

US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for New Jersey

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 New Jersey																	
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	
New Jersey	Statewide	N/A	N/A	Acetaldehyde	3.22E-01	4.02E-01	7.54E-01	1.19E+00	1.33E+00	1.73E+00	2.53E+00	3.08E+00	3.43E-04	1.40E-01	6.51E-01	5.43E-01	0.00E+00
New Jersey	Statewide	N/A	N/A	Acrolein	4.70E-02	5.71E-02	9.55E-02	1.46E-01	1.72E-01	2.19E-01	3.39E-01	4.10E-01	7.32E-05	1.65E-02	7.87E-02	7.70E-02	0.00E+00
New Jersey	Statewide	N/A	N/A	Acrylonitrile	3.90E-04	5.91E-04	1.23E-03	2.06E-03	2.42E-03	2.99E-03	4.10E-03	4.81E-03	1.75E-03	6.77E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	Arsenic Compounds	2.39E-05	3.37E-05	6.14E-05	1.06E-04	1.69E-04	1.70E-04	3.16E-04	4.76E-04	4.10E-05	1.18E-04	1.22E-06	9.44E-06	0.00E+00
New Jersey	Statewide	N/A	N/A	Benzene	8.36E-01	9.21E-01	1.17E+00	1.54E+00	1.66E+00	2.04E+00	2.54E+00	2.95E+00	6.02E-02	6.33E-02	7.06E-01	3.51E-01	4.80E-01
New Jersey	Statewide	N/A	N/A	Beryllium Compounds	5.73E-06	7.88E-06	1.34E-05	2.21E-05	3.50E-05	3.26E-05	4.48E-05	5.65E-05	1.94E-06	3.29E-05	0.00E+00	7.90E-08	0.00E+00
New Jersey	Statewide	N/A	N/A	1,3-Butadiene	1.89E-02	2.60E-02	3.77E-02	5.77E-02	7.49E-02	9.65E-02	1.48E-01	1.85E-01	8.87E-06	7.50E-04	5.92E-02	1.50E-02	0.00E+00
New Jersey	Statewide	N/A	N/A	Cadmium Compounds	2.34E-05	3.89E-05	8.81E-05	1.66E-04	2.82E-04	2.95E-04	5.66E-04	8.41E-04	1.65E-05	2.65E-04	0.00E+00	1.10E-06	0.00E+00
New Jersey	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	4.06E-06	1.26E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Statewide	N/A	N/A	Chloroform	8.45E-02	8.61E-02	8.91E-02	9.28E-02	1.02E-01	9.89E-02	1.15E-01	1.45E-01	8.66E-03	1.07E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Statewide	N/A	N/A	Chromium Compounds	1.40E-04	2.72E-04	9.21E-04	2.25E-03	3.66E-03	3.62E-03	5.60E-03	8.77E-03	2.35E-04	3.10E-03	7.77E-05	2.50E-04	0.00E+00
New Jersey	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	1,3-Dichloropropene	3.35E-02	4.85E-02	8.05E-02	1.58E-01	1.24E-01	1.58E-01	3.74E-01	3.11E-01	0.00E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	Diesel Particulate Matter	2.19E+00	2.51E+00	2.95E+00	3.55E+00	4.41E+00	4.40E+00	8.16E+00	1.09E+01	0.00E+00	0.00E+00	1.06E+00	3.35E+00	***
New Jersey	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	7.71E-03	7.71E-03	9.62E-07	2.05E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Statewide	N/A	N/A	Ethylene Dichloride	6.11E-02	6.11E-02	6.13E-02	6.16E-02	6.75E-02	6.18E-02	8.12E-02	9.97E-02	6.33E-03	1.69E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Statewide	N/A	N/A	Ethylene Oxide	9.24E-04	1.59E-03	3.08E-03	5.26E-03	6.35E-03	7.64E-03	1.10E-02	1.44E-02	1.06E-03	5.29E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	Formaldehyde	6.40E-01	7.52E-01	1.15E+00	1.63E+00	1.90E+00	2.30E+00	3.52E+00	4.88E+00	4.88E-03	1.10E-01	5.87E-01	9.49E-01	2.50E-01
New Jersey	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.37E-05	0.00E+00	2.92E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Statewide	N/A	N/A	Hydrazine	1.09E-08	3.07E-08	2.20E-07	1.20E-05	1.32E-04	8.95E-05	2.47E-04	4.61E-04	2.66E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	Lead Compounds	5.26E-04	1.04E-03	3.35E-03	7.46E-03	1.14E-02	1.37E-02	2.81E-02	3.78E-02	2.12E-04	4.41E-03	1.08E-04	6.68E-03	0.00E+00
New Jersey	Statewide	N/A	N/A	Manganese Compounds	6.18E-04	8.82E-04	1.49E-03	2.49E-03	3.22E-03	4.05E-03	5.71E-03	6.84E-03	9.67E-05	2.84E-03	3.15E-05	2.58E-04	0.00E+00
New Jersey	Statewide	N/A	N/A	Mercury Compounds	1.67E-03	1.77E-03	2.07E-03	2.49E-03	2.83E-03	3.01E-03	4.22E-03	5.16E-03	9.33E-05	1.18E-03	1.04E-06	5.88E-05	1.50E-03
New Jersey	Statewide	N/A	N/A	Methylene Chloride	2.34E-01	2.69E-01	3.74E-01	5.71E-01	6.75E-01	8.61E-01	1.18E+00	1.38E+00	6.85E-02	4.56E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Statewide	N/A	N/A	Nickel Compounds	3.02E-04	5.50E-04	1.43E-03	3.18E-03	3.52E-03	4.73E-03	6.35E-03	7.91E-03	4.22E-04	2.62E-03	6.05E-05	4.21E-04	0.00E+00
New Jersey	Statewide	N/A	N/A	Perchloroethylene	1.72E-01	1.85E-01	2.31E-01	3.01E-01	3.43E-01	4.31E-01	5.59E-01	6.15E-01	9.86E-03	1.93E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.82E-04	3.80E-04	3.85E-04	3.91E-04	0.00E+00	1.78E-06	0.00E+00	0.00E+00	3.80E-04
New Jersey	Statewide	N/A	N/A	Polycyclic Organic Matter	2.97E-02	4.24E-02	6.94E-02	1.10E-01	1.34E-01	1.83E-01	2.57E-01	2.95E-01	6.79E-03	1.27E-01	3.12E-04	1.31E-04	0.00E+00
New Jersey	Statewide	N/A	N/A	7-PAH	1.60E-03	2.23E-03	3.62E-03	5.48E-03	6.85E-03	9.29E-03	1.34E-02	1.55E-02	1.71E-06	6.68E-03	1.49E-04	2.20E-05	0.00E+00
New Jersey	Statewide	N/A	N/A	Propylene Dichloride	2.39E-05	3.47E-05	7.30E-05	1.30E-04	1.50E-04	1.90E-04	2.61E-04	3.06E-04	1.04E-04	4.56E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	Quinoline	8.16E-08	2.50E-07	6.39E-07	1.58E-06	2.32E-06	2.91E-06	4.76E-06	6.70E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	1.67E-04	2.45E-04	5.21E-04	9.20E-04	1.08E-03	1.33E-03	1.81E-03	2.26E-03	9.55E-04	1.23E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Statewide	N/A	N/A	Trichloroethylene	9.55E-02	1.03E-01	1.24E-01	1.65E-01	1.89E-01	2.35E-01	2.98E-01	3.35E-01	3.67E-02	7.14E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Statewide	N/A	N/A	Vinyl Chloride	4.45E-04	7.58E-04	2.10E-03	3.34E-03	4.87E-03	5.09E-03	8.07E-03	1.30E-02	4.25E-03	6.19E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Acetaldehyde	3.22E-01	4.02E-01	7.54E-01	1.19E+00	1.33E+00	1.73E+00	2.53E+00	3.08E+00	3.43E-04	1.40E-01	6.51E-01	5.43E-01	0.00E+00
New Jersey	All Urban Counties	N/A	U	Acrolein	4.70E-02	5.71E-02	9.55E-02	1.46E-01	1.72E-01	2.19E-01	3.39E-01	4.10E-01	7.32E-05	1.65E-02	7.87E-02	7.70E-02	0.00E+00
New Jersey	All Urban Counties	N/A	U	Acrylonitrile	3.90E-04	5.91E-04	1.23E-03	2.06E-03	2.42E-03	2.99E-03	4.10E-03	4.81E-03	1.75E-03	6.77E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Arsenic Compounds	2.39E-05	3.37E-05	6.14E-05	1.06E-04	1.69E-04	1.70E-04	3.16E-04	4.76E-04	4.10E-05	1.18E-04	1.22E-06	9.44E-06	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																	
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
New Jersey	All Urban Counties	N/A	U	Benzene	8.36E-01	9.21E-01	1.17E+00	1.54E+00	1.66E+00	2.04E+00	2.54E+00	2.95E+00	6.02E-02	6.33E-02	7.06E-01	3.51E-01	4.80E-01
New Jersey	All Urban Counties	N/A	U	Beryllium Compounds	5.73E-06	7.88E-06	1.34E-05	2.21E-05	3.50E-05	3.26E-05	4.48E-05	5.65E-05	1.94E-06	3.29E-05	0.00E+00	7.90E-08	0.00E+00
New Jersey	All Urban Counties	N/A	U	1,3-Butadiene	1.89E-02	2.60E-02	3.77E-02	5.77E-02	7.49E-02	9.65E-02	1.48E-01	1.85E-01	8.87E-06	7.50E-04	5.92E-02	1.50E-02	0.00E+00
New Jersey	All Urban Counties	N/A	U	Cadmium Compounds	2.34E-05	3.89E-05	8.81E-05	1.66E-04	2.82E-04	2.95E-04	5.66E-04	8.41E-04	1.65E-05	2.65E-04	0.00E+00	1.10E-06	0.00E+00
New Jersey	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	4.06E-06	1.26E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	All Urban Counties	N/A	U	Chloroform	8.45E-02	8.61E-02	8.91E-02	9.28E-02	1.02E-01	9.89E-02	1.15E-01	1.45E-01	8.66E-03	1.07E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	All Urban Counties	N/A	U	Chromium Compounds	1.40E-04	2.72E-04	9.21E-04	2.25E-03	3.66E-03	3.62E-03	5.60E-03	8.77E-03	2.35E-04	3.10E-03	7.77E-05	2.50E-04	0.00E+00
New Jersey	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	1,3-Dichloropropene	3.35E-02	4.85E-02	8.05E-02	1.24E-01	1.58E-01	2.14E-01	3.11E-01	3.74E-01	0.00E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Diesel Particulate Matter	2.19E+00	2.51E+00	2.95E+00	3.55E+00	4.41E+00	4.40E+00	8.16E+00	1.09E+01	0.00E+00	0.00E+00	1.06E+00	3.35E+00	***
New Jersey	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	7.71E-03	7.71E-03	9.62E-07	2.05E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	All Urban Counties	N/A	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.13E-02	6.16E-02	6.75E-02	6.18E-02	8.12E-02	9.97E-02	6.33E-03	1.69E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	All Urban Counties	N/A	U	Ethylene Oxide	9.24E-04	1.59E-03	3.08E-03	5.26E-03	6.35E-03	7.64E-03	1.10E-02	1.44E-02	1.06E-03	5.29E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Formaldehyde	6.40E-01	7.52E-01	1.15E+00	1.63E+00	1.90E+00	2.30E+00	3.52E+00	4.26E+00	4.88E-03	1.10E-01	5.87E-01	9.49E-01	2.50E-01
New Jersey	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.37E-05	0.00E+00	2.92E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	All Urban Counties	N/A	U	Hydrazine	1.09E-08	3.07E-08	2.20E-07	1.20E-05	1.32E-04	8.95E-05	2.47E-04	4.61E-04	2.66E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Lead Compounds	5.26E-04	1.04E-03	3.35E-03	7.46E-03	1.14E-02	1.37E-02	2.81E-02	3.78E-02	2.12E-04	4.41E-03	1.08E-04	6.68E-03	0.00E+00
New Jersey	All Urban Counties	N/A	U	Manganese Compounds	6.18E-04	8.82E-04	1.49E-03	2.49E-03	3.22E-03	4.05E-03	5.71E-03	6.84E-03	9.67E-05	2.84E-03	3.15E-05	2.58E-04	0.00E+00
New Jersey	All Urban Counties	N/A	U	Mercury Compounds	1.67E-03	1.77E-03	2.07E-03	2.49E-03	2.83E-03	3.01E-03	4.22E-03	5.16E-03	9.33E-05	1.18E-03	1.04E-06	5.88E-05	1.50E-03
New Jersey	All Urban Counties	N/A	U	Methylene Chloride	2.34E-01	2.69E-01	3.74E-01	5.71E-01	6.75E-01	8.61E-01	1.18E+00	1.38E+00	6.85E-02	4.56E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	All Urban Counties	N/A	U	Nickel Compounds	3.02E-04	5.50E-04	1.43E-03	3.18E-03	3.52E-03	4.73E-03	6.35E-03	7.91E-03	4.22E-04	2.62E-03	6.05E-05	4.21E-04	0.00E+00
New Jersey	All Urban Counties	N/A	U	Perchloroethylene	1.72E-01	1.85E-01	2.31E-01	3.01E-01	3.43E-01	4.31E-01	5.59E-01	6.15E-01	9.86E-03	1.93E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.82E-04	3.80E-04	3.85E-04	3.91E-04	0.00E+00	1.78E-06	0.00E+00	0.00E+00	3.80E-04
New Jersey	All Urban Counties	N/A	U	Polycyclic Organic Matter	2.97E-02	4.24E-02	6.94E-02	1.10E-01	1.34E-01	1.83E-01	2.57E-01	2.95E-01	6.79E-03	1.27E-01	3.12E-04	1.31E-04	0.00E+00
New Jersey	All Urban Counties	N/A	U	7-PAH	1.60E-03	2.23E-03	3.62E-03	5.48E-03	6.85E-03	9.29E-03	1.34E-02	1.55E-02	1.71E-06	6.68E-03	1.49E-04	2.20E-05	0.00E+00
New Jersey	All Urban Counties	N/A	U	Propylene Dichloride	2.39E-05	3.47E-05	7.30E-05	1.30E-04	1.50E-04	1.90E-04	2.61E-04	3.06E-04	1.04E-04	4.56E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Quinoline	8.16E-08	2.50E-07	6.39E-07	1.58E-06	2.32E-06	2.91E-06	4.76E-06	6.70E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	1.67E-04	2.45E-04	5.21E-04	9.20E-04	1.08E-03	1.33E-03	1.81E-03	2.26E-03	9.55E-04	1.23E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Trichloroethylene	9.55E-02	1.03E-01	1.24E-01	1.65E-01	1.89E-01	2.35E-01	2.98E-01	3.35E-01	3.67E-02	7.14E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	All Urban Counties	N/A	U	Vinyl Chloride	4.45E-04	7.58E-04	2.10E-03	3.34E-03	4.87E-03	5.09E-03	8.07E-03	1.30E-02	4.25E-03	6.19E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic	34001	U	Acetaldehyde	2.62E-01	2.68E-01	2.81E-01	3.35E-01	3.54E-01	3.78E-01	4.98E-01	5.96E-01	1.06E-03	3.65E-02	1.97E-01	1.19E-01	0.00E+00
New Jersey	Atlantic	34001	U	Acrolein	3.54E-02	3.73E-02	4.45E-02	5.14E-02	5.34E-02	6.18E-02	7.42E-02	8.07E-02	1.65E-05	9.65E-03	2.88E-02	1.49E-02	0.00E+00
New Jersey	Atlantic	34001	U	Acrylonitrile	2.68E-04	2.93E-04	3.57E-04	5.51E-04	2.06E-03	2.99E-03	4.34E-03	1.42E-02	7.29E-05	1.99E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic	34001	U	Arsenic Compounds	1.29E-04	1.87E-04	2.96E-04	5.03E-04	5.34E-04	6.15E-04	9.95E-04	1.26E-03	4.97E-04	3.62E-05	3.55E-07	1.18E-06	0.00E+00
New Jersey	Atlantic	34001	U	Benzene	7.39E-01	7.76E-01	8.27E-01	9.01E-01	9.36E-01	1.01E+00	1.08E+00	1.25E+00	9.02E-03	3.52E-02	2.70E-01	1.42E-01	4.80E-01
New Jersey	Atlantic	34001	U	Beryllium Compounds	6.76E-06	2.07E-05	2.38E-05	2.96E-05	2.91E-05	3.37E-05	3.98E-05	4.25E-05	1.30E-05	1.61E-05	0.00E+00	7.93E-09	0.00E+00
New Jersey	Atlantic	34001	U	1,3-Butadiene	1.27E-02	1.84E-02	2.60E-02	3.32E-02	3.76E-02	4.25E-02	5.69E-02	8.02E-02	1.17E-06	9.46E-04	2.74E-02	9.26E-03	0.00E+00
New Jersey	Atlantic	34001	U	Cadmium Compounds	2.92E-05	3.83E-05	4.87E-05	6.01E-05	7.99E-05	9.40E-05	1.48E-04	2.41E-04	1.55E-05	6.43E-05	0.00E+00	1.10E-07	0.00E+00
New Jersey	Atlantic	34001	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.83E-01	1.33E-07	4.22E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Atlantic	34001	U	Chloroform	8.37E-02	8.37E-02	8.39E-02	8.43E-02	8.60E-02	8.73E-02	8.94E-02	1.00E-01	7.74E-07	3.03E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Atlantic	34001	U	Chromium Compounds	7.12E-05	1.10E-04	1.20E-04	1.39E-04	2.16E-04	1.64E-04	2.93E-04	1.07E-03	3.28E-05	1.13E-04	2.29E-05	4.67E-05	0.00E+00
New Jersey	Atlantic	34001	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
New Jersey	Atlantic	34001	U	1,3-Dichloropropene	1.93E-02	2.32E-02	3.44E-02	5.14E-02	6.79E-02	8.23E-02	1.24E-01	1.84E-01	0.00E+00	6.79E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic	34001	U	Diesel Particulate Matter	1.73E+00	1.75E+00	1.83E+00	1.98E+00	2.02E+00	2.13E+00	2.31E+00	2.41E+00	0.00E+00	0.00E+00	6.45E-01	1.38E+00	***
New Jersey	Atlantic	34001	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	4.06E-08	1.07E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Atlantic	34001	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.15E-02	6.14E-02	6.17E-02	6.26E-02	3.08E-04	2.35E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Atlantic	34001	U	Ethylene Oxide	4.16E-04	4.75E-04	7.21E-04	1.28E-03	1.54E-03	2.12E-03	2.83E-03	3.30E-03	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic	34001	U	Formaldehyde	5.30E-03												

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																	
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
New Jersey	Atlantic	34001	U	Nickel Compounds	2.96E-04	3.77E-04	6.12E-04	7.96E-04	8.05E-04	9.85E-04	1.18E-03	1.40E-03	4.19E-04	3.13E-04	1.78E-05	5.53E-05	0.00E+00
New Jersey	Atlantic	34001	U	Perchloroethylene	1.57E-01	1.59E-01	1.76E-01	1.95E-01	2.06E-01	2.32E-01	2.58E-01	2.80E-01	1.32E-04	6.62E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Atlantic	34001	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	7.96E-08	0.00E+00	0.00E+00	3.80E-04
New Jersey	Atlantic	34001	U	Polycyclic Organic Matter	1.92E-02	2.20E-02	3.23E-02	4.17E-02	5.27E-02	6.27E-02	8.91E-02	1.27E-01	2.41E-03	5.01E-02	1.30E-04	3.37E-05	0.00E+00
New Jersey	Atlantic	34001	U	7-PAH	1.07E-03	1.15E-03	1.59E-03	2.20E-03	2.77E-03	3.38E-03	4.76E-03	6.75E-03	4.47E-08	2.69E-03	6.32E-05	1.33E-05	0.00E+00
New Jersey	Atlantic	34001	U	Propylene Dichloride	1.58E-05	1.73E-05	2.11E-05	3.25E-05	1.22E-04	1.77E-04	2.56E-04	8.41E-04	4.39E-06	1.17E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic	34001	U	Quinoline	1.35E-08	1.68E-08	2.36E-08	3.41E-08	4.49E-08	4.69E-08	7.94E-08	1.41E-07	0.00E+00	4.49E-08	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic	34001	U	1,1,2,2-Tetrachloroethane	1.33E-04	1.45E-04	1.80E-04	2.83E-04	1.07E-03	1.56E-03	2.26E-03	7.43E-03	4.03E-05	1.03E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic	34001	U	Trichloroethylene	8.79E-02	8.95E-02	9.68E-02	1.11E-01	1.14E-01	1.23E-01	1.44E-01	1.49E-01	4.20E-04	3.23E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Atlantic	34001	U	Vinyl Chloride	3.30E-04	3.59E-04	4.63E-04	7.23E-04	2.69E-03	3.97E-03	5.57E-03	1.83E-02	1.51E-04	2.54E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	Acetaldehyde	1.21E+00	1.27E+00	1.41E+00	1.71E+00	1.78E+00	2.04E+00	2.41E+00	2.66E+00	1.11E-04	1.68E-01	8.60E-01	7.51E-01	0.00E+00
