US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for Delaware

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
- 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 Delaware

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
Delaware	Statewide	N/A	N/A	Acetaldehyde	1.55E-01	1.65E-01	2.91E-01	8.44E-01	7.02E-01	1.02E+00	1.08E+00	1.13E+00	2.32E-04	1.01E-01	4.33E-01	1.68E-01	0.00E+00
Delaware	Statewide	N/A	N/A	Acrolein	1.94E-02	2.21E-02	4.21E-02	1.13E-01	9.90E-02	1.34E-01	1.57E-01	1.82E-01	3.10E-03	2.74E-02	4.91E-02	1.94E-02	0.00E+00
Delaware	Statewide	N/A	N/A	Acrylonitrile	1.33E-04	1.79E-04	4.27E-04	6.99E-04	1.43E-03	1.07E-03	2.24E-03	4.85E-03	1.17E-03	2.60E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	Arsenic Compounds	9.18E-06	1.61E-05	3.40E-05	1.66E-04	1.47E-04	2.04E-04	2.43E-04	2.78E-04	8.51E-05	4.16E-05	4.53E-07	1.94E-05	0.00E+00
Delaware	Statewide	N/A	N/A	Benzene	6.24E-01	6.42E-01	7.55E-01	1.37E+00	1.30E+00	1.60E+00	1.88E+00	2.08E+00	9.51E-02	4.04E-02	5.51E-01	1.29E-01	4.80E-01
Delaware	Statewide	N/A	N/A	Beryllium Compounds	1.51E-06	2.03E-06	6.25E-06	1.97E-05	1.83E-05	2.54E-05	3.31E-05	3.84E-05	4.97E-06	1.31E-05	0.00E+00	1.64E-07	0.00E+00
Delaware	Statewide	N/A	N/A	1,3-Butadiene	9.95E-03	1.32E-02	3.18E-02	7.66E-02	8.21E-02	1.13E-01	1.55E-01	2.00E-01	2.63E-03	1.20E-03	6.59E-02	1.24E-02	0.00E+00
Delaware	Statewide	N/A	N/A	Cadmium Compounds	4.76E-06	6.47E-06	3.46E-05	1.87E-04	1.67E-04	2.18E-04	2.77E-04	3.19E-04	8.47E-05	7.95E-05	0.00E+00	2.29E-06	0.00E+00
Delaware	Statewide	N/A	N/A	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	6.77E-07	4.00E-04	0.00E+00	0.00E+00	8.80E-01
Delaware	Statewide	N/A	N/A	Chloroform	8.33E-02	8.34E-02	8.36E-02	8.75E-02	8.77E-02	9.05E-02	9.22E-02	9.31E-02	1.59E-03	3.13E-03	0.00E+00	0.00E+00	8.30E-02
Delaware	Statewide	N/A	N/A	Chromium Compounds	5.26E-05	6.72E-05	2.23E-04	1.68E-03	1.77E-03	2.35E-03	3.19E-03	4.22E-03	4.64E-04	1.09E-03	4.86E-05	1.58E-04	0.00E+00
Delaware	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	1,3-Dichloropropene	9.90E-03	1.14E-02	2.21E-02	8.28E-02	8.61E-02	1.10E-01	1.61E-01	2.38E-01	0.00E+00	8.61E-02	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	Diesel Particulate Matter	1.31E+00	1.53E+00	2.02E+00	2.76E+00	2.72E+00	3.25E+00	3.66E+00	3.94E+00	0.00E+00	0.00E+00	9.56E-01	1.77E+00	***
Delaware	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	2.07E-07	9.95E-07	0.00E+00	0.00E+00	7.70E-03
Delaware	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.40E-02	6.88E-02	7.03E-02	7.09E-02	2.93E-03	5.75E-05	0.00E+00	0.00E+00	6.10E-02
Delaware	Statewide	N/A	N/A	Ethylene Oxide	1.27E-04	1.53E-04	5.52E-04	5.15E-03	6.34E-03	9.26E-03	1.44E-02	1.79E-02	1.02E-04	6.24E-03	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	Formaldehyde	4.06E-01	4.22E-01	5.32E-01	1.15E+00	1.02E+00	1.33E+00	1.50E+00	1.56E+00	3.14E-03	1.12E-01	4.00E-01	2.55E-01	2.50E-01
Delaware	Statewide	N/A	N/A	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	0.00E+00	1.80E-07	0.00E+00	0.00E+00	9.30E-05
Delaware	Statewide	N/A	N/A	Hydrazine	1.19E-08	1.78E-08	1.33E-07	3.52E-07	1.09E-06	6.28E-07	1.76E-06	3.74E-06	7.95E-07	2.93E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	Lead Compounds	7.08E-05	1.05E-04	2.64E-04	2.87E-03	2.69E-03	4.24E-03	5.23E-03	6.06E-03	2.76E-04	1.27E-03	4.72E-05	1.11E-03	0.00E+00
Delaware	Statewide	N/A	N/A	Manganese Compounds	1.22E-04	1.51E-04	3.39E-04	1.16E-03	1.13E-03	1.40E-03	1.68E-03	2.19E-03	5.96E-04	3.65E-04	1.84E-05	1.46E-04	0.00E+00
Delaware	Statewide	N/A	N/A	Mercury Compounds	1.53E-03	1.54E-03	1.57E-03	2.15E-03	2.08E-03	2.24E-03	2.43E-03	2.68E-03	5.52E-05	5.05E-04	4.49E-07	1.78E-05	1.50E-03
Delaware	Statewide	N/A	N/A	Methylene Chloride	1.64E-01	1.67E-01	1.93E-01	3.81E-01	4.08E-01	5.00E-01	6.31E-01	7.13E-01	4.07E-02	2.17E-01	0.00E+00	0.00E+00	1.50E-01
Delaware	Statewide	N/A	N/A	Nickel Compounds	7.52E-05	1.07E-04	5.63E-04	3.75E-03	4.10E-03	5.61E-03	7.78E-03	1.06E-02	1.40E-03	1.96E-03	3.29E-05	7.09E-04	0.00E+00
Delaware	Statewide	N/A	N/A	Perchloroethylene	1.48E-01	1.50E-01	1.73E-01	3.15E-01	3.30E-01	4.04E-01	5.30E-01	6.79E-01	1.82E-03	1.88E-01	0.00E+00	0.00E+00	1.40E-01
Delaware	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	6.39E-07	0.00E+00	0.00E+00	3.80E-04
Delaware	Statewide	N/A	N/A	Polycyclic Organic Matter	9.30E-03	1.07E-02	1.81E-02	4.76E-02	4.80E-02	6.61E-02	8.64E-02	1.01E-01	9.26E-03	3.85E-02	1.90E-04	5.85E-05	0.00E+00
Delaware	Statewide	N/A	N/A	7-PAH	6.37E-04	8.49E-04	1.21E-03	1.42E-03	1.49E-03	1.89E-03	2.11E-03	2.30E-03	4.11E-07	1.02E-03	4.57E-04	1.84E-05	0.00E+00
Delaware	Statewide	N/A	N/A	Propylene Dichloride	8.11E-06	9.95E-06	1.45E-05	2.98E-05	4.32E-05	5.14E-05	8.10E-05	1.14E-04	2.24E-05	2.08E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	Quinoline	1.35E-07	1.73E-07	4.94E-07	7.10E-07	1.14E-06	1.40E-06	1.90E-06	2.81E-06	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	5.03E-05	5.41E-05	8.64E-05	1.79E-04	2.67E-04	3.16E-04	4.65E-04	6.49E-04	2.05E-04	6.21E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	Statewide	N/A	N/A	Trichloroethylene	8.31E-02	8.35E-02	8.89E-02	1.19E-01	1.27E-01	1.53E-01	1.76E-01	2.01E-01	9.40E-03	3.61E-02	0.00E+00	0.00E+00	8.10E-02
Delaware	Statewide	N/A	N/A	Vinyl Chloride	1.41E-04	1.62E-04	4.72E-03	2.19E-02	2.09E-02	2.76E-02	3.64E-02	4.42E-02	2.03E-02	6.00E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	Acetaldehyde	6.48E-01	7.21E-01	8.37E-01	9.26E-01	9.24E-01	1.07E+00	1.11E+00	1.14E+00	3.05E-04	1.32E-01	5.71E-01	2.21E-01	0.00E+00
Delaware	All Urban Counties	N/A	U	Acrolein	8.57E-02	9.67E-02	1.12E-01	1.27E-01	1.29E-01	1.46E-01	1.68E-01	1.86E-01	5.01E-04	3.73E-02	6.48E-02	2.64E-02	0.00E+00
Delaware	All Urban Counties	N/A	U	Acrylonitrile	3.73E-04	3.88E-04	4.70E-04	7.00E-04	9.15E-04	1.02E-03	1.45E-03	1.92E-03	6.15E-04	3.01E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	Arsenic Compounds	1.15E-04	1.34E-04	1.64E-04	1.84E-04	2.04E-04	2.23E-04	2.65E-04	3.12E-04	1.19E-04	5.57E-05	5.32E-07	2.79E-05	0.00E+00

