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	Diesel Particulate Matter	3.68E+00	3.81E+00	4.02E+00	4.47E+00	4.77E+00	5.02E+00	6.11E+00	6.97E+00	0.00E+00	0.00E+00	1.77E+00	3.00E+00	***
Pennsylvania	Philadelphia	42101	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.89E-07	1.36E-06	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Philadelphia	42101	U	Ethylene Dichloride	9.21E-02	9.73E-02	1.10E-01	1.38E-01	1.92E-01	2.07E-01	3.64E-01	4.94E-01	1.30E-01	8.89E-04	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Philadelphia	42101	U	Ethylene Oxide	7.92E-03	9.09E-03	1.14E-02	1.48E-02	1.73E-02	2.08E-02	2.78E-02	3.34E-02	1.77E-05	1.73E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	Formaldehyde	2.17E+00	2.27E+00	2.46E+00	2.74E+00	2.95E+00	3.01E+00	3.52E+00	4.59E+00	1.34E-02	1.15E-01	1.23E+00	1.34E+00	2.50E-01
Pennsylvania	Philadelphia	42101	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.38E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Philadelphia	42101	U	Hydrazine	7.55E-08	8.19E-08	1.28E-07	2.19E-07	3.58E-07	4.11E-07	7.14E-07	1.22E-06	6.10E-11	3.58E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	Lead Compounds	8.55E-03	9.12E-03	1.09E-02	1.68E-02	2.26E-02	2.84E-02	4.10E-02	5.56E-02	1.94E-04	1.39E-02	1.75E-04	8.37E-03	0.00E+00
Pennsylvania	Philadelphia	42101	U	Manganese Compounds	3.28E-03	3.75E-03	4.77E-03	6.07E-03	6.43E-03	7.62E-03	9.12E-03	1.02E-02	3.17E-04	5.22E-03	5.17E-05	8.33E-04	0.00E+00
Pennsylvania	Philadelphia	42101	U	Mercury Compounds	2.66E-03	2.68E-03	2.76E-03	3.22E-03	4.04E-03	4.07E-03	5.49E-03	7.57E-03	2.40E-04	2.20E-03	1.66E-06	9.12E-05	1.50E-03
Pennsylvania	Philadelphia	42101	U	Methylene Chloride	5.88E-01	6.16E-01	7.03E-01	8.08E-01	8.77E-01	9.85E-01	1.20E+00	1.45E+00	2.28E-02	7.05E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Philadelphia	42101	U	Nickel Compounds	3.73E-03	3.95E-03	4.88E-03	6.84E-03	9.32E-03	1.13E-02	1.67E-02	2.70E-02	6.50E-04	3.94E-03	9.80E-05	4.63E-03	0.00E+00
Pennsylvania	Philadelphia	42101	U	Perchloroethylene	3.37E-01	3.60E-01	4.07E-01	4.62E-01	4.92E-01	5.43E-01	6.23E-01	7.03E-01	1.40E-03	3.51E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Philadelphia	42101	U	Polychlorinated Biphenyls	3.87E-04	3.89E-04	3.92E-04	4.01E-04	4.26E-04	4.21E-04	4.70E-04	5.31E-04	0.00E+00	4.56E-05	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Philadelphia	42101	U	Polycyclic Organic Matter	1.47E-01	1.61E-01	2.02E-01	2.68E-01	2.71E-01	3.22E-01	3.80E-01	4.25E-01	4.14E-02	2.28E-01	8.60E-04	2.55E-04	0.00E+00
Pennsylvania	Philadelphia	42101	U	7-PAH	6.39E-03	7.48E-03	9.10E-03	1.22E-02	1.25E-02	1.51E-02	1.82E-02	1.93E-02	3.84E-06	1.21E-02	3.89E-04	4.91E-05	0.00E+00
Pennsylvania	Philadelphia	42101	U	Propylene Dichloride	5.82E-05	5.90E-05	6.22E-05	6.96E-05	7.83E-05	8.66E-05	1.01E-04	1.18E-04	4.21E-05	3.62E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	Quinoline	8.10E-07	8.34E-07	9.56E-07	1.24E-06	1.61E-06	1.82E-06	2.68E-06	3.89E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	1,1,2,2-Tetrachloroethane	3.15E-04	3.25E-04	3.73E-04	4.08E-04	4.15E-04	4.57E-04	5.01E-04	5.38E-04	3.85E-04	3.00E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Philadelphia	42101	U	Trichloroethylene	2.60E-01	2.70E-01	2.90E-01	3.15E-01	3.37E-01	3.65E-01	4.31E-01	4.75E-01	1.25E-01	1.32E-01	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Philadelphia	42101	U	Vinyl Chloride	6.42E-03	6.55E-03	7.33E-03	1.32E-02	1.11E-02	1.43E-02	1.46E-02	1.50E-02	1.01E-02	9.91E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Acetaldehyde	1.11E-01	1.11E-01	1.35E-01	1.37E-01	1.48E-01	1.63E-01	1.91E-01	1.91E-01	2.08E-07	2.23E-02	8.71E-02	3.90E-02	0.00E+00
Pennsylvania	Pike	42103	U	Acrolein	3.78E-02	3.78E-02	4.01E-02	4.61E-02	4.81E-02	5.58E-02	6.37E-02	6.37E-02	2.18E-05	2.30E-02	1.10E-02	1.40E-02	0.00E+00
Pennsylvania	Pike	42103	U	Acrylonitrile	9.56E-05	9.56E-05	1.59E-04	1.82E-04	1.99E-04	2.42E-04	3.22E-04	3.22E-04	1.41E-04	5.77E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Arsenic Compounds	3.86E-06	3.86E-06	3.46E-06	6.59E-06	6.96E-06	8.19E-06	1.20E-05	1.20E-05	2.39E-07	6.51E-06	2.15E-07	1.21E-09	0.00E+00
Pennsylvania	Pike	42103	U	Benzene	6.79E-01	6.79E-01	7.15E-01	7.72E-01	7.63E-01	7.86E-01	8.94E-01	8.94E-01	2.10E-03	4.43E-02	8.74E-02	1.49E-01	4.80E-01
Pennsylvania	Pike	42103	U	Beryllium Compounds	7.31E-07	7.31E-07	8.06E-07	1.29E-06	1.22E-06	1.37E-06	1.79E-06	1.79E-06	1.25E-08	1.21E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	1,3-Butadiene	1.10E-02	1.10E-02	1.19E-02	1.29E-02	1.67E-02	2.08E-02	3.00E-02	3.00E-02	2.35E-06	6.86E-03	5.95E-03	3.84E-03	0.00E+00
Pennsylvania	Pike	42103	U	Cadmium Compounds	5.19E-06	5.19E-06	6.98E-06	7.85E-06	9.95E-06	9.76E-06	2.43E-05	2.43E-05	3.35E-08	9.92E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.58E-07	6.65E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Pike	42103	U	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.34E-02	9.05E-02	8.36E-02	1.19E-01	1.19E-01	7.08E-03	4.21E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Pike	42103	U	Chromium Compounds	2.54E-05	2.54E-05	2.98E-05	3.89E-05	4.34E-05	5.03E-05	8.02E-05	8.02E-05	1.55E-07	1.79E-05	1.31E-05	1.23E-05	0.00E+00
Pennsylvania	Pike	42103	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	1.99E-04	8.63E-04	5.71E-04	5.83E-03	5.83E-03	8.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	1,3-Dichloropropene	6.33E-03	6.33E-03	6.82E-03	1.17E-02	1.05E-02	1.31E-02	1.36E-02	1.36E-02	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Diesel Particulate Matter	1.37E+00	1.37E+00	1.48E+00	1.54E+00	1.57E+00	1.65E+00	1.83E+00	1.83E+00	0.00E+00	0.00E+00	5.90E-01	9.83E-01	***
Pennsylvania	Pike	42103	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.89E-08	5.39E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Pike	42103	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.71E-05	6.99E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Pike	42103	U	Ethylene Oxide	1.18E-04	1.18E-04	1.19E-04	1.22E-04	1.60E-04	2.10E-04	2.70E-04	2.70E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Formaldehyde	4.40E-01	4.40E-01	4.57E-01	4.62E-01	4.95E-01	5.33E-01	5.97E-01	5.97E-01	1.41E-05	9.61E-02	7.62E-02	7.22E-02	2.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Pennsylvania																	
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
Pennsylvania	Pike	42103	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	6.94E-09	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Pike	42103	U	Hydrazine	4.75E-10	4.75E-10	8.65E-10	1.57E-09	1.73E-09	2.17E-09	4.01E-09	4.01E-09	0.00E+00	1.73E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Lead Compounds	9.46E-05	9.46E-05	1.24E-04	2.99E-04	2.55E-04	3.46E-04	4.93E-04	4.93E-04	2.55E-07	2.06E-04	1.81E-05	3.08E-05	0.00E+00
Pennsylvania	Pike	42103	U	Manganese Compounds	1.24E-04	1.24E-04	1.76E-04	2.07E-04	2.31E-04	2.33E-04	4.40E-04	4.40E-04	3.04E-07	2.12E-04	5.31E-06	1.37E-05	0.00E+00
Pennsylvania	Pike	42103	U	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.55E-03	1.57E-03	1.57E-03	2.18E-07	4.13E-05	1.78E-07	3.54E-06	1.50E-03
Pennsylvania	Pike	42103	U	Methylene Chloride	1.63E-01	1.63E-01	1.72E-01	1.77E-01	1.80E-01	1.83E-01	2.07E-01	2.07E-01	5.55E-03	2.40E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Pike	42103	U	Nickel Compounds	3.06E-05	3.06E-05	4.16E-05	5.30E-05	6.96E-05	1.00E-04	1.39E-04	1.39E-04	9.81E-07	5.27E-05	1.02E-05	5.74E-06	0.00E+00
Pennsylvania	Pike	42103	U	Perchloroethylene	1.45E-01	1.45E-01	1.45E-01	1.48E-01	1.48E-01	1.49E-01	1.52E-01	1.52E-01	2.50E-04	7.44E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Pike	42103	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Pike	42103	U	Polycyclic Organic Matter	7.46E-03	7.46E-03	8.32E-03	1.19E-02	1.14E-02	1.29E-02	1.57E-02	1.57E-02	2.51E-08	1.12E-02	9.34E-05	7.56E-05	0.00E+00
Pennsylvania	Pike	42103	U	7-PAH	7.26E-04	7.26E-04	8.35E-04	9.61E-04	1.03E-03	1.18E-03	1.51E-03	1.51E-03	3.67E-10	9.47E-04	4.16E-05	3.87E-05	0.00E+00
Pennsylvania	Pike	42103	U	Propylene Dichloride	5.70E-06	5.70E-06	9.42E-06	1.10E-05	1.17E-05	1.43E-05	1.87E-05	1.87E-05	8.54E-06	3.17E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Quinoline	1.25E-08	1.25E-08	2.24E-08	3.25E-08	3.81E-08	4.47E-08	8.50E-08	8.50E-08	0.00E+00	3.81E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	1,1,2,2-Tetrachloroethane	4.34E-05	4.34E-05	7.77E-05	8.59E-05	9.76E-05	1.23E-04	1.60E-04	1.60E-04	7.82E-05	1.94E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Pike	42103	U	Trichloroethylene	8.53E-02	8.53E-02	8.71E-02	8.90E-02	8.99E-02	9.06E-02	9.98E-02	9.98E-02	2.36E-03	6.51E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Pike	42103	U	Vinyl Chloride	1.08E-04	1.08E-04	1.93E-04	2.16E-04	2.42E-04	3.04E-04	3.95E-04	3.95E-04	1.93E-04	4.94E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Potter	42105	R	Acetaldehyde	3.05E-02	3.05E-02	3.69E-02	4.51E-02	4.63E-02	5.49E-02	6.39E-02	6.39E-02	9.41E-06	2.01E-02	1.87E-02	7.46E-03	0.00E+00
Pennsylvania	Potter	42105	R	Acrolein	2.09E-02	2.09E-02	2.43E-02	2.59E-02	2.79E-02	3.05E-02	3.76E-02	3.76E-02	4.79E-06	2.44E-02	2.53E-03	9.71E-04	0.00E+00
Pennsylvania	Potter	42105	R	Acrylonitrile	1.03E-05	1.03E-05	1.61E-05	1.62E-05	1.95E-05	2.19E-05	3.28E-05	3.28E-05	3.62E-07	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Potter	42105	R	Arsenic Compounds	4.14E-06	4.14E-06	6.61E-06	7.31E-06	7.70E-06	8.24E-06	1.22E-05	1.22E-05	6.72E-06	9.20E-07	6.52E-08	2.04E-10	0.00E+00
Pennsylvania	Potter	42105	R	Benzene	5.32E-01	5.32E-01	5.45E-01	5.45E-01	5.54E-01	5.66E-01	5.81E-01	5.81E-01	7.98E-05	4.87E-02	1.98E-02	5.36E-03	4.80E-01
Pennsylvania	Potter	42105	R	Beryllium Compounds	3.38E-07	3.38E-07	4.63E-07	6.21E-07	6.31E-07	7.24E-07	1.01E-06	1.01E-06	3.53E-07	2.78E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Potter	42105	R	1,3-Butadiene	5.83E-03	5.83E-03	6.69E-03	8.70E-03	9.30E-03	8.74E-03	1.65E-02	1.65E-02	0.00E+00	7.63E-03	1.37E-03	3.05E-04	0.00E+00
Pennsylvania	Potter	42105	R	Cadmium Compounds	1.16E-06	1.16E-06	1.67E-06	1.89E-06	1.90E-06	1.95E-06	2.82E-06	2.82E-06	8.78E-07	1.02E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Potter	42105	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	6.62E-10	1.05E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Potter	42105	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	3.86E-09	6.48E-05	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Potter	42105	R	Chromium Compounds	1.05E-05	1.05E-05	1.62E-05	1.88E-05	2.51E-05	2.12E-05	5.90E-05	5.90E-05	4.41E-06	1.39E-05	4.00E-06	2.81E-06	0.00E+00