New Jersey	Bergen	34003	U	Acrolein	1.49E-01	1.58E-01	1.75E-01	2.14E-01	2.24E-01	2.55E-01	3.11E-01	3.46E-01	6.38E-06	1.96E-02	1.05E-01	9.91E-02	0.00E+00
New Jersey	Bergen	34003	U	Acrylonitrile	1.63E-03	1.76E-03	2.30E-03	2.73E-03	2.73E-03	3.08E-03	3.78E-03	4.08E-03	1.91E-03	8.23E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	Arsenic Compounds	7.85E-05	8.29E-05	1.01E-04	1.21E-04	1.29E-04	1.51E-04	1.86E-04	2.04E-04	1.13E-05	1.16E-04	1.57E-06	2.86E-07	0.00E+00
New Jersey	Bergen	34003	U	Benzene	1.40E+00	1.49E+00	1.60E+00	1.91E+00	1.95E+00	2.17E+00	2.47E+00	2.82E+00	1.57E-02	6.52E-02	8.25E-01	5.62E-01	4.80E-01
New Jersey	Bergen	34003	U	Beryllium Compounds	1.38E-05	1.63E-05	1.99E-05	2.74E-05	2.82E-05	3.45E-05	4.12E-05	4.53E-05	3.63E-07	2.79E-05	0.00E+00	1.74E-09	0.00E+00
New Jersey	Bergen	34003	U	1,3-Butadiene	4.39E-02	4.70E-02	5.78E-02	7.67E-02	8.28E-02	9.77E-02	1.30E-01	1.55E-01	6.91E-07	2.66E-04	6.60E-02	1.66E-02	0.00E+00
New Jersey	Bergen	34003	U	Cadmium Compounds	1.97E-04	2.11E-04	2.37E-04	2.74E-04	2.76E-04	3.09E-04	3.29E-04	3.70E-04	1.19E-05	2.64E-04	0.00E+00	2.41E-08	0.00E+00
New Jersey	Bergen	34003	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	8.83E-01	3.96E-06	1.58E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Bergen	34003	U	Chloroform	8.97E-02	9.01E-02	9.09E-02	9.27E-02	9.35E-02	9.52E-02	9.81E-02	9.99E-02	3.33E-04	1.02E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Bergen	34003	U	Chromium Compounds	1.42E-03	1.53E-03	2.34E-03	2.69E-03	3.04E-03	3.31E-03	4.88E-03	5.92E-03	5.32E-04	2.12E-03	9.93E-05	2.87E-04	0.00E+00
New Jersey	Bergen	34003	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
New Jersey	Bergen	34003	U	1,3-Dichloropropene	1.03E-01	1.16E-01	1.42E-01	1.97E-01	2.07E-01	2.43E-01	3.15E-01	3.63E-01	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	Diesel Particulate Matter	3.11E+00	3.24E+00	3.56E+00	4.22E+00	4.62E+00	5.34E+00	6.59E+00	7.52E+00	0.00E+00	0.00E+00	1.08E+00	3.54E+00	***
New Jersey	Bergen	34003	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	1.07E-06	2.89E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Bergen	34003	U	Ethylene Dichloride	6.13E-02	6.13E-02	6.14E-02	6.15E-02	6.15E-02	6.15E-02	6.17E-02	6.17E-02	3.50E-04	1.11E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Bergen	34003	U	Ethylene Oxide	2.57E-03	2.79E-03	3.19E-03	4.01E-03	4.36E-03	5.22E-03	6.54E-03	7.02E-03	1.48E-05	4.35E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	Formaldehyde	1.74E+00	1.80E+00	1.96E+00	2.32E+00	2.45E+00	2.77E+00	3.34E+00	3.68E+00	4.97E-03	1.34E-01	7.34E-01	1.33E+00	2.50E-01
New Jersey	Bergen	34003	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	9.35E-05	9.36E-05	9.37E-05	0.00E+00	3.89E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Bergen	34003	U	Hydrazine	5.55E-06	6.14E-06	8.21E-06	1.14E-05	1.79E-05	2.16E-05	3.09E-05	4.90E-05	1.55E-06	1.64E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	Lead Compounds	4.74E-03	5.08E-03	6.55E-03	8.59E-03	9.37E-03	1.09E-02	1.44E-02	1.62E-02	2.75E-04	3.43E-03	1.38E-04	5.53E-03	0.00E+00
New Jersey	Bergen	34003	U	Manganese Compounds	1.68E-03	1.85E-03	2.25E-03	3.03E-03	3.16E-03	3.78E-03	4.66E-03	5.20E-03	3.18E-05	2.78E-03	4.02E-05	3.11E-04	0.00E+00
New Jersey	Bergen	34003	U	Mercury Compounds	2.50E-03	2.57E-03	2.71E-03	3.01E-03	3.19E-03	3.35E-03	4.02E-03	4.73E-03	1.46E-04	1.45E-03	1.34E-06	8.29E-05	1.50E-03
New Jersey	Bergen	34003	U	Methylene Chloride	5.96E-01	6.49E-01	7.51E-01	9.04E-01	1.08E+00	1.16E+00	1.57E+00	1.82E+00	2.68E-01	6.58E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Bergen	34003	U	Nickel Compounds	2.69E-03	2.87E-03	4.17E-03	4.83E-03	5.10E-03	5.58E-03	6.78E-03	8.31E-03	1.47E-03	3.42E-03	7.74E-05	1.37E-04	0.00E+00
New Jersey	Bergen	34003	U	Perchloroethylene	2.82E-01	3.04E-01	3.42E-01	4.10E-01	4.31E-01	4.98E-01	5.72E-01	6.23E-01	1.43E-02	2.77E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Bergen	34003	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	9.78E-09	0.00E+00	0.00E+00	3.80E-04
New Jersey	Bergen	34003	U	Polycyclic Organic Matter	8.47E-02	9.65E-02	1.18E-01	1.58E-01	1.64E-01	1.95E-01	2.40E-01	2.68E-01	1.35E-03	1.62E-01	3.78E-04	1.36E-04	0.00E+00
New Jersey	Bergen	34003	U	7-PAH	4.67E-03	5.23E-03	6.34E-03	8.50E-03	8.74E-03	1.03E-02	1.28E-02	1.41E-02	2.37E-06	8.53E-03	1.82E-04	2.99E-05	0.00E+00
New Jersey	Bergen	34003	U	Propylene Dichloride	1.02E-04	1.09E-04	1.44E-04	1.71E-04	1.75E-04	1.94E-04	2.49E-04	2.89E-04	1.16E-04	5.90E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	Quinoline	1.38E-06	1.49E-06	1.72E-06	2.23E-06	3.27E-06	3.84E-06	6.52E-06	8.93E-06	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	1,1,2,2-Tetrachloroethane	7.15E-04	7.84E-04	1.07E-03	1.22E-03	1.21E-03	1.35E-03	1.64E-03	1.79E-03	1.06E-03	1.53E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Bergen	34003	U	Trichloroethylene	1.64E-01	1.70E-01	2.21E-01	2.61E-01	2.64E-01	2.90E-01	3.28E-01	3.69E-01	7.80E-02	1.05E-01	0.00E+00	0.00E+00	8.10E-02
New Jersey	Bergen	34003	U	Vinyl Chloride	1.95E-03	2.08E-03	2.85E-03	3.35E-03	3.32E-03	3.73E-03	4.44E-03	4.86E-03	2.61E-03	7.06E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Burlington	34005	U	Acetaldehyde	6.21E-01	7.17E-01	8.65E-01	1.12E+00	1.11E+00	1.31E+00	1.50E+00	1.60E+00	5.63E-04	1.13E-01	6.52E-01	3.48E-01	0.00E+00
New Jersey	Burlington	34005	U	Acrolein	8.51E-02	9.67E-02	1.11E-01	1.34E-01	1.35E-01	1.50E-01	1.77E-01	1.86E-01	2.64E-05	1.82E-02			

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																	
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
New Jersey	Burlington	34005	U	Chromium Compounds	1.20E-03	1.62E-03	2.72E-03	3.92E-03	4.87E-03	7.03E-03	9.30E-03	1.10E-02	2.72E-04	4.29E-03	5.09E-05	2.55E-04	0.00E+00
New Jersey	Burlington	34005	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
New Jersey	Burlington	34005	U	1,3-Dichloropropene	4.44E-02	5.37E-02	7.85E-02	1.09E-01	1.08E-01	1.31E-01	1.60E-01	1.95E-01	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Burlington	34005	U	Diesel Particulate Matter	2.35E+00	2.48E+00	2.67E+00	2.99E+00	3.12E+00	3.40E+00	3.75E+00	4.04E+00	0.00E+00	0.00E+00	9.42E-01	2.17E+00	***
New Jersey	Burlington	34005	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	8.54E-07	8.93E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Burlington	34005	U	Ethylene Dichloride	7.34E-02	7.53E-02	7.91E-02	9.08E-02	1.00E-01	1.09E-01	1.38E-01	1.69E-01	3.87E-02	5.22E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Burlington	34005	U	Ethylene Oxide	1.57E-03	1.98E-03	2.75E-03	3.68E-03	4.03E-03	4.82E-03	6.46E-03	8.21E-03	6.98E-05	3.96E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Burlington	34005	U	Formaldehyde	9.81E-01	1.11E+00	1.24E+00	1.44E+00	1.49E+00	1.63E+00	1.86E+00	1.93E+00	5.02E-03	9.87E-02	5.43E-01	5.89E-01	2.50E-01
New Jersey	Burlington	34005	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	0.00E+00	2.09E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Burlington	34005	U	Hydrazine	1.26E-08	2.40E-08	6.61E-08	1.24E-07	2.38E-07	2.30E-07	5.05E-07	7.97E-07	3.27E-08	2.05E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Burlington	34005	U	Lead Compounds	9.49E-04	1.54E-03	3.54E-03	5.33E-03	5.35E-03	7.30E-03	8.89E-03	1.05E-02	1.61E-04	3.25E-03	1.04E-05	1.87E-03	0.00E+00
New Jersey	Burlington	34005	U	Manganese Compounds	9.29E-04	1.25E-03	1.80E-03	2.86E-03	2.87E-03	3.61E-03	4.83E-03	5.15E-03	3.07E-04	2.31E-03	2.02E-05	2.37E-04	0.00E+00
New Jersey	Burlington	34005	U	Mercury Compounds	1.85E-03	1.91E-03	2.09E-03	2.40E-03	2.42E-03	2.67E-03	2.92E-03	3.20E-03	1.91E-04	6.91E-04	6.81E-07	3.71E-05	1.50E-03
New Jersey	Burlington	34005	U	Methylene Chloride	2.60E-01	2.89E-01	3.56E-01	4.59E-01	4.73E-01	5.37E-01	6.46E-01	6.76E-01	1.09E-02	3.12E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Burlington	34005	U	Nickel Compounds	7.53E-04	1.12E-03	1.91E-03	2.84E-03	3.52E-03	4.55E-03	6.75E-03	8.21E-03	1.52E-04	2.41E-03	3.94E-05	9.11E-04	0.00E+00
New Jersey	Burlington	34005	U	Perchloroethylene	1.84E-01	1.97E-01	2.24E-01	2.66E-01	2.61E-01	2.92E-01	3.19E-01	3.59E-01	2.78E-03	1.19E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Burlington	34005	U	Polychlorinated Biphenyls	3.83E-04	3.84E-04	3.85E-04	3.88E-04	3.92E-04	3.94E-04	4.04E-04	4.17E-04	0.00E+00	1.19E-05	0.00E+00	0.00E+00	3.80E-04
New Jersey	Burlington	34005	U	Polycyclic Organic Matter	4.47E-02	5.19E-02	7.28E-02	1.03E-01	9.86E-02	1.23E-01	1.39E-01	1.72E-01	8.55E-03	8.97E-02	2.89E-04	8.31E-05	0.00E+00
New Jersey	Burlington	34005	U	7-PAH	2.75E-03	3.11E-03	3.91E-03	5.11E-03	5.10E-03	6.04E-03	6.96E-03	8.41E-03	1.79E-06	4.94E-03	1.35E-04	2.25E-05	0.00E+00
New Jersey	Burlington	34005	U	Propylene Dichloride	4.68E-05	5.02E-05	6.96E-05	8.05E-05	1.13E-04	8.99E-05	1.22E-04	2.11E-04	9.25E-05	2.10E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Burlington	34005	U	Quinoline	2.44E-07	3.55E-07	5.38E-07	8.58E-07	1.02E-06	1.26E-06	1.87E-06	2.44E-06	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Burlington	34005	U	1,1,2,2-Tetrachloroethane	3.39E-04	3.73E-04	5.16E-04	5.90E-04	8.94E-04	6.62E-04	9.35E-04	1.71E-03	8.47E-04	4.70E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Burlington	34005	U	Trichloroethylene	1.04E-01	1.09E-01	1.30E-01	1.53E-01	1.74E-01	2.16E-01	2.56E-01	2.71E-01	3.81E-02	5.46E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Burlington	34005	U	Vinyl Chloride	1.88E-03	2.27E-03	2.91E-03	4.76E-03	5.42E-03	6.32E-03	6.78E-03	9.06E-03	4.63E-03	7.95E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Camden	34007	U	Acetaldehyde	9.18E-01	1.02E+00	1.17E+00	1.47E+00	1.51E+00	1.77E+00	1.94E+00	2.39E+00	5.53E-04	1.53E-01	8.07E-01	5.46E-01	0.00E+00
New Jersey	Camden	34007	U	Acrolein	1.19E-01	1.28E-01	1.48E-01	1.84E-01	1.91E-01	2.23E-01	2.48E-01	3.14E-01	5.29E-05	1.86E-02	9.09E-02	8.19E-02	0.00E+00
New Jersey	Camden	34007	U	Acrylonitrile	7.05E-04	7.86E-04	1.03E-03	1.58E-03	3.74E-03	2.51E-03	3.50E-03	5.62E-03	2.64E-03	1.10E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Camden	34007	U	Arsenic Compounds	1.09E-04	1.31E-04	1.63E-04	2.23E-04	2.46E-04	3.08E-04	4.14E-04	4.70E-04	5.06E-05	1.12E-04	1.13E-06	8.29E-05	0.00E+00
New Jersey	Camden	34007	U	Benzene	1.41E+00	1.51E+00	1.71E+00	2.05E+00	2.08E+00	2.41E+00	2.76E+00	2.89E+00	2.64E-01	7.95E-02	9.37E-01	3.15E-01	4.80E-01
New Jersey	Camden	34007	U	Beryllium Compounds	1.68E-05	1.89E-05	2.31E-05	2.81E-05	2.93E-05	3.44E-05	4.10E-05	4.57E-05	2.68E-06	2.59E-05	0.00E+00	7.14E-07	0.00E+00
New Jersey	Camden	34007	U	1,3-Butadiene	4.68E-02	5.46E-02	6.35E-02	8.29E-02	8.64E-02	1.05E-01	1.33E-01	1.42E-01	1.46E-05	1.20E-03	6.63E-02	1.89E-02	0.00E+00
New Jersey	Camden	34007	U	Cadmium Compounds	1.87E-04	2.55E-04	3.63E-04	5.79E-04	6.98E-04	9.06E-04	1.20E-03	1.36E-03	2.76E-05	6.61E-04	0.00E+00	9.96E-06	0.00E+00
New Jersey	Camden	34007	U	Carbon Tetrachloride	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	8.82E-01	8.83E-01	8.84E-01	4.74E-06	2.89E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Camden	34007	U	Chloroform	8.71E-02	8.89E-02	9.09E-02	9.56E-02	1.03E-01	1.01E-01	1.06E-01	1.11E-01	2.45E-03	1.80E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Camden	34007	U	Chromium Compounds	2.54E-03	3.16E-03	4.43E-03	8.29E-03	2.20E-02	1.31E-02	2.97E-02	6.66E-02	2.60E-04	2.10E-02	7.38E-05	6.21E-04	0.00E+00
New Jersey	Camden	34007	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
New Jersey	Camden	34007	U	1,3-Dichloropropene	6.88E-02	8.71E-02	1.10E-01	1.34E-01	1.45E-01	1.83E-01	2.26E-01	2.45E-01	0.00E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Camden	34007	U	Diesel Particulate Matter	2.52E+00	2.58E+00	2.84E+00	3.41E+00	3.91E+00	4.35E+00	6.83E+00	7.13E+00	0.00E+00	0.00E+00	1.07E+00	2.84E+00	***
New Jersey	Camden	34007	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	1.45E-06	8.67E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Camden	34007	U	Ethylene Dichloride	7.25E-02	7.82E-02	8.62E-02	9.93E-02	1.09E-01	1.25E-01	1.55E-01	1.71E-01	4.79E-02	4.37E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Camden	34007	U	Ethylene Oxide	3.42E-03	3.83E-03	5.26E-03	7.28E-03	7.85E-03	9.14E-03	1.12E-02	1.45E-02	2.45E-05	7.83E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Camden	34007	U	Formaldehyde	1.30E+00	1.37E+00	1.57E+00	1.89E+00	1.99E+00	2.21E+00	2.44E+00	3.34E+00	1.15E-02	9.83E-02	7.14E-01	9.20E-01	2.50E-01
New Jersey	Camden	34007	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	1.14E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Camden	34007	U	Hydrazine	3.11E-08	3.65E-08	5.42E-08	9.61E-08	1.58E-07	1.71E-07	4.27E-07	6.17E-07	0.00E+00	1.58E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Camden	34007	U	Lead Compounds	3.48E-03	5.14E-03	7.95E-03	1.16E-02	1.26E-02	1.56E-02	1.98E-02	2.17E-02	1.55E-04	6.59E-03	1.02E-04	5.70E-03	0.00E+00
New Jersey	Camden	34007	U	Manganese Compounds	1.75E-03	2.09E-03	2.64E-03	3.90E-03	6.28E-03	5.57E-03	8.97E-03	1.49E-02	2.28E-04	5.47E-03	2.99E-05	5.47E-04	0.00E+00
New Jersey	Camden	34007	U	Mercury Compounds	2.12E-03	2.29E-03	2.61E-03	3.32E-03	4.27E-03	4.34E-03	5.16E-03	5.86E-03	1.28E-04	2.53E-03	9.75E-07	6.08E-05	1.50E-03
New Jersey	Camden	34007	U	Methylene Chloride	3.42E-01	3.75E-01	4.38E-01	5.39E-01	6.26E-01	7.29E-01	1.03E+00	1.25E+00	2.47E-02	4.52E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Camden	34007	U	Nickel Compounds	1.72E-03	2.11E-03	2.86E-03	4.57E-03	5.52E-03	7.37E-03	1.11E-02	1.33E-02	4.38E-04	1.99E-03	5.73E-05	3.03E-03	0.00E+00
New Jersey	Camden	34007	U	Perchloroethylene	2.40E-01	2.54E-01	2.87E-01	3.41E-01	3.70E-01	4.30E-01	5.27E-01	6.16E-01	4.74E-03	2.26E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Camden	34007	U	Polychlorinated Biphenyls	3.83E-04	3.85E-04	3.87E-04	3.91E-04	3.95E-04	3.99E-04	4.12E-04	4.17E-04	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.80E-04
New Jersey	Camden	34007	U	Polycyclic Organic Matter	6.52E-02	8.91E-02	1.09E-01	1.43E-01	1.54E-01	1.88E-01	2.38E-01	2.49E-01	2.87E-02	1.25E-01	3.42E-04	1.67E-04	0.00E+00
New Jersey	Camden	34007	U	7-PAH	3.54E-03	4.04E-03	5.05E-03	6.28E-03	7.15E-03	8.39E-03	1.02E-02	1.12E-02	2.90E-06	6.96E-03	1.65E-04	2.94E-05	0.00E+00
New Jersey	Camden	34007	U	Propylene Dichloride	3.88E-05	4.32E-05	5.61E-05	8.47E-05	2.01E-04	1.36E-04	1.88E-04	3.01E-04	1.57E-04	4.40E-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 New Jersey																	
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
New Jersey	Camden	34007	U	Quinoline	4.14E-07	4.74E-07	6.02E-07	8.24E-07	9.80E-07	1.14E-06	1.85E-06	2.40E-06	0.00E+00	9.80E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Camden	34007	U	1,1,2,2-Tetrachloroethane	2.82E-04	3.09E-04	3.69E-04	5.23E-04	1.48E-03	8.98E-04	1.37E-03	2.30E-03	1.43E-03	5.04E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Camden	34007	U	Trichloroethylene	1.19E-01	1.30E-01	1.50E-01	2.17E-01	2.40E-01	2.85E-01	3.87E-01	4.72E-01	8.18E-02	7.71E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Camden	34007	U	Vinyl Chloride	6.00E-03	6.35E-03	7.02E-03	7.52E-03	9.68E-03	8.40E-03	9.53E-03	1.11E-02	9.15E-03	5.21E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	Acetaldehyde	1.07E-01	1.10E-01	1.28E-01	1.61E-01	1.67E-01	2.10E-01	2.35E-01	2.59E-01	2.94E-03	1.40E-02	7.56E-02	7.43E-02	0.00E+00
