US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for West Virginia: 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 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
- 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.

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
West Virginia	Statewide	N/A	N/A	Acetaldehyde	4.48E-02	5.84E-02	8.36E-02	1.57E-01	2.25E-01	2.71E-01	4.80E-01	6.09E-01	2.69E-02	1.49E-02	1.29E-01	5.34E-02	0.00E+00
West Virginia	Statewide	N/A	N/A	Acrolein	1.76E-02	1.87E-02	2.30E-02	3.17E-02	3.64E-02	4.59E-02	6.22E-02	7.11E-02	6.67E-04	1.35E-02	1.85E-02	3.70E-03	0.00E+00
West Virginia	Statewide	N/A	N/A	Acrylonitrile	3.34E-05	5.65E-05	1.15E-04	2.73E-04	1.76E-03	8.73E-04	5.07E-03	7.08E-03	1.35E-03	4.14E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	Arsenic Compounds	8.89E-06	1.42E-05	4.74E-05	1.11E-04	2.82E-04	2.20E-04	4.75E-04	9.69E-04	1.32E-04	1.23E-04	2.03E-05	7.18E-06	0.00E+00
West Virginia	Statewide	N/A	N/A	Benzene	6.05E-01	6.23E-01	6.87E-01	8.44E-01	1.01E+00	1.16E+00	1.51E+00	1.93E+00	3.62E-03	2.15E-01	2.62E-01	4.99E-02	4.80E-01
West Virginia	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
West Virginia	Statewide	N/A	N/A	Beryllium Compounds	4.21E-07	9.18E-07	3.56E-06	7.14E-06	1.79E-05	1.38E-05	2.67E-05	4.20E-05	1.34E-05	3.60E-06	0.00E+00	8.59E-07	0.00E+00
West Virginia	Statewide	N/A	N/A	1,3-Butadiene	4.43E-03	4.97E-03	6.96E-03	1.37E-02	2.40E-02	3.12E-02	5.47E-02	7.67E-02	5.22E-04	2.11E-03	1.73E-02	4.03E-03	0.00E+00
West Virginia	Statewide	N/A	N/A	Cadmium Compounds	9.50E-07	1.45E-06	2.37E-06	6.71E-06	2.29E-05	2.07E-05	6.21E-05	8.52E-05	2.12E-06	1.92E-05	0.00E+00	1.51E-06	0.00E+00
West Virginia	Statewide	N/A	N/A	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.79E-02	4.99E-02	5.04E-02	5.53E-02	5.94E-02	1.13E-03	1.82E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	3.77E-05	3.24E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Statewide	N/A	N/A	Chloroform	8.38E-02	8.41E-02	8.54E-02	8.91E-02	9.40E-02	9.82E-02	1.12E-01	1.21E-01	2.42E-04	1.08E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	5.85E-06	9.33E-06	4.40E-05	2.53E-04	1.79E-03	5.31E-04	2.87E-03	1.13E-02	1.37E-03	4.02E-04	1.50E-05	2.93E-06	0.00E+00
West Virginia	Statewide	N/A	N/A	Chromium VI	2.20E-06	3.09E-06	8.06E-06	5.37E-05	1.39E-04	1.16E-04	3.29E-04	5.84E-04	6.61E-05	6.60E-05	6.00E-06	9.96E-07	0.00E+00
West Virginia	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02	0.00E+00	1.28E-02	2.76E-02	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	1,4-Dichlorobenzene	2.19E-03	2.89E-03	4.48E-03	1.01E-02	1.59E-02	2.29E-02	3.52E-02	4.71E-02	1.77E-04	1.57E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	1,3-Dichloropropene	3.92E-03	5.05E-03	7.83E-03	1.82E-02	2.96E-02	4.28E-02	6.69E-02	8.99E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.80E-03	7.70E-03	7.70E-03	8.21E-03	9.53E-05	3.11E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	1.66E-05	4.62E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Statewide	N/A	N/A	Ethylene Oxide	4.10E-04	5.28E-04	8.52E-04	2.31E-03	7.88E-03	5.76E-03	1.54E-02	2.30E-02	4.11E-03	3.78E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	Formaldehyde	3.39E-01	3.51E-01	3.78E-01	4.50E-01	5.22E-01	5.61E-01	7.66E-01	9.09E-01	8.30E-03	5.81E-02	1.28E-01	7.84E-02	2.50E-01
West Virginia	Statewide	N/A	N/A	Hexachlorobenzene	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.37E-05	9.40E-05	9.46E-05	9.52E-05	1.24E-09	7.24E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Statewide	N/A	N/A	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	9.87E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.14E-05	1.19E-06	2.15E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	Hydrazine	0.00E+00	0.00E+00	4.40E-12	3.61E-10	2.42E-06	1.96E-08	1.62E-06	6.03E-06	2.32E-06	1.05E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	Lead Compounds	2.53E-05	4.41E-05	1.42E-04	5.05E-04	1.62E-03	1.33E-03	2.49E-03	3.98E-03	1.60E-04	1.13E-03	0.00E+00	3.28E-04	0.00E+00
West Virginia	Statewide	N/A	N/A	Manganese Compounds	2.99E-05	4.30E-05	1.23E-04	3.74E-04	2.88E-02	1.44E-03	1.45E-02	1.15E-01	2.65E-02	2.27E-03	4.81E-06	6.43E-06	0.00E+00
West Virginia	Statewide	N/A	N/A	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.54E-03	1.55E-03	1.57E-03	1.62E-03	1.65E-03	6.58E-06	1.84E-05	2.16E-05	8.42E-06	1.50E-03
West Virginia	Statewide	N/A	N/A	Methylene Chloride	1.59E-01	1.61E-01	1.68E-01	1.89E-01	2.29E-01	2.54E-01	3.49E-01	4.37E-01	4.59E-03	7.41E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Statewide	N/A	N/A	Nickel Compounds	1.34E-05	2.07E-05	6.54E-05	3.33E-04	1.20E-03	9.44E-04	2.12E-03	3.97E-03	3.07E-04	7.37E-04	1.12E-05	1.42E-04	0.00E+00
West Virginia	Statewide	N/A	N/A	Perchloroethylene	1.42E-01	1.43E-01	1.45E-01	1.54E-01	1.68E-01	1.78E-01	2.08E-01	2.40E-01	1.66E-04	2.80E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.95E-04	4.00E-04	4.09E-04	4.38E-04	4.64E-04	4.93E-04	5.63E-04	6.38E-04	1.74E-09	8.45E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Statewide	N/A	N/A	Polycyclic Organic Matter	1.05E-02	1.29E-02	1.94E-02	3.41E-02	4.71E-02	6.14E-02	8.88E-02	1.20E-01	9.36E-03	3.04E-02	5.86E-03	1.40E-03	0.00E+00
West Virginia	Statewide	N/A	N/A	7-PAH	4.86E-04	5.07E-04	5.88E-04	7.73E-04	8.97E-04	1.05E-03	1.45E-03	1.75E-03	2.31E-05	8.07E-04	3.92E-05	2.79E-05	0.00E+00
West Virginia	Statewide	N/A	N/A	Propylene Dichloride	1.57E-06	2.85E-06	5.61E-06	1.34E-05	3.42E-05	2.89E-05	8.10E-05	1.05E-04	1.27E-06	3.29E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	Quinoline	0.00E+00	0.00E+00	1.35E-09	8.21E-08	5.41E-05	1.05E-06	1.15E-04	1.52E-04	4.37E-05	1.04E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	1.33E-05	2.13E-05	3.95E-05	9.35E-05	1.82E-04	1.63E-04	2.96E-04	4.96E-04	1.17E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Statewide	N/A	N/A	Trichloroethylene	8.15E-02	8.16E-02	8.21E-02	8.43E-02	9.23E-02	9.30E-02	1.09E-01	1.25E-01	2.51E-03	8.79E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Statewide	N/A	N/A	Vinyl Chloride	3.17E-05	5.21E-05	1.03E-04	2.40E-04	4.56E-04	4.07E-04	6.99E-04	1.15E-03	2.87E-05	4.28E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Acetaldehyde	1.36E-01	1.56E-01	2.01E-01	2.91E-01	3.74E-01	4.71E-01	6.27E-01	6.98E-01	4.72E-02	1.29E-02	2.01E-01	1.13E-01	0.00E+00
West Virginia	All Urban Counties	N/A	U	Acrolein	2.89E-02	3.14E-02	3.73E-02	4.64E-02	4.98E-02	6.02E-02	7.34E-02	7.90E-02	1.62E-03	1.44E-02	2.74E-02	6.50E-03	0.00E+00
West Virginia	All Urban Counties	N/A	U	Acrylonitrile	1.15E-04	1.44E-04	3.49E-04	8.83E-04	3.93E-03	5.05E-03	7.75E-03	1.01E-02	3.41E-03	5.12E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Arsenic Compounds	7.61E-05	1.02E-04	1.37E-04	2.18E-04	5.77E-04	4.62E-04	1.25E-03	2.30E-03	2.58E-04	2.76E-04	2.93E-05	1.37E-05	0.00E+00
West Virginia	All Urban Counties	N/A	U	Benzene	7.55E-01	8.06E-01	9.04E-01	1.11E+00	1.24E+00	1.38E+00	1.77E+00	2.28E+00	7.03E-03	2.65E-01	4.05E-01	8.69E-02	4.80E-01
West Virginia	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
West Virginia	All Urban Counties	N/A	U	Beryllium Compounds	3.29E-06	3.98E-06	6.48E-06	1.14E-05	3.23E-05	2.28E-05	3.69E-05	1.38E-04	2.61E-05	4.76E-06	0.00E+00	1.52E-06	0.00E+00
West Virginia	All Urban Counties	N/A	U	1,3-Butadiene	7.85E-03	9.72E-03	1.54E-02	2.98E-02	3.82E-02	4.92E-02	7.87E-02	1.09E-01	1.38E-03	1.58E-03	2.78E-02	7.41E-03	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	All Urban Counties	N/A	U	Cadmium Compounds	5.83E-06	8.10E-06	1.38E-05	2.90E-05	5.19E-05	6.22E-05	9.46E-05	2.12E-04	4.41E-06	4.45E-05	0.00E+00	3.03E-06	0.00E+00
West Virginia	All Urban Counties	N/A	U	Carbon Disulfide	4.75E-02	4.78E-02	4.87E-02	5.01E-02	5.17E-02	5.31E-02	5.79E-02	5.97E-02	1.54E-03	3.13E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.42E-08	5.15E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	All Urban Counties	N/A	U	Chloroform	8.61E-02	8.82E-02	9.14E-02	9.69E-02	1.01E-01	1.09E-01	1.21E-01	1.25E-01	2.10E-06	1.81E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	7.71E-05	1.04E-04	2.82E-04	4.11E-04	3.69E-03	1.46E-03	1.33E-02	2.38E-02	3.16E-03	5.03E-04	2.31E-05	6.42E-06	0.00E+00
West Virginia	All Urban Counties	N/A	U	Chromium VI	2.20E-05	3.15E-05	5.57E-05	8.42E-05	2.08E-04	2.25E-04	5.62E-04	7.63E-04	1.33E-04	6.37E-05	9.21E-06	2.18E-06	0.00E+00
West Virginia	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-03	1.07E-02	2.85E-02	3.50E-02	7.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	1,4-Dichlorobenzene	5.98E-03	7.53E-03	1.14E-02	2.28E-02	2.47E-02	3.16E-02	4.80E-02	5.66E-02	1.70E-04	2.45E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	1,3-Dichloropropene	1.09E-02	1.37E-02	2.10E-02	4.28E-02	4.64E-02	6.00E-02	9.16E-02	1.08E-01	0.00E+00	4.64E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.94E-03	7.70E-03	8.65E-03	9.50E-03	2.45E-04	3.93E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	7.95E-06	4.85E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	All Urban Counties	N/A	U	Ethylene Oxide	1.07E-03	1.67E-03	3.29E-03	5.81E-03	1.68E-02	1.36E-02	2.70E-02	4.59E-02	1.07E-02	6.16E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Formaldehyde	4.29E-01	4.42E-01	4.85E-01	5.84E-01	6.86E-01	7.67E-01	9.41E-01	1.01E+00	1.92E-02	6.18E-02	1.93E-01	1.62E-01	2.50E-01
West Virginia	All Urban Counties	N/A	U	Hexachlorobenzene	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.38E-05	9.41E-05	9.44E-05	9.47E-05	3.29E-09	8.15E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	All Urban Counties	N/A	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.82E-03	0.00E+00	2.00E-06	0.00E+00	0.00E+00	1.80E-03
West Virginia	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	9.73E-06	2.08E-05	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Hydrazine	0.00E+00	2.77E-12	1.29E-11	8.01E-09	6.45E-07	5.03E-08	3.59E-06	5.51E-06	5.71E-07	7.41E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Lead Compounds	3.60E-04	4.71E-04	6.86E-04	1.08E-03	1.81E-03	1.64E-03	2.49E-03	4.45E-03	3.28E-04	9.76E-04	0.00E+00	5.07E-04	0.00E+00
West Virginia	All Urban Counties	N/A	U	Manganese Compounds	3.05E-04	3.76E-04	5.54E-04	1.25E-03	7.14E-02	1.34E-02	1.54E-01	3.14E-01	6.81E-02	3.28E-03	7.43E-06	1.46E-05	0.00E+00
West Virginia	All Urban Counties	N/A	U	Mercury Compounds	1.52E-03	1.53E-03	1.54E-03	1.57E-03	1.59E-03	1.62E-03	1.65E-03	1.70E-03	6.66E-06	3.56E-05	3.00E-05	1.67E-05	1.50E-03
West Virginia	All Urban Counties	N/A	U	Methylene Chloride	1.70E-01	1.77E-01	1.96E-01	2.47E-01	2.79E-01	3.05E-01	4.48E-01	5.20E-01	1.01E-02	1.19E-01	0.00E+00	0.00E+00	1.50E-01
West Virginia	All Urban Counties	N/A	U	Nickel Compounds	8.32E-05	1.71E-04	3.62E-04	7.12E-04	2.05E-03	1.78E-03	3.97E-03	6.81E-03	5.02E-04	1.20E-03	1.72E-05	3.33E-04	0.00E+00
West Virginia	All Urban Counties	N/A	U	Perchloroethylene	1.47E-01	1.49E-01	1.59E-01	1.74E-01	1.83E-01	1.95E-01	2.33E-01	2.55E-01	3.32E-04	4.28E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	All Urban Counties	N/A	U	Polychlorinated Biphenyls	4.04E-04	4.10E-04	4.30E-04	4.64E-04	4.76E-04	5.11E-04	5.44E-04	5.77E-04	4.54E-09	9.57E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	All Urban Counties	N/A	U	Polycyclic Organic Matter	2.38E-02	2.67E-02	3.71E-02	5.93E-02	6.29E-02	7.89E-02	9.67E-02	1.21E-01	1.12E-02	3.98E-02	9.02E-03	2.79E-03	0.00E+00
West Virginia	All Urban Counties	N/A	U	7-PAH	5.76E-04	6.06E-04	7.59E-04	8.98E-04	1.02E-03	1.19E-03	1.47E-03	1.76E-03	2.19E-05	8.79E-04	5.88E-05	5.97E-05	0.00E+00
West Virginia	All Urban Counties	N/A	U	Propylene Dichloride	5.57E-06	8.16E-06	1.47E-05	2.36E-05	4.39E-05	6.60E-05	9.38E-05	1.34E-04	2.78E-06	4.11E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Quinoline	9.27E-08	1.43E-07	2.70E-07	1.53E-06	7.80E-05	1.03E-04	1.50E-04	2.23E-04	6.42E-05	1.37E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	4.08E-05	5.23E-05	1.05E-04	1.31E-04	2.06E-04	1.92E-04	2.97E-04	5.06E-04	2.55E-05	1.80E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Urban Counties	N/A	U	Trichloroethylene	8.24E-02	8.30E-02	8.50E-02	9.16E-02	1.02E-01	1.04E-01	1.33E-01	1.66E-01	5.55E-03	1.57E-02	0.00E+00	0.00E+00	8.10E-02
West Virginia	All Urban Counties	N/A	U	Vinyl Chloride	1.06E-04	1.27E-04	2.77E-04	3.41E-04	5.37E-04	5.07E-04	7.30E-04	1.26E-03	6.28E-05	4.74E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Acetaldehyde	3.80E-02	4.94E-02	6.60E-02	9.88E-02	1.34E-01	1.62E-01	2.57E-01	2.92E-01	1.46E-02	1.61E-02	8.61E-02	1.75E-02	0.00E+00
West Virginia	All Rural Counties	N/A	R	Acrolein	1.66E-02	1.81E-02	1.99E-02	2.52E-02	2.83E-02	3.30E-02	4.46E-02	5.03E-02	9.17E-05	1.30E-02	1.32E-02	2.00E-03	0.00E+00
West Virginia	All Rural Counties	N/A	R	Acrylonitrile	2.19E-05	3.93E-05	8.18E-05	1.61E-04	4.44E-04	3.25E-04	8.46E-04	1.73E-03	8.99E-05	3.54E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Arsenic Compounds	6.10E-06	9.75E-06	2.91E-05	6.09E-05	1.03E-04	1.22E-04	2.21E-04	3.52E-04	5.50E-05	3.00E-05	1.48E-05	3.25E-06	0.00E+00
West Virginia	All Rural Counties	N/A	R	Benzene	5.89E-01	6.09E-01	6.43E-01	7.22E-01	8.69E-01	9.40E-01	1.24E+00	1.47E+00	1.55E-03	1.84E-01	1.75E-01	2.74E-02	4.80E-01
West Virginia	All Rural Counties	N/A	R	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
West Virginia	All Rural Counties	N/A	R	Beryllium Compounds	3.28E-07	5.26E-07	1.94E-06	5.52E-06	9.11E-06	1.11E-05	1.66E-05	2.69E-05	5.75E-06	2.90E-06	0.00E+00	4.59E-07	0.00E+00
West Virginia	All Rural Counties	N/A	R	1,3-Butadiene	4.21E-03	4.68E-03	5.71E-03	8.40E-03	1.54E-02	1.82E-02	3.34E-02	5.00E-02	2.60E-06	2.44E-03	1.10E-02	1.97E-03	0.00E+00
West Virginia	All Rural Counties	N/A	R	Cadmium Compounds	7.06E-07	1.04E-06	1.71E-06	2.88E-06	5.26E-06	6.00E-06	1.06E-05	1.51E-05	7.25E-07	3.94E-06	0.00E+00	5.87E-07	0.00E+00
West Virginia	All Rural Counties	N/A	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.75E-02	4.89E-02	4.81E-02	5.10E-02	5.83E-02	8.81E-04	1.03E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	6.05E-05	2.08E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	All Rural Counties	N/A	R	Chloroform	8.36E-02	8.38E-02	8.44E-02	8.61E-02	8.97E-02	8.98E-02	9.98E-02	1.08E-01	3.87E-04	6.30E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	3.96E-06	6.86E-06	1.91E-05	7.03E-05	6.42E-04	3.91E-04	1.22E-03	2.34E-03	2.91E-04	3.41E-04	1.01E-05	8.09E-07	0.00E+00
West Virginia	All Rural Counties	N/A	R	Chromium VI	1.62E-06	2.56E-06	4.11E-06	1.70E-05	9.74E-05	8.35E-05	2.31E-04	3.53E-04	2.57E-05	6.73E-05	4.05E-06	2.75E-07	0.00E+00
West Virginia	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02	0.00E+00	9.62E-04	3.68E-03	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	1,4-Dichlorobenzene	1.99E-03	2.44E-03	3.43E-03	5.64E-03	1.06E-02	1.16E-02	2.29E-02	3.52E-02	1.81E-04	1.04E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	1,3-Dichloropropene	3.51E-03	4.37E-03	6.06E-03	1.01E-02	1.94E-02	2.14E-02	4.28E-02	6.64E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.66E-06	2.62E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.11E-02	6.13E-02	2.18E-05	4.47E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	All Rural Counties	N/A	R	Ethylene Oxide	3.17E-04	4.30E-04	6.33E-04	1.27E-03	2.45E-03	2.78E-03	5.48E-03	8.86E-03	1.18E-04	2.33E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Formaldehyde	3.32E-01	3.44E-01	3.60E-01	3.96E-01	4.23E-01	4.57E-01	5.41E-01	6.06E-01	1.71E-03	5.59E-02	8.77E-02	2.78E-02	2.50E-01
West Virginia	All Rural Counties	N/A	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.37E-05	9.37E-05	9.47E-05	9.54E-05	0.00E+00	6.69E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	All Rural Counties	N/A	R	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	3.72E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	3.65E-06	2.51E-07	3.45E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	1.70E-12	9.11E-11	3.51E-06	3.79E-09	9.89E-07	7.66E-06	3.38E-06	1.24E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Lead Compounds	1.29E-05	2.87E-05	7.20E-05	1.95E-04	1.50E-03	6.08E-04	2.48E-03	3.64E-03	5.86E-05	1.22E-03	0.00E+00	2.19E-04	0.00E+00
West Virginia	All Rural Counties	N/A	R	Manganese Compounds	2.50E-05	3.26E-05	6.95E-05	1.79E-04	2.97E-03	3.82E-04	1.51E-03	4.80E-03	1.31E-03	1.65E-03	3.22E-06	1.48E-06	0.00E+00
West Virginia	All Rural Counties	N/A	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.58E-03	1.60E-03	6.53E-06	7.95E-06	1.64E-05	3.39E-06	1.50E-03
West Virginia	All Rural Counties	N/A	R	Methylene Chloride	1.57E-01	1.59E-01	1.63E-01	1.73E-01	1.98E-01	2.02E-01	2.76E-01	3.32E-01	1.25E-03	4.67E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	All Rural Counties	N/A	R	Nickel Compounds	1.08E-05	1.49E-05	3.91E-05	1.21E-04	6.78E-04	5.93E-04	1.24E-03	1.89E-03	1.88E-04	4.55E-04	7.60E-06	2.69E-05	0.00E+00
West Virginia	All Rural Counties	N/A	R	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.48E-01	1.59E-01	1.60E-01	1.90E-01	2.26E-01	6.53E-05	1.90E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.93E-04	3.97E-04	4.05E-04	4.22E-04	4.58E-04	4.64E-04	5.89E-04	6.58E-04	3.84E-11	7.76E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	All Rural Counties	N/A	R	Polycyclic Organic Matter	9.40E-03	1.11E-02	1.56E-02	2.38E-02	3.75E-02	4.08E-02	7.38E-02	1.13E-01	8.22E-03	2.47E-02	3.94E-03	5.61E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	All Rural Counties	N/A	R	7-PAH	4.65E-04	4.91E-04	5.45E-04	6.54E-04	8.23E-04	9.51E-04	1.43E-03	1.73E-03	2.38E-05	7.63E-04	2.74E-05	8.59E-06	0.00E+00
West Virginia	All Rural Counties	N/A	R	Propylene Dichloride	1.14E-06	2.21E-06	4.11E-06	8.02E-06	2.83E-05	1.67E-05	4.74E-05	8.71E-05	3.58E-07	2.79E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	2.17E-10	5.25E-09	3.96E-05	6.25E-08	3.71E-07	5.13E-05	3.12E-05	8.42E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	7.65E-06	1.76E-05	2.87E-05	5.11E-05	1.67E-04	1.18E-04	2.74E-04	4.96E-04	3.28E-06	1.64E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	All Rural Counties	N/A	R	Trichloroethylene	8.15E-02	8.16E-02	8.18E-02	8.27E-02	8.63E-02	8.61E-02	9.62E-02	1.06E-01	6.70E-04	4.60E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	All Rural Counties	N/A	R	Vinyl Chloride	1.91E-05	4.22E-05	7.03E-05	1.32E-04	4.08E-04	2.91E-04	6.46E-04	1.15E-03	8.09E-06	4.00E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	Acetaldehyde	6.05E-02	6.05E-02	6.09E-02	6.43E-02	6.87E-02	7.66E-02	8.58E-02	8.58E-02	5.66E-06	1.39E-02	4.87E-02	6.10E-03	0.00E+00
West Virginia	Barbour County	54001	R	Acrolein	1.89E-02	1.89E-02	1.98E-02	2.06E-02	2.28E-02	2.58E-02	3.09E-02	3.09E-02	1.55E-06	1.30E-02	8.34E-03	1.40E-03	0.00E+00
West Virginia	Barbour County	54001	R	Acrylonitrile	7.54E-05	7.54E-05	7.70E-05	7.98E-05	8.98E-05	1.02E-04	1.24E-04	1.24E-04	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	Arsenic Compounds	1.32E-05	1.32E-05	1.61E-05	2.38E-05	2.43E-05	3.25E-05	3.65E-05	3.65E-05	1.09E-05	3.29E-06	8.57E-06	1.56E-06	0.00E+00
West Virginia	Barbour County	54001	R	Benzene	6.76E-01	6.76E-01	6.76E-01	7.03E-01	7.26E-01	7.76E-01	8.23E-01	8.23E-01	9.92E-07	1.38E-01	9.16E-02	1.71E-02	4.80E-01
West Virginia	Barbour County	54001	R	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
West Virginia	Barbour County	54001	R	Beryllium Compounds	5.81E-07	5.81E-07	1.03E-06	1.95E-06	1.92E-06	2.80E-06	3.19E-06	3.19E-06	1.01E-06	6.33E-07	0.00E+00	2.74E-07	0.00E+00
West Virginia	Barbour County	54001	R	1,3-Butadiene	5.11E-03	5.11E-03	5.12E-03	6.15E-03	7.92E-03	1.07E-02	1.43E-02	1.43E-02	0.00E+00	2.68E-03	4.33E-03	9.21E-04	0.00E+00
West Virginia	Barbour County	54001	R	Cadmium Compounds	1.46E-06	1.46E-06	1.60E-06	1.76E-06	2.02E-06	2.44E-06	3.09E-06	3.09E-06	1.86E-07	1.56E-06	0.00E+00	2.74E-07	0.00E+00
West Virginia	Barbour County	54001	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.73E-02	4.74E-02	4.75E-02	4.75E-02	8.82E-07	2.81E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Barbour County	54001	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.03E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Barbour County	54001	R	Chloroform	8.39E-02	8.39E-02	8.40E-02	8.42E-02	8.43E-02	8.47E-02	8.50E-02	8.50E-02	0.00E+00	1.35E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Barbour County	54001	R	Chromium Compounds (includes Hexavalent)	1.08E-05	1.08E-05	4.13E-05	7.85E-05	6.58E-05	9.04E-05	9.56E-05	9.56E-05	2.09E-05	3.95E-05	5.21E-06	2.33E-07	0.00E+00
West Virginia	Barbour County	54001	R	Chromium VI	4.83E-06	4.83E-06	1.81E-05	3.84E-05	3.21E-05	4.61E-05	4.67E-05	4.67E-05	2.31E-06	2.77E-05	2.03E-06	7.92E-08	0.00E+00
West Virginia	Barbour County	54001	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	1,4-Dichlorobenzene	3.67E-03	3.67E-03	3.93E-03	4.97E-03	5.71E-03	7.48E-03	9.20E-03	9.20E-03	0.00E+00	5.71E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	1,3-Dichloropropene	6.55E-03	6.55E-03	7.03E-03	9.06E-03	1.04E-02	1.38E-02	1.70E-02	1.70E-02	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.90E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Barbour County	54001	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.72E-07	1.13E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Barbour County	54001	R	Ethylene Oxide	7.35E-04	7.35E-04	8.03E-04	1.02E-03	1.20E-03	1.60E-03	2.04E-03	2.04E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	Formaldehyde	3.56E-01	3.56E-01	3.58E-01	3.60E-01	3.72E-01	3.87E-01	4.13E-01	4.13E-01	1.70E-06	6.32E-02	4.81E-02	1.11E-02	2.50E-01
West Virginia	Barbour County	54001	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	9.36E-05	9.37E-05	9.37E-05	0.00E+00	4.40E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Barbour County	54001	R	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	4.02E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Barbour County	54001	R	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
West Virginia	Barbour County	54001	R	Hydrazine	6.01E-11	6.01E-11	1.44E-10	2.58E-10	2.32E-10	3.19E-10	3.51E-10	3.51E-10	0.00E+00	2.32E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	Lead Compounds	7.75E-05	7.75E-05	1.19E-04	4.91E-04	7.01E-04	1.28E-03	1.75E-03	1.75E-03	6.29E-06	6.02E-04	0.00E+00	9.32E-05	0.00E+00
West Virginia	Barbour County	54001	R	Manganese Compounds	1.87E-04	1.87E-04	1.89E-04	1.96E-04	2.16E-04	2.42E-04	2.83E-04	2.83E-04	1.95E-05	1.94E-04	1.57E-06	1.88E-07	0.00E+00
West Virginia	Barbour County	54001	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.36E-06	1.87E-06	9.93E-06	1.58E-06	1.50E-03
West Virginia	Barbour County	54001	R	Methylene Chloride	1.62E-01	1.62E-01	1.64E-01	1.70E-01	1.75E-01	1.86E-01	1.97E-01	1.97E-01	1.81E-06	2.47E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Barbour County	54001	R	Nickel Compounds	1.96E-05	1.96E-05	3.84E-05	1.33E-04	1.70E-04	3.02E-04	3.96E-04	3.96E-04	2.41E-05	1.42E-04	3.91E-06	6.29E-07	0.00E+00