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

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

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
Delaware	All Urban Counties	N/A	U	Benzene	1.15E+00	1.26E+00	1.36E+00	1.54E+00	1.57E+00	1.76E+00	1.97E+00	2.10E+00	1.38E-01	4.05E-02	7.37E-01	1.75E-01	4.80E-01
Delaware	All Urban Counties	N/A	U	Beryllium Compounds	1.19E-05	1.52E-05	1.94E-05	2.34E-05	2.46E-05	2.78E-05	3.65E-05	4.15E-05	6.64E-06	1.77E-05	0.00E+00	2.37E-07	0.00E+00
Delaware	All Urban Counties	N/A	U	1,3-Butadiene	4.78E-02	5.62E-02	7.50E-02	9.27E-02	1.06E-01	1.26E-01	1.70E-01	2.04E-01	4.48E-05	6.48E-04	8.83E-02	1.74E-02	0.00E+00
Delaware	All Urban Counties	N/A	U	Cadmium Compounds	1.38E-04	1.70E-04	1.86E-04	2.03E-04	2.36E-04	2.38E-04	3.03E-04	3.59E-04	1.20E-04	1.12E-04	0.00E+00	3.30E-06	0.00E+00
Delaware	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	8.81E-01	9.86E-07	5.52E-04	0.00E+00	0.00E+00	8.80E-01
Delaware	All Urban Counties	N/A	U	Chloroform	8.60E-02	8.65E-02	8.74E-02	8.89E-02	8.96E-02	9.14E-02	9.28E-02	9.38E-02	2.32E-03	4.33E-03	0.00E+00	0.00E+00	8.30E-02
Delaware	All Urban Counties	N/A	U	Chromium Compounds	9.84E-04	1.20E-03	1.66E-03	2.05E-03	2.51E-03	2.59E-03	3.84E-03	5.51E-03	6.60E-04	1.56E-03	6.40E-05	2.22E-04	0.00E+00
Delaware	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	1,3-Dichloropropene	4.50E-02	6.04E-02	8.18E-02	1.04E-01	1.16E-01	1.36E-01	1.90E-01	2.50E-01	0.00E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	Diesel Particulate Matter	2.56E+00	2.64E+00	2.75E+00	3.09E+00	3.18E+00	3.36E+00	3.82E+00	4.06E+00	0.00E+00	0.00E+00	1.12E+00	2.06E+00	***
Delaware	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	3.01E-07	1.25E-06	0.00E+00	0.00E+00	7.70E-03
Delaware	All Urban Counties	N/A	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.13E-02	6.24E-02	6.53E-02	6.96E-02	7.07E-02	7.15E-02	4.26E-03	6.97E-05	0.00E+00	0.00E+00	6.10E-02
Delaware	All Urban Counties	N/A	U	Ethylene Oxide	2.30E-03	3.37E-03	5.07E-03	7.31E-03	9.06E-03	1.10E-02	1.58E-02	2.16E-02	1.49E-04	8.91E-03	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	Formaldehyde	9.59E-01	1.03E+00	1.14E+00	1.25E+00	1.27E+00	1.43E+00	1.54E+00	1.57E+00	3.80E-03	1.42E-01	5.30E-01	3.44E-01	2.50E-01
Delaware	All Urban Counties	N/A	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.62E-07	0.00E+00	0.00E+00	9.30E-05
Delaware	All Urban Counties	N/A	U	Hydrazine	1.35E-07	1.64E-07	3.34E-07	5.12E-07	1.54E-06	1.09E-06	2.76E-06	4.48E-06	1.16E-06	3.80E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	Lead Compounds	1.13E-03	2.07E-03	2.85E-03	3.68E-03	3.85E-03	4.80E-03	5.50E-03	6.14E-03	3.90E-04	1.81E-03	5.73E-05	1.59E-03	0.00E+00
Delaware	All Urban Counties	N/A	U	Manganese Compounds	1.03E-03	1.06E-03	1.15E-03	1.28E-03	1.53E-03	1.52E-03	2.07E-03	2.47E-03	8.46E-04	4.55E-04	2.39E-05	2.02E-04	0.00E+00
Delaware	All Urban Counties	N/A	U	Mercury Compounds	1.96E-03	2.02E-03	2.15E-03	2.20E-03	2.31E-03	2.31E-03	2.56E-03	2.80E-03	7.83E-05	7.10E-04	5.51E-07	2.37E-05	1.50E-03
Delaware	All Urban Counties	N/A	U	Methylene Chloride	2.75E-01	3.11E-01	3.76E-01	4.46E-01	5.09E-01	5.39E-01	6.65E-01	8.29E-01	5.90E-02	3.00E-01	0.00E+00	0.00E+00	1.50E-01
Delaware	All Urban Counties	N/A	U	Nickel Compounds	2.63E-03	2.93E-03	3.61E-03	4.72E-03	5.85E-03	5.97E-03	9.16E-03	1.22E-02	2.00E-03	2.79E-03	4.33E-05	1.02E-03	0.00E+00
Delaware	All Urban Counties	N/A	U	Perchloroethylene	2.28E-01	2.67E-01	3.12E-01	3.71E-01	4.06E-01	4.57E-01	6.09E-01	7.26E-01	2.65E-03	2.63E-01	0.00E+00	0.00E+00	1.40E-01
Delaware	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	9.32E-07	0.00E+00	0.00E+00	3.80E-04
Delaware	All Urban Counties	N/A	U	Polycyclic Organic Matter	3.21E-02	3.93E-02	4.69E-02	5.71E-02	6.23E-02	7.59E-02	9.66E-02	1.07E-01	1.34E-02	4.87E-02	2.48E-04	8.07E-05	0.00E+00
Delaware	All Urban Counties	N/A	U	7-PAH	9.38E-04	1.18E-03	1.30E-03	1.54E-03	1.60E-03	1.94E-03	2.17E-03	2.35E-03	5.97E-07	1.17E-03	4.05E-04	2.48E-05	0.00E+00
