

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for New Jersey: For Review Only

The purpose of presenting these estimates is to provide additional information for State, local, and tribal organization review of the draft 1999 NEI for HAPs posted October 2002. EPA strongly cautions that these model estimates should not be used to draw conclusions about air quality or risk. They should also not be used for comparison with 1996 NATA results to perform trends analysis because, in addition to being draft, changes have been made to emission inventory and processing methodologies.

[See www.epa.gov/ttn/chief/net/index.html#1999](http://www.epa.gov/ttn/chief/net/index.html#1999) for more information on the draft 1999 NEI for HAPs.

Please also note:

- The general approach for emission inventory development and modeling is similar to that used for the National-Scale Assessment for 1996
[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm](http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm)
- The emission processing and modeling procedures utilize 1999 meteorology, 1999 emissions and updated and new spatial information including the 2000 census for population and census tract centroid location
[Background concentrations are the same as those used in the 1996 NATA.](#)
- For formaldehyde and acetaldehyde, secondary contributions were estimated outside of the ASPEN model using the same proportion of secondary to primary concentrations as was used in the 1996 NATA assessment.
- Because the emissions used are from 1999, they do not reflect potentially significant emission reductions that have taken effect since then, 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.

DRAFT FOR REVIEW ONLY 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	Statewide	N/A	N/A	Acetaldehyde	2.09E-01	2.86E-01	5.71E-01	1.05E+00	1.25E+00	1.70E+00	2.54E+00	3.03E+00	4.24E-02	1.68E-01	9.03E-01	1.40E-01	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Acrolein	4.57E-02	5.60E-02	9.14E-02	1.57E-01	1.88E-01	2.52E-01	3.79E-01	4.88E-01	6.30E-04	5.19E-02	1.02E-01	3.42E-02	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Acrylonitrile	2.82E-04	4.15E-04	7.76E-04	1.34E-03	1.75E-03	2.09E-03	3.09E-03	4.08E-03	4.63E-04	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Arsenic Compounds	6.17E-05	8.88E-05	1.38E-04	2.25E-04	3.87E-04	3.88E-04	7.44E-04	1.19E-03	1.75E-04	8.18E-05	1.01E-04	2.83E-05	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Benzene	8.28E-01	8.91E-01	1.12E+00	1.54E+00	1.85E+00	2.22E+00	3.42E+00	3.87E+00	1.89E-02	1.66E-01	9.31E-01	2.50E-01	4.80E-01	4.80E-01	
New Jersey	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Statewide	N/A	N/A	Beryllium Compounds	8.48E-06	1.11E-05	1.64E-05	2.76E-05	3.77E-05	5.46E-05	7.76E-05	9.23E-05	1.91E-06	3.55E-05	0.00E+00	2.70E-07	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	1,3-Butadiene	1.73E-02	2.25E-02	3.83E-02	6.96E-02	1.10E-01	1.40E-01	2.63E-01	3.46E-01	2.53E-04	1.07E-02	7.55E-02	2.37E-02	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Cadmium Compounds	1.20E-05	1.74E-05	3.74E-05	6.71E-05	8.09E-05	1.04E-04	1.35E-04	1.65E-04	2.50E-05	5.53E-05	0.00E+00	6.12E-07	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Carbon Disulfide	4.79E-02	4.85E-02	5.05E-02	5.49E-02	5.99E-02	6.43E-02	7.49E-02	8.22E-02	2.51E-03	1.04E-02	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
New Jersey	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.83E-01	8.83E-01	8.61E-06	1.27E-03	0.00E+00	0.00E+00	8.80E-01	8.80E-01	
New Jersey	Statewide	N/A	N/A	Chloroform	9.54E-02	1.03E-01	1.20E-01	1.44E-01	1.61E-01	1.92E-01	2.37E-01	2.65E-01	1.81E-03	7.58E-02	0.00E+00	0.00E+00	8.30E-02	8.30E-02	
New Jersey	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	5.18E-05	9.57E-05	4.02E-04	6.33E-04	4.44E-03	1.37E-03	3.47E-03	6.01E-03	3.96E-03	3.93E-04	8.94E-05	5.05E-06	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Chromium VI	1.51E-05	2.53E-05	8.17E-05	1.48E-04	1.90E-04	2.30E-04	3.30E-04	4.35E-04	5.43E-05	9.80E-05	3.57E-05	1.72E-06	0.00E+00	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	0.00E+00	0.00E+00	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	Statewide	N/A	N/A	1,4-Dichlorobenzene	1.52E-02	2.23E-02	3.81E-02	6.02E-02	8.04E-02	1.10E-01	1.66E-01	1.98E-01	1.31E-03	7.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	1,3-Dichloropropene	2.88E-02	4.26E-02	7.25E-02	1.13E-01	1.54E-01	2.09E-01	3.25E-01	3.85E-01	2.51E-07	1.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	7.72E-03	7.73E-03	7.74E-03	7.19E-06	4.25E-06	0.00E+00	0.00E+00	7.70E-03	7.70E-03	
New Jersey	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.11E-02	6.13E-02	6.15E-02	6.17E-02	6.17E-02	6.17E-02	6.39E-02	5.33E-04	5.76E-04	0.00E+00	0.00E+00	6.10E-02	6.10E-02	
New Jersey	Statewide	N/A	N/A	Ethylene Oxide	4.24E-04	6.61E-04	1.61E-03	4.05E-03	6.36E-03	7.57E-03	1.35E-02	2.00E-02	8.96E-04	5.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Formaldehyde	5.18E-01	5.96E-01	8.44E-01	1.26E+00	1.49E+00	1.89E+00	2.78E+00	3.20E+00	4.76E-02	1.20E-01	7.86E-01	2.89E-01	2.50E-01	2.50E-01	
New Jersey	Statewide	N/A	N/A	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.39E-05	0.00E+00	3.33E-07	0.00E+00	0.00E+00	9.30E-05	9.30E-05	
New Jersey	Statewide	N/A	N/A	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.85E-03	1.87E-03	1.91E-03	1.98E-03	2.04E-03	6.94E-05	7.26E-07	0.00E+00	0.00E+00	1.80E-03	1.80E-03	
New Jersey	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	2.06E-04	3.83E-05	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Hydrazine	3.34E-09	1.34E-08	7.02E-08	4.91E-06	3.44E-05	2.62E-05	5.89E-05	1.22E-04	2.56E-05	8.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Lead Compounds	5.55E-04	1.15E-03	2.91E-03	6.37E-03	9.86E-03	1.21E-02	1.77E-02	2.37E-02	5.40E-03	1.45E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Manganese Compounds	4.38E-04	5.60E-04	9.18E-04	1.47E-03	2.44E-03	1.95E-03	3.14E-03	4.55E-03	8.19E-04	1.58E-03	2.84E-05	6.14E-06	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Mercury Compounds	1.55E-03	1.58E-03	1.65E-03	1.76E-03	1.80E-03	1.90E-03	2.05E-03	2.14E-03	4.86E-05	1.33E-04	9.68E-05	2.35E-05	1.50E-03	1.50E-03	
New Jersey	Statewide	N/A	N/A	Methylene Chloride	2.10E-01	2.43E-01	3.19E-01	4.94E-01	5.73E-01	7.59E-01	1.00E+00	1.16E+00	3.54E-02	3.88E-01	0.00E+00	0.00E+00	1.50E-01	1.50E-01	
New Jersey	Statewide	N/A	N/A	Nickel Compounds	2.94E-04	4.34E-04	9.26E-04	1.87E-03	2.35E-03	2.88E-03	4.64E-03	6.21E-03	7.26E-04	1.47E-03	6.61E-05	8.57E-05	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Perchloroethylene	1.58E-01	1.67E-01	1.97E-01	2.56E-01	3.08E-01	3.90E-01	5.07E-01	6.17E-01	1.31E-03	1.66E-01	0.00E+00	0.00E+00	1.40E-01	1.40E-01	
New Jersey	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.83E-04	3.88E-04	3.99E-04	3.97E-04	4.34E-04	4.57E-04	7.05E-09	1.92E-05	0.00E+00	0.00E+00	3.80E-04	3.80E-04	
New Jersey	Statewide	N/A	N/A	Polycyclic Organic Matter	2.11E-02	2.80E-02	4.93E-02	8.82E-02	1.17E-01	1.61E-01	2.50E-01	3.28E-01	2.73E-03	7.98E-02	2.70E-02	7.33E-03	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	7-PAH	3.42E-04	3.76E-04	5.20E-04	7.88E-04	8.94E-04	1.13E-03	1.44E-03	1.78E-03	3.89E-06	6.47E-04	1.76E-04	6.69E-05	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Propylene Dichloride	1.58E-05	2.47E-05	4.82E-05	9.59E-05	5.10E-03	5.49E-04	1.82E-02	2.21E-02	5.05E-03	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Quinoline	5.86E-08	1.64E-07	3.61E-07	8.38E-07	1.89E-06	2.66E-06	4.52E-06	6.28E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	1.00E-04	1.34E-04	2.29E-04	3.82E-04	5.25E-04	5.87E-04	8.89E-04	1.20E-03	2.55E-04	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Statewide	N/A	N/A	Trichloroethylene	8.79E-02	9.27E-02	1.10E-01	1.35E-01	1.53E-01	1.75E-01	2.15E-01	2.43E-01	2.39E-02	4.85E-02	0.00E+00	0.00E+00	8.10E-02	8.10E-02	
New Jersey	Statewide	N/A	N/A	Vinyl Chloride	3.52E-04	7.59E-04	3.43E-03	7.03E-03	9.98E-03	1.24E-02	2.01E-02	2.78E-02	2.98E-03	7.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	All Urban Counties	N/A	U	Acetaldehyde	2.09E-01	2.86E-01	5.71E-01	1.05E+00	1.25E+00	1.70E+00	2.54E+00	3.03E+00	4.24E-02	1.68E-01	9.03E-01	1.40E-01	0.00E+00	0.00E+00	
New Jersey	All Urban Counties	N/A	U	Acrolein	4.57E-02	5.60E-02	9.14E-02	1.57E-01	1.88E-01	2.52E-01	3.79E-01	4.88E-01	6.30E-04	5.19E-02	1.02E-01	3.42E-02	0.00E+00	0.00E+00	
New Jersey	All Urban Counties	N/A	U	Acrylonitrile	2.82E-04	4.15E-04	7.76E-04	1.34E-03	1.75E-03	2.09E-03	3.09E-03	4.08E-03	4.63E-04	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	All Urban Counties	N/A	U	Arsenic Compounds	6.17E-05	8.88E-05	1.38E-04	2.25E-04	3.87E-04	3.88E-04	7.44E-04	1.19E-03	1.75E-04	8.18E-05	1.01E-04	2.83E-05	0.00E+00	0.00E+00	
New Jersey	All Urban Counties	N/A	U	Benzene	8.28E-01	8.91E-01	1.12E+00	1.54E+00	1.85E+00	2.22E+00	3.42E+00	3.87E+00	1.89E-02	1.66E-01	9.31E-01	2.50E-01	4.80E-01	4.80E-01	
New Jersey	All Urban Counties	N/A	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	All Urban Counties	N/A	U	Beryllium Compounds	8.48E-06	1.11E-05	1.64E-05	2.76E-05	3.77E-05	5.46E-05	7.76E-05	9.23E-05	1.91E-06	3.55E-05	0.00E+00	2.70E-07	0.00E+00	0.00E+00	
New Jersey	All Urban Counties	N/A	U	1,3-Butadiene	1.73E-02	2.25E-02	3.83E-02	6.96E-02	1.10E-01	1.40E-01	2.63E-01	3.46E-01	2.53E-04	1.07E-02	7.55E-02	2.37E-02	0.00E+00	0.00E+00	

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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	Cadmium Compounds	1.20E-05	1.74E-05	3.74E-05	6.71E-05	8.09E-05	1.04E-04	1.35E-04	1.65E-04	2.50E-05	5.53E-05	0.00E+00	6.12E-07	0.00E+00
New Jersey	All Urban Counties	N/A	U	Carbon Disulfide	4.79E-02	4.85E-02	5.05E-02	5.49E-02	5.99E-02	6.43E-02	7.49E-02	8.22E-02	2.51E-03	1.04E-02	0.00E+00	0.00E+00	4.70E-02
New Jersey	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.83E-01	8.83E-01	8.61E-06	1.27E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	All Urban Counties	N/A	U	Chloroform	9.54E-02	1.03E-01	1.20E-01	1.44E-01	1.61E-01	1.92E-01	2.37E-01	2.65E-01	1.81E-03	7.58E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	5.18E-05	9.57E-05	4.02E-04	6.33E-04	4.44E-03	1.37E-03	3.47E-03	6.01E-03	3.96E-03	3.93E-04	8.94E-05	5.05E-06	0.00E+00
New Jersey	All Urban Counties	N/A	U	Chromium VI	1.51E-05	2.53E-05	8.17E-05	1.48E-04	1.90E-04	2.30E-04	3.30E-04	4.35E-04	5.43E-05	9.80E-05	3.57E-05	1.72E-06	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	0.00E+00	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	All Urban Counties	N/A	U	1,4-Dichlorobenzene	1.52E-02	2.23E-02	3.81E-02	6.02E-02	8.04E-02	1.10E-01	1.66E-01	1.98E-01	1.31E-03	7.91E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	1,3-Dichloropropene	2.88E-02	4.26E-02	7.25E-02	1.13E-01	1.54E-01	2.09E-01	3.25E-01	3.85E-01	2.51E-07	1.54E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	6.70E-03	7.70E-03	7.71E-03	7.71E-03	7.72E-03	7.73E-03	7.74E-03	7.19E-06	4.25E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.11E-02	6.13E-02	6.15E-02	6.21E-02	6.17E-02	6.39E-02	6.68E-02	5.33E-04	5.76E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	All Urban Counties	N/A	U	Ethylene Oxide	4.24E-04	6.61E-04	1.61E-03	4.05E-03	6.36E-03	7.57E-03	1.35E-02	2.00E-02	8.96E-04	5.47E-03	0.00E+00	0.00E+00	6.10E-02
New Jersey	All Urban Counties	N/A	U	Formaldehyde	5.18E-01	5.96E-01	8.44E-01	1.26E+00	1.49E+00	1.89E+00	2.78E+00	3.20E+00	4.76E-02	1.20E-01	7.86E-01	2.89E-01	2.50E-01
New Jersey	All Urban Counties	N/A	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.39E-05	0.00E+00	3.33E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	All Urban Counties	N/A	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.85E-03	1.87E-03	1.91E-03	1.98E-03	2.04E-03	6.94E-05	7.26E-07	0.00E+00	0.00E+00	1.80E-03
New Jersey	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	2.06E-04	3.83E-05	1.07E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Hydrazine	3.34E-09	1.34E-08	7.02E-08	4.91E-06	3.44E-05	2.62E-05	5.89E-05	1.22E-04	2.56E-05	8.75E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Lead Compounds	5.55E-04	1.15E-03	2.91E-03	6.37E-03	9.86E-03	1.21E-02	1.77E-02	2.37E-02	5.40E-03	1.45E-03	0.00E+00	3.01E-03	0.00E+00
New Jersey	All Urban Counties	N/A	U	Manganese Compounds	4.38E-04	5.60E-04	9.18E-04	1.47E-03	2.44E-03	1.95E-03	3.14E-03	4.55E-03	8.19E-04	1.58E-03	2.84E-05	6.14E-06	0.00E+00
New Jersey	All Urban Counties	N/A	U	Mercury Compounds	1.55E-03	1.58E-03	1.65E-03	1.76E-03	1.80E-03	1.80E-03	2.05E-03	2.14E-03	4.86E-05	1.33E-04	9.68E-05	2.35E-05	1.50E-03
New Jersey	All Urban Counties	N/A	U	Methylene Chloride	2.10E-01	2.43E-01	3.19E-01	4.94E-01	5.73E-01	7.59E-01	1.00E+00	1.16E+00	3.54E-02	3.88E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	All Urban Counties	N/A	U	Nickel Compounds	2.94E-04	4.34E-04	9.26E-04	1.87E-03	2.35E-03	2.88E-03	4.64E-03	6.21E-03	7.26E-04	1.47E-03	6.61E-05	8.57E-05	0.00E+00
New Jersey	All Urban Counties	N/A	U	Perchloroethylene	1.58E-01	1.67E-01	1.97E-01	2.56E-01	3.08E-01	3.90E-01	5.07E-01	6.17E-01	1.31E-03	1.66E-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	3.83E-04	3.88E-04	3.99E-04	3.97E-04	4.34E-04	4.57E-04	7.05E-09	1.92E-05	0.00E+00	0.00E+00	3.80E-04
New Jersey	All Urban Counties	N/A	U	Polycyclic Organic Matter	2.11E-02	2.80E-02	4.93E-02	8.82E-02	1.17E-01	1.61E-01	2.50E-01	3.28E-01	2.73E-03	7.98E-02	2.70E-02	7.33E-03	0.00E+00
New Jersey	All Urban Counties	N/A	U	7-PAH	3.42E-04	3.76E-04	5.20E-04	7.88E-04	8.94E-04	1.13E-03	1.44E-03	1.78E-03	3.89E-06	6.47E-04	1.76E-04	6.69E-05	0.00E+00
New Jersey	All Urban Counties	N/A	U	Propylene Dichloride	1.58E-05	2.47E-05	4.82E-05	9.59E-05	5.10E-03	5.49E-04	1.82E-02	2.21E-02	5.05E-03	5.29E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Quinoline	5.86E-08	1.64E-07	3.61E-07	8.38E-07	1.89E-06	2.66E-06	4.52E-06	6.28E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	1.00E-04	1.34E-04	2.29E-04	3.82E-04	5.25E-04	5.87E-04	8.89E-04	1.20E-03	2.55E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	All Urban Counties	N/A	U	Trichloroethylene	8.79E-02	9.27E-02	1.10E-01	1.35E-01	1.53E-01	1.75E-01	2.15E-01	2.43E-01	2.39E-02	4.85E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	All Urban Counties	N/A	U	Vinyl Chloride	3.52E-04	7.59E-04	3.43E-03	7.03E-03	9.98E-03	1.24E-02	2.01E-02	2.78E-02	2.98E-03	7.00E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic County	34001	U	Acetaldehyde	1.71E-01	1.79E-01	2.29E-01	2.81E-01	3.04E-01	3.40E-01	4.10E-01	5.78E-01	3.52E-04	9.77E-02	1.53E-01	5.32E-02	0.00E+00
New Jersey	Atlantic County	34001	U	Acrolein	3.76E-02	3.95E-02	4.59E-02	5.41E-02	5.60E-02	6.38E-02	7.89E-02	8.06E-02	7.60E-05	2.41E-02	2.04E-02	1.14E-02	0.00E+00
New Jersey	Atlantic County	34001	U	Acrylonitrile	2.14E-04	2.47E-04	2.64E-04	3.72E-04	6.12E-04	7.51E-04	9.13E-04	1.18E-03	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic County	34001	U	Arsenic Compounds	2.17E-04	2.40E-04	6.10E-04	8.83E-04	1.12E-03	1.38E-03	2.01E-03	2.77E-03	1.04E-03	4.16E-05	2.24E-05	1.05E-05	0.00E+00
New Jersey	Atlantic County	34001	U	Benzene	7.41E-01	7.85E-01	8.27E-01	8.96E-01	9.42E-01	1.03E+00	1.15E+00	1.35E+00	1.28E-03	7.20E-02	1.90E-01	1.98E-01	4.80E-01
New Jersey	Atlantic County	34001	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34001	U	Beryllium Compounds	5.76E-06	8.06E-06	9.88E-06	1.30E-05	1.48E-05	1.66E-05	2.56E-05	3.16E-05	7.58E-07	1.41E-05	0.00E+00	2.39E-09	0.00E+00
New Jersey	Atlantic County	34001	U	1,3-Butadiene	1.50E-02	1.70E-02	2.09E-02	2.80E-02	3.48E-02	4.12E-02	6.22E-02	8.65E-02	9.92E-06	3.58E-03	1.61E-02	1.51E-02	0.00E+00
New Jersey	Atlantic County	34001	U	Cadmium Compounds	1.05E-05	1.21E-05	1.51E-05	2.05E-05	2.36E-05	2.60E-05	4.37E-05	4.89E-05	4.03E-06	1.96E-05	0.00E+00	2.58E-08	0.00E+00
New Jersey	Atlantic County	34001	U	Carbon Disulfide	4.74E-02	4.74E-02	4.75E-02	4.78E-02	4.86E-02	4.85E-02	5.18E-02	5.43E-02	3.55E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-02
New Jersey	Atlantic County	34001	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	0.00E+00	3.74E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Atlantic County	34001	U	Chloroform	9.02E-02	9.04E-02	9.38E-02	9.90E-02	1.03E-01	1.07E-01	1.18E-01	1.33E-01	0.00E+00	2.03E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Atlantic County	34001	U	Chromium Compounds (includes Hexavalent)	5.18E-05	6.44E-05	9.38E-05	1.20E-04	1.90E-04	1.45E-04	4.15E-04	8.09E-04	8.39E-05	8.55E-05	1.82E-05	2.38E-06	0.00E+00
New Jersey	Atlantic County	34001	U	Chromium VI	1.13E-05	1.42E-05	1.73E-05	2.22E-05	2.32E-05	2.82E-05	3.45E-05	3.66E-05	4.89E-06	1.02E-05	7.25E-06	8.11E-07	0.00E+00
New Jersey	Atlantic County	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 County	34001	U	1,4-Dichlorobenzene	9.27E-03	1.12E-02	1.49E-02	2.37E-02	2.82E-02	3.30E-02	4.83E-02	6.25E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic County	34001	U	1,3-Dichloropropene	1.76E-02	2.21E-02	2.89E-02	4.75E-02	5.66E-02	6.66E-02	9.82E-02	1.27E-01	0.00E+00	5.66E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic County	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	7.70E-03	0.00E+00	2.91E-07	0.00E+00	0.00E+00	7.70E-03
New Jersey	Atlantic County	34001	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.13E-02	6.13E-02	6.13E-02	2.43E-06	8.09E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Atlantic County	34001	U	Ethylene Oxide	1.62E-04	1.95E-04	3.98E-04	6.52E-04	9.68E-04	1.10E-03	1.66E-03	4.36E-03	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic County	34001	U	Formaldehyde	4.78E-01	4.98E-01	5.46E-01	6.12E-01	6.20E-01	6.71E-01	7.21E-01	7.68E-01	3.25E-03	1.28E-01	1.50E-01	8.83E-02	2.50E-01
New Jersey	Atlantic County	34001	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.38E-05	9.38E-05	9.40E-05	0.00E+00	4.58E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Atlantic County	34001	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.40E-07	0.00E+00	0.00E+00	1.80E-03
New Jersey	Atlantic County	34001	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34001	U	Hydrazine	2.13E-10	2.42E-10	3.70E-10	8.15E-10	3.11E-09	3.25E-09	7.45E-09	1.30E-08	0.00E+00	3.11E-09	0.00E+00	0.00E+00	0.00E+00
New Jersey	Atlantic County	34001	U	Lead Compounds	5.52E-04	6.41E-04	7.87E-04	1.05E-03	1.38E-03	1.36E-03	1.95E-03	3.33E-03	9.17E-05	2.60E-04	0.00E+00	1.03E-03	0.00E+00
New Jersey	Atlantic County	34001	U	M													