West Virginia	Barbour County	54001	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.45E-01	1.46E-01	1.47E-01	1.48E-01	1.48E-01	2.69E-07	5.73E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Barbour County	54001	R	Polychlorinated Biphenyls	4.06E-04	4.06E-04	4.07E-04	4.24E-04	4.29E-04	4.51E-04	4.61E-04	4.61E-04	0.00E+00	4.88E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Barbour County	54001	R	Polycyclic Organic Matter	1.79E-02	1.79E-02	1.94E-02	2.41E-02	2.51E-02	3.09E-02	3.44E-02	3.44E-02	1.16E-07	2.28E-02	2.08E-03	2.48E-04	0.00E+00
West Virginia	Barbour County	54001	R	7-PAH	4.95E-04	4.95E-04	4.98E-04	6.04E-04	6.46E-04	7.95E-04	8.81E-04	8.81E-04	2.37E-09	6.28E-04	1.46E-05	3.69E-06	0.00E+00
West Virginia	Barbour County	54001	R	Propylene Dichloride	3.79E-06	3.79E-06	4.10E-06	4.49E-06	4.72E-06	5.35E-06	6.12E-06	6.12E-06	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	Quinoline	2.30E-09	2.30E-09	4.07E-09	7.61E-09	6.92E-09	9.76E-09	1.01E-08	1.01E-08	0.00E+00	6.92E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	1,1,2,2-Tetrachloroethane	2.87E-05	2.87E-05	3.33E-05	3.82E-05	3.76E-05	4.19E-05	4.52E-05	4.52E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Barbour County	54001	R	Trichloroethylene	8.18E-02	8.18E-02	8.19E-02	8.24E-02	8.26E-02	8.33E-02	8.38E-02	8.38E-02	0.00E+00	1.60E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Barbour County	54001	R	Vinyl Chloride	7.03E-05	7.03E-05	8.12E-05	9.33E-05	9.18E-05	1.02E-04	1.10E-04	1.10E-04	0.00E+00	9.18E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	Acetaldehyde	1.38E-01	1.39E-01	1.44E-01	1.65E-01	1.97E-01	2.00E-01	2.58E-01	4.21E-01	8.80E-04	1.30E-02	1.64E-01	1.93E-02	0.00E+00
West Virginia	Berkeley County	54003	U	Acrolein	2.80E-02	2.86E-02	3.03E-02	3.27E-02	3.34E-02	3.54E-02	3.58E-02	4.27E-02	2.60E-06	7.41E-03	2.28E-02	3.20E-03	0.00E+00
West Virginia	Berkeley County	54003	U	Acrylonitrile	1.15E-04	1.22E-04	1.35E-04	1.75E-04	2.12E-04	2.90E-04	3.52E-04	4.32E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	Arsenic Compounds	8.03E-04	1.35E-03	1.41E-03	2.00E-03	2.78E-03	3.41E-03	3.68E-03	8.80E-03	4.49E-06	2.74E-03	2.56E-05	3.90E-06	0.00E+00
West Virginia	Berkeley County	54003	U	Benzene	7.55E-01	8.04E-01	8.17E-01	9.12E-01	9.21E-01	9.69E-01	1.04E+00	1.21E+00	6.15E-05	1.49E-01	2.60E-01	3.25E-02	4.80E-01
West Virginia	Berkeley County	54003	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
West Virginia	Berkeley County	54003	U	Beryllium Compounds	1.83E-06	3.59E-06	3.68E-06	4.07E-06	5.51E-06	8.48E-06	9.10E-06	9.24E-06	2.94E-07	3.04E-06	0.00E+00	2.17E-06	0.00E+00
West Virginia	Berkeley County	54003	U	1,3-Butadiene	8.98E-03	9.58E-03	1.09E-02	1.38E-02	1.82E-02	2.35E-02	2.68E-02	4.87E-02	0.00E+00	1.06E-03	1.47E-02	2.44E-03	0.00E+00
West Virginia	Berkeley County	54003	U	Cadmium Compounds	4.76E-06	7.18E-06	9.15E-06	7.91E-05	6.45E-05	9.39E-05	9.48E-05	1.05E-04	3.12E-06	5.92E-05	0.00E+00	2.17E-06	0.00E+00
West Virginia	Berkeley County	54003	U	Carbon Disulfide	4.74E-02	4.75E-02	4.76E-02	4.82E-02	4.86E-02	4.89E-02	4.96E-02	5.31E-02	1.63E-06	1.62E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Berkeley County	54003	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	3.21E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Berkeley County	54003	U	Chloroform	8.87E-02	9.03E-02	9.22E-02	9.42E-02	9.71E-02	1.05E-01	1.06E-01	1.08E-01	0.00E+00	1.41E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Berkeley County	54003	U	Chromium Compounds (includes Hexavalent)	5.41E-05	6.63E-05	6.83E-05	9.12E-05	1.03E-04	1.04E-04	1.23E-04	2.63E-04	4.62E-05	3.87E-05	1.70E-05	8.82E-07	0.00E+00
West Virginia	Berkeley County	54003	U	Chromium VI	1.89E-05	2.20E-05	2.22E-05	3.17E-05	3.45E-05	3.52E-05	4.15E-05	8.62E-05	1.52E-05	1.23E-05	6.83E-06	3.00E-07	0.00E+00
West Virginia	Berkeley County	54003	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
West Virginia	Berkeley County	54003	U	1,4-Dichlorobenzene	6.56E-03	8.20E-03	1.08E-02	1.25E-02	1.61E-02	2.53E-02	2.77E-02	2.82E-02	3.75E-09	1.61E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	1,3-Dichloropropene	1.21E-02	1.50E-02	2.01E-02	2.33E-02	3.02E-02	4.76E-02	5.24E-02	5.32E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	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	2.52E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Berkeley County	54003	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	5.03E-07	2.20E-05	0.00E+00	0.00E+00	6.10E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Berkeley County	54003	U	Ethylene Oxide	9.41E-04	1.70E-03	1.79E-03	2.40E-03	3.33E-03	5.93E-03	6.25E-03	6.29E-03	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	Formaldehyde	4.00E-01	4.16E-01	4.28E-01	4.33E-01	4.60E-01	4.90E-01	4.91E-01	6.46E-01	1.35E-04	3.15E-02	1.44E-01	3.46E-02	2.50E-01
West Virginia	Berkeley County	54003	U	Hexachlorobenzene	9.33E-05	9.34E-05	9.37E-05	9.38E-05	9.42E-05	9.50E-05	9.52E-05	9.55E-05	1.00E-08	1.16E-06	0.00E+00	0.00E+00	9.30E-05
West Virginia	Berkeley County	54003	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	1.41E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Berkeley County	54003	U	Hexamethylene Diisocyanate	9.73E-06	1.36E-05	1.47E-05	2.08E-05	2.89E-05	3.37E-05	3.52E-05	1.10E-04	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	Hydrazine	1.98E-09	2.71E-09	6.37E-09	1.26E-08	5.95E-08	5.73E-08	6.42E-08	3.87E-07	0.00E+00	5.95E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	Lead Compounds	5.74E-04	6.65E-04	7.13E-04	8.03E-04	1.10E-03	1.25E-03	1.60E-03	2.99E-03	2.97E-05	2.37E-04	0.00E+00	8.35E-04	0.00E+00
West Virginia	Berkeley County	54003	U	Manganese Compounds	3.76E-04	3.89E-04	4.23E-04	5.85E-04	7.75E-04	8.10E-04	8.77E-04	2.84E-03	6.17E-04	1.52E-04	5.34E-06	5.50E-07	0.00E+00
West Virginia	Berkeley County	54003	U	Mercury Compounds	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.57E-03	1.59E-03	1.62E-03	1.68E-03	2.20E-06	3.21E-05	2.89E-05	5.72E-06	1.50E-03
West Virginia	Berkeley County	54003	U	Methylene Chloride	1.82E-01	1.83E-01	1.91E-01	2.00E-01	2.32E-01	2.91E-01	3.05E-01	3.59E-01	1.34E-04	8.16E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Berkeley County	54003	U	Nickel Compounds	4.69E-05	6.08E-05	6.80E-05	8.32E-05	1.08E-04	1.67E-04	1.71E-04	1.91E-04	1.35E-05	8.02E-05	1.29E-05	1.12E-06	0.00E+00
West Virginia	Berkeley County	54003	U	Perchloroethylene	1.47E-01	1.47E-01	1.49E-01	1.52E-01	1.54E-01	1.60E-01	1.62E-01	1.64E-01	3.94E-06	1.42E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Berkeley County	54003	U	Polychlorinated Biphenyls	4.13E-04	4.26E-04	4.53E-04	4.65E-04	5.16E-04	6.22E-04	6.49E-04	6.80E-04	8.03E-10	1.36E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Berkeley County	54003	U	Polycyclic Organic Matter	2.77E-02	3.44E-02	4.47E-02	5.58E-02	5.31E-02	6.63E-02	6.72E-02	6.79E-02	1.14E-02	3.46E-02	6.25E-03	9.30E-04	0.00E+00
West Virginia	Berkeley County	54003	U	7-PAH	5.63E-04	5.79E-04	7.45E-04	7.79E-04	1.01E-03	1.45E-03	1.56E-03	1.76E-03	1.09E-05	9.44E-04	4.53E-05	9.49E-06	0.00E+00
West Virginia	Berkeley County	54003	U	Propylene Dichloride	7.13E-06	7.45E-06	7.55E-06	9.29E-06	1.18E-05	1.37E-05	2.10E-05	2.48E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	Quinoline	5.20E-08	6.14E-08	8.35E-08	1.09E-07	2.25E-07	2.60E-07	2.72E-07	1.03E-06	0.00E+00	2.25E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	1,1,2,2-Tetrachloroethane	4.06E-05	4.70E-05	4.85E-05	5.62E-05	6.84E-05	7.60E-05	8.50E-05	1.78E-04	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Berkeley County	54003	U	Trichloroethylene	8.30E-02	8.36E-02	8.40E-02	8.53E-02	8.91E-02	9.55E-02	9.78E-02	1.07E-01	0.00E+00	8.10E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Berkeley County	54003	U	Vinyl Chloride	1.08E-04	1.20E-04	1.22E-04	1.40E-04	1.75E-04	2.11E-04	2.18E-04	4.41E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	Acetaldehyde	7.78E-02	7.78E-02	8.58E-02	1.11E-01	1.09E-01	1.21E-01	1.42E-01	1.42E-01	7.01E-05	2.04E-02	7.46E-02	1.40E-02	0.00E+00
West Virginia	Boone County	54005	R	Acrolein	2.26E-02	2.26E-02	2.45E-02	2.76E-02	2.72E-02	2.99E-02	3.09E-02	3.09E-02	2.10E-04	1.42E-02	1.11E-02	1.59E-03	0.00E+00
West Virginia	Boone County	54005	R	Acrylonitrile	6.52E-05	6.52E-05	8.51E-05	1.08E-04	1.04E-04	1.21E-04	1.45E-04	1.45E-04	1.03E-05	9.35E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	Arsenic Compounds	4.01E-05	4.01E-05	5.70E-05	1.13E-04	1.10E-04	1.37E-04	1.84E-04	1.84E-04	5.42E-05	4.36E-05	9.53E-06	3.05E-06	0.00E+00
West Virginia	Boone County	54005	R	Benzene	6.16E-01	6.16E-01	6.46E-01	6.71E-01	6.77E-01	7.10E-01	7.45E-01	7.45E-01	1.25E-05	7.54E-02	1.09E-01	1.26E-02	4.80E-01
West Virginia	Boone County	54005	R	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
West Virginia	Boone County	54005	R	Beryllium Compounds	2.57E-06	2.57E-06	4.08E-06	5.17E-06	4.96E-06	5.87E-06	6.73E-06	6.73E-06	2.83E-06	1.63E-06	0.00E+00	4.94E-07	0.00E+00
West Virginia	Boone County	54005	R	1,3-Butadiene	4.91E-03	4.91E-03	5.07E-03	6.21E-03	6.93E-03	6.79E-03	1.27E-02	1.27E-02	1.10E-05	2.56E-03	3.80E-03	5.58E-04	0.00E+00
West Virginia	Boone County	54005	R	Cadmium Compounds	1.58E-06	1.58E-06	1.92E-06	6.98E-06	6.41E-06	9.94E-06	1.07E-05	1.07E-05	3.99E-07	5.52E-06	0.00E+00	4.97E-07	0.00E+00
West Virginia	Boone County	54005	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.76E-02	4.76E-02	4.79E-02	4.81E-02	4.81E-02	1.10E-06	5.91E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Boone County	54005	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.41E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Boone County	54005	R	Chloroform	8.44E-02	8.44E-02	8.52E-02	8.56E-02	8.57E-02	8.63E-02	8.74E-02	8.74E-02	1.09E-08	2.73E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Boone County	54005	R	Chromium Compounds (includes Hexavalent)	1.77E-05	1.77E-05	2.46E-05	1.44E-04	1.25E-04	1.84E-04	2.26E-04	2.26E-04	9.65E-05	2.16E-05	6.40E-06	2.58E-07	0.00E+00
West Virginia	Boone County	54005	R	Chromium VI	2.96E-06	2.96E-06	3.91E-06	2.65E-05	2.35E-05	3.63E-05	4.21E-05	4.21E-05	1.06E-05	1.03E-05	2.55E-06	8.76E-08	0.00E+00
West Virginia	Boone County	54005	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	1,4-Dichlorobenzene	2.95E-03	2.95E-03	4.30E-03	4.86E-03	5.27E-03	5.49E-03	9.39E-03	9.39E-03	2.01E-08	5.27E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	1,3-Dichloropropene	5.21E-03	5.21E-03	7.66E-03	8.78E-03	9.53E-03	9.93E-03	1.74E-02	1.74E-02	0.00E+00	9.53E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.58E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Boone County	54005	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.12E-07	8.37E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Boone County	54005	R	Ethylene Oxide	6.27E-04	6.27E-04	2.20E-03	2.74E-03	2.73E-03	3.74E-03	4.52E-03	4.52E-03	1.60E-03	1.13E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	Formaldehyde	3.73E-01	3.73E-01	3.91E-01	4.09E-01	4.09E-01	4.28E-01	4.36E-01	4.36E-01	1.57E-05	6.55E-02	6.74E-02	2.58E-02	2.50E-01
West Virginia	Boone County	54005	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	9.37E-05	9.37E-05	0.00E+00	3.31E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Boone County	54005	R	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	3.35E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Boone County	54005	R	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
West Virginia	Boone County	54005	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-12	2.29E-12	2.61E-12	2.61E-12	0.00E+00	1.02E-12	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	Lead Compounds	6.43E-05	6.43E-05	1.05E-04	2.23E-04	2.02E-04	2.95E-04	3.19E-04	3.19E-04	8.25E-05	6.70E-05	0.00E+00	5.29E-05	0.00E+00
West Virginia	Boone County	54005	R	Manganese Compounds	1.03E-04	1.03E-04	1.26E-04	2.81E-04	3.58E-04	4.29E-04	9.99E-04	9.99E-04	1.21E-04	2.35E-04	1.97E-06	3.47E-07	0.00E+00
West Virginia	Boone County	54005	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	8.10E-09	4.29E-06	1.07E-05	3.22E-06	1.50E-03
West Virginia	Boone County	54005	R	Methylene Chloride	1.61E-01	1.61E-01	1.65E-01	1.68E-01	1.70E-01	1.70E-01	1.93E-01	1.93E-01	2.13E-06	2.03E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Boone County	54005	R	Nickel Compounds	2.58E-05	2.58E-05	3.55E-05	1.52E-04	1.32E-04	1.86E-04	2.36E-04	2.36E-04	1.11E-04	1.36E-05	4.80E-06	1.86E-06	0.00E+00
West Virginia	Boone County	54005	R	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.45E-01	1.46E-01	1.47E-01	1.52E-01	1.52E-01	3.17E-07	5.81E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Boone County	54005	R	Polychlorinated Biphenyls	4.10E-04	4.10E-04	4.10E-04	4.15E-04	4.20E-04	4.17E-04	4.64E-04	4.64E-04	0.00E+00	4.03E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Boone County	54005	R	Polycyclic Organic Matter	8.09E-03	8.09E-03	1.06E-02	1.32E-02	1.31E-02	1.61E-02	1.85E-02	1.85E-02	9.26E-05	1.02E-02	2.53E-03	3.24E-04	0.00E+00
West Virginia	Boone County	54005	R	7-PAH	5.87E-04	5.87E-04	5.95E-04	6.08E-04	6.60E-04	6.63E-04	9.44E-04	9.44E-04	3.40E-09	6.39E-04	1.77E-05	3.28E-06	0.00E+00
West Virginia	Boone County	54005	R	Propylene Dichloride	2.85E-06	2.85E-06	3.23E-06	4.61E-06	4.43E-06	5.46E-06	6.39E-06	6.39E-06	0.00E+00	4.43E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	Quinoline	0.00E+00	0.00E+00	1.76E-07	2.38E-07	2.23E-07	2.39E-07	4.80E-07	4.80E-07	0.00E+00	2.23E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	1,1,2,2-Tetrachloroethane	2.10E-05	2.10E-05	2.69E-05	3.89E-05	3.55E-05	4.53E-05	4.67E-05	4.67E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Boone County	54005	R	Trichloroethylene	8.16E-02	8.16E-02	8.18E-02	8.20E-02	8.22E-02	8.22E-02	8.33E-02	8.33E-02	0.00E+00	1.16E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Boone County	54005	R	Vinyl Chloride	5.87E-05	5.87E-05	6.91E-05	1.02E-04	9.33E-05	1.17E-04	1.21E-04	1.21E-04	0.00E+00	9.33E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	Acetaldehyde	5.06E-02	5.06E-02	5.06E-02	5.89E-02	6.50E-02	8.54E-02	8.54E-02	8.54E-02	2.99E-03	1.23E-02	4.65E-02	3.17E-03	0.00E+00
West Virginia	Braxton County	54007	R	Acrolein	1.91E-02	1.91E-02	1.91E-02	2.33E-02	2.20E-02	2.38E-02	2.38E-02	2.38E-02	6.28E-04	1.36E-02	6.96E-03	8.37E-04	0.00E+00
West Virginia	Braxton County	54007	R	Acrylonitrile	1.34E-05	1.34E-05	1.34E-05	1.93E-05	2.94E-05	5.54E-05	5.54E-05	5.54E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	Arsenic Compounds	9.10E-06	9.10E-06	9.10E-06	1.06E-05	1.09E-05	1.29E-05	1.29E-05	1.29E-05	0.00E+00	1.08E-06	8.91E-06	8.68E-07	0.00E+00
West Virginia	Braxton County	54007	R	Benzene	6.36E-01	6.36E-01	6.36E-01	6.64E-01	6.59E-01	6.77E-01	6.77E-01	6.77E-01	3.51E-05	8.31E-02	8.51E-02	1.06E-02	4.80E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Braxton County	54007	R	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
West Virginia	Braxton County	54007	R	Beryllium Compounds	1.95E-07	1.95E-07	1.95E-07	3.66E-07	3.36E-07	4.48E-07	4.48E-07	4.48E-07	0.00E+00	2.36E-07	0.00E+00	1.00E-07	0.00E+00
West Virginia	Braxton County	54007	R	1,3-Butadiene	6.54E-03	6.54E-03	6.54E-03	7.01E-03	7.73E-03	9.63E-03	9.63E-03	9.63E-03	0.00E+00	2.56E-03	4.73E-03	4.43E-04	0.00E+00
West Virginia	Braxton County	54007	R	Cadmium Compounds	6.20E-07	6.20E-07	6.20E-07	7.09E-07	7.91E-07	1.04E-06	1.04E-06	1.04E-06	0.00E+00	6.91E-07	0.00E+00	9.99E-08	0.00E+00
West Virginia	Braxton County	54007	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	7.65E-05	0.00E+00	0.00E+00	4.70E-02
West Virginia	Braxton County	54007	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.63E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Braxton County	54007	R	Chloroform	8.40E-02	8.40E-02	8.40E-02	8.43E-02	8.42E-02	8.44E-02	8.44E-02	8.44E-02	0.00E+00	1.23E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Braxton County	54007	R	Chromium Compounds (includes Hexavalent)	5.31E-06	5.31E-06	5.31E-06	6.29E-06	6.35E-06	7.47E-06	7.47E-06	7.47E-06	0.00E+00	1.02E-06	5.22E-06	1.14E-07	0.00E+00
West Virginia	Braxton County	54007	R	Chromium VI	2.20E-06	2.20E-06	2.20E-06	2.57E-06	2.59E-06	3.01E-06	3.01E-06	3.01E-06	0.00E+00	4.79E-07	2.08E-06	3.89E-08	0.00E+00
West Virginia	Braxton County	54007	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	1,4-Dichlorobenzene	2.14E-03	2.14E-03	2.14E-03	2.14E-03	2.27E-03	2.52E-03	2.52E-03	2.52E-03	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	1,3-Dichloropropene	3.87E-03	3.87E-03	3.87E-03	3.88E-03	4.11E-03	4.58E-03	4.58E-03	4.58E-03	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.28E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Braxton County	54007	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.95E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Braxton County	54007	R	Ethylene Oxide	4.15E-04	4.15E-04	4.15E-04	4.71E-04	4.62E-04	5.01E-04	5.01E-04	5.01E-04	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	Formaldehyde	3.50E-01	3.50E-01	3.50E-01	3.63E-01	3.76E-01	4.14E-01	4.14E-01	4.14E-01	3.35E-03	6.94E-02	4.70E-02	5.85E-03	2.50E-01
West Virginia	Braxton County	54007	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.79E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Braxton County	54007	R	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	1.17E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Braxton County	54007	R	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
West Virginia	Braxton County	54007	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-15	8.34E-15	8.34E-15	8.34E-15	0.00E+00	2.78E-15	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	Lead Compounds	7.51E-06	7.51E-06	7.51E-06	1.17E-05	1.07E-05	1.29E-05	1.29E-05	1.29E-05	0.00E+00	1.02E-05	0.00E+00	5.06E-07	0.00E+00
West Virginia	Braxton County	54007	R	Manganese Compounds	2.76E-05	2.76E-05	2.76E-05	3.21E-05	3.34E-05	4.06E-05	4.06E-05	4.06E-05	0.00E+00	3.17E-05	1.66E-06	9.30E-08	0.00E+00
West Virginia	Braxton County	54007	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	9.32E-07	1.06E-05	8.17E-07	1.50E-03
West Virginia	Braxton County	54007	R	Methylene Chloride	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	0.00E+00	8.69E-03	0.00E+00	0.00E+00	1.50E-01
West Virginia	Braxton County	54007	R	Nickel Compounds	9.67E-06	9.67E-06	9.67E-06	1.08E-05	1.10E-05	1.24E-05	1.24E-05	1.24E-05	0.00E+00	6.85E-06	3.96E-06	1.57E-07	0.00E+00
West Virginia	Braxton County	54007	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Braxton County	54007	R	Polychlorinated Biphenyls	3.97E-04	3.97E-04	3.97E-04	4.00E-04	4.00E-04	4.02E-04	4.02E-04	4.02E-04	0.00E+00	1.99E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Braxton County	54007	R	Polycyclic Organic Matter	1.45E-02	1.45E-02	1.45E-02	1.49E-02	1.65E-02	2.01E-02	2.01E-02	2.01E-02	0.00E+00	1.44E-02	1.99E-03	1.06E-04	0.00E+00
West Virginia	Braxton County	54007	R	7-PAH	5.15E-04	5.15E-04	5.15E-04	5.54E-04	5.46E-04	5.68E-04	5.68E-04	5.68E-04	0.00E+00	5.28E-04	1.53E-05	1.99E-06	0.00E+00
West Virginia	Braxton County	54007	R	Propylene Dichloride	6.72E-07	6.72E-07	6.72E-07	9.74E-07	1.58E-06	3.09E-06	3.09E-06	3.09E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-13	4.30E-13	4.30E-13	4.30E-13	0.00E+00	1.43E-13	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	1,1,2,2-Tetrachloroethane	4.91E-06	4.91E-06	4.91E-06	7.20E-06	1.27E-05	2.60E-05	2.60E-05	2.60E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Braxton County	54007	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.16E-02	8.15E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	5.12E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Braxton County	54007	R	Vinyl Chloride	1.21E-05	1.21E-05	1.21E-05	1.78E-05	3.13E-05	6.41E-05	6.41E-05	6.41E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	Acetaldehyde	1.35E-01	1.35E-01	1.39E-01	1.88E-01	2.00E-01	2.68E-01	2.75E-01	2.75E-01	2.19E-04	9.07E-03	1.42E-01	4.93E-02	0.00E+00
West Virginia	Brooke County	54009	R	Acrolein	2.24E-02	2.24E-02	2.33E-02	2.90E-02	3.00E-02	3.61E-02	4.01E-02	4.01E-02	5.95E-05	6.26E-03	1.95E-02	4.12E-03	0.00E+00
West Virginia	Brooke County	54009	R	Acrylonitrile	3.68E-04	3.68E-04	4.16E-04	6.03E-04	2.19E-03	1.50E-03	1.12E-02	1.12E-02	1.93E-04	2.00E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	Arsenic Compounds	1.52E-04	1.52E-04	3.22E-04	3.73E-04	3.60E-04	4.32E-04	4.75E-04	4.75E-04	3.23E-04	1.02E-05	1.92E-05	7.26E-06	0.00E+00
West Virginia	Brooke County	54009	R	Benzene	7.15E-01	7.15E-01	7.22E-01	8.97E-01	9.13E-01	1.07E+00	1.17E+00	1.17E+00	5.74E-02	8.96E-02	2.36E-01	5.00E-02	4.80E-01
West Virginia	Brooke County	54009	R	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
West Virginia	Brooke County	54009	R	Beryllium Compounds	4.15E-05	4.15E-05	6.84E-05	8.17E-05	8.69E-05	1.01E-04	1.41E-04	1.41E-04	8.34E-05	3.16E-06	0.00E+00	3.19E-07	0.00E+00
West Virginia	Brooke County	54009	R	1,3-Butadiene	7.56E-03	7.56E-03	7.57E-03	1.69E-02	1.86E-02	3.14E-02	3.39E-02	3.39E-02	3.72E-06	1.19E-03	1.43E-02	3.15E-03	0.00E+00
West Virginia	Brooke County	54009	R	Cadmium Compounds	2.60E-05	2.60E-05	2.90E-05	3.10E-05	4.32E-05	7.16E-05	8.22E-05	8.22E-05	9.05E-06	3.29E-05	0.00E+00	1.22E-06	0.00E+00
West Virginia	Brooke County	54009	R	Carbon Disulfide	4.74E-02	4.74E-02	4.75E-02	4.77E-02	5.13E-02	5.28E-02	6.62E-02	6.62E-02	8.24E-04	3.50E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Brooke County	54009	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.82E-01	8.82E-01	3.53E-07	3.87E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Brooke County	54009	R	Chloroform	8.59E-02	8.59E-02	8.60E-02	8.74E-02	8.82E-02	8.77E-02	9.64E-02	9.64E-02	2.05E-06	5.17E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Brooke County	54009	R	Chromium Compounds (includes Hexavalent)	9.66E-04	9.66E-04	1.24E-03	2.49E-03	9.19E-03	1.04E-02	4.45E-02	4.45E-02	4.32E-04	8.74E-03	1.42E-05	3.48E-06	0.00E+00
West Virginia	Brooke County	54009	R	Chromium VI	8.26E-05	8.26E-05	1.09E-04	1.88E-04	7.04E-04	1.49E-03	2.69E-03	2.69E-03	5.30E-05	6.45E-04	5.55E-06	1.18E-06	0.00E+00
West Virginia	Brooke County	54009	R	Coke Oven Emissions	2.32E-02	2.32E-02	2.72E-02	6.82E-02	1.06E+00	1.77E-01	6.93E+00	6.93E+00	1.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	1,4-Dichlorobenzene	7.24E-03	7.24E-03	7.94E-03	1.30E-02	1.55E-02	2.20E-02	2.70E-02	2.70E-02	1.77E-05	1.55E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	1,3-Dichloropropene	1.35E-02	1.35E-02	1.47E-02	2.44E-02	2.89E-02	4.18E-02	5.10E-02	5.10E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	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	1.08E-07	1.78E-06	0.00E+00	0.00E+00	7.70E-03
West Virginia	Brooke County	54009	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.13E-02	6.11E-02	6.24E-02	6.24E-02	2.92E-05	2.30E-04	0.00E+00	0.00E+00	6.10E-02