Delaware	All Urban Counties	N/A	U	Propylene Dichloride	2.26E-05	2.45E-05	2.83E-05	4.19E-05	5.70E-05	5.82E-05	9.04E-05	1.30E-04	3.26E-05	2.44E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	Quinoline	4.44E-07	5.20E-07	6.64E-07	1.10E-06	1.46E-06	1.57E-06	2.53E-06	3.47E-06	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	1.24E-04	1.53E-04	1.71E-04	2.54E-04	3.54E-04	3.63E-04	5.72E-04	8.25E-04	2.99E-04	5.54E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	All Urban Counties	N/A	U	Trichloroethylene	9.54E-02	9.91E-02	1.18E-01	1.40E-01	1.44E-01	1.61E-01	1.87E-01	2.05E-01	1.37E-02	4.94E-02	0.00E+00	0.00E+00	8.10E-02
Delaware	All Urban Counties	N/A	U	Vinyl Chloride	1.78E-02	1.97E-02	2.18E-02	2.45E-02	2.96E-02	3.11E-02	4.15E-02	5.11E-02	2.88E-02	7.81E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	Acetaldehyde	1.42E-01	1.51E-01	1.61E-01	1.94E-01	2.17E-01	2.58E-01	3.13E-01	3.63E-01	7.29E-05	3.45E-02	1.30E-01	5.23E-02	0.00E+00
Delaware	All Rural Counties	N/A	R	Acrolein	1.55E-02	1.86E-02	2.10E-02	2.60E-02	3.34E-02	4.11E-02	6.02E-02	7.53E-02	8.76E-03	5.77E-03	1.48E-02	4.06E-03	0.00E+00
Delaware	All Rural Counties	N/A	R	Acrylonitrile	1.07E-04	1.22E-04	1.52E-04	6.71E-04	2.55E-03	3.37E-03	6.70E-03	9.60E-03	2.38E-03	1.71E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	Arsenic Compounds	5.69E-06	7.31E-06	1.18E-05	2.07E-05	2.22E-05	2.98E-05	3.99E-05	4.63E-05	1.03E-05	1.10E-05	2.80E-07	7.02E-07	0.00E+00
Delaware	All Rural Counties	N/A	R	Benzene	5.99E-01	6.16E-01	6.34E-01	6.67E-01	6.96E-01	7.42E-01	8.29E-01	9.14E-01	2.17E-03	4.02E-02	1.45E-01	2.79E-02	4.80E-01
Delaware	All Rural Counties	N/A	R	Beryllium Compounds	1.03E-06	1.24E-06	1.67E-06	2.87E-06	4.53E-06	6.25E-06	1.09E-05	1.41E-05	1.33E-06	3.20E-06	0.00E+00	5.39E-09	0.00E+00
Delaware	All Rural Counties	N/A	R	1,3-Butadiene	7.39E-03	9.32E-03	1.16E-02	1.70E-02	2.91E-02	3.20E-02	7.27E-02	9.25E-02	8.28E-03	2.39E-03	1.68E-02	1.63E-03	0.00E+00
Delaware	All Rural Counties	N/A	R	Cadmium Compounds	3.51E-06	4.51E-06	5.79E-06	8.10E-06	1.54E-05	1.58E-05	4.30E-05	4.52E-05	7.65E-06	7.66E-06	0.00E+00	7.49E-08	0.00E+00
Delaware	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	3.29E-09	6.87E-05	0.00E+00	0.00E+00	8.80E-01
Delaware	All Rural Counties	N/A	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	8.36E-02	8.38E-02	8.39E-02	1.92E-08	5.06E-04	0.00E+00	0.00E+00	8.30E-02
Delaware	All Rural Counties	N/A	R	Chromium Compounds	4.60E-05	4.92E-05	5.84E-05	1.09E-04	1.43E-04	2.13E-04	2.39E-04	2.88E-04	3.65E-05	7.10E-05	1.49E-05	2.05E-05	0.00E+00
Delaware	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	1,3-Dichloropropene	8.09E-03	8.90E-03	1.09E-02	1.37E-02	2.09E-02	2.53E-02	5.03E-02	5.82E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	Diesel Particulate Matter	1.23E+00	1.27E+00	1.38E+00	1.70E+00	1.72E+00	2.00E+00	2.24E+00	2.31E+00	0.00E+00	0.00E+00	5.87E-01	1.13E+00	***
Delaware	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	1.01E-09	4.32E-07	0.00E+00	0.00E+00	7.70E-03
Delaware	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	3.13E-06	3.08E-05	0.00E+00	0.00E+00	6.10E-02
Delaware	All Rural Counties	N/A	R	Ethylene Oxide	1.02E-04	1.18E-04	1.34E-04	2.08E-04	4.02E-04	4.64E-04	8.30E-04	1.60E-03	7.70E-07	4.02E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	Formaldehyde	3.80E-01	4.03E-01	4.12E-01	4.61E-01	4.77E-01	5.12E-01	5.95E-01	6.65E-01	1.71E-03	4.54E-02	1.17E-01	6.23E-02	2.50E-01
Delaware	All Rural Counties	N/A	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.36E-05	0.00E+00	2.18E-07	0.00E+00	0.00E+00	9.30E-05
Delaware	All Rural Counties	N/A	R	Hydrazine	6.40E-09	9.09E-09	1.49E-08	6.86E-08	1.05E-07	1.41E-07	2.23E-07	4.11E-07	1.36E-09	1.04E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	Lead Compounds	5.02E-05	5.77E-05	8.78E-05	1.48E-04	1.81E-04	2.58E-04	3.15E-04	3.47E-04	2.62E-05	8.45E-05	2.53E-05	4.46E-05	0.00E+00
Delaware	All Rural Counties	N/A	R	Manganese Compounds	9.33E-05	1.13E-04	1.39E-04	1.93E-04	2.50E-04	3.32E-04	5.19E-04	6.08E-04	4.93E-05	1.70E-04	6.47E-06	2.42E-05	0.00E+00
Delaware	All Rural Counties	N/A	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	1.64E-03	1.66E-03	5.02E-06	5.65E-05	2.26E-07	5.01E-06	1.50E-03
Delaware	All Rural Counties	N/A	R	Methylene Chloride	1.61E-01	1.63E-01	1.65E-01	1.73E-01	1.86E-01	1.91E-01	2.40E-01	2.62E-01	6.11E-04	3.53E-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 Delaware