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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	Atlantic County	34001	U	7-PAH	6.00E-04	6.55E-04	7.36E-04	9.15E-04	9.79E-04	1.20E-03	1.44E-03	1.51E-03	2.32E-07	8.82E-04	3.87E-05	5.75E-05	0.00E+00	
New Jersey	Atlantic County	34001	U	Propylene Dichloride	1.22E-05	1.35E-05	1.48E-05	2.00E-05	3.33E-05	3.44E-05	4.72E-05	6.96E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Atlantic County	34001	U	Quinoline	4.00E-09	4.35E-09	5.24E-09	9.75E-09	2.41E-08	1.73E-08	9.29E-08	1.33E-07	0.00E+00	2.41E-08	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Atlantic County	34001	U	1,1,2,2-Tetrachloroethane	8.96E-05	9.74E-05	1.15E-04	1.33E-04	2.69E-04	2.28E-04	4.23E-04	6.20E-04	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Atlantic County	34001	U	Trichloroethylene	8.38E-02	8.48E-02	8.63E-02	8.95E-02	1.02E-01	9.77E-02	1.48E-01	1.98E-01	5.65E-05	5.14E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Atlantic County	34001	U	Vinyl Chloride	2.24E-04	2.62E-04	2.90E-04	3.45E-04	7.73E-04	5.85E-04	1.09E-03	1.78E-03	6.65E-05	7.07E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	Acetaldehyde	9.38E-01	1.01E+00	1.23E+00	1.57E+00	1.80E+00	2.31E+00	2.80E+00	3.33E+00	4.83E-02	1.44E-01	1.44E+00	1.69E-01	0.00E+00	
New Jersey	Bergen County	34003	U	Acrolein	1.63E-01	1.74E-01	2.34E-01	2.73E-01	2.84E-01	3.33E-01	4.03E-01	4.61E-01	2.71E-04	9.08E-02	1.48E-01	4.55E-02	0.00E+00	
New Jersey	Bergen County	34003	U	Acrylonitrile	1.23E-03	1.42E-03	1.76E-03	2.00E-03	2.19E-03	2.35E-03	2.73E-03	3.02E-03	2.29E-04	1.96E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	Arsenic Compounds	1.68E-04	1.85E-04	2.43E-04	3.42E-04	3.68E-04	4.50E-04	5.83E-04	6.78E-04	6.22E-05	1.25E-04	1.40E-04	4.09E-05	0.00E+00	
New Jersey	Bergen County	34003	U	Benzene	1.45E+00	1.54E+00	1.86E+00	2.32E+00	2.50E+00	3.07E+00	3.51E+00	4.02E+00	4.78E-03	2.15E-01	1.35E+00	4.20E-01	4.80E-01	
New Jersey	Bergen County	34003	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34003	U	Beryllium Compounds	2.22E-05	2.48E-05	3.22E-05	5.28E-05	5.49E-05	7.05E-05	8.53E-05	9.96E-05	3.86E-07	5.41E-05	0.00E+00	4.81E-07	0.00E+00	
New Jersey	Bergen County	34003	U	1,3-Butadiene	6.05E-02	7.00E-02	9.25E-02	1.48E-01	1.78E-01	2.47E-01	3.20E-01	3.71E-01	4.18E-05	2.26E-02	1.10E-01	4.51E-02	0.00E+00	
New Jersey	Bergen County	34003	U	Cadmium Compounds	3.60E-05	4.08E-05	5.29E-05	7.86E-05	8.15E-05	1.05E-04	1.21E-04	1.44E-04	5.70E-06	7.53E-05	0.00E+00	5.02E-07	0.00E+00	
New Jersey	Bergen County	34003	U	Carbon Disulfide	5.58E-02	5.68E-02	5.85E-02	6.33E-02	6.57E-02	6.95E-02	7.62E-02	8.47E-02	1.22E-03	1.75E-02	0.00E+00	0.00E+00	4.70E-02	
New Jersey	Bergen County	34003	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	8.83E-01	8.83E-01	7.90E-06	1.75E-03	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Bergen County	34003	U	Chloroform	1.44E-01	1.53E-01	1.78E-01	2.19E-01	2.26E-01	2.56E-01	2.93E-01	3.33E-01	4.31E-04	1.43E-01	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Bergen County	34003	U	Chromium Compounds (includes Hexavalent)	2.73E-04	2.96E-04	3.71E-04	5.04E-04	7.01E-04	7.40E-04	9.37E-04	1.08E-03	9.20E-05	4.75E-04	1.27E-04	7.09E-06	0.00E+00	
New Jersey	Bergen County	34003	U	Chromium VI	6.49E-05	7.77E-05	1.01E-04	1.50E-04	2.14E-04	2.25E-04	2.93E-04	3.48E-04	1.79E-05	1.43E-04	5.09E-05	2.41E-06	0.00E+00	
New Jersey	Bergen County	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 County	34003	U	1,4-Dichlorobenzene	5.12E-02	6.19E-02	7.69E-02	1.09E-01	1.16E-01	1.43E-01	1.73E-01	1.99E-01	1.17E-03	1.15E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	1,3-Dichloropropene	9.83E-02	1.17E-01	1.44E-01	2.09E-01	2.24E-01	2.81E-01	3.42E-01	3.90E-01	4.22E-10	2.24E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	Ethylene Dibromide	7.71E-03	7.71E-03	7.71E-03	7.72E-03	7.72E-03	7.72E-03	7.73E-03	7.73E-03	7.13E-06	9.15E-06	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Bergen County	34003	U	Ethylene Dichloride	6.13E-02	6.13E-02	6.14E-02	6.14E-02	6.14E-02	6.15E-02	6.15E-02	6.16E-02	1.37E-04	2.91E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Bergen County	34003	U	Ethylene Oxide	2.63E-03	3.07E-03	4.49E-03	8.08E-03	7.86E-03	8.16E-03	1.62E-02	2.11E-02	2.58E-07	7.86E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	Formaldehyde	1.11E+00	1.17E+00	1.43E+00	1.79E+00	1.97E+00	2.48E+00	2.84E+00	3.31E+00	4.36E-02	9.32E-02	1.20E+00	3.80E-01	2.50E-01	
New Jersey	Bergen County	34003	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	0.00E+00	1.80E-07	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Bergen County	34003	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.86E-03	1.87E-03	1.87E-03	1.89E-03	1.91E-03	1.92E-03	7.00E-05	8.09E-07	0.00E+00	0.00E+00	1.80E-03	
New Jersey	Bergen County	34003	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34003	U	Hydrazine	7.92E-07	1.00E-06	1.38E-06	3.36E-06	6.84E-06	1.14E-05	1.57E-05	1.82E-05	3.11E-06	3.72E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	Lead Compounds	3.68E-03	3.95E-03	4.80E-03	7.08E-03	9.75E-03	1.08E-02	1.54E-02	2.06E-02	1.07E-03	1.58E-03	0.00E+00	7.11E-03	0.00E+00	
New Jersey	Bergen County	34003	U	Manganese Compounds	6.97E-04	8.93E-04	1.31E-03	1.57E-03	2.15E-03	1.92E-03	3.05E-03	7.08E-03	8.92E-05	2.02E-03	4.06E-05	4.93E-06	0.00E+00	
New Jersey	Bergen County	34003	U	Mercury Compounds	1.69E-03	1.70E-03	1.74E-03	1.83E-03	1.84E-03	1.91E-03	2.02E-03	2.08E-03	2.38E-05	1.58E-04	1.31E-04	3.14E-05	1.50E-03	
New Jersey	Bergen County	34003	U	Methylene Chloride	4.32E-01	4.59E-01	5.24E-01	7.04E-01	7.50E-01	9.49E-01	1.04E+00	1.21E+00	4.73E-02	5.53E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Bergen County	34003	U	Nickel Compounds	1.30E-03	1.36E-03	1.68E-03	2.19E-03	2.34E-03	2.77E-03	3.49E-03	3.92E-03	1.18E-04	2.11E-03	9.40E-05	1.37E-05	0.00E+00	
New Jersey	Bergen County	34003	U	Perchloroethylene	2.65E-01	2.89E-01	3.38E-01	3.95E-01	4.13E-01	4.52E-01	5.64E-01	7.00E-01	1.10E-03	2.71E-01	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Bergen County	34003	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.83E-04	3.84E-04	3.87E-04	3.90E-04	3.93E-04	9.44E-10	4.45E-06	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Bergen County	34003	U	Polycyclic Organic Matter	8.89E-02	9.95E-02	1.33E-01	1.66E-01	1.73E-01	2.05E-01	2.44E-01	2.83E-01	4.35E-04	1.23E-01	3.81E-02	1.08E-02	0.00E+00	
New Jersey	Bergen County	34003	U	7-PAH	8.61E-04	8.71E-04	9.77E-04	1.09E-03	1.12E-03	1.22E-03	1.30E-03	1.49E-03	1.97E-06	7.83E-04	2.46E-04	9.24E-05	0.00E+00	
New Jersey	Bergen County	34003	U	Propylene Dichloride	6.31E-05	7.36E-05	8.49E-05	9.56E-05	1.14E-04	1.20E-04	1.44E-04	1.87E-04	2.05E-05	9.37E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	Quinoline	1.64E-06	1.75E-06	2.05E-06	2.86E-06	3.63E-06	4.54E-06	5.79E-06	8.62E-06	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	1,1,2,2-Tetrachloroethane	3.71E-04	3.93E-04	4.52E-04	4.82E-04	6.04E-04	5.55E-04	6.51E-04	8.65E-04	1.31E-04	4.73E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Bergen County	34003	U	Trichloroethylene	1.17E-01	1.23E-01	1.36E-01	1.64E-01	1.72E-01	2.03E-01	2.24E-01	2.48E-01	1.64E-02	7.41E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Bergen County	34003	U	Vinyl Chloride	3.46E-03	4.19E-03	5.64E-03	7.61E-03	8.65E-03	1.00E-02	1.52E-02	1.74E-02	3.41E-04	8.31E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Acetaldehyde	5.20E-01	6.53E-01	9.84E-01	1.38E+00	1.38E+00	1.61E+00	2.12E+00	2.54E+00	4.40E-03	4.44E-01	7.93E-01	1.39E-01	0.00E+00	
New Jersey	Burlington County	34005	U	Acrolein	1.33E-01	1.41E-01	1.58E-01	1.73E-01	1.74E-01	1.84E-01	2.07E-01	2.22E-01	1.17E-03	5.50E-02	8.46E-02	3.32E-02	0.00E+00	
New Jersey	Burlington County	34005	U	Acrylonitrile	7.84E-04	8.50E-04	1.06E-03	1.41E-03	2.01E-03	1.98E-03	3.82E-03	7.21E-03	1.02E-03	9.94E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Arsenic Compounds	7.90E-05	9.29E-05	1.38E-04	2.22E-04	2.14E-04	2.73E-04	3.25E-04	3.45E-04	7.85E-05	4.33E-05	7.38E-05	1.85E-05	0.00E+00	
New Jersey	Burlington County	34005	U	Benzene	1.00E+00	1.08E+00	1.23E+00	1.48E+00	1.52E+00	1.66E+00	2.05E+00	2.27E+00	3.52E-02	1.37E-01	6.71E-01	1.95E-01	4.80E-01	
New Jersey	Burlington County	34005	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34005	U	Beryllium Compounds	1.05E-05	1.32E-05	1.73E-05	2.33E-05	2.44E-05	2.98E-05	3.82E-05	4.37E-05	4.06E-06	2.02E-05	0.00E+00	1.22E-07	0.00E+00	
New Jersey	Burlington County	34005	U	1,3-Butadiene	3.45E-02	4.07E-02	4.75E-02	5.75E-02	7.12E-02	7.59E-02	1.25E-01	1.71E-01	2.29E-04	1.44E-02	4.08E-02	1.58E-02	0.00E+00	
New Jersey	Burlington County	34005	U	Cadmium Compounds	2.29E-05	3.54E-05	4.80E-05	8.25E-05	8.02E-05	1.04E-04	1.29E-04	1.40E-04	4.53E-05	3.41E-05	0.00E+00	7.82E-07	0.00E+00	
New Jersey	Burlington County	34005	U	Carbon Disulfide	4.86E-02	4.93E-02	5.09E-02	5.29E-02	5.30E-02	5.49E-02	5.66E-02	5.77E-02	1.51E-03	4.49E-03	0.00E+00	0.00E+00	4.70E-02	
New Jersey	Burlington County	34005	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	8.81E-01	8.81E-01	8.81E-01	0.00E+00	0.00E+00	8.80E-01
New Jersey	Burlington County	34005	U	Chloroform	1.07E-01	1.17E-01	1.26E-01	1.46E-01	1.44E-01	1.57E-01								

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 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	Burlington County	34005	U	Ethylene Oxide	4.45E-04	6.34E-04	9.99E-04	4.38E-03	3.84E-03	5.68E-03	7.10E-03	8.29E-03	1.88E-03	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Formaldehyde	9.93E-01	1.11E+00	1.28E+00	1.53E+00	1.55E+00	1.65E+00	2.08E+00	2.33E+00	1.76E-02	3.55E-01	6.41E-01	2.82E-01	2.50E-01	2.50E-01	
New Jersey	Burlington County	34005	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	0.00E+00	2.86E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Burlington County	34005	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.25E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
New Jersey	Burlington County	34005	U	Hexamethylene Diisocyanate	1.01E-07	1.17E-07	1.46E-07	2.51E-07	6.25E-06	5.12E-07	8.38E-07	1.36E-06	5.92E-06	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Hydrazine	7.47E-09	1.29E-08	2.56E-08	5.03E-08	1.66E-07	1.40E-07	2.87E-07	6.43E-07	5.47E-08	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Lead Compounds	1.46E-03	1.81E-03	2.48E-03	3.52E-03	3.64E-03	4.40E-03	5.79E-03	6.18E-03	4.11E-04	8.54E-04	0.00E+00	2.38E-03	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Manganese Compounds	1.12E-03	1.18E-03	1.42E-03	1.98E-03	2.67E-03	2.85E-03	4.26E-03	5.57E-03	8.09E-04	1.83E-03	2.00E-05	8.42E-06	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Mercury Compounds	1.62E-03	1.66E-03	1.70E-03	1.83E-03	1.83E-03	1.88E-03	1.98E-03	2.14E-03	1.64E-04	7.67E-05	7.17E-05	1.74E-05	1.50E-03	1.50E-03	
New Jersey	Burlington County	34005	U	Methylene Chloride	2.40E-01	2.76E-01	3.33E-01	4.40E-01	4.30E-01	5.10E-01	5.83E-01	6.22E-01	2.27E-02	2.57E-01	0.00E+00	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Burlington County	34005	U	Nickel Compounds	4.65E-04	5.70E-04	1.44E-03	2.70E-03	3.42E-03	4.08E-03	6.78E-03	7.45E-03	1.60E-03	1.62E-03	4.73E-05	1.64E-04	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Perchloroethylene	1.64E-01	1.76E-01	1.89E-01	2.13E-01	2.10E-01	2.26E-01	2.43E-01	2.52E-01	1.91E-03	6.79E-02	0.00E+00	0.00E+00	1.40E-01	1.40E-01	
New Jersey	Burlington County	34005	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.86E-04	3.87E-04	3.87E-04	3.88E-04	3.90E-04	3.92E-04	1.52E-08	7.31E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Burlington County	34005	U	Polycyclic Organic Matter	3.41E-02	4.11E-02	5.49E-02	7.71E-02	7.37E-02	9.00E-02	1.02E-01	1.18E-01	6.72E-03	4.01E-02	1.96E-02	7.24E-03	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	7-PAH	1.33E-03	1.42E-03	1.55E-03	1.91E-03	2.19E-03	2.67E-03	3.36E-03	4.04E-03	5.63E-06	1.99E-03	1.29E-04	6.55E-05	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Propylene Dichloride	4.18E-05	4.67E-05	5.74E-05	7.80E-05	1.15E-04	1.12E-04	2.23E-04	4.22E-04	6.16E-05	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Quinoline	1.66E-07	2.24E-07	2.80E-07	4.17E-07	5.50E-07	7.02E-07	9.55E-07	1.47E-06	0.00E+00	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	1,1,2,2-Tetrachloroethane	2.93E-04	3.30E-04	4.33E-04	6.12E-04	9.42E-04	8.65E-04	2.00E-03	3.73E-03	5.64E-04	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Burlington County	34005	U	Trichloroethylene	9.84E-02	1.03E-01	1.15E-01	1.43E-01	1.48E-01	1.74E-01	2.05E-01	2.35E-01	3.09E-02	3.65E-02	0.00E+00	0.00E+00	8.10E-02	8.10E-02	
New Jersey	Burlington County	34005	U	Vinyl Chloride	1.64E-03	2.14E-03	3.45E-03	5.48E-03	7.12E-03	1.04E-02	1.16E-02	1.55E-02	4.60E-03	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Acetaldehyde	5.58E-01	6.69E-01	9.67E-01	1.44E+00	1.64E+00	2.02E+00	3.07E+00	3.59E+00	1.19E-02	3.36E-01	1.06E+00	2.27E-01	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Acrolein	9.42E-02	1.05E-01	1.25E-01	1.70E-01	1.71E-01	2.07E-01	2.43E-01	2.69E-01	2.15E-03	3.13E-02	1.07E-01	3.08E-02	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Acrylonitrile	5.63E-04	5.96E-04	6.79E-04	8.27E-04	1.14E-03	1.04E-03	1.42E-03	1.94E-03	1.44E-04	9.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Arsenic Compounds	1.31E-04	1.56E-04	2.00E-04	3.52E-04	3.76E-04	4.92E-04	6.64E-04	7.96E-04	1.76E-04	5.70E-05	1.14E-04	2.95E-05	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Benzene	9.97E-01	1.09E+00	1.25E+00	1.78E+00	1.95E+00	2.22E+00	3.03E+00	3.92E+00	8.50E-02	8.40E-02	1.06E+00	2.35E-01	4.80E-01	4.80E-01	
New Jersey	Camden County	34007	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34007	U	Beryllium Compounds	1.58E-05	1.80E-05	2.41E-05	3.73E-05	4.01E-05	5.33E-05	6.72E-05	7.17E-05	1.01E-05	2.97E-05	0.00E+00	3.41E-07	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	1,3-Butadiene	2.61E-02	3.16E-02	4.11E-02	7.43E-02	1.13E-01	1.23E-01	2.41E-01	3.80E-01	1.00E-03	2.80E-03	9.07E-02	1.85E-02	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Cadmium Compounds	4.91E-05	6.06E-05	8.26E-05	1.29E-04	1.32E-04	1.80E-04	2.10E-04	2.23E-04	7.83E-05	5.07E-05	0.00E+00	0.00E+00	3.16E-06	0.00E+00	
New Jersey	Camden County	34007	U	Carbon Disulfide	5.01E-02	5.12E-02	5.26E-02	5.45E-02	5.57E-02	5.72E-02	6.05E-02	6.24E-02	3.80E-03	4.86E-03	0.00E+00	0.00E+00	4.70E-02	4.70E-02	
New Jersey	Camden County	34007	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	2.64E-07	8.44E-04	0.00E+00	0.00E+00	8.80E-01	8.80E-01	
New Jersey	Camden County	34007	U	Chloroform	1.10E-01	1.16E-01	1.27E-01	1.37E-01	1.40E-01	1.51E-01	1.67E-01	1.78E-01	1.12E-03	5.57E-02	0.00E+00	0.00E+00	8.30E-02	8.30E-02	
New Jersey	Camden County	34007	U	Chromium Compounds (includes Hexavalent)	1.53E-03	1.88E-03	2.86E-03	5.28E-03	4.80E-02	1.08E-02	2.67E-02	4.99E-02	4.73E-02	5.32E-04	1.03E-04	1.32E-05	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Chromium VI	6.16E-05	9.22E-05	1.71E-04	2.42E-04	2.36E-04	2.91E-04	3.37E-04	3.71E-04	7.05E-05	1.20E-04	4.10E-05	4.50E-06	0.00E+00	0.00E+00	
New Jersey	Camden County	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	0.00E+00	
New Jersey	Camden County	34007	U	1,4-Dichlorobenzene	3.28E-02	4.01E-02	5.02E-02	6.16E-02	6.55E-02	7.61E-02	9.72E-02	1.13E-01	1.33E-05	6.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	1,3-Dichloropropene	6.21E-02	7.65E-02	9.64E-02	1.19E-01	1.27E-01	1.49E-01	1.90E-01	2.23E-01	1.67E-06	1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Camden County	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	8.06E-08	8.35E-07	0.00E+00	0.00E+00	7.70E-03	7.70E-03	
New Jersey	Camden County	34007	U	Ethylene Dichloride	6.17E-02	6.21E-02	6.27E-02	6.41E-02	6.54E-02	6.82E-02	6.93E-02	7.01E-02	1.44E-03	2.93E-03	0.00E+00	0.00E+00	6.10E-02	6.10E-02	
New Jersey	Camden County	34007	U	Ethylene Oxide	1.22E-03	4.34E-03	6.70E-03	8.32E-03	8.13E-03	9.88E-03	1.15E-02	1.30E-02	5.24E-03	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Formaldehyde	9.04E-01	9.90E-01	1.13E+00	1.60E+00	1.78E+00	2.03E+00	3.09E+00	3.72E+00	4.10E-02	1.82E-01	9.13E-01	3.92E-01	2.50E-01	2.50E-01	
New Jersey	Camden County	34007	U	Hexachlorobenzene	9.33E-05	9.34E-05	9.35E-05	9.36E-05	9.36E-05	9.37E-05	9.37E-05	9.38E-05	0.00E+00	5.61E-07	0.00E+00	0.00E+00	9.30E-05	9.30E-05	
New Jersey	Camden County	34007	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.80E-03	1.80E-03	
New Jersey	Camden County	34007	U	Hexamethylene Diisocyanate	1.04E-07	1.47E-04	1.67E-04	1.86E-04	1.73E-04	2.02E-04	2.19E-04	2.27E-04	1.73E-04	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Hydrazine	1.53E-08	1.92E-08	2.61E-08	4.02E-08	7.37E-08	6.96E-08	1.35E-07	2.36E-07	0.00E+00	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Lead Compounds	1.45E-03	1.80E-03	2.12E-03	3.06E-03	2.98E-03	3.85E-03	4.19E-03	4.39E-03	4.49E-04	1.24E-03	0.00E+00	1.30E-03	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Manganese Compounds	1.36E-03	1.49E-03	1.83E-03	2.65E-03	9.54E-03	3.44E-03	6.23E-03	9.64E-03	8.04E-03	1.44E-03	3.29E-05	2.83E-05	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Mercury Compounds	1.66E-03	1.68E-03	1.75E-03	1.90E-03	1.91E-03	2.00E-03	2.16E-03	2.33E-03	1.31E-04	1.40E-04	1.07E-04	3.37E-05	1.50E-03	1.50E-03	
New Jersey	Camden County	34007	U	Methylene Chloride	2.65E-01	3.01E-01	3.90E-01	4.85E-01	5.19E-01	6.53E-01	7.74E-01	8.32E-01	2.05E-02	3.48E-01	0.00E+00	0.00E+00	1.50E-01	1.50E-01	
New Jersey	Camden County	34007	U	Nickel Compounds	1.42E-03	2.02E-03	2.69E-03	4.58E-03	5.50E-03	7.51E-03	1.06E-02	1.26E-02	3.72E-03	1.04E-03	7.59E-05	6.64E-04	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U	Perchloroethylene	1.83E-01	1.97E-01	2.18E-01	2.41E-01	2.47E-01	2.69E-01	3.03E-01	3.24E-01	4.23E-04	1.07E-01	0.00E+00	0.00E+00	1.40E-01	1.40E-01	
New Jersey	Camden County	34007	U	Polychlorinated Biphenyls	3.87E-04	3.88E-04	3.89E-04	3.91E-04	3.92E-04	3.94E-04	3.98E-04	4.01E-04	4.13E-08	1.19E-05	0.00E+00	0.00E+00	3.80E-04	3.80E-04	
New Jersey	Camden County	34007	U	Polycyclic Organic Matter	4.01E-02	4.99E-02	6.59E-02	1.00E-01	1.00E-01	1.27E-01	1.60E-01	1.92E-01	1.23E-02	4.93E-02	3.10E-02	7.87E-03	0.00E+00	0.00E+00	
New Jersey	Camden County	34007	U																