West Virginia	Brooke County	54009	R	Ethylene Oxide	9.09E-04	9.09E-04	9.72E-04	2.26E-03	2.38E-03	3.83E-03	4.42E-03	4.42E-03	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	Formaldehyde	4.09E-01	4.09E-01	4.19E-01	4.93E-01	5.01E-01	5.95E-01	6.23E-01	6.23E-01	2.38E-02	2.45E-02	1.23E-01	7.93E-02	2.50E-01
West Virginia	Brooke County	54009	R	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.36E-05	9.37E-05	9.40E-05	9.43E-05	9.43E-05	0.00E+00	6.80E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Brooke County	54009	R	Hexachlorobutadiene	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.82E-03	1.82E-03	1.82E-03	0.00E+00	1.20E-05	0.00E+00	0.00E+00	1.80E-03
West Virginia	Brooke County	54009	R	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
West Virginia	Brooke County	54009	R	Hydrazine	1.45E-08	1.45E-08	1.84E-08	3.21E-08	2.89E-07	1.88E-07	1.70E-06	1.70E-06	0.00E+00	2.89E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	Lead Compounds	1.06E-03	1.06E-03	1.18E-03	1.36E-03	3.05E-03	1.72E-03	1.33E-02	1.33E-02	4.90E-04	2.30E-03	0.00E+00	2.62E-04	0.00E+00
West Virginia	Brooke County	54009	R	Manganese Compounds	2.57E-03	2.57E-03	2.95E-03	1.07E-02	5.95E-02	1.52E-02	3.66E-01	3.66E-01	3.82E-04	5.91E-02	4.34E-06	8.53E-06	0.00E+00
West Virginia	Brooke County	54009	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.56E-03	1.56E-03	1.57E-03	1.60E-03	1.60E-03	5.96E-06	2.55E-05	2.05E-05	7.78E-06	1.50E-03
West Virginia	Brooke County	54009	R	Methylene Chloride	1.77E-01	1.77E-01	1.80E-01	2.01E-01	2.21E-01	2.73E-01	2.92E-01	2.92E-01	4.75E-03	6.59E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Brooke County	54009	R	Nickel Compounds	7.03E-04	7.03E-04	7.74E-04	1.57E-03	3.69E-03	1.82E-03	1.81E-02	1.81E-02	3.61E-04	3.11E-03	1.04E-05	2.07E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Brooke County	54009	R	Perchloroethylene	1.56E-01	1.56E-01	1.56E-01	1.60E-01	1.66E-01	1.81E-01	1.84E-01	1.84E-01	3.49E-04	2.53E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Brooke County	54009	R	Polychlorinated Biphenyls	4.11E-04	4.11E-04	4.12E-04	4.35E-04	4.49E-04	4.82E-04	5.12E-04	5.12E-04	6.98E-10	6.86E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Brooke County	54009	R	Polycyclic Organic Matter	3.41E-02	3.41E-02	4.77E-02	8.75E-02	1.36E-01	1.98E-01	3.71E-01	3.71E-01	8.22E-02	4.71E-02	5.34E-03	1.21E-03	0.00E+00
West Virginia	Brooke County	54009	R	7-PAH	5.20E-04	5.20E-04	5.72E-04	7.23E-04	7.57E-04	9.51E-04	1.05E-03	1.05E-03	5.61E-07	6.91E-04	3.53E-05	3.04E-05	0.00E+00
West Virginia	Brooke County	54009	R	Propylene Dichloride	2.22E-05	2.22E-05	2.51E-05	3.11E-05	1.30E-04	8.89E-05	6.79E-04	6.79E-04	1.17E-05	1.18E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	Quinoline	2.40E-04	2.40E-04	3.21E-04	1.08E-03	1.56E-03	2.73E-03	3.42E-03	3.42E-03	1.23E-03	3.31E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	1,1,2,2-Tetrachloroethane	1.90E-04	1.90E-04	2.18E-04	2.67E-04	1.10E-03	3.35E-04	6.17E-03	6.17E-03	1.07E-04	9.96E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Brooke County	54009	R	Trichloroethylene	9.49E-02	9.49E-02	9.53E-02	1.13E-01	1.14E-01	1.21E-01	1.58E-01	1.58E-01	2.44E-02	8.62E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Brooke County	54009	R	Vinyl Chloride	4.79E-04	4.79E-04	5.29E-04	6.20E-04	2.68E-03	7.57E-04	1.52E-02	1.52E-02	2.63E-04	2.42E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	Acetaldehyde	3.40E-01	3.75E-01	4.67E-01	5.74E-01	7.24E-01	6.55E-01	1.14E+00	1.71E+00	1.64E-01	1.07E-02	1.96E-01	3.54E-01	0.00E+00
West Virginia	Cabell County	54011	U	Acrolein	3.80E-02	3.90E-02	5.14E-02	5.90E-02	5.99E-02	6.60E-02	7.54E-02	8.25E-02	3.67E-04	1.91E-02	2.78E-02	1.26E-02	0.00E+00
West Virginia	Cabell County	54011	U	Acrylonitrile	2.71E-03	3.24E-03	4.31E-03	5.06E-03	5.03E-03	5.58E-03	6.70E-03	7.08E-03	4.33E-03	7.05E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	Arsenic Compounds	1.16E-04	1.27E-04	1.57E-04	1.86E-04	2.00E-04	2.27E-04	2.86E-04	3.23E-04	1.10E-04	2.85E-05	2.80E-05	3.38E-05	0.00E+00
West Virginia	Cabell County	54011	U	Benzene	8.21E-01	9.13E-01	1.06E+00	1.23E+00	1.23E+00	1.36E+00	1.57E+00	1.71E+00	1.36E-02	1.92E-01	4.12E-01	1.37E-01	4.80E-01
West Virginia	Cabell County	54011	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
West Virginia	Cabell County	54011	U	Beryllium Compounds	6.14E-06	7.28E-06	9.67E-06	1.27E-05	1.46E-05	2.12E-05	2.35E-05	2.44E-05	4.22E-06	7.27E-06	0.00E+00	3.07E-06	0.00E+00
West Virginia	Cabell County	54011	U	1,3-Butadiene	1.07E-02	1.61E-02	2.18E-02	3.72E-02	3.90E-02	4.76E-02	6.93E-02	7.67E-02	1.26E-04	1.50E-03	2.81E-02	9.31E-03	0.00E+00
West Virginia	Cabell County	54011	U	Cadmium Compounds	2.51E-05	2.71E-05	2.97E-05	4.29E-05	8.69E-05	6.75E-05	1.25E-04	2.56E-04	9.76E-06	6.78E-05	0.00E+00	9.31E-06	0.00E+00
West Virginia	Cabell County	54011	U	Carbon Disulfide	4.86E-02	4.88E-02	4.89E-02	4.98E-02	5.14E-02	5.17E-02	5.59E-02	5.64E-02	4.26E-04	3.97E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Cabell County	54011	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	0.00E+00	6.32E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Cabell County	54011	U	Chloroform	8.95E-02	9.00E-02	9.71E-02	1.06E-01	1.08E-01	1.23E-01	1.27E-01	1.28E-01	2.44E-09	2.53E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Cabell County	54011	U	Chromium Compounds (includes Hexavalent)	2.22E-04	2.35E-04	2.99E-04	3.88E-04	5.19E-04	4.71E-04	7.43E-04	1.07E-03	1.61E-04	3.11E-04	2.30E-05	2.33E-05	0.00E+00
West Virginia	Cabell County	54011	U	Chromium VI	5.12E-05	5.38E-05	6.07E-05	8.24E-05	9.03E-05	1.06E-04	1.41E-04	2.08E-04	2.12E-05	5.20E-05	9.19E-06	7.91E-06	0.00E+00
West Virginia	Cabell County	54011	U	Coke Oven Emissions	8.89E-03	9.96E-03	1.57E-02	2.42E-02	2.34E-02	2.94E-02	3.45E-02	3.79E-02	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	1,4-Dichlorobenzene	8.49E-03	9.78E-03	2.06E-02	3.30E-02	3.53E-02	4.83E-02	6.20E-02	6.24E-02	4.40E-09	3.53E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	1,3-Dichloropropene	1.54E-02	1.80E-02	3.88E-02	6.29E-02	6.72E-02	9.21E-02	1.19E-01	1.19E-01	0.00E+00	6.72E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	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	7.44E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Cabell County	54011	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	2.10E-06	8.70E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Cabell County	54011	U	Ethylene Oxide	3.57E-03	4.09E-03	5.01E-03	6.64E-03	1.01E-02	1.40E-02	1.97E-02	1.99E-02	7.58E-04	9.38E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	Formaldehyde	4.63E-01	5.20E-01	6.85E-01	7.77E-01	1.01E+00	9.26E-01	1.68E+00	2.37E+00	7.82E-04	7.96E-02	1.87E-01	4.93E-01	2.50E-01
West Virginia	Cabell County	54011	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.37E-05	9.40E-05	9.39E-05	9.42E-05	9.44E-05	9.44E-05	0.00E+00	9.35E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Cabell County	54011	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	2.64E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Cabell County	54011	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
West Virginia	Cabell County	54011	U	Hydrazine	1.14E-09	1.78E-09	5.36E-09	1.97E-08	2.01E-07	3.38E-08	4.78E-07	8.91E-07	0.00E+00	2.01E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	Lead Compounds	4.67E-04	5.00E-04	7.53E-04	1.40E-03	4.02E-03	2.33E-03	5.41E-03	1.48E-02	2.31E-04	3.48E-03	0.00E+00	3.11E-04	0.00E+00
West Virginia	Cabell County	54011	U	Manganese Compounds	4.03E-03	4.64E-03	6.59E-03	1.29E-02	1.82E-02	1.46E-02	2.50E-02	9.86E-02	7.48E-03	1.06E-02	7.40E-06	5.74E-05	0.00E+00
West Virginia	Cabell County	54011	U	Mercury Compounds	1.53E-03	1.54E-03	1.56E-03	1.59E-03	1.62E-03	1.63E-03	1.72E-03	1.73E-03	4.62E-06	3.26E-05	2.78E-05	5.01E-05	1.50E-03
West Virginia	Cabell County	54011	U	Methylene Chloride	1.77E-01	1.87E-01	2.52E-01	3.05E-01	3.51E-01	4.39E-01	5.20E-01	6.83E-01	3.17E-02	1.69E-01	0.00E+00	0.00E+00	1.50E-01
West Virginia	Cabell County	54011	U	Nickel Compounds	7.69E-04	8.49E-04	2.33E-03	3.85E-03	7.02E-03	6.81E-03	1.68E-02	2.40E-02	2.15E-04	5.41E-03	1.70E-05	1.37E-03	0.00E+00
West Virginia	Cabell County	54011	U	Perchloroethylene	1.51E-01	1.53E-01	1.73E-01	1.98E-01	1.99E-01	2.21E-01	2.54E-01	2.55E-01	5.67E-04	5.85E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Cabell County	54011	U	Polychlorinated Biphenyls	4.10E-04	4.14E-04	4.61E-04	4.99E-04	4.93E-04	5.28E-04	5.45E-04	5.55E-04	9.74E-09	1.13E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Cabell County	54011	U	Polycyclic Organic Matter	2.62E-02	3.61E-02	5.09E-02	6.20E-02	6.01E-02	7.07E-02	7.79E-02	8.08E-02	6.55E-03	3.75E-02	9.16E-03	6.95E-03	0.00E+00
West Virginia	Cabell County	54011	U	7-PAH	6.65E-04	6.84E-04	1.17E-03	1.36E-03	1.39E-03	1.62E-03	1.81E-03	2.06E-03	2.24E-06	1.13E-03	5.79E-05	2.04E-04	0.00E+00
West Virginia	Cabell County	54011	U	Propylene Dichloride	7.47E-05	7.56E-05	7.73E-05	8.76E-05	1.11E-04	1.13E-04	1.47E-04	1.90E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	Quinoline	6.75E-07	8.04E-05	1.04E-04	1.30E-04	1.19E-04	1.42E-04	1.55E-04	1.63E-04	1.18E-04	6.69E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	1,1,2,2-Tetrachloroethane	1.20E-04	1.21E-04	1.26E-04	1.39E-04	2.90E-04	1.80E-04	2.98E-04	5.06E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Cabell County	54011	U	Trichloroethylene	8.31E-02	8.35E-02	8.80E-02	9.43E-02	1.04E-01	1.15E-01	1.29E-01	1.50E-01	0.00E+00	2.34E-02	0.00E+00	0.00E+00	8.10E-02
West Virginia	Cabell County	54011	U	Vinyl Chloride	3.17E-04	3.20E-04	3.39E-04	3.68E-04	7.41E-04	5.09E-04	7.53E-04	1.26E-03	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	Acetaldehyde	4.52E-02	4.52E-02	4.52E-02	4.64E-02	4.64E-02	4.77E-02	4.77E-02	4.77E-02	8.32E-04	1.47E-02	2.76E-02	3.39E-03	0.00E+00
West Virginia	Calhoun County	54013	R	Acrolein	1.86E-02	1.86E-02	1.86E-02	1.92E-02	1.92E-02	1.97E-02	1.97E-02	1.97E-02	1.40E-04	1.37E-02	4.71E-03	6.25E-04	0.00E+00
West Virginia	Calhoun County	54013	R	Acrylonitrile	5.17E-06	5.17E-06	5.17E-06	1.88E-05	1.88E-05	3.24E-05	3.24E-05	3.24E-05	2.77E-06	1.60E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	Arsenic Compounds	5.85E-06	5.85E-06	5.85E-06	1.18E-05	1.18E-05	1.77E-05	1.77E-05	1.77E-05	5.62E-06	9.44E-07	4.24E-06	9.62E-07	0.00E+00
West Virginia	Calhoun County	54013	R	Benzene	6.16E-01	6.16E-01	6.16E-01	6.61E-01	6.61E-01	7.06E-01	7.06E-01	7.06E-01	1.90E-05	1.29E-01	4.56E-02	6.29E-03	4.80E-01
West Virginia	Calhoun County	54013	R	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
West Virginia	Calhoun County	54013	R	Beryllium Compounds	2.47E-07	2.47E-07	2.47E-07	5.27E-07	5.27E-07	8.07E-07	8.07E-07	8.07E-07	2.87E-07	2.31E-07	0.00E+00	9.51E-09	0.00E+00
West Virginia	Calhoun County	54013	R	1,3-Butadiene	4.21E-03	4.21E-03	4.21E-03	4.53E-03	4.53E-03	4.85E-03	4.85E-03	4.85E-03	0.00E+00	2.67E-03	1.57E-03	2.90E-04	0.00E+00
West Virginia	Calhoun County	54013	R	Cadmium Compounds	4.92E-07	4.92E-07	4.92E-07	5.72E-07	5.72E-07	6.52E-07	6.52E-07	6.52E-07	7.67E-08	4.76E-07	0.00E+00	1.92E-08	0.00E+00
West Virginia	Calhoun County	54013	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	1.02E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Calhoun County	54013	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.25E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Calhoun County	54013	R	Chloroform	8.35E-02	8.35E-02	8.35E-02	8.36E-02	8.36E-02	8.37E-02	8.37E-02	8.37E-02	1.19E-06	5.98E-04	0.00E+00	0.00E+00	8.30E-02
West Virginia	Calhoun County	54013	R	Chromium Compounds (includes Hexavalent)	3.49E-06	3.49E-06	3.49E-06	1.76E-05	1.76E-05	3.16E-05	3.16E-05	3.16E-05	1.40E-05	7.96E-07	2.60E-06	1.12E-07	0.00E+00
West Virginia	Calhoun County	54013	R	Chromium VI	1.44E-06	1.44E-06	1.44E-06	3.91E-06	3.91E-06	6.38E-06	6.38E-06	6.38E-06	2.48E-06	3.48E-07	1.04E-06	3.82E-08	0.00E+00
West Virginia	Calhoun County	54013	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	1,4-Dichlorobenzene	2.02E-03	2.02E-03	2.02E-03	2.23E-03	2.23E-03	2.43E-03	2.43E-03	2.43E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Calhoun County	54013	R	1,3-Dichloropropene	3.66E-03	3.66E-03	3.66E-03	4.03E-03	4.03E-03	4.40E-03	4.40E-03	4.40E-03	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.44E-09	0.00E+00	0.00E+00	7.70E-03
West Virginia	Calhoun County	54013	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.23E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Calhoun County	54013	R	Ethylene Oxide	3.87E-04	3.87E-04	3.87E-04	4.69E-04	4.69E-04	5.51E-04	5.51E-04	5.51E-04	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	Formaldehyde	3.43E-01	3.43E-01	3.43E-01	3.44E-01	3.44E-01	3.44E-01	3.44E-01	3.44E-01	5.02E-04	5.95E-02	2.72E-02	6.46E-03	2.50E-01
West Virginia	Calhoun County	54013	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Calhoun County	54013	R	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	1.35E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Calhoun County	54013	R	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
West Virginia	Calhoun County	54013	R	Hydrazine	1.02E-11	1.02E-11	1.02E-11	2.40E-11	2.40E-11	3.78E-11	3.78E-11	3.78E-11	0.00E+00	2.40E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	Lead Compounds	7.34E-06	7.34E-06	7.34E-06	1.62E-05	1.62E-05	2.50E-05	2.50E-05	2.50E-05	2.40E-06	1.34E-05	0.00E+00	3.03E-07	0.00E+00
West Virginia	Calhoun County	54013	R	Manganese Compounds	2.40E-05	2.40E-05	2.40E-05	2.69E-05	2.69E-05	2.99E-05	2.99E-05	2.99E-05	8.44E-06	1.75E-05	7.80E-07	1.92E-07	0.00E+00
West Virginia	Calhoun County	54013	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	2.17E-07	5.70E-07	4.99E-06	8.36E-07	1.50E-03
West Virginia	Calhoun County	54013	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.58E-01	1.58E-01	1.61E-01	1.61E-01	1.61E-01	5.01E-06	8.05E-03	0.00E+00	0.00E+00	1.50E-01
West Virginia	Calhoun County	54013	R	Nickel Compounds	6.06E-06	6.06E-06	6.06E-06	2.51E-05	2.51E-05	4.42E-05	4.42E-05	4.42E-05	1.41E-05	6.58E-06	1.97E-06	2.49E-06	0.00E+00
West Virginia	Calhoun County	54013	R	Perchloroethylene	1.51E-01	1.51E-01	1.51E-01	1.53E-01	1.53E-01	1.55E-01	1.55E-01	1.55E-01	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Calhoun County	54013	R	Polychlorinated Biphenyls	3.97E-04	3.97E-04	3.97E-04	4.02E-04	4.02E-04	4.08E-04	4.08E-04	4.08E-04	0.00E+00	2.22E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Calhoun County	54013	R	Polycyclic Organic Matter	9.97E-03	9.97E-03	9.97E-03	1.17E-02	1.17E-02	1.34E-02	1.34E-02	1.34E-02	1.11E-09	1.05E-02	1.04E-03	9.50E-05	0.00E+00
West Virginia	Calhoun County	54013	R	7-PAH	5.04E-04	5.04E-04	5.04E-04	5.51E-04	5.51E-04	5.98E-04	5.98E-04	5.98E-04	0.00E+00	5.42E-04	7.32E-06	1.29E-06	0.00E+00
West Virginia	Calhoun County	54013	R	Propylene Dichloride	1.85E-07	1.85E-07	1.85E-07	7.45E-07	7.45E-07	1.30E-06	1.30E-06	1.30E-06	0.00E+00	7.45E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	Quinoline	4.66E-10	4.66E-10	4.66E-10	8.04E-10	8.04E-10	1.14E-09	1.14E-09	1.14E-09	0.00E+00	8.04E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	1,1,2,2-Tetrachloroethane	5.08E-07	5.08E-07	5.08E-07	4.73E-06	4.73E-06	8.95E-06	8.95E-06	8.95E-06	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Calhoun County	54013	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.15E-02	8.15E-02	8.17E-02	8.17E-02	8.17E-02	0.00E+00	4.63E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Calhoun County	54013	R	Vinyl Chloride	1.29E-06	1.29E-06	1.29E-06	1.17E-05	1.17E-05	2.21E-05	2.21E-05	2.21E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	Acetaldehyde	6.47E-02	6.47E-02	6.47E-02	7.27E-02	7.19E-02	7.82E-02	7.82E-02	7.82E-02	4.05E-05	1.65E-02	5.21E-02	3.24E-03	0.00E+00
West Virginia	Clay County	54015	R	Acrolein	2.20E-02	2.20E-02	2.20E-02	2.59E-02	2.48E-02	2.66E-02	2.66E-02	2.66E-02	7.00E-06	1.62E-02	7.58E-03	1.06E-03	0.00E+00
West Virginia	Clay County	54015	R	Acrylonitrile	2.58E-05	2.58E-05	2.58E-05	3.52E-05	3.63E-05	4.79E-05	4.79E-05	4.79E-05	2.32E-06	3.40E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	Arsenic Compounds	1.53E-05	1.53E-05	1.53E-05	3.49E-05	2.94E-05	3.79E-05	3.79E-05	3.79E-05	4.09E-06	1.75E-05	7.07E-06	7.17E-07	0.00E+00
West Virginia	Clay County	54015	R	Benzene	6.32E-01	6.32E-01	6.32E-01	6.56E-01	6.62E-01	6.97E-01	6.97E-01	6.97E-01	1.57E-05	9.35E-02	7.65E-02	1.20E-02	4.80E-01
West Virginia	Clay County	54015	R	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
West Virginia	Clay County	54015	R	Beryllium Compounds	5.95E-07	5.95E-07	5.95E-07	6.40E-07	6.63E-07	7.52E-07	7.52E-07	7.52E-07	2.15E-07	3.38E-07	0.00E+00	1.09E-07	0.00E+00
West Virginia	Clay County	54015	R	1,3-Butadiene	4.24E-03	4.24E-03	4.24E-03	5.10E-03	6.86E-03	1.12E-02	1.12E-02	1.12E-02	2.34E-08	3.52E-03	2.89E-03	4.40E-04	0.00E+00
West Virginia	Clay County	54015	R	Cadmium Compounds	1.52E-06	1.52E-06	1.52E-06	1.61E-06	1.62E-06	1.73E-06	1.73E-06	1.73E-06	5.29E-07	9.79E-07	0.00E+00	1.10E-07	0.00E+00
West Virginia	Clay County	54015	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	1.49E-06	1.21E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Clay County	54015	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.37E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Clay County	54015	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.38E-02	8.39E-02	8.40E-02	8.40E-02	8.40E-02	3.25E-09	8.62E-04	0.00E+00	0.00E+00	8.30E-02
West Virginia	Clay County	54015	R	Chromium Compounds (includes Hexavalent)	1.75E-05	1.75E-05	1.75E-05	1.86E-05	1.90E-05	2.10E-05	2.10E-05	2.10E-05	1.22E-05	2.23E-06	4.43E-06	1.47E-07	0.00E+00
West Virginia	Clay County	54015	R	Chromium VI	3.97E-06	3.97E-06	3.97E-06	4.14E-06	4.25E-06	4.64E-06	4.64E-06	4.64E-06	1.31E-06	1.12E-06	1.77E-06	5.00E-08	0.00E+00
West Virginia	Clay County	54015	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	1,4-Dichlorobenzene	2.81E-03	2.81E-03	2.81E-03	3.07E-03	3.15E-03	3.56E-03	3.56E-03	3.56E-03	5.92E-09	3.15E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	1,3-Dichloropropene	5.04E-03	5.04E-03	5.04E-03	5.55E-03	5.71E-03	6.53E-03	6.53E-03	6.53E-03	0.00E+00	5.71E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.11E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Clay County	54015	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.79E-07	2.75E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Clay County	54015	R	Ethylene Oxide	5.84E-04	5.84E-04	5.84E-04	6.18E-04	6.31E-04	6.92E-04	6.92E-04	6.92E-04	6.30E-07	6.31E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	Formaldehyde	3.67E-01	3.67E-01	3.67E-01	3.72E-01	3.79E-01	3.97E-01	3.97E-01	3.97E-01	1.78E-05	7.13E-02	5.11E-02	6.51E-03	2.50E-01
West Virginia	Clay County	54015	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.39E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Clay County	54015	R	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	1.88E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Clay County	54015	R	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
West Virginia	Clay County	54015	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	Lead Compounds	6.26E-05	6.26E-05	6.26E-05	1.43E-04	1.28E-04	1.80E-04	1.80E-04	1.80E-04	5.91E-05	3.33E-05	0.00E+00	3.61E-05	0.00E+00
West Virginia	Clay County	54015	R	Manganese Compounds	7.14E-05	7.14E-05	7.14E-05	1.51E-04	1.40E-04	1.98E-04	1.98E-04	1.98E-04	1.94E-05	1.19E-04	1.40E-06	1.10E-07	0.00E+00
West Virginia	Clay County	54015	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	6.81E-09	2.14E-06	8.14E-06	7.32E-07	1.50E-03
West Virginia	Clay County	54015	R	Methylene Chloride	1.58E-01	1.58E-01	1.58E-01	1.62E-01	1.61E-01	1.63E-01	1.63E-01	1.63E-01	2.78E-06	1.11E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Clay County	54015	R	Nickel Compounds	1.96E-05	1.96E-05	1.96E-05	2.07E-05	2.21E-05	2.58E-05	2.58E-05	2.58E-05	1.22E-05	5.79E-06	3.39E-06	6.52E-07	0.00E+00
West Virginia	Clay County	54015	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.45E-01	1.44E-01	1.46E-01	1.46E-01	1.46E-01	4.13E-07	4.06E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Clay County	54015	R	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.91E-04	4.14E-04	4.08E-04	4.19E-04	4.19E-04	4.19E-04	0.00E+00	2.78E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Clay County	54015	R	Polycyclic Organic Matter	1.40E-02	1.40E-02	1.40E-02	1.75E-02	1.78E-02	2.19E-02	2.19E-02	2.19E-02	2.35E-05	1.58E-02	1.76E-03	1.68E-04	0.00E+00
West Virginia	Clay County	54015	R	7-PAH	4.86E-04	4.86E-04	4.86E-04	7.08E-04	6.77E-04	8.37E-04	8.37E-04	8.37E-04	4.30E-09	6.61E-04	1.27E-05	2.91E-06	0.00E+00
West Virginia	Clay County	54015	R	Propylene Dichloride	1.19E-06	1.19E-06	1.19E-06	1.54E-06	1.52E-06	1.82E-06	1.82E-06	1.82E-06	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	1,1,2,2-Tetrachloroethane	7.72E-06	7.72E-06	7.72E-06	1.11E-05	1.11E-05	1.44E-05	1.44E-05	1.44E-05	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Clay County	54015	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	5.12E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Clay County	54015	R	Vinyl Chloride	1.91E-05	1.91E-05	1.91E-05	2.92E-05	2.89E-05	3.84E-05	3.84E-05	3.84E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	Acetaldehyde	5.57E-02	5.57E-02	5.57E-02	6.16E-02	6.16E-02	6.75E-02	6.75E-02	6.75E-02	6.07E-07	2.24E-02	3.12E-02	7.99E-03	0.00E+00
West Virginia	Doddridge County	54017	R	Acrolein	2.10E-02	2.10E-02	2.10E-02	2.34E-02	2.34E-02	2.57E-02	2.57E-02	2.57E-02	1.07E-07	1.71E-02	5.30E-03	9.63E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Doddridge County	54017	R	Acrylonitrile	2.05E-04	2.05E-04	2.05E-04	2.15E-04	2.15E-04	2.26E-04	2.26E-04	2.26E-04	6.31E-05	1.52E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	Arsenic Compounds	2.06E-05	2.06E-05	2.06E-05	2.71E-05	2.71E-05	3.37E-05	3.37E-05	3.37E-05	1.95E-05	1.30E-06	4.59E-06	1.77E-06	0.00E+00
West Virginia	Doddridge County	54017	R	Benzene	6.63E-01	6.63E-01	6.63E-01	6.73E-01	6.73E-01	6.82E-01	6.82E-01	6.82E-01	3.41E-05	1.31E-01	5.26E-02	8.96E-03	4.80E-01
West Virginia	Doddridge County	54017	R	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
West Virginia	Doddridge County	54017	R	Beryllium Compounds	1.17E-06	1.17E-06	1.17E-06	1.68E-06	1.68E-06	2.19E-06	2.19E-06	2.19E-06	1.27E-06	3.75E-07	0.00E+00	3.83E-08	0.00E+00
West Virginia	Doddridge County	54017	R	1,3-Butadiene	4.73E-03	4.73E-03	4.73E-03	6.51E-03	6.51E-03	8.29E-03	8.29E-03	8.29E-03	0.00E+00	4.21E-03	1.94E-03	3.65E-04	0.00E+00
West Virginia	Doddridge County	54017	R	Cadmium Compounds	7.46E-07	7.46E-07	7.46E-07	1.06E-06	1.06E-06	1.37E-06	1.37E-06	1.37E-06	3.65E-07	6.22E-07	0.00E+00	7.31E-08	0.00E+00