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
Delaware	All Rural Counties	N/A	R	Nickel Compounds	5.62E-05	6.11E-05	8.68E-05	1.30E-04	2.95E-04	3.94E-04	9.03E-04	9.45E-04	8.88E-05	1.64E-04	1.03E-05	3.24E-05	0.00E+00
Delaware	All Rural Counties	N/A	R	Perchloroethylene	1.46E-01	1.47E-01	1.49E-01	1.53E-01	1.65E-01	1.73E-01	2.10E-01	2.24E-01	6.87E-06	2.51E-02	0.00E+00	0.00E+00	1.40E-01
Delaware	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	7.30E-14	0.00E+00	0.00E+00	3.80E-04
Delaware	All Rural Counties	N/A	R	Polycyclic Organic Matter	7.88E-03	8.08E-03	9.79E-03	1.25E-02	1.67E-02	2.01E-02	3.41E-02	4.18E-02	3.36E-04	1.63E-02	6.22E-05	9.98E-06	0.00E+00
Delaware	All Rural Counties	N/A	R	7-PAH	5.57E-04	5.70E-04	8.33E-04	1.27E-03	1.26E-03	1.61E-03	1.99E-03	2.19E-03	6.28E-09	6.89E-04	5.72E-04	4.45E-06	0.00E+00
Delaware	All Rural Counties	N/A	R	Propylene Dichloride	6.93E-06	7.47E-06	8.98E-06	1.24E-05	1.30E-05	1.45E-05	1.90E-05	2.23E-05	1.09E-07	1.29E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	Quinoline	1.07E-07	1.14E-07	1.56E-07	3.43E-07	4.34E-07	5.98E-07	8.60E-07	1.42E-06	0.00E+00	4.34E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	4.22E-05	4.92E-05	5.27E-05	7.02E-05	7.78E-05	8.64E-05	1.11E-04	1.41E-04	9.97E-07	7.68E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	All Rural Counties	N/A	R	Trichloroethylene	8.27E-02	8.29E-02	8.33E-02	8.47E-02	8.81E-02	8.89E-02	1.01E-01	1.07E-01	1.92E-06	7.13E-03	0.00E+00	0.00E+00	8.10E-02
Delaware	All Rural Counties	N/A	R	Vinyl Chloride	1.27E-04	1.36E-04	1.54E-04	2.00E-04	2.02E-03	4.47E-03	6.55E-03	8.15E-03	1.81E-03	2.05E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	Acetaldehyde	1.76E-01	1.84E-01	1.99E-01	2.44E-01	2.58E-01	3.03E-01	3.55E-01	3.73E-01	1.18E-04	3.91E-02	1.56E-01	6.29E-02	0.00E+00
Delaware	Kent	10001	R	Acrolein	2.13E-02	2.30E-02	2.51E-02	3.99E-02	4.26E-02	5.51E-02	7.25E-02	7.70E-02	1.54E-02	6.40E-03	1.61E-02	4.78E-03	0.00E+00
Delaware	Kent	10001	R	Acrylonitrile	6.09E-04	6.71E-04	8.13E-04	2.16E-03	4.39E-03	4.85E-03	9.58E-03	1.46E-02	4.20E-03	1.90E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	Arsenic Compounds	5.66E-06	6.96E-06	1.01E-05	1.82E-05	2.24E-05	3.49E-05	4.56E-05	4.69E-05	8.84E-06	1.21E-05	1.46E-07	1.25E-06	0.00E+00
Delaware	Kent	10001	R	Benzene	6.21E-01	6.34E-01	6.42E-01	6.84E-01	7.32E-01	8.11E-01	8.87E-01	9.56E-01	3.81E-03	4.59E-02	1.72E-01	2.97E-02	4.80E-01
Delaware	Kent	10001	R	Beryllium Compounds	9.31E-07	1.05E-06	1.56E-06	6.05E-06	6.23E-06	1.02E-05	1.23E-05	1.46E-05	1.86E-06	4.36E-06	0.00E+00	9.56E-09	0.00E+00
Delaware	Kent	10001	R	1,3-Butadiene	1.05E-02	1.14E-02	1.49E-02	2.97E-02	4.12E-02	5.16E-02	7.98E-02	9.67E-02	1.47E-02	3.99E-03	2.09E-02	1.71E-03	0.00E+00
Delaware	Kent	10001	R	Cadmium Compounds	3.26E-06	3.83E-06	4.97E-06	1.26E-05	2.18E-05	3.90E-05	4.37E-05	5.52E-05	1.24E-05	9.27E-06	0.00E+00	1.33E-07	0.00E+00
Delaware	Kent	10001	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	5.84E-09	7.17E-05	0.00E+00	0.00E+00	8.80E-01
Delaware	Kent	10001	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.36E-02	8.37E-02	8.39E-02	8.40E-02	3.40E-08	5.64E-04	0.00E+00	0.00E+00	8.30E-02
Delaware	Kent	10001	R	Chromium Compounds	4.53E-05	4.70E-05	4.99E-05	6.70E-05	1.26E-04	2.13E-04	2.38E-04	2.61E-04	5.88E-05	2.39E-05	1.60E-05	2.70E-05	0.00E+00
Delaware	Kent	10001	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
Delaware	Kent	10001	R	1,3-Dichloropropene	8.61E-03	9.84E-03	1.11E-02	1.90E-02	2.68E-02	4.01E-02	5.40E-02	6.56E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	Diesel Particulate Matter	1.53E+00	1.56E+00	1.67E+00	1.95E+00	1.92E+00	2.14E+00	2.31E+00	2.39E+00	0.00E+00	0.00E+00	6.62E-01	1.26E+00	***
Delaware	Kent	10001	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	1.78E-09	4.37E-07	0.00E+00	0.00E+00	7.70E-03
Delaware	Kent	10001	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	4.51E-06	3.32E-05	0.00E+00	0.00E+00	6.10E-02
Delaware	Kent	10001	R	Ethylene Oxide	8.31E-05	1.05E-04	1.38E-04	4.18E-04	5.30E-04	7.15E-04	1.27E-03	1.65E-03	1.37E-06	5.29E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	Formaldehyde	4.12E-01	4.39E-01	4.63E-01	5.04E-01	5.21E-01	5.59E-01	6.53E-01	6.79E-01	2.91E-03	4.89E-02	1.42E-01	7.71E-02	2.50E-01