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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	Cape May County	34009	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34009	U	Beryllium Compounds	5.93E-06	6.82E-06	9.54E-06	1.15E-05	1.29E-05	1.43E-05	1.92E-05	2.80E-05	3.43E-07	1.25E-05	0.00E+00	1.76E-09	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	1,3-Butadiene	1.30E-02	1.32E-02	1.66E-02	2.31E-02	2.78E-02	3.35E-02	5.50E-02	5.97E-02	5.98E-02	5.42E-04	1.21E-02	1.51E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Cadmium Compounds	7.14E-06	7.62E-06	1.07E-05	1.31E-05	1.53E-05	1.75E-05	2.69E-05	3.01E-05	1.68E-06	1.36E-05	0.00E+00	2.16E-08	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Carbon Disulfide	4.72E-02	4.73E-02	4.74E-02	4.75E-02	4.77E-02	4.79E-02	4.81E-02	4.91E-02	4.35E-06	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-02
New Jersey	Cape May County	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	8.81E-01	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-01
New Jersey	Cape May County	34009	U	Chloroform	8.54E-02	8.54E-02	8.61E-02	8.76E-02	8.85E-02	8.97E-02	9.54E-02	9.63E-02	0.00E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
New Jersey	Cape May County	34009	U	Chromium Compounds (includes Hexavalent)	2.30E-05	2.34E-05	3.27E-05	3.78E-05	6.00E-05	8.32E-05	1.12E-04	1.56E-04	1.52E-05	2.91E-05	1.30E-05	2.64E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Chromium VI	6.40E-06	7.40E-06	8.77E-06	1.09E-05	1.26E-05	1.51E-05	2.21E-05	2.52E-05	2.06E-06	4.42E-06	5.22E-06	8.97E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	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	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	1,4-Dichlorobenzene	5.73E-03	6.16E-03	7.84E-03	1.22E-02	1.44E-02	1.85E-02	3.06E-02	3.21E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	1,3-Dichloropropene	1.12E-02	1.19E-02	1.56E-02	2.45E-02	2.90E-02	3.76E-02	6.19E-02	6.52E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	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	0.00E+00	9.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
New Jersey	Cape May County	34009	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.34E-06	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02
New Jersey	Cape May County	34009	U	Ethylene Oxide	1.19E-04	1.64E-04	2.14E-04	2.96E-04	4.18E-04	4.77E-04	7.70E-04	7.85E-04	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Formaldehyde	3.77E-01	3.77E-01	4.03E-01	4.24E-01	4.57E-01	4.91E-01	5.67E-01	6.16E-01	5.76E-05	3.95E-02	1.01E-01	6.62E-02	2.50E-01	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	9.35E-05	9.36E-05	9.38E-05	0.00E+00	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
New Jersey	Cape May County	34009	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
New Jersey	Cape May County	34009	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-06	1.84E-06	0.00E+00	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Hydrazine	7.05E-11	9.51E-11	1.58E-10	6.96E-10	9.03E-10	1.65E-09	2.20E-09	2.23E-09	0.00E+00	9.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Lead Compounds	3.20E-04	3.26E-04	4.24E-04	5.34E-04	9.54E-04	8.70E-04	2.39E-03	3.69E-03	4.76E-05	1.46E-04	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Manganese Compounds	1.19E-04	1.23E-04	2.20E-04	3.49E-04	3.77E-04	5.27E-04	6.49E-04	8.07E-04	9.50E-05	2.76E-04	4.19E-06	1.45E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.58E-03	1.59E-03	4.66E-06	2.11E-05	2.02E-05	5.43E-06	1.50E-03	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Methylene Chloride	1.71E-01	1.74E-01	1.77E-01	1.91E-01	2.10E-01	2.19E-01	2.88E-01	3.38E-01	9.44E-06	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-01
New Jersey	Cape May County	34009	U	Nickel Compounds	1.08E-04	1.13E-04	1.33E-04	1.64E-04	3.90E-04	3.04E-04	1.17E-03	1.96E-03	3.39E-04	3.52E-05	9.81E-06	6.12E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Perchloroethylene	1.47E-01	1.47E-01	1.50E-01	1.54E-01	1.58E-01	1.63E-01	1.75E-01	1.78E-01	1.40E-06	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
New Jersey	Cape May County	34009	U	Polychlorinated Biphenyls	4.01E-04	4.02E-04	4.11E-04	4.19E-04	4.26E-04	4.36E-04	4.54E-04	4.77E-04	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
New Jersey	Cape May County	34009	U	Polycyclic Organic Matter	8.50E-03	8.76E-03	1.25E-02	1.53E-02	1.66E-02	1.96E-02	2.82E-02	3.13E-02	9.79E-07	1.07E-02	4.13E-03	1.75E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	7-PAH	2.47E-04	2.49E-04	2.98E-04	4.34E-04	4.43E-04	5.72E-04	6.60E-04	7.35E-04	1.27E-08	3.94E-04	2.98E-05	7.46E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Propylene Dichloride	2.38E-06	2.47E-06	2.99E-06	5.44E-06	9.10E-06	1.29E-05	1.71E-05	1.85E-05	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Quinoline	2.18E-09	2.84E-09	3.80E-09	2.72E-08	3.14E-08	5.70E-08	7.45E-08	7.82E-08	0.00E+00	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	1,1,2,2-Tetrachloroethane	8.09E-06	9.47E-06	1.06E-05	2.73E-05	6.62E-05	1.08E-04	1.43E-04	1.57E-04	0.00E+00	6.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cape May County	34009	U	Trichloroethylene	8.23E-02	8.25E-02	8.30E-02	8.40E-02	8.58E-02	8.70E-02	9.03E-02	9.60E-02	0.00E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02
New Jersey	Cape May County	34009	U	Vinyl Chloride	2.24E-05	2.53E-05	2.92E-05	6.84E-05	1.65E-04	2.67E-04	3.52E-04	3.87E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Acetaldehyde	7.38E-02	9.27E-02	1.41E-01	2.42E-01	2.45E-01	3.40E-01	3.79E-01	3.94E-01	1.90E-04	1.16E-02	1.78E-01	5.52E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Acrolein	2.71E-02	2.91E-02	3.17E-02	4.52E-02	4.51E-02	5.66E-02	5.85E-02	6.20E-02	1.73E-03	9.57E-03	2.10E-02	1.28E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Acrylonitrile	8.56E-05	2.06E-04	3.06E-04	4.76E-04	5.78E-04	9.03E-04	9.83E-04	1.08E-03	2.88E-04	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Arsenic Compounds	5.20E-05	9.14E-05	1.28E-04	1.63E-04	2.68E-04	2.01E-04	2.25E-04	1.67E-03	7.50E-05	1.51E-04	3.38E-05	1.05E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Benzene	7.36E-01	7.47E-01	7.78E-01	9.46E-01	9.60E-01	1.13E+00	1.23E+00	1.30E+00	1.03E-02	5.10E-02	2.50E-01	1.68E-01	4.80E-01	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34011	U	Beryllium Compounds	3.55E-06	5.91E-06	9.90E-06	1.45E-05	2.24E-05	2.27E-05	3.03E-05	1.02E-04	1.18E-06	2.12E-05	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	1,3-Butadiene	8.82E-03	1.05E-02	1.18E-02	2.77E-02	3.62E-02	5.67E-02	7.65E-02	8.79E-02	1.92E-04	1.32E-03	2.60E-02	8.61E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Cadmium Compounds	8.09E-06	9.15E-06	1.48E-05	4.34E-05	4.07E-05	5.47E-05	6.67E-05	1.04E-04	1.63E-05	2.42E-05	0.00E+00	1.41E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Carbon Disulfide	4.72E-02	4.73E-02	4.82E-02	4.99E-02	4.96E-02	5.10E-02	5.13E-02	5.30E-02	8.72E-04	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-02
New Jersey	Cumberland County	34011	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-01
New Jersey	Cumberland County	34011	U	Chloroform	8.48E-02	8.53E-02	8.66E-02	9.36E-02	9.42E-02	1.01E-01	1.05E-01	1.05E-01	2.71E-04	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
New Jersey	Cumberland County	34011	U	Chromium Compounds (includes Hexavalent)	5.99E-05	1.52E-04	2.48E-04	3.39E-04	6.05E-04	4.30E-04	1.03E-03	1.76E-03	6.25E-05	5.16E-04	2.41E-05	2.34E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	Chromium VI	8.34E-06	1.28E-05	2.35E-05	6.24E-05	7.03E-05	1.12E-04	1.21E-04	1.42E-04	6.98E-06	5.30E-05	9.61E-06	7.96E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	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	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	1,4-Dichlorobenzene	4.09E-03	5.05E-03	1.03E-02	2.08E-02	2.44E-02	3.66E-02	4.91E-02	5.95E-02	5.71E-04	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Cumberland County	34011	U	1,3-Dichloropropene	7.80E-03	9.72E-03													

DRAFT FOR REVIEW ONLY
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	Cumberland County	34011	U	Perchloroethylene	1.46E-01	1.49E-01	1.59E-01	1.82E-01	1.79E-01	1.97E-01	2.08E-01	2.20E-01	5.20E-06	3.85E-02	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Cumberland County	34011	U	Polychlorinated Biphenyls	3.91E-04	3.97E-04	4.01E-04	4.34E-04	4.36E-04	4.61E-04	4.77E-04	5.09E-04	4.62E-09	5.58E-05	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Cumberland County	34011	U	Polycyclic Organic Matter	7.40E-03	8.53E-03	1.56E-02	2.84E-02	2.87E-02	4.38E-02	4.98E-02	5.94E-02	1.50E-03	1.81E-02	7.47E-03	1.64E-03	0.00E+00	
New Jersey	Cumberland County	34011	U	7-PAH	2.35E-04	2.80E-04	3.42E-04	5.76E-04	5.52E-04	7.09E-04	8.19E-04	9.92E-04	1.62E-06	4.48E-04	5.11E-05	5.15E-05	0.00E+00	
New Jersey	Cumberland County	34011	U	Propylene Dichloride	4.84E-06	5.27E-06	1.16E-05	1.55E-05	1.54E-05	1.98E-05	2.18E-05	3.07E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Cumberland County	34011	U	Quinoline	2.42E-08	4.56E-08	1.25E-07	1.92E-07	1.76E-07	2.32E-07	2.93E-07	3.41E-07	0.00E+00	1.76E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Cumberland County	34011	U	1,1,2,2-Tetrachloroethane	3.88E-05	4.24E-05	7.53E-05	9.00E-05	9.75E-05	1.17E-04	1.49E-04	1.69E-04	0.00E+00	9.75E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Cumberland County	34011	U	Trichloroethylene	8.23E-02	8.23E-02	8.35E-02	9.09E-02	9.19E-02	9.69E-02	1.01E-01	1.11E-01	4.93E-05	1.08E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Cumberland County	34011	U	Vinyl Chloride	9.89E-05	1.08E-04	2.27E-04	7.01E-03	9.96E-03	2.09E-02	2.18E-02	2.41E-02	8.18E-03	1.78E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	Acetaldehyde	1.07E+00	1.14E+00	1.32E+00	1.62E+00	1.81E+00	2.02E+00	2.58E+00	3.74E+00	8.13E-02	2.05E-01	1.33E+00	1.86E-01	0.00E+00	
New Jersey	Essex County	34013	U	Acrolein	1.86E-01	2.02E-01	2.32E-01	2.78E-01	2.84E-01	3.08E-01	3.54E-01	4.75E-01	4.37E-04	7.61E-02	1.53E-01	5.46E-02	0.00E+00	
New Jersey	Essex County	34013	U	Acrylonitrile	9.53E-04	1.09E-03	1.27E-03	1.56E-03	1.96E-03	1.90E-03	2.17E-03	3.00E-03	3.35E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	Arsenic Compounds	1.90E-04	2.09E-04	2.78E-04	3.45E-04	3.69E-04	4.17E-04	5.47E-04	6.78E-04	5.54E-05	1.19E-04	1.56E-04	3.90E-05	0.00E+00	
New Jersey	Essex County	34013	U	Benzene	1.62E+00	1.70E+00	1.90E+00	2.19E+00	2.43E+00	2.58E+00	3.42E+00	4.71E+00	8.50E-03	1.85E-01	1.46E+00	2.96E-01	4.80E-01	
New Jersey	Essex County	34013	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34013	U	Beryllium Compounds	2.44E-05	3.01E-05	4.82E-05	5.88E-05	5.80E-05	6.87E-05	8.20E-05	8.89E-05	4.78E-07	5.72E-05	0.00E+00	3.51E-07	0.00E+00	
New Jersey	Essex County	34013	U	1,3-Butadiene	6.81E-02	7.46E-02	9.44E-02	1.23E-01	1.66E-01	1.90E-01	3.06E-01	4.65E-01	1.33E-04	1.20E-02	1.25E-01	2.96E-02	0.00E+00	
New Jersey	Essex County	34013	U	Cadmium Compounds	5.29E-05	5.87E-05	7.90E-05	9.29E-05	9.56E-05	1.07E-04	1.26E-04	1.39E-04	1.57E-05	7.96E-05	0.00E+00	3.67E-07	0.00E+00	
New Jersey	Essex County	34013	U	Carbon Disulfide	5.86E-02	5.96E-02	6.06E-02	6.27E-02	6.93E-02	6.56E-02	7.55E-02	1.01E-01	2.86E-03	1.94E-02	0.00E+00	0.00E+00	4.70E-02	
New Jersey	Essex County	34013	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.81E-01	8.82E-01	8.83E-01	1.33E-05	2.26E-03	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Essex County	34013	U	Chloroform	1.42E-01	1.53E-01	1.86E-01	2.07E-01	2.12E-01	2.34E-01	2.63E-01	2.80E-01	1.06E-03	1.28E-01	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Essex County	34013	U	Chromium Compounds (includes Hexavalent)	4.60E-04	4.80E-04	5.15E-04	5.64E-04	6.11E-04	6.29E-04	7.41E-04	8.99E-04	1.24E-04	3.41E-04	1.41E-04	4.71E-06	0.00E+00	
New Jersey	Essex County	34013	U	Chromium VI	9.55E-05	1.08E-04	1.28E-04	1.53E-04	1.69E-04	1.76E-04	2.22E-04	3.04E-04	2.80E-05	8.25E-05	5.64E-05	1.60E-06	0.00E+00	
New Jersey	Essex County	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 County	34013	U	1,4-Dichlorobenzene	6.08E-02	7.07E-02	1.05E-01	1.29E-01	1.30E-01	1.59E-01	1.82E-01	2.10E-01	1.92E-03	1.28E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	1,3-Dichloropropene	1.13E-01	1.33E-01	2.02E-01	2.48E-01	2.51E-01	3.10E-01	3.58E-01	4.10E-01	1.46E-09	2.51E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	Ethylene Dibromide	7.71E-03	7.71E-03	7.71E-03	7.72E-03	7.72E-03	7.72E-03	7.72E-03	7.73E-03	1.16E-05	7.18E-06	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Essex County	34013	U	Ethylene Dichloride	6.15E-02	6.15E-02	6.15E-02	6.16E-02	6.16E-02	6.17E-02	6.18E-02	6.19E-02	4.09E-04	2.14E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Essex County	34013	U	Ethylene Oxide	3.59E-03	4.41E-03	5.86E-03	7.03E-03	7.69E-03	8.31E-03	1.04E-02	1.45E-02	7.34E-08	7.69E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	Formaldehyde	1.23E+00	1.32E+00	1.51E+00	1.81E+00	2.01E+00	2.19E+00	2.79E+00	4.01E+00	5.92E-02	1.12E-01	1.18E+00	4.05E-01	2.50E-01	
New Jersey	Essex County	34013	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.55E-07	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Essex County	34013	U	Hexachlorobutadiene	1.86E-03	1.87E-03	1.89E-03	1.91E-03	1.92E-03	1.97E-03	1.98E-03	1.14E-04	1.16E-06	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
New Jersey	Essex County	34013	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34013	U	Hydrazine	9.28E-06	1.13E-05	1.60E-05	2.30E-05	6.09E-05	3.13E-05	4.12E-05	8.14E-05	1.52E-05	4.56E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	Lead Compounds	8.87E-03	9.77E-03	1.06E-02	1.14E-02	1.19E-02	1.22E-02	1.38E-02	1.58E-02	1.65E-03	1.47E-03	0.00E+00	5.32E-03	0.00E+00	
New Jersey	Essex County	34013	U	Manganese Compounds	1.15E-03	1.24E-03	1.57E-03	1.71E-03	2.21E-03	1.86E-03	2.19E-03	2.81E-03	8.28E-05	2.08E-03	4.52E-05	4.14E-06	0.00E+00	
New Jersey	Essex County	34013	U	Mercury Compounds	1.74E-03	1.75E-03	1.80E-03	1.85E-03	1.88E-03	1.92E-03	2.01E-03	2.15E-03	3.22E-05	1.69E-04	1.47E-04	3.12E-05	1.50E-03	
New Jersey	Essex County	34013	U	Methylene Chloride	6.00E-01	6.25E-01	7.14E-01	7.91E-01	8.71E-01	9.11E-01	1.11E+00	1.38E+00	6.02E-02	6.61E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Essex County	34013	U	Nickel Compounds	1.66E-03	1.75E-03	1.91E-03	2.12E-03	2.25E-03	2.35E-03	2.79E-03	3.57E-03	1.34E-04	2.00E-03	1.04E-04	1.06E-05	0.00E+00	
New Jersey	Essex County	34013	U	Perchloroethylene	3.20E-01	3.45E-01	3.97E-01	4.44E-01	4.52E-01	4.96E-01	5.63E-01	6.08E-01	1.18E-03	3.10E-01	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Essex County	34013	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.82E-04	3.83E-04	3.85E-04	3.87E-04	1.84E-09	2.46E-06	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Essex County	34013	U	Polycyclic Organic Matter	9.35E-02	1.03E-01	1.35E-01	1.69E-01	1.73E-01	2.00E-01	2.33E-01	2.84E-01	7.82E-04	1.19E-01	4.24E-02	1.14E-02	0.00E+00	
New Jersey	Essex County	34013	U	7-PAH	5.40E-04	5.52E-04	5.86E-04	6.38E-04	6.86E-04	7.21E-04	8.96E-04	1.13E-03	3.11E-06	3.42E-04	2.74E-04	6.73E-05	0.00E+00	
New Jersey	Essex County	34013	U	Propylene Dichloride	6.06E-05	6.31E-05	6.84E-05	8.49E-05	5.31E-04	1.03E-04	1.41E-04	5.16E-04	4.62E-04	6.95E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	Quinoline	1.90E-06	2.12E-06	2.37E-06	2.77E-06	3.55E-06	3.31E-06	4.79E-06	1.03E-05	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	1,1,2,2-Tetrachloroethane	2.71E-04	2.97E-04	3.27E-04	4.10E-04	4.40E-04	5.42E-04	6.07E-04	6.86E-04	1.93E-04	2.47E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Essex County	34013	U	Trichloroethylene	1.37E-01	1.44E-01	1.56E-01	1.68E-01	1.83E-01	1.89E-01	2.24E-01	2.59E-01	3.47E-02	6.71E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Essex County	34013	U	Vinyl Chloride	3.78E-03	4.47E-03	5.67E-03	7.19E-03	7.48E-03	9.02E-03	1.09E-02	1.26E-02	5.03E-04	6.98E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	Acetaldehyde	3.47E-01	4.35E-01	7.68E-01	9.51E-01	1.14E+00	1.40E+00	2.07E+00	2.32E+00	1.17E-02	2.43E-01	6.94E-01	1.87E-01	0.00E+00	
New Jersey	Gloucester County	34015	U	Acrolein	5.96E-02	6.78E-02	8.85E-02	1.07E-01	1.15E-01	1.37E-01	1.70E-01	1.93E-01	2.17E-03	1.90E-02	7.27E-02	2.13E-02	0.00E+00	
New Jersey	Gloucester County	34015	U	Acrylonitrile	3.83E-04	4.47E-04	5.72E-04	6.72E-04	8.33E-04	8.40E-04	1.01E-03	1.26E-03	3.77E-05	7.95E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	Arsenic Compounds	1.49E-04	1.59E-04	1.90E-04	2.36E-04	3.05E-04	3.77E-04	5.38E-04	7.25E-04	1.76E-04	3.92E-05	6.74E-05	2.22E-05	0.00E+00	
New Jersey	Gloucester County	34015	U	Benzene	8.97E-01	9.27E-01	1.06E+00	1.19E+00	1.44E+00	1.68E+00	2.14E+00	2.48E+00	1.06E-01	6.74E-02	6.09E-01	1.79E-01	4.80E-01	
New Jersey	Gloucester County	34015	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34015	U	Beryllium Compounds	1.56E-05	1.73E-05	1.93E-05	2.51E-05	2.87E-05	3.44E-05	4.71E-05	5.44E-05	1.07E-05	1.78E-05	0.00E+00	2.38E-07	0.00E+00	
New Jersey	Gloucester County	34015	U	1,3-Butadiene	1.59E-02	1.83E-02	2.40E-02	3.15E-02	5.60E-02	7.47E-02	1.07E-01	1.36E-01	1.55E-03	1.15E-03	4.11E-02	1.23E-02	0.00E+00	
New Jersey	Gloucester County	34015	U	Cadmium Compounds	5.30E-05	5.86E-05	7.39E-											