West Virginia	Doddridge County	54017	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.75E-02	4.75E-02	4.77E-02	4.77E-02	4.77E-02	6.07E-08	4.74E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Doddridge County	54017	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.00E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Doddridge County	54017	R	Chloroform	8.42E-02	8.42E-02	8.42E-02	8.44E-02	8.44E-02	8.46E-02	8.46E-02	8.46E-02	4.14E-06	1.35E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Doddridge County	54017	R	Chromium Compounds (includes Hexavalent)	3.61E-05	3.61E-05	3.61E-05	4.75E-05	4.75E-05	5.90E-05	5.90E-05	5.90E-05	4.29E-05	1.48E-06	2.93E-06	2.34E-07	0.00E+00
West Virginia	Doddridge County	54017	R	Chromium VI	7.23E-06	7.23E-06	7.23E-06	8.78E-06	8.78E-06	1.03E-05	1.03E-05	1.03E-05	6.88E-06	6.27E-07	1.20E-06	7.96E-08	0.00E+00
West Virginia	Doddridge County	54017	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	1,4-Dichlorobenzene	2.97E-03	2.97E-03	2.97E-03	3.27E-03	3.27E-03	3.57E-03	3.57E-03	3.57E-03	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	1,3-Dichloropropene	5.30E-03	5.30E-03	5.30E-03	5.88E-03	5.88E-03	6.46E-03	6.46E-03	6.46E-03	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.32E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Doddridge County	54017	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.87E-08	1.93E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Doddridge County	54017	R	Ethylene Oxide	6.27E-04	6.27E-04	6.27E-04	6.58E-04	6.58E-04	6.89E-04	6.89E-04	6.89E-04	1.28E-06	6.57E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	Formaldehyde	3.63E-01	3.63E-01	3.63E-01	3.81E-01	3.81E-01	4.00E-01	4.00E-01	4.00E-01	9.93E-06	8.89E-02	2.93E-02	1.33E-02	2.50E-01
West Virginia	Doddridge County	54017	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.47E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Doddridge County	54017	R	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	1.89E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Doddridge County	54017	R	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
West Virginia	Doddridge County	54017	R	Hydrazine	8.54E-10	8.54E-10	8.54E-10	1.34E-06	1.34E-06	2.69E-06	2.69E-06	2.69E-06	1.34E-06	1.68E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	Lead Compounds	6.34E-05	6.34E-05	6.34E-05	6.75E-05	6.75E-05	7.17E-05	7.17E-05	7.17E-05	8.87E-06	1.90E-05	0.00E+00	3.96E-05	0.00E+00
West Virginia	Doddridge County	54017	R	Manganese Compounds	4.17E-05	4.17E-05	4.17E-05	5.54E-05	5.54E-05	6.91E-05	6.91E-05	6.91E-05	3.31E-05	2.09E-05	9.19E-07	5.19E-07	0.00E+00
West Virginia	Doddridge County	54017	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.25E-06	1.19E-06	5.32E-06	1.63E-06	1.50E-03
West Virginia	Doddridge County	54017	R	Methylene Chloride	1.63E-01	1.63E-01	1.63E-01	1.64E-01	1.64E-01	1.66E-01	1.66E-01	1.66E-01	4.12E-05	1.44E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Doddridge County	54017	R	Nickel Compounds	4.73E-05	4.73E-05	4.73E-05	6.79E-05	6.79E-05	8.85E-05	8.85E-05	8.85E-05	4.69E-05	1.10E-05	2.17E-06	7.85E-06	0.00E+00
West Virginia	Doddridge County	54017	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.90E-08	2.45E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Doddridge County	54017	R	Polychlorinated Biphenyls	3.96E-04	3.96E-04	3.96E-04	4.06E-04	4.06E-04	4.17E-04	4.17E-04	4.17E-04	0.00E+00	2.63E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Doddridge County	54017	R	Polycyclic Organic Matter	2.21E-02	2.21E-02	2.21E-02	2.76E-02	2.76E-02	3.30E-02	3.30E-02	3.30E-02	1.54E-02	1.09E-02	1.18E-03	1.79E-04	0.00E+00
West Virginia	Doddridge County	54017	R	7-PAH	5.88E-04	5.88E-04	5.88E-04	7.58E-04	7.58E-04	9.28E-04	9.28E-04	9.28E-04	5.78E-05	6.90E-04	7.92E-06	2.52E-06	0.00E+00
West Virginia	Doddridge County	54017	R	Propylene Dichloride	8.79E-06	8.79E-06	8.79E-06	9.21E-06	9.21E-06	9.64E-06	9.64E-06	9.64E-06	0.00E+00	9.21E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	Quinoline	2.87E-08	2.87E-08	2.87E-08	6.57E-08	6.57E-08	1.03E-07	1.03E-07	1.03E-07	0.00E+00	6.57E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	1,1,2,2-Tetrachloroethane	6.84E-05	6.84E-05	6.84E-05	7.62E-05	7.62E-05	8.41E-05	8.41E-05	8.41E-05	0.00E+00	7.62E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Doddridge County	54017	R	Trichloroethylene	8.17E-02	8.17E-02	8.17E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	7.88E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Doddridge County	54017	R	Vinyl Chloride	1.65E-04	1.65E-04	1.65E-04	1.86E-04	1.86E-04	2.06E-04	2.06E-04	2.06E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	Acetaldehyde	5.25E-02	5.40E-02	5.51E-02	6.80E-02	8.37E-02	8.21E-02	9.60E-02	2.41E-01	7.53E-06	1.18E-02	6.30E-02	8.86E-03	0.00E+00
West Virginia	Fayette County	54019	R	Acrolein	1.80E-02	1.82E-02	1.85E-02	2.28E-02	2.24E-02	2.60E-02	2.67E-02	3.05E-02	1.20E-06	1.17E-02	9.08E-03	1.62E-03	0.00E+00
West Virginia	Fayette County	54019	R	Acrylonitrile	4.75E-05	5.65E-05	7.64E-05	1.10E-04	1.94E-04	1.83E-04	1.91E-04	1.00E-03	1.17E-06	1.92E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	Arsenic Compounds	9.25E-06	1.22E-05	3.38E-05	3.77E-05	4.05E-05	5.37E-05	6.18E-05	7.37E-05	1.72E-06	2.74E-05	9.31E-06	2.06E-06	0.00E+00
West Virginia	Fayette County	54019	R	Benzene	6.15E-01	6.17E-01	6.30E-01	6.56E-01	6.90E-01	7.30E-01	8.31E-01	8.39E-01	6.72E-06	8.17E-02	1.05E-01	2.30E-02	4.80E-01
West Virginia	Fayette County	54019	R	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
West Virginia	Fayette County	54019	R	Beryllium Compounds	1.02E-06	1.12E-06	1.69E-06	3.67E-06	3.84E-06	5.84E-06	6.26E-06	6.66E-06	9.58E-08	3.08E-06	0.00E+00	6.56E-07	0.00E+00
West Virginia	Fayette County	54019	R	1,3-Butadiene	4.99E-03	5.32E-03	5.71E-03	6.49E-03	9.32E-03	1.09E-02	1.57E-02	2.40E-02	8.26E-09	2.45E-03	5.34E-03	1.54E-03	0.00E+00
West Virginia	Fayette County	54019	R	Cadmium Compounds	1.64E-06	1.66E-06	1.71E-06	1.95E-06	2.22E-06	2.72E-06	2.91E-06	3.64E-06	2.35E-07	1.33E-06	0.00E+00	6.58E-07	0.00E+00
West Virginia	Fayette County	54019	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.73E-02	4.75E-02	4.82E-02	6.52E-07	3.04E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Fayette County	54019	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.28E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Fayette County	54019	R	Chloroform	8.38E-02	8.40E-02	8.42E-02	8.45E-02	8.48E-02	8.51E-02	8.57E-02	8.72E-02	1.25E-09	1.75E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Fayette County	54019	R	Chromium Compounds (includes Hexavalent)	8.89E-06	9.02E-06	1.38E-05	2.23E-05	2.39E-05	3.19E-05	3.67E-05	4.33E-05	7.55E-06	9.82E-06	6.16E-06	3.67E-07	0.00E+00
West Virginia	Fayette County	54019	R	Chromium VI	2.55E-06	2.89E-06	3.22E-06	4.38E-06	4.53E-06	5.86E-06	6.00E-06	8.94E-06	7.56E-07	1.19E-06	2.45E-06	1.25E-07	0.00E+00
West Virginia	Fayette County	54019	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	1,4-Dichlorobenzene	2.84E-03	2.89E-03	3.06E-03	5.37E-03	7.04E-03	1.13E-02	1.15E-02	2.19E-02	2.29E-09	7.04E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	1,3-Dichloropropene	5.09E-03	5.17E-03	5.60E-03	9.98E-03	1.32E-02	2.14E-02	2.16E-02	4.17E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	9.27E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Fayette County	54019	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	2.09E-07	2.06E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Fayette County	54019	R	Ethylene Oxide	5.86E-04	6.01E-04	6.12E-04	1.07E-03	1.50E-03	2.23E-03	2.24E-03	5.15E-03	2.52E-07	1.50E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	Formaldehyde	3.40E-01	3.43E-01	3.45E-01	3.73E-01	3.81E-01	3.98E-01	4.05E-01	5.17E-01	1.34E-06	5.05E-02	6.32E-02	1.76E-02	2.50E-01
West Virginia	Fayette County	54019	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.38E-05	9.39E-05	9.49E-05	0.00E+00	5.35E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Fayette County	54019	R	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	4.51E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Fayette County	54019	R	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
West Virginia	Fayette County	54019	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	Lead Compounds	4.33E-05	5.64E-05	5.82E-05	6.82E-05	1.02E-04	1.07E-04	1.90E-04	3.03E-04	4.90E-05	3.64E-05	0.00E+00	1.68E-05	0.00E+00
West Virginia	Fayette County	54019	R	Manganese Compounds	4.64E-05	8.78E-05	9.12E-05	1.15E-04	1.10E-04	1.29E-04	1.35E-04	1.52E-04	1.43E-05	9.33E-05	1.94E-06	2.90E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Fayette County	54019	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	3.31E-08	2.92E-06	1.06E-05	2.42E-06	1.50E-03
West Virginia	Fayette County	54019	R	Methylene Chloride	1.60E-01	1.60E-01	1.61E-01	1.70E-01	1.77E-01	1.85E-01	1.93E-01	2.47E-01	1.34E-06	2.73E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Fayette County	54019	R	Nickel Compounds	1.34E-05	1.36E-05	1.59E-05	4.10E-05	4.08E-05	6.09E-05	6.54E-05	8.22E-05	7.04E-06	2.76E-05	4.67E-06	1.56E-06	0.00E+00
West Virginia	Fayette County	54019	R	Perchloroethylene	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.48E-01	1.52E-01	1.57E-01	1.66E-01	1.98E-07	8.25E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Fayette County	54019	R	Polychlorinated Biphenyls	4.01E-04	4.01E-04	4.02E-04	4.22E-04	4.45E-04	4.81E-04	4.93E-04	6.16E-04	0.00E+00	6.47E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Fayette County	54019	R	Polycyclic Organic Matter	1.18E-02	1.32E-02	1.36E-02	1.54E-02	1.83E-02	2.17E-02	2.75E-02	3.60E-02	1.05E-05	1.55E-02	2.44E-03	3.20E-04	0.00E+00
West Virginia	Fayette County	54019	R	7-PAH	4.43E-04	4.72E-04	4.91E-04	5.64E-04	6.82E-04	8.33E-04	9.47E-04	1.50E-03	1.88E-09	6.60E-04	1.73E-05	4.52E-06	0.00E+00
West Virginia	Fayette County	54019	R	Propylene Dichloride	2.63E-06	2.94E-06	3.42E-06	6.11E-06	1.08E-05	7.93E-06	1.12E-05	6.02E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	1,1,2,2-Tetrachloroethane	2.20E-05	2.47E-05	2.71E-05	4.46E-05	9.20E-05	6.20E-05	1.00E-04	5.48E-04	0.00E+00	9.20E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Fayette County	54019	R	Trichloroethylene	8.16E-02	8.16E-02	8.18E-02	8.22E-02	8.29E-02	8.30E-02	8.39E-02	8.81E-02	0.00E+00	1.86E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Fayette County	54019	R	Vinyl Chloride	5.43E-05	6.26E-05	6.92E-05	1.10E-04	2.27E-04	1.53E-04	2.47E-04	1.35E-03	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	Acetaldehyde	4.28E-02	4.28E-02	4.28E-02	4.32E-02	4.32E-02	4.36E-02	4.36E-02	4.36E-02	1.57E-03	1.42E-02	2.40E-02	3.33E-03	0.00E+00
West Virginia	Gilmer County	54021	R	Acrolein	2.28E-02	2.28E-02	2.28E-02	2.30E-02	2.30E-02	2.31E-02	2.31E-02	2.31E-02	3.49E-04	1.67E-02	5.06E-03	8.90E-04	0.00E+00
West Virginia	Gilmer County	54021	R	Acrylonitrile	2.13E-05	2.13E-05	2.13E-05	2.14E-05	2.14E-05	2.14E-05	2.14E-05	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	Arsenic Compounds	7.46E-06	7.46E-06	7.46E-06	7.53E-06	7.53E-06	7.61E-06	7.61E-06	7.61E-06	0.00E+00	1.36E-06	4.96E-06	1.22E-06	0.00E+00
West Virginia	Gilmer County	54021	R	Benzene	7.62E-01	7.62E-01	7.62E-01	7.63E-01	7.63E-01	7.64E-01	7.64E-01	7.64E-01	2.07E-05	2.15E-01	5.21E-02	1.59E-02	4.80E-01
West Virginia	Gilmer County	54021	R	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
West Virginia	Gilmer County	54021	R	Beryllium Compounds	3.28E-07	3.28E-07	3.28E-07	3.30E-07	3.30E-07	3.31E-07	3.31E-07	3.31E-07	0.00E+00	3.06E-07	0.00E+00	2.34E-08	0.00E+00
West Virginia	Gilmer County	54021	R	1,3-Butadiene	7.14E-03	7.14E-03	7.14E-03	7.16E-03	7.16E-03	7.17E-03	7.17E-03	7.17E-03	0.00E+00	3.97E-03	2.14E-03	1.04E-03	0.00E+00
West Virginia	Gilmer County	54021	R	Cadmium Compounds	6.05E-07	6.05E-07	6.05E-07	6.10E-07	6.10E-07	6.15E-07	6.15E-07	6.15E-07	0.00E+00	5.86E-07	0.00E+00	2.32E-08	0.00E+00
West Virginia	Gilmer County	54021	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	2.11E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Gilmer County	54021	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.64E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Gilmer County	54021	R	Chloroform	8.68E-02	8.68E-02	8.68E-02	8.68E-02	8.68E-02	8.68E-02	8.68E-02	8.68E-02	0.00E+00	3.82E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Gilmer County	54021	R	Chromium Compounds (includes Hexavalent)	3.96E-06	3.96E-06	3.96E-06	4.01E-06	4.01E-06	4.05E-06	4.05E-06	4.05E-06	0.00E+00	9.53E-07	2.92E-06	1.36E-07	0.00E+00
West Virginia	Gilmer County	54021	R	Chromium VI	1.62E-06	1.62E-06	1.62E-06	1.63E-06	1.63E-06	1.65E-06	1.65E-06	1.65E-06	0.00E+00	4.04E-07	1.18E-06	4.61E-08	0.00E+00
West Virginia	Gilmer County	54021	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	1,4-Dichlorobenzene	3.69E-03	3.69E-03	3.69E-03	3.69E-03	3.69E-03	3.69E-03	3.69E-03	3.69E-03	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	1,3-Dichloropropene	6.82E-03	6.82E-03	6.82E-03	6.82E-03	6.82E-03	6.83E-03	6.83E-03	6.83E-03	0.00E+00	6.82E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.65E-09	0.00E+00	0.00E+00	7.70E-03
West Virginia	Gilmer County	54021	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.89E-07	0.00E+00	0.00E+00	6.10E-02
West Virginia	Gilmer County	54021	R	Ethylene Oxide	7.00E-04	7.00E-04	7.00E-04	7.01E-04	7.01E-04	7.01E-04	7.01E-04	7.01E-04	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	Formaldehyde	3.56E-01	3.56E-01	3.56E-01	3.57E-01	3.57E-01	3.58E-01	3.58E-01	3.58E-01	1.23E-03	7.23E-02	2.63E-02	7.07E-03	2.50E-01
West Virginia	Gilmer County	54021	R	Hexachlorobenzene	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	4.48E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Gilmer County	54021	R	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	3.34E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Gilmer County	54021	R	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
West Virginia	Gilmer County	54021	R	Hydrazine	1.81E-11	1.81E-11	1.81E-11	1.87E-11	1.87E-11	1.92E-11	1.92E-11	1.92E-11	0.00E+00	1.87E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	Lead Compounds	5.13E-06	5.13E-06	5.13E-06	5.15E-06	5.15E-06	5.16E-06	5.16E-06	5.16E-06	0.00E+00	4.97E-06	0.00E+00	1.75E-07	0.00E+00
West Virginia	Gilmer County	54021	R	Manganese Compounds	4.09E-06	4.09E-06	4.09E-06	4.13E-06	4.13E-06	4.16E-06	4.16E-06	4.16E-06	0.00E+00	3.07E-06	9.34E-07	1.22E-07	0.00E+00
West Virginia	Gilmer County	54021	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	1.05E-06	5.83E-06	1.01E-06	1.50E-03
West Virginia	Gilmer County	54021	R	Methylene Chloride	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Gilmer County	54021	R	Nickel Compounds	1.59E-05	1.59E-05	1.59E-05	1.59E-05	1.59E-05	1.59E-05	1.59E-05	1.59E-05	0.00E+00	1.35E-05	2.23E-06	2.01E-07	0.00E+00
West Virginia	Gilmer County	54021	R	Perchloroethylene	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Gilmer County	54021	R	Polychlorinated Biphenyls	4.30E-04	4.30E-04	4.30E-04	4.30E-04	4.30E-04	4.30E-04	4.30E-04	4.30E-04	0.00E+00	5.04E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Gilmer County	54021	R	Polycyclic Organic Matter	1.32E-02	1.32E-02	1.32E-02	1.33E-02	1.33E-02	1.34E-02	1.34E-02	1.34E-02	0.00E+00	1.19E-02	1.19E-03	1.49E-04	0.00E+00
West Virginia	Gilmer County	54021	R	7-PAH	7.84E-04	7.84E-04	7.84E-04	7.87E-04	7.87E-04	7.89E-04	7.89E-04	7.89E-04	0.00E+00	7.77E-04	8.30E-06	1.37E-06	0.00E+00
West Virginia	Gilmer County	54021	R	Propylene Dichloride	7.31E-07	7.31E-07	7.31E-07	7.35E-07	7.35E-07	7.39E-07	7.39E-07	7.39E-07	0.00E+00	7.35E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	Quinoline	3.82E-10	3.82E-10	3.82E-10	3.94E-10	3.94E-10	4.07E-10	4.07E-10	4.07E-10	0.00E+00	3.94E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	1,1,2,2-Tetrachloroethane	1.59E-06	1.59E-06	1.59E-06	1.62E-06	1.62E-06	1.66E-06	1.66E-06	1.66E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Gilmer County	54021	R	Trichloroethylene	8.20E-02	8.20E-02	8.20E-02	8.20E-02	8.20E-02	8.20E-02	8.20E-02	8.20E-02	0.00E+00	1.02E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Gilmer County	54021	R	Vinyl Chloride	3.98E-06	3.98E-06	3.98E-06	4.07E-06	4.07E-06	4.17E-06	4.17E-06	4.17E-06	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	Acetaldehyde	3.05E-02	3.05E-02	3.05E-02	3.82E-02	4.06E-02	5.30E-02	5.30E-02	5.30E-02	6.86E-06	1.11E-02	2.37E-02	5.84E-03	0.00E+00
West Virginia	Grant County	54023	R	Acrolein	1.57E-02	1.57E-02	1.57E-02	1.78E-02	2.00E-02	2.65E-02	2.65E-02	2.65E-02	2.76E-06	1.51E-02	3.53E-03	1.36E-03	0.00E+00
West Virginia	Grant County	54023	R	Acrylonitrile	1.63E-05	1.63E-05	1.63E-05	2.16E-05	2.29E-05	3.07E-05	3.07E-05	3.07E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	Arsenic Compounds	3.52E-04	3.52E-04	3.52E-04	3.85E-04	3.95E-04	4.49E-04	4.49E-04	4.49E-04	3.87E-04	1.51E-06	4.51E-06	1.63E-06	0.00E+00
West Virginia	Grant County	54023	R	Benzene	5.89E-01	5.89E-01	5.89E-01	6.20E-01	6.47E-01	7.31E-01	7.31E-01	7.31E-01	1.08E-05	1.00E-01	4.36E-02	2.32E-02	4.80E-01
West Virginia	Grant County	54023	R	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
West Virginia	Grant County	54023	R	Beryllium Compounds	2.69E-05	2.69E-05	2.69E-05	2.95E-05	3.03E-05	3.44E-05	3.44E-05	3.44E-05	2.98E-05	4.18E-07	0.00E+00	3.90E-08	0.00E+00
West Virginia	Grant County	54023	R	1,3-Butadiene	4.76E-03	4.76E-03	4.76E-03	5.40E-03	7.76E-03	1.31E-02	1.31E-02	1.31E-02	0.00E+00	3.84E-03	2.63E-03	1.29E-03	0.00E+00
West Virginia	Grant County	54023	R	Cadmium Compounds	1.47E-06	1.47E-06	1.47E-06	1.48E-06	1.85E-06	2.60E-06	2.60E-06	2.60E-06	4.00E-07	1.41E-06	0.00E+00	3.87E-08	0.00E+00
West Virginia	Grant County	54023	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	1.53E-06	1.42E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Grant County	54023	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.67E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Grant County	54023	R	Chloroform	8.43E-02	8.43E-02	8.43E-02	8.48E-02	8.52E-02	8.65E-02	8.65E-02	8.65E-02	0.00E+00	2.22E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Grant County	54023	R	Chromium Compounds (includes Hexavalent)	1.71E-03	1.71E-03	1.71E-03	1.85E-03	1.91E-03	2.18E-03	2.18E-03	2.18E-03	1.91E-03	2.43E-06	2.58E-06	1.75E-07	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
West Virginia	Grant County	54023	R	Chromium VI	2.50E-04	2.50E-04	2.50E-04	2.58E-04	2.71E-04	3.05E-04	3.05E-04	3.05E-04	2.69E-04	9.62E-07	1.01E-06	5.95E-08	0.00E+00
West Virginia	Grant County	54023	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	1,4-Dichlorobenzene	1.80E-03	1.80E-03	1.80E-03	2.45E-03	3.04E-03	4.86E-03	4.86E-03	4.86E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	1,3-Dichloropropene	3.21E-03	3.21E-03	3.21E-03	4.49E-03	5.61E-03	9.12E-03	9.12E-03	9.12E-03	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.44E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Grant County	54023	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	2.65E-05	2.34E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Grant County	54023	R	Ethylene Oxide	3.69E-04	3.69E-04	3.69E-04	5.39E-04	6.82E-04	1.14E-03	1.14E-03	1.14E-03	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	Formaldehyde	3.22E-01	3.22E-01	3.22E-01	3.32E-01	3.45E-01	3.82E-01	3.82E-01	3.82E-01	4.11E-05	5.98E-02	2.40E-02	1.13E-02	2.50E-01
West Virginia	Grant County	54023	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	2.99E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Grant County	54023	R	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	1.80E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Grant County	54023	R	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
West Virginia	Grant County	54023	R	Hydrazine	2.15E-10	2.15E-10	2.15E-10	2.87E-10	2.63E-10	2.87E-10	2.87E-10	2.87E-10	0.00E+00	2.63E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	Lead Compounds	4.26E-04	4.26E-04	4.26E-04	6.08E-04	6.50E-04	9.14E-04	9.14E-04	9.14E-04	3.73E-04	1.82E-05	0.00E+00	2.59E-04	0.00E+00
West Virginia	Grant County	54023	R	Manganese Compounds	1.54E-03	1.54E-03	1.54E-03	1.64E-03	1.71E-03	1.94E-03	1.94E-03	1.94E-03	1.68E-03	2.85E-05	8.03E-07	1.62E-07	0.00E+00
West Virginia	Grant County	54023	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	2.96E-07	1.41E-06	5.39E-06	1.36E-06	1.50E-03
West Virginia	Grant County	54023	R	Methylene Chloride	1.56E-01	1.56E-01	1.56E-01	1.58E-01	1.61E-01	1.69E-01	1.69E-01	1.69E-01	3.23E-06	1.11E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Grant County	54023	R	Nickel Compounds	1.02E-03	1.02E-03	1.02E-03	1.13E-03	1.15E-03	1.30E-03	1.30E-03	1.30E-03	1.12E-03	2.92E-05	1.98E-06	2.64E-07	0.00E+00
West Virginia	Grant County	54023	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	4.79E-07	1.79E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Grant County	54023	R	Polychlorinated Biphenyls	3.95E-04	3.95E-04	3.95E-04	4.03E-04	4.12E-04	4.39E-04	4.39E-04	4.39E-04	0.00E+00	3.22E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Grant County	54023	R	Polycyclic Organic Matter	1.30E-02	1.30E-02	1.30E-02	2.03E-02	2.38E-02	3.81E-02	3.81E-02	3.81E-02	2.06E-07	2.26E-02	1.03E-03	2.13E-04	0.00E+00
West Virginia	Grant County	54023	R	7-PAH	4.87E-04	4.87E-04	4.87E-04	5.62E-04	6.94E-04	1.03E-03	1.03E-03	1.03E-03	4.18E-09	6.84E-04	7.43E-06	3.32E-06	0.00E+00
West Virginia	Grant County	54023	R	Propylene Dichloride	8.73E-07	8.73E-07	8.73E-07	1.14E-06	1.13E-06	1.39E-06	1.39E-06	1.39E-06	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	Quinoline	7.57E-09	7.57E-09	7.57E-09	7.89E-09	8.06E-09	8.71E-09	8.71E-09	8.71E-09	0.00E+00	8.06E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	1,1,2,2-Tetrachloroethane	5.85E-06	5.85E-06	5.85E-06	7.38E-06	6.96E-06	7.65E-06	7.65E-06	7.65E-06	0.00E+00	6.96E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Grant County	54023	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.16E-02	8.19E-02	8.26E-02	8.26E-02	8.26E-02	0.00E+00	9.08E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Grant County	54023	R	Vinyl Chloride	1.47E-05	1.47E-05	1.47E-05	1.85E-05	1.75E-05	1.92E-05	1.92E-05	1.92E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	Acetaldehyde	3.19E-02	3.19E-02	5.64E-02	8.82E-02	8.42E-02	1.16E-01	1.20E-01	1.20E-01	1.82E-02	9.56E-03	5.09E-02	5.55E-03	0.00E+00
West Virginia	Greenbrier County	54025	R	Acrolein	1.75E-02	1.75E-02	1.76E-02	1.96E-02	2.12E-02	2.54E-02	2.73E-02	2.73E-02	1.84E-04	1.22E-02	7.42E-03	1.37E-03	0.00E+00
West Virginia	Greenbrier County	54025	R	Acrylonitrile	3.54E-05	3.54E-05	8.44E-05	1.15E-04	1.04E-04	1.27E-04	1.42E-04	1.42E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	Arsenic Compounds	9.89E-06	9.89E-06	1.56E-05	2.31E-05	2.84E-05	4.18E-05	5.18E-05	5.18E-05	5.62E-06	1.20E-05	9.48E-06	1.27E-06	0.00E+00