New Jersey	Cape May	34009	U	Acrolein	1.35E-02	1.60E-02	2.07E-02	2.23E-02	2.42E-02	3.03E-02	3.09E-02	3.83E-02	7.63E-06	3.79E-03	1.14E-02	8.98E-03	0.00E+00
New Jersey	Cape May	34009	U	Acrylonitrile	8.75E-05	1.04E-04	1.33E-04	2.10E-04	2.49E-04	3.42E-04	4.33E-04	4.67E-04	4.58E-06	2.44E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	Arsenic Compounds	7.97E-05	8.01E-05	8.64E-05	1.31E-04	3.80E-04	3.74E-04	6.94E-04	1.81E-03	3.63E-04	1.65E-05	1.94E-07	3.75E-08	0.00E+00
New Jersey	Cape May	34009	U	Benzene	6.22E-01	6.89E-01	7.25E-01	7.86E-01	8.03E-01	8.49E-01	9.99E-01	1.00E+00	1.17E-02	1.80E-02	1.06E-01	1.88E-01	4.80E-01
New Jersey	Cape May	34009	U	Beryllium Compounds	1.57E-05	1.61E-05	1.84E-05	2.79E-05	4.39E-05	4.85E-05	8.49E-05	1.52E-04	3.39E-05	9.95E-06	0.00E+00	2.04E-10	0.00E+00
New Jersey	Cape May	34009	U	1,3-Butadiene	7.65E-03	1.25E-02	1.46E-02	2.14E-02	2.29E-02	2.84E-02	3.93E-02	4.83E-02	0.00E+00	5.12E-04	1.12E-02	1.12E-02	0.00E+00
New Jersey	Cape May	34009	U	Cadmium Compounds	1.80E-05	1.90E-05	2.21E-05	3.13E-05	5.09E-05	6.33E-05	1.00E-04	1.68E-04	3.58E-05	1.51E-05	0.00E+00	2.82E-09	0.00E+00
New Jersey	Cape May	34009	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	8.39E-09	7.17E-05	0.00E+00	0.00E+00	8.80E-01
New Jersey	Cape May	34009	U	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.36E-02	8.36E-02	8.38E-02	8.39E-02	8.40E-02	4.89E-08	6.15E-04	0.00E+00	0.00E+00	8.30E-02
New Jersey	Cape May	34009	U	Chromium Compounds	4.51E-05	5.55E-05	5.79E-05	7.23E-05	9.76E-05	1.28E-04	1.98E-04	2.30E-04	4.63E-05	2.12E-05	1.17E-05	1.84E-05	0.00E+00
New Jersey	Cape May	34009	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
New Jersey	Cape May	34009	U	1,3-Dichloropropene	9.36E-03	1.15E-02	1.59E-02	2.27E-02	2.66E-02	3.69E-02	5.54E-02	6.02E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	Diesel Particulate Matter	1.41E+00	1.43E+00	1.55E+00	1.99E+00	2.23E+00	2.42E+00	2.92E+00	4.79E+00	0.00E+00	0.00E+00	4.97E-01	1.73E+00	***
New Jersey	Cape May	34009	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	2.56E-09	1.41E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Cape May	34009	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.70E-06	3.12E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Cape May	34009	U	Ethylene Oxide	1.05E-04	1.73E-04	2.06E-04	5.18E-04	4.98E-04	6.18E-04	9.65E-04	9.96E-04	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	Formaldehyde	3.61E-01	3.96E-01	4.33E-01	4.53E-01	4.67E-01	5.15E-01	5.25E-01	5.80E-01	1.43E-03	2.07E-02	8.57E-02	1.09E-01	2.50E-01
New Jersey	Cape May	34009	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	1.14E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Cape May	34009	U	Hydrazine	1.73E-10	2.67E-10	3.94E-10	6.52E-10	7.67E-10	1.13E-09	1.40E-09	1.61E-09	0.00E+00	7.67E-10	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	Lead Compounds	1.00E-04	1.31E-04	1.39E-04	1.74E-04	3.64E-04	5.98E-04	8.61E-04	8.63E-04	1.38E-04	1.90E-04	1.69E-05	1.91E-05	0.00E+00
New Jersey	Cape May	34009	U	Manganese Compounds	2.03E-04	2.48E-04	3.13E-04	4.09E-04	4.56E-04	5.29E-04	7.32E-04	7.33E-04	1.21E-04	3.09E-04	4.85E-06	2.10E-05	0.00E+00
New Jersey	Cape May	34009	U	Mercury Compounds	1.55E-03	1.55E-03	1.56E-03	1.59E-03	1.62E-03	1.66E-03	1.71E-03	1.80E-03	4.44E-05	7.34E-05	1.62E-07	5.09E-06	1.50E-03
New Jersey	Cape May	34009	U	Methylene Chloride	1.70E-01	1.71E-01	1.74E-01	1.98E-01	1.97E-01	2.13E-01	2.28E-01	2.30E-01	2.40E-05	4.67E-02	0.00E+00	0.00E+00	1.50E-01
New Jersey	Cape May	34009	U	Nickel Compounds	9.29E-05	1.01E-04	1.20E-04	1.46E-04	3.48E-04	2.69E-04	5.69E-04	1.60E-03	2.70E-04	5.87E-05	9.14E-06	1.02E-05	0.00E+00
New Jersey	Cape May	34009	U	Perchloroethylene	1.48E-01	1.48E-01	1.50E-01	1.59E-01	1.58E-01	1.63E-01	1.75E-01	1.75E-01	9.31E-06	1.84E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Cape May	34009	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
New Jersey	Cape May	34009	U	Polycyclic Organic Matter	1.20E-02	1.40E-02	1.75E-02	2.26E-02	2.50E-02	2.98E-02	4.24E-02	4.27E-02	4.90E-03	2.00E-02	6.91E-05	4.12E-05	0.00E+00
New Jersey	Cape May	34009	U	7-PAH	5.78E-04	5.89E-04	6.99E-04	9.69E-04	1.09E-03	1.35E-03	2.10E-03	2.21E-03	1.04E-08	1.01E-03	5.81E-05	2.08E-05	0.00E+00
New Jersey	Cape May	34009	U	Propylene Dichloride	5.31E-06	6.22E-06	7.84E-06	1.24E-05	1.44E-05	1.99E-05	2.49E-05	2.68E-05	2.77E-07	1.42E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	Quinoline	3.60E-09	7.20E-09	9.98E-09	2.37E-08	2.31E-08	3.66E-08	4.37E-08	4.95E-08	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	1,1,2,2-Tetrachloroethane	4.23E-05	5.01E-05	6.56E-05	1.02E-04	1.23E-04	1.73E-04	2.13E-04	2.29E-04	2.54E-06	1.20E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May	34009	U	Trichloroethylene	8.27E-02	8.29E-02	8.39E-02	8.60E-02	8.69E-02	8.85E-02	9.32E-02	9.39E-02	4.86E-06	5.93E-03	0.00E+00	0.00E+00	8.10E-02
New Jersey	Cape May	34009	U	Vinyl Chloride	1.05E-04	1.25E-04	1.63E-04	2.53E-04	3.03E-04	4.26E-04	5.25E-04	5.64E-04	6.26E-06	2.96E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	Acetaldehyde	2.17E-01	2.63E-01	3.52E-01	4.29E-01	4.43E-01	5.55E-01	5.95E-01	6.04E-01	1.45E-03	1.10E-01	2.07E-01	1.25E-01	0.00E+00
New Jersey	Cumberland	34011	U	Acrolein	2.68E-02	3.53E-02	4.87E-02	5.58E-02	5.50E-02	6.46E-02	7.23E-02	7.48E-02	2.07E-03	1.16E-02	2.64E-02	1.48E-02	0.00E+00
New Jersey	Cumberland	34011	U	Acrylonitrile	2.91E-04	3.42E-04	3.67E-04	5.04E-04	6.88E-04	1.10E-03	1.20E-03	1.26E-03	3.80E-04	3.09E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	Arsenic Compounds	1.39E-04	1.47E-04	3.27E-04	5.47E-04	1.12E-03	1.79E-03	2.36E-03	2.37E-03	1.29E-04	9.82E-04	4.16E-07	6.46E-06	0.00E+00
New Jersey	Cumberland	34011	U	Benzene	7.64E-01	7.68E-01	8.45E-01	1.07E+00	1.23E+00	1.57E+00	1.70E+00	1.83E+00	3.91E-02	2.71E-01	3.23E-01	1.13E-01	4.80E-01
New Jersey	Cumberland	34011	U	Beryllium Compounds	4.74E-05	5.54E-05	1.18E-04	2.82E-04	7.21E-04	1.25E-03	1.60E-03	1.61E-03	1.77E-05	7.03E-04	0.00E+00	4.27E-08	0.00E+00
New Jersey	Cumberland	34011	U	1,3-Butadiene	1.20E-02	1.25E-02	1.56E-02	3.67E-02	3.72E-02	5.30E-02	6.67E-02	7.31E-02	1.53E-04	2.90E-03	2.77E-02	6.51E-03	0.00E+00
New Jersey	Cumberland	34011	U	Cadmium Compounds	1.43E-04	1.44E-04	2.19E-04	3.29E-04	8.55E-04	1.42E-03	1.81E-03	1.82E-03	4.40E-05	8.10E-04	0.00E+00	5.91E-07	0.00E+00
New Jersey	Cumberland	34011	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	8.56E-08	2.13E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Cumberland	34011	U	Chloroform	8.38E-02	8.39E-02	8.42E-02	8.59E-02	8.54E-02	8.64E-02	8.67E-02	8.67E-02	7.84E-04	1.62E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Cumberland	34011	U	Chromium Compounds	1.96E-04	2.31E-04	4.13E-04	7.21E-04	1.08E-03	1.53E-03	1.93E-03	2.14E-03	1.62E-04	8.19E-04	2.72E-05	6.99E-05	0.00E+00
New Jersey	Cumberland	34011	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
New Jersey	Cumberland	34011	U	1,3-Dichloropropene	1.11E-02	1.49E-02	2.40E-02	5.80E-02	6.77E-02	1.14E-01	1.33E-01	1.49E-01	0.00E+00	6.77E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	Diesel Particulate Matter	1.95E+00	2.04E+00	2.09E+00	2.30E+00	2.54E+00	2.60E+00	3.36E+00	3.43E+00	0.00E+00	0.00E+00	7.30E-01	1.81E+00	***
New Jersey	Cumberland	34011	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	2.61E-08	4.20E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Cumberland	34011	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	7.78E-05	4.76E-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 New Jersey																	
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
New Jersey	Cumberland	34011	U	Ethylene Oxide	4.60E-04	5.04E-04	9.85E-04	1.61E-03	2.10E-03	3.20E-03	4.54E-03	4.76E-03	2.41E-05	2.07E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	Formaldehyde	5.04E-01	5.52E-01	6.81E-01	7.81E-01	8.31E-01	1.01E+00	1.10E+00	1.13E+00	2.83E-03	1.45E-01	2.38E-01	1.96E-01	2.50E-01
New Jersey	Cumberland	34011	U	Hexachlorobenzene	9.32E-05	9.33E-05	9.34E-05	9.36E-05	9.46E-05	9.42E-05	9.56E-05	1.05E-04	0.00E+00	1.56E-06	0.00E+00	0.00E+00	9.30E-05
New Jersey	Cumberland	34011	U	Hydrazine	5.25E-09	5.60E-09	1.23E-08	3.52E-08	7.62E-08	1.23E-07	1.52E-07	2.17E-07	1.06E-08	6.56E-08	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	Lead Compounds	9.89E-04	1.03E-03	1.58E-03	3.69E-03	6.47E-03	9.50E-03	1.31E-02	1.39E-02	1.47E-04	5.40E-03	3.72E-05	8.89E-04	0.00E+00
New Jersey	Cumberland	34011	U	Manganese Compounds	6.02E-04	6.84E-04	9.01E-04	1.51E-03	2.51E-03	3.81E-03	4.74E-03	5.33E-03	2.32E-04	2.20E-03	1.10E-05	6.87E-05	0.00E+00
New Jersey	Cumberland	34011	U	Mercury Compounds	1.77E-03	1.77E-03	1.97E-03	2.08E-03	2.69E-03	3.30E-03	3.78E-03	3.89E-03	3.83E-05	1.14E-03	3.60E-07	1.08E-05	1.50E-03
New Jersey	Cumberland	34011	U	Methylene Chloride	1.81E-01	1.88E-01	2.01E-01	2.52E-01	3.16E-01	4.14E-01	4.57E-01	4.97E-01	3.22E-03	1.63E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Cumberland	34011	U	Nickel Compounds	2.68E-04	2.86E-04	5.41E-04	1.18E-03	1.46E-03	1.88E-03	2.54E-03	3.13E-03	4.87E-04	7.40E-04	2.10E-05	2.08E-04	0.00E+00
New Jersey	Cumberland	34011	U	Perchloroethylene	1.51E-01	1.57E-01	1.65E-01	1.88E-01	2.04E-01	2.41E-01	2.60E-01	2.76E-01	1.00E-04	6.41E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Cumberland	34011	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
New Jersey	Cumberland	34011	U	Polycyclic Organic Matter	1.92E-02	2.70E-02	4.25E-02	9.13E-02	1.52E-01	2.48E-01	3.10E-01	3.19E-01	6.11E-03	1.45E-01	1.44E-04	3.73E-05	0.00E+00
New Jersey	Cumberland	34011	U	7-PAH	6.36E-04	6.62E-04	1.07E-03	2.38E-03	2.66E-03	4.19E-03	4.67E-03	5.24E-03	1.22E-07	2.57E-03	7.51E-05	1.16E-05	0.00E+00
New Jersey	Cumberland	34011	U	Propylene Dichloride	1.43E-05	1.51E-05	2.13E-05	2.34E-05	2.27E-05	2.54E-05	2.93E-05	3.05E-05	2.83E-06	1.98E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	Quinoline	7.99E-08	8.30E-08	1.89E-07	3.05E-07	3.38E-07	4.22E-07	5.11E-07	6.57E-07	0.00E+00	3.38E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	1,1,2,2-Tetrachloroethane	1.09E-04	1.20E-04	1.50E-04	1.61E-04	1.60E-04	1.73E-04	1.86E-04	2.02E-04	2.59E-05	1.34E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland	34011	U	Trichloroethylene	8.54E-02	8.56E-02	8.73E-02	9.39E-02	1.03E-01	1.17E-01	1.24E-01	1.26E-01	2.36E-04	2.22E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Cumberland	34011	U	Vinyl Chloride	2.97E-04	3.32E-04	4.20E-04	4.71E-03	8.33E-03	1.65E-02	1.82E-02	2.02E-02	7.97E-03	3.59E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	Acetaldehyde	1.41E+00	1.53E+00	1.63E+00	1.80E+00	1.91E+00	1.98E+00	2.68E+00	2.91E+00	2.86E-04	2.06E-01	8.88E-01	8.20E-01	0.00E+00
New Jersey	Essex	34013	U	Acrolein	1.69E-01	1.85E-01	2.06E-01	2.33E-01	2.56E-01	2.72E-01	3.97E-01	4.28E-01	1.29E-05	2.22E-02	1.05E-01	1.28E-01	0.00E+00
New Jersey	Essex	34013	U	Acrylonitrile	1.66E-03	1.81E-03	2.04E-03	2.35E-03	2.48E-03	2.68E-03	3.50E-03	4.15E-03	1.81E-03	6.74E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	Arsenic Compounds	7.76E-05	8.63E-05	1.00E-04	1.17E-04	1.20E-04	1.32E-04	1.52E-04	1.74E-04	8.30E-06	1.10E-04	1.88E-06	1.02E-07	0.00E+00
New Jersey	Essex	34013	U	Benzene	1.52E+00	1.60E+00	1.79E+00	2.04E+00	2.04E+00	2.25E+00	2.51E+00	2.61E+00	3.80E-02	6.29E-02	9.93E-01	4.67E-01	4.80E-01
New Jersey	Essex	34013	U	Beryllium Compounds	1.82E-05	2.06E-05	2.48E-05	3.09E-05	3.12E-05	3.58E-05	4.10E-05	4.66E-05	2.99E-07	3.09E-05	0.00E+00	1.76E-10	0.00E+00
New Jersey	Essex	34013	U	1,3-Butadiene	5.90E-02	6.67E-02	8.61E-02	1.11E-01	1.19E-01	1.43E-01	1.76E-01	1.96E-01	4.38E-06	2.49E-04	9.16E-02	2.69E-02	0.00E+00
New Jersey	Essex	34013	U	Cadmium Compounds	1.43E-04	1.48E-04	1.55E-04	1.69E-04	1.89E-04	1.86E-04	3.07E-04	3.47E-04	1.08E-05	1.79E-04	0.00E+00	2.44E-09	0.00E+00
New Jersey	Essex	34013	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.83E-01	8.83E-01	4.60E-06	1.47E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Essex	34013	U	Chloroform	9.21E-02	9.23E-02	9.30E-02	9.37E-02	9.54E-02	9.49E-02	1.03E-01	1.05E-01	1.19E-03	1.13E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Essex	34013	U	Chromium Compounds	2.09E-03	2.20E-03	2.41E-03	2.81E-03	3.76E-03	3.53E-03	5.01E-03	1.02E-02	1.57E-04	3.19E-03	1.20E-04	2.94E-04	0.00E+00
New Jersey	Essex	34013	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
New Jersey	Essex	34013	U	1,3-Dichloropropene	1.21E-01	1.34E-01	1.95E-01	2.36E-01	2.48E-01	3.03E-01	3.69E-01	3.95E-01	0.00E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	Diesel Particulate Matter	3.65E+00	3.74E+00	3.88E+00	4.20E+00	5.08E+00	4.70E+00	9.60E+00	1.04E+01	0.00E+00	0.00E+00	1.22E+00	3.86E+00	***
New Jersey	Essex	34013	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	1.01E-06	3.36E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Essex	34013	U	Ethylene Dichloride	6.15E-02	6.16E-02	6.17E-02	6.17E-02	6.18E-02	6.18E-02	6.19E-02	6.20E-02	6.14E-04	1.48E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Essex	34013	U	Ethylene Oxide	5.72E-03	5.82E-03	6.26E-03	7.14E-03	8.15E-03	8.71E-03	1.16E-02	1.46E-02	6.87E-04	7.46E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	Formaldehyde	1.96E+00	2.08E+00	2.23E+00	2.40E+00	2.65E+00	2.71E+00	4.06E+00	4.37E+00	5.67E-03	1.25E-01	8.10E-01	1.46E+00	2.50E-01
New Jersey	Essex	34013	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	2.93E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Essex	34013	U	Hydrazine	1.04E-04	1.27E-04	1.83E-04	2.91E-04	7.61E-04	6.54E-04	1.39E-03	3.47E-03	9.99E-06	7.51E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	Lead Compounds	8.17E-03	9.58E-03	1.19E-02	1.68E-02	2.30E-02	2.54E-02	4.64E-02	6.27E-02	1.81E-04	5.19E-03	1.67E-04	1.75E-02	0.00E+00
New Jersey	Essex	34013	U	Manganese Compounds	2.26E-03	2.49E-03	3.37E-03	4.15E-03	4.21E-03	4.95E-03	5.77E-03	6.43E-03	5.29E-05	3.79E-03	4.90E-05	3.21E-04	0.00E+00
New Jersey	Essex	34013	U	Mercury Compounds	2.61E-03	2.64E-03	2.72E-03	2.86E-03	3.10E-03	3.03E-03	4.38E-03	4.80E-03	7.96E-05	1.44E-03	1.60E-06	8.42E-05	1.50E-03
New Jersey	Essex	34013	U	Methylene Chloride	6.35E-01	6.79E-01	7.40E-01	8.29E-01	9.29E-01	9.36E-01	1.12E+00	1.60E+00	7.29E-02	7.06E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Essex	34013	U	Nickel Compounds	3.03E-03	3.11E-03	3.25E-03	3.57E-03	3.95E-03	3.95E-03	5.00E-03	6.43E-03	3.36E-03	3.36E-03	9.36E-05	1.38E-04	0.00E+00
New Jersey	Essex	34013	U	Perchloroethylene	3.47E-01	3.68E-01	4.08E-01	4.79E-01	4.85E-01	5.48E-01	6.07E-01	6.71E-01	2.36E-02	3.22E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Essex	34013	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	1.13E-08	0.00E+00	0.00E+00	3.80E-04
New Jersey	Essex	34013	U	Polycyclic Organic Matter	1.05E-01	1.13E-01	1.65E-01	1.93E-01	1.98E-01	2.37E-01	2.81E-01	2.96E-01	4.20E-03	1.93E-01	3.99E-04	2.57E-04	0.00E+00
New Jersey	Essex	34013	U	7-PAH	5.43E-03	6.02E-03	8.66E-03	1.02E-02	1.04E-02	1.24E-02	1.47E-02	1.57E-02	1.73E-06	1.02E-02	1.92E-04	2.61E-05	0.00E+00