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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 County	34015	U	1,3-Dichloropropene	3.70E-02	4.35E-02	6.10E-02	7.70E-02	7.78E-02	9.23E-02	1.07E-01	1.15E-01	1.83E-06	7.78E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	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	2.11E-08	9.06E-07	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Gloucester County	34015	U	Ethylene Dichloride	6.17E-02	6.18E-02	6.21E-02	6.63E-02	6.54E-02	6.75E-02	6.87E-02	6.87E-02	6.98E-02	2.87E-03	1.53E-03	0.00E+00	0.00E+00	6.10E-02
New Jersey	Gloucester County	34015	U	Ethylene Oxide	2.50E-03	3.05E-03	8.11E-03	9.74E-03	9.62E-03	1.21E-02	1.51E-02	1.69E-02	7.21E-03	2.41E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	Formaldehyde	6.94E-01	7.55E-01	9.61E-01	1.06E+00	1.31E+00	1.52E+00	2.09E+00	2.55E+00	6.48E-02	1.29E-01	5.80E-01	2.87E-01	2.50E-01	
New Jersey	Gloucester County	34015	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.34E-05	9.36E-05	9.40E-05	9.40E-05	9.46E-05	9.63E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Gloucester County	34015	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.80E-03
New Jersey	Gloucester County	34015	U	Hexamethylene Diisocyanate	1.42E-04	1.75E-04	2.46E-04	2.73E-04	3.01E-04	3.16E-04	4.31E-04	7.62E-04	3.01E-04	1.12E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	Hydrazine	1.71E-08	2.01E-08	2.70E-08	4.71E-08	1.32E-07	1.30E-07	3.01E-07	5.87E-07	1.06E-08	1.22E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	Lead Compounds	1.44E-03	1.68E-03	1.99E-03	2.19E-03	3.09E-03	3.18E-03	4.92E-03	6.63E-03	4.73E-04	1.63E-03	0.00E+00	9.90E-04	0.00E+00	
New Jersey	Gloucester County	34015	U	Manganese Compounds	1.34E-03	1.43E-03	1.49E-03	1.79E-03	2.62E-03	1.97E-03	2.54E-03	2.81E-03	5.63E-04	2.02E-03	1.83E-05	2.03E-05	0.00E+00	
New Jersey	Gloucester County	34015	U	Mercury Compounds	1.62E-03	1.65E-03	1.84E-03	1.93E-03	1.92E-03	2.02E-03	2.15E-03	2.24E-03	1.15E-04	2.17E-04	6.55E-05	2.51E-05	1.50E-03	
New Jersey	Gloucester County	34015	U	Methylene Chloride	2.32E-01	2.51E-01	3.02E-01	3.36E-01	3.62E-01	4.19E-01	4.85E-01	5.12E-01	1.24E-02	1.99E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Gloucester County	34015	U	Nickel Compounds	1.60E-03	1.90E-03	2.79E-03	3.76E-03	4.82E-03	6.24E-03	8.92E-03	1.09E-02	3.60E-03	6.98E-04	4.32E-05	4.76E-04	0.00E+00	
New Jersey	Gloucester County	34015	U	Perchloroethylene	1.72E-01	1.76E-01	1.89E-01	2.12E-01	2.10E-01	2.23E-01	2.40E-01	2.56E-01	1.87E-04	7.02E-02	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Gloucester County	34015	U	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.92E-04	3.94E-04	3.95E-04	3.95E-04	3.99E-04	4.03E-04	5.04E-08	1.45E-05	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Gloucester County	34015	U	Polycyclic Organic Matter	2.88E-02	3.53E-02	4.73E-02	6.12E-02	7.70E-02	9.75E-02	1.29E-01	1.83E-01	1.46E-02	3.92E-02	1.79E-02	5.22E-03	0.00E+00	
New Jersey	Gloucester County	34015	U	7-PAH	5.69E-04	6.18E-04	6.85E-04	8.33E-04	8.42E-04	8.84E-04	1.16E-03	1.34E-03	1.58E-05	6.12E-04	1.18E-04	9.72E-05	0.00E+00	
New Jersey	Gloucester County	34015	U	Propylene Dichloride	2.15E-05	2.44E-05	3.10E-05	3.66E-05	4.68E-05	4.36E-05	5.10E-05	7.52E-05	2.28E-06	4.46E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	Quinoline	2.55E-07	3.33E-07	4.28E-07	5.57E-07	7.48E-07	7.62E-07	1.18E-06	1.96E-06	0.00E+00	7.67E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	1,1,2,2-Tetrachloroethane	1.48E-04	1.56E-04	1.83E-04	2.15E-04	2.99E-04	2.50E-04	2.67E-04	5.87E-04	2.09E-05	2.78E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Gloucester County	34015	U	Trichloroethylene	8.93E-02	9.14E-02	9.94E-02	1.05E-01	1.20E-01	1.43E-01	1.62E-01	1.65E-01	1.75E-02	2.17E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Gloucester County	34015	U	Vinyl Chloride	8.80E-03	1.02E-02	1.75E-02	3.27E-02	3.29E-02	3.66E-02	4.92E-02	8.59E-02	2.30E-02	9.15E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson County	34017	U	Acetaldehyde	1.75E+00	1.92E+00	2.30E+00	2.64E+00	2.72E+00	3.09E+00	3.59E+00	3.88E+00	1.95E-01	2.05E-01	2.01E+00	3.11E-01	0.00E+00	
New Jersey	Hudson County	34017	U	Acrolein	3.83E-01	3.96E-01	4.63E-01	4.91E-01	4.81E-01	5.14E-01	5.29E-01	5.44E-01	8.36E-04	1.48E-01	2.44E-01	8.81E-02	0.00E+00	
New Jersey	Hudson County	34017	U	Arsenonitrile	2.47E-03	2.64E-03	2.84E-03	3.26E-03	3.69E-03	4.16E-03	5.18E-03	7.20E-03	8.23E-04	2.78E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson County	34017	U	Arsenic Compounds	4.94E-04	5.39E-04	7.61E-04	1.15E-03	1.58E-03	1.63E-03	2.13E-03	3.21E-03	1.06E-03	1.99E-04	2.49E-04	7.32E-05	0.00E+00	
New Jersey	Hudson County	34017	U	Benzene	3.09E+00	3.18E+00	3.42E+00	3.73E+00	3.87E+00	4.19E+00	4.72E+00	5.01E+00	1.66E-02	5.60E-01	2.36E+00	4.55E-01	4.80E-01	
New Jersey	Hudson County	34017	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34017	U	Beryllium Compounds	5.69E-05	5.98E-05	7.73E-05	8.85E-05	9.28E-05	9.98E-05	1.30E-04	1.51E-04	9.49E-07	9.15E-05	0.00E+00	3.25E-07	0.00E+00	
New Jersey	Hudson County	34017	U	1,3-Butadiene	1.71E-01	1.81E-01	2.16E-01	2.73E-01	2.98E-01	3.63E-01	4.62E-01	4.88E-01	2.49E-04	4.58E-02	2.06E-01	4.55E-02	0.00E+00	
New Jersey	Hudson County	34017	U	Cadmium Compounds	9.52E-05	1.00E-04	1.16E-04	1.29E-04	1.35E-04	1.43E-04	1.74E-04	2.10E-04	1.30E-05	1.22E-04	0.00E+00	3.78E-07	0.00E+00	
New Jersey	Hudson County	34017	U	Carbon Disulfide	6.81E-02	6.84E-02	7.00E-02	7.20E-02	7.61E-02	7.75E-02	8.52E-02	1.08E-01	3.46E-03	2.56E-02	0.00E+00	0.00E+00	4.70E-02	
New Jersey	Hudson County	34017	U	Carbon Tetrachloride	8.82E-01	8.82E-01	8.83E-01	8.83E-01	8.84E-01	8.84E-01	8.86E-01	8.93E-01	2.50E-05	3.86E-03	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Hudson County	34017	U	Chloroform	1.90E-01	1.93E-01	2.12E-01	2.39E-01	2.39E-01	2.65E-01	2.86E-01	2.97E-01	4.36E-04	1.56E-01	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Hudson County	34017	U	Chromium Compounds (includes Hexavalent)	6.79E-04	7.19E-04	9.34E-04	1.30E-03	1.76E-03	1.75E-03	2.37E-03	3.42E-03	1.16E-03	3.63E-04	2.28E-04	6.89E-06	0.00E+00	
New Jersey	Hudson County	34017	U	Chromium VI	1.98E-04	2.19E-04	2.71E-04	3.47E-04	4.26E-04	4.47E-04	5.79E-04	7.18E-04	2.18E-04	1.15E-04	9.11E-05	2.34E-06	0.00E+00	
New Jersey	Hudson County	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 County	34017	U	1,4-Dichlorobenzene	1.14E-01	1.23E-01	1.52E-01	1.83E-01	1.98E-01	2.35E-01	2.90E-01	3.48E-01	3.73E-03	1.94E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson County	34017	U	1,3-Dichloropropene	2.08E-01	2.28E-01	2.86E-01	3.53E-01	3.83E-01	4.59E-01	5.72E-01	6.93E-01	1.10E-09	3.83E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson County	34017	U	Ethylene Dibromide	7.72E-03	7.73E-03	7.73E-03	7.73E-03	7.74E-03	7.75E-03	7.75E-03	7.75E-03	2.27E-05	1.37E-05	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Hudson County	34017	U	Ethylene Dichloride	6.16E-02	6.16E-02	6.16E-02	6.17E-02	6.17E-02	6.17E-02	6.18E-02	6.18E-02	2.75E-04	4.01E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Hudson County	34017	U	Ethylene Oxide	7.78E-03	9.39E-03	1.40E-02	1.89E-02	2.12E-02	2.44E-02	3.44E-02	4.07E-02	9.46E-08	1.22E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson County	34017	U	Formaldehyde	2.18E+00	2.38E+00	2.66E+00	2.99E+00	3.05E+00	3.30E+00	3.86E+00	4.12E+00	1.45E-01	1.34E-01	1.84E+00	6.77E-01	2.50E-01	
New Jersey	Hudson County	34017	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	1.15E-07	0.00E+00	9.30E-05	
New Jersey	Hudson County	34017	U	Hexachlorobutadiene	1.94E-03	1.95E-03	1.96E-03	2.01E-03	2.02E-03	2.05E-03	2.14E-03	2.21E-03	2.22E-04	1.74E-06	0.00E+00	0.00E+00	1.80E-03	
New Jersey	Hudson County	34017	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34017	U	Hydrazine	1.84E-05	2.18E-05	3.00E-05	3.98E-05	4.40E-05	5.22E-05	6.88E-05	8.71E-05	1.01E-05	3.39E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hudson County	34017	U	Lead Compounds	1.33E-02	1.40E-02	1.48E-02	1.67E-02	1.69E-02	1.80E-02	1.95E-02	2.11E-02	8.43E-03	2.52E-03	0.00E+00	5.96E-03	0.00E+00	
New Jersey	Hudson County	34017	U	Manganese Compounds	1.72E-03	1.76E-03	2.05E-03	2.71E-03	4.57E-03	3.57E-03	4.64E-03	6.17E-03	1.13E-03	3.36E-03	7.32E-05	7.44E-06	0.00E+00	
New Jersey	Hudson County	34017	U	Mercury Compounds	1.94E-03	1.96E-03	2.00E-03	2.06E-03	2.07E-03	2.12E-03	2.21E-03	2.27E-03	4.92E-05	2.35E-04	2.32E-04	5.89E-05	1.50E-03	
New Jersey	Hudson County	34017	U	Methylene Chloride	8.17E-01	8.55E-01	9.40E-01	1.06E+00	1.08E+00	1.17E+00	1.33E+00	1.44E+00	3.87E-02	8.90E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Hudson County	34017	U	Nickel Compounds	2.95E-03	3.17E-03	3.63E-03	4.45E-03	4.73E-03	5.04E-03	6.01E-03	6.96E-03	1.18E-03	3.36E-03	1.69E-04	2.44E-05	0.00E+00	
New Jersey	Hudson County	34017	U	Perchloroethylene	4.28E-01	4.49E-01	5.12E-01	5.89E-01	6.13E-01	6.73E-01	7.63E-01	8.95E-01	3.73E-03	4.69E-01	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Hudson County	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	3.64E-09	6.41E-08	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Hudson County	34017	U	Polycyclic Organic Matter	2.25E-01	2.58E-01	2.94E-01	3.34E-01	3.39E-01	3.66E-01	4.18E-01	4.50E-01	1.55E-03	2.51E-01	6.00E-02	1.82E-02	0.00E+00	
New Jersey	Hudson County	34017	U	7-PAH	8.13E-04	8.												