West Virginia	Greenbrier County	54025	R	Benzene	5.84E-01	5.84E-01	5.99E-01	6.61E-01	6.67E-01	6.96E-01	8.20E-01	8.20E-01	4.46E-05	7.75E-02	9.21E-02	1.73E-02	4.80E-01
West Virginia	Greenbrier County	54025	R	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
West Virginia	Greenbrier County	54025	R	Beryllium Compounds	8.47E-07	8.47E-07	9.93E-07	1.78E-06	1.79E-06	2.35E-06	2.64E-06	2.64E-06	2.19E-07	9.30E-07	0.00E+00	6.42E-07	0.00E+00
West Virginia	Greenbrier County	54025	R	1,3-Butadiene	3.66E-03	3.66E-03	4.90E-03	7.81E-03	8.70E-03	1.06E-02	1.88E-02	1.88E-02	0.00E+00	2.39E-03	5.28E-03	1.04E-03	0.00E+00
West Virginia	Greenbrier County	54025	R	Cadmium Compounds	1.19E-06	1.19E-06	1.25E-06	2.89E-06	3.02E-06	3.67E-06	5.76E-06	5.76E-06	1.33E-06	1.05E-06	0.00E+00	6.40E-07	0.00E+00
West Virginia	Greenbrier County	54025	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.81E-02	4.85E-02	4.93E-02	5.22E-02	5.22E-02	1.30E-03	1.88E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Greenbrier County	54025	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.83E-01	8.87E-01	8.87E-01	1.87E-03	6.88E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Greenbrier County	54025	R	Chloroform	8.42E-02	8.42E-02	8.52E-02	9.20E-02	9.56E-02	1.02E-01	1.23E-01	1.23E-01	9.62E-03	3.02E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Greenbrier County	54025	R	Chromium Compounds (includes Hexavalent)	4.54E-06	4.54E-06	8.30E-06	1.30E-05	1.82E-05	2.11E-05	5.06E-05	5.06E-05	4.53E-06	7.54E-06	5.85E-06	2.93E-07	0.00E+00
West Virginia	Greenbrier County	54025	R	Chromium VI	1.80E-06	1.80E-06	3.30E-06	5.44E-06	7.25E-06	8.64E-06	1.93E-05	1.93E-05	2.00E-06	2.80E-06	2.34E-06	9.97E-08	0.00E+00
West Virginia	Greenbrier County	54025	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	1,4-Dichlorobenzene	1.77E-03	1.77E-03	1.99E-03	2.69E-03	3.36E-03	3.85E-03	7.59E-03	7.59E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	1,3-Dichloropropene	3.24E-03	3.24E-03	3.51E-03	4.83E-03	6.18E-03	6.96E-03	1.43E-02	1.43E-02	0.00E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.45E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Greenbrier County	54025	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.13E-02	6.17E-02	6.17E-02	1.66E-04	1.16E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Greenbrier County	54025	R	Ethylene Oxide	2.93E-04	2.93E-04	4.03E-04	5.28E-04	6.87E-04	7.92E-04	1.69E-03	1.69E-03	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	Formaldehyde	3.25E-01	3.25E-01	3.48E-01	3.54E-01	3.62E-01	3.77E-01	4.10E-01	4.10E-01	4.16E-03	4.67E-02	5.00E-02	1.10E-02	2.50E-01
West Virginia	Greenbrier County	54025	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.36E-05	9.36E-05	0.00E+00	2.47E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Greenbrier County	54025	R	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	2.53E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Greenbrier County	54025	R	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
West Virginia	Greenbrier County	54025	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-11	3.59E-12	6.82E-10	6.82E-10	0.00E+00	9.84E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	Lead Compounds	4.76E-05	4.76E-05	4.98E-05	1.30E-04	2.24E-04	3.64E-04	6.69E-04	6.69E-04	8.26E-06	1.44E-05	0.00E+00	2.01E-04	0.00E+00
West Virginia	Greenbrier County	54025	R	Manganese Compounds	4.18E-05	4.18E-05	6.80E-05	1.46E-04	1.86E-04	2.83E-04	4.90E-04	4.90E-04	1.24E-04	5.96E-05	1.87E-06	1.78E-07	0.00E+00
West Virginia	Greenbrier County	54025	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	9.83E-07	2.22E-06	1.10E-05	1.79E-06	1.50E-03
West Virginia	Greenbrier County	54025	R	Methylene Chloride	1.59E-01	1.59E-01	1.59E-01	1.62E-01	1.73E-01	1.81E-01	2.19E-01	2.19E-01	3.23E-04	2.30E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Greenbrier County	54025	R	Nickel Compounds	1.40E-05	1.40E-05	1.64E-05	2.71E-05	3.54E-05	6.08E-05	7.22E-05	7.22E-05	4.46E-06	2.61E-05	4.43E-06	3.61E-07	0.00E+00
West Virginia	Greenbrier County	54025	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.45E-01	1.46E-01	1.53E-01	1.53E-01	8.07E-04	4.34E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Greenbrier County	54025	R	Polychlorinated Biphenyls	3.95E-04	3.95E-04	3.95E-04	4.01E-04	4.08E-04	4.09E-04	4.54E-04	4.54E-04	0.00E+00	2.84E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Greenbrier County	54025	R	Polycyclic Organic Matter	1.25E-02	1.25E-02	1.29E-02	1.92E-02	2.00E-02	2.22E-02	3.27E-02	3.27E-02	6.43E-08	1.75E-02	2.21E-03	3.09E-04	0.00E+00
West Virginia	Greenbrier County	54025	R	7-PAH	4.19E-04	4.19E-04	4.63E-04	4.94E-04	5.56E-04	7.40E-04	7.91E-04	7.91E-04	1.31E-09	5.36E-04	1.66E-05	3.94E-06	0.00E+00
West Virginia	Greenbrier County	54025	R	Propylene Dichloride	1.99E-06	1.99E-06	4.94E-06	6.10E-06	5.91E-06	7.51E-06	8.44E-06	8.44E-06	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-09	1.91E-10	3.18E-08	3.18E-08	0.00E+00	4.59E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	1,1,2,2-Tetrachloroethane	1.68E-05	1.68E-05	4.16E-05	5.41E-05	4.99E-05	6.19E-05	7.60E-05	7.60E-05	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Greenbrier County	54025	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.23E-02	8.27E-02	8.29E-02	8.59E-02	8.59E-02	3.42E-04	1.36E-03	0.00E+00	0.00E+00	8.10E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Greenbrier County	54025	R	Vinyl Chloride	4.14E-05	4.14E-05	1.03E-04	1.33E-04	1.23E-04	1.53E-04	1.87E-04	1.87E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Acetaldehyde	6.15E-02	6.15E-02	6.25E-02	6.34E-02	6.97E-02	7.75E-02	8.35E-02	8.35E-02	6.32E-03	9.75E-03	4.84E-02	5.23E-03	0.00E+00
West Virginia	Hampshire County	54027	R	Acrolein	1.64E-02	1.64E-02	1.80E-02	1.82E-02	1.89E-02	2.08E-02	2.11E-02	2.11E-02	7.46E-05	1.09E-02	6.54E-03	1.39E-03	0.00E+00
West Virginia	Hampshire County	54027	R	Acrylonitrile	7.46E-05	7.46E-05	9.85E-05	1.06E-04	1.06E-04	1.15E-04	1.37E-04	1.37E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Arsenic Compounds	7.68E-06	7.68E-06	8.42E-06	7.71E-05	1.72E-04	1.62E-04	6.05E-04	6.05E-04	4.47E-05	1.21E-04	5.54E-06	1.16E-06	0.00E+00
West Virginia	Hampshire County	54027	R	Benzene	6.12E-01	6.12E-01	6.30E-01	6.33E-01	6.37E-01	6.49E-01	6.63E-01	6.63E-01	2.61E-05	8.11E-02	5.52E-02	2.11E-02	4.80E-01
West Virginia	Hampshire County	54027	R	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
West Virginia	Hampshire County	54027	R	Beryllium Compounds	5.11E-07	5.11E-07	7.59E-07	1.01E-06	4.32E-06	6.65E-06	1.26E-05	1.26E-05	3.47E-06	5.02E-07	0.00E+00	3.46E-07	0.00E+00
West Virginia	Hampshire County	54027	R	1,3-Butadiene	4.54E-03	4.54E-03	4.67E-03	4.75E-03	4.96E-03	4.77E-03	6.08E-03	6.08E-03	0.00E+00	2.16E-03	1.68E-03	1.13E-03	0.00E+00
West Virginia	Hampshire County	54027	R	Cadmium Compounds	1.01E-06	1.01E-06	1.45E-06	1.75E-06	1.68E-06	1.93E-06	2.29E-06	2.29E-06	1.76E-07	1.16E-06	0.00E+00	3.44E-07	0.00E+00
West Virginia	Hampshire County	54027	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.74E-02	4.74E-02	4.77E-02	4.78E-02	4.78E-02	2.80E-04	1.41E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Hampshire County	54027	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.10E-05	4.96E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Hampshire County	54027	R	Chloroform	8.39E-02	8.39E-02	8.49E-02	8.56E-02	8.54E-02	8.62E-02	8.65E-02	8.65E-02	7.79E-04	1.64E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Hampshire County	54027	R	Chromium Compounds (includes Hexavalent)	5.45E-06	5.45E-06	6.65E-06	6.77E-06	2.28E-04	3.45E-04	7.74E-04	7.74E-04	2.21E-04	2.29E-06	3.62E-06	2.24E-07	0.00E+00
West Virginia	Hampshire County	54027	R	Chromium VI	2.04E-06	2.04E-06	2.32E-06	2.69E-06	3.46E-05	4.98E-05	1.16E-04	1.16E-04	3.25E-05	6.36E-07	1.46E-06	7.62E-08	0.00E+00
West Virginia	Hampshire County	54027	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	1,4-Dichlorobenzene	2.45E-03	2.45E-03	2.75E-03	3.10E-03	2.99E-03	3.13E-03	3.50E-03	3.50E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	1,3-Dichloropropene	4.45E-03	4.45E-03	4.89E-03	5.59E-03	5.38E-03	5.62E-03	6.35E-03	6.35E-03	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.69E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Hampshire County	54027	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.13E-02	1.40E-04	4.00E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Hampshire County	54027	R	Ethylene Oxide	3.13E-04	3.13E-04	4.44E-04	5.67E-04	5.28E-04	5.80E-04	7.36E-04	7.36E-04	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Formaldehyde	3.36E-01	3.36E-01	3.37E-01	3.43E-01	3.42E-01	3.44E-01	3.48E-01	3.48E-01	8.11E-04	4.57E-02	3.46E-02	1.07E-02	2.50E-01
West Virginia	Hampshire County	54027	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	2.10E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Hampshire County	54027	R	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	1.84E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Hampshire County	54027	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	3.71E-06	5.20E-06	4.68E-06	6.66E-06	7.84E-06	7.84E-06	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Hydrazine	5.32E-13	5.32E-13	2.86E-12	8.45E-12	7.27E-11	1.07E-10	2.45E-10	2.45E-10	0.00E+00	7.27E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Lead Compounds	6.96E-05	6.96E-05	1.16E-04	1.58E-04	1.49E-04	1.68E-04	2.34E-04	2.34E-04	4.45E-05	2.35E-05	0.00E+00	8.14E-05	0.00E+00
West Virginia	Hampshire County	54027	R	Manganese Compounds	1.98E-05	1.98E-05	3.50E-05	4.07E-05	2.17E-04	3.07E-04	6.84E-04	6.84E-04	1.95E-04	2.14E-05	1.08E-06	1.47E-07	0.00E+00
West Virginia	Hampshire County	54027	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	4.92E-08	1.59E-06	6.37E-06	1.36E-06	1.50E-03
West Virginia	Hampshire County	54027	R	Methylene Chloride	1.63E-01	1.63E-01	1.64E-01	1.64E-01	1.65E-01	1.64E-01	1.68E-01	1.68E-01	1.01E-03	1.35E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Hampshire County	54027	R	Nickel Compounds	9.17E-06	9.17E-06	1.17E-05	1.45E-05	1.40E-04	2.09E-04	4.56E-04	4.56E-04	1.28E-04	9.18E-06	2.70E-06	2.71E-07	0.00E+00
West Virginia	Hampshire County	54027	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.45E-01	1.45E-01	1.73E-04	3.92E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Hampshire County	54027	R	Polychlorinated Biphenyls	3.95E-04	3.95E-04	3.97E-04	4.02E-04	4.04E-04	4.04E-04	4.20E-04	4.20E-04	0.00E+00	2.35E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Hampshire County	54027	R	Polycyclic Organic Matter	1.57E-02	1.57E-02	1.76E-02	2.01E-02	2.00E-02	2.23E-02	2.40E-02	2.40E-02	3.11E-04	1.81E-02	1.31E-03	2.30E-04	0.00E+00
West Virginia	Hampshire County	54027	R	7-PAH	4.26E-04	4.26E-04	4.72E-04	4.89E-04	5.22E-04	5.87E-04	6.33E-04	6.33E-04	1.39E-09	5.09E-04	9.44E-06	2.83E-06	0.00E+00
West Virginia	Hampshire County	54027	R	Propylene Dichloride	4.01E-06	4.01E-06	5.58E-06	6.09E-06	6.13E-06	6.77E-06	8.22E-06	8.22E-06	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Quinoline	2.21E-11	2.21E-11	1.33E-10	4.60E-10	3.74E-09	5.15E-09	1.29E-08	1.29E-08	0.00E+00	3.74E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	1,1,2,2-Tetrachloroethane	3.23E-05	3.23E-05	4.78E-05	5.31E-05	5.31E-05	5.97E-05	7.26E-05	7.26E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hampshire County	54027	R	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.20E-02	8.20E-02	8.21E-02	8.23E-02	8.23E-02	1.22E-04	8.44E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Hampshire County	54027	R	Vinyl Chloride	7.97E-05	7.97E-05	1.18E-04	1.31E-04	1.31E-04	1.47E-04	1.79E-04	1.79E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	Acetaldehyde	1.75E-01	1.75E-01	2.04E-01	2.12E-01	2.82E-01	3.13E-01	6.35E-01	6.35E-01	2.95E-04	9.98E-03	1.91E-01	8.07E-02	0.00E+00
West Virginia	Hancock County	54029	U	Acrolein	2.98E-02	2.98E-02	3.48E-02	3.92E-02	3.98E-02	4.50E-02	5.51E-02	5.51E-02	9.06E-05	6.85E-03	2.57E-02	7.10E-03	0.00E+00
West Virginia	Hancock County	54029	U	Acrylonitrile	4.51E-04	4.51E-04	5.32E-04	6.79E-04	7.39E-04	8.43E-04	1.39E-03	1.39E-03	1.46E-04	5.93E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	Arsenic Compounds	4.62E-04	4.62E-04	4.81E-04	4.90E-04	6.38E-04	7.19E-04	1.25E-03	1.25E-03	5.73E-04	2.03E-05	2.94E-05	1.54E-05	0.00E+00
West Virginia	Hancock County	54029	U	Benzene	8.07E-01	8.07E-01	9.23E-01	9.70E-01	1.07E+00	1.06E+00	1.73E+00	1.73E+00	2.92E-02	1.03E-01	3.63E-01	9.13E-02	4.80E-01
West Virginia	Hancock County	54029	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
West Virginia	Hancock County	54029	U	Beryllium Compounds	1.26E-04	1.26E-04	1.38E-04	1.56E-04	2.82E-04	2.71E-04	9.70E-04	9.70E-04	2.75E-04	6.51E-06	0.00E+00	5.06E-07	0.00E+00
West Virginia	Hancock County	54029	U	1,3-Butadiene	1.05E-02	1.05E-02	1.94E-02	2.21E-02	3.44E-02	3.12E-02	1.09E-01	1.09E-01	4.95E-05	1.06E-03	2.58E-02	7.50E-03	0.00E+00
West Virginia	Hancock County	54029	U	Cadmium Compounds	8.17E-05	8.17E-05	8.25E-05	8.43E-05	1.54E-04	2.34E-04	2.86E-04	2.86E-04	1.19E-05	1.40E-04	0.00E+00	1.53E-06	0.00E+00
West Virginia	Hancock County	54029	U	Carbon Disulfide	4.79E-02	4.79E-02	4.84E-02	4.87E-02	4.92E-02	4.93E-02	5.27E-02	5.27E-02	4.40E-05	2.18E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Hancock County	54029	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	2.66E-07	4.99E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Hancock County	54029	U	Chloroform	8.76E-02	8.76E-02	8.95E-02	9.14E-02	9.15E-02	9.42E-02	9.47E-02	9.47E-02	1.55E-06	8.52E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Hancock County	54029	U	Chromium Compounds (includes Hexavalent)	2.45E-03	2.45E-03	2.91E-03	3.22E-03	5.75E-03	4.30E-03	1.96E-02	1.96E-02	6.35E-04	5.09E-03	2.19E-05	4.48E-06	0.00E+00
West Virginia	Hancock County	54029	U	Chromium VI	2.47E-04	2.47E-04	3.20E-04	3.33E-04	4.19E-04	4.45E-04	7.95E-04	7.95E-04	7.73E-05	3.32E-04	8.65E-06	1.52E-06	0.00E+00
West Virginia	Hancock County	54029	U	Coke Oven Emissions	1.10E-02	1.10E-02	1.75E-02	2.44E-02	2.49E-02	3.09E-02	4.73E-02	4.73E-02	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	1,4-Dichlorobenzene	1.14E-02	1.14E-02	1.57E-02	2.26E-02	2.18E-02	2.83E-02	3.17E-02	3.17E-02	1.34E-05	2.18E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	1,3-Dichloropropene	2.11E-02	2.11E-02	2.95E-02	4.27E-02	4.11E-02	5.35E-02	5.99E-02	5.99E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	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	8.13E-08	1.04E-06	0.00E+00	0.00E+00	7.70E-03
West Virginia	Hancock County	54029	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.43E-05	4.38E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Hancock County	54029	U	Ethylene Oxide	1.19E-03	1.19E-03	2.07E-03	3.22E-03	3.23E-03	4.48E-03	5.20E-03	5.20E-03	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	Formaldehyde	4.50E-01	4.50E-01	5.06E-01	5.33E-01	6.09E-01	7.25E-01	9.90E-01	9.90E-01	1.45E-02	2.41E-02	1.82E-01	1.39E-01	2.50E-01
West Virginia	Hancock County	54029	U	Hexachlorobenzene	9.36E-05	9.36E-05	9.38E-05	9.40E-05	9.40E-05	9.41E-05	9.45E-05	9.45E-05	0.00E+00	9.76E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Hancock County	54029	U	Hexachlorobutadiene	1.82E-03	1.82E-03	1.82E-03	1.82E-03	1.84E-03	1.84E-03	1.90E-03	1.90E-03	0.00E+00	3.52E-05	0.00E+00	0.00E+00	1.80E-03
West Virginia	Hancock County	54029	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

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Hancock County	54029	U	Hydrazine	6.85E-08	6.85E-08	8.16E-08	1.43E-07	3.05E-07	2.89E-07	1.19E-06	1.19E-06	0.00E+00	3.05E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	Lead Compounds	1.34E-03	1.34E-03	1.41E-03	1.47E-03	1.61E-03	1.83E-03	2.07E-03	2.07E-03	8.77E-04	5.73E-04	0.00E+00	1.55E-04	0.00E+00
West Virginia	Hancock County	54029	U	Manganese Compounds	3.10E-03	3.10E-03	3.61E-03	4.70E-03	5.17E-03	6.04E-03	9.39E-03	9.39E-03	5.18E-04	4.64E-03	6.91E-06	1.02E-05	0.00E+00
West Virginia	Hancock County	54029	U	Mercury Compounds	1.56E-03	1.56E-03	1.57E-03	1.58E-03	1.59E-03	1.60E-03	1.66E-03	1.66E-03	7.91E-06	3.71E-05	3.07E-05	1.48E-05	1.50E-03
West Virginia	Hancock County	54029	U	Methylene Chloride	1.94E-01	1.94E-01	2.41E-01	2.63E-01	2.55E-01	2.71E-01	3.02E-01	3.02E-01	1.64E-02	8.81E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Hancock County	54029	U	Nickel Compounds	1.44E-03	1.44E-03	1.81E-03	1.88E-03	1.95E-03	1.99E-03	2.63E-03	2.63E-03	5.94E-04	1.10E-03	1.65E-05	2.38E-04	0.00E+00
West Virginia	Hancock County	54029	U	Perchloroethylene	1.51E-01	1.51E-01	1.59E-01	1.78E-01	1.73E-01	1.89E-01	1.92E-01	1.92E-01	2.62E-04	3.24E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Hancock County	54029	U	Polychlorinated Biphenyls	4.24E-04	4.24E-04	4.48E-04	4.79E-04	4.69E-04	4.88E-04	4.97E-04	4.97E-04	3.48E-09	8.88E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Hancock County	54029	U	Polycyclic Organic Matter	5.41E-02	5.41E-02	7.90E-02	9.94E-02	1.04E-01	1.20E-01	2.05E-01	2.05E-01	5.03E-02	4.28E-02	8.38E-03	2.13E-03	0.00E+00
West Virginia	Hancock County	54029	U	7-PAH	6.93E-04	6.93E-04	8.45E-04	8.93E-04	9.77E-04	1.15E-03	1.32E-03	1.32E-03	1.24E-06	8.80E-04	5.42E-05	4.16E-05	0.00E+00
West Virginia	Hancock County	54029	U	Propylene Dichloride	2.34E-05	2.34E-05	3.10E-05	3.45E-05	3.54E-05	3.83E-05	5.75E-05	5.75E-05	8.80E-06	2.66E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	Quinoline	2.21E-04	2.21E-04	4.12E-04	6.78E-04	7.43E-04	9.01E-04	1.79E-03	1.79E-03	5.57E-04	1.86E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	1,1,2,2-Tetrachloroethane	1.67E-04	1.67E-04	1.93E-04	2.44E-04	2.54E-04	2.83E-04	4.47E-04	4.47E-04	8.06E-05	1.73E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hancock County	54029	U	Trichloroethylene	1.22E-01	1.22E-01	1.40E-01	1.58E-01	1.90E-01	1.75E-01	4.20E-01	4.20E-01	9.55E-02	1.35E-02	0.00E+00	0.00E+00	8.10E-02
West Virginia	Hancock County	54029	U	Vinyl Chloride	5.07E-04	5.07E-04	5.26E-04	5.41E-04	5.56E-04	5.44E-04	7.30E-04	7.30E-04	1.98E-04	3.57E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	Acetaldehyde	6.05E-02	6.05E-02	6.05E-02	6.20E-02	6.19E-02	6.31E-02	6.31E-02	6.31E-02	1.02E-05	1.15E-02	4.57E-02	4.69E-03	0.00E+00
West Virginia	Hardy County	54031	R	Acrolein	1.66E-02	1.66E-02	1.66E-02	2.20E-02	2.07E-02	2.36E-02	2.36E-02	2.36E-02	3.96E-06	1.46E-02	5.15E-03	9.76E-04	0.00E+00
West Virginia	Hardy County	54031	R	Acrylonitrile	1.94E-05	1.94E-05	1.94E-05	4.95E-05	4.37E-05	6.21E-05	6.21E-05	6.21E-05	0.00E+00	4.37E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	Arsenic Compounds	1.72E-04	1.72E-04	1.72E-04	2.52E-04	2.67E-04	3.77E-04	3.77E-04	3.77E-04	2.58E-04	1.70E-06	5.84E-06	1.55E-06	0.00E+00
West Virginia	Hardy County	54031	R	Benzene	6.04E-01	6.04E-01	6.04E-01	6.54E-01	6.40E-01	6.61E-01	6.61E-01	6.61E-01	1.97E-05	9.60E-02	5.19E-02	1.17E-02	4.80E-01
West Virginia	Hardy County	54031	R	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
West Virginia	Hardy County	54031	R	Beryllium Compounds	1.32E-05	1.32E-05	1.32E-05	1.93E-05	2.05E-05	2.90E-05	2.90E-05	2.90E-05	1.99E-05	5.02E-07	0.00E+00	3.51E-08	0.00E+00
West Virginia	Hardy County	54031	R	1,3-Butadiene	4.36E-03	4.36E-03	4.36E-03	8.37E-03	7.10E-03	8.56E-03	8.56E-03	8.56E-03	0.00E+00	4.03E-03	2.44E-03	6.28E-04	0.00E+00
West Virginia	Hardy County	54031	R	Cadmium Compounds	1.71E-06	1.71E-06	1.71E-06	2.37E-06	2.17E-06	2.42E-06	2.42E-06	2.42E-06	8.19E-07	1.31E-06	0.00E+00	3.48E-08	0.00E+00
West Virginia	Hardy County	54031	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	1.97E-06	1.29E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Hardy County	54031	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.82E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Hardy County	54031	R	Chloroform	8.39E-02	8.39E-02	8.39E-02	8.49E-02	8.46E-02	8.51E-02	8.51E-02	8.51E-02	0.00E+00	1.65E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Hardy County	54031	R	Chromium Compounds (includes Hexavalent)	8.25E-04	8.25E-04	8.25E-04	1.20E-03	1.28E-03	1.81E-03	1.81E-03	1.81E-03	1.27E-03	1.21E-06	3.51E-06	1.23E-07	0.00E+00
West Virginia	Hardy County	54031	R	Chromium VI	1.26E-04	1.26E-04	1.26E-04	1.77E-04	1.86E-04	2.54E-04	2.54E-04	2.54E-04	1.84E-04	5.58E-07	1.37E-06	4.17E-08	0.00E+00
West Virginia	Hardy County	54031	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	1,4-Dichlorobenzene	1.99E-03	1.99E-03	1.99E-03	3.21E-03	2.86E-03	3.39E-03	3.39E-03	3.39E-03	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	1,3-Dichloropropene	3.60E-03	3.60E-03	3.60E-03	5.92E-03	5.26E-03	6.26E-03	6.26E-03	6.26E-03	0.00E+00	5.26E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.00E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Hardy County	54031	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.06E-07	4.28E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Hardy County	54031	R	Ethylene Oxide	2.81E-04	2.81E-04	2.81E-04	5.19E-04	4.50E-04	5.51E-04	5.51E-04	5.51E-04	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	Formaldehyde	3.32E-01	3.32E-01	3.32E-01	3.64E-01	3.54E-01	3.65E-01	3.65E-01	3.65E-01	6.43E-04	6.15E-02	3.23E-02	9.26E-03	2.50E-01
West Virginia	Hardy County	54031	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.40E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Hardy County	54031	R	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	1.90E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Hardy County	54031	R	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
West Virginia	Hardy County	54031	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	3.14E-11	2.50E-11	4.37E-11	4.37E-11	4.37E-11	0.00E+00	2.50E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	Lead Compounds	1.97E-04	1.97E-04	1.97E-04	2.81E-04	3.00E-04	4.22E-04	4.22E-04	4.22E-04	2.56E-04	1.65E-05	0.00E+00	2.78E-05	0.00E+00
West Virginia	Hardy County	54031	R	Manganese Compounds	8.24E-04	8.24E-04	8.24E-04	1.14E-03	1.20E-03	1.64E-03	1.64E-03	1.64E-03	1.19E-03	9.19E-06	1.06E-06	1.43E-07	0.00E+00
West Virginia	Hardy County	54031	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	4.58E-08	1.02E-06	6.89E-06	1.34E-06	1.50E-03
West Virginia	Hardy County	54031	R	Methylene Chloride	1.60E-01	1.60E-01	1.60E-01	1.64E-01	1.63E-01	1.65E-01	1.65E-01	1.65E-01	3.18E-04	1.25E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Hardy County	54031	R	Nickel Compounds	4.85E-04	4.85E-04	4.85E-04	7.40E-04	7.75E-04	1.10E-03	1.10E-03	1.10E-03	7.41E-04	3.11E-05	2.64E-06	2.23E-07	0.00E+00
West Virginia	Hardy County	54031	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	6.35E-07	2.08E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Hardy County	54031	R	Polychlorinated Biphenyls	3.98E-04	3.98E-04	3.98E-04	4.07E-04	4.05E-04	4.10E-04	4.10E-04	4.10E-04	0.00E+00	2.47E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Hardy County	54031	R	Polycyclic Organic Matter	1.66E-02	1.66E-02	1.66E-02	2.39E-02	2.19E-02	2.51E-02	2.51E-02	2.51E-02	2.69E-07	2.04E-02	1.32E-03	1.46E-04	0.00E+00