Pennsylvania	Potter	42105	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
Pennsylvania	Potter	42105	R	1,3-Dichloropropene	1.40E-03	1.40E-03	1.50E-03	2.55E-03	2.60E-03	3.61E-03	3.92E-03	3.92E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Potter	42105	R	Diesel Particulate Matter	4.78E-01	4.78E-01	4.84E-01	4.88E-01	4.97E-01	5.11E-01	5.26E-01	5.26E-01	0.00E+00	0.00E+00	2.19E-01	2.79E-01	***
Pennsylvania	Potter	42105	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	2.02E-10	1.52E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Potter	42105	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	8.13E-07	2.56E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Potter	42105	R	Ethylene Oxide	1.78E-05	1.78E-05	2.17E-05	2.54E-05	4.65E-05	6.61E-05	1.02E-04	1.02E-04	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Potter	42105	R	Formaldehyde	3.50E-01	3.50E-01	4.00E-01	4.81E-01	4.42E-01	4.81E-01	4.99E-01	4.99E-01	3.06E-02	1.32E-01	1.67E-02	1.27E-02	2.50E-01
Pennsylvania	Potter	42105	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	1.69E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Potter	42105	R	Hydrazine	6.53E-11	6.53E-11	9.04E-11	3.55E-10	9.48E-10	5.92E-10	3.64E-09	3.64E-09	0.00E+00	9.48E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Potter	42105	R	Lead Compounds	2.77E-05	2.77E-05	3.55E-05	1.10E-04	1.50E-04	1.16E-04	4.62E-04	4.62E-04	7.19E-06	1.33E-04	5.52E-06	4.76E-06	0.00E+00
Pennsylvania	Potter	42105	R	Manganese Compounds	2.55E-05	2.55E-05	2.64E-05	4.05E-05	4.03E-05	5.00E-05	5.91E-05	5.91E-05	9.09E-06	2.65E-05	1.60E-06	3.11E-06	0.00E+00
Pennsylvania	Potter	42105	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	2.36E-06	7.96E-06	5.51E-08	8.10E-07	1.50E-03
Pennsylvania	Potter	42105	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.55E-01	1.57E-01	1.60E-01	1.60E-01	1.16E-05	5.04E-03	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Potter	42105	R	Nickel Compounds	1.36E-05	1.36E-05	2.08E-05	3.44E-05	5.78E-05	8.38E-05	1.36E-04	1.36E-04	2.76E-05	2.58E-05	3.12E-06	1.31E-06	0.00E+00
Pennsylvania	Potter	42105	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.43E-06	1.13E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Potter	42105	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
Pennsylvania	Potter	42105	R	Polycyclic Organic Matter	3.70E-03	3.70E-03	4.58E-03	4.74E-03	5.56E-03	6.64E-03	8.15E-03	8.15E-03	6.69E-06	5.52E-03	2.62E-05	1.97E-06	0.00E+00
Pennsylvania	Potter	42105	R	7-PAH	5.25E-04	5.25E-04	6.07E-04	6.76E-04	7.39E-04	7.96E-04	1.09E-03	1.09E-03	7.14E-09	7.27E-04	1.16		

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Schuylkill	42107	R	Beryllium Compounds	2.48E-06	2.81E-06	3.81E-06	5.03E-06	6.50E-06	8.03E-06	1.21E-05	1.55E-05	3.91E-07	6.11E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	1,3-Butadiene	1.28E-02	1.37E-02	1.46E-02	2.46E-02	3.57E-02	4.50E-02	7.23E-02	9.01E-02	2.23E-06	1.35E-02	1.93E-02	2.94E-03	0.00E+00
Pennsylvania	Schuylkill	42107	R	Cadmium Compounds	1.54E-05	1.82E-05	4.43E-05	3.88E-04	3.46E-04	5.01E-04	6.25E-04	6.93E-04	1.44E-06	3.45E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	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	1.07E-07	1.23E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Schuylkill	42107	R	Chloroform	8.37E-02	8.37E-02	8.39E-02	8.68E-02	8.63E-02	8.79E-02	8.87E-02	8.99E-02	2.37E-03	9.23E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Schuylkill	42107	R	Chromium Compounds	2.15E-04	2.34E-04	3.27E-04	5.69E-04	7.41E-04	8.68E-04	1.42E-03	2.20E-03	8.92E-05	5.76E-04	4.50E-05	3.06E-05	0.00E+00
Pennsylvania	Schuylkill	42107	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	2.69E-03	3.15E-03	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	1,3-Dichloropropene	1.30E-02	1.39E-02	1.55E-02	3.17E-02	4.53E-02	6.24E-02	1.14E-01	1.30E-01	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	Diesel Particulate Matter	1.44E+00	1.48E+00	1.52E+00	1.59E+00	1.64E+00	1.70E+00	1.92E+00	1.99E+00	0.00E+00	0.00E+00	6.93E-01	9.46E-01	***
Pennsylvania	Schuylkill	42107	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	3.26E-08	5.31E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Schuylkill	42107	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.67E-02	6.59E-02	6.92E-02	7.09E-02	7.34E-02	4.83E-03	3.57E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Schuylkill	42107	R	Ethylene Oxide	2.91E-04	3.10E-04	3.96E-04	4.65E-04	8.92E-04	1.45E-03	1.89E-03	2.12E-03	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	Formaldehyde	5.08E-01	5.17E-01	5.33E-01	5.74E-01	6.64E-01	6.94E-01	8.43E-01	9.02E-01	8.46E-03	1.37E-01	1.50E-01	1.18E-01	2.50E-01
Pennsylvania	Schuylkill	42107	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	4.34E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Schuylkill	42107	R	Hydrazine	3.92E-09	9.26E-09	1.96E-08	5.22E-08	1.83E-07	1.84E-07	5.30E-07	9.39E-07	0.00E+00	1.83E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	Lead Compounds	4.69E-04	5.45E-04	8.76E-04	9.96E-04	1.19E-03	1.30E-03	2.01E-03	2.83E-03	1.11E-05	1.10E-03	6.33E-05	1.44E-05	0.00E+00
Pennsylvania	Schuylkill	42107	R	Manganese Compounds	3.05E-04	3.48E-04	3.74E-04	5.40E-04	7.18E-04	9.15E-04	1.44E-03	1.66E-03	3.27E-05	6.33E-04	1.86E-05	3.33E-05	0.00E+00
Pennsylvania	Schuylkill	42107	R	Mercury Compounds	1.57E-03	1.57E-03	1.58E-03	1.59E-03	1.59E-03	1.60E-03	1.62E-03	1.63E-03	5.51E-06	7.78E-05	6.12E-07	8.73E-06	1.50E-03
Pennsylvania	Schuylkill	42107	R	Methylene Chloride	2.38E-01	2.49E-01	2.90E-01	4.14E-01	4.63E-01	5.17E-01	7.86E-01	1.08E+00	9.26E-02	2.21E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Schuylkill	42107	R	Nickel Compounds	2.10E-04	2.17E-04	3.70E-04	5.70E-04	9.03E-04	1.06E-03	2.00E-03	3.18E-03	7.84E-05	7.76E-04	3.49E-05	1.43E-05	0.00E+00
Pennsylvania	Schuylkill	42107	R	Perchloroethylene	1.53E-01	1.55E-01	1.56E-01	1.68E-01	1.77E-01	1.91E-01	2.17E-01	2.29E-01	6.80E-03	2.97E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Schuylkill	42107	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
Pennsylvania	Schuylkill	42107	R	Polycyclic Organic Matter	1.32E-02	1.39E-02	1.51E-02	2.76E-02	3.76E-02	4.83E-02	8.65E-02	9.63E-02	3.89E-07	3.73E-02	3.18E-04	1.66E-05	0.00E+00
Pennsylvania	Schuylkill	42107	R	7-PAH	9.91E-04	1.02E-03	1.16E-03	1.84E-03	2.54E-03	3.05E-03	5.37E-03	5.97E-03	1.72E-08	2.40E-03	1.41E-04	7.67E-06	0.00E+00
Pennsylvania	Schuylkill	42107	R	Propylene Dichloride	8.30E-06	1.05E-05	1.44E-05	1.76E-05	1.86E-05	2.10E-05	2.75E-05	3.25E-05	3.53E-06	1.51E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	Quinoline	8.58E-08	8.92E-08	1.38E-07	2.34E-07	5.55E-07	5.92E-07	1.46E-06	2.47E-06	0.00E+00	5.55E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	1,1,2,2-Tetrachloroethane	5.87E-05	6.24E-05	9.07E-05	1.22E-04	1.15E-04	1.34E-04	1.56E-04	1.76E-04	3.23E-05	8.24E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Schuylkill	42107	R	Trichloroethylene	8.40E-02	8.42E-02	8.53E-02	8.82E-02	9.10E-02	9.40E-02	1.03E-01	1.10E-01	1.17E-03	8.84E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Schuylkill	42107	R	Vinyl Chloride	3.14E-04	3.85E-04	4.34E-04	4.87E-04	5.78E-04	6.54E-04	9.18E-04	1.21E-03	7.96E-05	4.98E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Acetaldehyde	1.51E-01	1.51E-01	1.59E-01	2.11E-01	2.07E-01	2.43E-01	2.60E-01	2.60E-01	6.05E-05	2.41E-02	1.36E-01	4.71E-02	0.00E+00
Pennsylvania	Snyder	42109	R	Acrolein	3.82E-02	3.82E-02	4.06E-02	4.48E-02	4.61E-02	5.33E-02	5.54E-02	5.54E-02	3.07E-05	2.08E-02	1.84E-02	6.85E-03	0.00E+00
Pennsylvania	Snyder	42109	R	Acrylonitrile	6.27E-05	6.27E-05	6.97E-05	7.80E-05	1.04E-04	1.57E-04	1.95E-04	1.95E-04	2.53E-05	7.87E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Arsenic Compounds	2.99E-05	2.99E-05	3.73E-05	7.43E-05	7.46E-05	1.10E-04	1.34E-04	1.34E-04	4.33E-05	3.08E-05	5.27E-07	2.83E-09	0.00E+00
Pennsylvania	Snyder	42109	R	Benzene	6.44E-01	6.44E-01	6.50E-01	6.97E-01	7.17E-01	7.58E-01	8.38E-01	8.38E-01	2.23E-04	3.67E-02	1.66E-01	3.37E-02	4.80E-01
Pennsylvania	Snyder	42109	R	Beryllium Compounds	1.97E-06	1.97E-06	2.31E-06	4.23E-06	4.81E-06	7.57E-06	1.05E-05	1.05E-05	2.27E-06	2.54E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	1,3-Butadiene	1.22E-02	1.22E-02	1.25E-02	1.61E-02	2.03E-02	2.49E-02	3.75E-02	3.75E-02	0.00E+00	4.33E-03	1.38E-02	2.13E-03	0.00E+00
Pennsylvania	Snyder	42109	R	Cadmium Compounds	1.05E-05	1.05E-05	2.40E-04	3.90E-04	3.81E-04	5.23E-04	7.21E-04	7.21E-04	9.39E-06	3.72E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.63E-08	8.37E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Snyder	42109	R	Chloroform	8.34E-02	8.34E-02	8.54E-02	8.63E-02	8.66E-02	8.80E-02	8.96E-02	8.96E-02	3.00E-03	5.76E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Snyder	42109	R	Chromium Compounds	5.95E-05	5.95E-05	6.84E-05	1.45E-04	1.76E-04	3.07E-04	3.34E-04	3.34E-04	8.99E-05	3.17E-05	3.21E-05	2.18E-05	0.00E+00
Pennsylvania	Snyder	42109	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
Pennsylvania	Snyder	42109	R	1,3-Dichloropropene	8.78E-03	8.78E-03	9.32E-03	1.77E-02	2.22E-02	2.93E-02	5.86E-02	5.86E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Diesel Particulate Matter	1.13E+00	1.13E+00	1.22E+00	1.33E+00	1.32E+00	1.46E+00	1.51E+00	1.51E+00	0.00E+00	0.00E+00	5.89E-01	7.34E-01	***
Pennsylvania	Snyder	42109	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	1.41E-08	1.77E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Snyder	42109	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.49E-02	6.65E-02	6.71E-02	6.98E-02	7.30E-02	7.30E-02	6.10E-03	3.38E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Snyder	42109	R	Ethylene Oxide	5.86E-05	5.86E-05	7.84E-05	1.88E-04	1.67E-04	2.15E-04	3.00E-04	3.00E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Formaldehyde	4.77E-01	4.77E-01	4.84E-01	5.42E-01	5.50E-01	5.86E-01	6.55E-01	6.55E-01	1.00E-02	8.10E-02	1.25E-01	8.42E-02	2.50E-01
Pennsylvania	Snyder	42109	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	8.70E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Snyder	42109	R	Hydrazine	1.20E-10	1.20E-10	1.60E-10	2.99E-10	3.34E-10	3.43E-10	8.21E-10	8.21E-10	0.00E+00	3.34E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Lead Compounds	4.37E-04	4.37E-04	5.40E-04	7.54E-04	7.98E-04	1.03E-03	1.17E-03	1.17E-03	1.50E-04	5.96E-04	4.47E-05	7.20E-06	0.00E+00
Pennsylvania	Snyder	42109	R	Manganese Compounds	2.83E-04	2.83E-04	3.13E-04	7.26E-04	7.34E-04	1.16E-03	1.36E-03	1.36E-03	2.49E-04	4.48E-04	1.31E-05	2.41E-05	0.00E+00