New Jersey	Essex	34013	U	Propylene Dichloride	1.11E-04	1.17E-04	1.29E-04	1.55E-04	1.65E-04	1.76E-04	2.22E-04	2.79E-04	1.09E-04	5.60E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	Quinoline	1.86E-06	2.03E-06	2.37E-06	2.76E-06	3.99E-06	3.73E-06	5.14E-06	9.41E-06	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	1,1,2,2-Tetrachloroethane	6.77E-04	7.63E-04	8.91E-04	1.05E-03	1.07E-03	1.21E-03	1.40E-03	1.50E-03	1.00E-03	6.95E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Essex	34013	U	Trichloroethylene	1.71E-01	1.81E-01	1.91E-01	2.19E-01	2.57E-01	2.61E-01	3.31E-01	4.19E-01	7.92E-02	9.71E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Essex	34013	U	Vinyl Chloride	1.92E-03	2.10E-03	2.46E-03	2.94E-03	2.97E-03	3.64E-03	3.90E-03	4.23E-03	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Gloucester	34015	U	Acetaldehyde	6.82E-01	7.45E-01	9.33E-01	1.04E+00	1.13E+00	1.34E+00	1.58E+00	1.68E+00	6.09E-04	1.34E-01	5.85E-01	4.09E-01	0.00E+00
New Jersey	Gloucester	34015	U	Acrolein	8.66E-02	9.52E-02	1.14E-01	1.29E-01	1.41E-01	1.64E-01	1.97E-01	2.28E-01	5.88E-05	1.27E-02	6.57E-02	6.30E-02	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																		
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	
New Jersey	Gloucester	34015	U	Acrylonitrile	6.12E-04	6.48E-04	7.16E-04	7.84E-04	8.51E-04	9.57E-04	1.19E-03	1.24E-03	2.94E-04	5.57E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester	34015	U	Arsenic Compounds	1.72E-04	1.82E-04	2.23E-04	2.70E-04	3.01E-04	3.61E-04	4.81E-04	5.54E-04	7.95E-05	1.47E-04	6.80E-07	7.35E-05	0.00E+00	
New Jersey	Gloucester	34015	U	Benzene	1.10E+00	1.15E+00	1.38E+00	1.53E+00	1.69E+00	1.90E+00	2.36E+00	2.89E+00	3.61E-01	5.34E-02	5.91E-01	2.03E-01	4.80E-01	
New Jersey	Gloucester	34015	U	Beryllium Compounds	2.07E-05	2.18E-05	2.32E-05	2.74E-05	3.07E-05	3.36E-05	3.69E-05	4.11E-05	5.35E-06	2.47E-05	0.00E+00	6.34E-07	0.00E+00	
New Jersey	Gloucester	34015	U	1,3-Butadiene	2.37E-02	2.64E-02	3.76E-02	4.74E-02	4.99E-02	6.17E-02	7.20E-02	9.09E-02	9.66E-06	1.01E-03	3.54E-02	1.35E-02	0.00E+00	
New Jersey	Gloucester	34015	U	Cadmium Compounds	3.66E-04	3.73E-04	4.34E-04	5.08E-04	5.86E-04	7.19E-04	9.06E-04	9.69E-04	5.42E-05	5.23E-04	0.00E+00	8.84E-06	0.00E+00	
New Jersey	Gloucester	34015	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	8.82E-01	4.93E-07	8.24E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Gloucester	34015	U	Chloroform	8.75E-02	8.79E-02	8.89E-02	9.04E-02	9.16E-02	9.48E-02	9.65E-02	9.77E-02	3.31E-03	5.33E-03	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Gloucester	34015	U	Chromium Compounds	1.58E-03	1.88E-03	2.40E-03	2.98E-03	3.50E-03	4.20E-03	5.84E-03	7.52E-03	3.01E-04	2.67E-03	4.55E-05	4.84E-04	0.00E+00	
New Jersey	Gloucester	34015	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	
New Jersey	Gloucester	34015	U	1,3-Dichloropropene	4.20E-02	4.60E-02	6.70E-02	8.65E-02	8.57E-02	9.87E-02	1.20E-01	1.27E-01	0.00E+00	8.57E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester	34015	U	Diesel Particulate Matter	2.34E+00	2.38E+00	2.51E+00	2.74E+00	3.04E+00	3.25E+00	4.21E+00	5.06E+00	0.00E+00	0.00E+00	8.69E-01	2.17E+00	***	
New Jersey	Gloucester	34015	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	1.50E-07	9.34E-07	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Gloucester	34015	U	Ethylene Dichloride	6.85E-02	6.96E-02	7.18E-02	7.61E-02	7.73E-02	8.19E-02	8.70E-02	9.00E-02	1.61E-02	1.79E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Gloucester	34015	U	Ethylene Oxide	2.17E-03	2.51E-03	3.50E-03	4.37E-03	4.55E-03	5.12E-03	6.88E-03	8.07E-03	5.57E-05	4.49E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester	34015	U	Formaldehyde	1.05E+00	1.15E+00	1.29E+00	1.43E+00	1.51E+00	1.71E+00	1.97E+00	2.16E+00	1.12E-02	1.01E-01	5.08E-01	6.45E-01	2.50E-01	
New Jersey	Gloucester	34015	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.36E-05	9.38E-05	0.00E+00	3.01E-07	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Gloucester	34015	U	Hydrazine	1.91E-08	2.24E-08	3.59E-08	8.61E-08	1.72E-07	1.96E-07	4.21E-07	6.83E-07	7.44E-09	1.64E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester	34015	U	Lead Compounds	5.47E-03	6.18E-03	7.59E-03	9.75E-03	1.36E-02	1.71E-02	2.50E-02	3.35E-02	2.15E-04	5.31E-03	6.11E-05	8.04E-03	0.00E+00	
New Jersey	Gloucester	34015	U	Manganese Compounds	1.15E-03	1.52E-03	1.93E-03	2.37E-03	2.77E-03	3.38E-03	4.40E-03	5.84E-03	3.88E-04	1.95E-03	1.80E-05	4.13E-04	0.00E+00	
New Jersey	Gloucester	34015	U	Mercury Compounds	2.16E-03	2.27E-03	2.40E-03	2.59E-03	2.84E-03	3.05E-03	3.87E-03	4.11E-03	1.96E-04	1.11E-03	5.93E-07	3.47E-05	1.50E-03	
New Jersey	Gloucester	34015	U	Methylene Chloride	2.48E-01	2.68E-01	3.17E-01	3.74E-01	3.90E-01	4.43E-01	5.34E-01	6.02E-01	1.45E-02	2.25E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Gloucester	34015	U	Nickel Compounds	1.51E-03	1.72E-03	2.54E-03	3.38E-03	4.58E-03	5.62E-03	8.56E-03	1.26E-02	8.55E-04	1.03E-03	3.50E-05	2.66E-03	0.00E+00	
New Jersey	Gloucester	34015	U	Perchloroethylene	1.89E-01	1.96E-01	2.24E-01	2.41E-01	2.50E-01	2.74E-01	3.17E-01	3.29E-01	5.02E-04	1.10E-01	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Gloucester	34015	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.84E-04	3.84E-04	3.86E-04	3.88E-04	3.88E-04	0.00E+00	4.46E-06	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Gloucester	34015	U	Polycyclic Organic Matter	4.86E-02	5.27E-02	7.32E-02	9.31E-02	1.11E-01	1.32E-01	1.88E-01	2.46E-01	4.02E-02	7.02E-02	2.81E-04	1.64E-04	0.00E+00	
New Jersey	Gloucester	34015	U	7-PAH	1.97E-03	2.21E-03	2.99E-03	3.84E-03	3.83E-03	4.46E-03	5.48E-03	5.78E-03	2.27E-06	3.67E-03	1.45E-04	1.94E-05	0.00E+00	
New Jersey	Gloucester	34015	U	Propylene Dichloride	3.55E-05	3.82E-05	4.09E-05	4.54E-05	4.96E-05	5.57E-05	6.75E-05	7.66E-05	1.63E-05	3.33E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester	34015	U	Quinoline	3.47E-07	3.72E-07	5.20E-07	7.40E-07	9.29E-07	1.15E-06	1.56E-06	2.48E-06	0.00E+00	9.29E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester	34015	U	1,1,2,2-Tetrachloroethane	2.46E-04	2.52E-04	2.62E-04	2.85E-04	3.02E-04	3.33E-04	3.64E-04	3.88E-04	1.49E-04	1.53E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester	34015	U	Trichloroethylene	9.87E-02	1.01E-01	1.12E-01	1.28E-01	1.36E-01	1.55E-01	1.87E-01	2.06E-01	1.99E-02	3.53E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Gloucester	34015	U	Vinyl Chloride	5.39E-03	5.96E-03	9.39E-03	1.29E-02	1.66E-02	2.04E-02	2.53E-02	3.58E-02	1.60E-02	6.24E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson	34017	U	Acetaldehyde	2.37E+00	2.44E+00	2.86E+00	3.08E+00	3.10E+00	3.40E+00	3.77E+00	3.83E+00	3.26E-04	3.30E-01	1.22E+00	1.55E+00	0.00E+00	
New Jersey	Hudson	34017	U	Acrolein	3.03E-01	3.25E-01	3.69E-01	4.04E-01	4.13E-01	4.52E-01	5.08E-01	5.49E-01	1.65E-05	3.20E-02	1.46E-01	2.35E-01	0.00E+00	
New Jersey	Hudson	34017	U	Acrylonitrile	2.95E-03	3.17E-03	3.50E-03	3.98E-03	4.32E-03	4.50E-03	5.36E-03	5.80E-03	2.89E-03	1.43E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson	34017	U	Arsenic Compounds	1.42E-04	1.55E-04	2.08E-04	2.95E-04	4.19E-04	3.74E-04	6.01E-04	8.79E-04	1.60E-05	3.99E-04	2.92E-06	2.37E-07	0.00E+00	
New Jersey	Hudson	34017	U	Benzene	2.09E+00	2.29E+00	2.58E+00	2.90E+00	2.96E+00	3.37E+00	3.66E+00	3.87E+00	4.75E-02	1.73E-01	1.50E+00	7.57E-01	4.80E-01	
New Jersey	Hudson	34017	U	Beryllium Compounds	2.79E-05	3.27E-05	4.13E-05	5.19E-05	5.42E-05	5.90E-05	7.60E-05	8.77E-05	4.18E-07	5.38E-05	0.00E+00	8.94E-10	0.00E+00	
New Jersey	Hudson	34017	U	1,3-Butadiene	1.05E-01	1.19E-01	1.40E-01	1.80E-01	1.87E-01	2.25E-01	2.73E-01	2.86E-01	4.52E-06	3.87E-04	1.50E-01	3.63E-02	0.00E+00	
New Jersey	Hudson	34017	U	Cadmium Compounds	2.15E-04	2.24E-04	3.63E-04	5.99E-04	9.63E-04	8.63E-04	1.47E-03	2.22E-03	1.38E-05	9.49E-04	0.00E+00	1.24E-08	0.00E+00	
New Jersey	Hudson	34017	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.82E-01	8.83E-01	8.84E-01	8.84E-01	8.85E-01	8.88E-01	6.82E-06	3.87E-03	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Hudson	34017	U	Chloroform	9.48E-02	9.59E-02	9.82E-02	1.03E-01	1.09E-01	1.08E-01	1.17E-01	1.30E-01	5.14E-04	2.53E-02	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Hudson	34017	U	Chromium Compounds	3.29E-03	3.36E-03	3.59E-03	3.93E-03	4.05E-03	4.24E-03	4.86E-03	5.52E-03	2.28E-04	3.01E-03	1.83E-04	6.29E-04	0.00E+00	
New Jersey	Hudson	34017	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	
New Jersey	Hudson	34017	U	1,3-Dichloropropene	2.05E-01	2.21E-01	2.78E-01	3.24E-01	3.55E-01	4.20E-01	5.35E-01	5.81E-01	0.00E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson	34017	U	Diesel Particulate Matter	7.37E+00	7.66E+00	8.29E+00	9.91E+00	1.09E+01	1.24E+01	1.52E+0							

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																	
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
New Jersey	Hudson	34017	U	Mercury Compounds	3.19E-03	3.33E-03	3.88E-03	4.66E-03	5.27E-03	5.59E-03	6.52E-03	7.58E-03	1.85E-04	3.41E-03	2.44E-06	1.81E-04	1.50E-03
New Jersey	Hudson	34017	U	Methylene Chloride	9.20E-01	9.75E-01	1.05E+00	1.19E+00	1.22E+00	1.34E+00	1.50E+00	1.58E+00	6.17E-02	1.00E+00	0.00E+00	0.00E+00	1.50E-01
New Jersey	Hudson	34017	U	Nickel Compounds	4.17E-03	4.34E-03	4.78E-03	5.39E-03	5.44E-03	5.96E-03	6.56E-03	7.00E-03	5.40E-04	4.47E-03	1.43E-04	2.92E-04	0.00E+00
New Jersey	Hudson	34017	U	Perchloroethylene	4.14E-01	4.48E-01	4.96E-01	5.72E-01	5.74E-01	6.28E-01	7.12E-01	7.46E-01	1.68E-02	4.17E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Hudson	34017	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	6.66E-09	0.00E+00	0.00E+00	3.80E-04
New Jersey	Hudson	34017	U	Polycyclic Organic Matter	1.80E-01	1.91E-01	2.35E-01	2.70E-01	2.89E-01	3.39E-01	4.16E-01	4.40E-01	5.06E-03	2.83E-01	4.92E-04	3.68E-04	0.00E+00
New Jersey	Hudson	34017	U	7-PAH	9.16E-03	9.77E-03	1.25E-02	1.43E-02	1.55E-02	1.82E-02	2.22E-02	2.45E-02	3.57E-06	1.52E-02	2.30E-04	4.69E-05	0.00E+00
New Jersey	Hudson	34017	U	Propylene Dichloride	1.98E-04	2.05E-04	2.12E-04	2.35E-04	2.58E-04	2.80E-04	3.37E-04	3.64E-04	1.75E-04	8.32E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hudson	34017	U	Quinoline	2.63E-06	2.72E-06	2.97E-06	3.46E-06	4.23E-06	4.51E-06	6.68E-06	9.71E-06	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hudson	34017	U	1,1,2,2-Tetrachloroethane	1.26E-03	1.28E-03	1.34E-03	1.53E-03	1.68E-03	1.84E-03	2.52E-03	2.68E-03	1.60E-03	7.75E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hudson	34017	U	Trichloroethylene	2.16E-01	2.29E-01	2.60E-01	2.94E-01	2.93E-01	3.22E-01	3.51E-01	3.71E-01	3.94E-02	1.72E-01	0.00E+00	0.00E+00	8.10E-02
New Jersey	Hudson	34017	U	Vinyl Chloride	3.72E-03	3.78E-03	3.94E-03	4.52E-03	4.80E-03	5.18E-03	6.77E-03	7.27E-03	3.94E-03	8.54E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	Acetaldehyde	4.08E-01	4.30E-01	4.79E-01	5.27E-01	5.66E-01	6.52E-01	7.00E-01	8.17E-01	4.92E-05	4.16E-02	3.69E-01	1.55E-01	0.00E+00
New Jersey	Hunterdon	34019	U	Acrolein	4.98E-02	5.03E-02	5.71E-02	6.24E-02	6.56E-02	7.30E-02	7.69E-02	8.72E-02	5.00E-06	8.09E-03	4.03E-02	1.72E-02	0.00E+00
New Jersey	Hunterdon	34019	U	Acrylonitrile	4.91E-04	5.22E-04	6.36E-04	8.31E-04	8.70E-04	1.07E-03	1.24E-03	1.29E-03	6.99E-04	1.71E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	Arsenic Compounds	1.99E-05	2.29E-05	2.66E-05	3.11E-05	3.71E-05	3.86E-05	6.06E-05	8.43E-05	9.79E-06	2.67E-05	3.83E-07	1.98E-07	0.00E+00
New Jersey	Hunterdon	34019	U	Benzene	8.36E-01	8.37E-01	8.73E-01	9.27E-01	9.75E-01	1.05E+00	1.24E+00	1.24E+00	2.57E-03	2.38E-02	3.24E-01	1.45E-01	4.80E-01
New Jersey	Hunterdon	34019	U	Beryllium Compounds	3.98E-06	4.01E-06	4.59E-06	5.76E-06	7.39E-06	7.08E-06	1.18E-05	2.15E-05	4.87E-07	6.90E-06	0.00E+00	1.23E-09	0.00E+00
New Jersey	Hunterdon	34019	U	1,3-Butadiene	1.54E-02	1.63E-02	1.70E-02	1.93E-02	2.42E-02	2.24E-02	4.31E-02	4.90E-02	2.04E-08	3.59E-04	2.04E-02	3.40E-03	0.00E+00
New Jersey	Hunterdon	34019	U	Cadmium Compounds	2.71E-05	2.72E-05	3.20E-05	3.86E-05	4.86E-05	6.47E-05	7.21E-05	8.56E-05	9.19E-06	3.94E-05	0.00E+00	1.70E-08	0.00E+00
New Jersey	Hunterdon	34019	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	1.29E-06	2.69E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Hunterdon	34019	U	Chloroform	8.65E-02	1.37E-01	1.49E-01	1.53E-01	1.65E-01	1.89E-01	2.10E-01	2.35E-01	7.95E-02	2.27E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Hunterdon	34019	U	Chromium Compounds	4.64E-04	4.75E-04	5.60E-04	6.36E-04	8.69E-04	8.79E-04	1.65E-03	2.39E-03	6.08E-05	7.33E-04	2.50E-05	5.04E-05	0.00E+00
New Jersey	Hunterdon	34019	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-05	0.00E+00	3.13E-04	3.34E-04	6.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	1,3-Dichloropropene	3.12E-02	3.13E-02	3.42E-02	3.90E-02	4.88E-02	4.66E-02	8.71E-02	9.88E-02	0.00E+00	4.88E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	Diesel Particulate Matter	2.65E+00	2.67E+00	2.73E+00	2.83E+00	2.93E+00	3.03E+00	3.37E+00	3.78E+00	0.00E+00	0.00E+00	1.03E+00	1.90E+00	***
New Jersey	Hunterdon	34019	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	3.85E-07	3.03E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Hunterdon	34019	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.22E-02	6.21E-02	6.27E-02	6.86E-02	1.12E-03	2.87E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Hunterdon	34019	U	Ethylene Oxide	1.51E-03	1.63E-03	1.74E-03	2.01E-03	2.55E-03	2.53E-03	3.52E-03	7.43E-03	2.82E-04	2.27E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	Formaldehyde	7.04E-01	7.13E-01	7.80E-01	8.36E-01	8.92E-01	9.74E-01	1.14E+00	1.14E+00	3.68E-04	6.52E-02	3.21E-01	2.55E-01	2.50E-01
New Jersey	Hunterdon	34019	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	4.89E-08	0.00E+00	0.00E+00	9.30E-05
New Jersey	Hunterdon	34019	U	Hydrazine	1.16E-08	1.23E-08	1.36E-06	1.99E-06	1.97E-06	2.81E-06	2.98E-06	4.56E-06	1.82E-06	1.50E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	Lead Compounds	5.87E-04	5.97E-04	6.47E-04	8.29E-04	9.00E-04	9.76E-04	1.33E-03	1.63E-03	1.96E-04	6.25E-04	3.44E-05	4.56E-05	0.00E+00
New Jersey	Hunterdon	34019	U	Manganese Compounds	6.27E-04	6.41E-04	7.24E-04	8.36E-04	1.07E-03	1.08E-03	1.93E-03	2.71E-03	2.20E-05	9.86E-04	9.82E-06	5.58E-05	0.00E+00
New Jersey	Hunterdon	34019	U	Mercury Compounds	1.66E-03	1.68E-03	1.74E-03	1.79E-03	1.82E-03	1.88E-03	1.95E-03	2.01E-03	2.19E-05	2.80E-04	3.36E-07	1.44E-05	1.50E-03
New Jersey	Hunterdon	34019	U	Methylene Chloride	2.64E-01	2.68E-01	2.73E-01	3.05E-01	3.43E-01	3.53E-01	4.44E-01	6.30E-01	5.42E-02	1.38E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Hunterdon	34019	U	Nickel Compounds	5.43E-04	5.50E-04	5.76E-04	8.04E-04	1.02E-03	9.45E-04	2.08E-03	3.08E-03	3.24E-05	9.40E-04	1.94E-05	2.83E-05	0.00E+00
New Jersey	Hunterdon	34019	U	Perchloroethylene	1.77E-01	1.77E-01	1.81E-01	1.88E-01	2.05E-01	1.97E-01	2.60E-01	3.15E-01	1.46E-03	6.34E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Hunterdon	34019	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.82E-04	0.00E+00	1.52E-07	0.00E+00	0.00E+00	3.80E-04
New Jersey	Hunterdon	34019	U	Polycyclic Organic Matter	2.66E-02	2.66E-02	3.02E-02	3.48E-02	4.09E-02	4.30E-02	7.34E-02	7.97E-02	2.64E-04	4.04E-02	1.93E-04	2.89E-05	0.00E+00
New Jersey	Hunterdon	34019	U	7-PAH	1.53E-03	1.58E-03	1.72E-03	2.00E-03	2.29E-03	2.44E-03	4.10E-03	4.11E-03	4.55E-07	2.19E-03	8.74E-05	1.33E-05	0.00E+00