Delaware	Kent	10001	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.36E-05	0.00E+00	2.46E-07	0.00E+00	0.00E+00	9.30E-05
Delaware	Kent	10001	R	Hydrazine	6.06E-09	1.16E-08	1.72E-08	4.33E-08	1.16E-07	1.76E-07	3.45E-07	4.83E-07	2.42E-09	1.13E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	Lead Compounds	4.68E-05	5.54E-05	7.16E-05	1.22E-04	1.47E-04	2.03E-04	2.64E-04	3.02E-04	3.67E-05	9.61E-05	1.39E-05	7.41E-07	0.00E+00
Delaware	Kent	10001	R	Manganese Compounds	8.70E-05	9.43E-05	1.30E-04	2.84E-04	2.98E-04	4.22E-04	5.72E-04	6.73E-04	7.62E-05	1.88E-04	5.92E-06	2.83E-05	0.00E+00
Delaware	Kent	10001	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.58E-03	1.62E-03	1.65E-03	1.69E-03	5.11E-06	6.93E-05	1.29E-07	6.02E-06	1.50E-03
Delaware	Kent	10001	R	Methylene Chloride	1.61E-01	1.63E-01	1.65E-01	1.80E-01	1.96E-01	2.33E-01	2.58E-01	2.78E-01	4.09E-04	4.59E-02	0.00E+00	0.00E+00	1.50E-01
Delaware	Kent	10001	R	Nickel Compounds	5.95E-05	6.11E-05	8.21E-05	2.70E-04	4.27E-04	7.45E-04	9.14E-04	1.31E-03	1.51E-04	2.15E-04	1.05E-05	5.06E-05	0.00E+00
Delaware	Kent	10001	R	Perchloroethylene	1.48E-01	1.50E-01	1.53E-01	1.62E-01	1.77E-01	2.04E-01	2.20E-01	2.37E-01	1.11E-05	3.68E-02	0.00E+00	0.00E+00	1.40E-01
Delaware	Kent	10001	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	1.29E-13	0.00E+00	0.00E+00	3.80E-04
Delaware	Kent	10001	R	Polycyclic Organic Matter	7.27E-03	8.08E-03	9.74E-03	1.40E-02	2.00E-02	2.91E-02	3.67E-02	4.61E-02	5.95E-04	1.93E-02	6.11E-05	9.97E-06	0.00E+00
Delaware	Kent	10001	R	7-PAH	5.48E-04	5.58E-04	6.32E-04	8.82E-04	9.67E-04	1.27E-03	1.48E-03	1.82E-03	1.49E-09	7.59E-04	2.03E-04	4.45E-06	0.00E+00
Delaware	Kent	10001	R	Propylene Dichloride	6.93E-06	7.15E-06	8.93E-06	1.33E-05	1.41E-05	1.78E-05	1.98E-05	2.85E-05	1.93E-07	1.39E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	Quinoline	1.06E-07	1.07E-07	1.36E-07	2.18E-07	4.30E-07	5.98E-07	9.85E-07	1.42E-06	0.00E+00	4.30E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	1,1,2,2-Tetrachloroethane	5.00E-05	5.05E-05	6.16E-05	8.25E-05	8.78E-05	1.03E-04	1.11E-04	1.41E-04	1.77E-06	8.60E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	Kent	10001	R	Trichloroethylene	8.29E-02	8.29E-02	8.33E-02	8.63E-02	9.10E-02	1.01E-01	1.05E-01	1.09E-01	3.41E-06	9.98E-03	0.00E+00	0.00E+00	8.10E-02
Delaware	Kent	10001	R	Vinyl Chloride	1.36E-04	1.54E-04	1.87E-04	4.20E-03	3.45E-03	6.35E-03	6.99E-03	9.73E-03	3.22E-03	2.29E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	Acetaldehyde	6.48E-01	7.21E-01	8.37E-01	9.26E-01	9.24E-01	1.07E+00	1.11E+00	1.14E+00	3.05E-04	1.32E-01	5.71E-01	2.21E-01	0.00E+00
Delaware	New Castle	10003	U	Acrolein	8.57E-02	9.67E-02	1.12E-01	1.27E-01	1.29E-01	1.46E-01	1.68E-01	1.86E-01	5.01E-04	3.73E-02	6.48E-02	2.64E-02	0.00E+00
Delaware	New Castle	10003	U	Acrylonitrile	3.73E-04	3.88E-04	4.70E-04	7.00E-04	9.15E-04	1.02E-03	1.45E-03	1.92E-03	6.15E-04	3.01E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	Arsenic Compounds	1.15E-04	1.34E-04	1.64E-04	1.84E-04	2.04E-04	2.23E-04	2.65E-04	3.12E-04	1.19E-04	5.57E-05	5.32E-07	2.79E-05	0.00E+00
Delaware	New Castle	10003	U	Benzene	1.15E+00	1.26E+00	1.36E+00	1.54E+00	1.57E+00	1.76E+00	1.97E+00	2.10E+00	1.38E-01	4.05E-02	7.37E-01	1.75E-01	4.80E-01
Delaware	New Castle	10003	U	Beryllium Compounds	1.19E-05	1.52E-05	1.94E-05	2.34E-05	2.46E-05	2.78E-05	3.65E-05	4.15E-05	6.64E-06	1.77E-05	0.00E+00	2.37E-07	0.00E+00
Delaware	New Castle	10003	U	1,3-Butadiene	4.78E-02	5.62E-02	7.50E-02	9.27E-02	1.06E-01	1.26E-01	1.70E-01	2.04E-01	4.48E-05	6.48E-04	8.83E-02	1.74E-02	0.00E+00
Delaware	New Castle	10003	U	Cadmium Compounds	1.38E-04	1.70E-04	1.86E-04	2.03E-04	2.36E-04	2.38E-04	3.03E-04	3.59E-04	1.20E-04	1.12E-04	0.00E+00	3.30E-06	0.00E+00
Delaware	New Castle	10003	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	9.86E-07	5.52E-04	0.00E+00	0.00E+00	8.80E-01
Delaware	New Castle	10003	U	Chloroform	8.60E-02	8.65E-02	8.74E-02	8.89E-02	8.96E-02	9.14E-02	9.28E-02	9.38E-02	2.32E-03	4.33E-03	0.00E+00	0.00E+00	8.30E-02