Pennsylvania	Snyder	42109	R	Mercury Compounds	1.57E-03	1.57E-03	1.59E-03	1.61E-03	1.60E-03	1.61E-03	1.62E-03	1.62E-03	5.00E-05	4.56E-05	4.40E-07	6.22E-06	1.50E-03
Pennsylvania	Snyder	42109	R	Methylene Chloride	1.69E-01	1.69E-01	1.85E-01	2.10E-01	2.26E-01	2.86E-01	3.20E-01	3.20E-01	3.42E-02	4.20E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Snyder	42109	R	Nickel Compounds	7.72E-05	7.72E-05	8.75E-05	1.87E-04	2.14E-04	4.14E-04	4.36E-04	4.36E-04	6.78E-05	1.11E-04	2.51E-05	1.04E-05	0.00E+00
Pennsylvania	Snyder	42109	R	Perchloroethylene	1.50E-01	1.50E-01	1.50E-01	1.62E-01	1.70E-01	1.77E-01	2.29E-01	2.29E-01	2.30E-03	2.75E-02	0.00E+00	0.00E+00	1.40E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Snyder	42109	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
Pennsylvania	Snyder	42109	R	Polycyclic Organic Matter	9.66E-03	9.66E-03	9.93E-03	1.82E-02	2.06E-02	2.86E-02	4.65E-02	4.65E-02	1.33E-03	1.91E-02	2.30E-04	1.11E-05	0.00E+00
Pennsylvania	Snyder	42109	R	7-PAH	8.49E-04	8.49E-04	9.24E-04	1.13E-03	1.37E-03	1.60E-03	2.63E-03	2.63E-03	1.86E-07	1.26E-03	1.02E-04	5.10E-06	0.00E+00
Pennsylvania	Snyder	42109	R	Propylene Dichloride	3.09E-06	3.09E-06	3.12E-06	3.39E-06	3.38E-06	3.61E-06	3.87E-06	3.87E-06	1.53E-06	1.86E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Quinoline	4.09E-09	4.09E-09	5.66E-09	1.04E-08	1.06E-08	1.29E-08	2.16E-08	2.16E-08	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	1,1,2,2-Tetrachloroethane	1.93E-05	1.93E-05	1.94E-05	2.13E-05	2.17E-05	2.24E-05	2.62E-05	2.62E-05	1.40E-05	7.65E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Snyder	42109	R	Trichloroethylene	8.24E-02	8.24E-02	8.27E-02	8.61E-02	8.73E-02	9.26E-02	9.69E-02	9.69E-02	8.31E-04	5.44E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Snyder	42109	R	Vinyl Chloride	4.87E-05	4.87E-05	4.94E-05	5.28E-05	5.43E-05	5.67E-05	6.58E-05	6.58E-05	3.45E-05	1.99E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	Acetaldehyde	8.13E-02	8.37E-02	8.70E-02	9.35E-02	1.12E-01	1.10E-01	1.57E-01	1.83E-01	1.81E-03	2.79E-02	5.82E-02	2.44E-02	0.00E+00
Pennsylvania	Somerset	42111	R	Acrolein	2.00E-02	2.06E-02	2.13E-02	2.40E-02	3.72E-02	3.51E-02	6.90E-02	8.65E-02	3.25E-05	2.69E-02	6.71E-03	3.55E-03	0.00E+00
Pennsylvania	Somerset	42111	R	Acrylonitrile	2.23E-04	2.62E-04	3.42E-04	3.78E-04	3.84E-04	4.47E-04	4.57E-04	4.94E-04	2.44E-04	1.40E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	Arsenic Compounds	2.01E-06	2.28E-06	5.09E-06	7.44E-06	1.20E-05	1.40E-05	2.25E-05	3.14E-05	5.54E-06	6.40E-06	3.98E-08	8.10E-10	0.00E+00
Pennsylvania	Somerset	42111	R	Benzene	5.67E-01	5.72E-01	5.77E-01	5.83E-01	6.36E-01	6.69E-01	7.31E-01	7.46E-01	6.67E-04	7.11E-02	6.78E-02	1.64E-02	4.80E-01
Pennsylvania	Somerset	42111	R	Beryllium Compounds	5.76E-07	6.00E-07	8.74E-07	1.12E-06	2.12E-06	2.24E-06	4.12E-06	4.30E-06	4.43E-07	1.68E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	1,3-Butadiene	6.52E-03	6.85E-03	7.44E-03	8.36E-03	2.05E-02	1.77E-02	4.54E-02	5.65E-02	0.00E+00	1.41E-02	5.44E-03	1.00E-03	0.00E+00
Pennsylvania	Somerset	42111	R	Cadmium Compounds	2.47E-06	2.49E-06	3.46E-06	4.62E-06	5.86E-06	6.10E-06	8.44E-06	9.84E-06	9.50E-07	4.91E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	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	1.13E-05	4.44E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Somerset	42111	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.35E-02	8.36E-02	8.37E-02	8.38E-02	2.59E-04	2.44E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Somerset	42111	R	Chromium Compounds	1.45E-05	1.55E-05	2.09E-05	2.90E-05	3.33E-05	4.01E-05	5.30E-05	5.75E-05	4.47E-06	1.56E-05	2.54E-06	1.07E-05	0.00E+00
Pennsylvania	Somerset	42111	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
Pennsylvania	Somerset	42111	R	1,3-Dichloropropene	4.20E-03	4.21E-03	4.71E-03	5.86E-03	9.75E-03	8.86E-03	2.50E-02	2.95E-02	0.00E+00	9.75E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	Diesel Particulate Matter	8.24E-01	8.27E-01	8.37E-01	8.52E-01	9.92E-01	9.70E-01	1.03E+00	1.16E+00	0.00E+00	0.00E+00	3.74E-01	6.18E-01	***
Pennsylvania	Somerset	42111	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	1.37E-07	1.49E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Somerset	42111	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.01E-05	2.85E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Somerset	42111	R	Ethylene Oxide	6.86E-05	7.72E-05	9.10E-05	1.17E-04	5.23E-04	3.68E-04	1.13E-03	1.23E-03	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	Formaldehyde	3.71E-01	3.73E-01	3.78E-01	3.89E-01	4.78E-01	4.49E-01	7.18E-01	7.41E-01	1.31E-03	1.34E-01	5.03E-02	4.21E-02	2.50E-01
Pennsylvania	Somerset	42111	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.32E-05	9.34E-05	0.00E+00	1.03E-07	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Somerset	42111	R	Hydrazine	6.69E-10	7.57E-10	8.58E-10	2.57E-09	3.60E-08	1.36E-08	3.01E-08	6.09E-08	0.00E+00	3.60E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	Lead Compounds	6.21E-05	6.29E-05	7.24E-05	1.00E-04	1.33E-04	1.45E-04	1.58E-04	2.35E-04	6.76E-06	8.70E-05	3.46E-06	3.60E-05	0.00E+00
Pennsylvania	Somerset	42111	R	Manganese Compounds	6.51E-05	6.56E-05	7.03E-05	9.72E-05	1.45E-04	1.69E-04	3.18E-04	3.67E-04	7.08E-06	1.25E-04	9.83E-07	1.14E-05	0.00E+00
Pennsylvania	Somerset	42111	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	2.63E-06	2.39E-05	3.47E-08	3.08E-06	1.50E-03
Pennsylvania	Somerset	42111	R	Methylene Chloride	1.60E-01	1.61E-01	1.62E-01	1.67E-01	2.01E-01	1.83E-01	2.29E-01	2.44E-01	3.13E-03	4.78E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Somerset	42111	R	Nickel Compounds	2.45E-05	2.53E-05	5.65E-05	1.13E-04	2.20E-04	1.79E-04	2.34E-04	3.14E-04	7.48E-06	2.05E-04	1.97E-06	4.82E-06	0.00E+00
Pennsylvania	Somerset	42111	R	Perchloroethylene	1.43E-01	1.44E-01	1.44E-01	1.45E-01	1.52E-01	1.47E-01	1.60E-01	1.62E-01	5.13E-04	1.11E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Somerset	42111	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
Pennsylvania	Somerset	42111	R	Polycyclic Organic Matter	5.46E-03	5.46E-03	6.49E-03	7.35E-03	1.26E-02	1.78E-02	2.59E-02	2.61E-02	1.57E-04	1.24E-02	1.86E-05	6.30E-06	0.00E+00
Pennsylvania	Somerset	42111	R	7-PAH	4.97E-04	5.00E-04	5.56E-04	6.08E-04	1.13E-03	1.24E-03	2.35E-03	2.59E-03	5.27E-09	1.12E-03	8.28E-06	2.74E-06	0.00E+00
Pennsylvania	Somerset	42111	R	Propylene Dichloride	1.36E-05	1.93E-05	2.12E-05	2.44E-05	2.36E-05	2.68E-05	2.75E-05	2.96E-05	1.48E-05	8.82E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	Quinoline	6.82E-09	7.36E-09	1.12E-08	1.53E-08	9.78E-08	4.65E-08	9.41E-08	1.59E-07	0.00E+00	9.78E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	1,1,2,2-Tetrachloroethane	1.13E-04	1.17E-04	1.84E-04	2.04E-04	2.05E-04	2.42E-04	2.46E-04	2.68E-04	1.36E-04	6.97E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Somerset	42111	R	Trichloroethylene	8.23E-02	8.23E-02	8.25E-02	8.40E-02	8.94E-02	8.66E-02	9.24E-02	9.55E-02	7.51E-04	7.67E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Somerset	42111	R	Vinyl Chloride	3.39E-04	4.52E-04	4.96E-04	5.58E-04	5.73E-04	6.15E-04	6.68E-04	7.80E-04	3.34E-04	2.39E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Sullivan	42113	R	Acetaldehyde	6.62E-02	6.62E-02	6.62E-02	7.48E-02	7.48E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	2.01E-02	4.30E-02	1.17E-02	0.00E+00
Pennsylvania	Sullivan	42113	R	Acrolein	3.07E-02	3.07E-02	3.07E-02	3.33E-02	3.33E-02	3.59E-02	3.59E-02	3.59E-02	0.00E+00	2.64E-02	5.31E-03	1.54E-03	0.00E+00
Pennsylvania	Sullivan	42113	R	Acrylonitrile	2.93E-05	2.93E-05	2.93E-05	4.32E-05	4.32E-05	5.71E-05	5.71E-05	5.71E-05	2.09E-05	2.23E-05			

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Sullivan	42113	R	Diesel Particulate Matter	8.89E-01	8.89E-01	8.89E-01	9.20E-01	9.20E-01	9.51E-01	9.51E-01	9.51E-01	0.00E+00	0.00E+00	3.76E-01	5.44E-01	***
Pennsylvania	Sullivan	42113	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	1.17E-08	1.18E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Sullivan	42113	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	2.52E-06	2.57E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Sullivan	42113	R	Ethylene Oxide	5.18E-05	5.18E-05	5.18E-05	6.10E-05	6.10E-05	7.02E-05	7.02E-05	7.02E-05	0.00E+00	6.10E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Sullivan	42113	R	Formaldehyde	3.97E-01	3.97E-01	3.97E-01	4.07E-01	4.07E-01	4.18E-01	4.18E-01	4.18E-01	1.91E-04	1.03E-01	3.45E-02	1.94E-02	2.50E-01
Pennsylvania	Sullivan	42113	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
Pennsylvania	Sullivan	42113	R	Hydrazine	8.04E-11	8.04E-11	8.04E-11	9.59E-11	9.59E-11	1.11E-10	1.11E-10	1.11E-10	0.00E+00	9.59E-11	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Sullivan	42113	R	Lead Compounds	2.77E-05	2.77E-05	2.77E-05	2.97E-05	2.97E-05	3.16E-05	3.16E-05	3.16E-05	0.00E+00	2.43E-05	5.38E-06	1.64E-08	0.00E+00
Pennsylvania	Sullivan	42113	R	Manganese Compounds	1.38E-04	1.38E-04	1.38E-04	1.56E-04	1.56E-04	1.74E-04	1.74E-04	1.74E-04	1.12E-05	1.39E-04	1.55E-06	4.31E-06	0.00E+00
Pennsylvania	Sullivan	42113	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	5.76E-09	1.71E-05	5.36E-08	1.14E-06	1.50E-03
Pennsylvania	Sullivan	42113	R	Methylene Chloride	2.04E-01	2.04E-01	2.04E-01	2.16E-01	2.16E-01	2.28E-01	2.28E-01	2.28E-01	5.92E-02	6.69E-03	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Sullivan	42113	R	Nickel Compounds	3.82E-05	3.82E-05	3.82E-05	4.06E-05	4.06E-05	4.30E-05	4.30E-05	4.30E-05	1.08E-05	2.50E-05	3.06E-06	1.74E-06	0.00E+00
Pennsylvania	Sullivan	42113	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	3.69E-05	1.77E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Sullivan	42113	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
Pennsylvania	Sullivan	42113	R	Polycyclic Organic Matter	6.01E-03	6.01E-03	6.01E-03	6.54E-03	6.54E-03	7.07E-03	7.07E-03	7.07E-03	3.17E-04	6.19E-03	2.87E-05	3.15E-06	0.00E+00
Pennsylvania	Sullivan	42113	R	7-PAH	6.73E-04	6.73E-04	6.73E-04	7.47E-04	7.47E-04	8.20E-04	8.20E-04	8.20E-04	0.00E+00	7.32E-04	1.27E-05	1.52E-06	0.00E+00
Pennsylvania	Sullivan	42113	R	Propylene Dichloride	1.57E-06	1.57E-06	1.57E-06	2.43E-06	2.43E-06	3.29E-06	3.29E-06	3.29E-06	1.26E-06	1.17E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Sullivan	42113	R	Quinoline	3.33E-09	3.33E-09	3.33E-09	3.58E-09	3.58E-09	3.83E-09	3.83E-09	3.83E-09	0.00E+00	3.58E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Sullivan	42113	R	1,1,2,2-Tetrachloroethane	1.20E-05	1.20E-05	1.20E-05	1.99E-05	1.99E-05	2.77E-05	2.77E-05	2.77E-05	1.16E-05	8.28E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Sullivan	42113	R	Trichloroethylene	8.18E-02	8.18E-02	8.18E-02	8.23E-02	8.23E-02	8.28E-02	8.28E-02	8.28E-02	4.19E-04	8.66E-04	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Sullivan	42113	R	Vinyl Chloride	2.98E-05	2.98E-05	2.98E-05	4.91E-05	4.91E-05	6.84E-05	6.84E-05	6.84E-05	2.85E-05	2.06E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Susquehanna	42115	R	Acetaldehyde	1.08E-01	1.16E-01	1.25E-01	1.33E-01	1.39E-01	1.45E-01	1.78E-01	1.94E-01	2.11E-06	2.12E-02	9.36E-02	2.41E-02	0.00E+00