DRAFT FOR REVIEW ONLY
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	Hunterdon County	34019	U	Acrylonitrile	2.63E-04	2.74E-04	3.05E-04	3.53E-04	4.15E-04	4.50E-04	4.91E-04	6.27E-04	2.66E-04	1.49E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	Arsenic Compounds	6.91E-05	6.92E-05	9.21E-05	9.82E-05	1.11E-04	1.42E-04	1.62E-04	1.71E-04	2.87E-05	2.17E-05	4.98E-05	1.03E-05	0.00E+00	
New Jersey	Hunterdon County	34019	U	Benzene	8.88E-01	8.88E-01	9.25E-01	9.62E-01	1.05E+00	1.20E+00	1.26E+00	1.35E+00	2.06E-03	1.22E-01	3.38E-01	1.03E-01	4.80E-01	
New Jersey	Hunterdon County	34019	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Hunterdon County	34019	U	Beryllium Compounds	9.45E-06	9.50E-06	1.04E-05	1.12E-05	1.22E-05	1.30E-05	1.70E-05	1.86E-05	1.94E-06	9.98E-06	0.00E+00	2.85E-07	0.00E+00	
New Jersey	Hunterdon County	34019	U	1,3-Butadiene	1.41E-02	1.45E-02	1.66E-02	1.99E-02	3.00E-02	4.65E-02	6.11E-02	6.25E-02	2.52E-06	8.06E-04	2.09E-02	8.29E-03	0.00E+00	
New Jersey	Hunterdon County	34019	U	Cadmium Compounds	2.16E-05	2.16E-05	2.26E-05	2.78E-05	2.91E-05	3.44E-05	3.54E-05	3.86E-05	1.33E-05	1.55E-05	0.00E+00	2.90E-07	0.00E+00	
New Jersey	Hunterdon County	34019	U	Carbon Disulfide	4.79E-02	4.79E-02	4.80E-02	4.81E-02	4.88E-02	4.85E-02	4.88E-02	4.91E-02	1.25E-04	1.69E-03	0.00E+00	0.00E+00	4.70E-02	
New Jersey	Hunterdon County	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	8.80E-01	8.80E-01	6.27E-07	3.74E-04	0.00E+00	8.80E-01
New Jersey	Hunterdon County	34019	U	Chloroform	1.04E-01	1.05E-01	1.07E-01	1.08E-01	1.10E-01	1.11E-01	1.15E-01	1.16E-01	1.00E-02	1.66E-02	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Hunterdon County	34019	U	Chromium Compounds (includes Hexavalent)	3.96E-04	4.01E-04	4.37E-04	5.61E-04	5.71E-04	6.54E-04	7.27E-04	9.61E-04	1.62E-04	3.74E-04	3.35E-05	1.62E-06	0.00E+00	
New Jersey	Hunterdon County	34019	U	Chromium VI	1.14E-04	1.15E-04	1.17E-04	1.31E-04	1.45E-04	1.54E-04	2.07E-04	2.25E-04	8.53E-06	1.22E-04	1.33E-05	5.51E-07	0.00E+00	
New Jersey	Hunterdon County	34019	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	Hunterdon County	34019	U	1,4-Dichlorobenzene	1.65E-02	1.68E-02	1.85E-02	2.14E-02	2.36E-02	2.60E-02	3.61E-02	3.80E-02	4.10E-05	2.36E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	1,3-Dichloropropene	3.10E-02	3.20E-02	3.50E-02	4.00E-02	4.51E-02	5.00E-02	7.14E-02	7.15E-02	2.18E-10	4.51E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	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	2.48E-07	1.96E-07	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Hunterdon County	34019	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	6.14E-02	6.17E-02	6.18E-02	1.84E-04	1.42E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Hunterdon County	34019	U	Ethylene Oxide	1.52E-03	1.60E-03	1.85E-03	2.51E-03	2.92E-03	3.48E-03	4.56E-03	4.79E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	Formaldehyde	5.59E-01	5.64E-01	6.17E-01	6.58E-01	7.07E-01	7.51E-01	9.57E-01	9.61E-01	3.71E-03	4.20E-02	3.12E-01	9.95E-02	2.50E-01	
New Jersey	Hunterdon County	34019	U	Hexachlorobenzene	9.34E-05	9.34E-05	9.37E-05	9.40E-05	9.43E-05	9.47E-05	9.58E-05	9.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Hunterdon County	34019	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	9.93E-07	1.62E-07	0.00E+00	0.00E+00	1.80E-03	
New Jersey	Hunterdon County	34019	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.14E-08	5.84E-08	8.20E-08	8.99E-08	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	Hydrazine	1.23E-08	1.34E-08	1.79E-07	1.79E-06	1.92E-06	3.21E-06	3.91E-06	4.13E-06	1.90E-06	2.15E-08	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	Lead Compounds	1.76E-03	1.81E-03	1.99E-03	2.71E-03	2.75E-03	3.31E-03	3.62E-03	3.71E-03	1.22E-03	3.87E-04	0.00E+00	1.14E-03	0.00E+00	
New Jersey	Hunterdon County	34019	U	Manganese Compounds	4.81E-04	5.00E-04	5.34E-04	5.93E-04	6.26E-04	6.62E-04	8.24E-04	8.40E-04	1.51E-04	4.63E-04	1.04E-05	1.21E-06	0.00E+00	
New Jersey	Hunterdon County	34019	U	Mercury Compounds	1.59E-03	1.59E-03	1.59E-03	1.61E-03	1.62E-03	1.64E-03	1.67E-03	1.67E-03	2.74E-05	2.85E-05	1.61E-05	8.30E-06	1.50E-03	
New Jersey	Hunterdon County	34019	U	Methylene Chloride	2.75E-01	2.78E-01	3.01E-01	3.17E-01	3.34E-01	3.50E-01	4.46E-01	4.52E-01	7.50E-02	1.09E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Hunterdon County	34019	U	Nickel Compounds	7.51E-04	7.73E-04	8.62E-04	9.47E-04	9.85E-04	1.14E-03	1.19E-03	1.24E-03	5.06E-04	4.51E-04	2.50E-05	3.40E-06	0.00E+00	
New Jersey	Hunterdon County	34019	U	Perchloroethylene	1.61E-01	1.61E-01	1.65E-01	1.75E-01	1.75E-01	1.83E-01	1.90E-01	2.04E-01	5.16E-04	3.50E-02	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Hunterdon County	34019	U	Polychlorinated Biphenyls	4.23E-04	4.29E-04	4.55E-04	4.97E-04	5.27E-04	5.79E-04	7.19E-04	7.23E-04	4.84E-11	1.47E-04	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Hunterdon County	34019	U	Polycyclic Organic Matter	2.55E-02	3.08E-02	3.23E-02	3.60E-02	3.81E-02	4.30E-02	5.15E-02	5.36E-02	5.47E-04	2.54E-02	1.02E-02	2.00E-03	0.00E+00	
New Jersey	Hunterdon County	34019	U	7-PAH	9.10E-04	9.42E-04	1.01E-03	1.21E-03	1.31E-03	1.36E-03	2.15E-03	2.15E-03	1.18E-06	1.02E-03	7.81E-05	2.32E-05	0.00E+00	
New Jersey	Hunterdon County	34019	U	Propylene Dichloride	6.64E-03	1.02E-02	1.79E-02	5.25E-02	6.61E-02	9.71E-02	1.23E-01	1.67E-01	6.61E-02	6.90E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	Quinoline	1.38E-07	1.43E-07	1.53E-07	1.66E-07	1.96E-07	2.12E-07	2.53E-07	3.82E-07	0.00E+00	1.96E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	1,1,2,2-Tetrachloroethane	1.15E-04	1.18E-04	1.36E-04	1.61E-04	1.70E-04	1.91E-04	2.34E-04	2.48E-04	1.48E-04	2.23E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Hunterdon County	34019	U	Trichloroethylene	9.05E-02	9.12E-02	9.43E-02	1.02E-01	1.09E-01	1.19E-01	1.40E-01	1.44E-01	1.28E-02	1.55E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Hunterdon County	34019	U	Vinyl Chloride	3.12E-04	3.46E-04	3.85E-04	4.76E-04	4.76E-04	5.67E-04	6.09E-04	6.16E-04	3.94E-04	8.21E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer County	34021	U	Acetaldehyde	4.77E-01	5.69E-01	7.03E-01	8.13E-01	8.80E-01	1.04E+00	1.29E+00	1.40E+00	4.80E-04	1.26E-01	6.24E-01	1.29E-01	0.00E+00	
New Jersey	Mercer County	34021	U	Acrolein	8.35E-02	1.07E-01	1.20E-01	1.37E-01	1.34E-01	1.47E-01	1.64E-01	1.69E-01	1.02E-04	2.33E-02	8.41E-02	2.68E-02	0.00E+00	
New Jersey	Mercer County	34021	U	Acrylonitrile	7.64E-04	1.05E-03	1.39E-03	2.04E-03	2.35E-03	2.72E-03	3.64E-03	5.66E-03	1.51E-03	8.43E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer County	34021	U	Arsenic Compounds	1.24E-04	1.35E-04	1.58E-04	2.03E-04	2.12E-04	2.45E-04	3.09E-04	3.47E-04	5.42E-06	9.02E-05	8.93E-05	2.71E-05	0.00E+00	
New Jersey	Mercer County	34021	U	Benzene	1.15E+00	1.23E+00	1.42E+00	1.57E+00	1.61E+00	1.75E+00	1.92E+00	2.22E+00	6.21E-03	1.19E-01	7.69E-01	2.33E-01	4.80E-01	
New Jersey	Mercer County	34021	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34021	U	Beryllium Compounds	1.41E-05	1.51E-05	1.95E-05	2.92E-05	3.56E-05	4.69E-05	6.20E-05	8.33E-05	2.27E-07	3.52E-05	0.00E+00	2.05E-07	0.00E+00	
New Jersey	Mercer County	34021	U	1,3-Butadiene	3.61E-02	4.16E-02	5.51E-02	7.64E-02	8.47E-02	1.06E-01	1.31E-01	1.54E-01	1.41E-05	8.74E-04	6.01E-02	2.37E-02	0.00E+00	
New Jersey	Mercer County	34021	U	Cadmium Compounds	4.07E-05	4.54E-05	5.36E-05	6.55E-05	7.14E-05	8.27E-05	1.11E-04	1.20E-04	6.81E-06	6.40E-05	0.00E+00	5.60E-07	0.00E+00	
New Jersey	Mercer County	34021	U	Carbon Disulfide	4.88E-02	4.92E-02	5.01E-02	5.07E-02	5.30E-02	5.27E-02	5.58E-02	7.65E-02	3.73E-04	5.66E-03	0.00E+00	0.00E+00	4.70E-02	
New Jersey	Mercer County	34021	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	8.81E-01	3.74E-06	1.12E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Mercer County	34021	U	Chloroform	1.19E-01	1.24E-01	1.31E-01	1.45E-01	1.59E-01	1.78E-01	2.10E-01	2.39E-01	5.15E-05	7.59E-02	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Mercer County	34021	U	Chromium Compounds (includes Hexavalent)	1.07E-03	1.20E-03	1.53E-03	2.95E-03	3.07E-03	4.04E-03	5.04E-03	5.64E-03	2.63E-03	3.56E-04	7.37E-05	4.93E-06	0.00E+00	
New Jersey	Mercer County	34021	U	Chromium VI	1.24E-04	1.40E-04	1.74E-04	2.18E-04	2.53E-04	2.75E-04	3.15E-04	4.09E-04	1.12E-04	1.10E-04	2.94E-05	1.68E-06	0.00E+00	
New Jersey	Mercer County	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 County	34021	U	1,4-Dichlorobenzene	3.78E-02	4.06E-02	4.60E-02	6.06E-02	7.35E-02	9.09E-02	1.25E-01	1.51E-01	2.90E-04	7.32E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer County	34021	U	1,3-Dichloropropene	7.10E-02	7.59E-02	8.74E-02	1.17E-01	1.43E-01	1.75E-01	2.48E-01	3.00E-01	4.77E-10	1.43E-01	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Mercer County	34021	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	1.76E-06	6.75E-07	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Mercer County	34021	U	Ethylene Dichloride	6.16E-02	6.17E-02	6.24E-02	6.37E-02	6.37E-02	6.43E-02	6.57E-02	6.69E-02	1.99E-03	6.56E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Mercer County	34021	U	Ethylene Oxide	8.													

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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	Mercer County	34021	U	Mercury Compounds	1.67E-03	1.71E-03	1.73E-03	1.78E-03	1.79E-03	1.84E-03	1.88E-03	1.91E-03	5.95E-05	1.15E-04	8.96E-05	2.26E-05	1.50E-03
New Jersey	Mercer County	34021	U	Methylene Chloride	3.28E-01	3.43E-01	3.96E-01	4.83E-01	5.61E-01	7.01E-01	9.16E-01	1.03E+00	2.44E-02	3.86E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Mercer County	34021	U	Nickel Compounds	6.44E-04	7.30E-04	8.39E-04	1.14E-03	1.59E-03	1.87E-03	2.82E-03	3.23E-03	4.41E-04	1.02E-03	5.46E-05	8.27E-05	0.00E+00
New Jersey	Mercer County	34021	U	Perchloroethylene	1.94E-01	2.07E-01	2.23E-01	2.53E-01	2.63E-01	2.90E-01	3.29E-01	3.70E-01	2.77E-03	1.20E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Mercer County	34021	U	Polychlorinated Biphenyls	3.90E-04	3.92E-04	3.93E-04	3.95E-04	3.96E-04	3.97E-04	4.00E-04	4.06E-04	9.74E-10	1.57E-05	0.00E+00	0.00E+00	3.80E-04
New Jersey	Mercer County	34021	U	Polycyclic Organic Matter	5.02E-02	5.57E-02	6.70E-02	8.54E-02	8.72E-02	1.02E-01	1.21E-01	1.50E-01	5.04E-03	5.29E-02	2.26E-02	6.63E-03	0.00E+00
New Jersey	Mercer County	34021	U	7-PAH	6.30E-04	6.75E-04	7.65E-04	9.01E-04	8.90E-04	1.00E-03	1.08E-03	1.13E-03	5.41E-07	6.72E-04	1.52E-04	6.49E-05	0.00E+00
New Jersey	Mercer County	34021	U	Propylene Dichloride	1.70E-02	1.84E-02	1.90E-02	2.04E-02	2.07E-02	2.21E-02	2.76E-02	2.84E-02	2.07E-02	3.88E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Mercer County	34021	U	Quinoline	2.25E-07	2.53E-07	2.84E-07	3.40E-07	5.00E-07	4.97E-07	1.02E-06	1.56E-06	0.00E+00	5.00E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Mercer County	34021	U	1,1,2,2-Tetrachloroethane	3.54E-04	4.56E-04	5.88E-04	1.01E-03	1.06E-03	1.29E-03	1.73E-03	1.92E-03	8.38E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Mercer County	34021	U	Trichloroethylene	1.14E-01	1.21E-01	1.40E-01	1.67E-01	1.85E-01	2.14E-01	2.39E-01	2.79E-01	5.68E-02	4.76E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Mercer County	34021	U	Vinyl Chloride	1.15E-03	1.77E-03	2.85E-03	4.07E-03	4.04E-03	4.96E-03	5.92E-03	6.23E-03	2.50E-03	1.54E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Acetaldehyde	5.79E-01	6.57E-01	7.23E-01	9.47E-01	1.07E+00	1.29E+00	1.70E+00	1.98E+00	5.04E-02	1.51E-01	7.74E-01	9.92E-02	0.00E+00
New Jersey	Middlesex County	34023	U	Acrolein	9.34E-02	1.00E-01	1.13E-01	1.41E-01	1.54E-01	1.85E-01	2.28E-01	2.47E-01	5.27E-04	3.88E-02	8.80E-02	2.68E-02	0.00E+00
New Jersey	Middlesex County	34023	U	Acrylonitrile	1.06E-03	1.13E-03	1.45E-03	1.96E-03	2.59E-03	2.61E-03	4.11E-03	5.23E-03	1.14E-03	1.45E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Arsenic Compounds	1.22E-04	1.29E-04	1.51E-04	1.88E-04	2.11E-04	2.56E-04	3.15E-04	3.60E-04	2.72E-05	7.47E-05	8.58E-05	2.31E-05	0.00E+00
New Jersey	Middlesex County	34023	U	Benzene	1.12E+00	1.17E+00	1.25E+00	1.48E+00	1.64E+00	1.81E+00	2.39E+00	2.88E+00	2.18E-02	1.62E-01	7.64E-01	2.16E-01	4.80E-01
New Jersey	Middlesex County	34023	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34023	U	Beryllium Compounds	1.46E-05	1.54E-05	1.81E-05	2.75E-05	3.14E-05	3.81E-05	5.67E-05	6.61E-05	9.68E-07	3.00E-05	0.00E+00	3.93E-07	0.00E+00
New Jersey	Middlesex County	34023	U	1,3-Butadiene	3.21E-02	3.54E-02	4.48E-02	6.05E-02	8.61E-02	1.05E-01	1.51E-01	2.26E-01	4.59E-04	6.46E-03	5.76E-02	2.16E-02	0.00E+00
New Jersey	Middlesex County	34023	U	Cadmium Compounds	5.01E-05	5.49E-05	6.09E-05	7.35E-05	8.27E-05	9.23E-05	1.25E-04	1.39E-04	1.22E-05	7.01E-05	0.00E+00	4.14E-07	0.00E+00
New Jersey	Middlesex County	34023	U	Carbon Disulfide	5.04E-02	5.11E-02	5.23E-02	5.38E-02	5.69E-02	5.77E-02	6.59E-02	7.27E-02	3.62E-03	6.26E-03	0.00E+00	0.00E+00	4.70E-02
New Jersey	Middlesex County	34023	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	1.93E-05	1.11E-03	0.00E+00	0.00E+00	8.80E-01
New Jersey	Middlesex County	34023	U	Chloroform	1.27E-01	1.30E-01	1.38E-01	1.48E-01	1.55E-01	1.65E-01	1.92E-01	2.13E-01	4.17E-04	7.11E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Middlesex County	34023	U	Chromium Compounds (includes Hexavalent)	4.48E-04	5.43E-04	6.74E-04	8.18E-04	9.34E-04	9.75E-04	1.15E-03	1.68E-03	5.21E-04	3.35E-04	7.41E-05	3.76E-06	0.00E+00
New Jersey	Middlesex County	34023	U	Chromium VI	1.21E-04	1.27E-04	1.58E-04	2.05E-04	2.52E-04	2.62E-04	3.43E-04	4.88E-04	1.18E-04	1.03E-04	2.96E-05	1.28E-06	0.00E+00
New Jersey	Middlesex County	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 County	34023	U	1,4-Dichlorobenzene	4.27E-02	4.45E-02	5.12E-02	6.13E-02	6.65E-02	7.67E-02	9.71E-02	1.12E-01	2.70E-03	6.38E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	1,3-Dichloropropene	7.71E-02	8.24E-02	9.46E-02	1.13E-01	1.22E-01	1.37E-01	1.78E-01	2.10E-01	4.91E-09	1.22E-01	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Ethylene Dibromide	7.71E-03	7.71E-03	7.71E-03	7.72E-03	7.72E-03	7.72E-03	7.74E-03	7.75E-03	1.64E-05	2.94E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Middlesex County	34023	U	Ethylene Dichloride	6.14E-02	6.14E-02	6.14E-02	6.15E-02	6.15E-02	6.16E-02	6.16E-02	6.17E-02	3.93E-04	1.47E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Middlesex County	34023	U	Ethylene Oxide	6.80E-04	7.70E-04	1.68E-03	2.87E-03	3.06E-03	4.39E-03	5.10E-03	5.86E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Formaldehyde	8.53E-01	8.93E-01	9.64E-01	1.18E+00	1.30E+00	1.53E+00	1.85E+00	2.20E+00	6.08E-02	1.08E-01	6.66E-01	2.19E-01	2.50E-01
New Jersey	Middlesex County	34023	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.70E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Middlesex County	34023	U	Hexachlorobutadiene	1.86E-03	1.87E-03	1.88E-03	1.92E-03	1.99E-03	2.11E-03	2.21E-03	2.11E-03	1.57E-04	5.51E-07	0.00E+00	0.00E+00	1.80E-03
New Jersey	Middlesex County	34023	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-09	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Hydrazine	1.49E-05	2.09E-05	3.38E-05	7.56E-05	1.90E-04	2.02E-04	4.46E-04	7.28E-04	1.88E-04	1.30E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Lead Compounds	7.95E-03	9.14E-03	1.33E-02	2.31E-02	3.50E-02	3.65E-02	5.79E-02	8.46E-02	3.08E-02	2.47E-03	0.00E+00	1.75E-03	0.00E+00
New Jersey	Middlesex County	34023	U	Manganese Compounds	9.51E-04	9.78E-04	1.07E-03	1.23E-03	1.54E-03	1.57E-03	2.21E-03	3.28E-03	1.05E-04	1.41E-03	2.33E-05	2.80E-06	0.00E+00
New Jersey	Middlesex County	34023	U	Mercury Compounds	1.68E-03	1.70E-03	1.72E-03	1.75E-03	1.79E-03	1.83E-03	1.95E-03	2.05E-03	2.37E-05	1.66E-04	8.37E-05	1.83E-05	1.50E-03
New Jersey	Middlesex County	34023	U	Methylene Chloride	3.30E-01	3.43E-01	3.86E-01	5.08E-01	5.31E-01	5.85E-01	6.53E-01	7.93E-01	3.55E-02	3.46E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Middlesex County	34023	U	Nickel Compounds	6.46E-04	7.44E-04	1.08E-03	1.62E-03	1.80E-03	2.08E-03	3.04E-03	3.63E-03	1.25E-04	1.61E-03	5.48E-05	9.61E-06	0.00E+00
New Jersey	Middlesex County	34023	U	Perchloroethylene	2.19E-01	2.29E-01	2.49E-01	2.80E-01	2.85E-01	3.15E-01	3.50E-01	3.69E-01	2.57E-03	1.43E-01	0.00E+00	0.00E+00	1.40E-01
New Jersey	Middlesex County	34023	U	Polychlorinated Biphenyls	3.83E-04	3.84E-04	3.86E-04	3.89E-04	3.89E-04	3.91E-04	3.94E-04	3.95E-04	2.93E-09	8.68E-06	0.00E+00	0.00E+00	3.80E-04
New Jersey	Middlesex County	34023	U	Polycyclic Organic Matter	5.52E-02	5.77E-02	7.13E-02	9.10E-02	1.05E-01	1.23E-01	1.81E-01	2.16E-01	2.27E-03	7.51E-02	2.25E-02	5.39E-03	0.00E+00
New Jersey	Middlesex County	34023	U	7-PAH	3.22E-04	3.31E-04	3.56E-04	3.98E-04	4.35E-04	5.02E-04	5.65E-04	6.56E-04	4.26E-06	2.35E-04	1.49E-04	4.69E-05	0.00E+00
New Jersey	Middlesex County	34023	U	Propylene Dichloride	8.08E-05	1.06E-04	1.27E-02	1.50E-02	1.31E-02	1.78E-02	2.06E-02	2.22E-02	1.31E-02	2.55E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Quinoline	3.41E-07	3.74E-07	5.07E-07	7.72E-07	7.76E-07	9.90E-07	1.17E-06	1.27E-06	0.00E+00	7.76E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	1,1,2,2-Tetrachloroethane	2.65E-04	3.15E-04	3.96E-04	5.20E-04	7.55E-04	7.13E-04	9.66E-04	1.16E-03	6.43E-04	1.12E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Middlesex County	34023	U	Trichloroethylene	1.08E-01	1.10E-01	1.15E-01	1.28E-01	1.33E-01	1.39E-01	1.53E-01	1.57E-01	8.91E-03	4.27E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Middlesex County	34023	U	Vinyl Chloride	3.16E-03	3.55E-03	4.84E-03	6.80E-03	7.83E-03	9.27E-03	1.22E-02	1.43E-02	1.64E-03	6.19E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Acetaldehyde	3.35E-01	3.53E-01	4.55E-01	6.02E-01	6.91E-01	7.34E-01	8.94E-01	1.04E+00	2.71E-02	7.74E-02	5.20E-01	6.64E-02	0.00E+00
New Jersey	Monmouth County	34025	U	Acrolein	6.65E-02	7.43E-02	8.81E-02	1.09E-01	1.15E-01	1.36E-01	1.62E-01	2.60E-04	3.26E-02	6.32E-02	1.86E-02	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Acrylonitrile	8.20E-04	8.57E-04	9.65E-04	1.30E-03	1.59E-03	1.84E-03	2.74E-03	3.06E-03	3.96E-04	1.19E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Arsenic Compounds	6.58E-05	7.42E-05	9.13E-05	1.10E-04	1.21E-04	1.33E-04	1.53E-04	1.79E-04	1.11E-05	3.66E-05	5.82E-05	1.51E-05	0.00E+00
New Jersey	Monmouth County	34025	U	Benzene	9.52E-01	9.91E-01	1.08E+00	1.19E+00	1.28E+00	1.30E+00	1.40E+00	1.49E+00	4.99E-03	8.65E-02	5.25E-01	1.87E-01	4.80E-01
New Jersey	Monmouth County	34025	U	Benzidine	0.00E+00	0.00E+00	0.00E+00										