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

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

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
Delaware	New Castle	10003	U	Chromium Compounds	9.84E-04	1.20E-03	1.66E-03	2.05E-03	2.51E-03	2.59E-03	3.84E-03	5.51E-03	6.60E-04	1.56E-03	6.40E-05	2.22E-04	0.00E+00
Delaware	New Castle	10003	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
Delaware	New Castle	10003	U	1,3-Dichloropropene	4.50E-02	6.04E-02	8.18E-02	1.04E-01	1.16E-01	1.36E-01	1.90E-01	2.50E-01	0.00E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	Diesel Particulate Matter	2.56E+00	2.64E+00	2.75E+00	3.09E+00	3.18E+00	3.36E+00	3.82E+00	4.06E+00	0.00E+00	0.00E+00	1.12E+00	2.06E+00	***
Delaware	New Castle	10003	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	3.01E-07	1.25E-06	0.00E+00	0.00E+00	7.70E-03
Delaware	New Castle	10003	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.13E-02	6.24E-02	6.53E-02	6.96E-02	7.07E-02	7.15E-02	4.26E-03	6.97E-05	0.00E+00	0.00E+00	6.10E-02
Delaware	New Castle	10003	U	Ethylene Oxide	2.30E-03	3.37E-03	5.07E-03	7.31E-03	9.06E-03	1.10E-02	1.58E-02	2.16E-02	1.49E-04	8.91E-03	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	Formaldehyde	9.59E-01	1.03E+00	1.14E+00	1.25E+00	1.27E+00	1.43E+00	1.54E+00	1.57E+00	3.80E-03	1.42E-01	5.30E-01	3.44E-01	2.50E-01
Delaware	New Castle	10003	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.62E-07	0.00E+00	0.00E+00	9.30E-05
Delaware	New Castle	10003	U	Hydrazine	1.35E-07	1.64E-07	3.34E-07	5.12E-07	1.54E-06	1.09E-06	2.76E-06	4.48E-06	1.16E-06	3.80E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	Lead Compounds	1.13E-03	2.07E-03	2.85E-03	3.68E-03	3.85E-03	4.80E-03	5.50E-03	6.14E-03	3.90E-04	1.81E-03	5.73E-05	1.59E-03	0.00E+00
Delaware	New Castle	10003	U	Manganese Compounds	1.03E-03	1.06E-03	1.15E-03	1.28E-03	1.53E-03	1.52E-03	2.07E-03	2.47E-03	8.46E-04	4.55E-04	2.39E-05	2.02E-04	0.00E+00
Delaware	New Castle	10003	U	Mercury Compounds	1.96E-03	2.02E-03	2.15E-03	2.20E-03	2.31E-03	2.31E-03	2.56E-03	2.80E-03	7.83E-05	7.10E-04	5.51E-07	2.37E-05	1.50E-03
Delaware	New Castle	10003	U	Methylene Chloride	2.75E-01	3.11E-01	3.76E-01	4.46E-01	5.09E-01	5.39E-01	6.65E-01	8.29E-01	5.90E-02	3.00E-01	0.00E+00	0.00E+00	1.50E-01
Delaware	New Castle	10003	U	Nickel Compounds	2.63E-03	2.93E-03	3.61E-03	4.72E-03	5.85E-03	5.97E-03	9.16E-03	1.22E-02	2.00E-03	2.79E-03	4.33E-05	1.02E-03	0.00E+00
Delaware	New Castle	10003	U	Perchloroethylene	2.28E-01	2.67E-01	3.12E-01	3.71E-01	4.06E-01	4.57E-01	6.09E-01	7.26E-01	2.65E-03	2.63E-01	0.00E+00	0.00E+00	1.40E-01
Delaware	New Castle	10003	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	9.32E-07	0.00E+00	0.00E+00	3.80E-04
Delaware	New Castle	10003	U	Polycyclic Organic Matter	3.21E-02	3.93E-02	4.69E-02	5.71E-02	6.23E-02	7.59E-02	9.66E-02	1.07E-01	1.34E-02	4.87E-02	2.48E-04	8.07E-05	0.00E+00
Delaware	New Castle	10003	U	7-PAH	9.38E-04	1.18E-03	1.30E-03	1.54E-03	1.60E-03	1.94E-03	2.17E-03	2.35E-03	5.97E-07	1.17E-03	4.05E-04	2.48E-05	0.00E+00
Delaware	New Castle	10003	U	Propylene Dichloride	2.26E-05	2.45E-05	2.83E-05	4.19E-05	5.70E-05	5.82E-05	9.04E-05	1.30E-04	3.26E-05	2.44E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	Quinoline	4.44E-07	5.20E-07	6.64E-07	1.10E-06	1.46E-06	1.57E-06	2.53E-06	3.47E-06	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	1,1,2,2-Tetrachloroethane	1.24E-04	1.53E-04	1.71E-04	2.54E-04	3.54E-04	3.63E-04	5.72E-04	8.25E-04	2.99E-04	5.54E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	New Castle	10003	U	Trichloroethylene	9.54E-02	9.91E-02	1.18E-01	1.40E-01	1.44E-01	1.61E-01	1.87E-01	2.05E-01	1.37E-02	4.94E-02	0.00E+00	0.00E+00	8.10E-02
Delaware	New Castle	10003	U	Vinyl Chloride	1.78E-02	1.97E-02	2.18E-02	2.45E-02	2.96E-02	3.11E-02	4.15E-02	5.11E-02	2.88E-02	7.81E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	Acetaldehyde	1.31E-01	1.42E-01	1.53E-01	1.60E-01	1.64E-01	1.72E-01	1.93E-01	2.06E-01	1.47E-05	2.85E-02	9.69E-02	3.87E-02	0.00E+00
Delaware	Sussex	10005	R	Acrolein	1.38E-02	1.55E-02	1.87E-02	2.09E-02	2.16E-02	2.46E-02	2.84E-02	3.20E-02	2.46E-04	4.96E-03	1.33E-02	3.14E-03	0.00E+00
Delaware	Sussex	10005	R	Acrylonitrile	9.79E-05	1.07E-04	1.23E-04	1.44E-04	1.86E-04	1.82E-04	4.39E-04	4.43E-04	3.96E-05	1.47E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	Arsenic Compounds	9.11E-06	1.28E-05	1.65E-05	2.15E-05	2.20E-05	2.68E-05	3.12E-05	3.57E-05	1.21E-05	9.45E-06	4.54E-07	5.07E-10	0.00E+00
Delaware	Sussex	10005	R	Benzene	5.83E-01	5.99E-01	6.22E-01	6.51E-01	6.49E-01	6.73E-01	6.93E-01	7.00E-01	4.40E-05	3.28E-02	1.11E-01	2.56E-02	4.80E-01
Delaware	Sussex	10005	R	Beryllium Compounds	1.24E-06	1.58E-06	1.80E-06	2.14E-06	2.34E-06	2.94E-06	3.41E-06	3.60E-06	6.42E-07	1.70E-06	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	1,3-Butadiene	5.72E-03	7.39E-03	9.64E-03	1.25E-02	1.34E-02	1.72E-02	1.98E-02	2.04E-02	2.42E-05	3.30E-04	1.15E-02	1.54E-03	0.00E+00
Delaware	Sussex	10005	R	Cadmium Compounds	4.59E-06	5.31E-06	6.11E-06	7.17E-06	7.14E-06	8.15E-06	9.27E-06	9.38E-06	1.55E-06	5.59E-06	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.49E-05	0.00E+00	0.00E+00	8.80E-01
Delaware	Sussex	10005	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.36E-02	8.36E-02	0.00E+00	4.31E-04	0.00E+00	0.00E+00	8.30E-02
Delaware	Sussex	10005	R	Chromium Compounds	7.11E-05	7.17E-05	9.55E-05	1.52E-04	1.66E-04	2.13E-04	2.41E-04	2.88E-04	7.81E-06	1.32E-04	1.36E-05	1.22E-05	0.00E+00
Delaware	Sussex	10005	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
Delaware	Sussex	10005	R	1,3-Dichloropropene	8.09E-03	8.55E-03	1.06E-02	1.25E-02	1.32E-02	1.63E-02	1.89E-02	1.92E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	Diesel Particulate Matter	1.21E+00	1.23E+00	1.28E+00	1.35E+00	1.46E+00	1.62E+00	1.80E+00	1.86E+00	0.00E+00	0.00E+00	4.91E-01	9.74E-01	***
Delaware	Sussex	10005	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	4.26E-07	0.00E+00	0.00E+00	7.70E-03
Delaware	Sussex	10005	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	1.35E-06	2.77E-05	0.00E+00	0.00E+00	6.10E-02
Delaware	Sussex	10005	R	Ethylene Oxide	1.18E-04	1.23E-04	1.33E-04	1.87E-04	2.37E-04	2.94E-04	3.30E-04	4.35E-04	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	Formaldehyde	3.70E-01	3.80E-01	4.04E-01	4.14E-01	4.20E-01	4.31E-01	4.61E-01	4.89E-01	1.68E-04	4.08E-02	8.55E-02	4.32E-02	2.50E-01
Delaware	Sussex	10005	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.82E-07	0.00E+00	0.00E+00	9.30E-05
Delaware	Sussex	10005	R	Hydrazine	8.44E-09	9.09E-09	1.44E-08	7.90E-08	9.18E-08	1.40E-07	1.77E-07	2.15E-07	0.00E+00	9.18E-08	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	Lead Compounds	7.08E-05	8.12E-05	1.17E-04	2.00E-04	2.24E-04	3.01E-04	3.47E-04	5.27E-04	1.27E-05	6.96E-05	4.00E-05	1.01E-04	0.00E+00
Delaware	Sussex	10005	R	Manganese Compounds	1.17E-04	1.22E-04	1.55E-04	1.76E-04	1.88E-04	2.22E-04	2.50E-04	2.71E-04	1.46E-05	1.47E-04	7.19E-06	1.89E-05	0.00E+00
Delaware	Sussex	10005	R	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	4.89E-06	4.00E-05	3.51E-07	3.70E-06	1.50E-03
Delaware	Sussex	10005	R	Methylene Chloride	1.61E-01	1.64E-01	1.66E-01	1.72E-01	1.72E-01	1.76E-01	1.85E-01	1.93E-01	8.71E-04	2.16E-02	0.00E+00	0.00E+00	1.50E-01
Delaware	Sussex	10005	R	Nickel Compounds	4.74E-05	7.25E-05	1.01E-04	1.16E-04	1.25E-04	1.31E-04	1.78E-04	1.93E-04	8.29E-06	9.79E-05	9.95E-06	8.96E-06	0.00E+00
Delaware	Sussex	10005	R	Perchloroethylene	1.46E-01	1.47E-01	1.48E-01	1.49E-01	1.50E-01	1.51E-01	1.55E-01	1.56E-01	1.35E-06	9.97E-03	0.00E+00	0.00E+00	1.40E-01
Delaware	Sussex	10005	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
Delaware	Sussex	10005	R	Polycyclic Organic Matter	7.97E-03	8.48E-03	1.04E-02	1.17E-02	1.26E-02	1.51E-02	1.76E-02	1.81E-02	6.32E-07	1.25E-02	6.35E-05	1.00E-05	0.00E+00
Delaware	Sussex	10005	R	7-PAH	9.49E-04	9.65E-04	1.32E-03	1.57E-03	1.65E-03	1.99E-03	2.19E-03	2.30E-03	1.25E-08	5.97E-04	1.05E-03	4.44E-06	0.00E+00
Delaware	Sussex	10005	R	Propylene Dichloride	7.47E-06	8.36E-06	9.28E-06	1.17E-05	1.17E-05	1.31E-05	1.45E-05	1.80E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00