Pennsylvania	Susquehanna	42115	R	Acrolein	3.20E-02	3.27E-02	3.44E-02	3.70E-02	3.78E-02	4.18E-02	4.46E-02	4.58E-02	1.08E-06	2.32E-02	1.11E-02	3.49E-03	0.00E+00
Pennsylvania	Susquehanna	42115	R	Acrylonitrile	9.10E-05	9.66E-05	1.05E-04	1.48E-04	2.10E-04	1.64E-04	5.29E-04	7.33E-04	1.43E-04	6.70E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Susquehanna	42115	R	Arsenic Compounds	3.17E-06	3.56E-06	4.70E-06	5.78E-06	5.83E-06	7.48E-06	8.23E-06	8.79E-06	1.81E-06	3.85E-06	1.62E-07	7.93E-10	0.00E+00
Pennsylvania	Susquehanna	42115	R	Benzene	6.13E-01	6.13E-01	6.15E-01	6.25E-01	6.31E-01	6.43E-01	6.63E-01	6.82E-01	4.46E-04	4.65E-02	8.44E-02	1.96E-02	4.80E-01
Pennsylvania	Susquehanna	42115	R	Beryllium Compounds	7.03E-07	7.47E-07	8.23E-07	9.78E-07	9.98E-07	1.12E-06	1.32E-06	1.37E-06	8.81E-08	9.10E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Susquehanna	42115	R	1,3-Butadiene	8.29E-03	8.64E-03	9.47E-03	1.10E-02	1.09E-02	1.20E-02	1.30E-02	1.33E-02	0.00E+00	5.00E-03	4.91E-03	9.48E-04	0.00E+00
Pennsylvania	Susquehanna	42115	R	Cadmium Compounds	3.43E-06	3.49E-06	4.19E-06	5.32E-06	5.60E-06	5.96E-06	9.16E-06	1.18E-05	2.54E-07	5.35E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Susquehanna	42115	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	1.03E-06	4.70E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Susquehanna	42115	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	1.64E-06	3.13E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Susquehanna	42115	R	Chromium Compounds	3.07E-05	3.36E-05	4.89E-05	5.85E-05	6.84E-05	7.76E-05	1.25E-04	1.43E-04	1.18E-05	3.76E-05	1.04E-05	8.70E-06	0.00E+00
Pennsylvania	Susquehanna	42115	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
Pennsylvania	Susquehanna	42115	R	1,3-Dichloropropene	6.36E-03	6.49E-03	6.95E-03	8.41E-03	8.54E-03	9.91E-03	1.11E-02	1.21E-02	0.00E+00	8.54E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Susquehanna	42115	R	Diesel Particulate Matter	9.10E-01	9.13E-01	9.38E-01	9.78E-01	9.85E-01	1.02E+00	1.08E+00	1.13E+00	0.00E+00	0.00E+00	4.12E-01	5.73E-01	***
Pennsylvania	Susquehanna	42115	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	8.02E-08	6.60E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Susquehanna	42115	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.75E-05	1.08E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Susquehanna	42115	R	Ethylene Oxide	4.76E-05	4.98E-05	5.36E-05	9.36E-05	1.08E-04	1.21E-04	2.16E-04	2.70E-04	8.96E-08	1.08E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Susquehanna	42115	R	Formaldehyde	4.27E-01	4.29E-01	4.36E-01	4.54E-01	4.57E-01	4.75E-01	4.97E-01	5.00E-01	5.07E-03	8.90E-02	7.25E-02	4.04E-02	2.50E-01
Pennsylvania	Susquehanna	42115	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	9.39E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Susquehanna	42115	R	Hydrazine	8.77E-10	8.78E-10	1.42E-09	2.33E-09	2.55E-09	3.63E-09	4.49E-09	4.62E-09	6.26E-11	2.49E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Susquehanna	42115	R	Lead Compounds	8.50E-05	8.92E-05	1.09E-04	1.22E-04	1.69E-04	1.60E-04	3.65E-04	5.29E-04	1.79E-06	1.09E-04	1.43E-05	4.40E-05	0.00E+00
Pennsylvania	Susquehanna	42115	R	Manganese Compounds	1.35E-04	1.40E-04	1.45E-04	2.20E-04	2.05E-04	2.46E-04	2.54E-04	2.61E-04	2.09E-06	1.89E-04	4.13E-06	9.70E-06	0.00E+00
Pennsylvania	Susquehanna	42115	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.33E-06	3.37E-05	1.40E-07	2.52E-06	1.50E-03
Pennsylvania	Susquehanna	42115	R	Methylene Chloride	1.65E-01	1.66E-01	1.68E-01	1.80E-01	2.08E								

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Tioga	42117	R	Acetaldehyde	5.42E-02	5.61E-02	6.27E-02	8.70E-02	8.66E-02	1.07E-01	1.17E-01	1.27E-01	6.94E-06	2.21E-02	4.60E-02	1.86E-02	0.00E+00
Pennsylvania	Tioga	42117	R	Acrolein	2.26E-02	2.38E-02	2.93E-02	3.14E-02	3.44E-02	3.82E-02	5.15E-02	6.27E-02	3.53E-06	2.57E-02	6.07E-03	2.59E-03	0.00E+00
Pennsylvania	Tioga	42117	R	Acrylonitrile	3.18E-05	3.62E-05	4.39E-05	6.46E-05	8.43E-05	8.94E-05	1.93E-04	2.67E-04	2.28E-05	6.15E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	Arsenic Compounds	1.80E-06	2.47E-06	3.68E-06	8.35E-06	9.38E-06	1.15E-05	1.97E-05	2.21E-05	5.97E-06	3.25E-06	1.63E-07	5.28E-10	0.00E+00
Pennsylvania	Tioga	42117	R	Benzene	5.56E-01	5.58E-01	5.66E-01	5.96E-01	6.08E-01	6.48E-01	6.88E-01	7.23E-01	7.65E-05	5.98E-02	5.57E-02	1.27E-02	4.80E-01
Pennsylvania	Tioga	42117	R	Beryllium Compounds	2.99E-07	3.49E-07	6.62E-07	1.30E-06	1.20E-06	1.56E-06	2.04E-06	2.49E-06	2.87E-07	9.13E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	1,3-Butadiene	5.98E-03	6.99E-03	8.06E-03	1.07E-02	1.40E-02	1.75E-02	2.71E-02	3.67E-02	0.00E+00	8.34E-03	4.75E-03	8.76E-04	0.00E+00
Pennsylvania	Tioga	42117	R	Cadmium Compounds	1.45E-06	2.24E-06	3.89E-06	5.68E-06	5.64E-06	6.77E-06	9.15E-06	9.18E-06	2.26E-06	3.38E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	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	9.76E-07	2.48E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Tioga	42117	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	5.90E-07	1.94E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Tioga	42117	R	Chromium Compounds	1.17E-05	1.46E-05	2.22E-05	4.62E-05	4.49E-05	5.88E-05	7.97E-05	9.67E-05	3.69E-06	2.31E-05	9.86E-06	8.23E-06	0.00E+00
Pennsylvania	Tioga	42117	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
Pennsylvania	Tioga	42117	R	1,3-Dichloropropene	2.93E-03	2.99E-03	4.50E-03	7.09E-03	8.00E-03	1.18E-02	1.52E-02	1.86E-02	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	Diesel Particulate Matter	5.24E-01	5.44E-01	5.81E-01	6.66E-01	6.65E-01	7.64E-01	7.71E-01	7.74E-01	0.00E+00	0.00E+00	2.95E-01	3.70E-01	***
Pennsylvania	Tioga	42117	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	1.28E-08	3.14E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Tioga	42117	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	3.30E-06	1.13E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Tioga	42117	R	Ethylene Oxide	2.04E-05	2.57E-05	3.47E-05	4.58E-05	1.02E-04	2.29E-04	2.62E-04	2.89E-04	3.10E-07	1.02E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	Formaldehyde	4.34E-01	4.67E-01	5.35E-01	6.74E-01	7.27E-01	8.86E-01	1.10E+00	1.15E+00	2.87E-01	1.15E-01	4.26E-02	3.30E-02	2.50E-01
Pennsylvania	Tioga	42117	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
Pennsylvania	Tioga	42117	R	Hydrazine	3.30E-12	3.80E-12	4.60E-12	4.18E-11	2.64E-10	7.12E-11	1.21E-09	1.71E-09	1.29E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	Lead Compounds	5.81E-05	1.40E-04	4.71E-04	6.87E-04	9.14E-04	1.39E-03	1.91E-03	2.38E-03	1.06E-04	7.83E-04	1.37E-05	1.10E-05	0.00E+00
Pennsylvania	Tioga	42117	R	Manganese Compounds	4.32E-05	4.46E-05	8.15E-05	1.10E-04	1.23E-04	1.72E-04	2.10E-04	2.27E-04	6.35E-06	1.04E-04	4.02E-06	9.01E-06	0.00E+00
Pennsylvania	Tioga	42117	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.49E-06	1.94E-05	1.36E-07	2.34E-06	1.50E-03
Pennsylvania	Tioga	42117	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.62E-01	1.71E-01	1.79E-01	2.07E-01	2.07E-01	3.14E-03	1.78E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Tioga	42117	R	Nickel Compounds	2.34E-05	5.31E-05	9.97E-05	1.65E-04	1.78E-04	2.07E-04	3.57E-04	4.22E-04	3.37E-06	1.63E-04	7.68E-06	3.87E-06	0.00E+00
Pennsylvania	Tioga	42117	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.45E-01	1.48E-01	1.51E-01	1.54E-01	4.22E-05	5.11E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Tioga	42117	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
Pennsylvania	Tioga	42117	R	Polycyclic Organic Matter	5.75E-03	5.83E-03	5.97E-03	8.42E-03	1.02E-02	1.41E-02	1.89E-02	2.34E-02	2.49E-07	1.02E-02	6.80E-05	4.35E-06	0.00E+00
Pennsylvania	Tioga	42117	R	7-PAH	5.69E-04	6.11E-04	7.54E-04	7.83E-04	9.67E-04	1.16E-03	1.66E-03	2.11E-03	5.07E-09	9.35E-04	3.03E-05	1.96E-06	0.00E+00
Pennsylvania	Tioga	42117	R	Propylene Dichloride	1.74E-06	1.98E-06	2.47E-06	3.65E-06	4.84E-06	5.09E-06	1.13E-05	1.57E-05	1.38E-06	3.46E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	Quinoline	9.51E-11	9.71E-11	1.13E-10	1.58E-09	2.48E-09	2.66E-09	8.35E-09	1.39E-08	0.00E+00	2.48E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	1,1,2,2-Tetrachloroethane	1.43E-05	1.64E-05	2.09E-05	3.10E-05	4.15E-05	4.33E-05	9.88E-05	1.38E-04	1.27E-05	2.89E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Tioga	42117	R	Trichloroethylene	8.19E-02	8.19E-02	8.20E-02	8.30E-02	8.37E-02	8.49E-02	8.69E-02	8.88E-02	2.86E-05	2.65E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Tioga	42117	R	Vinyl Chloride	3.53E-05	4.03E-05	5.19E-05	7.66E-05	1.03E-04	1.08E-04	2.44E-04	3.40E-04	3.12E-05	7.15E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Union	42119	R	Acetaldehyde	1.55E-01	1.55E-01	1.71E-01	1.99E-01	2.38E-01	3.50E-01	3.79E-01	3.79E-01	1.09E-04	3.06E-02	1.28E-01	7.97E-02	0.00E+00
Pennsylvania	Union	42119	R	Acrolein	3.89E-02	3.89E-02	4.23E-02	5.15E-02	5.92E-02	7.88E-02	1.05E-01	1.05E-01	5.53E-05	2.96E-02	1.79E-02	1.17E-02	0.00E+00
Pennsylvania	Union	42119	R	Acrylonitrile	9.13E-05	9.13E-05	1.34E-04	1.93E-04	1.86E-04	2.34E-04	2.87E-04	2.87E-04	4.16E-05	1.45E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Union	42119	R	Arsenic Compounds	4.97E-05	4.97E-05	9.24E-05	1.27E-04	1.33E-04	1.81E-04	2.09E-04	2.09E-04	7.52E-05	5.69E-05	6.71E-07	2.54E-09	0.00E+00
Pennsylvania	Union	42119	R	Benzene	6.49E-01	6.49E-01	6.56E-01	6.83E-01	7.62E-01	9.38E-01	9.69E-01	9.69E-01	3.76E-04	5.53E-02	1.85E-01	4.08E-02	4.80E-01
Pennsylvania	Union	42119	R	Beryllium Compounds	3.40E-06	3.40E-06	3.88E-06	7.31E-06	7.90E-06	9.32E-06	1.85E-05	1.85E-05	3.92E-06	3.98E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Union	42119	R	1,3-Butadiene	1.11E-02	1.11E-02	1.24E-02	1.70E-02	2.93E-02	5.56E-02	6.69E-02	6.69E-02	0.00E+00	8.24E-03	1.80E-02	3.01E-03	0.00E+00