DRAFT FOR REVIEW ONLY
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	Monmouth County	34025	U	Chromium VI	2.53E-05	2.82E-05	3.47E-05	4.85E-05	6.28E-05	8.79E-05	1.02E-04	1.26E-04	1.64E-05	2.56E-05	1.98E-05	9.54E-07	0.00E+00
New Jersey	Monmouth County	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 County	34025	U	1,4-Dichlorobenzene	2.83E-02	3.03E-02	3.61E-02	4.44E-02	4.58E-02	5.42E-02	6.24E-02	6.58E-02	1.56E-03	4.43E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	1,3-Dichloropropene	5.14E-02	5.64E-02	6.82E-02	8.26E-02	8.51E-02	9.88E-02	1.18E-01	1.24E-01	3.96E-10	8.51E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Ethylene Dichloride	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.72E-03	7.73E-03	9.48E-06	2.47E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Monmouth County	34025	U	Ethylene Dibromide	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.14E-02	6.15E-02	6.15E-02	1.19E-04	1.51E-04	0.00E+00	0.00E+00	6.10E-02
New Jersey	Monmouth County	34025	U	Ethylene Oxide	5.62E-04	6.92E-04	1.04E-03	1.66E-03	2.10E-03	2.83E-03	3.41E-03	3.64E-03	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Formaldehyde	6.19E-01	6.59E-01	7.68E-01	8.44E-01	9.31E-01	9.70E-01	1.07E+00	1.16E+00	2.92E-02	6.89E-02	4.44E-01	1.38E-01	2.50E-01
New Jersey	Monmouth County	34025	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	9.32E-05	0.00E+00	1.11E-07	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Hexachlorobutadiene	1.85E-03	1.85E-03	1.86E-03	1.88E-03	1.89E-03	1.90E-03	1.98E-03	2.02E-03	9.25E-05	2.84E-07	0.00E+00	0.00E+00	1.80E-03
New Jersey	Monmouth County	34025	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-09	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Hydrazine	4.42E-08	5.17E-08	2.64E-06	4.15E-06	4.89E-06	7.13E-06	1.04E-05	1.17E-05	4.37E-06	5.25E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Lead Compounds	2.36E-03	2.59E-03	3.04E-03	4.60E-03	6.41E-03	8.51E-03	1.27E-02	1.52E-02	5.13E-03	7.11E-04	0.00E+00	5.68E-04	0.00E+00
New Jersey	Monmouth County	34025	U	Manganese Compounds	4.08E-04	4.59E-04	5.59E-04	7.30E-04	8.93E-04	1.05E-03	1.61E-03	1.87E-03	4.44E-05	8.31E-04	1.55E-05	1.87E-06	0.00E+00
New Jersey	Monmouth County	34025	U	Mercury Compounds	1.58E-03	1.59E-03	1.61E-03	1.64E-03	1.65E-03	1.68E-03	1.72E-03	1.77E-03	1.01E-05	7.49E-05	5.74E-05	1.14E-05	1.50E-03
New Jersey	Monmouth County	34025	U	Methylene Chloride	2.49E-01	2.54E-01	2.75E-01	3.00E-01	3.13E-01	3.42E-01	3.64E-01	3.95E-01	4.84E-03	1.58E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Monmouth County	34025	U	Nickel Compounds	2.07E-04	2.42E-04	3.39E-04	4.68E-04	5.56E-04	7.50E-04	9.95E-04	1.10E-03	5.81E-05	4.56E-04	3.67E-05	5.03E-06	0.00E+00
New Jersey	Monmouth County	34025	U	Perchloroethylene	1.84E-01	1.90E-01	2.04E-01	2.19E-01	2.28E-01	2.56E-01	2.74E-01	2.81E-01	9.34E-04	7.71E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Monmouth County	34025	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.85E-04	3.86E-04	3.87E-04	3.90E-04	3.94E-04	8.91E-10	5.67E-06	0.00E+00	0.00E+00	3.80E-04
New Jersey	Monmouth County	34025	U	Polycyclic Organic Matter	3.52E-02	3.98E-02	5.00E-02	5.84E-02	6.24E-02	7.13E-02	9.39E-02	9.75E-02	7.84E-04	4.33E-02	1.51E-02	3.29E-03	0.00E+00
New Jersey	Monmouth County	34025	U	7-PAH	2.80E-04	2.96E-04	3.52E-04	3.98E-04	4.42E-04	4.52E-04	5.79E-04	8.13E-04	1.40E-06	2.89E-04	1.00E-04	5.12E-05	0.00E+00
New Jersey	Monmouth County	34025	U	Propylene Dichloride	2.77E-05	2.90E-05	3.31E-05	4.54E-05	5.51E-05	6.98E-05	8.38E-05	9.50E-05	3.27E-05	2.24E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Quinoline	2.62E-07	2.82E-07	3.25E-07	4.11E-07	4.92E-07	5.23E-07	7.24E-07	1.07E-06	0.00E+00	4.92E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	1,1,2,2-Tetrachloroethane	1.61E-04	1.67E-04	1.87E-04	2.57E-04	3.55E-04	4.89E-04	5.75E-04	6.43E-04	2.25E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Monmouth County	34025	U	Trichloroethylene	1.06E-01	1.07E-01	1.10E-01	1.14E-01	1.20E-01	1.21E-01	1.31E-01	1.47E-01	1.99E-02	1.88E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Monmouth County	34025	U	Vinyl Chloride	6.39E-03	8.24E-03	1.08E-02	1.25E-02	1.47E-02	1.57E-02	2.09E-02	2.79E-02	5.86E-04	1.41E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris County	34027	U	Acetaldehyde	3.16E-01	3.77E-01	4.89E-01	6.92E-01	7.19E-01	9.03E-01	1.11E+00	1.20E+00	1.51E-02	1.20E-01	5.17E-01	6.68E-02	0.00E+00
New Jersey	Morris County	34027	U	Acrolein	4.83E-02	5.36E-02	6.48E-02	9.77E-02	9.74E-02	1.30E-01	1.44E-01	1.47E-01	9.40E-05	2.14E-02	5.83E-02	1.76E-02	0.00E+00
New Jersey	Morris County	34027	U	Acrylonitrile	2.17E-04	3.65E-04	4.31E-04	6.08E-04	6.30E-04	7.19E-04	8.69E-04	9.48E-04	9.75E-05	5.33E-04	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris County	34027	U	Arsenic Compounds	8.67E-05	9.56E-05	1.10E-04	1.34E-04	1.36E-04	1.54E-04	1.81E-04	1.98E-04	1.88E-05	4.46E-05	5.72E-05	1.57E-05	0.00E+00
New Jersey	Morris County	34027	U	Benzene	8.27E-01	8.70E-01	9.98E-01	1.16E+00	1.22E+00	1.43E+00	1.66E+00	1.80E+00	1.81E-03	6.99E-02	4.79E-01	1.90E-01	4.80E-01
New Jersey	Morris County	34027	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Morris County	34027	U	Beryllium Compounds	1.08E-05	1.25E-05	1.58E-05	1.90E-05	1.90E-05	2.23E-05	2.50E-05	2.70E-05	8.40E-07	1.80E-05	0.00E+00	1.54E-07	0.00E+00
New Jersey	Morris County	34027	U	1,3-Butadiene	1.72E-02	2.01E-02	3.17E-02	4.75E-02	5.52E-02	7.52E-02	9.73E-02	1.32E-01	1.15E-05	1.98E-03	3.38E-02	1.94E-02	0.00E+00
New Jersey	Morris County	34027	U	Cadmium Compounds	1.87E-05	2.13E-05	2.49E-05	3.30E-05	3.50E-05	4.19E-05	5.04E-05	5.73E-05	3.11E-06	3.18E-05	0.00E+00	1.54E-07	0.00E+00
New Jersey	Morris County	34027	U	Carbon Disulfide	4.85E-02	4.88E-02	5.00E-02	5.23E-02	5.32E-02	5.57E-02	5.76E-02	5.96E-02	4.21E-04	5.80E-03	0.00E+00	0.00E+00	4.70E-02
New Jersey	Morris County	34027	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	3.32E-06	5.17E-04	0.00E+00	0.00E+00	8.80E-01
New Jersey	Morris County	34027	U	Chloroform	1.07E-01	1.11E-01	1.15E-01	1.25E-01	1.25E-01	1.34E-01	1.41E-01	1.42E-01	2.76E-03	5.85E-02	0.00E+00	0.00E+00	8.30E-02
New Jersey	Morris County	34027	U	Chromium Compounds (includes Hexavalent)	1.90E-04	2.16E-04	3.04E-04	4.35E-04	4.92E-04	5.48E-04	8.94E-04	1.22E-03	2.91E-05	4.13E-04	4.66E-05	3.26E-06	0.00E+00
New Jersey	Morris County	34027	U	Chromium VI	3.68E-05	5.54E-05	6.38E-05	8.01E-05	8.01E-05	9.26E-05	1.09E-04	1.23E-04	6.94E-06	5.34E-05	1.86E-05	1.11E-06	0.00E+00
New Jersey	Morris County	34027	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	Morris County	34027	U	1,4-Dichlorobenzene	1.92E-02	2.16E-02	2.93E-02	4.10E-02	4.04E-02	5.16E-02	5.89E-02	6.22E-02	3.34E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris County	34027	U	1,3-Dichloropropene	3.67E-02	4.18E-02	5.45E-02	7.79E-02	7.73E-02	9.70E-02	1.13E-01	1.22E-01	4.54E-10	7.73E-02	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris County	34027	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	7.71E-03	2.03E-06	1.93E-06	0.00E+00	0.00E+00	7.70E-03
New Jersey	Morris County	34027	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.14E-02	6.16E-02	1.57E-04	7.89E-05	0.00E+00	0.00E+00	6.10E-02
New Jersey	Morris County	34027	U	Ethylene Oxide	1.23E-03	1.54E-03	1.91E-03	2.25E-03	2.47E-03	2.71E-03	3.25E-03	3.57E-03	2.40E-08	2.47E-03	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris County	34027	U	Formaldehyde	5.65E-01	6.14E-01	7.30E-01	9.03E-01	9.25E-01	1.09E+00	1.26E+00	1.44E+00	1.43E-02	7.74E-02	4.33E-01	1.50E-01	2.50E-01
New Jersey	Morris County	34027	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	0.00E+00	2.93E-07	0.00E+00	0.00E+00	9.30E-05
New Jersey	Morris County	34027	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.81E-03	1.82E-03	1.82E-03	1.83E-03	1.84E-03	1.84E-03	1.97E-05	2.63E-07	0.00E+00	0.00E+00	1.80E-03
New Jersey	Morris County	34027	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Morris County	34027	U	Hydrazine	4.25E-07	6.32E-07	1.89E-06	3.70E-06	4.97E-06	6.41E-06	1.16E-05	1.62E-05	4.49E-06	4.87E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Morris County	34027	U	Lead Compounds	1.96E-03	2.22E-03	3.36E-03	5.29E-03	6.68E-03	7.88E-03	1.16E-02	1.52E-02	1.42E-03	1.74E-03	0.00E+00	3.51E-03	0.00E+00
New Jersey	Morris County	34027	U	Manganese Compounds	6.41E-04	7.25E-04	7.90E-04	8.59E-04	9.83E-04	1.00E-03	1.36E-03	1.77E-03	3.34E-05	9.33E-04	1.46E-05	1.97E-06	0.00E+00
New Jersey	Morris County	34027	U	Mercury Compounds	1.59E-03	1.59E-03	1.61E-03	1.64E-03	1.64E-03	1.67E-03	1.71E-03	1.72E-03	8.82E-06	6.56E-05	5.79E-05	1.17E-05	1.50E-03
New Jersey	Morris County	34027	U	Methylene Chloride	2.41E-01	2.67E-01	2.84E-01	3.67E-01	4.15E-01	4.79E-01	5.95E-01	7.35E-01	5.68E-02	2.09E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Morris County	34027	U	Nickel Compounds	8.38E-04	8.80E-04	1.15E-03	1.76E-03	1.94E-03	2.16E-03	2.81E-03	4.18E-03	1.73E-04	1.73E-03	3.45E-05	3.84E-06	0.00E+00
New Jersey	Morris County	34027	U	Perchloroethylene	1.63E-01	1.67E-01	1.82E-01	2.13E-01	2.15E-01								

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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	Morris County	34027	U	Vinyl Chloride	2.87E-04	4.68E-04	6.72E-04	1.72E-03	1.64E-03	2.35E-03	2.93E-03	3.43E-03	1.41E-04	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Acetaldehyde	1.36E-01	1.78E-01	2.12E-01	2.58E-01	3.42E-01	3.76E-01	5.15E-01	7.12E-01	1.74E-03	6.31E-02	2.45E-01	3.25E-02	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Acrolein	4.25E-02	4.63E-02	5.40E-02	6.81E-02	7.09E-02	7.99E-02	9.23E-02	1.18E-01	6.56E-06	2.86E-02	3.20E-02	1.04E-02	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Acrylonitrile	1.73E-04	2.08E-04	2.68E-04	5.09E-04	8.19E-04	8.78E-04	1.27E-03	1.48E-03	1.22E-04	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Arsenic Compounds	2.84E-05	3.42E-05	4.44E-05	5.72E-05	8.32E-05	7.69E-05	1.42E-04	3.15E-04	2.29E-05	2.17E-05	3.11E-05	7.56E-06	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Benzene	7.75E-01	8.03E-01	8.41E-01	8.90E-01	9.64E-01	9.90E-01	1.17E+00	1.38E+00	6.09E-04	5.77E-02	2.76E-01	1.39E-01	4.80E-01	0.00E+00
New Jersey	Ocean County	34029	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34029	U	Beryllium Compounds	3.41E-06	4.06E-06	6.83E-06	9.77E-06	1.03E-05	1.26E-05	1.68E-05	2.06E-05	8.21E-08	1.02E-05	0.00E+00	6.69E-09	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	1,3-Butadiene	1.55E-02	1.75E-02	2.07E-02	2.63E-02	3.45E-02	3.65E-02	6.22E-02	8.24E-02	1.00E-06	4.82E-03	1.93E-02	1.03E-02	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Cadmium Compounds	6.61E-06	8.33E-06	1.09E-05	1.34E-05	1.72E-05	2.14E-05	3.12E-05	3.37E-05	6.26E-07	1.65E-05	0.00E+00	1.18E-08	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Carbon Disulfide	4.74E-02	4.77E-02	4.82E-02	4.89E-02	4.95E-02	5.00E-02	5.15E-02	5.39E-02	1.69E-05	2.52E-03	0.00E+00	0.00E+00	4.70E-02	0.00E+00
New Jersey	Ocean County	34029	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	3.19E-07	3.12E-04	0.00E+00	0.00E+00	8.80E-01	0.00E+00
New Jersey	Ocean County	34029	U	Chloroform	9.01E-02	9.43E-02	1.01E-01	1.10E-01	1.09E-01	1.15E-01	1.20E-01	1.25E-01	6.84E-06	2.57E-02	0.00E+00	0.00E+00	8.30E-02	0.00E+00
New Jersey	Ocean County	34029	U	Chromium Compounds (includes Hexavalent)	2.19E-05	2.51E-05	3.39E-05	4.55E-05	1.94E-04	4.20E-04	5.74E-04	6.48E-04	1.44E-04	2.40E-05	2.48E-05	1.89E-06	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Chromium VI	8.16E-06	9.79E-06	1.30E-05	1.74E-05	2.60E-05	3.36E-05	5.22E-05	7.06E-05	6.50E-06	8.98E-06	9.90E-06	6.41E-07	0.00E+00	0.00E+00
New Jersey	Ocean County	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	0.00E+00
New Jersey	Ocean County	34029	U	1,4-Dichlorobenzene	8.43E-03	1.27E-02	2.02E-02	2.86E-02	2.87E-02	3.62E-02	4.19E-02	4.48E-02	2.71E-05	2.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	1,3-Dichloropropene	1.63E-02	2.49E-02	4.03E-02	5.58E-02	5.68E-02	7.20E-02	8.36E-02	8.95E-02	2.05E-11	5.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	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	1.65E-07	6.47E-07	0.00E+00	0.00E+00	7.70E-03	0.00E+00
New Jersey	Ocean County	34029	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.14E-02	6.14E-02	3.65E-05	8.17E-05	0.00E+00	0.00E+00	6.10E-02	0.00E+00
New Jersey	Ocean County	34029	U	Ethylene Oxide	1.60E-04	2.22E-04	3.18E-04	4.88E-04	6.97E-04	8.03E-04	1.23E-03	1.93E-03	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Formaldehyde	4.49E-01	4.64E-01	5.19E-01	6.02E-01	6.48E-01	6.84E-01	8.65E-01	9.78E-01	5.85E-03	1.18E-01	2.10E-01	6.38E-02	2.50E-01	0.00E+00
New Jersey	Ocean County	34029	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	9.35E-05	9.37E-05	9.38E-05	0.00E+00	4.59E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
New Jersey	Ocean County	34029	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	9.64E-07	1.83E-07	0.00E+00	0.00E+00	1.80E-03	0.00E+00
New Jersey	Ocean County	34029	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Hydrazine	2.14E-09	4.44E-09	1.09E-08	2.58E-08	2.32E-07	7.55E-08	2.85E-07	2.34E-06	1.54E-07	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Lead Compounds	1.90E-04	2.20E-04	2.93E-04	4.61E-04	1.39E-03	2.73E-03	3.81E-03	4.54E-03	8.49E-04	2.11E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Manganese Compounds	3.36E-04	3.67E-04	4.55E-04	5.88E-04	7.54E-04	8.17E-04	1.29E-03	1.55E-03	3.07E-05	7.15E-04	7.80E-06	1.07E-06	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.58E-03	1.58E-03	1.63E-03	1.66E-03	4.44E-06	3.40E-05	3.19E-05	5.35E-06	1.50E-03	0.00E+00
New Jersey	Ocean County	34029	U	Methylene Chloride	1.87E-01	1.96E-01	2.18E-01	2.48E-01	2.59E-01	2.89E-01	3.29E-01	3.57E-01	4.92E-04	1.08E-01	0.00E+00	0.00E+00	1.50E-01	0.00E+00
New Jersey	Ocean County	34029	U	Nickel Compounds	2.57E-04	2.75E-04	3.29E-04	4.13E-04	7.20E-04	4.75E-04	9.94E-04	1.94E-03	3.20E-05	6.67E-04	1.84E-05	3.01E-06	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Perchloroethylene	1.47E-01	1.50E-01	1.56E-01	1.68E-01	1.69E-01	1.78E-01	1.89E-01	1.93E-01	2.17E-04	2.89E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00
New Jersey	Ocean County	34029	U	Polychlorinated Biphenyls	3.96E-04	3.99E-04	4.12E-04	4.32E-04	4.31E-04	4.43E-04	4.62E-04	4.70E-04	0.00E+00	5.07E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
New Jersey	Ocean County	34029	U	Polycyclic Organic Matter	1.30E-02	1.49E-02	2.20E-02	2.90E-02	2.95E-02	3.27E-02	4.26E-02	5.38E-02	4.00E-04	1.01E-02	7.58E-03	1.45E-03	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	7-PAH	5.36E-04	6.18E-04	7.86E-04	1.06E-03	1.14E-03	1.14E-03	1.47E-03	1.77E-03	1.14E-08	1.05E-03	5.21E-05	3.90E-05	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Propylene Dichloride	9.64E-06	1.16E-05	1.55E-05	2.51E-05	4.58E-05	5.13E-05	6.97E-05	1.08E-04	7.49E-06	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Quinoline	3.73E-08	5.41E-08	1.38E-07	2.15E-07	3.89E-07	4.34E-07	7.63E-07	1.33E-06	0.00E+00	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	1,1,2,2-Tetrachloroethane	6.56E-05	8.40E-05	1.11E-04	1.60E-04	3.60E-04	4.10E-04	5.17E-04	7.65E-04	6.79E-05	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Ocean County	34029	U	Trichloroethylene	8.42E-02	8.61E-02	9.03E-02	9.67E-02	9.95E-02	1.07E-01	1.19E-01	1.26E-01	1.02E-02	8.36E-03	0.00E+00	0.00E+00	8.10E-02	0.00E+00
New Jersey	Ocean County	34029	U	Vinyl Chloride	2.47E-04	2.82E-04	2.57E-03	4.08E-03	5.22E-03	6.92E-03	1.08E-02	1.25E-02	1.83E-04	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Acetaldehyde	3.54E-01	8.45E-01	1.05E+00	1.43E+00	1.61E+00	1.61E+00	2.94E+00	2.94E+00	2.59E-02	2.01E-01	1.22E+00	1.54E-01	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Acrolein	8.41E-02	1.31E-01	1.75E-01	2.16E-01	2.11E-01	2.56E-01	2.80E-01	2.98E-01	2.19E-04	6.23E-02	1.16E-01	3.22E-02	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Acrylonitrile	7.69E-04	9.08E-04	1.36E-03	1.59E-03	1.62E-03	1.86E-03	2.20E-03	2.54E-03	1.41E-04	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Arsenic Compounds	1.09E-04	1.43E-04	1.94E-04	2.99E-04	2.89E-04	3.70E-04	4.42E-04	4.77E-04	2.60E-05	1.07E-04	1.21E-04	3.58E-05	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Benzene	9.73E-01	1.33E+00	1.54E+00	2.02E+00	2.09E+00	2.37E+00	3.27E+00	3.59E+00	3.49E-03	1.34E-01	1.17E+00	3.03E-01	4.80E-01	0.00E+00
New Jersey	Passaic County	34031	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34031	U	Beryllium Compounds	1.72E-05	2.01E-05	3.05E-05	4.78E-05	4.80E-05	6.38E-05	7.97E-05	9.12E-05	2.99E-07	4.74E-05	0.00E+00	2.76E-07	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	1,3-Butadiene	3.16E-02	4.71E-02	6.81E-02	1.28E-01	1.47E-01	1.78E-01	3.25E-01	3.64E-01	3.59E-05	8.49E-03	1.08E-01	3.09E-02	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Cadmium Compounds	2.67E-05	3.25E-05	5.20E-05	7.27E-05	7.35E-05	9.39E-05	1.13E-04	1.24E-04	4.30E-06	6.89E-05	0.00E+00	2.82E-07	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Carbon Disulfide	4.89E-02	5.35E-02	6.68E-02	7.14E-02	7.68E-02	8.62E-02	1.07E-01	9.51E-04	2.88E-02	0.00E+00	0.00E+00	4.70E-02	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Carbon Tetrachloride	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.83E-01	6.16E-06	1.59E-03	0.00E+00	0.00E+00	8.80E-01	0.00E+00
New Jersey	Passaic County	34031	U	Chloroform	1.04E-01	1.22E-01	1.40E-01	1.74E-01	1.73E-01	2.03E-01	2.19E-01	2.36E-01	7.44E-04	8.95E-02	0.00E+00	0.00E+00	8.30E-02	0.00E+00
New Jersey	Passaic County	34031	U	Chromium Compounds (includes Hexavalent)	1.83E-04	2.67E-04	3.74E-04	4.98E-04	5.25E-04	6.49E-04	8.07E-04	9.25E-04	5.24E-05	3.58E-04	1.09E-04	4.97E-06	0.00E+00	0.00E+00
New Jersey	Passaic County	34031	U	Chromium VI	4.13E-05	5.71E-05	8.97E-05											