New Jersey	Hunterdon	34019	U	Propylene Dichloride	2.96E-05	3.08E-05	3.86E-05	5.02E-05	5.21E-05	6.42E-05	7.45E-05	7.54E-05	4.17E-05	1.03E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	Quinoline	1.58E-07	1.72E-07	1.98E-07	2.47E-07	2.95E-07	3.56E-07	4.37E-07	6.32E-07	0.00E+00	2.95E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	1,1,2,2-Tetrachloroethane	2.32E-04	2.36E-04	3.12E-04	4.11E-04	4.26E-04	5.49E-04	6.37E-04	6.44E-04	3.82E-04	4.43E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Hunterdon	34019	U	Trichloroethylene	9.44E-02	9.59E-02	1.01E-01	1.11E-01	1.21E-01	1.30E-01	1.79E-01	1.79E-01	1.98E-02	2.07E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Hunterdon	34019	U	Vinyl Chloride	5.96E-04	6.10E-04	1.29E-03	1.86E-03</									

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																		
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	
New Jersey	Mercer	34021	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	3.86E-06	7.26E-04	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Mercer	34021	U	Chloroform	8.81E-02	8.84E-02	8.91E-02	8.95E-02	8.98E-02	9.06E-02	9.15E-02	9.17E-02	1.10E-04	6.66E-03	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Mercer	34021	U	Chromium Compounds	7.59E-04	8.40E-04	1.07E-03	2.12E-03	2.13E-03	2.77E-03	3.72E-03	3.95E-03	8.80E-04	1.04E-03	7.20E-05	1.40E-04	0.00E+00	
New Jersey	Mercer	34021	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	
New Jersey	Mercer	34021	U	1,3-Dichloropropene	6.05E-02	7.28E-02	9.08E-02	1.25E-01	1.46E-01	1.99E-01	2.60E-01	2.79E-01	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer	34021	U	Diesel Particulate Matter	3.42E+00	3.55E+00	3.69E+00	3.89E+00	4.04E+00	4.26E+00	4.94E+00	5.07E+00	0.00E+00	0.00E+00	1.32E+00	2.72E+00	*	
New Jersey	Mercer	34021	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	1.16E-06	8.35E-07	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Mercer	34021	U	Ethylene Dichloride	6.14E-02	6.15E-02	6.80E-02	6.98E-02	6.85E-02	7.07E-02	7.12E-02	7.14E-02	7.38E-03	9.86E-05	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Mercer	34021	U	Ethylene Oxide	3.02E-03	3.26E-03	3.75E-03	4.59E-03	5.43E-03	6.49E-03	8.76E-03	9.89E-03	8.45E-04	4.58E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer	34021	U	Formaldehyde	1.33E+00	1.37E+00	1.48E+00	1.60E+00	1.64E+00	1.84E+00	1.97E+00	2.05E+00	8.81E-04	1.12E-01	7.20E-01	5.61E-01	2.50E-01	
New Jersey	Mercer	34021	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.35E-05	9.36E-05	0.00E+00	2.76E-07	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Mercer	34021	U	Hydrazine	4.01E-06	4.04E-06	4.19E-06	4.49E-06	5.30E-06	5.41E-06	7.77E-06	1.00E-05	5.17E-06	1.22E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer	34021	U	Lead Compounds	1.42E-03	1.51E-03	1.66E-03	1.82E-03	1.87E-03	1.98E-03	2.23E-03	2.35E-03	4.93E-05	1.64E-03	1.00E-04	8.13E-05	0.00E+00	
New Jersey	Mercer	34021	U	Manganese Compounds	1.20E-03	1.38E-03	1.59E-03	2.03E-03	2.34E-03	2.95E-03	3.72E-03	4.01E-03	6.22E-05	2.09E-03	2.91E-05	1.51E-04	0.00E+00	
New Jersey	Mercer	34021	U	Mercury Compounds	2.09E-03	2.12E-03	2.17E-03	2.22E-03	2.26E-03	2.29E-03	2.45E-03	2.52E-03	5.29E-05	6.65E-04	9.58E-07	3.65E-05	1.50E-03	
New Jersey	Mercer	34021	U	Methylene Chloride	3.53E-01	3.85E-01	4.39E-01	5.61E-01	5.86E-01	6.76E-01	7.80E-01	8.18E-01	1.32E-02	4.23E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Mercer	34021	U	Nickel Compounds	9.78E-04	1.08E-03	1.29E-03	1.67E-03	1.93E-03	2.22E-03	2.77E-03	3.13E-03	1.79E-05	1.73E-03	5.59E-05	1.33E-04	0.00E+00	
New Jersey	Mercer	34021	U	Perchloroethylene	2.12E-01	2.20E-01	2.37E-01	2.79E-01	2.92E-01	3.36E-01	3.71E-01	3.88E-01	3.77E-03	1.49E-01	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Mercer	34021	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	1.38E-06	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Mercer	34021	U	Polycyclic Organic Matter	5.85E-02	6.61E-02	7.98E-02	1.07E-01	1.22E-01	1.60E-01	2.01E-01	2.18E-01	3.25E-03	1.19E-01	3.90E-04	4.71E-05	0.00E+00	
New Jersey	Mercer	34021	U	7-PAH	3.15E-03	3.57E-03	4.32E-03	5.50E-03	6.37E-03	8.18E-03	1.06E-02	1.14E-02	2.08E-06	6.17E-03	1.79E-04	1.98E-05	0.00E+00	
New Jersey	Mercer	34021	U	Propylene Dichloride	1.03E-04	1.07E-04	1.18E-04	1.41E-04	1.54E-04	1.80E-04	2.19E-04	2.54E-04	1.26E-04	2.85E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer	34021	U	Quinoline	5.78E-07	6.00E-07	6.90E-07	7.29E-07	8.37E-07	8.96E-07	1.21E-06	1.48E-06	0.00E+00	8.37E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer	34021	U	1,1,2,2-Tetrachloroethane	8.36E-04	8.50E-04	9.39E-04	1.17E-03	1.28E-03	1.52E-03	1.86E-03	2.12E-03	1.15E-03	1.27E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer	34021	U	Trichloroethylene	1.22E-01	1.32E-01	1.47E-01	1.77E-01	1.81E-01	2.03E-01	2.23E-01	2.27E-01	3.16E-02	6.85E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Mercer	34021	U	Vinyl Chloride	3.89E-03	4.69E-03	5.93E-03	1.05E-02	1.01E-02	1.33E-02	1.45E-02	1.54E-02	9.13E-03	9.74E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Middlesex	34023	U	Acetaldehyde	8.59E-01	8.81E-01	9.25E-01	1.02E+00	1.07E+00	1.17E+00	1.31E+00	1.41E+00	1.63E-04	1.25E-01	5.40E-01	4.00E-01	0.00E+00	
New Jersey	Middlesex	34023	U	Acrolein	1.06E-01	1.09E-01	1.18E-01	1.31E-01	1.35E-01	1.47E-01	1.69E-01	1.72E-01	1.34E-05	1.13E-02	7.21E-02	5.12E-02	0.00E+00	
New Jersey	Middlesex	34023	U	Acrylonitrile	1.94E-03	2.16E-03	2.49E-03	3.26E-03	3.33E-03	3.85E-03	4.60E-03	5.20E-03	2.82E-03	5.01E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Middlesex	34023	U	Arsenic Compounds	4.72E-05	5.28E-05	6.09E-05	6.92E-05	7.83E-05	8.74E-05	1.07E-04	1.27E-04	9.04E-06	6.82E-05	1.01E-06	3.88E-08	0.00E+00	
New Jersey	Middlesex	34023	U	Benzene	1.16E+00	1.19E+00	1.25E+00	1.35E+00	1.41E+00	1.49E+00	1.75E+00	1.83E+00	6.28E-02	4.38E-02	5.45E-01	2.75E-01	4.80E-01	
New Jersey	Middlesex	34023	U	Beryllium Compounds	9.49E-06	1.03E-05	1.28E-05	1.65E-05	1.68E-05	1.96E-05	2.39E-05	2.58E-05	4.19E-07	1.64E-05	0.00E+00	1.51E-11	0.00E+00	
New Jersey	Middlesex	34023	U	1,3-Butadiene	3.25E-02	3.63E-02	4.23E-02	4.89E-02	5.24E-02	5.87E-02	8.00E-02	8.45E-02	2.92E-06	2.72E-04	4.35E-02	8.64E-03	0.00E+00	
New Jersey	Middlesex	34023	U	Cadmium Compounds	8.24E-05	8.67E-05	9.24E-05	1.04E-04	1.38E-04	1.24E-04	1.60E-04	2.03E-04	7.47E-06	1.31E-04	0.00E+00	2.08E-10	0.00E+00	
New Jersey	Middlesex	34023	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	6.69E-06	8.08E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Middlesex	34023	U	Chloroform	9.33E-02	9.47E-02	9.89E-02	1.03E-01	1.07E-01	1.13E-01	1.25E-01	1.32E-01	8.63E-04	2.36E-02	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Middlesex	34023	U	Chromium Compounds	7.55E-04	8.20E-04	9.74E-04	1.20E-03	1.51E-03	1.79E-03	2.29E-03	2.80E-03	2.85E-04	1.01E-03	6.42E-05	1.53E-04	0.00E+00	
New Jersey	Middlesex	34023	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	
New Jersey	Middlesex	34023	U	1,3-Dichloropropene	6.51E-02	7.76E-02	9.22E-02	1.13E-01	1.19E-01	1.34E-01	1.75E-01	2.08E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Middlesex	34023	U	Diesel Particulate Matter	3.09E+00	3.15E+00	3.33E+00	3.54E+00	3.72E+00	4.10E+00	4.37E+00	4.67E+00	0.00E+00	0.00E+00	1.02E+00	2.71E+00	***	
New Jersey	Middlesex	34023	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	1.58E-06	2.45E-06	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Middlesex	34023	U	Ethylene Dichloride	6.14E-02	6.14E-02	6.15E-02	6.16E-02	6.16E-02	6.16E-02	6.17E-02	6.18E-02	4.84E-04	1.04E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Middlesex	34023	U	Ethylene Oxide	5.06E-03	6.19E-03	7.63E-03	1.06E-02	1.51E-02	1.48E-02	2.09E-02	2.80E-02	7.57E-03	7.52E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Middlesex	34023	U	Formaldehyde	1.25E+00	1.27E+00	1.37E+00	1.49E+00	1.53E+00	1.65E+00	1.85E+00	1.94E+00	6.49E-03	9.49E-02	4.80E-01	7.01E-01	2.50E-01	
New Jersey	Middlesex	34023	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.23E-07	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Middlesex	34023	U	Hydrazine	1.56E-05	2.11E-05	3.71E-05	7.69E-05	2.01E-04	1.90E-04	4.48E-04	8.20E-04	1.94E-04	7.63				

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																		
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	
New Jersey	Middlesex	34023	U	7-PAH	3.15E-03	3.63E-03	4.14E-03	5.00E-03	5.20E-03	5.81E-03	7.28E-03	8.30E-03	1.97E-06	5.05E-03	1.37E-04	1.50E-05	0.00E+00	
New Jersey	Middlesex	34023	U	Propylene Dichloride	1.22E-04	1.40E-04	1.59E-04	2.00E-04	2.10E-04	2.46E-04	2.90E-04	3.23E-04	1.71E-04	3.87E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Middlesex	34023	U	Quinoline	9.84E-07	1.17E-06	1.75E-06	2.25E-06	2.90E-06	3.50E-06	5.62E-06	6.89E-06	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Middlesex	34023	U	1,1,2,2-Tetrachloroethane	9.35E-04	1.05E-03	1.20E-03	1.62E-03	1.63E-03	1.88E-03	2.31E-03	2.69E-03	1.57E-03	6.63E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Middlesex	34023	U	Trichloroethylene	1.14E-01	1.18E-01	1.28E-01	1.41E-01	1.45E-01	1.57E-01	1.76E-01	1.88E-01	9.10E-03	5.46E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Middlesex	34023	U	Vinyl Chloride	2.46E-03	3.00E-03	3.49E-03	4.64E-03	4.64E-03	5.31E-03	6.73E-03	7.29E-03	4.16E-03	4.82E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	Acetaldehyde	4.23E-01	4.70E-01	5.59E-01	7.18E-01	7.46E-01	9.10E-01	1.07E+00	1.10E+00	6.42E-05	7.07E-02	3.92E-01	2.84E-01	0.00E+00	
New Jersey	Monmouth	34025	U	Acrolein	5.68E-02	6.35E-02	7.41E-02	9.16E-02	9.39E-02	1.11E-01	1.28E-01	1.33E-01	3.97E-06	1.05E-02	4.86E-02	3.48E-02	0.00E+00	
New Jersey	Monmouth	34025	U	Acrylonitrile	1.20E-03	1.29E-03	1.56E-03	2.17E-03	2.78E-03	3.27E-03	5.84E-03	6.72E-03	2.46E-03	3.20E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	Arsenic Compounds	2.22E-05	2.50E-05	3.20E-05	4.19E-05	4.35E-05	5.44E-05	6.21E-05	6.61E-05	5.12E-06	3.76E-05	7.26E-07	6.95E-08	0.00E+00	
New Jersey	Monmouth	34025	U	Benzene	9.41E-01	9.70E-01	1.04E+00	1.15E+00	1.15E+00	1.23E+00	1.35E+00	1.42E+00	1.61E-02	2.93E-02	3.93E-01	2.34E-01	4.80E-01	
New Jersey	Monmouth	34025	U	Beryllium Compounds	6.26E-06	6.96E-06	8.63E-06	1.06E-05	1.10E-05	1.26E-05	1.51E-05	1.68E-05	2.24E-07	1.08E-05	0.00E+00	3.05E-10	0.00E+00	
New Jersey	Monmouth	34025	U	1,3-Butadiene	2.30E-02	2.60E-02	3.11E-02	3.81E-02	3.94E-02	4.47E-02	5.40E-02	5.99E-02	6.10E-07	7.10E-04	3.19E-02	6.82E-03	0.00E+00	
New Jersey	Monmouth	34025	U	Cadmium Compounds	2.60E-05	2.94E-05	4.10E-05	6.03E-05	6.28E-05	8.32E-05	1.02E-04	1.06E-04	2.27E-06	6.05E-05	0.00E+00	4.22E-09	0.00E+00	
New Jersey	Monmouth	34025	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	4.84E-06	6.10E-04	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Monmouth	34025	U	Chloroform	8.61E-02	8.65E-02	8.76E-02	8.94E-02	8.98E-02	9.18E-02	9.41E-02	9.54E-02	1.61E-04	6.66E-03	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Monmouth	34025	U	Chromium Compounds	2.18E-04	2.74E-04	3.65E-04	5.48E-04	5.64E-04	7.29E-04	8.97E-04	9.84E-04	5.21E-05	3.63E-04	4.64E-05	1.03E-04	0.00E+00	
New Jersey	Monmouth	34025	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	
New Jersey	Monmouth	34025	U	1,3-Dichloropropene	4.85E-02	5.36E-02	7.12E-02	8.87E-02	9.38E-02	1.10E-01	1.33E-01	1.51E-01	0.00E+00	9.38E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	Diesel Particulate Matter	3.24E+00	3.29E+00	3.44E+00	3.82E+00	5.03E+00	4.56E+00	9.28E+00	1.29E+01	0.00E+00	0.00E+00	9.03E-01	4.13E+00	***	
New Jersey	Monmouth	34025	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	7.70E-03	1.37E-06	6.18E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Monmouth	34025	U	Ethylene Dichloride	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	6.15E-02	6.18E-02	6.19E-02	3.91E-04	4.00E-05	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Monmouth	34025	U	Ethylene Oxide	1.67E-03	1.89E-03	2.32E-03	2.81E-03	2.98E-03	3.52E-03	4.19E-03	4.71E-03	6.84E-04	2.29E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	Formaldehyde	7.57E-01	8.28E-01	9.44E-01	1.12E+00	1.15E+00	1.35E+00	1.52E+00	1.56E+00	1.00E-03	6.60E-02	3.47E-01	4.86E-01	2.50E-01	
New Jersey	Monmouth	34025	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.33E-05	9.34E-05	9.35E-05	9.36E-05	0.00E+00	3.17E-07	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Monmouth	34025	U	Hydrazine	3.04E-08	3.80E-08	2.56E-06	5.03E-06	6.39E-06	9.81E-06	1.49E-05	1.72E-05	4.83E-06	1.56E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	Lead Compounds	1.51E-03	1.90E-03	2.70E-03	4.48E-03	4.76E-03	6.72E-03	7.92E-03	8.43E-03	9.26E-05	2.75E-03	6.41E-05	1.86E-03	0.00E+00	
New Jersey	Monmouth	34025	U	Manganese Compounds	8.85E-04	9.18E-04	1.14E-03	1.45E-03	1.51E-03	1.78E-03	2.22E-03	2.37E-03	1.24E-05	1.36E-03	1.86E-05	1.13E-04	0.00E+00	
New Jersey	Monmouth	34025	U	Mercury Compounds	1.77E-03	1.79E-03	1.90E-03	2.03E-03	2.07E-03	2.24E-03	2.38E-03	2.40E-03	3.64E-05	5.00E-04	6.25E-07	3.00E-05	1.50E-03	
New Jersey	Monmouth	34025	U	Methylene Chloride	2.73E-01	2.88E-01	3.15E-01	3.56E-01	3.70E-01	4.17E-01	4.60E-01	4.85E-01	1.13E-02	2.09E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Monmouth	34025	U	Nickel Compounds	3.82E-04	4.36E-04	5.44E-04	7.47E-04	8.66E-04	1.15E-03	1.46E-03	1.62E-03	2.03E-05	7.61E-04	3.61E-05	4.84E-05	0.00E+00	
New Jersey	Monmouth	34025	U	Perchloroethylene	1.89E-01	1.95E-01	2.09E-01	2.33E-01	2.35E-01	2.57E-01	2.85E-01	2.95E-01	5.39E-03	8.99E-02	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Monmouth	34025	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	2.95E-08	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Monmouth	34025	U	Polycyclic Organic Matter	4.24E-02	4.61E-02	5.99E-02	7.30E-02	7.64E-02	8.93E-02	1.07E-01	1.17E-01	1.32E-03	7.48E-02	2.35E-04	5.08E-05	0.00E+00	
New Jersey	Monmouth	34025	U	7-PAH	2.43E-03	2.66E-03	3.33E-03	3.98E-03	4.17E-03	4.79E-03	5.72E-03	6.33E-03	9.42E-07	4.04E-03	1.11E-04	1.24E-05	0.00E+00	
New Jersey	Monmouth	34025	U	Propylene Dichloride	7.35E-05	7.85E-05	9.29E-05	1.30E-04	1.67E-04	1.96E-04	3.53E-04	4.06E-04	1.49E-04	1.86E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	Quinoline	2.99E-07	3.17E-07	4.00E-07	5.92E-07	6.52E-07	7.86E-07	1.08E-06	1.20E-06	0.00E+00	6.52E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	1,1,2,2-Tetrachloroethane	6.06E-04	6.58E-04	7.80E-04	1.09E-03	1.43E-03	1.67E-03	3.08E-03	3.55E-03	1.36E-03	6.29E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Monmouth	34025	U	Trichloroethylene	1.09E-01	1.11E-01	1.16E-01	1.25E-01	1.28E-01	1.36E-01	1.45E-01	1.52E-01	1.60E-02	3.09E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Monmouth	34025	U	Vinyl Chloride	1.53E-03	1.66E-03	2.06E-03	3.01E-03	3.85E-03	4.85E-03	7.92E-03	9.07E-03	3.51E-03	3.40E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Morris	34027	U	Acetaldehyde	4.41E-01	4.97E-01	6.50E-01	8.49E-01	8.06E-01	9.76E-01	1.03E+00	1.07E+00	6.43E-05	7.34E-02	4.42E-01	2.90E-01	0.00E+00	
New Jersey	Morris	34027	U	Acrolein	5.77E-02	6.41E-02	8.18E-02	1.01E-01	9.85E-02	1.19E-01	1.27E-01	1.36E-01	5.50E-06	8.69E-03	5.58E-02	3.40E-02	0.00E+00	
New Jersey	Morris	34027	U	Acrylonitrile	3.28E-04	3.62E-04	4.27E-04	8.51E-04	7.86E-04	1.08E-03	1.25E-03	1.26E-03	4.28E-04	3.59E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Morris	34027	U	Arsenic Compounds	2.52E-05	2.83E-05	3.89E-05	5.46E-05	5.56E-05	6.86E-05	8.16E-05	9.20E-05	4.93E-06	4.99E-05	7.39E-07	2.26E-08	0.00E+00	
New Jersey	Morris	34027	U	Benzene	8.79E-01	9.38E-01	1.04E+00	1.17E+00	1.17E+00	1.28E+00	1.37E+00	1.49E+00	8.29E-03	2.34E-02	4.11E-01	2.47E-01	4.80E-01	
New Jersey	Morris	34027	U	Beryllium Compounds	5.24E-06	6.78E-06	9.07E-06	1.36E-05	1.31E-05	1.59E-05	1.99E-05	2.23E-05	2.14E-07	1.29E-05	0.			