Pennsylvania	Union	42119	R	Cadmium Compounds	1.22E-04	1.22E-04	5.39E-04	8.33E-04	7.40E-04	1.01E-03	1.07E-03	1.07E-03	1.12E-05	7.29E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Union	42119	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	7.63E-08	7.51E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Union	42119	R	Chloroform	8.47E-02	8.47E-02	8.86E-02	9.04E-02	9.16E-02	9.77E-02	9.84E-02	9.84E-02	7.97E-03	6.58E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Union	42119	R	Chromium Compounds	1.66E-04	1.66E-04	1.72E-04	3.25E-04	3.12E-04	3.49E-04	5.07E-04	5.07E-04	1.67E-04	6.20E-05	4.08E-05		

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Union	42119	R	Manganese Compounds	6.22E-04	6.22E-04	7.94E-04	1.37E-03	1.39E-03	1.88E-03	2.72E-03	2.72E-03	5.22E-04	8.04E-04	1.69E-05	4.44E-05	0.00E+00
Pennsylvania	Union	42119	R	Mercury Compounds	1.60E-03	1.60E-03	1.61E-03	1.62E-03	1.63E-03	1.67E-03	1.70E-03	1.70E-03	3.58E-05	8.59E-05	5.65E-07	1.21E-05	1.50E-03
Pennsylvania	Union	42119	R	Methylene Chloride	2.18E-01	2.18E-01	2.33E-01	2.98E-01	3.19E-01	3.78E-01	4.97E-01	4.97E-01	1.03E-01	6.55E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Union	42119	R	Nickel Compounds	1.45E-04	1.45E-04	1.59E-04	3.13E-04	3.68E-04	4.20E-04	8.91E-04	8.91E-04	1.32E-04	1.85E-04	3.17E-05	1.89E-05	0.00E+00
Pennsylvania	Union	42119	R	Perchloroethylene	1.46E-01	1.46E-01	1.50E-01	1.55E-01	1.63E-01	1.73E-01	2.07E-01	2.07E-01	5.92E-04	2.20E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Union	42119	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
Pennsylvania	Union	42119	R	Polycyclic Organic Matter	1.32E-02	1.32E-02	1.59E-02	2.20E-02	3.51E-02	5.66E-02	8.53E-02	8.53E-02	3.21E-03	3.16E-02	2.88E-04	1.26E-05	0.00E+00
Pennsylvania	Union	42119	R	7-PAH	1.02E-03	1.02E-03	1.03E-03	1.30E-03	2.13E-03	3.91E-03	4.58E-03	4.58E-03	1.37E-07	2.00E-03	1.28E-04	5.28E-06	0.00E+00
Pennsylvania	Union	42119	R	Propylene Dichloride	3.99E-06	3.99E-06	4.00E-06	4.22E-06	4.91E-06	5.86E-06	7.83E-06	7.83E-06	2.52E-06	2.39E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Union	42119	R	Quinoline	1.36E-08	1.36E-08	1.63E-08	2.26E-08	2.35E-08	2.70E-08	4.43E-08	4.43E-08	0.00E+00	2.35E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Union	42119	R	1,1,2,2-Tetrachloroethane	2.55E-05	2.55E-05	2.65E-05	2.88E-05	3.52E-05	4.52E-05	6.11E-05	6.11E-05	2.31E-05	1.21E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Union	42119	R	Trichloroethylene	8.47E-02	8.47E-02	8.63E-02	8.89E-02	9.31E-02	9.72E-02	1.14E-01	1.14E-01	2.82E-03	9.23E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Union	42119	R	Vinyl Chloride	6.39E-05	6.39E-05	6.63E-05	7.17E-05	8.76E-05	1.12E-04	1.52E-04	1.52E-04	5.69E-05	3.08E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	Acetaldehyde	5.39E-02	7.05E-02	9.89E-02	1.17E-01	1.22E-01	1.50E-01	1.78E-01	1.91E-01	1.16E-05	3.08E-02	6.66E-02	2.49E-02	0.00E+00
Pennsylvania	Venango	42121	R	Acrolein	2.12E-02	2.44E-02	2.78E-02	3.90E-02	4.50E-02	5.88E-02	7.48E-02	8.39E-02	5.92E-06	3.13E-02	9.46E-03	4.25E-03	0.00E+00
Pennsylvania	Venango	42121	R	Acrylonitrile	2.45E-05	3.18E-05	4.45E-05	6.11E-05	5.75E-05	6.54E-05	8.44E-05	9.32E-05	7.22E-07	5.67E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	Arsenic Compounds	5.50E-06	1.05E-05	1.13E-05	1.77E-05	1.82E-05	2.60E-05	3.16E-05	3.33E-05	8.35E-06	9.45E-06	4.19E-07	2.11E-09	0.00E+00
Pennsylvania	Venango	42121	R	Benzene	5.61E-01	5.85E-01	5.93E-01	6.52E-01	7.00E-01	8.08E-01	8.73E-01	8.74E-01	4.84E-03	8.33E-02	1.13E-01	1.94E-02	4.80E-01
Pennsylvania	Venango	42121	R	Beryllium Compounds	6.66E-07	1.08E-06	1.93E-06	2.07E-06	3.40E-06	5.41E-06	6.68E-06	9.11E-06	4.36E-07	2.96E-06	0.00E+00	2.65E-12	0.00E+00
Pennsylvania	Venango	42121	R	1,3-Butadiene	7.39E-03	7.57E-03	8.55E-03	2.07E-02	2.81E-02	5.09E-02	5.35E-02	6.60E-02	0.00E+00	1.41E-02	1.23E-02	1.65E-03	0.00E+00
Pennsylvania	Venango	42121	R	Cadmium Compounds	3.28E-06	4.37E-06	6.65E-06	1.01E-05	1.63E-05	1.34E-05	1.70E-05	1.20E-04	1.08E-06	1.52E-05	0.00E+00	3.68E-11	0.00E+00
Pennsylvania	Venango	42121	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	1.32E-09	4.12E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Venango	42121	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.36E-02	8.37E-02	7.70E-09	3.99E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Venango	42121	R	Chromium Compounds	2.36E-04	3.18E-04	5.43E-04	6.76E-04	1.26E-03	1.91E-03	2.77E-03	4.24E-03	1.75E-05	1.20E-03	2.68E-05	1.13E-05	0.00E+00
Pennsylvania	Venango	42121	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
Pennsylvania	Venango	42121	R	1,3-Dichloropropene	3.86E-03	5.00E-03	6.59E-03	1.48E-02	2.84E-02	4.76E-02	6.06E-02	9.20E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	Diesel Particulate Matter	6.36E-01	6.94E-01	7.88E-01	8.35E-01	8.57E-01	9.64E-01	1.03E+00	1.10E+00	0.00E+00	0.00E+00	3.59E-01	4.98E-01	***
Pennsylvania	Venango	42121	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	4.04E-10	1.58E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Venango	42121	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.03E-06	1.32E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Venango	42121	R	Ethylene Oxide	6.98E-05	8.24E-05	1.08E-04	1.96E-04	4.44E-04	9.30E-04	1.15E-03	1.21E-03	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	Formaldehyde	3.62E-01	3.74E-01	4.03E-01	4.65E-01	5.14E-01	6.11E-01	6.96E-01	7.67E-01	1.19E-05	1.51E-01	6.75E-02	4.55E-02	2.50E-01
Pennsylvania	Venango	42121	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.33E-05	0.00E+00	4.62E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Venango	42121	R	Hydrazine	2.00E-09	2.08E-09	8.96E-09	1.87E-08	5.36E-08	8.96E-08	1.41E-07	2.27E-07	0.00E+00	5.36E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	Lead Compounds	8.87E-05	1.09E-04	1.73E-04	3.66E-04	4.60E-04	5.86E-04	9.86E-04	1.76E-03	8.84E-06	1.60E-04	3.78E-05	2.54E-04	0.00E+00
Pennsylvania	Venango	42121	R	Manganese Compounds	2.28E-04	3.03E-04	4.06E-04	6.89E-04	9.93E-04	1.54E-03	2.46E-03	2.70E-03	1.53E-05	9.54E-04	1.11E-05	1.25E-05	0.00E+00
Pennsylvania	Venango	42121	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	2.29E-06	4.83E-05	3.66E-07	3.19E-06	1.50E-03
Pennsylvania	Venango	42121	R	Methylene Chloride	1.62E-01	1.64E-01	1.70E-01	2.02E-01	2.07E-01	2.34E-01	2.81E-01	2.82E-01	7.02E-03	5.02E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Venango	42121	R	Nickel Compounds	3.76E-04	4.93E-04	8.48E-04	1.25E-03	2.56E-03	4.07E-03	5.96E-03	9.30E-03	7.00E-06	2.52E-03	2.08E-05	5.46E-06	0.00E+00
Pennsylvania	Venango	42121	R	Perchloroethylene	1.43E-01	1.44E-01	1.45E-01	1.49E-01	1.58E-01	1.70E-01	1.79E-01	1.90E-01	5.12E-05	1.76E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Venango	42121	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
Pennsylvania	Venango	42121	R	Polycyclic Organic Matter	5.56E-03	6.12E-03	8.19E-03	1.51E-02	2.53E-02	4.16E-02	5.15E-02	6.96E-02	5.66E-04	2.45E-02	1.89E-04	9.18E-06	0.00E+00
Pennsylvania	Venango	42121	R	7-PAH	5.48E-04	5.88E-04	6.79E-04	1.25E-03	1.87E-03	3.10E-03	3.94E-03	4.35E-03	8.65E-09	1.78E-03	8.40E-05	3.02E-06	0.00E+00
Pennsylvania	Venango	42121	R	Propylene Dichloride	1.65E-06	1.79E-06	2.79E-06	4.27E-06	4.13E-06	5.52E-06	5.89E-06	7.48E-06	4.37E-08	4.09E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	Quinoline	2.96E-08	3.63E-08	6.15E-08	8.45E-08	1.71E-07	2.69E-07	3.93E-07	6.17E-07	0.00E+00	1.71E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	1,1,2,2-Tetrachloroethane	6.86E-06	1.05E-05	1.58E-05	1.69E-05	1.92E-05	2.03E-05	3.56E-05	4.27E-05	4.01E-07	1.88E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Venango	42121	R	Trichloroethylene	8.22E-02	8.27E-02	8.37E-02	8.95E-02	8.92E-02	9.45E-02	9.65E-02	9.91E-02	2.43E-03	5.78E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Venango	42121	R	Vinyl Chloride	1.90E-05	2.69E-05	4.18E-05	5.14E-05	5.24E-05	5.61E-05	8.99E-05	1.06E-04	9.86E-07	5.14E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Acetaldehyde	4.22E-02	4.29E-02	4.83E-02	6.12E-02	7.35E-02	8.11E-02	1.25E-01	1.53E-01	1.90E-04	2.53E-02	3.56E-02	1.25E-02	0.00E+00
Pennsylvania	Warren	42123	R	Acrolein	1.75E-02	1.97E-02	2.20E-02	2.47E-02	3.24E-02	3.51E-02	6.21E-02	6.44E-02	3.90E-06	2.56E-02	5.06E-03	1.78E-03	0.00E+00
Pennsylvania	Warren	42123	R	Acrylonitrile	2.68E-05	3.28E-05	3.76E-05	4.38E-05	4.44E-05	4.88E-05	6.22E-05	6.35E-05	8.40E-06	3.60E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Arsenic Compounds	4.76E-06	5.28E-06	1.33E-05	3.79E-05	1.04E-04	7.35E-05	2.13E-04	7.73E-04	9.80E-05	5.44E-06	2.03E-07	1.80E-09	0.00E+00
Pennsylvania	Warren	42123	R	Benzene	5.55E-01	5.63E-01	5.75E-01	5.91E-01	6.81E-01	6.57E-01	8.71E-01	1.25E+00	5.28E-02	7.41E-02	6.16E-02	1.25E-02	4.80E-01
Pennsylvania	Warren	42123	R	Beryllium Compounds	4.14E-07	5.37E-07	9.98E-07	2.78E-06	7.25E-06	6.99E-06	1.56E-05	4.86E-05	5.79E-06	1.46E-06	0.00E+00	8.74E-12	0.00E+00
Pennsylvania	Warren	42123	R	1,3-Butadiene	5.46E-03	5.47E-03	7.00E-03	9.50E-03	1.78E-02	1.67E-02	5.00E-02	5.18E-02	1.01E-02	6.84E-03	8.63E-04	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Cadmium Compounds	6.62E-06	9.24E-06	1.57E-05	5.41E-05	1.61E-04	9.93E-05	3.34E-04	1.26E-03	1.55E-04	5.92E-06	0.00E+00	1.22E-10	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Warren	42123	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	1.54E-08	2.23E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Warren	42123	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.34E-02	8.35E-02	8.95E-08	2.06E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Warren	42123	R	Chromium Compounds	3.27E-04	4.32E-04	5.28E-04	7.75E-04	1.82E-03	1.51E-03	4.27E-03	1.10E-02	8.61E-04	9.42E-04	1.30E-05	4.74E-06	0.00E+00
Pennsylvania	Warren	42123	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.70E-04	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	1,3-Dichloropropene	1.69E-03	2.25E-03	2.65E-03	4.90E-03	1.24E-02	1.06E-02	3.88E-02	4.73E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Diesel Particulate Matter	5.14E-01	5.36E-01	5.53E-01	5.75E-01	6.12E-01	6.02E-01	7.67E-01	8.17E-01	0.00E+00	0.00E+00	2.58E-01	3.54E-01	***
Pennsylvania	Warren	42123	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	4.70E-09	3.01E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Warren	42123	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.62E-06	5.11E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Warren	42123	R	Ethylene Oxide	3.48E-05	3.64E-05	5.68E-05	1.24E-04	4.82E-04	2.71E-04	6.82E-04	4.22E-03	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Formaldehyde	3.50E-01	3.53E-01	3.60E-01	3.90E-01	4.65E-01	4.53E-01	7.52E-01	8.63E-01	2.82E-03	1.55E-01	3.68E-02	1.97E-02	2.50E-01