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

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

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
Delaware	Sussex	10005	R	Quinoline	1.35E-07	1.48E-07	1.74E-07	3.85E-07	4.39E-07	5.95E-07	7.38E-07	8.60E-07	0.00E+00	4.39E-07	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	1,1,2,2-Tetrachloroethane	4.22E-05	4.54E-05	5.12E-05	5.73E-05	6.48E-05	7.45E-05	8.64E-05	9.57E-05	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00
Delaware	Sussex	10005	R	Trichloroethylene	8.27E-02	8.28E-02	8.32E-02	8.42E-02	8.44E-02	8.50E-02	8.69E-02	8.79E-02	0.00E+00	3.44E-03	0.00E+00	0.00E+00	8.10E-02
Delaware	Sussex	10005	R	Vinyl Chloride	1.16E-04	1.27E-04	1.42E-04	1.59E-04	1.73E-04	1.95E-04	2.18E-04	2.50E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Acetaldehyde	5.96E-02	9.84E-02	2.26E-01	5.62E-01	8.02E-01	1.05E+00	1.68E+00	2.26E+00	6.83E-03	7.45E-02	4.38E-01	2.83E-01	0.00E+00
National	Nationwide	N/A	N/A	Acrolein	1.36E-02	2.35E-02	4.48E-02	8.45E-02	1.19E-01	1.43E-01	2.42E-01	3.56E-01	3.48E-03	2.52E-02	4.93E-02	4.13E-02	0.00E+00
National	Nationwide	N/A	N/A	Acrylonitrile	2.70E-05	5.84E-05	2.04E-04	7.85E-04	5.04E-03	2.76E-03	7.94E-03	1.73E-02	4.21E-03	8.33E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Arsenic Compounds	2.23E-06	6.05E-06	2.25E-05	6.21E-05	1.46E-04	1.37E-04	2.52E-04	4.00E-04	5.00E-05	8.75E-05	6.47E-07	7.65E-06	0.00E+00
National	Nationwide	N/A	N/A	Benzene	5.62E-01	6.10E-01	7.87E-01	1.21E+00	1.39E+00	1.78E+00	2.37E+00	2.84E+00	3.70E-02	8.72E-02	5.54E-01	2.34E-01	4.80E-01
National	Nationwide	N/A	N/A	Beryllium Compounds	3.14E-07	7.40E-07	3.13E-06	1.08E-05	3.11E-05	2.16E-05	3.93E-05	6.10E-05	2.43E-06	2.86E-05	0.00E+00	6.69E-08	0.00E+00
National	Nationwide	N/A	N/A	1,3-Butadiene	5.92E-03	9.52E-03	2.25E-02	5.39E-02	7.18E-02	9.38E-02	1.46E-01	1.89E-01	1.43E-03	9.24E-03	4.63E-02	1.48E-02	0.00E+00
National	Nationwide	N/A	N/A	Cadmium Compounds	1.37E-06	3.29E-06	1.39E-05	5.13E-05	2.12E-04	1.74E-04	5.01E-04	7.83E-04	2.51E-05	1.86E-04	0.00E+00	9.34E-07	0.00E+00
National	Nationwide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	5.42E-04	6.63E-04	0.00E+00	0.00E+00	8.80E-01
National	Nationwide	N/A	N/A	Chloroform	8.31E-02	8.32E-02	8.35E-02	8.47E-02	8.94E-02	8.73E-02	9.61E-02	1.06E-01	2.73E-03	3.69E-03	0.00E+00	0.00E+00	8.30E-02
National	Nationwide	N/A	N/A	Chromium Compounds	1.70E-05	3.97E-05	1.68E-04	7.95E-04	2.33E-03	2.65E-03	5.56E-03	8.43E-03	3.51E-04	1.79E-03	4.22E-05	1.39E-04	0.00E+00
National	Nationwide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	7.38E-04	4.79E-03	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,3-Dichloropropene	2.53E-03	5.17E-03	2.01E-02	6.45E-02	9.53E-02	1.19E-01	2.24E-01	3.33E-01	3.13E-06	9.53E-02	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Diesel Particulate Matter	3.28E-01	4.86E-01	8.49E-01	1.53E+00	2.06E+00	2.45E+00	3.66E+00	5.37E+00	0.00E+00	0.00E+00	6.30E-01	1.43E+00	***
National	Nationwide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.73E-03	7.70E-03	7.71E-03	7.72E-03	1.21E-05	2.09E-05	0.00E+00	0.00E+00	7.70E-03
National	Nationwide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.32E-02	6.15E-02	6.29E-02	6.71E-02	1.90E-03	2.75E-04	0.00E+00	0.00E+00	6.10E-02
National	Nationwide	N/A	N/A	Ethylene Oxide	2.82E-05	7.07E-05	3.53E-04	1.60E-03	4.14E-03	4.13E-03	8.47E-03	1.40E-02	4.64E-04	3.67E-03	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Formaldehyde	3.45E-01	4.05E-01	5.61E-01	8.90E-01	1.25E+00	1.44E+00	2.24E+00	3.15E+00	1.15E-02	1.38E-01	3.76E-01	4.77E-01	2.50E-01
National	Nationwide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.34E-05	9.31E-05	9.34E-05	9.42E-05	7.55E-08	3.48E-07	0.00E+00	0.00E+00	9.30E-05
National	Nationwide	N/A	N/A	Hydrazine	3.66E-11	2.90E-10	4.99E-09	4.40E-08	9.77E-06	3.01E-07	6.46E-06	2.18E-05	3.27E-06	6.50E-06	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Lead Compounds	3.67E-05	8.95E-05	3.98E-04	1.88E-03	5.99E-03	6.10E-03	1.54E-02	2.50E-02	4.93E-04	2.16E-03	5.88E-05	3.28E-03	0.00E+00
National	Nationwide	N/A	N/A	Manganese Compounds	5.71E-05	1.43E-04	5.63E-04	1.46E-03	3.13E-03	3.27E-03	6.54E-03	9.27E-03	9.06E-04	2.06E-03	1.72E-05	1.41E-04	0.00E+00
National	Nationwide	N/A	N/A	Mercury Compounds	1.51E-03	1.52E-03	1.56E-03	1.69E-03	2.06E-03	2.00E-03	2.67E-03	3.77E-03	6.17E-05	4.69E-04	5.60E-07	2.90E-05	1.50E-03