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																	
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
New Jersey	Morris	34027	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	2.39E-07	1.15E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Morris	34027	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	6.16E-02	6.17E-02	2.38E-04	5.82E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Morris	34027	U	Ethylene Oxide	2.42E-03	2.71E-03	4.36E-03	5.94E-03	7.21E-03	9.26E-03	1.24E-02	1.49E-02	4.29E-04	6.78E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris	34027	U	Formaldehyde	7.61E-01	8.34E-01	1.03E+00	1.25E+00	1.20E+00	1.40E+00	1.49E+00	1.58E+00	2.25E-03	6.31E-02	3.83E-01	5.07E-01	2.50E-01
New Jersey	Morris	34027	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.07E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Morris	34027	U	Hydrazine	2.71E-06	3.38E-06	6.72E-06	1.37E-05	1.91E-05	2.53E-05	4.17E-05	4.60E-05	7.11E-06	1.20E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris	34027	U	Lead Compounds	6.17E-04	1.10E-03	1.78E-03	2.57E-03	2.66E-03	3.59E-03	4.18E-03	4.38E-03	7.15E-05	1.26E-03	6.45E-05	1.27E-03	0.00E+00
New Jersey	Morris	34027	U	Manganese Compounds	6.51E-04	8.64E-04	1.07E-03	1.42E-03	1.39E-03	1.68E-03	1.88E-03	2.00E-03	1.83E-05	1.24E-03	1.87E-05	1.15E-04	0.00E+00
New Jersey	Morris	34027	U	Mercury Compounds	1.72E-03	1.75E-03	1.92E-03	2.05E-03	2.04E-03	2.17E-03	2.29E-03	2.36E-03	2.40E-05	4.87E-04	6.31E-07	3.03E-05	1.50E-03
New Jersey	Morris	34027	U	Methylene Chloride	2.71E-01	2.88E-01	3.58E-01	4.59E-01	4.91E-01	5.70E-01	6.86E-01	8.33E-01	5.25E-02	2.88E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Morris	34027	U	Nickel Compounds	1.64E-03	1.72E-03	3.48E-03	5.79E-03	7.99E-03	8.96E-03	1.76E-02	2.01E-02	1.21E-04	7.78E-03	3.64E-05	4.81E-05	0.00E+00
New Jersey	Morris	34027	U	Perchloroethylene	1.89E-01	2.02E-01	2.24E-01	2.65E-01	2.61E-01	2.91E-01	3.15E-01	3.31E-01	7.48E-03	1.13E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Morris	34027	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	3.21E-08	0.00E+00	0.00E+00	3.80E-04
New Jersey	Morris	34027	U	Polycyclic Organic Matter	3.37E-02	4.12E-02	5.46E-02	7.17E-02	7.08E-02	8.58E-02	9.65E-02	1.04E-01	8.97E-04	6.95E-02	2.66E-04	4.48E-05	0.00E+00
New Jersey	Morris	34027	U	7-PAH	1.91E-03	2.33E-03	2.96E-03	3.83E-03	3.81E-03	4.59E-03	5.19E-03	5.53E-03	5.84E-07	3.67E-03	1.25E-04	1.29E-05	0.00E+00
New Jersey	Morris	34027	U	Propylene Dichloride	2.23E-05	2.40E-05	2.94E-05	5.66E-05	5.22E-05	7.10E-05	8.20E-05	8.42E-05	2.59E-05	2.63E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris	34027	U	Quinoline	3.09E-07	4.42E-07	7.75E-07	1.04E-06	1.26E-06	1.62E-06	2.34E-06	2.61E-06	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris	34027	U	1,1,2,2-Tetrachloroethane	1.27E-04	1.29E-04	1.49E-04	3.83E-04	3.28E-04	4.72E-04	5.49E-04	5.66E-04	2.38E-04	8.99E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris	34027	U	Trichloroethylene	1.03E-01	1.12E-01	1.28E-01	1.45E-01	1.52E-01	1.68E-01	2.03E-01	2.12E-01	7.07E-03	6.44E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Morris	34027	U	Vinyl Chloride	3.42E-04	3.65E-04	4.23E-04	1.04E-03	9.07E-04	1.30E-03	1.51E-03	1.53E-03	5.84E-04	3.23E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	Acetaldehyde	2.32E-01	2.96E-01	3.45E-01	3.98E-01	3.98E-01	4.52E-01	5.13E-01	5.50E-01	2.45E-05	3.44E-02	2.39E-01	1.25E-01	0.00E+00
New Jersey	Ocean	34029	U	Acrolein	3.45E-02	3.74E-02	5.20E-02	5.80E-02	5.77E-02	6.65E-02	7.14E-02	7.64E-02	8.89E-07	1.30E-02	3.09E-02	1.38E-02	0.00E+00
New Jersey	Ocean	34029	U	Acrylonitrile	4.62E-04	5.29E-04	6.04E-04	7.72E-04	9.79E-04	1.29E-03	1.63E-03	1.83E-03	8.10E-04	1.69E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	Arsenic Compounds	8.92E-06	9.81E-06	1.75E-05	2.18E-05	2.84E-05	2.83E-05	3.88E-05	1.01E-04	9.79E-06	1.81E-05	4.83E-07	3.88E-08	0.00E+00
New Jersey	Ocean	34029	U	Benzene	7.27E-01	7.71E-01	8.61E-01	9.17E-01	9.09E-01	9.51E-01	1.03E+00	1.06E+00	2.31E-03	2.50E-02	2.71E-01	1.31E-01	4.80E-01
New Jersey	Ocean	34029	U	Beryllium Compounds	1.88E-06	3.21E-06	5.02E-06	7.00E-06	6.90E-06	8.40E-06	1.07E-05	1.15E-05	1.54E-07	6.74E-06	0.00E+00	1.43E-10	0.00E+00
New Jersey	Ocean	34029	U	1,3-Butadiene	1.46E-02	1.95E-02	2.54E-02	2.99E-02	3.07E-02	3.56E-02	4.30E-02	4.96E-02	0.00E+00	2.80E-03	2.42E-02	3.74E-03	0.00E+00
New Jersey	Ocean	34029	U	Cadmium Compounds	1.03E-05	1.19E-05	1.65E-05	2.06E-05	2.21E-05	2.53E-05	3.46E-05	3.78E-05	6.94E-07	2.14E-05	0.00E+00	1.98E-09	0.00E+00
New Jersey	Ocean	34029	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	1.47E-06	2.62E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Ocean	34029	U	Chloroform	8.39E-02	8.41E-02	8.46E-02	8.51E-02	8.53E-02	8.58E-02	8.66E-02	8.71E-02	2.13E-05	2.28E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Ocean	34029	U	Chromium Compounds	7.44E-05	9.28E-05	1.26E-04	1.54E-04	1.93E-04	2.57E-04	3.53E-04	3.69E-04	2.38E-05	8.98E-05	3.15E-05	4.84E-05	0.00E+00
New Jersey	Ocean	34029	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
New Jersey	Ocean	34029	U	1,3-Dichloropropene	1.60E-02	3.29E-02	4.16E-02	6.70E-02	6.38E-02	8.12E-02	9.40E-02	1.03E-01	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	Diesel Particulate Matter	2.33E+00	2.42E+00	2.58E+00	2.69E+00	2.67E+00	2.78E+00	2.91E+00	2.98E+00	0.00E+00	0.00E+00	8.11E-01	1.86E+00	***
New Jersey	Ocean	34029	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	4.50E-07	4.09E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Ocean	34029	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	1.04E-04	2.21E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Ocean	34029	U	Ethylene Oxide	4.26E-04	4.90E-04	7.84E-04	1.10E-03	1.43E-03	1.78E-03	2.47E-03	2.92E-03	9.59E-05	1.33E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	Formaldehyde	5.36E-01	5.98E-01	6.88E-01	7.55E-01	7.55E-01	8.33E-01	9.13E-01	9.36E-01	2.87E-05	8.26E-02	2.17E-01	2.06E-01	2.50E-01
New Jersey	Ocean	34029	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	0.00E+00	1.34E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Ocean	34029	U	Hydrazine	7.22E-09	1.34E-08	2.21E-08	4.72E-08	2.12E-07	1.35E-07	2.49E-07	6.43E-07	1.12E-07	1.00E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	Lead Compounds	2.67E-04	3.15E-04	3.85E-04	5.21E-04	5.74E-04	7.09E-04	9.17E-04	9.74E-04	5.78E-06	5.15E-04	4.38E-05	8.66E-06	0.00E+00
New Jersey	Ocean	34029	U	Manganese Compounds	3.20E-04	4.68E-04	6.94E-04	9.54E-04	9.02E-04	1.09E-03	1.31E-03	1.40E-03	9.21E-06	8.26E-04	1.27E-05	5.47E-05	0.00E+00
New Jersey	Ocean	34029	U	Mercury Compounds	1.61E-03	1.63E-03	1.67E-03	1.72E-03	1.74E-03	1.80E-03	1.87E-03	1.90E-03	5.07E-06	2.24E-04	4.18E-07	1.37E-05	1.50E-03
New Jersey	Ocean	34029	U	Methylene Chloride	1.85E-01	2.04E-01	2.39E-01	2.64E-01	2.78E-01	3.04E-01	3.57E-01	4.44E-01	2.92E-03	1.26E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Ocean	34029	U	Nickel Compounds	1.02E-04	1.16E-04	1.72E-04	2.38E-04	2.64E-04	3.30E-04	4.31E-04	4.92E-04	8.34E-06	2.06E-04	2.45E-05	2.44E-05	0.00E+00
New Jersey	Ocean	34029	U	Perchloroethylene	1.54E-01	1.61E-01	1.72E-01	1.82E-01	1.83E-01	1.92E-01	2.07E-01	2.18E-01	1.46E-03	4.18E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Ocean	34029	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
New Jersey	Ocean	34029	U	Polycyclic Organic Matter	1.57E-02	2.86E-02	3.49E-02	5.21E-02	5.02E-02	6.19E-02	7.10E-02	8.04E-02	1.06E-04	4.99E-02	1.54E-04	1.62E-05	0.00E+00
New Jersey	Ocean	34029	U	7-PAH	1.25E-03	1.68E-03	2.23E-03	3.07E-03	2.93E-03	3.51E-03	4.01E-03	4.47E-03	8.98E-08	2.85E-03	7.35E-05	7.00E-06	0.00E+00
New Jersey	Ocean	34029	U	Propylene Dichloride	2.75E-05	3.25E-05	3.67E-05	5.47E-05	6.00E-05	7.79E-05	1.00E-04	1.10E-04	4.87E-05	1.13E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	Quinoline	8.11E-08	1.40E-07	2.16E-07	3.19E-07	4.45E-07	5.11E-07	7.74E-07	1.19E-06	0.00E+00	4.45E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	1,1,2,2-Tetrachloroethane	2.34E-04	2.61E-04	2.97E-04	3.88E-04	4.91E-04	4.68E-04	5.38E-04	9.34E-04	4.46E-04	4.41E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean	34029	U	Trichloroethylene	8.65E-02	8.94E-02	9.54E-02	1.02E-01	1.04E-01	1.08E-01	1.23E-01	1.27E-01	7.46E-03	1.54E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Ocean	34029	U	Vinyl Chloride	5.79E-04	6.51E-04	7.42E-04	9.64E-04	1.31E-03	1.64E-03	2.30E-03	3.09E-03	1.17E-03	1.44E-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 New Jersey																	
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
New Jersey	Passaic	34031	U	Acetaldehyde	8.04E-01	9.84E-01	1.30E+00	1.41E+00	1.41E+00	1.55E+00	1.73E+00	1.79E+00	1.56E-04	1.51E-01	7.40E-01	5.17E-01	0.00E+00
New Jersey	Passaic	34031	U	Acrolein	1.04E-01	1.31E-01	1.56E-01	1.83E-01	1.78E-01	2.04E-01	2.20E-01	2.34E-01	6.42E-06	2.12E-02	8.93E-02	6.76E-02	0.00E+00
New Jersey	Passaic	34031	U	Acrylonitrile	7.22E-04	8.27E-04	1.74E-03	1.91E-03	1.88E-03	2.20E-03	2.48E-03	2.75E-03	1.22E-03	6.57E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic	34031	U	Arsenic Compounds	5.76E-05	6.99E-05	9.26E-05	1.10E-04	1.14E-04	1.37E-04	1.58E-04	1.81E-04	9.48E-06	1.03E-04	1.49E-06	1.15E-07	0.00E+00
New Jersey	Passaic	34031	U	Benzene	1.06E+00	1.31E+00	1.46E+00	1.72E+00	1.70E+00	1.94E+00	2.16E+00	2.23E+00	1.50E-02	5.62E-02	7.59E-01	3.93E-01	4.80E-01
New Jersey	Passaic	34031	U	Beryllium Compounds	7.73E-06	1.36E-05	2.06E-05	2.61E-05	2.76E-05	3.54E-05	4.25E-05	4.74E-05	3.94E-07	2.72E-05	0.00E+00	4.73E-10	0.00E+00
New Jersey	Passaic	34031	U	1,3-Butadiene	3.47E-02	3.88E-02	5.16E-02	7.11E-02	7.60E-02	9.33E-02	1.17E-01	1.23E-01	8.15E-07	4.49E-04	6.43E-02	1.13E-02	0.00E+00
New Jersey	Passaic	34031	U	Cadmium Compounds	1.52E-04	1.62E-04	1.87E-04	2.29E-04	2.28E-04	2.40E-04	2.97E-04	3.47E-04	1.13E-05	2.17E-04	0.00E+00	6.56E-09	0.00E+00
New Jersey	Passaic	34031	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	2.71E-06	1.13E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Passaic	34031	U	Chloroform	8.79E-02	8.90E-02	9.00E-02	9.08E-02	9.14E-02	9.19E-02	9.41E-02	9.46E-02	9.04E-04	7.53E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Passaic	34031	U	Chromium Compounds	8.35E-04	1.51E-03	1.96E-03	2.25E-03	2.60E-03	2.95E-03	4.41E-03	4.86E-03	1.71E-04	2.14E-03	9.57E-05	1.88E-04	0.00E+00
New Jersey	Passaic	34031	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
New Jersey	Passaic	34031	U	1,3-Dichloropropene	5.81E-02	9.53E-02	1.32E-01	2.07E-01	2.32E-01	3.10E-01	3.99E-01	4.97E-01	0.00E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic	34031	U	Diesel Particulate Matter	2.74E+00	3.00E+00	3.11E+00	3.41E+00	3.51E+00	3.78E+00	4.15E+00	4.72E+00	0.00E+00	0.00E+00	1.01E+00	2.50E+00	***
New Jersey	Passaic	34031	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	6.85E-07	4.94E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Passaic	34031	U	Ethylene Dichloride	6.11E-02	6.12E-02	6.14E-02	6.14E-02	6.14E-02	6.15E-02	6.16E-02	6.17E-02	2.84E-04	1.49E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Passaic	34031	U	Ethylene Oxide	1.92E-03	3.36E-03	4.25E-03	4.92E-03	5.50E-03	5.79E-03	7.38E-03	8.77E-03	2.63E-11	5.50E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic	34031	U	Formaldehyde	1.33E+00	1.61E+00	1.76E+00	1.95E+00	1.92E+00	2.09E+00	2.27E+00	2.37E+00	4.79E-03	9.66E-02	6.52E-01	9.13E-01	2.50E-01
New Jersey	Passaic	34031	U	Hexachlorobenzene	9.30E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	2.66E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Passaic	34031	U	Hydrazine	3.37E-06	1.39E-05	2.64E-05	3.34E-05	3.73E-05	4.42E-05	6.72E-05	7.50E-05	3.10E-06	3.42E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic	34031	U	Lead Compounds	2.77E-03	3.93E-03	7.13E-03	8.17E-03	8.23E-03	9.79E-03	1.18E-02	1.32E-02	1.63E-04	3.24E-03	1.33E-04	4.69E-03	0.00E+00
New Jersey	Passaic	34031	U	Manganese Compounds	9.74E-04	1.46E-03	2.24E-03	3.16E-03	3.31E-03	4.32E-03	5.34E-03	6.23E-03	4.50E-05	3.02E-03	3.88E-05	2.10E-04	0.00E+00
New Jersey	Passaic	34031	U	Mercury Compounds	2.20E-03	2.40E-03	2.54E-03	2.61E-03	2.65E-03	2.80E-03	2.97E-03	3.09E-03	8.95E-05	1.01E-03	1.29E-06	5.40E-05	1.50E-03
New Jersey	Passaic	34031	U	Methylene Chloride	3.41E-01	5.47E-01	7.56E-01	9.13E-01	9.43E-01	1.06E+00	1.33E+00	1.52E+00	1.19E-01	6.74E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Passaic	34031	U	Nickel Compounds	1.56E-03	2.88E-03	3.43E-03	3.66E-03	3.85E-03	4.15E-03	5.13E-03	5.69E-03	4.37E-04	3.25E-03	7.44E-05	9.11E-05	0.00E+00
New Jersey	Passaic	34031	U	Perchloroethylene	2.18E-01	2.72E-01	3.43E-01	4.14E-01	4.25E-01	5.21E-01	5.87E-01	6.63E-01	1.89E-02	2.66E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Passaic	34031	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	1.40E-08	0.00E+00	0.00E+00	3.80E-04
New Jersey	Passaic	34031	U	Polycyclic Organic Matter	5.05E-02	7.79E-02	1.12E-01	1.65E-01	1.76E-01	2.32E-01	2.88E-01	3.43E-01	1.50E-03	1.75E-01	3.54E-04	1.01E-04	0.00E+00
New Jersey	Passaic	34031	U	7-PAH	2.83E-03	4.18E-03	5.72E-03	8.35E-03	9.21E-03	1.19E-02	1.51E-02	1.80E-02	1.37E-06	9.02E-03	1.70E-04	1.97E-05	0.00E+00
New Jersey	Passaic	34031	U	Propylene Dichloride	3.98E-05	5.59E-05	1.20E-04	1.34E-04	1.43E-04	1.65E-04	2.22E-04	2.72E-04	7.41E-05	6.93E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic	34031	U	Quinoline	1.16E-06	1.84E-06	2.96E-06	4.03E-06	5.97E-06	5.70E-06	1.22E-05	1.67E-05	0.00E+00	5.97E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic	34031	U	1,1,2,2-Tetrachloroethane	2.36E-04	2.93E-04	7.10E-04	8.27E-04	7.81E-04	8.97E-04	1.02E-03	1.08E-03	6.80E-04	1.01E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic	34031	U	Trichloroethylene	1.18E-01	1.44E-01	1.79E-01	1.93E-01	2.20E-01	2.39E-01	3.16E-01	3.68E-01	5.68E-02	8.22E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Passaic	34031	U	Vinyl Chloride	5.98E-04	8.51E-04	2.08E-03	2.32E-03	2.23E-03	2.61E-03	2.97E-03	3.15E-03	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Salem	34033	U	Acetaldehyde	4.59E-01	4.73E-01	4.94E-01	6.38E-01	6.51E-01	7.92E-01	8.82E-01	8.98E-01	3.30E-04	8.77E-02	3.91E-01	1.72E-01	0.00E+00
New Jersey	Salem	34033	U	Acrolein	5.71E-02	5.86E-02	6.51E-02	7.61E-02	8.07E-02	9.79E-02	1.04E-01	1.15E-01	2.17E-03	1.17E-02	4.70E-02	1.98E-02	0.00E+00
New Jersey	Salem	34033	U	Acrylonitrile	5.24E-04	5.27E-04	1.21E-03	1.44E-03	1.60E-03	1.85E-03	2.56E-03	3.07E-03	1.01E-03	5.89E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Salem	34033	U	Arsenic Compounds	1.45E-04	1.47E-04	1.73E-04	2.27E-04	2.29E-04	2.61E-04	3.16E-04	3.23E-04	1.53E-04	5.52E-05	3.57E-07	2.06E-05	0.00E+00
New Jersey	Salem	34033	U	Benzene	8.91E-01	9.03E-01	9.49E-01	1.11E+00	1.14E+00	1.31E+00	1.37E+00	1.55E+00	1.13E-01	4.65E-02	3.92E-01	1.14E-01	4.80E-01
New Jersey	Salem	34033	U	Beryllium Compounds	1.82E-05	1.96E-05	2.14E-05	2.56E-05	2.95E-05	3.28E-05	4.01E-05	6.41E-05	9.28E-06	2.00E-05	0.00E+00	1.62E-07	0.00E+00
New Jersey	Salem	34033	U	1,3-Butadiene	1.39E-02	1.47E-02	1.63E-02	2.92E-02	3.24E-02	4.09E-02	5.71E-02	6.62E-02	1.85E-04	8.22E-04	2.52E-02	6.20E-03	0.00E+00
New Jersey	Salem	34033	U	Cadmium Compounds	2.03E-04	2.18E-04	2.59E-04	3.23E-04	3.04E-04	3.47E-04	3.57E-04	3.78E-04	1.75E-04	1.27E-04	0.00E+00	2.26E-06	0.00E+00
New Jersey	Salem	34033	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	1.22E-06	6.87E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Salem	34033	U	Chloroform	8.62E-02	8.63E-02	8.68E-02	8.80E-02	8.93E-02	8.96E-02	9.38E-02	9.66E-02	1.57E-03	4.76E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Salem	34033	U	Chromium Compounds	1.06E-03	1.22E-03	1.36E-03	1.89E-03	1.74E-03	2.04E-03	2.10E-03	2.11E-03	9.30E-04	6.23E-04	2.87E-05	1.54E-04	0.00E+00
New Jersey	Salem	34033	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
New Jersey	Salem	34033	U	1,3-Dichloropropene	2.35E-02	2.36E-02	2.84E-02	5.00E-02	5.56E-02	7.49E-02	8.29E-02	1.12E-01	0.00E+00	5.56E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Salem	34033	U	Diesel Particulate Matter	2.20E+00	2.30E+00	2.48E+00	2.73E+00	2.86E+00	3.19E+00	3.53E+00	3.56E+00	0.00E+00	0.00E+00	7.95E-01	2.06E+00	***