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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	Passaic County	34031	U	Hydrazine	1.74E-07	5.29E-07	6.60E-06	8.64E-06	8.28E-06	1.09E-05	1.30E-05	1.38E-05	4.68E-06	3.60E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Passaic County	34031	U	Lead Compounds	3.17E-03	4.44E-03	5.27E-03	6.17E-03	7.01E-03	8.69E-03	1.01E-02	1.09E-02	1.14E-03	1.98E-03	0.00E+00	3.88E-03	0.00E+00	
New Jersey	Passaic County	34031	U	Manganese Compounds	9.13E-04	9.41E-04	9.98E-04	1.17E-03	1.39E-03	1.79E-03	1.79E-03	2.44E-03	4.34E-05	1.30E-03	3.51E-05	3.90E-06	0.00E+00	
New Jersey	Passaic County	34031	U	Mercury Compounds	1.62E-03	1.67E-03	1.73E-03	1.79E-03	1.80E-03	1.86E-03	1.96E-03	2.01E-03	1.41E-05	1.47E-04	1.14E-04	2.79E-05	1.50E-03	
New Jersey	Passaic County	34031	U	Methylene Chloride	2.63E-01	4.38E-01	6.46E-01	8.01E-01	8.59E-01	1.04E+00	1.38E+00	1.68E+00	4.07E-02	6.68E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Passaic County	34031	U	Nickel Compounds	5.12E-04	1.14E-03	1.66E-03	1.98E-03	2.03E-03	2.38E-03	3.09E-03	3.38E-03	6.12E-05	1.88E-03	8.08E-05	8.26E-06	0.00E+00	
New Jersey	Passaic County	34031	U	Perchloroethylene	2.06E-01	2.41E-01	3.02E-01	3.77E-01	3.86E-01	4.38E-01	5.81E-01	6.84E-01	5.14E-04	2.46E-01	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Passaic County	34031	U	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.85E-04	3.87E-04	3.88E-04	3.88E-04	3.94E-04	4.05E-04	7.40E-10	8.23E-06	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Passaic County	34031	U	Polycyclic Organic Matter	4.09E-02	6.95E-02	9.83E-02	1.52E-01	1.44E-01	1.86E-01	2.08E-01	2.22E-01	3.57E-04	1.04E-01	3.29E-02	7.01E-03	0.00E+00	
New Jersey	Passaic County	34031	U	7-PAH	6.79E-04	6.91E-04	7.49E-04	8.10E-04	8.24E-04	8.56E-04	9.84E-04	1.04E-03	1.22E-06	5.49E-04	2.12E-04	6.23E-05	0.00E+00	
New Jersey	Passaic County	34031	U	Propylene Dichloride	3.63E-05	4.97E-05	8.20E-05	9.89E-05	1.08E-04	1.33E-04	1.60E-04	1.81E-04	1.37E-05	9.41E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Passaic County	34031	U	Quinoline	3.17E-07	1.25E-06	4.32E-06	5.67E-06	7.13E-06	8.82E-06	1.32E-05	1.65E-05	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Passaic County	34031	U	1,1,2,2-Tetrachloroethane	2.68E-04	2.75E-04	2.98E-04	3.22E-04	3.24E-04	3.45E-04	3.85E-04	4.00E-04	8.12E-05	2.43E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Passaic County	34031	U	Trichloroethylene	9.71E-02	1.08E-01	1.30E-01	1.56E-01	2.43E-01	2.09E-01	2.84E-01	3.30E-01	1.02E-01	5.99E-02	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Passaic County	34031	U	Vinyl Chloride	1.70E-03	2.44E-03	3.74E-03	4.31E-03	4.17E-03	4.86E-03	5.77E-03	5.89E-03	2.14E-04	3.96E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Acetaldehyde	2.10E-01	2.48E-01	2.99E-01	4.57E-01	5.93E-01	9.10E-01	1.24E+00	1.31E+00	5.24E-03	4.80E-02	4.32E-01	1.07E-01	0.00E+00	
New Jersey	Salem County	34033	U	Acrolein	4.08E-02	4.57E-02	5.17E-02	6.21E-02	7.30E-02	1.01E-01	1.16E-01	1.16E-01	3.62E-03	8.55E-03	4.83E-02	1.26E-02	0.00E+00	
New Jersey	Salem County	34033	U	Acrylonitrile	4.60E-04	4.74E-04	6.28E-04	1.19E-03	1.19E-03	1.39E-03	2.09E-03	2.58E-03	4.70E-04	7.24E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Arsenic Compounds	5.76E-05	8.79E-05	1.09E-04	1.49E-04	1.78E-04	2.76E-04	3.34E-04	3.31E-04	8.80E-05	2.95E-05	4.72E-05	1.30E-05	0.00E+00	
New Jersey	Salem County	34033	U	Benzene	8.25E-01	8.39E-01	8.75E-01	1.06E+00	1.17E+00	1.41E+00	1.71E+00	1.76E+00	5.15E-02	1.03E-01	3.97E-01	1.43E-01	4.80E-01	
New Jersey	Salem County	34033	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34033	U	Beryllium Compounds	6.85E-06	9.88E-06	1.28E-05	1.90E-05	2.20E-05	2.80E-05	4.78E-05	4.89E-05	5.55E-06	1.63E-05	0.00E+00	1.80E-07	0.00E+00	
New Jersey	Salem County	34033	U	1,3-Butadiene	9.79E-03	9.80E-03	1.36E-02	2.32E-02	3.58E-02	4.41E-02	7.72E-02	8.74E-02	6.49E-04	8.78E-04	2.63E-02	7.94E-03	0.00E+00	
New Jersey	Salem County	34033	U	Cadmium Compounds	4.34E-05	4.89E-05	6.04E-05	7.48E-05	8.43E-05	1.17E-04	1.29E-04	1.30E-04	6.19E-05	2.14E-05	0.00E+00	9.44E-07	0.00E+00	
New Jersey	Salem County	34033	U	Carbon Disulfide	5.08E-02	5.12E-02	5.27E-02	5.50E-02	5.85E-02	6.13E-02	7.16E-02	7.23E-02	4.44E-03	7.07E-03	0.00E+00	0.00E+00	4.70E-02	
New Jersey	Salem County	34033	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	3.01E-04	0.00E+00	0.00E+00	8.80E-01	
New Jersey	Salem County	34033	U	Chloroform	8.80E-02	8.95E-02	9.41E-02	1.01E-01	1.01E-01	1.07E-01	1.10E-01	1.24E-01	9.59E-04	1.72E-02	0.00E+00	0.00E+00	8.30E-02	
New Jersey	Salem County	34033	U	Chromium Compounds (includes Hexavalent)	4.08E-04	5.54E-04	8.24E-04	1.42E-03	2.38E-03	3.42E-03	5.78E-03	6.21E-03	5.41E-04	1.79E-03	3.80E-05	4.63E-06	0.00E+00	
New Jersey	Salem County	34033	U	Chromium VI	1.16E-04	1.19E-04	1.83E-04	3.09E-04	6.23E-04	8.61E-04	1.66E-03	1.81E-03	2.98E-05	5.77E-04	1.52E-05	1.57E-06	0.00E+00	
New Jersey	Salem County	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 County	34033	U	1,4-Dichlorobenzene	1.34E-02	1.44E-02	1.99E-02	3.19E-02	3.14E-02	3.98E-02	4.30E-02	6.14E-02	6.01E-03	2.54E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	1,3-Dichloropropene	1.70E-02	2.31E-02	2.91E-02	5.16E-02	4.88E-02	5.65E-02	7.16E-02	1.10E-01	2.99E-06	4.88E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.74E-06	0.00E+00	0.00E+00	7.70E-03	
New Jersey	Salem County	34033	U	Ethylene Dichloride	6.15E-02	6.19E-02	6.40E-02	6.56E-02	6.61E-02	6.99E-02	7.05E-02	7.06E-02	4.36E-03	7.53E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Salem County	34033	U	Ethylene Oxide	2.83E-03	3.30E-03	4.73E-03	1.27E-02	1.58E-02	2.37E-02	3.26E-02	3.64E-02	1.34E-02	2.38E-03	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Formaldehyde	5.89E-01	6.39E-01	7.10E-01	9.40E-01	1.32E+00	1.58E+00	2.00E+00	2.49E+00	4.41E-01	8.21E-02	3.78E-01	1.66E-01	2.50E-01	
New Jersey	Salem County	34033	U	Hexachlorobenzene	9.34E-05	9.35E-05	9.37E-05	9.40E-05	9.41E-05	9.48E-05	9.49E-05	9.51E-05	0.00E+00	1.14E-06	0.00E+00	0.00E+00	9.30E-05	
New Jersey	Salem County	34033	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	8.46E-07	0.00E+00	0.00E+00	1.80E-03	
New Jersey	Salem County	34033	U	Hexamethylene Diisocyanate	1.76E-04	1.98E-04	2.59E-04	4.30E-04	1.19E-03	1.55E-03	4.55E-03	4.91E-03	1.19E-03	1.05E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Hydrazine	2.84E-08	9.47E-08	1.99E-07	2.43E-07	6.70E-07	9.23E-07	1.68E-06	2.06E-06	1.46E-07	5.24E-07	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Lead Compounds	7.46E-04	8.89E-04	9.94E-04	1.26E-03	1.64E-03	2.10E-03	2.76E-03	3.40E-03	5.37E-04	4.07E-04	0.00E+00	6.98E-04	0.00E+00	
New Jersey	Salem County	34033	U	Manganese Compounds	5.85E-04	8.20E-04	9.20E-04	1.38E-03	2.37E-03	3.26E-03	5.86E-03	6.23E-03	2.56E-04	2.09E-03	1.18E-05	8.75E-06	0.00E+00	
New Jersey	Salem County	34033	U	Mercury Compounds	1.79E-03	1.84E-03	1.99E-03	2.14E-03	2.26E-03	2.41E-03	2.68E-03	3.02E-03	5.43E-05	6.49E-04	4.82E-05	1.33E-05	1.50E-03	
New Jersey	Salem County	34033	U	Methylene Chloride	2.01E-01	2.05E-01	2.25E-01	2.93E-01	2.85E-01	3.34E-01	3.42E-01	3.94E-01	1.08E-02	1.25E-01	0.00E+00	0.00E+00	1.50E-01	
New Jersey	Salem County	34033	U	Nickel Compounds	7.49E-04	1.24E-03	1.63E-03	2.23E-03	2.63E-03	3.79E-03	4.98E-03	5.12E-03	1.74E-03	6.80E-04	2.81E-05	1.86E-04	0.00E+00	
New Jersey	Salem County	34033	U	Perchloroethylene	1.54E-01	1.57E-01	1.63E-01	1.68E-01	1.71E-01	1.77E-01	1.94E-01	1.98E-01	2.88E-05	3.08E-02	0.00E+00	0.00E+00	1.40E-01	
New Jersey	Salem County	34033	U	Polychlorinated Biphenyls	4.00E-04	4.01E-04	4.13E-04	4.41E-04	4.45E-04	4.73E-04	4.98E-04	5.10E-04	2.68E-08	6.53E-05	0.00E+00	0.00E+00	3.80E-04	
New Jersey	Salem County	34033	U	Polycyclic Organic Matter	1.97E-02	2.30E-02	2.80E-02	4.25E-02	5.23E-02	7.22E-02	9.65E-02	1.07E-01	7.47E-03	3.07E-02	1.17E-02	2.45E-03	0.00E+00	
New Jersey	Salem County	34033	U	7-PAH	3.46E-04	4.10E-04	4.94E-04	7.39E-04	7.39E-04	9.26E-04	1.11E-03	1.19E-03	8.54E-06	5.92E-04	7.92E-05	5.97E-05	0.00E+00	
New Jersey	Salem County	34033	U	Propylene Dichloride	1.18E-05	1.24E-05	1.89E-05	3.52E-05	4.65E-05	6.54E-05	9.74E-05	1.23E-04	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Quinoline	2.83E-07	3.69E-07	4.60E-07	8.59E-07	1.85E-06	2.16E-06	4.56E-06	5.46E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	1,1,2,2-Tetrachloroethane	6.48E-05	7.16E-05	9.63E-05	2.01E-04	2.48E-04	2.69E-04	5.47E-04	5.99E-04	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Salem County	34033	U	Trichloroethylene	8.44E-02	8.48E-02	8.79E-02	8.96E-02	9.22E-02	9.46E-02	1.04E-01	1.05E-01	1.88E-03	9.36E-03	0.00E+00	0.00E+00	8.10E-02	
New Jersey	Salem County	34033	U	Vinyl Chloride	2.72E-02	3.00E-02	4.23E-02	6.85E-02	7.72E-02	7.80E-02	8.87E-02	1.03E-01	5.93E-02	1.79E-02	0.00E+00	0.00E+00	0.00E+00	
New Jersey	Somerset County	34035	U	Acetaldehyde	4.27E-01	4.51E-01	5.06E-01	6.03E-01	6.39E-01	7.54E-01	8.66E-01	9.36E-01	9.39E-03	9.82E-02	4.60E-01	7.06E-02	0.00E+00	
New Jersey	Somerset County	34035	U	Acrolein	6.59E-02	7.02E-02	7.42E-02	8.84E-02	9.03E-02	9.65E-02	1.20E-01	1.34E-01	2.13E-04	1.60E-02	5.69E-02	1.72E-02	0.00E+00	
New Jersey	Somerset County	34035	U	Acrylonitrile	4.41E-04	5.12E-04	7.12E-04	9.25E-04	1.31E-03	1.27E-								

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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	Somerset County	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	5.21E-06	5.47E-04	0.00E+00	0.00E+00	8.80E-01		
New Jersey	Somerset County	34035	U	Chloroform	1.08E-01	1.11E-01	1.16E-01	1.21E-01	1.25E-01	1.30E-01	1.47E-01	1.55E-01	1.94E-03	4.04E-02	0.00E+00	0.00E+00	8.30E-02		
New Jersey	Somerset County	34035	U	Chromium Compounds (includes Hexavalent)	3.51E-04	3.67E-04	4.17E-04	7.10E-04	8.97E-04	8.59E-04	1.31E-03	1.67E-03	1.71E-04	5.80E-04	4.38E-05	2.95E-06	0.00E+00		
New Jersey	Somerset County	34035	U	Chromium VI	8.82E-05	9.20E-05	1.15E-04	1.46E-04	2.20E-04	1.72E-04	3.18E-04	4.23E-04	2.22E-05	1.80E-04	1.75E-05	1.00E-06	0.00E+00		
New Jersey	Somerset County	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 County	34035	U	1,4-Dichlorobenzene	2.30E-02	2.82E-02	3.33E-02	4.10E-02	4.57E-02	5.17E-02	7.03E-02	8.34E-02	7.41E-04	4.50E-02	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	1,3-Dichloropropene	4.28E-02	5.32E-02	6.26E-02	7.72E-02	8.72E-02	9.91E-02	1.34E-01	1.61E-01	1.23E-09	8.72E-02	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	4.50E-06	2.27E-06	0.00E+00	0.00E+00	7.70E-03		
New Jersey	Somerset County	34035	U	Ethylene Dichloride	6.12E-02	6.13E-02	6.14E-02	6.14E-02	6.15E-02	6.15E-02	6.15E-02	6.16E-02	6.17E-02	3.34E-04	1.35E-04	0.00E+00	0.00E+00	6.10E-02	
New Jersey	Somerset County	34035	U	Ethylene Oxide	1.12E-03	1.21E-03	1.46E-03	1.61E-03	1.82E-03	1.96E-03	2.86E-03	3.13E-03	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	Formaldehyde	6.96E-01	7.32E-01	7.86E-01	8.84E-01	8.94E-01	9.87E-01	1.09E+00	1.16E+00	1.50E-02	8.11E-02	3.94E-01	1.54E-01	2.50E-01		
New Jersey	Somerset County	34035	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	9.35E-05	0.00E+00	3.06E-07	0.00E+00	9.30E-05		
New Jersey	Somerset County	34035	U	Hexachlorobutadiene	1.83E-03	1.83E-03	1.83E-03	1.84E-03	1.84E-03	1.85E-03	1.86E-03	1.86E-03	1.86E-03	4.34E-05	2.82E-07	0.00E+00	0.00E+00	1.80E-03	
New Jersey	Somerset County	34035	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-09	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	Hydrazine	3.39E-06	5.35E-06	8.49E-06	1.78E-05	4.56E-05	5.98E-05	1.52E-04	1.72E-04	4.46E-05	9.05E-07	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	Lead Compounds	3.80E-03	4.16E-03	4.74E-03	5.29E-03	6.43E-03	7.63E-03	8.86E-03	1.06E-02	3.20E-03	1.10E-03	0.00E+00	2.12E-03	0.00E+00		
New Jersey	Somerset County	34035	U	Manganese Compounds	6.49E-04	7.78E-04	9.03E-04	1.08E-03	1.38E-03	1.51E-03	1.82E-03	3.19E-03	5.73E-05	1.31E-03	1.36E-05	2.05E-06	0.00E+00		
New Jersey	Somerset County	34035	U	Mercury Compounds	1.61E-03	1.63E-03	1.65E-03	1.67E-03	1.67E-03	1.70E-03	1.72E-03	1.73E-03	1.26E-05	9.12E-05	5.75E-05	1.31E-05	1.50E-03		
New Jersey	Somerset County	34035	U	Methylene Chloride	2.97E-01	3.09E-01	3.74E-01	4.33E-01	4.80E-01	5.78E-01	7.04E-01	7.97E-01	4.87E-02	2.81E-01	0.00E+00	0.00E+00	1.50E-01		
New Jersey	Somerset County	34035	U	Nickel Compounds	6.38E-04	7.23E-04	9.06E-04	1.02E-03	1.10E-03	1.33E-03	1.52E-03	1.58E-03	1.76E-04	8.83E-04	3.25E-05	5.98E-06	0.00E+00		
New Jersey	Somerset County	34035	U	Perchloroethylene	1.80E-01	1.86E-01	1.93E-01	2.13E-01	2.14E-01	2.30E-01	2.45E-01	2.60E-01	6.52E-04	7.37E-02	0.00E+00	0.00E+00	1.40E-01		
New Jersey	Somerset County	34035	U	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.97E-04	4.03E-04	4.04E-04	4.10E-04	4.14E-04	4.19E-04	5.98E-10	2.42E-05	0.00E+00	0.00E+00	3.80E-04		
New Jersey	Somerset County	34035	U	Polycyclic Organic Matter	3.67E-02	4.04E-02	4.49E-02	5.45E-02	5.67E-02	6.42E-02	7.78E-02	8.89E-02	9.69E-04	3.85E-02	1.35E-02	3.72E-03	0.00E+00		
New Jersey	Somerset County	34035	U	7-PAH	3.12E-04	3.27E-04	3.61E-04	4.06E-04	4.22E-04	4.76E-04	5.22E-04	5.80E-04	1.25E-06	2.91E-04	9.31E-05	3.68E-05	0.00E+00		
New Jersey	Somerset County	34035	U	Propylene Dichloride	1.84E-02	1.92E-02	2.24E-02	2.90E-02	3.03E-02	3.54E-02	4.24E-02	4.68E-02	3.02E-02	5.19E-05	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	Quinoline	5.03E-07	5.56E-07	8.20E-07	1.38E-06	1.82E-06	1.82E-06	3.63E-06	3.99E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	1,1,2,2-Tetrachloroethane	9.79E-05	1.22E-04	2.01E-04	2.60E-04	4.58E-04	3.76E-04	4.41E-04	6.27E-04	1.62E-04	2.96E-04	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Somerset County	34035	U	Trichloroethylene	1.01E-01	1.02E-01	1.08E-01	1.16E-01	1.20E-01	1.24E-01	1.41E-01	1.61E-01	5.32E-03	3.41E-02	0.00E+00	0.00E+00	8.10E-02		
New Jersey	Somerset County	34035	U	Vinyl Chloride	7.13E-04	8.49E-04	1.11E-03	1.82E-03	2.45E-03	3.07E-03	3.71E-03	4.21E-03	4.28E-04	2.02E-03	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Sussex County	34037	U	Acetaldehyde	1.00E-01	1.23E-01	1.84E-01	2.47E-01	2.74E-01	3.17E-01	3.56E-01	5.98E-01	1.19E-04	4.18E-02	2.12E-01	2.05E-02	0.00E+00		
New Jersey	Sussex County	34037	U	Acrolein	2.61E-02	2.94E-02	3.73E-02	5.04E-02	4.75E-02	5.73E-02	6.09E-02	6.60E-02	1.36E-06	1.57E-02	2.64E-02	5.40E-03	0.00E+00		
New Jersey	Sussex County	34037	U	Acrylonitrile	1.47E-04	1.64E-04	3.52E-04	4.32E-04	4.42E-04	5.43E-04	6.89E-04	7.63E-04	8.79E-05	3.54E-04	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Sussex County	34037	U	Arsenic Compounds	3.13E-05	3.98E-05	4.99E-05	6.77E-05	6.92E-05	8.72E-05	9.34E-05	1.05E-04	1.97E-05	1.54E-05	2.90E-05	5.14E-06	0.00E+00		
New Jersey	Sussex County	34037	U	Benzene	6.64E-01	6.88E-01	7.47E-01	8.12E-01	8.25E-01	8.63E-01	9.40E-01	1.08E+00	3.51E-04	8.06E-02	1.98E-01	6.58E-02	4.80E-01		
New Jersey	Sussex County	34037	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Sussex County	34037	U	Beryllium Compounds	3.26E-06	4.45E-06	5.70E-06	7.44E-06	7.89E-06	9.76E-06	1.20E-05	1.35E-05	1.39E-06	6.46E-06	0.00E+00	3.71E-08	0.00E+00		
New Jersey	Sussex County	34037	U	1,3-Butadiene	8.07E-03	1.00E-02	1.28E-02	1.52E-02	1.92E-02	1.95E-02	2.64E-02	4.64E-02	0.00E+00	2.30E-03	1.23E-02	4.65E-03	0.00E+00		
New Jersey	Sussex County	34037	U	Cadmium Compounds	3.85E-06	5.45E-06	6.73E-06	9.94E-06	9.97E-06	1.18E-05	1.55E-05	1.71E-05	1.54E-06	8.39E-06	0.00E+00	3.71E-08	0.00E+00		
New Jersey	Sussex County	34037	U	Carbon Disulfide	4.74E-02	4.75E-02	4.79E-02	4.83E-02	4.82E-02	4.86E-02	4.87E-02	4.89E-02	2.63E-05	1.20E-03	0.00E+00	0.00E+00	4.70E-02		
New Jersey	Sussex County	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	1.68E-07	1.72E-04	0.00E+00	0.00E+00	8.80E-01		
New Jersey	Sussex County	34037	U	Chloroform	8.88E-02	9.14E-02	9.44E-02	1.00E-01	1.00E-01	1.05E-01	1.09E-01	1.11E-01	4.98E-03	1.21E-02	0.00E+00	0.00E+00	8.30E-02		
New Jersey	Sussex County	34037	U	Chromium Compounds (includes Hexavalent)	2.61E-05	3.37E-05	4.99E-05	6.72E-05	7.29E-05	9.34E-05	1.26E-04	1.37E-04	6.19E-06	4.66E-05	1.93E-05	8.61E-07	0.00E+00		
New Jersey	Sussex County	34037	U	Chromium VI	6.40E-06	8.93E-06	1.17E-05	1.56E-05	1.80E-05	2.22E-05	3.31E-05	3.60E-05	6.85E-07	9.23E-06	7.75E-06	2.93E-07	0.00E+00		
New Jersey	Sussex County	34037	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	Sussex County	34037	U	1,4-Dichlorobenzene	6.63E-03	8.51E-03	1.00E-02	1.50E-02	1.66E-02	2.23E-02	2.59E-02	3.01E-02	8.12E-06	1.66E-02	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Sussex County	34037	U	1,3-Dichloropropene	1.27E-02	1.63E-02	1.91E-02	2.89E-02	3.24E-02	4.40E-02	5.11E-02	5.96E-02	2.65E-11	3.24E-02	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Sussex County	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	4.91E-08	7.88E-07	0.00E+00	0.00E+00	7.70E-03		
New Jersey	Sussex County	34037	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.19E-05	4.56E-05	0.00E+00	0.00E+00	6.10E-02		
New Jersey	Sussex County	34037	U	Ethylene Oxide	2.33E-04	3.17E-04	4.78E-04	8.23E-04	9.02E-04	1.25E-03	1.63E-03	1.71E-03	4.22E-09	9.02E-04	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Sussex County	34037	U	Formaldehyde	3.73E-01	4.02E-01	4.61E-01	5.07E-01	5.35E-01	5.65E-01	6.20E-01	7.96E-01	5.68E-04	5.39E-02	1.86E-01	4.38E-02	2.50E-01		
New Jersey	Sussex County	34037	U	Hexachlorobenzene	9.34E-05	9.35E-05	9.35E-05	9.38E-05	9.38E-05	9.40E-05	9.45E-05	9.47E-05	0.00E+00	8.46E-07	0.00E+00	0.00E+00	9.30E-05		
New Jersey	Sussex County	34037	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	9.43E-08	0.00E+00	0.00E+00	1.80E-03		
New Jersey	Sussex County	34037	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Sussex County	34037	U	Hydrazine	2.11E-09	2.59E-09	5.56E-09	7.24E-09	1.20E-07	4.54E-08	6.07E-07	6.71E-07	1.04E-07	1.60E-08	0.00E+00	0.00E+00	0.00E+00		
New Jersey	Sussex County	34037	U	Lead Compounds	3.59E-04	4.43E-04	6.99E-04	9.23E-04	1.05E-03	1.21E-03	1.82E-03	1.95E-03	4.43E-05	6.55E-04	0.00E+00	3.49E-04	0.00E+00		
New Jersey	Sussex County	34037	U	Manganese Compounds	1.91E-04	2.60E-04	3.24E-04	4.04E-04	4.29E-04	5.24E-04	6.45E-04	7.21E-04	1.92E-05	4.03E-04	6.05E-06	5.90E-07	0.00E+00		
New Jersey	Sussex County	34037	U	Mercury															