West Virginia	Hardy County	54031	R	7-PAH	5.09E-04	5.09E-04	5.09E-04	7.33E-04	6.82E-04	8.05E-04	8.05E-04	8.05E-04	5.43E-09	6.71E-04	9.77E-06	1.76E-06	0.00E+00
West Virginia	Hardy County	54031	R	Propylene Dichloride	7.81E-07	7.81E-07	7.81E-07	2.83E-06	2.33E-06	3.38E-06	3.38E-06	3.38E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	2.01E-09	1.64E-09	2.91E-09	2.91E-09	2.91E-09	0.00E+00	1.64E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	1,1,2,2-Tetrachloroethane	3.76E-06	3.76E-06	3.76E-06	2.39E-05	1.83E-05	2.74E-05	2.74E-05	2.74E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Hardy County	54031	R	Trichloroethylene	8.17E-02	8.17E-02	8.17E-02	8.28E-02	8.24E-02	8.28E-02	8.28E-02	8.28E-02	0.00E+00	1.43E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Hardy County	54031	R	Vinyl Chloride	9.33E-06	9.33E-06	9.33E-06	5.90E-05	4.53E-05	6.76E-05	6.76E-05	6.76E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	Acetaldehyde	7.34E-02	7.37E-02	9.95E-02	1.60E-01	1.70E-01	1.91E-01	3.17E-01	3.45E-01	9.24E-06	2.45E-02	1.29E-01	1.64E-02	0.00E+00
West Virginia	Harrison County	54033	R	Acrolein	2.19E-02	2.31E-02	3.07E-02	3.69E-02	3.83E-02	4.21E-02	5.72E-02	6.27E-02	1.63E-06	1.42E-02	2.13E-02	2.75E-03	0.00E+00
West Virginia	Harrison County	54033	R	Acrylonitrile	1.58E-04	2.13E-04	2.71E-04	4.99E-04	1.25E-03	1.05E-03	2.34E-03	7.22E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	Arsenic Compounds	1.98E-05	2.91E-05	4.43E-05	9.19E-05	8.38E-05	1.11E-04	1.41E-04	1.60E-04	4.74E-05	7.59E-06	2.42E-05	4.70E-06	0.00E+00
West Virginia	Harrison County	54033	R	Benzene	7.04E-01	7.43E-01	9.59E-01	1.24E+00	1.70E+00	1.85E+00	3.49E+00	4.49E+00	4.02E-06	8.62E-01	3.20E-01	3.79E-02	4.80E-01
West Virginia	Harrison County	54033	R	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
West Virginia	Harrison County	54033	R	Beryllium Compounds	1.01E-06	1.62E-06	3.02E-06	6.01E-06	6.22E-06	8.85E-06	1.15E-05	1.37E-05	3.86E-06	2.10E-06	0.00E+00	2.57E-07	0.00E+00
West Virginia	Harrison County	54033	R	1,3-Butadiene	5.97E-03	6.42E-03	1.02E-02	1.91E-02	2.75E-02	3.36E-02	7.97E-02	9.14E-02	0.00E+00	2.03E-03	2.21E-02	3.40E-03	0.00E+00
West Virginia	Harrison County	54033	R	Cadmium Compounds	1.10E-06	1.34E-06	2.10E-06	3.51E-06	4.24E-06	5.22E-06	8.52E-06	1.14E-05	7.72E-07	3.21E-06	0.00E+00	2.61E-07	0.00E+00
West Virginia	Harrison County	54033	R	Carbon Disulfide	4.72E-02	4.73E-02	4.75E-02	4.75E-02	4.80E-02	4.84E-02	4.93E-02	5.00E-02	8.15E-06	9.82E-04	0.00E+00	0.00E+00	4.70E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Harrison County	54033	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	2.85E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Harrison County	54033	R	Chloroform	8.59E-02	8.62E-02	8.81E-02	9.11E-02	9.62E-02	1.02E-01	1.17E-01	1.21E-01	1.29E-08	1.32E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Harrison County	54033	R	Chromium Compounds (includes Hexavalent)	2.31E-05	3.64E-05	1.64E-04	2.63E-04	4.44E-04	3.72E-04	9.92E-04	2.31E-03	3.74E-04	5.12E-05	1.76E-05	5.58E-07	0.00E+00
West Virginia	Harrison County	54033	R	Chromium VI	6.35E-06	9.40E-06	3.29E-05	6.53E-05	7.29E-05	7.19E-05	1.36E-04	2.71E-04	4.17E-05	2.40E-05	7.07E-06	1.90E-07	0.00E+00
West Virginia	Harrison County	54033	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	1,4-Dichlorobenzene	4.52E-03	4.82E-03	7.05E-03	1.07E-02	1.68E-02	2.44E-02	4.14E-02	4.48E-02	1.73E-05	1.68E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	1,3-Dichloropropene	7.85E-03	8.42E-03	1.28E-02	1.98E-02	3.13E-02	4.59E-02	7.83E-02	8.47E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.59E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Harrison County	54033	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.11E-02	6.13E-02	6.19E-02	2.75E-07	1.55E-04	0.00E+00	0.00E+00	6.10E-02
West Virginia	Harrison County	54033	R	Ethylene Oxide	8.73E-04	9.51E-04	1.45E-03	2.40E-03	3.78E-03	5.22E-03	9.56E-03	1.06E-02	6.57E-08	3.78E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	Formaldehyde	3.67E-01	3.70E-01	4.11E-01	4.57E-01	4.85E-01	5.18E-01	6.95E-01	7.33E-01	6.26E-06	6.19E-02	1.43E-01	3.05E-02	2.50E-01
West Virginia	Harrison County	54033	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.34E-05	9.36E-05	9.40E-05	9.47E-05	9.54E-05	9.58E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	9.30E-05
West Virginia	Harrison County	54033	R	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	1.12E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Harrison County	54033	R	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
West Virginia	Harrison County	54033	R	Hydrazine	9.53E-11	1.85E-10	1.07E-09	2.57E-09	7.54E-08	6.98E-09	3.61E-08	7.05E-07	6.85E-08	6.85E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	Lead Compounds	6.15E-05	9.07E-05	1.27E-04	2.56E-04	6.79E-04	5.33E-04	1.11E-03	3.97E-03	2.53E-05	1.30E-04	0.00E+00	5.24E-04	0.00E+00
West Virginia	Harrison County	54033	R	Manganese Compounds	2.03E-05	3.09E-05	1.25E-04	1.73E-04	1.85E-04	2.13E-04	3.19E-04	5.25E-04	1.21E-04	5.77E-05	5.61E-06	5.32E-07	0.00E+00
West Virginia	Harrison County	54033	R	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.58E-03	1.60E-03	5.48E-06	7.74E-06	2.57E-05	4.05E-06	1.50E-03
West Virginia	Harrison County	54033	R	Methylene Chloride	1.67E-01	1.69E-01	1.79E-01	1.92E-01	2.25E-01	2.50E-01	3.35E-01	3.92E-01	2.81E-06	7.52E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Harrison County	54033	R	Nickel Compounds	3.42E-05	5.63E-05	1.67E-04	3.36E-04	6.67E-04	5.92E-04	1.52E-03	3.68E-03	5.58E-04	9.34E-05	1.31E-05	1.91E-06	0.00E+00
West Virginia	Harrison County	54033	R	Perchloroethylene	1.45E-01	1.46E-01	1.50E-01	1.61E-01	1.71E-01	1.94E-01	2.13E-01	2.19E-01	2.79E-07	3.12E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Harrison County	54033	R	Polychlorinated Biphenyls	3.99E-04	4.02E-04	4.19E-04	4.46E-04	4.96E-04	5.82E-04	6.58E-04	7.11E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Harrison County	54033	R	Polycyclic Organic Matter	1.64E-02	1.94E-02	2.88E-02	4.46E-02	6.86E-02	8.09E-02	1.58E-01	2.08E-01	6.03E-04	6.03E-02	6.92E-03	8.25E-04	0.00E+00
West Virginia	Harrison County	54033	R	7-PAH	5.01E-04	5.32E-04	6.12E-04	7.11E-04	9.46E-04	1.31E-03	1.73E-03	1.97E-03	2.26E-06	8.91E-04	4.66E-05	7.04E-06	0.00E+00
West Virginia	Harrison County	54033	R	Propylene Dichloride	8.99E-06	1.21E-05	1.59E-05	2.43E-05	7.22E-05	6.08E-05	1.37E-04	4.33E-04	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	Quinoline	1.93E-09	3.58E-09	1.44E-08	2.22E-08	3.66E-08	5.06E-08	9.27E-08	1.08E-07	0.00E+00	3.66E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	1,1,2,2-Tetrachloroethane	8.09E-05	1.06E-04	1.41E-04	2.45E-04	6.59E-04	5.28E-04	1.20E-03	3.92E-03	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Harrison County	54033	R	Trichloroethylene	8.20E-02	8.21E-02	8.32E-02	8.49E-02	8.94E-02	9.40E-02	1.02E-01	1.10E-01	0.00E+00	8.44E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Harrison County	54033	R	Vinyl Chloride	1.97E-04	2.57E-04	3.41E-04	5.94E-04	1.61E-03	1.28E-03	2.95E-03	9.65E-03	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	Acetaldehyde	1.39E-01	1.39E-01	1.72E-01	2.48E-01	2.36E-01	2.58E-01	3.52E-01	3.52E-01	7.95E-02	7.21E-03	1.07E-01	4.28E-02	0.00E+00
West Virginia	Jackson County	54035	R	Acrolein	2.15E-02	2.15E-02	2.27E-02	2.43E-02	2.53E-02	2.90E-02	3.01E-02	3.01E-02	9.67E-04	1.01E-02	1.19E-02	2.42E-03	0.00E+00
West Virginia	Jackson County	54035	R	Acrylonitrile	1.12E-04	1.12E-04	1.38E-04	1.44E-03	1.33E-03	1.95E-03	2.89E-03	2.89E-03	1.24E-03	9.01E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	Arsenic Compounds	8.19E-05	8.19E-05	1.27E-04	2.22E-04	2.11E-04	2.68E-04	3.44E-04	3.44E-04	1.88E-04	4.69E-06	1.38E-05	4.39E-06	0.00E+00
West Virginia	Jackson County	54035	R	Benzene	7.05E-01	7.05E-01	7.28E-01	7.53E-01	7.85E-01	7.84E-01	9.88E-01	9.88E-01	4.39E-04	1.32E-01	1.42E-01	3.02E-02	4.80E-01
West Virginia	Jackson County	54035	R	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
West Virginia	Jackson County	54035	R	Beryllium Compounds	5.39E-06	5.39E-06	9.72E-06	1.35E-05	1.25E-05	1.50E-05	1.81E-05	1.81E-05	1.11E-05	9.08E-07	0.00E+00	4.86E-07	0.00E+00
West Virginia	Jackson County	54035	R	1,3-Butadiene	5.21E-03	5.21E-03	7.18E-03	9.93E-03	1.11E-02	1.18E-02	2.26E-02	2.26E-02	4.43E-05	2.03E-03	7.62E-03	1.41E-03	0.00E+00
West Virginia	Jackson County	54035	R	Cadmium Compounds	3.73E-06	3.73E-06	6.77E-06	1.35E-05	1.29E-05	1.76E-05	2.23E-05	2.23E-05	1.20E-06	1.08E-05	0.00E+00	8.99E-07	0.00E+00
West Virginia	Jackson County	54035	R	Carbon Disulfide	4.76E-02	4.76E-02	4.77E-02	4.80E-02	4.81E-02	4.86E-02	4.88E-02	4.88E-02	5.25E-05	1.09E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Jackson County	54035	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.12E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Jackson County	54035	R	Chloroform	8.56E-02	8.56E-02	8.61E-02	8.70E-02	8.72E-02	8.80E-02	8.98E-02	8.98E-02	3.77E-07	4.24E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Jackson County	54035	R	Chromium Compounds (includes Hexavalent)	5.03E-04	5.03E-04	5.31E-04	6.06E-04	9.31E-04	1.00E-03	2.34E-03	2.34E-03	8.03E-04	1.18E-04	8.76E-06	1.79E-06	0.00E+00
West Virginia	Jackson County	54035	R	Chromium VI	5.18E-05	5.18E-05	6.16E-05	7.86E-05	7.70E-05	8.35E-05	1.08E-04	1.08E-04	5.02E-05	2.27E-05	3.50E-06	6.09E-07	0.00E+00
West Virginia	Jackson County	54035	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	1,4-Dichlorobenzene	3.59E-03	3.59E-03	4.56E-03	4.80E-03	5.69E-03	6.41E-03	9.96E-03	9.96E-03	9.07E-09	5.69E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	1,3-Dichloropropene	6.46E-03	6.46E-03	8.44E-03	8.57E-03	1.04E-02	1.17E-02	1.87E-02	1.87E-02	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.74E-03	7.79E-03	7.86E-03	8.02E-03	8.02E-03	9.37E-05	4.11E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Jackson County	54035	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.10E-06	1.58E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Jackson County	54035	R	Ethylene Oxide	6.58E-04	6.58E-04	7.92E-04	2.42E-03	2.66E-03	3.84E-03	5.82E-03	5.82E-03	1.52E-03	1.14E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	Formaldehyde	3.80E-01	3.80E-01	4.28E-01	4.46E-01	4.50E-01	4.60E-01	5.39E-01	5.39E-01	3.08E-03	4.89E-02	9.51E-02	5.27E-02	2.50E-01
West Virginia	Jackson County	54035	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	9.39E-05	9.39E-05	0.00E+00	3.75E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Jackson County	54035	R	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	4.01E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Jackson County	54035	R	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
West Virginia	Jackson County	54035	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	4.87E-11	1.35E-10	2.34E-10	4.81E-10	4.81E-10	0.00E+00	1.35E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	Lead Compounds	1.91E-04	1.91E-04	1.94E-04	2.97E-04	3.12E-04	3.81E-04	5.14E-04	5.14E-04	2.31E-04	3.85E-05	0.00E+00	4.26E-05	0.00E+00
West Virginia	Jackson County	54035	R	Manganese Compounds	6.62E-04	6.62E-04	6.86E-04	8.20E-04	5.37E-03	7.46E-03	2.18E-02	2.18E-02	5.19E-03	1.75E-04	2.77E-06	4.20E-06	0.00E+00
West Virginia	Jackson County	54035	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.66E-07	2.68E-06	1.60E-05	4.93E-06	1.50E-03
West Virginia	Jackson County	54035	R	Methylene Chloride	1.65E-01	1.65E-01	1.65E-01	1.66E-01	1.75E-01	1.82E-01	2.05E-01	2.05E-01	1.22E-03	2.35E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Jackson County	54035	R	Nickel Compounds	2.61E-04	2.61E-04	5.19E-04	5.87E-04	5.43E-04	6.09E-04	6.91E-04	6.91E-04	3.84E-04	6.32E-05	6.57E-06	8.88E-05	0.00E+00
West Virginia	Jackson County	54035	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.46E-01	1.47E-01	1.49E-01	1.56E-01	1.56E-01	1.81E-06	7.44E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Jackson County	54035	R	Polychlorinated Biphenyls	4.03E-04	4.03E-04	4.03E-04	4.06E-04	4.24E-04	4.35E-04	4.88E-04	4.88E-04	0.00E+00	4.38E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Jackson County	54035	R	Polycyclic Organic Matter	2.01E-02	2.01E-02	2.29E-02	2.68E-02	3.02E-02	3.75E-02	4.70E-02	4.70E-02	6.32E-03	1.99E-02	3.37E-03	6.10E-04	0.00E+00
West Virginia	Jackson County	54035	R	7-PAH	4.91E-04	4.91E-04	5.27E-04	5.65E-04	6.32E-04	5.90E-04	1.06E-03	1.06E-03	5.48E-05	5.36E-04	2.47E-05	1.72E-05	0.00E+00
West Virginia	Jackson County	54035	R	Propylene Dichloride	4.11E-06	4.11E-06	6.49E-05	7.68E-05	6.65E-05	8.38E-05	9.23E-05	9.23E-05	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Jackson County	54035	R	Quinoline	5.14E-09	5.14E-09	1.03E-08	1.36E-07	2.17E-07	3.40E-07	6.73E-07	6.73E-07	0.00E+00	2.17E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	1,1,2,2-Tetrachloroethane	1.42E-05	1.42E-05	1.74E-05	3.82E-05	3.54E-05	5.08E-05	5.36E-05	5.36E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jackson County	54035	R	Trichloroethylene	8.20E-02	8.20E-02	8.21E-02	8.23E-02	8.31E-02	8.38E-02	8.63E-02	8.63E-02	0.00E+00	2.12E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Jackson County	54035	R	Vinyl Chloride	3.56E-05	3.56E-05	4.30E-05	9.82E-05	9.00E-05	1.32E-04	1.33E-04	1.33E-04	0.00E+00	9.00E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	Acetaldehyde	1.78E-01	1.78E-01	1.86E-01	1.93E-01	1.92E-01	2.01E-01	2.03E-01	2.03E-01	1.20E-03	1.76E-02	1.50E-01	2.27E-02	0.00E+00
West Virginia	Jefferson County	54037	U	Acrolein	2.63E-02	2.63E-02	2.86E-02	2.90E-02	2.90E-02	2.99E-02	3.12E-02	3.12E-02	2.59E-06	5.48E-03	1.99E-02	3.71E-03	0.00E+00
West Virginia	Jefferson County	54037	U	Acrylonitrile	9.12E-05	9.12E-05	1.14E-04	1.25E-04	1.28E-04	1.44E-04	1.78E-04	1.78E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	Arsenic Compounds	7.56E-04	7.56E-04	1.02E-03	1.75E-03	1.67E-03	2.30E-03	2.87E-03	2.87E-03	5.35E-06	1.64E-03	2.22E-05	3.84E-06	0.00E+00
West Virginia	Jefferson County	54037	U	Benzene	7.57E-01	7.57E-01	8.06E-01	8.15E-01	8.47E-01	9.34E-01	9.42E-01	9.42E-01	6.06E-05	1.26E-01	2.06E-01	3.50E-02	4.80E-01
West Virginia	Jefferson County	54037	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
West Virginia	Jefferson County	54037	U	Beryllium Compounds	3.35E-06	3.35E-06	4.19E-06	5.50E-06	5.97E-06	8.34E-06	8.53E-06	8.53E-06	3.37E-07	2.24E-06	0.00E+00	3.39E-06	0.00E+00
West Virginia	Jefferson County	54037	U	1,3-Butadiene	8.98E-03	8.98E-03	1.14E-02	1.24E-02	1.42E-02	2.02E-02	2.06E-02	2.06E-02	0.00E+00	7.83E-04	1.09E-02	2.55E-03	0.00E+00
West Virginia	Jefferson County	54037	U	Cadmium Compounds	6.21E-05	6.21E-05	7.89E-05	8.52E-05	9.46E-05	1.17E-04	1.42E-04	1.42E-04	2.94E-06	8.83E-05	0.00E+00	3.38E-06	0.00E+00
West Virginia	Jefferson County	54037	U	Carbon Disulfide	4.75E-02	4.75E-02	4.76E-02	4.79E-02	4.84E-02	4.92E-02	5.05E-02	5.05E-02	1.95E-06	1.38E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Jefferson County	54037	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	0.00E+00	1.90E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Jefferson County	54037	U	Chloroform	9.03E-02	9.03E-02	9.35E-02	9.44E-02	9.56E-02	1.01E-01	1.01E-01	1.01E-01	0.00E+00	1.26E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Jefferson County	54037	U	Chromium Compounds (includes Hexavalent)	5.17E-05	5.17E-05	6.30E-05	8.32E-05	8.64E-05	1.13E-04	1.26E-04	1.26E-04	4.43E-05	2.68E-05	1.42E-05	1.15E-06	0.00E+00
West Virginia	Jefferson County	54037	U	Chromium VI	1.66E-05	1.66E-05	2.01E-05	2.62E-05	2.77E-05	3.50E-05	4.27E-05	4.27E-05	1.24E-05	9.19E-06	5.66E-06	3.91E-07	0.00E+00
West Virginia	Jefferson County	54037	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
West Virginia	Jefferson County	54037	U	1,4-Dichlorobenzene	7.53E-03	7.53E-03	9.35E-03	1.05E-02	1.19E-02	1.68E-02	1.71E-02	1.71E-02	2.52E-08	1.19E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	1,3-Dichloropropene	1.39E-02	1.39E-02	1.72E-02	1.94E-02	2.20E-02	3.15E-02	3.21E-02	3.21E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	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	2.90E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Jefferson County	54037	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	6.00E-07	1.85E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Jefferson County	54037	U	Ethylene Oxide	1.09E-03	1.09E-03	1.67E-03	1.86E-03	2.14E-03	3.33E-03	3.43E-03	3.43E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	Formaldehyde	4.18E-01	4.18E-01	4.32E-01	4.56E-01	4.56E-01	4.83E-01	4.85E-01	4.85E-01	1.16E-04	3.89E-02	1.25E-01	4.14E-02	2.50E-01
West Virginia	Jefferson County	54037	U	Hexachlorobenzene	9.35E-05	9.35E-05	9.36E-05	9.38E-05	9.39E-05	9.45E-05	9.45E-05	9.45E-05	6.71E-08	8.42E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Jefferson County	54037	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	6.23E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Jefferson County	54037	U	Hexamethylene Diisocyanate	1.14E-05	1.14E-05	1.32E-05	2.07E-05	2.35E-05	2.90E-05	4.89E-05	4.89E-05	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	Hydrazine	3.34E-09	3.34E-09	7.32E-09	8.85E-09	6.99E-08	1.43E-07	3.08E-07	3.08E-07	0.00E+00	6.99E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	Lead Compounds	3.33E-04	3.33E-04	5.79E-04	7.17E-04	7.37E-04	9.01E-04	1.07E-03	1.07E-03	2.75E-05	2.50E-04	0.00E+00	4.59E-04	0.00E+00
West Virginia	Jefferson County	54037	U	Manganese Compounds	4.08E-04	4.08E-04	4.26E-04	4.56E-04	5.47E-04	5.88E-04	1.02E-03	1.02E-03	4.19E-04	1.23E-04	4.39E-06	6.36E-07	0.00E+00
West Virginia	Jefferson County	54037	U	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.56E-03	2.27E-06	9.60E-06	2.56E-05	6.93E-06	1.50E-03
West Virginia	Jefferson County	54037	U	Methylene Chloride	1.78E-01	1.78E-01	1.83E-01	1.88E-01	1.95E-01	2.04E-01	2.23E-01	2.23E-01	8.01E-05	4.45E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Jefferson County	54037	U	Nickel Compounds	6.16E-05	6.16E-05	7.91E-05	8.63E-05	8.97E-05	1.09E-04	1.10E-04	1.10E-04	1.24E-05	6.53E-05	1.07E-05	1.40E-06	0.00E+00
West Virginia	Jefferson County	54037	U	Perchloroethylene	1.47E-01	1.47E-01	1.49E-01	1.52E-01	1.53E-01	1.59E-01	1.59E-01	1.59E-01	4.10E-06	1.29E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Jefferson County	54037	U	Polychlorinated Biphenyls	4.27E-04	4.27E-04	4.41E-04	4.60E-04	4.76E-04	5.42E-04	5.44E-04	5.44E-04	5.38E-09	9.61E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Jefferson County	54037	U	Polycyclic Organic Matter	4.88E-02	4.88E-02	5.01E-02	7.40E-02	6.53E-02	7.66E-02	7.82E-02	7.82E-02	2.81E-02	3.09E-02	5.18E-03	1.06E-03	0.00E+00
West Virginia	Jefferson County	54037	U	7-PAH	6.19E-04	6.19E-04	6.50E-04	8.56E-04	8.68E-04	1.11E-03	1.11E-03	1.11E-03	2.72E-05	7.91E-04	3.83E-05	1.20E-05	0.00E+00
West Virginia	Jefferson County	54037	U	Propylene Dichloride	5.57E-06	5.57E-06	6.62E-06	7.18E-06	8.62E-06	1.18E-05	1.37E-05	1.37E-05	0.00E+00	8.62E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	Quinoline	7.00E-08	7.00E-08	9.33E-08	1.04E-07	2.97E-07	5.79E-07	9.95E-07	9.95E-07	0.00E+00	2.97E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	1,1,2,2-Tetrachloroethane	4.08E-05	4.08E-05	4.45E-05	4.83E-05	4.92E-05	5.50E-05	5.98E-05	5.98E-05	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Jefferson County	54037	U	Trichloroethylene	8.30E-02	8.30E-02	8.31E-02	8.35E-02	8.46E-02	8.51E-02	8.92E-02	8.92E-02	0.00E+00	3.56E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Jefferson County	54037	U	Vinyl Chloride	9.37E-05	9.37E-05	1.06E-04	1.24E-04	1.20E-04	1.27E-04	1.52E-04	1.52E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	Acetaldehyde	1.52E-01	1.67E-01	2.24E-01	2.80E-01	3.41E-01	4.73E-01	5.36E-01	6.58E-01	2.47E-02	1.49E-02	2.56E-01	4.56E-02	0.00E+00
West Virginia	Kanawha County	54039	U	Acrolein	3.31E-02	3.83E-02	4.52E-02	5.62E-02	5.78E-02	7.00E-02	7.90E-02	8.27E-02	1.59E-03	1.76E-02	3.34E-02	5.17E-03	0.00E+00
West Virginia	Kanawha County	54039	U	Acrylonitrile	9.70E-05	2.26E-04	3.77E-04	5.84E-04	9.77E-04	9.96E-04	1.64E-03	4.16E-03	4.24E-04	5.53E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	Arsenic Compounds	1.67E-04	2.07E-04	2.54E-04	3.02E-04	3.84E-04	4.48E-04	6.56E-04	8.07E-04	2.49E-04	9.11E-05	3.69E-05	7.45E-06	0.00E+00
West Virginia	Kanawha County	54039	U	Benzene	8.14E-01	8.68E-01	1.03E+00	1.41E+00	1.61E+00	1.93E+00	2.89E+00	3.48E+00	1.19E-04	5.24E-01	5.29E-01	7.47E-02	4.80E-01
West Virginia	Kanawha County	54039	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
West Virginia	Kanawha County	54039	U	Beryllium Compounds	4.83E-06	6.65E-06	9.13E-06	1.61E-05	1.92E-05	2.55E-05	3.58E-05	4.20E-05	1.29E-05	5.19E-06	0.00E+00	1.19E-06	0.00E+00
West Virginia	Kanawha County	54039	U	1,3-Butadiene	9.68E-03	1.29E-02	1.90E-02	3.06E-02	4.95E-02	7.38E-02	1.16E-01	1.32E-01	2.48E-03	2.05E-03	3.74E-02	7.49E-03	0.00E+00
West Virginia	Kanawha County	54039	U	Cadmium Compounds	7.61E-06	9.45E-06	1.44E-05	2.56E-05	3.85E-05	4.16E-05	6.85E-05	1.42E-04	8.04E-07	3.65E-05	0.00E+00	1.23E-06	0.00E+00
West Virginia	Kanawha County	54039	U	Carbon Disulfide	4.75E-02	4.77E-02	4.85E-02	4.96E-02	5.06E-02	5.19E-02	5.45E-02	5.81E-02	1.76E-06	3.61E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Kanawha County	54039	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	0.00E+00	6.24E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Kanawha County	54039	U	Chloroform	8.64E-02	8.86E-02	9.34E-02	1.04E-01	1.05E-01	1.11E-01	1.22E-01	1.28E-01	1.60E-07	2.17E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Kanawha County	54039	U	Chromium Compounds (includes Hexavalent)	1.94E-04	2.06E-04	2.83E-04	3.88E-04	5.81E-04	6.51E-04	1.19E-03	1.54E-03	4.23E-04	1.26E-04	3.00E-05	1.38E-06	0.00E+00
West Virginia	Kanawha County	54039	U	Chromium VI	3.65E-05	4.02E-05	5.61E-05	9.31E-05	1.30E-04	1.45E-04	2.45E-04	4.69E-04	4.70E-05	7.06E-05	1.20E-05	4.68E-07	0.00E+00
West Virginia	Kanawha County	54039	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