New Jersey	Salem	34033	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.72E-03	3.72E-07	3.43E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Salem	34033	U	Ethylene Dichloride	6.12E-02	6.13E-02	6.14E-02	6.32E-02	6.63E-02	7.29E-02	7.33E-02	7.36E-02	5.14E-03	1.61E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Salem	34033	U	Ethylene Oxide	2.05E-03	2.51E-03	3.06E-03	4.69E-03	6.92E-03	1.06E-02	1.27E-02	1.72E-02	2.62E-04	6.66E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Salem	34033	U	Formaldehyde	7.67E-01	7.70E-01	8.07E-01	9.56E-01	9.65E-01	1.13E+00	1.16E+00	1.26E+00	5.86E-03	1.04E-01	3.43E-01	2.62E-01	2.50E-01
New Jersey	Salem	34033	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	9.35E-05	9.37E-05	0.00E+00	3.56E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Salem	34033	U	Hydrazine	1.19E-07	1.41E-07	2.20E-07	3.91E-07	1.50E-06	1.19E-06	2.63E-06	1.05E-05	1.33E-07	1.37E-06	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																		
Estimated Annual Average Ambient Concentrations (µg/m³) for New Jersey																		
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	
New Jersey	Salem	34033	U	Lead Compounds	1.54E-03	1.89E-03	2.01E-03	2.99E-03	3.14E-03	4.37E-03	4.73E-03	5.06E-03	5.51E-04	1.34E-03	3.35E-05	1.22E-03	0.00E+00	
New Jersey	Salem	34033	U	Manganese Compounds	1.26E-03	1.37E-03	1.46E-03	1.98E-03	2.02E-03	2.55E-03	2.62E-03	2.84E-03	1.22E-03	6.59E-04	1.09E-05	1.37E-04	0.00E+00	
New Jersey	Salem	34033	U	Mercury Compounds	2.11E-03	2.12E-03	2.22E-03	2.59E-03	2.60E-03	2.87E-03	2.99E-03	3.19E-03	9.01E-05	9.99E-04	3.29E-07	1.52E-05	1.50E-03	
New Jersey	Salem	34033	U	Methylene Chloride	2.30E-01	2.33E-01	2.47E-01	3.22E-01	3.66E-01	4.08E-01	5.48E-01	8.36E-01	2.08E-02	1.95E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Salem	34033	U	Nickel Compounds	2.65E-03	2.70E-03	3.02E-03	4.97E-03	4.52E-03	5.54E-03	5.91E-03	6.61E-03	2.87E-03	9.22E-04	2.10E-05	7.07E-04	0.00E+00	
New Jersey	Salem	34033	U	Perchloroethylene	1.71E-01	1.72E-01	1.80E-01	2.01E-01	2.10E-01	2.40E-01	2.72E-01	2.74E-01	1.43E-03	6.85E-02	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Salem	34033	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.83E-04	3.83E-04	3.83E-04	0.00E+00	1.17E-06	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Salem	34033	U	Polycyclic Organic Matter	2.74E-02	2.89E-02	3.65E-02	5.09E-02	5.25E-02	6.37E-02	7.39E-02	8.99E-02	1.17E-02	4.06E-02	2.01E-04	4.86E-05	0.00E+00	
New Jersey	Salem	34033	U	7-PAH	8.88E-04	9.85E-04	1.31E-03	1.89E-03	1.96E-03	2.57E-03	2.79E-03	3.74E-03	5.42E-07	1.80E-03	1.47E-04	1.22E-05	0.00E+00	
New Jersey	Salem	34033	U	Propylene Dichloride	3.25E-05	3.46E-05	4.11E-05	4.90E-05	1.00E-04	1.37E-04	2.88E-04	2.98E-04	4.02E-05	5.99E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem	34033	U	Quinoline	6.45E-07	6.92E-07	8.51E-07	1.24E-06	4.07E-06	3.48E-06	6.94E-06	2.67E-05	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem	34033	U	1,1,2,2-Tetrachloroethane	2.07E-04	2.07E-04	2.31E-04	3.01E-04	5.29E-04	5.46E-04	1.14E-03	1.40E-03	3.69E-04	1.61E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem	34033	U	Trichloroethylene	9.07E-02	9.09E-02	9.30E-02	9.82E-02	1.06E-01	1.22E-01	1.29E-01	1.42E-01	3.05E-03	2.22E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Salem	34033	U	Vinyl Chloride	2.74E-02	2.74E-02	3.41E-02	4.12E-02	4.70E-02	5.64E-02	6.70E-02	7.44E-02	4.63E-02	6.77E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset	34035	U	Acetaldehyde	5.68E-01	6.26E-01	6.78E-01	7.42E-01	7.55E-01	8.27E-01	9.18E-01	9.73E-01	6.61E-05	7.36E-02	4.24E-01	2.58E-01	0.00E+00	
New Jersey	Somerset	34035	U	Acrolein	6.86E-02	7.42E-02	8.18E-02	9.04E-02	9.31E-02	1.05E-01	1.16E-01	1.28E-01	3.69E-05	8.30E-03	5.50E-02	2.97E-02	0.00E+00	
New Jersey	Somerset	34035	U	Acrylonitrile	9.21E-04	1.00E-03	1.23E-03	1.44E-03	1.47E-03	1.72E-03	1.97E-03	2.28E-03	9.15E-04	5.56E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset	34035	U	Arsenic Compounds	2.88E-05	3.66E-05	4.31E-05	5.15E-05	5.73E-05	6.77E-05	8.40E-05	1.07E-04	8.37E-06	4.82E-05	7.17E-07	2.55E-08	0.00E+00	
New Jersey	Somerset	34035	U	Benzene	9.49E-01	9.76E-01	1.03E+00	1.11E+00	1.16E+00	1.24E+00	1.50E+00	1.55E+00	1.02E-02	2.74E-02	4.22E-01	2.19E-01	4.80E-01	
New Jersey	Somerset	34035	U	Beryllium Compounds	5.85E-06	7.42E-06	8.70E-06	1.13E-05	1.29E-05	1.58E-05	2.05E-05	2.37E-05	4.98E-07	1.24E-05	0.00E+00	7.50E-12	0.00E+00	
New Jersey	Somerset	34035	U	1,3-Butadiene	1.87E-02	2.21E-02	2.63E-02	3.25E-02	3.85E-02	4.76E-02	6.65E-02	7.63E-02	4.43E-07	1.51E-04	3.20E-02	6.38E-03	0.00E+00	
New Jersey	Somerset	34035	U	Cadmium Compounds	4.22E-05	5.01E-05	6.16E-05	7.54E-05	7.84E-05	8.37E-05	9.73E-05	1.34E-04	4.25E-06	7.41E-05	0.00E+00	1.04E-10	0.00E+00	
New Jersey	Somerset	34035	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	2.03E-06	5.10E-04	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Somerset	34035	U	Chloroform	8.79E-02	8.80E-02	8.91E-02	9.10E-02	1.04E-01	1.21E-01	1.32E-01	1.36E-01	1.43E-02	6.40E-03	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Somerset	34035	U	Chromium Compounds	6.77E-04	8.13E-04	9.02E-04	1.18E-03	1.68E-03	1.85E-03	2.74E-03	5.99E-03	1.11E-04	1.43E-03	4.58E-05	9.37E-05	0.00E+00	
New Jersey	Somerset	34035	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	
New Jersey	Somerset	34035	U	1,3-Dichloropropene	4.11E-02	4.94E-02	5.82E-02	7.37E-02	8.55E-02	1.02E-01	1.58E-01	1.71E-01	0.00E+00	8.55E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset	34035	U	Diesel Particulate Matter	2.89E+00	2.92E+00	3.07E+00	3.22E+00	3.31E+00	3.44E+00	3.85E+00	4.08E+00	0.00E+00	0.00E+00	1.04E+00	2.26E+00	***	
New Jersey	Somerset	34035	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	7.71E-03	5.10E-07	1.95E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Somerset	34035	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.13E-02	6.14E-02	6.14E-02	6.14E-02	6.15E-02	6.15E-02	2.71E-04	1.02E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Somerset	34035	U	Ethylene Oxide	2.44E-03	2.58E-03	3.23E-03	4.19E-03	5.06E-03	5.55E-03	7.44E-03	1.17E-02	1.86E-03	3.20E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset	34035	U	Formaldehyde	9.03E-01	9.66E-01	1.04E+00	1.11E+00	1.15E+00	1.29E+00	1.40E+00	1.46E+00	2.89E-03	7.30E-02	3.78E-01	4.46E-01	2.50E-01	
New Jersey	Somerset	34035	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	8.89E-08	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Somerset	34035	U	Hydrazine	7.27E-06	1.02E-05	1.49E-05	2.45E-05	6.16E-05	7.32E-05	1.87E-04	2.44E-04	5.79E-05	3.75E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset	34035	U	Lead Compounds	1.53E-03	1.90E-03	2.55E-03	3.53E-03	4.02E-03	4.55E-03	6.14E-03	1.10E-02	4.96E-05	2.87E-03	6.33E-05	1.04E-03	0.00E+00	
New Jersey	Somerset	34035	U	Manganese Compounds	9.91E-04	1.04E-03	1.31E-03	1.77E-03	2.10E-03	2.51E-03	3.20E-03	4.84E-03	1.74E-05	1.96E-03	1.83E-05	1.03E-04	0.00E+00	
New Jersey	Somerset	34035	U	Mercury Compounds	1.81E-03	1.83E-03	1.91E-03	2.00E-03	2.00E-03	2.06E-03	2.18E-03	2.28E-03	1.74E-05	4.56E-04	6.16E-07	2.71E-05	1.50E-03	
New Jersey	Somerset	34035	U	Methylene Chloride	3.00E-01	3.13E-01	3.60E-01	4.51E-01	5.01E-01	5.55E-01	7.74E-01	9.22E-01	4.55E-02	3.05E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Somerset	34035	U	Nickel Compounds	9.41E-04	1.01E-03	1.34E-03	1.58E-03	1.81E-03	2.05E-03	2.37E-03	3.90E-03	3.23E-05	1.70E-03	3.56E-05	4.34E-05	0.00E+00	
New Jersey	Somerset	34035	U	Perchloroethylene	1.92E-01	2.02E-01	2.17E-01	2.47E-01	2.56E-01	2.81E-01	3.44E-01	3.64E-01	4.02E-03	1.12E-01	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Somerset	34035	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	8.99E-09	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Somerset	34035	U	Polycyclic Organic Matter	3.75E-02	4.44E-02	5.12E-02	6.33E-02	7.09E-02	8.05E-02	1.19E-01	1.35E-01	1.34E-03	6.93E-02	2.60E-04	3.90E-05	0.00E+00	
New Jersey	Somerset	34035	U	7-PAH	2.10E-03	2.42E-03	2.72E-03	3.35E-03	3.75E-03	4.25E-03	6.11E-03	6.92E-03	7.13E-07	3.61E-03	1.21E-04	1.15E-05	0.00E+00	
New Jersey	Somerset	34035	U	Propylene Dichloride	5.81E-05	6.61E-05	8.05E-05	9.33E-05	1.00E-04	1.15E-04	1.44E-04	1.57E-04	5.52E-05	4.53E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset	34035	U	Quinoline	5.09E-07	7.53E-07	1.04E-06	1.41E-06	2.12E-06	2.36E-06	4.29E-06	7.71E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset	34035	U	1,1,2,2-Tetrachloroethane	4.50E-04	4.84E-04	6.02E-04	6.84E-04	7.05E-04	8.46E-04	9							

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																	
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
New Jersey	Sussex	34037	U	1,3-Butadiene	9.26E-03	1.03E-02	1.19E-02	1.47E-02	1.72E-02	2.12E-02	2.74E-02	3.38E-02	8.10E-09	3.35E-04	1.44E-02	2.44E-03	0.00E+00
New Jersey	Sussex	34037	U	Cadmium Compounds	1.67E-05	1.80E-05	2.23E-05	2.63E-05	9.99E-05	1.93E-04	2.26E-04	2.57E-04	1.34E-06	9.85E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	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	2.04E-07	1.96E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Sussex	34037	U	Chloroform	8.40E-02	8.42E-02	8.45E-02	1.67E-01	1.49E-01	1.84E-01	2.05E-01	2.16E-01	6.52E-02	1.29E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Sussex	34037	U	Chromium Compounds	1.27E-04	1.50E-04	1.97E-04	2.62E-04	2.86E-04	3.63E-04	4.93E-04	5.45E-04	7.59E-06	2.23E-04	1.95E-05	3.57E-05	0.00E+00
New Jersey	Sussex	34037	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-05	0.00E+00	3.89E-04	4.21E-04	7.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	U	1,3-Dichloropropene	1.82E-02	1.85E-02	2.19E-02	3.43E-02	3.74E-02	4.98E-02	5.86E-02	6.91E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	U	Diesel Particulate Matter	2.14E+00	2.17E+00	2.33E+00	2.46E+00	2.44E+00	2.56E+00	2.70E+00	2.75E+00	0.00E+00	0.00E+00	8.56E-01	1.58E+00	***
New Jersey	Sussex	34037	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	5.82E-08	3.33E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Sussex	34037	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	3.25E-05	3.26E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Sussex	34037	U	Ethylene Oxide	4.59E-04	6.11E-04	8.32E-04	1.24E-03	1.26E-03	1.64E-03	2.09E-03	2.23E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	U	Formaldehyde	5.45E-01	5.54E-01	5.87E-01	6.42E-01	6.48E-01	6.93E-01	7.24E-01	7.71E-01	8.78E-04	3.73E-02	1.91E-01	1.69E-01	2.50E-01
New Jersey	Sussex	34037	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	2.09E-08	0.00E+00	0.00E+00	9.30E-05
New Jersey	Sussex	34037	U	Hydrazine	1.46E-08	1.15E-07	3.16E-07	5.69E-07	8.78E-07	9.20E-07	2.56E-06	2.76E-06	2.90E-07	5.88E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	U	Lead Compounds	2.12E-04	2.83E-04	3.65E-04	4.79E-04	6.24E-04	8.62E-04	1.04E-03	1.23E-03	1.48E-05	5.44E-04	2.69E-05	3.87E-05	0.00E+00
New Jersey	Sussex	34037	U	Manganese Compounds	2.79E-04	3.21E-04	3.92E-04	5.18E-04	5.47E-04	6.88E-04	8.08E-04	8.35E-04	7.63E-06	4.91E-04	7.75E-06	3.98E-05	0.00E+00
New Jersey	Sussex	34037	U	Mercury Compounds	1.59E-03	1.60E-03	1.62E-03	1.65E-03	1.66E-03	1.68E-03	1.72E-03	1.76E-03	3.24E-06	1.44E-04	2.63E-07	1.02E-05	1.50E-03
New Jersey	Sussex	34037	U	Methylene Chloride	1.90E-01	1.97E-01	2.10E-01	2.42E-01	2.62E-01	2.77E-01	3.31E-01	3.95E-01	1.04E-02	1.01E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Sussex	34037	U	Nickel Compounds	2.78E-04	3.27E-04	4.78E-04	7.12E-04	7.27E-04	9.00E-04	1.31E-03	1.47E-03	3.03E-05	6.65E-04	1.52E-05	1.69E-05	0.00E+00
New Jersey	Sussex	34037	U	Perchloroethylene	1.54E-01	1.56E-01	1.61E-01	1.73E-01	1.74E-01	1.86E-01	1.92E-01	1.97E-01	1.47E-03	3.23E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Sussex	34037	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	5.28E-09	0.00E+00	0.00E+00	3.80E-04
New Jersey	Sussex	34037	U	Polycyclic Organic Matter	1.52E-02	1.60E-02	1.80E-02	2.84E-02	2.91E-02	3.69E-02	4.38E-02	4.83E-02	1.60E-05	2.89E-02	1.41E-04	2.60E-05	0.00E+00
New Jersey	Sussex	34037	U	7-PAH	9.85E-04	1.01E-03	1.12E-03	1.65E-03	1.69E-03	2.11E-03	2.43E-03	2.66E-03	1.13E-08	1.61E-03	6.47E-05	1.22E-05	0.00E+00
New Jersey	Sussex	34037	U	Propylene Dichloride	1.89E-05	1.96E-05	2.02E-05	2.26E-05	2.31E-05	2.45E-05	2.81E-05	3.00E-05	6.30E-06	1.68E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	U	Quinoline	9.14E-08	1.09E-07	1.46E-07	2.32E-07	2.46E-07	3.07E-07	3.83E-07	5.11E-07	0.00E+00	2.46E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	U	1,1,2,2-Tetrachloroethane	1.37E-04	1.40E-04	1.55E-04	1.66E-04	1.73E-04	1.87E-04	2.22E-04	2.34E-04	5.78E-05	1.15E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex	34037	U	Trichloroethylene	9.50E-02	9.54E-02	9.97E-02	1.10E-01	1.23E-01	1.24E-01	1.81E-01	1.90E-01	2.92E-03	3.86E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Sussex	34037	U	Vinyl Chloride	3.45E-04	3.53E-04	3.92E-04	4.16E-04	4.35E-04	4.71E-04	5.59E-04	5.81E-04	1.42E-04	2.93E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	Acetaldehyde	1.02E+00	1.04E+00	1.21E+00	1.47E+00	1.59E+00	1.80E+00	2.18E+00	2.29E+00	8.49E-04	1.93E-01	7.21E-01	6.76E-01	0.00E+00
New Jersey	Union	34039	U	Acrolein	1.25E-01	1.31E-01	1.42E-01	1.83E-01	2.08E-01	2.34E-01	3.10E-01	3.39E-01	3.53E-05	1.65E-02	8.82E-02	1.03E-01	0.00E+00
New Jersey	Union	34039	U	Acrylonitrile	1.52E-03	1.57E-03	1.88E-03	2.57E-03	2.88E-03	3.41E-03	4.39E-03	4.79E-03	2.31E-03	5.72E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	Arsenic Compounds	5.88E-05	6.03E-05	7.25E-05	9.60E-05	1.07E-04	1.37E-04	1.71E-04	1.97E-04	1.31E-05	9.28E-05	1.44E-06	6.11E-08	0.00E+00
New Jersey	Union	34039	U	Benzene	1.35E+00	1.39E+00	1.52E+00	1.70E+00	1.83E+00	2.12E+00	2.44E+00	2.68E+00	1.32E-01	7.71E-02	7.52E-01	3.89E-01	4.80E-01
New Jersey	Union	34039	U	Beryllium Compounds	1.47E-05	1.57E-05	1.70E-05	2.26E-05	2.48E-05	3.08E-05	3.72E-05	3.90E-05	5.31E-07	2.43E-05	0.00E+00	5.78E-11	0.00E+00
New Jersey	Union	34039	U	1,3-Butadiene	4.75E-02	5.29E-02	6.01E-02	7.74E-02	8.66E-02	1.05E-01	1.38E-01	1.57E-01	2.92E-05	2.54E-04	6.44E-02	2.19E-02	0.00E+00
New Jersey	Union	34039	U	Cadmium Compounds	9.05E-05	9.38E-05	1.05E-04	1.43E-04	1.68E-04	2.09E-04	2.57E-04	2.83E-04	1.69E-05	1.51E-04	0.00E+00	8.01E-10	0.00E+00
New Jersey	Union	34039	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	1.11E-05	1.24E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Union	34039	U	Chloroform	9.07E-02	9.11E-02	9.20E-02	9.36E-02	9.51E-02	9.65E-02	9.86E-02	9.98E-02	4.56E-04	1.16E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Union	34039	U	Chromium Compounds	1.21E-03	1.27E-03	1.80E-03	2.65E-03	3.70E-03	4.36E-03	7.80E-03	9.83E-03	1.69E-04	3.20E-03	9.18E-05	2.44E-04	0.00E+00
New Jersey	Union	34039	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
New Jersey	Union	34039	U	1,3-Dichloropropene	1.09E-01	1.13E-01	1.33E-01	1.68E-01	1.84E-01	2.18E-01	2.86E-01	3.07E-01	0.00E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	Diesel Particulate Matter	2.97E+00	3.03E+00	3.22E+00	3.73E+00	4.38E+00	4.69E+00	6.23E+00	1.02E+01	0.00E+00	0.00E+00	1.07E+00	3.31E+00	***
New Jersey	Union	34039	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	1.29E-06	2.66E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Union	34039	U	Ethylene Dichloride	6.15E-02	6.16E-02	6.17E-02	6.18E-02	6.28E-02	6.22E-02	6.27E-02	6.32E-02	1.46E-03	3.47E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Union	34039	U	Ethylene Oxide	5.40E-03	5.68E-03	6.07E-03	6.77E-03	7.20E-03	7.67E-03	9.41E-03	1.12E-02	1.21E-03	5.98E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	Formaldehyde	1.47E+00	1.53E+00	1.65E+00	2.04E+00	2.28E+00	2.59E+00	3.12E+00	3.37E+00	9.78E-03	1.67E-01	6.45E-01	1.21E+00	2.50E-01
New Jersey	Union	34039	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	2.53E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Union	34039	U	Hydrazine	6.77E-05	7.23E-05	8.43E-05	9.81E-05	1.34E-04	1.33E-04	2.47E-04	3.48E-04	7.61E-05	5.77E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	Lead Compounds	4.64E-03	4.98E-03	7.21E-03	1.35E-02	1.84E-02	2.51E-02	3.78E-02	4.73E-02	1.81E-04	4.60E-03	1.28E-04	1.35E-02	0.00E+00
New Jersey	Union	34039	U	Manganese Compounds	1.94E-03	2.11E-03	2.49E-03	3.08E-03	3.33E-03	3.99E-03	4.83E-03	5.66E-03	9.61E-05	2.93E-03	3.71E-05	2.65E-04	0.00E+00