Pennsylvania	Warren	42123	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	1.11E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Warren	42123	R	Hydrazine	5.05E-10	5.40E-10	6.29E-10	1.22E-09	2.40E-09	1.82E-09	6.91E-09	1.23E-08	0.00E+00	2.40E-09	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Lead Compounds	7.64E-05	1.38E-04	2.52E-04	3.54E-04	6.75E-04	6.18E-04	1.23E-03	3.92E-03	4.73E-04	1.59E-04	1.83E-05	2.54E-05	0.00E+00
Pennsylvania	Warren	42123	R	Manganese Compounds	4.30E-04	4.40E-04	6.36E-04	1.19E-03	2.83E-03	2.17E-03	7.29E-03	1.71E-02	1.09E-03	1.73E-03	5.34E-06	5.39E-06	0.00E+00
Pennsylvania	Warren	42123	R	Mercury Compounds	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.57E-03	1.58E-03	1.63E-03	1.84E-03	3.82E-05	3.40E-05	1.76E-07	1.32E-06	1.50E-03
Pennsylvania	Warren	42123	R	Methylene Chloride	1.56E-01	1.93E-01	2.06E-01	2.26E-01	2.38E-01	2.63E-01	3.23E-01	3.31E-01	6.26E-02	2.52E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Warren	42123	R	Nickel Compounds	2.78E-04	4.60E-04	4.64E-04	1.10E-03	2.96E-03	2.13E-03	6.43E-03	2.16E-02	2.36E-03	5.85E-04	1.01E-05	2.43E-06	0.00E+00
Pennsylvania	Warren	42123	R	Perchloroethylene	1.42E-01	1.43E-01	1.46E-01	1.51E-01	1.57E-01	1.61E-01	1.75E-01	1.98E-01	6.75E-03	1.04E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Warren	42123	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
Pennsylvania	Warren	42123	R	Polycyclic Organic Matter	4.37E-03	4.56E-03	4.88E-03	7.90E-03	1.89E-02	1.47E-02	4.49E-02	9.06E-02	6.22E-03	1.26E-02	8.99E-05	4.90E-06	0.00E+00
Pennsylvania	Warren	42123	R	7-PAH	4.43E-04	4.55E-04	5.30E-04	6.52E-04	1.14E-03	1.10E-03	2.98E-03	3.08E-03	5.60E-09	1.09E-03	3.99E-05	2.27E-06	0.00E+00
Pennsylvania	Warren	42123	R	Propylene Dichloride	1.43E-06	1.90E-06	2.05E-06	2.54E-06	2.56E-06	2.85E-06	3.68E-06	3.79E-06	5.08E-07	2.05E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Quinoline	8.97E-09	9.19E-09	1.13E-08	1.47E-08	1.72E-08	2.03E-08	3.06E-08	4.29E-08	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	1,1,2,2-Tetrachloroethane	9.63E-06	1.27E-05	1.61E-05	1.95E-05	1.96E-05	2.02E-05	3.12E-05	3.12E-05	4.66E-06	1.50E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Warren	42123	R	Trichloroethylene	9.13E-02	9.94E-02	1.08E-01	1.17E-01	1.50E-01	1.63E-01	2.79E-01	3.03E-01	4.25E-02	2.61E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Warren	42123	R	Vinyl Chloride	2.41E-05	3.33E-05	4.14E-05	5.16E-05	5.12E-05	5.31E-05	7.96E-05	8.02E-05	1.15E-05	3.97E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	Acetaldehyde	2.35E-01	2.60E-01	2.92E-01	3.40E-01	3.34E-01	3.76E-01	4.11E-01	4.24E-01	5.01E-05	2.70E-02	2.16E-01	9.15E-02	0.00E+00
Pennsylvania	Washington	42125	U	Acrolein	3.88E-02	4.03E-02	4.30E-02	5.21E-02	5.25E-02	6.00E-02	6.73E-02	7.06E-02	1.75E-04	1.75E-02	2.23E-02	1.26E-02	0.00E+00
Pennsylvania	Washington	42125	U	Acrylonitrile	5.23E-04	5.77E-04	6.46E-04	7.15E-04	7.35E-04	7.94E-04	8.91E-04	9.19E-04	6.17E-04	1.18E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	Arsenic Compounds	2.73E-05	3.96E-05	4.85E-05	6.40E-05	6.42E-05	7.69E-05	9.27E-05	1.02E-04	4.13E-05	1.85E-05	2.56E-07	4.24E-06	0.00E+00
Pennsylvania	Washington	42125	U	Benzene	7.18E-01	7.40E-01	7.64E-01	8.80E-01	9.16E-01	1.04E+00	1.17E+00	1.22E+00	4.54E-02	5.86E-02	2.44E-01	8.85E-02	4.80E-01
Pennsylvania	Washington	42125	U	Beryllium Compounds	2.76E-06	3.70E-06	4.75E-06	6.68E-06	7.70E-06	1.08E-05	1.33E-05	1.39E-05	2.15E-06	5.52E-06	0.00E+00	3.22E-08	0.00E+00
Pennsylvania	Washington	42125	U	1,3-Butadiene	1.12E-02	1.24E-02	1.59E-02	2.72E-02	3.32E-02	4.70E-02	6.61E-02	7.05E-02	4.41E-05	4.65E-03	1.98E-02	8.69E-03	0.00E+00
Pennsylvania	Washington	42125	U	Cadmium Compounds	3.84E-05	5.20E-05	8.43E-05	1.51E-04	3.97E-04	4.54E-04	1.17E-03	1.24E-03	5.74E-06	3.91E-04	0.00E+00	4.48E-07	0.00E+00
Pennsylvania	Washington	42125	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.13E-06	1.60E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Washington	42125	U	Chloroform	8.37E-02	8.38E-02	8.39E-02	8.41E-02	8.41E-02	8.44E-02	8.46E-02	8.47E-02	7.79E-06	1.13E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Washington	42125	U	Chromium Compounds	2.94E-04	3.77E-04	5.91E-04	8.91E-04	1.47E-03	1.74E-03	3.57E-03	4.11E-03	1.04E-04	1.30E-03	1.63E-05	5.17E-05	0.00E+00
Pennsylvania	Washington	42125	U	Coke Oven Emissions	9.36E-03	1.21E-02	1.40E-02	2.14E-02	2.10E-02	2.69E-02	3.17E-02	3.43E-02	2.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	1,3-Dichloropropene	1.32E-02	1.63E-02	2.27E-02	3.55E-02	4.59E-02	6.75E-02	9.10E-02	1.07E-01	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	Diesel Particulate Matter	1.05E+00	1.06E+00	1.10E+00	1.27E+00	1.32E+00	1.45E+00	1.64E+00	1.72E+00	0.00E+00	0.00E+00	5.21E-01	7.94E-01	***
Pennsylvania	Washington	42125	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.45E-07	2.45E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Washington	42125	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	7.88E-05	2.81E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Washington	42125	U	Ethylene Oxide	3.33E-04	4.54E-04	5.35E-04	8.60E-04	1.18E-03	1.42E-03	2.02E-03	2.37E-03	2.69E-05	1.15E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	Formaldehyde	5.67E-01	5.77E-01	6.07E-01	6.69E-01	6.77E-01	7.48E-01	7.96E-01	8.02E-01	2.45E-02	7.39E-02	1.76E-01	1.52E-01	2.50E-01
Pennsylvania	Washington	42125	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.33E-05	0.00E+00	6.13E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Washington	42125	U	Hydrazine	2.21E-09	4.37E-09	1.08E-08	2.11E-08	8.15E-08	9.13E-08	2.63E-07	2.75E-07	0.00E+00	8.15E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	Lead Compounds	1.38E-03	1.93E-03	2.73E-03	4.93E-03	1.17E-02	1.34E-02	3.36E-02	3.58E-02	1.63E-04	1.10E-02	2.26E-05	5.41E-04	0.00E+00
Pennsylvania	Washington	42125	U	Manganese Compounds	4.56E-04	6.34E-04	1.27E-03	2.76E-03	2.93E-03	4.01E-03	5.28E-03	6.90E-03	2.12E-03	7.48E-04	6.56E-06	5.14E-05	0.00E+00
Pennsylvania	Washington	42125	U	Mercury Compounds	1.59E-03	1.60E-03	1.62E-03	1.65E-03	1.65E-03	1.68E-03	1.70E-03	1.71E-03	1.63E-05	1.27E-04	2.21E-07	8.72E-06	1.50E-03
Pennsylvania	Washington	42125	U	Methylene Chloride	1.75E-01	1.86E-01	1.97E-01	2.25E-01	2.68E-01	3.17E-01	4.06E-01	5.07E-01	2.25E-03	1.16E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Washington	42125	U	Nickel Compounds	3.22E-04	4.76E-04	8.27E-04	1.38E-03	3.73E-03	4.21E-03	1.09E-02	1.16E-02	7.00E-05	3.50E-03	1.26E-05	1.52E-04	0.00E+00
Pennsylvania	Washington	42125	U	Perchloroethylene	1.56E-01	1.61E-01	1.69E-01	1.86E-01	2.00E-01	2.27E-01	2.61E-01	2.76E-01	1.14E-03	5.86E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Washington	42125	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	5.49E-10	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Washington	42125	U	Polycyclic Organic Matter	1.77E-02	2.09E-02	2.81E-02	4.05E-02	4.54E-02	6.07E-02	7.60E-02	8.74E-02	7.38E-03	3.79E-02	1.17E-04	3.50E-05	0.00E+00
Pennsylvania	Washington	42125	U	7-PAH	9.48E-04	9.80E-04	1.29E-03	1.83E-03	2.18E-03	2.87E-03	3.96E-03	4.24E-03	4.22E-08	2.12E-03	5.19E-05	1.32E-05	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Washington	42125	U	Propylene Dichloride	3.20E-05	3.41E-05	3.88E-05	4.26E-05	4.47E-05	4.88E-05	5.37E-05	6.00E-05	3.74E-05	7.35E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	Quinoline	2.84E-05	3.22E-05	5.70E-05	7.57E-05	9.08E-05	1.11E-04	1.51E-04	1.71E-04	9.05E-05	2.75E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	1,1,2,2-Tetrachloroethane	3.16E-04	3.54E-04	4.00E-04	4.61E-04	4.71E-04	5.12E-04	5.96E-04	6.22E-04	4.52E-04	1.95E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Washington	42125	U	Trichloroethylene	8.83E-02	8.94E-02	9.18E-02	9.61E-02	1.02E-01	1.06E-01	1.16E-01	1.33E-01	4.07E-03	1.65E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Washington	42125	U	Vinyl Chloride	8.20E-04	8.53E-04	9.69E-04	1.09E-03	1.17E-03	1.30E-03	1.59E-03	1.89E-03	8.43E-04	3.32E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	Acetaldehyde	8.69E-02	1.07E-01	1.11E-01	1.42E-01	1.51E-01	1.89E-01	2.01E-01	2.05E-01	3.38E-07	2.13E-02	9.38E-02	3.63E-02	0.00E+00
Pennsylvania	Wayne	42127	R	Acrolein	3.08E-02	3.18E-02	3.73E-02	4.51E-02	4.32E-02	4.72E-02	5.21E-02	5.80E-02	4.11E-05	2.24E-02	1.16E-02	9.23E-03	0.00E+00
Pennsylvania	Wayne	42127	R	Acrylonitrile	2.05E-04	2.23E-04	2.53E-04	4.11E-04	4.63E-04	6.91E-04	8.40E-04	8.91E-04	4.20E-04	4.31E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	Arsenic Compounds	2.46E-06	2.55E-06	3.07E-06	4.32E-06	5.04E-06	5.48E-06	5.99E-06	1.73E-05	2.53E-07	4.58E-06	2.02E-07	1.44E-09	0.00E+00
Pennsylvania	Wayne	42127	R	Benzene	6.11E-01	6.24E-01	6.58E-01	7.12E-01	7.06E-01	7.26E-01	7.85E-01	8.24E-01	4.29E-03	4.53E-02	9.32E-02	8.27E-02	4.80E-01
Pennsylvania	Wayne	42127	R	Beryllium Compounds	4.56E-07	6.37E-07	6.66E-07	1.10E-06	1.36E-06	1.56E-06	1.79E-06	5.24E-06	1.33E-08	1.35E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	1,3-Butadiene	8.11E-03	8.15E-03	1.12E-02	1.29E-02	1.41E-02	1.43E-02	1.91E-02	3.20E-02	5.41E-06	5.30E-03	6.08E-03	2.67E-03	0.00E+00
Pennsylvania	Wayne	42127	R	Cadmium Compounds	4.30E-06	4.56E-06	5.10E-06	7.62E-06	9.16E-06	1.34E-05	1.43E-05	1.60E-05	3.30E-08	9.13E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	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	7.70E-07	5.54E-05	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Wayne	42127	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.35E-02	8.35E-02	4.48E-06	3.90E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Wayne	42127	R	Chromium Compounds	2.37E-05	2.50E-05	2.81E-05	3.54E-05	3.65E-05	4.15E-05	4.23E-05	7.16E-05	3.81E-07	1.13E-05	1.26E-05	1.21E-05	0.00E+00
Pennsylvania	Wayne	42127	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	1.55E-04	6.01E-03	7.59E-03	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	1,3-Dichloropropene	3.65E-03	4.96E-03	6.68E-03	1.03E-02	1.20E-02	1.47E-02	1.56E-02	4.20E-02	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	Diesel Particulate Matter	9.92E-01	1.03E+00	1.16E+00	1.27E+00	1.24E+00	1.32E+00	1.42E+00	1.45E+00	0.00E+00	0.00E+00	4.92E-01	7.50E-01	***
Pennsylvania	Wayne	42127	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	2.35E-07	2.49E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Wayne	42127	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	5.08E-05	6.83E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Wayne	42127	R	Ethylene Oxide	9.39E-05	1.09E-04	1.43E-04	1.98E-04	2.71E-04	2.66E-04	3.76E-04	1.23E-03	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	Formaldehyde	4.15E-01	4.16E-01	4.35E-01	4.83E-01	4.80E-01	5.13E-01	5.22E-01	6.01E-01	2.61E-03	8.69E-02	7.67E-02	6.41E-02	2.50E-01