West Virginia	Kanawha County	54039	U	1,4-Dichlorobenzene	4.66E-03	7.27E-03	1.37E-02	2.46E-02	2.72E-02	3.44E-02	5.04E-02	5.88E-02	3.40E-07	2.72E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	1,3-Dichloropropene	8.51E-03	1.33E-02	2.55E-02	4.62E-02	5.12E-02	6.51E-02	9.58E-02	1.12E-01	0.00E+00	5.12E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	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	1.57E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Kanawha County	54039	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	3.23E-06	3.80E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Kanawha County	54039	U	Ethylene Oxide	2.14E-03	3.43E-03	7.07E-03	1.79E-02	4.19E-02	3.22E-02	5.90E-02	1.31E-01	3.45E-02	7.37E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	Formaldehyde	4.50E-01	4.65E-01	5.16E-01	5.60E-01	6.45E-01	7.73E-01	9.64E-01	1.01E+00	4.49E-04	6.76E-02	2.54E-01	7.29E-02	2.50E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Kanawha County	54039	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.34E-05	9.37E-05	9.37E-05	9.39E-05	9.42E-05	9.42E-05	0.00E+00	6.72E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Kanawha County	54039	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	2.21E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Kanawha County	54039	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
West Virginia	Kanawha County	54039	U	Hydrazine	0.00E+00	0.00E+00	2.44E-12	3.48E-12	5.98E-12	8.38E-12	1.49E-11	1.93E-11	0.00E+00	5.98E-12	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	Lead Compounds	3.02E-04	5.54E-04	7.99E-04	1.08E-03	1.38E-03	1.50E-03	2.27E-03	3.98E-03	3.09E-04	2.40E-04	0.00E+00	8.36E-04	0.00E+00
West Virginia	Kanawha County	54039	U	Manganese Compounds	2.70E-04	2.94E-04	3.35E-04	4.93E-04	6.31E-04	6.98E-04	1.19E-03	1.49E-03	5.35E-04	8.55E-05	9.74E-06	1.32E-06	0.00E+00
West Virginia	Kanawha County	54039	U	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.58E-03	1.61E-03	1.63E-03	1.67E-03	1.76E-03	7.41E-08	6.10E-05	3.70E-05	7.25E-06	1.50E-03
West Virginia	Kanawha County	54039	U	Methylene Chloride	1.64E-01	1.72E-01	1.96E-01	2.60E-01	2.90E-01	3.00E-01	4.86E-01	6.58E-01	3.56E-06	1.40E-01	0.00E+00	0.00E+00	1.50E-01
West Virginia	Kanawha County	54039	U	Nickel Compounds	2.07E-04	2.34E-04	3.44E-04	5.96E-04	7.26E-04	9.63E-04	1.30E-03	1.67E-03	5.14E-04	1.77E-04	2.24E-05	1.32E-05	0.00E+00
West Virginia	Kanawha County	54039	U	Perchloroethylene	1.45E-01	1.48E-01	1.61E-01	1.75E-01	1.81E-01	1.94E-01	2.23E-01	2.40E-01	5.29E-07	4.06E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Kanawha County	54039	U	Polychlorinated Biphenyls	4.00E-04	4.04E-04	4.23E-04	4.64E-04	4.62E-04	4.94E-04	5.24E-04	5.31E-04	0.00E+00	8.18E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Kanawha County	54039	U	Polycyclic Organic Matter	2.14E-02	2.45E-02	3.67E-02	6.24E-02	7.00E-02	9.04E-02	1.20E-01	1.58E-01	9.79E-04	5.51E-02	1.17E-02	2.26E-03	0.00E+00
West Virginia	Kanawha County	54039	U	7-PAH	5.93E-04	5.97E-04	7.13E-04	8.83E-04	8.86E-04	9.98E-04	1.16E-03	1.28E-03	8.18E-09	7.88E-04	7.63E-05	2.12E-05	0.00E+00
West Virginia	Kanawha County	54039	U	Propylene Dichloride	3.91E-06	1.03E-05	1.32E-05	1.63E-05	2.07E-05	2.29E-05	3.23E-05	5.97E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	Quinoline	1.67E-07	2.67E-07	5.16E-07	9.88E-07	5.67E-06	3.64E-06	7.82E-06	1.94E-05	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	1,1,2,2-Tetrachloroethane	3.31E-05	8.71E-05	9.97E-05	1.17E-04	1.56E-04	1.48E-04	2.65E-04	5.28E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Kanawha County	54039	U	Trichloroethylene	8.21E-02	8.30E-02	8.52E-02	9.15E-02	9.84E-02	9.74E-02	1.24E-01	1.66E-01	0.00E+00	1.74E-02	0.00E+00	0.00E+00	8.10E-02
West Virginia	Kanawha County	54039	U	Vinyl Chloride	8.85E-05	2.35E-04	2.73E-04	3.20E-04	4.53E-04	4.32E-04	7.85E-04	1.48E-03	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	Acetaldehyde	5.55E-02	5.55E-02	8.92E-02	9.08E-02	1.03E-01	1.35E-01	1.43E-01	1.43E-01	1.67E-03	1.65E-02	7.70E-02	7.43E-03	0.00E+00
West Virginia	Lewis County	54041	R	Acrolein	1.87E-02	1.87E-02	2.37E-02	2.97E-02	2.88E-02	3.47E-02	3.72E-02	3.72E-02	2.78E-04	1.39E-02	1.28E-02	1.82E-03	0.00E+00
West Virginia	Lewis County	54041	R	Acrylonitrile	9.34E-05	9.34E-05	9.47E-05	1.81E-04	1.59E-04	2.07E-04	2.21E-04	2.21E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	Arsenic Compounds	1.33E-05	1.33E-05	3.06E-05	5.69E-05	4.86E-05	6.31E-05	7.89E-05	7.89E-05	2.63E-05	2.85E-06	1.69E-05	2.51E-06	0.00E+00
West Virginia	Lewis County	54041	R	Benzene	6.35E-01	6.35E-01	7.54E-01	9.15E-01	1.03E+00	1.23E+00	1.64E+00	1.64E+00	1.85E-05	3.58E-01	1.70E-01	2.70E-02	4.80E-01
West Virginia	Lewis County	54041	R	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
West Virginia	Lewis County	54041	R	Beryllium Compounds	3.72E-07	3.72E-07	2.93E-06	4.26E-06	3.54E-06	4.93E-06	5.19E-06	5.19E-06	2.68E-06	7.88E-07	0.00E+00	7.36E-08	0.00E+00
West Virginia	Lewis County	54041	R	1,3-Butadiene	4.09E-03	4.09E-03	8.43E-03	1.22E-02	1.50E-02	1.80E-02	3.24E-02	3.24E-02	0.00E+00	2.85E-03	1.04E-02	1.75E-03	0.00E+00
West Virginia	Lewis County	54041	R	Cadmium Compounds	6.97E-07	6.97E-07	1.16E-06	1.84E-06	1.88E-06	2.77E-06	2.94E-06	2.94E-06	5.17E-07	1.29E-06	0.00E+00	7.31E-08	0.00E+00
West Virginia	Lewis County	54041	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.76E-02	4.77E-02	4.77E-02	4.03E-07	3.38E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Lewis County	54041	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.29E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Lewis County	54041	R	Chloroform	8.40E-02	8.40E-02	8.41E-02	8.53E-02	8.49E-02	8.54E-02	8.56E-02	8.56E-02	0.00E+00	1.90E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Lewis County	54041	R	Chromium Compounds (includes Hexavalent)	7.98E-06	7.98E-06	5.42E-05	9.42E-05	7.64E-05	9.90E-05	1.26E-04	1.26E-04	5.59E-05	1.00E-05	1.02E-05	2.51E-07	0.00E+00
West Virginia	Lewis County	54041	R	Chromium VI	3.25E-06	3.25E-06	7.16E-06	1.49E-05	1.41E-05	1.86E-05	2.64E-05	2.64E-05	6.14E-06	3.77E-06	4.06E-06	8.52E-08	0.00E+00
West Virginia	Lewis County	54041	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	1,4-Dichlorobenzene	2.54E-03	2.54E-03	2.57E-03	5.70E-03	7.30E-03	1.21E-02	1.36E-02	1.36E-02	0.00E+00	7.30E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	1,3-Dichloropropene	4.53E-03	4.53E-03	4.57E-03	1.04E-02	1.35E-02	2.27E-02	2.56E-02	2.56E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.51E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Lewis County	54041	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.24E-07	2.29E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Lewis County	54041	R	Ethylene Oxide	5.09E-04	5.09E-04	5.43E-04	1.25E-03	1.66E-03	2.91E-03	3.09E-03	3.09E-03	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	Formaldehyde	3.51E-01	3.51E-01	3.93E-01	4.26E-01	4.21E-01	4.42E-01	4.93E-01	4.93E-01	9.60E-04	7.21E-02	8.21E-02	1.54E-02	2.50E-01
West Virginia	Lewis County	54041	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.35E-05	9.39E-05	9.41E-05	9.41E-05	0.00E+00	5.50E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Lewis County	54041	R	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	5.07E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Lewis County	54041	R	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
West Virginia	Lewis County	54041	R	Hydrazine	1.38E-11	1.38E-11	1.54E-11	3.79E-11	3.56E-11	4.45E-11	6.63E-11	6.63E-11	0.00E+00	3.56E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	Lead Compounds	2.88E-05	2.88E-05	6.65E-05	1.35E-04	1.05E-04	1.46E-04	1.50E-04	1.50E-04	1.54E-05	3.89E-05	0.00E+00	5.11E-05	0.00E+00
West Virginia	Lewis County	54041	R	Manganese Compounds	2.47E-05	2.47E-05	5.04E-05	9.82E-05	7.98E-05	1.01E-04	1.25E-04	1.25E-04	4.77E-05	2.86E-05	3.23E-06	2.45E-07	0.00E+00
West Virginia	Lewis County	54041	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	1.55E-03	1.55E-03	3.44E-06	2.22E-06	1.97E-05	2.12E-06	1.50E-03
West Virginia	Lewis County	54041	R	Methylene Chloride	1.62E-01	1.62E-01	1.73E-01	2.02E-01	2.43E-01	3.17E-01	3.61E-01	3.61E-01	8.42E-07	9.32E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Lewis County	54041	R	Nickel Compounds	1.28E-05	1.28E-05	6.64E-05	1.45E-04	1.12E-04	1.52E-04	1.82E-04	1.82E-04	6.56E-05	3.81E-05	7.67E-06	3.98E-07	0.00E+00
West Virginia	Lewis County	54041	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.53E-01	1.51E-01	1.56E-01	1.56E-01	1.56E-01	1.25E-07	1.07E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Lewis County	54041	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.97E-04	4.23E-04	4.42E-04	4.88E-04	5.09E-04	5.09E-04	0.00E+00	6.20E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Lewis County	54041	R	Polycyclic Organic Matter	1.01E-02	1.01E-02	1.65E-02	2.50E-02	3.27E-02	4.08E-02	7.12E-02	7.12E-02	5.30E-08	2.85E-02	3.91E-03	3.01E-04	0.00E+00
West Virginia	Lewis County	54041	R	7-PAH	4.30E-04	4.30E-04	4.97E-04	5.88E-04	7.36E-04	1.07E-03	1.09E-03	1.09E-03	1.08E-09	7.05E-04	2.89E-05	2.78E-06	0.00E+00
West Virginia	Lewis County	54041	R	Propylene Dichloride	5.59E-06	5.59E-06	5.61E-06	1.03E-05	8.83E-06	1.08E-05	1.19E-05	1.19E-05	0.00E+00	8.83E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	Quinoline	4.33E-10	4.33E-10	7.30E-10	1.34E-09	1.20E-09	1.56E-09	1.95E-09	1.95E-09	0.00E+00	1.20E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	1,1,2,2-Tetrachloroethane	4.76E-05	4.76E-05	4.96E-05	8.47E-05	7.34E-05	9.10E-05	9.40E-05	9.40E-05	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lewis County	54041	R	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.29E-02	8.40E-02	8.66E-02	8.70E-02	8.70E-02	0.00E+00	2.96E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Lewis County	54041	R	Vinyl Chloride	1.17E-04	1.17E-04	1.21E-04	2.06E-04	1.79E-04	2.21E-04	2.29E-04	2.29E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	Acetaldehyde	8.08E-02	8.08E-02	9.52E-02	1.40E-01	1.70E-01	2.61E-01	2.73E-01	2.73E-01	5.93E-02	1.53E-02	8.10E-02	1.44E-02	0.00E+00
West Virginia	Lincoln County	54043	R	Acrolein	2.34E-02	2.34E-02	2.50E-02	2.71E-02	2.70E-02	2.89E-02	3.04E-02	3.04E-02	3.15E-04	1.41E-02	1.07E-02	1.84E-03	0.00E+00
West Virginia	Lincoln County	54043	R	Acrylonitrile	7.18E-05	7.18E-05	1.32E-04	1.37E-04	1.38E-04	1.67E-04	1.80E-04	1.80E-04	1.22E-05	1.25E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	Arsenic Compounds	2.46E-05	2.46E-05	1.09E-04	1.15E-04	1.23E-04	1.66E-04	2.00E-04	2.00E-04	8.78E-05	2.48E-05	8.66E-06	1.77E-06	0.00E+00
West Virginia	Lincoln County	54043	R	Benzene	6.48E-01	6.48E-01	6.55E-01	7.22E-01	7.05E-01	7.43E-01	7.59E-01	7.59E-01	2.09E-03	1.04E-01	1.02E-01	1.69E-02	4.80E-01
West Virginia	Lincoln County	54043	R	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
West Virginia	Lincoln County	54043	R	Beryllium Compounds	1.47E-06	1.47E-06	4.19E-06	5.36E-06	5.23E-06	6.90E-06	8.22E-06	8.22E-06	4.10E-06	6.55E-07	0.00E+00	4.76E-07	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Lincoln County	54043	R	1,3-Butadiene	4.35E-03	4.35E-03	5.36E-03	6.21E-03	6.11E-03	6.87E-03	7.74E-03	7.74E-03	2.46E-05	2.24E-03	3.24E-03	5.98E-04	0.00E+00
West Virginia	Lincoln County	54043	R	Cadmium Compounds	2.35E-06	2.35E-06	7.54E-06	1.29E-05	1.13E-05	1.68E-05	1.70E-05	1.70E-05	2.04E-06	8.71E-06	0.00E+00	5.60E-07	0.00E+00
West Virginia	Lincoln County	54043	R	Carbon Disulfide	4.71E-02	4.71E-02	4.76E-02	4.80E-02	4.79E-02	4.84E-02	4.84E-02	4.84E-02	7.95E-05	8.26E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Lincoln County	54043	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.14E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Lincoln County	54043	R	Chloroform	8.41E-02	8.41E-02	8.49E-02	8.54E-02	8.54E-02	8.62E-02	8.64E-02	8.64E-02	1.26E-08	2.39E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Lincoln County	54043	R	Chromium Compounds (includes Hexavalent)	2.42E-05	2.42E-05	1.45E-04	1.95E-04	1.84E-04	2.53E-04	3.01E-04	3.01E-04	1.42E-04	3.51E-05	5.97E-06	6.37E-07	0.00E+00
West Virginia	Lincoln County	54043	R	Chromium VI	4.99E-06	4.99E-06	2.73E-05	3.85E-05	3.69E-05	5.14E-05	6.22E-05	6.22E-05	1.62E-05	1.81E-05	2.40E-06	2.16E-07	0.00E+00
West Virginia	Lincoln County	54043	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	6.16E-03	7.02E-03	7.02E-03	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	1,4-Dichlorobenzene	3.82E-03	3.82E-03	3.99E-03	5.58E-03	5.07E-03	5.73E-03	6.25E-03	6.25E-03	2.29E-08	5.07E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	1,3-Dichloropropene	6.88E-03	6.88E-03	7.03E-03	1.01E-02	9.09E-03	1.02E-02	1.13E-02	1.13E-02	0.00E+00	9.09E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.79E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Lincoln County	54043	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.77E-07	1.22E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Lincoln County	54043	R	Ethylene Oxide	7.15E-04	7.15E-04	2.31E-03	2.90E-03	2.89E-03	4.12E-03	4.42E-03	4.42E-03	1.90E-03	9.90E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	Formaldehyde	3.81E-01	3.81E-01	3.94E-01	4.07E-01	4.08E-01	4.24E-01	4.35E-01	4.35E-01	1.66E-04	6.66E-02	6.74E-02	2.40E-02	2.50E-01
West Virginia	Lincoln County	54043	R	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	0.00E+00	2.98E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Lincoln County	54043	R	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	2.88E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Lincoln County	54043	R	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
West Virginia	Lincoln County	54043	R	Hydrazine	1.31E-11	1.31E-11	2.69E-11	6.35E-11	1.47E-10	2.91E-10	3.38E-10	3.38E-10	0.00E+00	1.47E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	Lead Compounds	4.17E-05	4.17E-05	2.18E-04	2.35E-04	2.40E-04	3.50E-04	3.54E-04	3.54E-04	1.07E-04	6.27E-05	0.00E+00	7.00E-05	0.00E+00
West Virginia	Lincoln County	54043	R	Manganese Compounds	5.81E-05	5.81E-05	1.83E-04	2.84E-04	2.42E-04	3.17E-04	3.68E-04	3.68E-04	1.78E-04	6.13E-05	1.83E-06	1.14E-06	0.00E+00
West Virginia	Lincoln County	54043	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	8.96E-07	4.42E-06	9.70E-06	2.50E-06	1.50E-03
West Virginia	Lincoln County	54043	R	Methylene Chloride	1.64E-01	1.64E-01	1.68E-01	1.69E-01	1.69E-01	1.70E-01	1.73E-01	1.73E-01	5.38E-06	1.90E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Lincoln County	54043	R	Nickel Compounds	9.63E-05	9.63E-05	2.18E-04	3.55E-04	2.86E-04	3.60E-04	3.99E-04	3.99E-04	1.71E-04	8.97E-05	4.44E-06	2.06E-05	0.00E+00
West Virginia	Lincoln County	54043	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.46E-01	1.45E-01	1.46E-01	1.47E-01	1.47E-01	6.97E-05	5.22E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Lincoln County	54043	R	Polychlorinated Biphenyls	4.03E-04	4.03E-04	4.05E-04	4.18E-04	4.16E-04	4.23E-04	4.30E-04	4.30E-04	1.25E-09	3.59E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Lincoln County	54043	R	Polycyclic Organic Matter	1.48E-02	1.48E-02	1.48E-02	1.89E-02	1.75E-02	1.93E-02	1.97E-02	1.97E-02	3.54E-04	1.44E-02	2.36E-03	4.18E-04	0.00E+00
West Virginia	Lincoln County	54043	R	7-PAH	6.02E-04	6.02E-04	6.22E-04	6.27E-04	6.50E-04	6.57E-04	7.43E-04	7.43E-04	3.54E-07	6.26E-04	1.64E-05	7.29E-06	0.00E+00
West Virginia	Lincoln County	54043	R	Propylene Dichloride	3.75E-06	3.75E-06	6.30E-06	6.54E-06	6.24E-06	6.67E-06	7.96E-06	7.96E-06	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	Quinoline	1.32E-09	1.32E-09	2.13E-07	2.73E-07	2.75E-07	4.35E-07	4.55E-07	4.55E-07	0.00E+00	2.75E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	1,1,2,2-Tetrachloroethane	3.14E-05	3.14E-05	5.38E-05	5.45E-05	5.24E-05	5.68E-05	6.54E-05	6.54E-05	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Lincoln County	54043	R	Trichloroethylene	8.16E-02	8.16E-02	8.18E-02	8.21E-02	8.21E-02	8.23E-02	8.24E-02	8.24E-02	0.00E+00	1.06E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Lincoln County	54043	R	Vinyl Chloride	8.07E-05	8.07E-05	1.37E-04	1.45E-04	1.38E-04	1.55E-04	1.75E-04	1.75E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	Acetaldehyde	6.30E-02	6.30E-02	7.64E-02	9.08E-02	8.66E-02	9.60E-02	1.09E-01	1.09E-01	8.50E-07	2.26E-02	5.24E-02	1.16E-02	0.00E+00
West Virginia	Logan County	54045	R	Acrolein	1.97E-02	1.97E-02	2.56E-02	2.64E-02	2.60E-02	2.72E-02	2.98E-02	2.98E-02	1.17E-05	1.66E-02	7.94E-03	1.41E-03	0.00E+00
West Virginia	Logan County	54045	R	Acrylonitrile	4.92E-05	4.92E-05	8.46E-05	9.66E-05	1.50E-04	2.33E-04	2.54E-04	2.54E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	Arsenic Compounds	1.23E-05	1.23E-05	1.42E-05	2.26E-05	2.45E-05	3.19E-05	3.94E-05	3.94E-05	0.00E+00	1.24E-05	9.58E-06	2.61E-06	0.00E+00
West Virginia	Logan County	54045	R	Benzene	6.21E-01	6.21E-01	6.56E-01	6.83E-01	6.84E-01	7.14E-01	7.71E-01	7.71E-01	1.37E-08	9.05E-02	9.48E-02	1.90E-02	4.80E-01
West Virginia	Logan County	54045	R	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
West Virginia	Logan County	54045	R	Beryllium Compounds	7.76E-07	7.76E-07	1.16E-06	1.29E-06	2.61E-06	3.87E-06	7.13E-06	7.13E-06	0.00E+00	2.18E-06	0.00E+00	4.35E-07	0.00E+00
West Virginia	Logan County	54045	R	1,3-Butadiene	6.39E-03	6.39E-03	7.30E-03	8.13E-03	9.02E-03	1.07E-02	1.33E-02	1.33E-02	4.66E-07	2.57E-03	5.23E-03	1.22E-03	0.00E+00
West Virginia	Logan County	54045	R	Cadmium Compounds	1.09E-06	1.09E-06	1.46E-06	1.49E-06	1.72E-06	1.73E-06	3.24E-06	3.24E-06	0.00E+00	1.26E-06	0.00E+00	4.57E-07	0.00E+00
West Virginia	Logan County	54045	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.73E-02	4.73E-02	4.82E-02	4.82E-02	0.00E+00	3.09E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Logan County	54045	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.28E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Logan County	54045	R	Chloroform	8.41E-02	8.41E-02	8.45E-02	8.45E-02	8.49E-02	8.49E-02	8.68E-02	8.68E-02	0.00E+00	1.86E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Logan County	54045	R	Chromium Compounds (includes Hexavalent)	6.83E-06	6.83E-06	8.00E-06	1.07E-05	1.26E-05	1.51E-05	2.50E-05	2.50E-05	0.00E+00	6.35E-06	5.83E-06	3.74E-07	0.00E+00
West Virginia	Logan County	54045	R	Chromium VI	2.62E-06	2.62E-06	2.75E-06	3.25E-06	3.48E-06	4.07E-06	5.57E-06	5.57E-06	0.00E+00	1.04E-06	2.31E-06	1.27E-07	0.00E+00
West Virginia	Logan County	54045	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	1,4-Dichlorobenzene	3.44E-03	3.44E-03	4.57E-03	5.52E-03	5.74E-03	6.49E-03	8.84E-03	8.84E-03	0.00E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	1,3-Dichloropropene	6.29E-03	6.29E-03	8.35E-03	1.02E-02	1.06E-02	1.20E-02	1.65E-02	1.65E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.92E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Logan County	54045	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.54E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Logan County	54045	R	Ethylene Oxide	6.92E-04	6.92E-04	1.03E-03	1.18E-03	1.66E-03	1.60E-03	4.48E-03	4.48E-03	8.80E-05	1.57E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	Formaldehyde	3.63E-01	3.63E-01	3.78E-01	3.96E-01	3.94E-01	4.09E-01	4.28E-01	4.28E-01	5.94E-07	7.12E-02	5.20E-02	2.09E-02	2.50E-01
West Virginia	Logan County	54045	R	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.35E-05	9.35E-05	9.36E-05	9.39E-05	9.39E-05	0.00E+00	4.77E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Logan County	54045	R	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	4.67E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Logan County	54045	R	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
West Virginia	Logan County	54045	R	Hydrazine	0.00E+00	0.00E+00	4.47E-12	7.74E-12	6.82E-12	9.40E-12	1.32E-11	1.32E-11	0.00E+00	6.82E-12	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	Lead Compounds	2.65E-05	2.65E-05	3.23E-05	3.89E-05	6.98E-05	5.38E-05	3.08E-04	3.08E-04	0.00E+00	6.71E-05	0.00E+00	2.67E-06	0.00E+00
West Virginia	Logan County	54045	R	Manganese Compounds	1.84E-05	1.84E-05	4.42E-05	5.45E-05	4.82E-05	5.78E-05	6.86E-05	6.86E-05	0.00E+00	4.59E-05	1.83E-06	5.32E-07	0.00E+00
West Virginia	Logan County	54045	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	2.69E-06	1.12E-05	2.82E-06	1.50E-03
West Virginia	Logan County	54045	R	Methylene Chloride	1.63E-01	1.63E-01	1.67E-01	1.69E-01	1.78E-01	1.74E-01	2.46E-01	2.46E-01	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Logan County	54045	R	Nickel Compounds	1.73E-05	1.73E-05	2.49E-05	2.86E-05	2.97E-05	3.67E-05	4.13E-05	4.13E-05	0.00E+00	1.84E-05	4.41E-06	6.89E-06	0.00E+00
West Virginia	Logan County	54045	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.48E-01	1.48E-01	0.00E+00	3.69E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Logan County	54045	R	Polychlorinated Biphenyls	4.17E-04	4.17E-04	4.19E-04	4.37E-04	4.38E-04	4.48E-04	4.87E-04	4.87E-04	0.00E+00	5.81E-05	0.00E+00	0.00E+00	3.80E-04

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Logan County	54045	R	Polycyclic Organic Matter	7.80E-03	7.80E-03	1.13E-02	1.30E-02	1.30E-02	1.39E-02	1.77E-02	1.77E-02	0.00E+00	1.04E-02	2.26E-03	2.91E-04	0.00E+00
West Virginia	Logan County	54045	R	7-PAH	5.97E-04	5.97E-04	7.42E-04	7.53E-04	8.26E-04	9.56E-04	1.02E-03	1.02E-03	0.00E+00	8.06E-04	1.68E-05	3.86E-06	0.00E+00
West Virginia	Logan County	54045	R	Propylene Dichloride	2.65E-06	2.65E-06	4.67E-06	5.22E-06	8.24E-06	1.24E-05	1.47E-05	1.47E-05	0.00E+00	8.24E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	Quinoline	0.00E+00	0.00E+00	2.07E-10	2.90E-10	1.20E-08	3.42E-10	1.06E-07	1.06E-07	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	1,1,2,2-Tetrachloroethane	2.13E-05	2.13E-05	3.88E-05	4.34E-05	6.85E-05	1.10E-04	1.28E-04	1.28E-04	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Logan County	54045	R	Trichloroethylene	8.17E-02	8.17E-02	8.20E-02	8.22E-02	8.31E-02	8.27E-02	9.03E-02	9.03E-02	0.00E+00	2.10E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Logan County	54045	R	Vinyl Chloride	5.26E-05	5.26E-05	9.56E-05	1.07E-04	1.70E-04	2.70E-04	3.15E-04	3.15E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	Acetaldehyde	5.65E-02	5.65E-02	6.52E-02	7.57E-02	7.79E-02	7.98E-02	1.27E-01	1.27E-01	0.00E+00	1.65E-02	5.40E-02	7.32E-03	0.00E+00
West Virginia	McDowell County	54047	R	Acrolein	1.59E-02	1.59E-02	1.82E-02	1.83E-02	1.95E-02	1.84E-02	3.16E-02	3.16E-02	0.00E+00	1.17E-02	6.89E-03	9.29E-04	0.00E+00
West Virginia	McDowell County	54047	R	Acrylonitrile	4.22E-05	4.22E-05	6.92E-05	7.25E-05	8.06E-05	8.64E-05	1.38E-04	1.38E-04	0.00E+00	8.06E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	Arsenic Compounds	3.69E-05	3.69E-05	5.80E-05	7.38E-05	7.45E-05	9.75E-05	1.19E-04	1.19E-04	8.53E-09	6.38E-05	9.52E-06	1.14E-06	0.00E+00
West Virginia	McDowell County	54047	R	Benzene	5.76E-01	5.76E-01	5.93E-01	5.98E-01	6.35E-01	6.09E-01	9.22E-01	9.22E-01	6.66E-05	6.10E-02	8.71E-02	6.35E-03	4.80E-01
West Virginia	McDowell County	54047	R	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
West Virginia	McDowell County	54047	R	Beryllium Compounds	3.09E-06	3.09E-06	3.97E-06	5.85E-06	7.63E-06	1.01E-05	1.61E-05	1.61E-05	0.00E+00	6.33E-06	0.00E+00	1.30E-06	0.00E+00
West Virginia	McDowell County	54047	R	1,3-Butadiene	4.29E-03	4.29E-03	4.90E-03	5.84E-03	8.68E-03	6.32E-03	3.27E-02	3.27E-02	0.00E+00	2.61E-03	5.52E-03	5.52E-04	0.00E+00