New Jersey	Union	34039	U	Mercury Compounds	2.14E-03	2.17E-03	2.32E-03	2.55E-03	2.81E-03	3.07E-03	3.46E-03	3.63E-03	8.97E-05	1.15E-03	1.23E-06	7.03E-05	1.50E-03
New Jersey	Union	34039	U	Methylene Chloride	4.87E-01	5.07E-01	5.68E-01	6.78E-01	7.24E-01	8.27E-01	1.02E+00	1.15E+00	5.92E-02	5.15E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Union	34039	U	Nickel Compounds	2.14E-03	2.19E-03	2.59E-03	3.08E-03	3.53E-03	4.15E-03	5.60E-03	6.39E-03	3.13E-04	3.03E-03	7.15E-05	1.12E-04	0.00E+00
New Jersey	Union	34039	U	Perchloroethylene	2.90E-01	2.96E-01	3.23E-01	3.68E-01	3.93E-01	4.64E-01	5.21E-01	5.59E-01	1.48E-02	2.38E-01	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 New Jersey																	
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
New Jersey	Union	34039	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	9.33E-09	0.00E+00	0.00E+00	3.80E-04
New Jersey	Union	34039	U	Polycyclic Organic Matter	9.19E-02	9.92E-02	1.16E-01	1.46E-01	1.64E-01	2.00E-01	2.59E-01	2.80E-01	1.58E-02	1.48E-01	3.31E-04	2.03E-04	0.00E+00
New Jersey	Union	34039	U	7-PAH	4.88E-03	5.17E-03	5.96E-03	7.33E-03	7.92E-03	9.16E-03	1.19E-02	1.27E-02	2.85E-06	7.74E-03	1.58E-04	2.17E-05	0.00E+00
New Jersey	Union	34039	U	Propylene Dichloride	9.53E-05	9.86E-05	1.20E-04	1.63E-04	1.86E-04	2.24E-04	3.00E-04	3.06E-04	1.40E-04	4.61E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	Quinoline	1.28E-06	1.36E-06	1.72E-06	2.46E-06	3.13E-06	3.62E-06	6.13E-06	7.65E-06	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	1,1,2,2-Tetrachloroethane	7.13E-04	7.34E-04	8.76E-04	1.22E-03	1.35E-03	1.59E-03	2.04E-03	2.33E-03	1.29E-03	5.88E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union	34039	U	Trichloroethylene	1.31E-01	1.34E-01	1.45E-01	1.64E-01	1.68E-01	1.84E-01	2.13E-01	2.27E-01	1.64E-02	7.09E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Union	34039	U	Vinyl Chloride	1.91E-03	1.96E-03	2.36E-03	3.33E-03	3.65E-03	4.34E-03	5.60E-03	6.24E-03	3.15E-03	4.96E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	Acetaldehyde	2.87E-01	2.87E-01	3.46E-01	4.74E-01	4.77E-01	5.99E-01	6.69E-01	6.74E-01	7.95E-06	3.36E-02	3.15E-01	1.28E-01	0.00E+00
New Jersey	Warren	34041	U	Acrolein	4.42E-02	4.53E-02	5.07E-02	6.79E-02	6.72E-02	7.87E-02	8.95E-02	9.50E-02	1.07E-05	1.10E-02	3.55E-02	2.06E-02	0.00E+00
New Jersey	Warren	34041	U	Acrylonitrile	4.21E-04	4.35E-04	5.41E-04	8.64E-04	9.61E-04	1.42E-03	1.55E-03	1.55E-03	7.60E-04	2.02E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	Arsenic Compounds	1.33E-05	1.48E-05	2.12E-05	3.53E-05	4.63E-05	5.05E-05	9.70E-05	1.05E-04	2.22E-05	2.38E-05	3.37E-07	1.16E-08	0.00E+00
New Jersey	Warren	34041	U	Benzene	7.94E-01	7.99E-01	8.57E-01	9.87E-01	1.04E+00	1.18E+00	1.25E+00	1.39E+00	2.78E-03	2.53E-02	2.91E-01	2.39E-01	4.80E-01
New Jersey	Warren	34041	U	Beryllium Compounds	2.24E-06	2.24E-06	3.70E-06	5.72E-06	7.64E-06	1.13E-05	1.22E-05	1.59E-05	4.10E-07	7.23E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	1,3-Butadiene	1.21E-02	1.21E-02	1.49E-02	2.39E-02	2.95E-02	4.31E-02	4.95E-02	5.73E-02	9.79E-07	5.68E-04	2.20E-02	6.90E-03	0.00E+00
New Jersey	Warren	34041	U	Cadmium Compounds	1.42E-05	1.71E-05	2.22E-05	4.15E-05	1.43E-04	1.46E-04	4.33E-04	4.86E-04	1.20E-04	2.26E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	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	1.39E-06	2.21E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Warren	34041	U	Chloroform	1.38E-01	1.39E-01	1.42E-01	2.46E-01	4.04E-01	3.55E-01	9.27E-01	1.37E+00	3.20E-01	1.63E-03	0.00E+00	0.00E+00	8.30E-02
New Jersey	Warren	34041	U	Chromium Compounds	2.69E-04	3.58E-04	6.02E-04	1.03E-03	1.81E-03	2.37E-03	4.16E-03	7.29E-03	1.20E-05	1.74E-03	2.18E-05	4.24E-05	0.00E+00
New Jersey	Warren	34041	U	Coke Oven Emissions	1.76E-04	1.82E-04	3.00E-04	3.90E-04	5.58E-04	3.80E-04	1.20E-03	1.69E-03	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	1,3-Dichloropropene	1.70E-02	1.86E-02	2.69E-02	4.25E-02	5.90E-02	8.39E-02	8.69E-02	1.24E-01	0.00E+00	5.90E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	Diesel Particulate Matter	2.18E+00	2.26E+00	2.43E+00	2.58E+00	2.61E+00	2.85E+00	3.07E+00	3.08E+00	0.00E+00	0.00E+00	9.43E-01	1.67E+00	***
New Jersey	Warren	34041	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	4.25E-07	4.60E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Warren	34041	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	9.79E-05	2.86E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Warren	34041	U	Ethylene Oxide	1.27E-03	1.96E-03	2.40E-03	4.48E-03	1.13E-02	1.34E-02	3.12E-02	4.95E-02	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	Formaldehyde	5.92E-01	5.96E-01	6.47E-01	8.35E-01	8.65E-01	1.05E+00	1.16E+00	1.17E+00	1.01E-04	1.22E-01	2.64E-01	2.29E-01	2.50E-01
New Jersey	Warren	34041	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	4.11E-08	0.00E+00	0.00E+00	9.30E-05
New Jersey	Warren	34041	U	Hydrazine	8.52E-09	9.39E-09	1.72E-08	9.54E-08	4.03E-07	5.42E-07	1.35E-06	1.71E-06	1.99E-07	2.04E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	Lead Compounds	2.95E-04	3.19E-04	4.56E-04	8.94E-04	3.58E-03	3.63E-03	1.11E-02	1.23E-02	3.07E-03	3.80E-04	3.03E-05	1.00E-04	0.00E+00
New Jersey	Warren	34041	U	Manganese Compounds	4.46E-04	4.51E-04	6.36E-04	1.16E-03	1.15E-03	1.41E-03	1.81E-03	2.29E-03	1.95E-05	1.08E-03	8.76E-06	4.80E-05	0.00E+00
New Jersey	Warren	34041	U	Mercury Compounds	1.60E-03	1.61E-03	1.64E-03	1.78E-03	1.85E-03	1.97E-03	2.18E-03	2.38E-03	1.18E-04	2.22E-04	2.93E-07	1.21E-05	1.50E-03
New Jersey	Warren	34041	U	Methylene Chloride	2.24E-01	2.53E-01	2.65E-01	4.17E-01	6.62E-01	7.01E-01	1.71E+00	1.92E+00	3.77E-01	1.36E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Warren	34041	U	Nickel Compounds	3.38E-04	3.70E-04	5.11E-04	7.39E-04	1.34E-03	1.73E-03	3.35E-03	4.72E-03	4.30E-05	1.26E-03	1.69E-05	2.06E-05	0.00E+00
New Jersey	Warren	34041	U	Perchloroethylene	1.57E-01	1.60E-01	1.72E-01	1.94E-01	2.21E-01	2.64E-01	2.90E-01	3.00E-01	1.52E-03	7.93E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Warren	34041	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	1.71E-09	0.00E+00	0.00E+00	3.80E-04
New Jersey	Warren	34041	U	Polycyclic Organic Matter	1.49E-02	1.60E-02	2.25E-02	3.62E-02	4.54E-02	6.17E-02	6.84E-02	9.09E-02	7.14E-07	4.50E-02	2.50E-04	6.01E-05	0.00E+00
New Jersey	Warren	34041	U	7-PAH	1.00E-03	1.08E-03	1.38E-03	2.06E-03	2.60E-03	3.43E-03	3.78E-03	5.07E-03	1.07E-08	2.46E-03	1.09E-04	2.94E-05	0.00E+00
New Jersey	Warren	34041	U	Propylene Dichloride	2.46E-05	2.64E-05	3.42E-05	5.22E-05	5.96E-05	8.83E-05	9.29E-05	9.60E-05	4.60E-05	1.36E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	Quinoline	1.11E-07	1.13E-07	1.52E-07	2.14E-07	4.83E-07	5.55E-07	1.30E-06	2.03E-06	0.00E+00	4.83E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	1,1,2,2-Tetrachloroethane	1.83E-04	2.01E-04	2.69E-04	4.35E-04	4.85E-04	7.22E-04	8.02E-04	8.08E-04	4.21E-04	6.39E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren	34041	U	Trichloroethylene	9.47E-02	9.49E-02	9.72E-02	1.08E-01	1.11E-01	1.20E-01	1.37E-01	1.42E-01	8.95E-03	2.11E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Warren	34041	U	Vinyl Chloride	5.00E-04	5.10E-04	6.86E-04	1.13E-03	1.27E-03	1.90E-03	2.09E-03	2.11E-03	1.04E-03	2.30E-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	5.54E-01	2.34E-01	4.80E-01	0.00E+00
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	8.47E-02	8.73E-02	9.61E-02	1.06E-01	2.73E-03	3.69E-03	0.00E+00	0.00E+00	8.30E-02
National	Nationwide	N/A	N/A	Chromium Compounds	1.70E-05	3.97E-05	1.68E-04	7.95E-04	2.33E-03	2.65E-03	5.56E-03	8.43E-03	3.51E-04	1.79E-03	4.22E-05	1.39E-04	0.00E+00
National	Nationwide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	7.38E-04	4.79E-03	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for New Jersey																	
State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
National	Nationwide	N/A	N/A	1,3-Dichloropropene	2.53E-03	5.17E-03	2.01E-02	6.45E-02	9.53E-02	1.19E-01	2.24E-01	3.33E-01	3.13E-06	9.53E-02	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Diesel Particulate Matter	3.28E-01	4.86E-01	8.49E-01	1.53E+00	2.06E+00	2.45E+00	3.66E+00	5.37E+00	0.00E+00	0.00E+00	6.30E-01	1.43E+00	***
National	Nationwide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.73E-03	7.70E-03	7.71E-03	7.72E-03	1.21E-05	2.09E-05	0.00E+00	0.00E+00	7.70E-03
National	Nationwide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.32E-02	6.15E-02	6.29E-02	6.71E-02	1.90E-03	2.75E-04	0.00E+00	0.00E+00	6.10E-02
National	Nationwide	N/A	N/A	Ethylene Oxide	2.82E-05	7.07E-05	3.53E-04	1.60E-03	4.14E-03	4.13E-03	8.47E-03	1.40E-02	4.64E-04	3.67E-03	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Formaldehyde	3.45E-01	4.05E-01	5.61E-01	8.90E-01	1.25E+00	1.44E+00	2.24E+00	3.15E+00	1.15E-02	1.38E-01	3.76E-01	4.77E-01	2.50E-01
National	Nationwide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.34E-05	9.31E-05	9.34E-05	9.42E-05	7.55E-08	3.48E-07	0.00E+00	0.00E+00	9.30E-05
National	Nationwide	N/A	N/A	Hydrazine	3.66E-11	2.90E-10	4.99E-09	4.40E-08	9.77E-06	3.01E-07	6.46E-06	2.18E-05	3.27E-06	6.50E-06	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Lead Compounds	3.67E-05	8.95E-05	3.98E-04	1.88E-03	5.99E-03	6.10E-03	1.54E-02	2.50E-02	4.93E-04	2.16E-03	5.88E-05	3.28E-03	0.00E+00
National	Nationwide	N/A	N/A	Manganese Compounds	5.71E-05	1.43E-04	5.63E-04	1.46E-03	3.13E-03	3.27E-03	6.54E-03	9.27E-03	9.06E-04	2.06E-03	1.72E-05	1.41E-04	0.00E+00
National	Nationwide	N/A	N/A	Mercury Compounds	1.51E-03	1.52E-03	1.56E-03	1.69E-03	2.06E-03	2.00E-03	2.67E-03	3.77E-03	6.17E-05	4.69E-04	5.60E-07	2.90E-05	1.50E-03
National	Nationwide	N/A	N/A	Methylene Chloride	1.56E-01	1.63E-01	2.09E-01	3.40E-01	4.70E-01	5.62E-01	9.22E-01	1.19E+00	6.20E-02	2.58E-01	0.00E+00	0.00E+00	1.50E-01
National	Nationwide	N/A	N/A	Nickel Compounds	2.43E-05	5.57E-05	2.47E-04	9.48E-04	2.22E-03	2.79E-03	5.29E-03	7.58E-03	3.39E-04	1.53E-03	3.28E-05	3.22E-04	0.00E+00
National	Nationwide	N/A	N/A	Perchloroethylene	1.42E-01	1.46E-01	1.66E-01	2.43E-01	3.23E-01	3.68E-01	5.98E-01	7.80E-01	2.30E-02	1.60E-01	0.00E+00	0.00E+00	1.40E-01
National	Nationwide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.80E-04	3.67E-09	1.09E-06	0.00E+00	0.00E+00	3.80E-04
National	Nationwide	N/A	N/A	Polycyclic Organic Matter	4.74E-03	8.13E-03	2.25E-02	5.79E-02	9.07E-02	1.10E-01	2.13E-01	3.06E-01	6.63E-03	8.37E-02	2.60E-04	9.44E-05	0.00E+00
National	Nationwide	N/A	N/A	7-PAH	2.91E-04	5.22E-04	1.11E-03	2.70E-03	4.36E-03	5.09E-03	1.02E-02	1.52E-02	2.17E-04	4.00E-03	1.18E-04	2.55E-05	0.00E+00
National	Nationwide	N/A	N/A	Propylene Dichloride	1.51E-06	3.50E-06	1.20E-05	4.16E-05	4.04E-04	1.34E-04	3.98E-04	8.71E-04	3.55E-04	4.90E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Quinoline	7.86E-10	4.86E-09	4.10E-08	2.53E-07	4.33E-05	1.05E-06	3.31E-06	5.44E-05	2.96E-05	1.36E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,1,2,2-Tetrachloroethane	9.99E-06	2.36E-05	8.38E-05	3.13E-04	1.71E-03	1.03E-03	3.05E-03	5.96E-03	1.37E-03	3.35E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Trichloroethylene	8.16E-02	8.26E-02	9.03E-02	1.18E-01	1.79E-01	1.85E-01	3.18E-01	4.60E-01	2.70E-02	7.12E-02	0.00E+00	0.00E+00	8.10E-02
National	Nationwide	N/A	N/A	Vinyl Chloride	2.96E-05	7.20E-05	2.62E-04	1.06E-03	5.66E-03	3.95E-03	1.14E-02	2.04E-02	4.37E-03	1.29E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Acetaldehyde	1.26E-01	2.01E-01	4.01E-01	7.43E-01	9.67E-01	1.19E+00	1.84E+00	2.59E+00	7.02E-03	8.33E-02	5.29E-01	3.48E-01	0.00E+00
National	All Urban Counties	N/A	U	Acrolein	2.27E-02	3.49E-02	6.21E-02	1.03E-01	1.39E-01	1.63E-01	2.67E-01	3.97E-01	4.21E-03	2.48E-02	5.93E-02	5.07E-02	0.00E+00
National	All Urban Counties	N/A	U	Acrylonitrile	7.60E-05	1.42E-04	4.09E-04	1.16E-03	6.16E-03	3.83E-03	1.01E-02	2.07E-02	5.16E-03	9.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Arsenic Compounds	7.67E-06	1.55E-05	3.74E-05	8.05E-05	1.69E-04	1.55E-04	2.77E-04	4.44E-04	5.69E-05	1.02E-04	7.70E-07	9.52E-06	0.00E+00
National	All Urban Counties	N/A	U	Benzene	6.48E-01	7.48E-01	1.00E+00	1.41E+00	1.57E+00	1.94E+00	2.52E+00	2.98E+00	4.57E-02	9.18E-02	6.67E-01	2.82E-01	4.80E-01
National	All Urban Counties	N/A	U	Beryllium Compounds	1.06E-06	2.35E-06	6.74E-06	1.39E-05	3.70E-05	2.48E-05	4.40E-05	6.75E-05	2.16E-06	3.48E-05	0.00E+00	8.34E-08	0.00E+00
National	All Urban Counties	N/A	U	1,3-Butadiene	1.11E-02	1.76E-02	3.63E-02	6.65E-02	8.41E-02	1.06E-01	1.58E-01	2.03E-01	1.74E-03	8.68E-03	5.57E-02	1.79E-02	0.00E+00
National	All Urban Counties	N/A	U	Cadmium Compounds	4.93E-06	1.04E-05	2.70E-05	7.72E-05	2.49E-04	2.35E-04	5.80E-04	8.79E-04	2.81E-05	2.20E-04	0.00E+00	1.16E-06	0.00E+00
National	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.84E-01	6.68E-04	8.12E-04	0.00E+00	0.00E+00	8.80E-01
National	All Urban Counties	N/A	U	Chloroform	8.33E-02	8.35E-02	8.40E-02	8.53E-02	9.08E-02	8.84E-02	9.91E-02	1.08E-01	3.20E-03	4.56E-03	0.00E+00	0.00E+00	8.30E-02
National	All Urban Counties	N/A	U	Chromium Compounds	5.60E-05	1.17E-04	3.65E-04	1.26E-03	2.77E-03	3.26E-03	6.29E-03	9.37E-03	4.05E-04	2.14E-03	5.02E-05	1.72E-04	0.00E+00
National	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	1.92E-03	6.37E-03	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,3-Dichloropropene	8.34E-03	1.65E-02	4.38E-02	8.18E-02	1.16E-01	1.41E-01	2.58E-01	3.71E-01	3.83E-06	1.16E-01	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Diesel Particulate Matter	5.13E-01	7.18E-01	1.17E+00	1.86E+00	2.41E+00	2.70E+00	4.09E+00	6.06E+00	0.00E+00	0.00E+00	7.25E-01	1.69E+00	***
National	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.74E-03	7.70E-03	7.71E-03	7.73E-03	1.50E-05	2.63E-05	0.00E+00	0.00E+00	7.70E-03
National	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.37E-02	6.17E-02	6.35E-02	6.95E-02	2.34E-03	3.37E-04	0.00E+00	0.00E+00	6.10E-02
National	All Urban Counties	N/A	U	Ethylene Oxide	1.20E-04	2.66E-04	8.55E-04	2.30E-03	5.02E-03	5.01E-03	9.87E-03	1.63E-02	5.26E-04	4.49E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Formaldehyde	4.21E-01	5.10E-01	7.18E-01	1.06E+00	1.44E+00	1.62E+00	2.46E+00	3.73E+00	1.28E-02	1.34E-01	4.54E-01	5.88E-01	2.50E-01
National	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.35E-05	9.31E-05	9.36E-05	9.46E-05	9.13E-08	4.16E-07	0.00E+00	0.00E+00	9.30E-05
National	All Urban Counties	N/A	U	Hydrazine	8.29E-10	3.00E-09	1.51E-08	7.86E-08	1.21E-05	5.18E-07	9.97E-06	2.74E-05	4.01E-06	8.13E-06	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Lead Compounds	1.38E-04	2.86E-04	9.04E-04	3.03E-03	7.30E-03	7.88E-03	1.79E-02	2.84E-02	5.61E-04	2.58E-03	7.00E-05	4.10E-03	0.00E+00
National	All Urban Counties	N/A	U	Manganese Compounds	1.77E-04	3.76E-04	9.10E-04	1.82E-03	3.45E-03	3.79E-03	7.09E-03	9.81E-03	9.40E-04	2.32E-03	2.05E-05	1.74E-04	0.00E+00
National	All Urban Counties	N/A	U	Mercury Compounds	1.52E-03	1.55E-03	1.61E-03	1.78E-03	2.19E-03	2.11E-03	2.95E-03	4.15E-03	6.99E-05	5.79E-04	6.65E-07	3.57E-05	1.50E-03
National	All Urban Counties	N/A	U	Methylene Chloride	1.73E-01	1.97E-01	2.69E-01	4.02E-01	5.34E-01	6.45E-01	1.00E+00	1.27E+00	7.21E-02	3.12E-01	0.00E+00	0.00E+00	1.50E-01
National	All Urban Counties	N/A	U	Nickel Compounds	8.55E-05	1.78E-04	5.15E-04	1.41E-03	2.66E-03	3.37E-03	5.84E-03	8.35E-03	3.98E-04	1.82E-03	3.90E-05	4.00E-04	0.00E+00
National	All Urban Counties	N/A	U	Perchloroethylene	1.51E-01	1.62E-01	2.03E-01	2.83E-01	3.65E-01	4.20E-01	6.57E-01	8.40E-01	2.84E-02	1.97E-01	0.00E+00	0.00E+00	1.40E-01
National	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.81E-04	3.74E-09	1.38E-06	0.00E+00	0.00E+00	3.80E-04
National	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.03E-02	1.78E-02	4.00E-02	7.15E-02	1.08E-01	1.30E-01	2.41E-01	3.33E-01	7.54E-03	9.97E-02	3.07E-04	1.13E-04	0.00E+00
National	All Urban Counties	N/A	U	7-PAH	4.71E-04	7.69E-04	1.70E-03	3.36E-03	5.13E-03	5.98E-03	1.17E-02	1.68E-02	2.72E-04	4.69E-03	1.39E-04	2.91E-05	0.00E+00
National	All Urban Counties	N/A	U	Propylene Dichloride	4.71E-06	8.70E-06	2.28E-05	6.25E-05	5.06E-04	1.89E-04	4.93E-04	1.09E-03	4.47E-04	5.85E-05	0.00E+00	0.00E+00	0.00E+00
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

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

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