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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	Sussex County	34037	U	Quinoline	5.24E-08	7.18E-08	1.15E-07	1.51E-07	1.64E-07	2.18E-07	2.45E-07	2.77E-07	0.00E+00	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex County	34037	U	1,1,2,2-Tetrachloroethane	4.23E-05	4.98E-05	1.45E-04	1.86E-04	1.86E-04	2.32E-04	2.78E-04	3.72E-04	4.88E-05	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Sussex County	34037	U	Trichloroethylene	8.43E-02	8.64E-02	9.37E-02	9.91E-02	1.61E-01	1.11E-01	1.59E-01	2.80E-01	5.54E-02	2.42E-02	0.00E+00	0.00E+00	0.00E+00	8.10E-02
New Jersey	Sussex County	34037	U	Vinyl Chloride	2.00E-04	2.59E-04	5.17E-04	6.31E-04	6.85E-04	8.48E-04	1.17E-03	1.23E-03	1.20E-04	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Acetaldehyde	8.03E-01	8.43E-01	1.04E+00	1.31E+00	1.47E+00	1.76E+00	2.14E+00	2.67E+00	5.96E-02	1.25E-01	1.09E+00	1.96E-01	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Acrolein	1.47E-01	1.52E-01	1.78E-01	2.31E-01	2.44E-01	2.89E-01	3.54E-01	3.76E-01	5.13E-04	6.29E-02	1.26E-01	5.42E-02	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Acrylonitrile	7.98E-04	8.65E-04	1.07E-03	1.82E-03	2.13E-03	2.43E-03	3.14E-03	3.64E-03	4.85E-04	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Arsenic Compounds	1.74E-04	1.89E-04	2.10E-04	2.97E-04	3.08E-04	3.79E-04	4.57E-04	5.11E-04	4.71E-05	1.03E-04	1.19E-04	3.89E-05	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Benzene	1.42E+00	1.45E+00	1.60E+00	1.97E+00	2.10E+00	2.49E+00	2.94E+00	3.50E+00	1.55E-02	2.25E-01	1.10E+00	2.80E-01	4.80E-01	0.00E+00
New Jersey	Union County	34039	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34039	U	Beryllium Compounds	2.39E-05	2.67E-05	3.19E-05	4.40E-05	4.53E-05	5.61E-05	6.57E-05	7.20E-05	8.40E-07	4.37E-05	0.00E+00	7.04E-07	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	1,3-Butadiene	5.14E-02	5.51E-02	7.22E-02	1.01E-01	1.26E-01	1.66E-01	2.16E-01	3.01E-01	3.28E-04	1.09E-02	8.40E-02	3.06E-02	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Cadmium Compounds	5.30E-05	5.47E-05	6.33E-05	8.33E-05	8.23E-05	1.00E-04	1.11E-04	1.16E-04	1.12E-05	7.04E-05	0.00E+00	7.29E-07	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Carbon Disulfide	5.48E-02	5.50E-02	5.68E-02	6.91E-02	7.42E-02	7.88E-02	9.57E-02	1.16E-01	1.38E-02	1.35E-02	0.00E+00	0.00E+00	0.00E+00	4.70E-02
New Jersey	Union County	34039	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.83E-01	2.04E-05	1.53E-03	0.00E+00	0.00E+00	8.80E-01	0.00E+00
New Jersey	Union County	34039	U	Chloroform	1.39E-01	1.43E-01	1.51E-01	1.71E-01	1.75E-01	1.89E-01	2.23E-01	2.25E-01	3.73E-04	9.21E-02	0.00E+00	0.00E+00	8.30E-02	0.00E+00
New Jersey	Union County	34039	U	Chromium Compounds (includes Hexavalent)	4.49E-04	4.55E-04	4.78E-04	5.42E-04	5.58E-04	6.23E-04	6.69E-04	7.06E-04	1.53E-04	2.94E-04	1.07E-04	4.51E-06	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Chromium VI	1.14E-04	1.20E-04	1.32E-04	1.65E-04	1.66E-04	1.93E-04	2.12E-04	2.30E-04	4.21E-05	8.02E-05	4.28E-05	1.53E-06	0.00E+00	0.00E+00
New Jersey	Union County	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	0.00E+00
New Jersey	Union County	34039	U	1,4-Dichlorobenzene	5.94E-02	6.18E-02	7.21E-02	9.50E-02	1.00E-01	1.19E-01	1.57E-01	1.65E-01	2.17E-03	9.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	1,3-Dichloropropene	1.10E-01	1.15E-01	1.33E-01	1.76E-01	1.89E-01	2.26E-01	3.00E-01	3.18E-01	3.41E-09	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Ethylene Dibromide	7.71E-03	7.71E-03	7.71E-03	7.72E-03	7.72E-03	7.72E-03	7.73E-03	7.74E-03	1.29E-05	5.99E-06	0.00E+00	0.00E+00	7.70E-03	0.00E+00
New Jersey	Union County	34039	U	Ethylene Dichloride	6.14E-02	6.14E-02	6.14E-02	6.15E-02	6.18E-02	6.18E-02	6.18E-02	6.25E-02	5.60E-04	2.25E-04	0.00E+00	0.00E+00	6.10E-02	0.00E+00
New Jersey	Union County	34039	U	Ethylene Oxide	3.22E-03	3.48E-03	4.28E-03	5.64E-03	6.47E-03	7.77E-03	8.56E-03	1.23E-02	2.40E-08	6.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Formaldehyde	1.12E+00	1.14E+00	1.28E+00	1.63E+00	1.77E+00	2.12E+00	2.55E+00	3.11E+00	6.36E-02	9.14E-02	9.37E-01	4.30E-01	2.50E-01	0.00E+00
New Jersey	Union County	34039	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	0.00E+00	2.94E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
New Jersey	Union County	34039	U	Hexachlorobutadiene	1.84E-03	1.85E-03	1.87E-03	1.90E-03	1.93E-03	1.97E-03	2.06E-03	2.11E-03	1.27E-04	7.03E-07	0.00E+00	0.00E+00	1.80E-03	0.00E+00
New Jersey	Union County	34039	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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 County	34039	U	Hydrazine	2.80E-05	3.23E-05	3.83E-05	4.46E-05	6.82E-05	6.98E-05	1.40E-04	2.09E-04	6.21E-05	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Lead Compounds	8.53E-03	8.95E-03	1.03E-02	1.25E-02	1.28E-02	1.48E-02	1.61E-02	1.78E-02	7.62E-03	1.83E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Manganese Compounds	1.14E-03	1.26E-03	1.49E-03	1.70E-03	2.40E-03	1.99E-03	4.15E-03	6.06E-03	9.17E-05	2.27E-03	3.37E-05	4.16E-06	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Mercury Compounds	1.70E-03	1.71E-03	1.73E-03	1.82E-03	1.84E-03	1.90E-03	2.02E-03	2.07E-03	9.98E-05	1.63E-04	1.13E-04	3.16E-05	1.50E-03	0.00E+00
New Jersey	Union County	34039	U	Methylene Chloride	4.76E-01	4.94E-01	5.33E-01	6.34E-01	6.68E-01	7.62E-01	8.80E-01	1.03E+00	4.54E-02	4.72E-01	0.00E+00	0.00E+00	1.50E-01	0.00E+00
New Jersey	Union County	34039	U	Nickel Compounds	1.54E-03	1.60E-03	1.82E-03	2.18E-03	2.34E-03	2.75E-03	3.31E-03	3.51E-03	1.25E-04	2.12E-03	7.88E-05	1.28E-05	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Perchloroethylene	2.74E-01	2.84E-01	3.13E-01	3.56E-01	3.58E-01	4.06E-01	4.28E-01	4.42E-01	2.42E-03	2.16E-01	0.00E+00	0.00E+00	1.40E-01	0.00E+00
New Jersey	Union County	34039	U	Polychlorinated Biphenyls	3.81E-04	3.82E-04	3.82E-04	3.84E-04	3.85E-04	3.88E-04	3.91E-04	3.91E-04	3.40E-09	5.00E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00
New Jersey	Union County	34039	U	Polycyclic Organic Matter	8.48E-02	8.96E-02	1.03E-01	1.43E-01	1.54E-01	1.97E-01	2.45E-01	2.64E-01	1.33E-03	1.09E-01	3.23E-02	1.14E-02	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	7-PAH	3.75E-04	3.91E-04	4.39E-04	5.14E-04	5.45E-04	6.36E-04	7.26E-04	8.10E-04	5.01E-06	2.69E-04	2.09E-04	6.19E-05	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Propylene Dichloride	9.04E-05	1.02E-04	1.24E-04	1.20E-02	7.46E-03	1.39E-02	1.63E-02	1.72E-02	7.39E-03	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Quinoline	1.13E-06	1.24E-06	1.58E-06	2.17E-06	2.61E-06	2.99E-06	5.15E-06	5.91E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	1,1,2,2-Tetrachloroethane	1.80E-04	2.25E-04	2.94E-04	5.26E-04	7.58E-04	7.36E-04	1.11E-03	1.83E-03	2.85E-04	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Union County	34039	U	Trichloroethylene	1.23E-01	1.26E-01	1.33E-01	1.46E-01	1.49E-01	1.58E-01	1.82E-01	1.90E-01	1.15E-02	5.70E-02	0.00E+00	0.00E+00	8.10E-02	0.00E+00
New Jersey	Union County	34039	U	Vinyl Chloride	3.88E-03	4.10E-03	5.57E-03	8.78E-03	1.10E-02	1.15E-02	1.87E-02	3.59E-02	7.15E-04	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Acetaldehyde	2.04E-01	2.06E-01	2.54E-01	3.09E-01	5.04E-01	4.24E-01	9.16E-01	2.09E+00	2.20E-04	1.88E-02	4.51E-01	3.27E-02	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Acrolein	3.49E-02	3.79E-02	4.51E-02	4.85E-02	5.86E-02	6.33E-02	8.14E-02	1.37E-01	4.76E-06	1.08E-02	4.06E-02	7.26E-03	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Acrylonitrile	4.96E-04	5.11E-04	5.31E-04	7.86E-04	8.41E-04	1.12E-03	1.28E-03	1.47E-03	6.62E-04	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Arsenic Compounds	8.59E-05	8.81E-05	9.79E-05	1.30E-04	1.97E-04	1.56E-04	3.39E-04	1.11E-04	2.48E-05	5.62E-05	9.11E-06	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Benzene	7.53E-01	7.70E-01	8.49E-01	8.94E-01	1.09E+00	1.10E+00	1.29E+00	2.72E+00	4.02E-03	1.02E-01	4.24E-01	8.20E-02	4.80E-01	0.00E+00
New Jersey	Warren County	34041	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Warren County	34041	U	Beryllium Compounds	7.50E-06	7.59E-06	1.10E-05	1.39E-05	1.58E-05	2.05E-05	2.29E-05	2.30E-05	3.50E-06	1.21E-05	0.00E+00	1.95E-07	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	1,3-Butadiene	1.40E-02	1.42E-02	1.71E-02	2.30E-02	4.57E-02	3.50E-02	5.60E-02	2.60E-01	0.00E+00	1.87E-03	3.73E-02	6.61E-03	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Cadmium Compounds	1.13E-05	1.55E-05	2.29E-05	4.14E-05	5.64E-04	1.74E-04	5.99E-04	1.11E-03	5.49E-04	1.50E-05	0.00E+00	1.94E-07	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Carbon Disulfide	4.77E-02	4.79E-02	4.82E-02	4.91E-02	5.00E-02	5.00E-02	5.44E-02	5.00E-02	9.03E-05	2.86E-03	0.00E+00	0.00E+00	4.70E-02	0.00E+00
New Jersey	Warren County	34041	U	Carbon Tetrachloride	8.80E-01	8.80E-01												

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 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	Warren County	34041	U	Hexachlorobenzene	9.34E-05	9.34E-05	9.35E-05	9.41E-05	9.41E-05	9.45E-05	9.50E-05	9.51E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	9.30E-05
New Jersey	Warren County	34041	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.81E-07	0.00E+00	0.00E+00	1.80E-03
New Jersey	Warren County	34041	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	Warren County	34041	U	Hydrazine	4.83E-09	1.34E-08	1.67E-08	6.36E-08	1.83E-07	2.92E-07	5.61E-07	7.28E-07	3.62E-08	1.47E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Lead Compounds	1.19E-03	1.27E-03	1.43E-03	2.24E-03	4.26E-03	5.30E-03	1.12E-02	1.29E-02	3.28E-03	4.23E-04	0.00E+00	5.56E-04	0.00E+00
New Jersey	Warren County	34041	U	Manganese Compounds	4.87E-04	5.07E-04	6.21E-04	7.44E-04	8.61E-04	9.96E-04	1.53E-03	1.54E-03	3.33E-04	5.13E-04	1.27E-05	9.57E-07	0.00E+00
New Jersey	Warren County	34041	U	Mercury Compounds	1.56E-03	1.58E-03	1.59E-03	1.61E-03	2.10E-03	1.88E-03	2.14E-03	2.58E-03	5.08E-04	2.75E-05	5.55E-05	7.38E-06	1.50E-03
New Jersey	Warren County	34041	U	Methylene Chloride	2.27E-01	2.47E-01	2.73E-01	4.05E-01	6.03E-01	7.71E-01	1.40E+00	1.46E+00	3.31E-01	1.22E-01	0.00E+00	0.00E+00	1.50E-01
New Jersey	Warren County	34041	U	Nickel Compounds	5.08E-04	7.61E-04	1.00E-03	1.27E-03	1.27E-03	1.65E-03	1.98E-03	2.00E-03	6.32E-04	6.07E-04	2.97E-05	1.61E-06	0.00E+00
New Jersey	Warren County	34041	U	Perchloroethylene	1.50E-01	1.54E-01	1.61E-01	1.72E-01	1.75E-01	1.85E-01	2.04E-01	2.10E-01	1.31E-03	3.33E-02	0.00E+00	0.00E+00	1.40E-01
New Jersey	Warren County	34041	U	Polychlorinated Biphenyls	4.23E-04	4.33E-04	4.40E-04	5.12E-04	5.10E-04	5.57E-04	6.32E-04	6.39E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	3.80E-04
New Jersey	Warren County	34041	U	Polycyclic Organic Matter	1.72E-02	1.98E-02	2.22E-02	3.21E-02	4.09E-02	4.86E-02	7.88E-02	1.03E-01	5.58E-04	2.66E-02	1.24E-02	1.40E-03	0.00E+00
New Jersey	Warren County	34041	U	7-PAH	7.62E-04	7.75E-04	8.99E-04	1.15E-03	1.25E-03	1.47E-03	1.73E-03	2.32E-03	1.93E-06	1.14E-03	8.65E-05	1.60E-05	0.00E+00
New Jersey	Warren County	34041	U	Propylene Dichloride	3.60E-03	4.27E-03	6.03E-03	6.61E-03	8.56E-03	9.05E-03	1.78E-02	1.90E-02	8.54E-03	1.12E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Quinoline	9.77E-08	1.38E-07	1.96E-07	2.32E-07	5.17E-07	4.61E-07	1.59E-06	1.94E-06	0.00E+00	5.17E-07	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	1,1,2,2-Tetrachloroethane	2.11E-04	2.36E-04	2.56E-04	4.13E-04	4.00E-04	5.41E-04	6.11E-04	6.36E-04	3.67E-04	3.31E-05	0.00E+00	0.00E+00	0.00E+00
New Jersey	Warren County	34041	U	Trichloroethylene	8.65E-02	8.77E-02	8.85E-02	9.16E-02	9.57E-02	1.01E-01	1.09E-01	1.13E-01	1.45E-03	1.32E-02	0.00E+00	0.00E+00	8.10E-02
New Jersey	Warren County	34041	U	Vinyl Chloride	5.32E-04	5.90E-04	6.33E-04	1.02E-03	1.00E-03	1.38E-03	1.52E-03	1.61E-03	9.04E-04	9.70E-05	0.00E+00	0.00E+00	0.00E+00