Pennsylvania	Wayne	42127	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	0.00E+00	2.40E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Wayne	42127	R	Hydrazine	9.76E-11	1.27E-10	3.37E-10	6.66E-10	6.35E-10	9.60E-10	1.22E-09	1.24E-09	0.00E+00	6.35E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	Lead Compounds	9.71E-05	1.10E-04	1.24E-04	3.52E-04	3.31E-04	5.18E-04	6.02E-04	6.80E-04	2.70E-07	2.33E-04	1.76E-05	8.02E-05	0.00E+00
Pennsylvania	Wayne	42127	R	Manganese Compounds	6.83E-05	9.60E-05	1.03E-04	1.81E-04	1.85E-04	2.20E-04	2.43E-04	4.84E-04	3.09E-07	1.66E-04	5.11E-06	1.34E-05	0.00E+00
Pennsylvania	Wayne	42127	R	Mercury Compounds	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.56E-03	1.57E-03	1.58E-03	1.59E-03	3.70E-07	5.75E-05	1.72E-07	3.51E-06	1.50E-03
Pennsylvania	Wayne	42127	R	Methylene Chloride	1.59E-01	1.62E-01	1.64E-01	1.81E-01	1.85E-01	1.91E-01	2.04E-01	2.77E-01	5.58E-03	2.92E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Wayne	42127	R	Nickel Compounds	2.41E-05	3.22E-05	3.56E-05	6.81E-05	7.89E-05	8.03E-05	1.04E-04	3.15E-04	1.72E-07	6.33E-05	9.84E-06	5.58E-06	0.00E+00
Pennsylvania	Wayne	42127	R	Perchloroethylene	1.43E-01	1.44E-01	1.45E-01	1.48E-01	1.50E-01	1.52E-01	1.55E-01	1.77E-01	7.52E-04	9.74E-03	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Wayne	42127	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
Pennsylvania	Wayne	42127	R	Polycyclic Organic Matter	6.13E-03	6.56E-03	7.97E-03	1.14E-02	1.24E-02	1.45E-02	1.53E-02	3.62E-02	1.33E-08	1.23E-02	8.79E-05	4.15E-05	0.00E+00
Pennsylvania	Wayne	42127	R	7-PAH	6.48E-04	6.55E-04	7.78E-04	1.02E-03	1.03E-03	1.15E-03	1.18E-03	2.31E-03	2.71E-10	9.71E-04	3.91E-05	2.07E-05	0.00E+00
Pennsylvania	Wayne	42127	R	Propylene Dichloride	1.20E-05	1.30E-05	1.49E-05	2.42E-05	2.76E-05	4.13E-05	5.03E-05	5.33E-05	2.54E-05	2.13E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	Quinoline	2.73E-09	2.77E-09	8.72E-09	1.51E-08	1.30E-08	1.83E-08	1.93E-08	2.17E-08	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	1,1,2,2-Tetrachloroethane	1.06E-04	1.14E-04	1.28E-04	2.13E-04	2.46E-04	3.71E-04	4.53E-04	4.80E-04	2.33E-04	1.30E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wayne	42127	R	Trichloroethylene	8.20E-02	8.23E-02	8.48E-02	8.83E-02	8.81E-02	8.92E-02	9.22E-02	1.04E-01	2.93E-03	4.17E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Wayne	42127	R	Vinyl Chloride	2.62E-04	2.81E-04	3.16E-04	5.24E-04	6.07E-04	9.14E-04	1.12E-03	1.18E-03	5.74E-04	3.26E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	Acetaldehyde	2.17E-01	2.33E-01	3.01E-01	3.68E-01	3.77E-01	4.42E-01	5.54E-01	5.83E-01	4.26E-05	2.86E-02	2.45E-01	1.03E-01	0.00E+00
Pennsylvania	Westmoreland	42129	U	Acrolein	3.47E-02	3.95E-02	4.76E-02	5.68E-02	5.69E-02	6.55E-02	7.43E-02	8.17E-02	1.27E-04	1.56E-02	2.50E-02	1.62E-02	0.00E+00
Pennsylvania	Westmoreland	42129	U	Acrylonitrile	4.67E-04	5.00E-04	5.60E-04	6.55E-04	7.07E-04	7.77E-04	9.22E-04	1.03E-03	4.42E-04	2.65E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	Arsenic Compounds	2.05E-05	3.41E-05	5.25E-05	7.20E-05	7.40E-05	8.94E-05	1.17E-04	1.42E-04	4.22E-05	2.25E-05	3.13E-07	9.02E-06	0.00E+00
Pennsylvania	Westmoreland	42129	U	Benzene	7.43E-01	7.72E-01	8.75E-01	9.96E-01	1.00E+00	1.12E+00	1.22E+00	1.31E+00	5.85E-02	5.07E-02	2.73E-01	1.38E-01	4.80E-01
Pennsylvania	Westmoreland	42129	U	Beryllium Compounds	2.44E-06	4.13E-06	5.81E-06	8.05E-06	8.68E-06	1.10E-05	1.49E-05	1.54E-05	2.20E-06	6.40E-06	0.00E+00	7.60E-08	0.00E+00
Pennsylvania	Westmoreland	42129	U	1,3-Butadiene	1.62E-02	1.68E-02	2.17E-02	3.63E-02	3.94E-02	5.15E-02	6.98E-02	7.73E-02	4.02E-05	3.76E-03	2.27E-02	1.29E-02	0.00E+00
Pennsylvania	Westmoreland	42129	U	Cadmium Compounds	2.52E-05	2.99E-05	5.40E-05	7.89E-05	1.02E-04	1.27E-04	2.24E-04	2.65E-04	8.06E-06	9.30E-05	0.00E+00	1.06E-06	0.00E+00
Pennsylvania	Westmoreland	42129	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.10E-07	1.90E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Westmoreland	42129	U	Chloroform	8.37E-02	8.39E-02	8.41E-02	8.43E-02	8.44E-02	8.46E-02	8.51E-02	8.53E-02	4.71E-06	1.39E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Westmoreland	42129	U	Chromium Compounds	1.81E-04	2.14E-04	3.93E-04	6.58E-04	8.51E-04	1.16E-03	1.78E-03	1.93E-03	9.00E-05	6.56E-04	1.96E-05	8.58E-05	0.00E+00
Pennsylvania	Westmoreland	42129	U	Coke Oven Emissions	3.70E-05	8.19E-03	1.85E-02	2.67E-02	2.75E-02	3.15E-02	4.93E-02	6.48E-02	2.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	1,3-Dichloropropene	1.33E-02	1.77E-02	2.97E-02	5.05E-02	5.27E-02	6.92E-02	9.40E-02	1.09E-01	0.00E+00	5.27E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	Diesel Particulate Matter	1.01E+00	1.08E+00	1.17E+00	1.32E+00	1.37E+00	1.50E+00	1.75E+00	1.89E+00	0.00E+00	0.00E+00	5.68E-01	8.01E-01	***
Pennsylvania	Westmoreland	42129	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.47E-07	2.13E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Westmoreland	42129	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	5.68E-05	5.80E-05	0.00E+00	0.00E+00	6.10E-02

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	Westmoreland	42129	U	Ethylene Oxide	2.66E-04	3.80E-04	6.92E-04	1.10E-03	1.30E-03	1.65E-03	2.22E-03	3.36E-03	2.47E-05	1.27E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	Formaldehyde	5.02E-01	5.42E-01	6.20E-01	6.93E-01	7.01E-01	7.85E-01	8.75E-01	9.17E-01	9.63E-04	7.66E-02	1.96E-01	1.77E-01	2.50E-01
Pennsylvania	Westmoreland	42129	U	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	3.93E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Westmoreland	42129	U	Hydrazine	5.79E-09	6.08E-09	1.16E-08	3.00E-08	4.89E-08	6.04E-08	1.35E-07	1.60E-07	0.00E+00	4.89E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	Lead Compounds	5.71E-04	8.36E-04	1.29E-03	2.13E-03	2.60E-03	3.43E-03	5.37E-03	6.33E-03	6.67E-04	1.65E-03	2.72E-05	2.55E-04	0.00E+00
Pennsylvania	Westmoreland	42129	U	Manganese Compounds	3.67E-04	6.54E-04	1.12E-03	1.83E-03	2.72E-03	2.73E-03	6.89E-03	7.63E-03	1.60E-03	1.03E-03	7.93E-06	8.12E-05	0.00E+00
Pennsylvania	Westmoreland	42129	U	Mercury Compounds	1.59E-03	1.60E-03	1.63E-03	1.67E-03	1.69E-03	1.73E-03	1.85E-03	1.89E-03	1.98E-05	1.61E-04	2.67E-07	1.16E-05	1.50E-03
Pennsylvania	Westmoreland	42129	U	Methylene Chloride	1.89E-01	1.94E-01	2.20E-01	2.61E-01	2.89E-01	3.42E-01	4.34E-01	4.79E-01	1.67E-03	1.37E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Westmoreland	42129	U	Nickel Compounds	2.31E-04	3.48E-04	7.02E-04	1.16E-03	1.67E-03	1.93E-03	4.19E-03	4.72E-03	6.38E-04	6.83E-04	1.52E-05	3.34E-04	0.00E+00
Pennsylvania	Westmoreland	42129	U	Perchloroethylene	1.57E-01	1.63E-01	1.77E-01	2.03E-01	2.06E-01	2.29E-01	2.57E-01	2.68E-01	8.21E-04	6.56E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Westmoreland	42129	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Westmoreland	42129	U	Polycyclic Organic Matter	1.56E-02	1.74E-02	2.86E-02	4.29E-02	4.50E-02	5.76E-02	7.26E-02	8.36E-02	2.88E-03	4.19E-02	1.40E-04	5.50E-05	0.00E+00
Pennsylvania	Westmoreland	42129	U	7-PAH	9.52E-04	1.20E-03	1.53E-03	2.33E-03	2.41E-03	3.06E-03	3.82E-03	4.34E-03	3.39E-08	2.32E-03	6.22E-05	2.39E-05	0.00E+00
Pennsylvania	Westmoreland	42129	U	Propylene Dichloride	2.68E-05	2.84E-05	3.26E-05	3.82E-05	4.13E-05	4.58E-05	5.22E-05	5.93E-05	2.68E-05	1.45E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	Quinoline	1.17E-07	1.60E-05	3.23E-05	4.48E-05	5.20E-05	6.46E-05	9.26E-05	1.31E-04	5.18E-05	2.03E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	1,1,2,2-Tetrachloroethane	2.32E-04	2.45E-04	2.97E-04	3.46E-04	3.69E-04	3.98E-04	4.66E-04	5.29E-04	3.25E-04	4.45E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Westmoreland	42129	U	Trichloroethylene	9.50E-02	9.87E-02	1.05E-01	1.18E-01	1.34E-01	1.45E-01	2.02E-01	2.23E-01	8.67E-03	4.48E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Westmoreland	42129	U	Vinyl Chloride	6.09E-04	7.01E-04	8.08E-04	9.00E-04	9.80E-04	1.08E-03	1.29E-03	1.42E-03	6.04E-04	3.76E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Acetaldehyde	1.65E-01	1.65E-01	1.65E-01	2.61E-01	2.29E-01	2.74E-01	2.76E-01	2.76E-01	0.00E+00	2.66E-02	1.59E-01	4.35E-02	0.00E+00
Pennsylvania	Wyoming	42131	U	Acrolein	3.93E-02	3.93E-02	3.98E-02	5.05E-02	5.15E-02	6.35E-02	6.59E-02	6.59E-02	0.00E+00	2.73E-02	1.80E-02	6.24E-03	0.00E+00
Pennsylvania	Wyoming	42131	U	Acrylonitrile	3.48E-04	3.48E-04	5.61E-04	8.26E-04	7.60E-04	9.18E-04	1.11E-03	1.11E-03	7.22E-04	3.87E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Arsenic Compounds	4.42E-06	4.42E-06	5.53E-06	6.34E-06	6.67E-06	8.24E-06	8.25E-06	8.25E-06	0.00E+00	6.58E-06	8.71E-08	1.68E-09	0.00E+00
Pennsylvania	Wyoming	42131	U	Benzene	6.42E-01	6.42E-01	6.82E-01	7.25E-01	7.27E-01	7.99E-01	8.08E-01	8.08E-01	1.86E-03	5.96E-02	1.54E-01	3.14E-02	4.80E-01
Pennsylvania	Wyoming	42131	U	Beryllium Compounds	9.60E-07	9.60E-07	1.34E-06	1.86E-06	1.84E-06	2.38E-06	2.41E-06	2.41E-06	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	1,3-Butadiene	1.08E-02	1.08E-02	1.26E-02	1.48E-02	1.89E-02	2.96E-02	2.98E-02	2.98E-02	0.00E+00	7.10E-03	1.01E-02	1.72E-03	0.00E+00
Pennsylvania	Wyoming	42131	U	Cadmium Compounds	8.09E-06	8.09E-06	1.01E-05	1.92E-05	1.91E-05	2.75E-05	3.10E-05	3.10E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.32E-06	1.00E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	Wyoming	42131	U	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.37E-02	8.36E-02	8.37E-02	8.37E-02	8.37E-02	7.70E-06	6.01E-04	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	Wyoming	42131	U	Chromium Compounds	2.78E-05	2.78E-05	2.87E-05	4.82E-05	4.35E-05	5.57E-05	5.67E-05	5.67E-05	3.89E-07	1.98E-05	5.73E-06	1.75E-05	0.00E+00
Pennsylvania	Wyoming	42131	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	1,3-Dichloropropene	8.18E-03	8.18E-03	9.58E-03	1.49E-02	1.59E-02	2.13E-02	2.20E-02	2.20E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Diesel Particulate Matter	1.05E+00	1.05E+00	1.12E+00	1.21E+00	1.18E+00	1.26E+00	1.27E+00	1.27E+00	0.00E+00	0.00E+00	5.15E-01	6.68E-01	***
Pennsylvania	Wyoming	42131	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.04E-07	1.97E-08	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	Wyoming	42131	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	8.72E-05	7.32E-06	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	Wyoming	42131	U	Ethylene Oxide	1.79E-04	1.79E-04	1.93E-04	3.90E-04	3.54E-04	4.62E-04	5.20E-04	5.20E-04	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Formaldehyde	4.72E-01	4.72E-01	4.83E-01	5.50E-01	5.52E-01	6.27E-01	6.38E-01	6.38E-01	2.34E-03	1.08E-01	1.18E-01	7.37E-02	2.50E-01