National	Nationwide	N/A	N/A	Methylene Chloride	1.56E-01	1.63E-01	2.09E-01	3.40E-01	4.70E-01	5.62E-01	9.22E-01	1.19E+00	6.20E-02	2.58E-01	0.00E+00	0.00E+00	1.50E-01
National	Nationwide	N/A	N/A	Nickel Compounds	2.43E-05	5.57E-05	2.47E-04	9.48E-04	2.22E-03	2.79E-03	5.29E-03	7.58E-03	3.39E-04	1.53E-03	3.28E-05	3.22E-04	0.00E+00
National	Nationwide	N/A	N/A	Perchloroethylene	1.42E-01	1.46E-01	1.66E-01	2.43E-01	3.23E-01	3.68E-01	5.98E-01	7.80E-01	2.30E-02	1.60E-01	0.00E+00	0.00E+00	1.40E-01
National	Nationwide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.80E-04	3.67E-09	1.09E-06	0.00E+00	0.00E+00	3.80E-04
National	Nationwide	N/A	N/A	Polycyclic Organic Matter	4.74E-03	8.13E-03	2.25E-02	5.79E-02	9.07E-02	1.10E-01	2.13E-01	3.06E-01	6.63E-03	8.37E-02	2.60E-04	9.44E-05	0.00E+00
National	Nationwide	N/A	N/A	7-PAH	2.91E-04	5.22E-04	1.11E-03	2.70E-03	4.36E-03	5.09E-03	1.02E-02	1.52E-02	2.17E-04	4.00E-03	1.18E-04	2.55E-05	0.00E+00
National	Nationwide	N/A	N/A	Propylene Dichloride	1.51E-06	3.50E-06	1.20E-05	4.16E-05	4.04E-04	1.34E-04	3.98E-04	8.71E-04	3.55E-04	4.90E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Quinoline	7.86E-10	4.86E-09	4.10E-08	2.53E-07	4.33E-05	1.05E-06	3.31E-06	5.44E-05	2.96E-05	1.36E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,1,2,2-Tetrachloroethane	9.99E-06	2.36E-05	8.38E-05	3.13E-04	1.71E-03	1.03E-03	3.05E-03	5.96E-03	1.37E-03	3.35E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Trichloroethylene	8.16E-02	8.26E-02	9.03E-02	1.18E-01	1.79E-01	1.85E-01	3.18E-01	4.60E-01	2.70E-02	7.12E-02	0.00E+00	0.00E+00	8.10E-02
National	Nationwide	N/A	N/A	Vinyl Chloride	2.96E-05	7.20E-05	2.62E-04	1.06E-03	5.66E-03	3.95E-03	1.14E-02	2.04E-02	4.37E-03	1.29E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Acetaldehyde	1.26E-01	2.01E-01	4.01E-01	7.43E-01	9.67E-01	1.19E+00	1.84E+00	2.59E+00	7.02E-03	8.33E-02	5.29E-01	3.48E-01	0.00E+00
National	All Urban Counties	N/A	U	Acrolein	2.27E-02	3.49E-02	6.21E-02	1.03E-01	1.39E-01	1.63E-01	2.67E-01	3.97E-01	4.21E-03	2.48E-02	5.93E-02	5.07E-02	0.00E+00
National	All Urban Counties	N/A	U	Acrylonitrile	7.60E-05	1.42E-04	4.09E-04	1.16E-03	6.16E-03	3.83E-03	1.01E-02	2.07E-02	5.16E-03	9.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Arsenic Compounds	7.67E-06	1.55E-05	3.74E-05	8.05E-05	1.69E-04	1.55E-04	2.77E-04	4.44E-04	5.69E-05	1.02E-04	7.70E-07	9.52E-06	0.00E+00
National	All Urban Counties	N/A	U	Benzene	6.48E-01	7.48E-01	1.00E+00	1.41E+00	1.57E+00	1.94E+00	2.52E+00	2.98E+00	4.57E-02	9.18E-02	6.67E-01	2.82E-01	4.80E-01
National	All Urban Counties	N/A	U	Beryllium Compounds	1.06E-06	2.35E-06	6.74E-06	1.39E-05	3.70E-05	2.48E-05	4.40E-05	6.75E-05	2.16E-06	3.48E-05	0.00E+00	8.34E-08	0.00E+00
National	All Urban Counties	N/A	U	1,3-Butadiene	1.11E-02	1.76E-02	3.63E-02	6.65E-02	8.41E-02	1.06E-01	1.58E-01	2.03E-01	1.74E-03	8.68E-03	5.57E-02	1.79E-02	0.00E+00
National	All Urban Counties	N/A	U	Cadmium Compounds	4.93E-06	1.04E-05	2.70E-05	7.72E-05	2.49E-04	2.35E-04	5.80E-04	8.79E-04	2.81E-05	2.20E-04	0.00E+00	1.16E-06	0.00E+00
National	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.84E-01	6.68E-04	8.12E-04	0.00E+00	0.00E+00	8.80E-01
National	All Urban Counties	N/A	U	Chloroform	8.33E-02	8.35E-02	8.40E-02	8.53E-02	9.08E-02	8.84E-02	9.91E-02	1.08E-01	3.20E-03	4.56E-03	0.00E+00	0.00E+00	8.30E-02
National	All Urban Counties	N/A	U	Chromium Compounds	5.60E-05	1.17E-04	3.65E-04	1.26E-03	2.77E-03	3.26E-03	6.29E-03	9.37E-03	4.05E-04	2.14E-03	5.02E-05	1.72E-04	0.00E+00
National	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	1.92E-03	6.37E-03	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,3-Dichloropropene	8.34E-03	1.65E-02	4.38E-02	8.18E-02	1.16E-01	1.41E-01	2.58E-01	3.71E-01	3.83E-06	1.16E-01	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Diesel Particulate Matter	5.13E-01	7.18E-01	1.17E+00	1.86E+00	2.41E+00	2.70E+00	4.09E+00	6.06E+00	0.00E+00	0.00E+00	7.25E-01	1.69E+00	***
National	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.74E-03	7.70E-03	7.71E-03	7.73E-03	1.50E-05	2.63E-05	0.00E+00	0.00E+00	7.70E-03
National	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.37E-02	6.17E-02	6.35E-02	6.95E-02	2.34E-03	3.37E-04	0.00E+00	0.00E+00	6.10E-02

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

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

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
National	All Urban Counties	N/A	U	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
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