Pennsylvania	Wyoming	42131	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	3.86E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	Wyoming	42131	U	Hydrazine	1.82E-10	1.82E-10	2.99E-10	5.91E-10	6.97E-10	1.07E-09	1.59E-09	1.59E-09	0.00E+00	6.97E-10	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Lead Compounds	1.66E-04	1.66E-04	1.84E-04	3.29E-04	3.62E-04	4.59E-04	7.32E-04	7.32E-04	0.00E+00	2.95E-04	7.82E-06	5.91E-05	0.00E+00
Pennsylvania	Wyoming	42131	U	Manganese Compounds	1.91E-04	1.91E-04	2.49E-04	3.27E-04	3.06E-04	3.66E-04	3.97E-04	3.97E-04	0.00E+00	2.85E-04	2.21E-06	1.94E-05	0.00E+00
Pennsylvania	Wyoming	42131	U	Mercury Compounds	1.56E-03	1.56E-03	1.57E-03	1.61E-03	1.60E-03	1.62E-03	1.63E-03	1.63E-03	1.99E-07	9.28E-05	7.70E-08	5.10E-06	1.50E-03
Pennsylvania	Wyoming	42131	U	Methylene Chloride	1.85E-01	1.85E-01	1.89E-01	1.95E-01	1.97E-01	2.05E-01	2.07E-01	2.07E-01	9.13E-03	3.74E-02	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	Wyoming	42131	U	Nickel Compounds	5.69E-05	5.69E-05	9.29E-05	1.27E-04	1.20E-04	1.51E-04	1.53E-04	1.53E-04	0.00E+00	1.07E-04	4.44E-06	8.04E-06	0.00E+00
Pennsylvania	Wyoming	42131	U	Perchloroethylene	1.47E-01	1.47E-01	1.50E-01	1.55E-01	1.55E-01	1.59E-01	1.60E-01	1.60E-01	1.30E-03	1.34E-02	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	Wyoming	42131	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	Wyoming	42131	U	Polycyclic Organic Matter	1.02E-02	1.02E-02	1.27E-02	1.65E-02	1.70E-02	2.22E-02	2.30E-02	2.30E-02	0.00E+00	1.70E-02	4.21E-05	1.12E-05	0.00E+00
Pennsylvania	Wyoming	42131	U	7-PAH	9.33E-04	9.33E-04	1.03E-03	1.32E-03	1.35E-03	1.78E-03	1.85E-03	1.85E-03	0.00E+00	1.33E-03	1.87E-05	4.94E-06	0.00E+00
Pennsylvania	Wyoming	42131	U	Propylene Dichloride	2.04E-05	2.04E-05	3.34E-05	4.90E-05	4.52E-05	5.47E-05	6.65E-05	6.65E-05	4.37E-05	1.53E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Quinoline	7.15E-09	7.15E-09	1.04E-08	1.65E-08	1.83E-08	2.62E-08	3.44E-08	3.44E-08	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	1,1,2,2-Tetrachloroethane	1.79E-04	1.79E-04	2.98E-04	4.37E-04	4.04E-04	4.88E-04	5.96E-04	5.96E-04	4.00E-04	3.38E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	Wyoming	42131	U	Trichloroethylene	8.49E-02	8.49E-02	8.54E-02	8.86E-02	8.87E-02	9.18E-02	9.41E-02	9.41E-02	4.24E-03	3.48E-03	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	Wyoming	42131	U	Vinyl Chloride	4.41E-04	4.41E-04	7.35E-04	1.08E-03	9.95E-04	1.20E-03	1.47E-03	1.47E-03	9.86E-04	9.13E-06	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	Acetaldehyde	4.08E-01	4.45E-01	4.84E-01	5.71E-01	5.60E-01	6.25E-01	6.82E-01	7.13E-01	5.20E-04	3.26E-02	3.81E-01	1.46E-01	0.00E+00
Pennsylvania	York	42133	U	Acrolein	5.91E-02	6.33E-02	6.82E-02	7.97E-02	8.06E-02	9.00E-02	1.01E-01	1.09E-01	1.92E-05	1.51E-02	4.57E-02	1.98E-02	0.00E+00
Pennsylvania	York	42133	U	Acrylonitrile	4.97E-04	5.42E-04	5.91E-04	6.95E-04	7.11E-04	7.91E-04	8.99E-04	1.00E-03	4.43E-04	2.68E-04	0.00E+00	0.00E+00	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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
Pennsylvania	York	42133	U	Arsenic Compounds	3.65E-05	3.91E-05	4.94E-05	7.42E-05	9.36E-05	1.18E-04	1.59E-04	2.66E-04	3.99E-05	5.35E-05	2.07E-07	9.06E-09	0.00E+00
Pennsylvania	York	42133	U	Benzene	8.80E-01	8.99E-01	9.47E-01	1.09E+00	1.19E+00	1.35E+00	1.66E+00	1.90E+00	1.67E-03	6.53E-02	5.01E-01	1.43E-01	4.80E-01
Pennsylvania	York	42133	U	Beryllium Compounds	4.45E-06	5.10E-06	6.43E-06	9.34E-06	1.48E-05	1.95E-05	3.41E-05	4.31E-05	1.65E-06	1.31E-05	0.00E+00	5.46E-12	0.00E+00
Pennsylvania	York	42133	U	1,3-Butadiene	2.20E-02	2.40E-02	2.83E-02	4.40E-02	5.82E-02	7.58E-02	1.16E-01	1.49E-01	0.00E+00	1.42E-03	4.36E-02	1.31E-02	0.00E+00
Pennsylvania	York	42133	U	Cadmium Compounds	1.87E-05	2.01E-05	2.29E-05	2.96E-05	3.92E-05	4.76E-05	6.88E-05	1.09E-04	8.23E-06	3.10E-05	0.00E+00	7.55E-11	0.00E+00
Pennsylvania	York	42133	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.12E-07	2.21E-04	0.00E+00	0.00E+00	8.80E-01
Pennsylvania	York	42133	U	Chloroform	8.42E-02	8.42E-02	8.44E-02	8.46E-02	8.47E-02	8.50E-02	8.55E-02	8.57E-02	4.73E-06	1.73E-03	0.00E+00	0.00E+00	8.30E-02
Pennsylvania	York	42133	U	Chromium Compounds	4.64E-04	5.00E-04	5.92E-04	1.25E-03	4.24E-03	4.26E-03	8.78E-03	2.61E-02	2.43E-05	4.15E-03	1.33E-05	4.77E-05	0.00E+00
Pennsylvania	York	42133	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	1,3-Dichloropropene	2.58E-02	2.90E-02	4.21E-02	6.18E-02	8.72E-02	1.10E-01	1.79E-01	2.44E-01	0.00E+00	8.72E-02	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	Diesel Particulate Matter	1.80E+00	1.83E+00	1.97E+00	2.09E+00	2.40E+00	2.46E+00	3.06E+00	4.56E+00	0.00E+00	0.00E+00	8.98E-01	1.50E+00	***
Pennsylvania	York	42133	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.48E-07	4.36E-07	0.00E+00	0.00E+00	7.70E-03
Pennsylvania	York	42133	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	5.67E-05	5.19E-05	0.00E+00	0.00E+00	6.10E-02
Pennsylvania	York	42133	U	Ethylene Oxide	4.04E-04	4.31E-04	6.56E-04	1.00E-03	2.03E-03	3.24E-03	5.22E-03	5.54E-03	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	Formaldehyde	7.08E-01	7.33E-01	8.05E-01	8.69E-01	8.99E-01	9.68E-01	1.09E+00	1.22E+00	1.45E-02	7.52E-02	3.26E-01	2.33E-01	2.50E-01
Pennsylvania	York	42133	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	8.79E-08	0.00E+00	0.00E+00	9.30E-05
Pennsylvania	York	42133	U	Hydrazine	2.00E-09	3.50E-09	5.78E-09	2.40E-08	1.29E-07	1.09E-07	2.89E-07	9.64E-07	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	Lead Compounds	6.33E-04	7.70E-04	1.65E-03	2.43E-03	2.32E-03	2.81E-03	3.62E-03	4.40E-03	1.09E-04	1.44E-03	1.85E-05	7.53E-04	0.00E+00
Pennsylvania	York	42133	U	Manganese Compounds	9.17E-04	1.03E-03	1.25E-03	2.17E-03	2.47E-03	5.49E-03	1.05E-02	2.53E-02	8.59E-05	4.75E-03	5.35E-06	5.52E-05	0.00E+00
Pennsylvania	York	42133	U	Mercury Compounds	1.67E-03	1.70E-03	1.75E-03	1.81E-03	1.90E-03	2.00E-03	2.20E-03	2.40E-03	2.33E-04	1.50E-04	1.81E-07	1.33E-05	1.50E-03
Pennsylvania	York	42133	U	Methylene Chloride	2.64E-01	2.80E-01	3.24E-01	4.93E-01	6.92E-01	7.82E-01	1.27E+00	2.43E+00	1.03E-01	4.38E-01	0.00E+00	0.00E+00	1.50E-01
Pennsylvania	York	42133	U	Nickel Compounds	3.55E-04	3.86E-04	4.62E-04	8.54E-04	2.59E-03	2.84E-03	5.95E-03	1.67E-02	2.17E-04	2.34E-03	1.03E-05	2.44E-05	0.00E+00
Pennsylvania	York	42133	U	Perchloroethylene	1.69E-01	1.71E-01	1.84E-01	2.15E-01	2.54E-01	2.93E-01	4.20E-01	4.84E-01	8.11E-04	1.14E-01	0.00E+00	0.00E+00	1.40E-01
Pennsylvania	York	42133	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Pennsylvania	York	42133	U	Polycyclic Organic Matter	2.30E-02	2.66E-02	3.63E-02	5.46E-02	7.16E-02	9.10E-02	1.53E-01	1.91E-01	1.45E-06	7.14E-02	9.59E-05	5.15E-05	0.00E+00
Pennsylvania	York	42133	U	7-PAH	1.36E-03	1.49E-03	1.98E-03	2.81E-03	3.56E-03	4.50E-03	6.75E-03	8.93E-03	4.10E-06	3.50E-03	4.26E-05	2.11E-05	0.00E+00
Pennsylvania	York	42133	U	Propylene Dichloride	2.93E-05	3.18E-05	3.61E-05	4.23E-05	4.43E-05	4.90E-05	5.75E-05	7.32E-05	2.68E-05	1.74E-05	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	Quinoline	3.41E-08	3.93E-08	7.09E-08	1.26E-07	4.06E-07	4.08E-07	8.31E-07	2.48E-06	0.00E+00	4.06E-07	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	1,1,2,2-Tetrachloroethane	2.44E-04	2.72E-04	2.97E-04	3.46E-04	3.53E-04	3.97E-04	4.44E-04	4.94E-04	2.46E-04	1.07E-04	0.00E+00	0.00E+00	0.00E+00
Pennsylvania	York	42133	U	Trichloroethylene	9.64E-02	9.81E-02	1.04E-01	1.41E-01	1.87E-01	2.19E-01	3.13E-01	5.85E-01	3.26E-02	7.36E-02	0.00E+00	0.00E+00	8.10E-02
Pennsylvania	York	42133	U	Vinyl Chloride	7.29E-04	8.12E-04	9.63E-04	1.14E-03	1.31E-03	1.45E-03	1.81E-03	2.79E-03	6.06E-04	7.06E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Acetaldehyde	5.96E-02	9.84E-02	2.61E-01	5.62E-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	0.00E+00
National	Nationwide	N/A	N/A	Acrolein	1.36E-02	2.35E-02	4.48E-02	8.45E-02	1.19E-01	1.43E-01	2.42E-01	3.56E-01	3.48E-03	2.52E-02	4.93E-02	4.13E-02	0.00E+00
National	Nationwide	N/A	N/A	Acrylonitrile	2.70E-05	5.84E-05	2.04E-04	7.85E-04	5.04E-03	2.76E-03	7.94E-03	1.73E-02	4.21E-03	8.33E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Arsenic Compounds	2.23E-06	6.05E-06	2.25E-05	6.21E-05	1.46E-04	1.37E-04	2.52E-04	4.00E-04	5.00E-05	8.75E-05	6.47E-07	7.65E-06	0.00E+00
National	Nationwide	N/A	N/A	Benzene	5.62E-01	6.10E-01	7.87E-01	1.21E+00	1.39E+00	1.78E+00	2.37E+00	2.84E+00	3.70E-02	8.72E-02	5.54E-01	2.34E-01	4.80E-01
National	Nationwide	N/A	N/A	Beryllium Compounds	3.14E-07	7.40E-07	3.13E-06	1.08E-05	3.11E-05	2.16E-05	3.93E-05	6.10E-05	2.43E-06	2.86E-05	0.00E+00	6.69E-08	0.00E+00
National	Nationwide	N/A	N/A	1,3-Butadiene	5.92E-03	9.52E-03	2.25E-02	5.39E-02	7.18E-02	9.38E-02	1.46E-01	1.89E-01	1.43E-03	9.24E-03	4.63E-02	1.48E-02	0.00E+00
National	Nationwide	N/A	N/A	Cadmium Compounds	1.37E-06	3.29E-06	1.39E-05	5.13E-05	2.12E-04	1.74E-04	5.01E-04	7.83E-04	2.51E-05	1.86E-04	0.00E+00	9.34E-07	0.00E+00
National	Nationwide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	5.42E-04	6.63E-04	0.00E+00	0.00E+00	8.80E-01
National	Nationwide	N/A	N/A	Chloroform	8.31E-02	8.32E-02	8.35E-02	8.47E-02	8.94E-02	8.73E-02	9.61E-02	1.06E-01	2.73E-03	3.69E-03	0.00E+00	0.00E+00	8.30E-02
National	Nationwide	N/A	N/A	Chromium Compounds	1.70E-05	3.97E-05	1.68E-04	7.95E-04	2.33E-03	2.65E-03	5.56E-03	8.43E-03	3.51E-04	1.79E-03	4.22E-05	1.39E-04	0.00E+00
National	Nationwide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	7.38E-04	4.79E-03	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,3-Dichloropropene	2.53E-03	5.17E-03	2.01E-02	6.45E-02	9.53E-02	1.19E-01	2.24E-01	3.33E-01	3.13E-06	9.53E-02	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Diesel Particulate Matter	3.28E-01	4.86E-01	8.49E-01	1.53E+00	2.06E+00	2.45E+00	3.66E+00	5.37E+00	0.00E+00	0.00E+00	6.30E-01	1.43E+00	***
National	Nationwide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.73E-03	7.70E-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	2.03E-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

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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	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	4.04E-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
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

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Pennsylvania																	
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 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