West Virginia	McDowell County	54047	R	Cadmium Compounds	2.41E-06	2.41E-06	2.81E-06	8.19E-06	8.57E-06	1.26E-05	1.70E-05	1.70E-05	2.38E-09	7.25E-06	0.00E+00	1.31E-06	0.00E+00
West Virginia	McDowell County	54047	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.73E-02	4.73E-02	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	McDowell County	54047	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.05E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	McDowell County	54047	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.38E-02	8.38E-02	8.41E-02	8.43E-02	8.43E-02	0.00E+00	7.97E-04	0.00E+00	0.00E+00	8.30E-02
West Virginia	McDowell County	54047	R	Chromium Compounds (includes Hexavalent)	2.64E-05	2.64E-05	3.59E-05	4.61E-05	4.60E-05	5.41E-05	6.77E-05	6.77E-05	3.18E-07	3.97E-05	5.54E-06	4.37E-07	0.00E+00
West Virginia	McDowell County	54047	R	Chromium VI	2.89E-06	2.89E-06	4.17E-06	4.58E-06	5.10E-06	5.09E-06	1.12E-05	1.12E-05	4.29E-08	2.68E-06	2.22E-06	1.49E-07	0.00E+00
West Virginia	McDowell County	54047	R	Coke Oven Emissions	0.00E+00	0.00E+00	9.30E-04	2.21E-03	2.19E-03	3.26E-03	4.97E-03	4.97E-03	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	1,4-Dichlorobenzene	2.70E-03	2.70E-03	3.14E-03	3.53E-03	4.92E-03	3.93E-03	1.61E-02	1.61E-02	0.00E+00	4.92E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	1,3-Dichloropropene	4.93E-03	4.93E-03	5.76E-03	6.48E-03	9.13E-03	7.16E-03	3.05E-02	3.05E-02	0.00E+00	9.13E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.79E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	McDowell County	54047	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.56E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	McDowell County	54047	R	Ethylene Oxide	4.18E-04	4.18E-04	4.90E-04	5.95E-04	8.84E-04	7.66E-04	2.96E-03	2.96E-03	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	Formaldehyde	3.44E-01	3.44E-01	3.57E-01	3.59E-01	3.73E-01	3.63E-01	5.00E-01	5.00E-01	1.23E-06	5.76E-02	5.13E-02	1.37E-02	2.50E-01
West Virginia	McDowell County	54047	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	9.47E-05	9.47E-05	0.00E+00	4.41E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	McDowell County	54047	R	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-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	McDowell County	54047	R	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
West Virginia	McDowell County	54047	R	Hydrazine	9.66E-15	9.66E-15	1.43E-12	3.31E-12	6.17E-12	5.96E-12	1.86E-11	1.86E-11	0.00E+00	6.17E-12	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	Lead Compounds	8.86E-05	8.86E-05	1.32E-04	1.65E-04	1.86E-04	2.24E-04	3.41E-04	3.41E-04	5.19E-08	1.46E-04	0.00E+00	3.95E-05	0.00E+00
West Virginia	McDowell County	54047	R	Manganese Compounds	9.34E-05	9.34E-05	1.67E-04	2.15E-04	2.20E-04	2.67E-04	3.79E-04	3.79E-04	1.82E-06	2.16E-04	1.80E-06	3.63E-07	0.00E+00
West Virginia	McDowell County	54047	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.56E-03	8.01E-08	1.58E-05	1.14E-05	2.44E-06	1.50E-03
West Virginia	McDowell County	54047	R	Methylene Chloride	1.59E-01	1.59E-01	1.62E-01	1.63E-01	1.65E-01	1.66E-01	1.74E-01	1.74E-01	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	McDowell County	54047	R	Nickel Compounds	3.75E-05	3.75E-05	4.34E-05	5.49E-05	5.45E-05	6.48E-05	7.43E-05	7.43E-05	3.57E-07	4.51E-05	4.23E-06	4.75E-06	0.00E+00
West Virginia	McDowell County	54047	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.45E-01	1.47E-01	1.52E-01	1.52E-01	0.00E+00	5.39E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	McDowell County	54047	R	Polychlorinated Biphenyls	3.99E-04	3.99E-04	4.08E-04	4.15E-04	4.33E-04	4.24E-04	5.89E-04	5.89E-04	0.00E+00	5.34E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	McDowell County	54047	R	Polycyclic Organic Matter	6.60E-03	6.60E-03	7.84E-03	8.59E-03	1.06E-02	9.84E-03	2.67E-02	2.67E-02	1.22E-11	8.09E-03	2.16E-03	3.21E-04	0.00E+00
West Virginia	McDowell County	54047	R	7-PAH	5.29E-04	5.29E-04	5.62E-04	5.76E-04	6.87E-04	6.05E-04	1.56E-03	1.56E-03	1.13E-13	6.67E-04	1.63E-05	3.66E-06	0.00E+00
West Virginia	McDowell County	54047	R	Propylene Dichloride	2.26E-06	2.26E-06	3.68E-06	3.87E-06	4.47E-06	4.67E-06	8.08E-06	8.08E-06	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	Quinoline	5.36E-13	5.36E-13	1.17E-10	2.17E-10	3.21E-10	3.33E-10	1.12E-09	1.12E-09	0.00E+00	3.21E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	1,1,2,2-Tetrachloroethane	1.81E-05	1.81E-05	2.75E-05	3.25E-05	3.73E-05	3.78E-05	7.19E-05	7.19E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	McDowell County	54047	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.17E-02	8.17E-02	8.19E-02	8.21E-02	8.21E-02	0.00E+00	7.20E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	McDowell County	54047	R	Vinyl Chloride	4.47E-05	4.47E-05	6.79E-05	8.00E-05	9.20E-05	9.33E-05	1.77E-04	1.77E-04	0.00E+00	9.20E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	Acetaldehyde	8.45E-02	1.07E-01	1.26E-01	1.38E-01	1.59E-01	1.76E-01	2.57E-01	2.61E-01	4.64E-05	2.29E-02	1.17E-01	1.90E-02	0.00E+00
West Virginia	Marion County	54049	R	Acrolein	2.41E-02	2.95E-02	3.17E-02	3.81E-02	3.92E-02	4.34E-02	5.35E-02	6.39E-02	6.81E-06	1.40E-02	2.24E-02	2.76E-03	0.00E+00
West Virginia	Marion County	54049	R	Acrylonitrile	1.77E-04	2.62E-04	2.82E-04	3.32E-04	5.22E-04	6.51E-04	1.54E-03	1.58E-03	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	Arsenic Compounds	5.36E-05	8.24E-05	1.11E-04	1.63E-04	1.47E-04	1.68E-04	2.04E-04	2.20E-04	1.10E-04	1.01E-05	2.21E-05	4.80E-06	0.00E+00
West Virginia	Marion County	54049	R	Benzene	7.35E-01	7.96E-01	8.46E-01	9.49E-01	1.02E+00	1.14E+00	1.41E+00	1.46E+00	1.50E-05	2.08E-01	2.91E-01	4.05E-02	4.80E-01
West Virginia	Marion County	54049	R	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
West Virginia	Marion County	54049	R	Beryllium Compounds	4.91E-06	6.00E-06	8.27E-06	1.29E-05	1.21E-05	1.47E-05	1.57E-05	2.10E-05	9.05E-06	2.68E-06	0.00E+00	3.70E-07	0.00E+00
West Virginia	Marion County	54049	R	1,3-Butadiene	6.38E-03	7.58E-03	1.16E-02	1.74E-02	2.28E-02	3.05E-02	5.07E-02	5.61E-02	0.00E+00	2.21E-03	1.73E-02	3.29E-03	0.00E+00
West Virginia	Marion County	54049	R	Cadmium Compounds	2.13E-06	2.53E-06	3.29E-06	4.84E-06	5.48E-06	7.04E-06	7.85E-06	1.51E-05	1.03E-06	4.02E-06	0.00E+00	4.30E-07	0.00E+00
West Virginia	Marion County	54049	R	Carbon Disulfide	4.73E-02	4.74E-02	4.75E-02	4.77E-02	4.98E-02	5.07E-02	6.07E-02	6.07E-02	3.70E-04	2.43E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Marion County	54049	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.84E-01	8.84E-01	0.00E+00	7.26E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Marion County	54049	R	Chloroform	8.64E-02	8.77E-02	8.87E-02	9.21E-02	9.57E-02	9.77E-02	1.16E-01	1.27E-01	5.52E-08	1.27E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Marion County	54049	R	Chromium Compounds (includes Hexavalent)	2.17E-04	2.70E-04	3.65E-04	8.44E-04	1.57E-03	1.53E-03	2.62E-03	1.13E-02	1.75E-04	1.38E-03	1.59E-05	7.46E-07	0.00E+00
West Virginia	Marion County	54049	R	Chromium VI	6.23E-05	6.25E-05	1.16E-04	2.82E-04	5.17E-04	4.89E-04	8.56E-04	3.82E-03	1.97E-05	4.91E-04	6.35E-06	2.54E-07	0.00E+00
West Virginia	Marion County	54049	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	1,4-Dichlorobenzene	5.74E-03	8.29E-03	1.06E-02	1.87E-02	2.20E-02	3.36E-02	3.68E-02	6.23E-02	7.57E-05	2.19E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	1,3-Dichloropropene	9.17E-03	1.52E-02	1.95E-02	3.48E-02	4.11E-02	6.23E-02	7.00E-02	1.18E-01	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.97E-07	0.00E+00	0.00E+00	7.70E-03

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Marion County	54049	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.25E-06	4.26E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Marion County	54049	R	Ethylene Oxide	1.03E-03	1.59E-03	2.03E-03	3.79E-03	4.62E-03	7.03E-03	1.03E-02	1.29E-02	3.00E-07	4.62E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	Formaldehyde	3.72E-01	3.97E-01	4.15E-01	4.44E-01	4.69E-01	4.84E-01	6.13E-01	6.49E-01	9.99E-06	5.67E-02	1.30E-01	3.25E-02	2.50E-01
West Virginia	Marion County	54049	R	Hexachlorobenzene	9.32E-05	9.34E-05	9.35E-05	9.42E-05	9.44E-05	9.53E-05	9.55E-05	9.67E-05	0.00E+00	1.39E-06	0.00E+00	0.00E+00	9.30E-05
West Virginia	Marion County	54049	R	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	3.64E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Marion County	54049	R	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
West Virginia	Marion County	54049	R	Hydrazine	8.49E-10	1.09E-09	1.98E-09	2.42E-09	3.76E-07	4.05E-09	3.03E-06	3.70E-06	3.73E-07	2.89E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	Lead Compounds	1.36E-04	1.71E-04	1.46E-03	1.96E-03	1.77E-03	2.32E-03	2.39E-03	2.76E-03	5.40E-05	1.51E-03	0.00E+00	2.07E-04	0.00E+00
West Virginia	Marion County	54049	R	Manganese Compounds	1.32E-04	1.82E-04	2.58E-04	7.83E-04	1.46E-03	1.43E-03	2.32E-03	1.12E-02	1.40E-04	1.32E-03	5.00E-06	1.03E-06	0.00E+00
West Virginia	Marion County	54049	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.57E-03	1.58E-03	7.97E-06	9.07E-06	2.36E-05	4.38E-06	1.50E-03
West Virginia	Marion County	54049	R	Methylene Chloride	1.66E-01	1.73E-01	1.83E-01	2.16E-01	2.49E-01	2.79E-01	3.57E-01	5.87E-01	1.23E-05	9.92E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Marion County	54049	R	Nickel Compounds	2.48E-04	3.03E-04	7.09E-04	1.25E-03	1.87E-03	1.98E-03	3.04E-03	1.16E-02	1.95E-04	1.65E-03	1.20E-05	1.51E-05	0.00E+00
West Virginia	Marion County	54049	R	Perchloroethylene	1.47E-01	1.48E-01	1.61E-01	1.93E-01	1.98E-01	2.27E-01	2.38E-01	2.89E-01	1.22E-06	5.76E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Marion County	54049	R	Polychlorinated Biphenyls	4.04E-04	4.22E-04	4.38E-04	5.21E-04	5.41E-04	6.45E-04	6.74E-04	8.10E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Marion County	54049	R	Polycyclic Organic Matter	2.16E-02	2.50E-02	2.80E-02	4.21E-02	4.05E-02	4.76E-02	6.14E-02	7.88E-02	2.69E-03	3.08E-02	6.30E-03	6.93E-04	0.00E+00
West Virginia	Marion County	54049	R	7-PAH	5.69E-04	5.89E-04	6.47E-04	1.00E-03	1.14E-03	1.58E-03	1.73E-03	2.49E-03	1.01E-05	1.08E-03	4.22E-05	8.66E-06	0.00E+00
West Virginia	Marion County	54049	R	Propylene Dichloride	9.81E-06	1.39E-05	1.60E-05	1.93E-05	2.50E-05	2.88E-05	5.57E-05	5.79E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	Quinoline	1.38E-08	1.54E-08	1.70E-08	1.93E-08	3.21E-08	2.82E-08	8.35E-08	9.69E-08	0.00E+00	3.21E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	1,1,2,2-Tetrachloroethane	8.20E-05	1.13E-04	1.37E-04	1.67E-04	1.77E-04	1.81E-04	2.43E-04	4.67E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marion County	54049	R	Trichloroethylene	8.24E-02	8.28E-02	8.36E-02	8.58E-02	8.93E-02	9.21E-02	9.91E-02	1.20E-01	0.00E+00	8.29E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Marion County	54049	R	Vinyl Chloride	2.02E-04	2.79E-04	3.32E-04	4.07E-04	4.36E-04	4.46E-04	5.98E-04	1.15E-03	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	Acetaldehyde	6.08E-02	6.08E-02	1.22E-01	1.38E-01	1.76E-01	2.13E-01	4.19E-01	4.19E-01	2.66E-05	8.17E-03	1.14E-01	5.36E-02	0.00E+00
West Virginia	Marshall County	54051	R	Acrolein	1.56E-02	1.56E-02	2.10E-02	2.36E-02	2.36E-02	2.58E-02	3.53E-02	3.53E-02	6.50E-06	8.10E-03	1.29E-02	2.58E-03	0.00E+00
West Virginia	Marshall County	54051	R	Acrylonitrile	1.01E-04	1.01E-04	1.35E-04	1.81E-04	1.62E-04	1.87E-04	2.02E-04	2.02E-04	3.97E-05	1.22E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	Arsenic Compounds	4.88E-05	4.88E-05	7.22E-05	7.90E-05	1.11E-04	9.40E-05	3.88E-04	3.88E-04	8.32E-05	5.26E-06	1.66E-05	6.26E-06	0.00E+00
West Virginia	Marshall County	54051	R	Benzene	6.05E-01	6.05E-01	7.02E-01	8.08E-01	9.03E-01	1.16E+00	1.33E+00	1.33E+00	2.13E-03	1.78E-01	2.05E-01	3.71E-02	4.80E-01
West Virginia	Marshall County	54051	R	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
West Virginia	Marshall County	54051	R	Beryllium Compounds	4.58E-06	4.58E-06	6.08E-06	7.09E-06	1.49E-05	9.40E-06	7.57E-05	7.57E-05	1.31E-05	1.48E-06	0.00E+00	3.57E-07	0.00E+00
West Virginia	Marshall County	54051	R	1,3-Butadiene	4.32E-03	4.32E-03	8.62E-03	1.72E-02	1.96E-02	2.43E-02	5.08E-02	5.08E-02	0.00E+00	1.53E-03	1.57E-02	2.33E-03	0.00E+00
West Virginia	Marshall County	54051	R	Cadmium Compounds	3.15E-06	3.15E-06	8.79E-06	9.64E-06	9.45E-06	1.11E-05	1.34E-05	1.34E-05	1.31E-06	6.90E-06	0.00E+00	1.24E-06	0.00E+00
West Virginia	Marshall County	54051	R	Carbon Disulfide	5.83E-02	5.83E-02	6.07E-02	6.42E-02	6.48E-02	6.50E-02	8.09E-02	8.09E-02	1.68E-02	1.05E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Marshall County	54051	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	7.27E-08	1.88E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Marshall County	54051	R	Chloroform	8.41E-02	8.41E-02	8.56E-02	8.68E-02	8.63E-02	8.70E-02	8.80E-02	8.80E-02	2.12E-06	3.27E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Marshall County	54051	R	Chromium Compounds (includes Hexavalent)	2.09E-04	2.09E-04	4.23E-04	5.83E-04	1.12E-03	1.14E-03	4.54E-03	4.54E-03	1.04E-03	5.89E-05	1.16E-05	3.28E-06	0.00E+00
West Virginia	Marshall County	54051	R	Chromium VI	3.11E-05	3.11E-05	6.18E-05	7.27E-05	1.32E-04	1.35E-04	5.08E-04	5.08E-04	1.20E-04	5.97E-06	4.67E-06	1.11E-06	0.00E+00
West Virginia	Marshall County	54051	R	Coke Oven Emissions	2.02E-03	2.02E-03	3.20E-03	3.42E-03	3.48E-03	4.00E-03	4.76E-03	4.76E-03	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	1,4-Dichlorobenzene	5.41E-03	5.41E-03	1.01E-02	1.60E-02	1.49E-02	1.94E-02	2.01E-02	2.01E-02	2.61E-03	1.23E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	1,3-Dichloropropene	5.74E-03	5.74E-03	1.58E-02	2.60E-02	2.34E-02	3.25E-02	3.35E-02	3.35E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.22E-08	1.82E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Marshall County	54051	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.96E-06	1.24E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Marshall County	54051	R	Ethylene Oxide	4.57E-04	4.57E-04	1.34E-03	2.48E-03	2.47E-03	2.90E-03	5.55E-03	5.55E-03	8.99E-06	2.46E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	Formaldehyde	3.53E-01	3.53E-01	4.00E-01	4.33E-01	4.64E-01	5.08E-01	6.85E-01	6.85E-01	1.32E-02	3.26E-02	1.02E-01	6.65E-02	2.50E-01
West Virginia	Marshall County	54051	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.33E-05	9.35E-05	9.36E-05	9.39E-05	9.40E-05	9.40E-05	0.00E+00	5.91E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Marshall County	54051	R	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	7.05E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Marshall County	54051	R	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
West Virginia	Marshall County	54051	R	Hydrazine	5.94E-06	5.94E-06	9.74E-06	1.25E-05	1.47E-05	1.51E-05	3.76E-05	3.76E-05	1.47E-05	5.41E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	Lead Compounds	1.91E-04	1.91E-04	2.98E-04	3.49E-04	3.75E-04	4.05E-04	6.80E-04	6.80E-04	1.91E-04	1.06E-04	0.00E+00	7.75E-05	0.00E+00
West Virginia	Marshall County	54051	R	Manganese Compounds	1.96E-04	1.96E-04	8.02E-04	9.07E-04	1.34E-03	1.24E-03	4.80E-03	4.80E-03	9.95E-04	3.34E-04	3.73E-06	8.32E-06	0.00E+00
West Virginia	Marshall County	54051	R	Mercury Compounds	1.57E-03	1.57E-03	1.60E-03	1.60E-03	1.60E-03	1.62E-03	1.64E-03	1.64E-03	6.95E-05	1.01E-05	1.80E-05	6.95E-06	1.50E-03
West Virginia	Marshall County	54051	R	Methylene Chloride	1.60E-01	1.60E-01	1.74E-01	1.91E-01	2.02E-01	2.26E-01	2.56E-01	2.56E-01	2.90E-04	5.14E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Marshall County	54051	R	Nickel Compounds	3.66E-04	3.66E-04	7.86E-04	9.59E-04	1.73E-03	1.63E-03	5.00E-03	5.00E-03	1.47E-03	9.52E-05	8.60E-06	1.52E-04	0.00E+00
West Virginia	Marshall County	54051	R	Perchloroethylene	1.44E-01	1.44E-01	1.51E-01	1.52E-01	1.51E-01	1.53E-01	1.56E-01	1.56E-01	7.20E-05	1.12E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Marshall County	54051	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	4.11E-04	4.42E-04	4.47E-04	4.84E-04	5.01E-04	5.01E-04	0.00E+00	6.73E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Marshall County	54051	R	Polycyclic Organic Matter	6.75E-02	6.75E-02	8.57E-02	8.94E-02	9.59E-02	1.15E-01	1.28E-01	1.28E-01	6.45E-02	2.60E-02	4.56E-03	8.84E-04	0.00E+00
West Virginia	Marshall County	54051	R	7-PAH	6.07E-04	6.07E-04	7.94E-04	8.59E-04	8.84E-04	1.09E-03	1.16E-03	1.16E-03	2.32E-04	5.94E-04	3.08E-05	2.76E-05	0.00E+00
West Virginia	Marshall County	54051	R	Propylene Dichloride	6.63E-06	6.63E-06	8.36E-06	9.52E-06	9.42E-06	1.03E-05	1.23E-05	1.23E-05	2.40E-06	7.01E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	Quinoline	1.30E-07	1.30E-07	5.13E-05	5.49E-05	4.78E-05	6.43E-05	7.58E-05	7.58E-05	3.79E-05	9.88E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	1,1,2,2-Tetrachloroethane	4.73E-05	4.73E-05	4.89E-05	5.44E-05	6.12E-05	6.61E-05	9.76E-05	9.76E-05	2.20E-05	3.92E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Marshall County	54051	R	Trichloroethylene	8.17E-02	8.17E-02	8.27E-02	8.33E-02	8.46E-02	8.73E-02	8.95E-02	8.95E-02	4.24E-05	3.60E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Marshall County	54051	R	Vinyl Chloride	1.13E-04	1.13E-04	1.16E-04	1.29E-04	1.45E-04	1.56E-04	2.34E-04	2.34E-04	5.42E-05	9.11E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	Acetaldehyde	5.39E-01	5.39E-01	5.57E-01	6.94E-01	9.13E-01	1.27E+00	1.72E+00	1.72E+00	7.39E-01	4.71E-03	7.07E-02	9.85E-02	0.00E+00
West Virginia	Mason County	54053	R	Acrolein	1.88E-02	1.88E-02	2.05E-02	2.25E-02	2.26E-02	2.47E-02	2.65E-02	2.65E-02	1.25E-04	9.03E-03	9.83E-03	3.59E-03	0.00E+00
West Virginia	Mason County	54053	R	Acrylonitrile	6.51E-05	6.51E-05	3.21E-04	1.87E-03	2.00E-03	3.68E-03	4.21E-03	4.21E-03	1.90E-03	9.88E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	Arsenic Compounds	1.52E-04	1.52E-04	1.62E-04	2.45E-04	2.63E-04	3.65E-04	4.12E-04	4.12E-04	2.44E-04	3.09E-06	8.04E-06	8.59E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Mason County	54053	R	Benzene	6.74E-01	6.74E-01	6.75E-01	7.03E-01	7.10E-01	7.45E-01	7.60E-01	7.60E-01	3.99E-04	9.03E-02	9.09E-02	4.82E-02	4.80E-01
West Virginia	Mason County	54053	R	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
West Virginia	Mason County	54053	R	Beryllium Compounds	9.32E-06	9.32E-06	9.69E-06	1.56E-05	2.07E-05	3.16E-05	4.21E-05	4.21E-05	1.92E-05	8.27E-07	0.00E+00	6.02E-07	0.00E+00
West Virginia	Mason County	54053	R	1,3-Butadiene	4.50E-03	4.50E-03	5.06E-03	6.80E-03	6.59E-03	8.13E-03	8.28E-03	8.28E-03	3.95E-06	1.41E-03	2.82E-03	2.36E-03	0.00E+00
West Virginia	Mason County	54053	R	Cadmium Compounds	4.41E-06	4.41E-06	4.97E-06	6.09E-06	6.15E-06	7.34E-06	8.03E-06	8.03E-06	9.54E-07	3.71E-06	0.00E+00	1.49E-06	0.00E+00
West Virginia	Mason County	54053	R	Carbon Disulfide	4.72E-02	4.72E-02	4.74E-02	4.75E-02	4.76E-02	4.78E-02	4.79E-02	4.79E-02	2.64E-06	5.62E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Mason County	54053	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.37E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Mason County	54053	R	Chloroform	8.44E-02	8.44E-02	8.45E-02	8.50E-02	8.50E-02	8.56E-02	8.56E-02	8.56E-02	3.98E-08	2.03E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Mason County	54053	R	Chromium Compounds (includes Hexavalent)	3.46E-04	3.46E-04	3.54E-04	5.18E-04	7.25E-04	1.10E-03	1.52E-03	1.52E-03	4.54E-04	2.63E-04	5.45E-06	3.55E-06	0.00E+00
West Virginia	Mason County	54053	R	Chromium VI	4.12E-05	4.12E-05	4.49E-05	5.88E-05	6.65E-05	8.80E-05	1.07E-04	1.07E-04	4.92E-05	1.39E-05	2.20E-06	1.21E-06	0.00E+00
West Virginia	Mason County	54053	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	1,4-Dichlorobenzene	4.15E-03	4.15E-03	4.48E-03	5.01E-03	6.85E-03	9.23E-03	1.33E-02	1.33E-02	0.00E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	1,3-Dichloropropene	7.57E-03	7.57E-03	8.07E-03	9.15E-03	1.27E-02	1.74E-02	2.51E-02	2.51E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.73E-03	7.76E-03	7.76E-03	1.38E-05	4.06E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Mason County	54053	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	8.11E-07	6.81E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Mason County	54053	R	Ethylene Oxide	6.85E-04	6.85E-04	7.45E-04	1.24E-03	1.72E-03	2.69E-03	3.71E-03	3.71E-03	2.08E-04	1.51E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	Formaldehyde	4.28E-01	4.28E-01	4.42E-01	4.76E-01	4.88E-01	5.34E-01	5.70E-01	5.70E-01	1.38E-02	5.19E-02	5.64E-02	1.16E-01	2.50E-01
West Virginia	Mason County	54053	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.36E-05	9.39E-05	9.43E-05	9.43E-05	0.00E+00	5.55E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Mason County	54053	R	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	5.73E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Mason County	54053	R	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
West Virginia	Mason County	54053	R	Hydrazine	6.67E-12	6.67E-12	1.32E-11	4.70E-11	1.18E-10	2.23E-10	3.72E-10	3.72E-10	0.00E+00	1.18E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	Lead Compounds	2.50E-04	2.50E-04	2.97E-04	4.48E-04	4.91E-04	6.85E-04	8.19E-04	8.19E-04	3.05E-04	4.26E-05	0.00E+00	1.44E-04	0.00E+00
West Virginia	Mason County	54053	R	Manganese Compounds	5.85E-04	5.85E-04	5.93E-04	1.05E-03	1.27E-03	1.95E-03	2.42E-03	2.42E-03	8.70E-04	3.93E-04	1.68E-06	8.84E-06	0.00E+00
West Virginia	Mason County	54053	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	4.67E-08	2.54E-06	9.10E-06	9.55E-06	1.50E-03
West Virginia	Mason County	54053	R	Methylene Chloride	1.63E-01	1.63E-01	1.65E-01	1.69E-01	1.83E-01	2.00E-01	2.29E-01	2.29E-01	1.28E-04	3.24E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Mason County	54053	R	Nickel Compounds	4.64E-04	4.64E-04	6.20E-04	1.01E-03	9.95E-04	1.37E-03	1.50E-03	1.50E-03	5.50E-04	2.45E-04	4.01E-06	1.97E-04	0.00E+00
West Virginia	Mason County	54053	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.45E-01	1.46E-01	1.48E-01	1.49E-01	1.49E-01	9.03E-07	5.53E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Mason County	54053	R	Polychlorinated Biphenyls	4.03E-04	4.03E-04	4.06E-04	4.20E-04	4.45E-04	4.84E-04	5.38E-04	5.38E-04	0.00E+00	6.52E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Mason County	54053	R	Polycyclic Organic Matter	2.01E-02	2.01E-02	2.13E-02	2.36E-02	2.33E-02	2.54E-02	2.60E-02	2.60E-02	2.33E-03	1.78E-02	2.13E-03	1.11E-03	0.00E+00
West Virginia	Mason County	54053	R	7-PAH	5.50E-04	5.50E-04	5.50E-04	6.07E-04	7.18E-04	8.86E-04	1.11E-03	1.11E-03	4.19E-05	6.27E-04	1.47E-05	3.39E-05	0.00E+00
West Virginia	Mason County	54053	R	Propylene Dichloride	1.94E-04	1.94E-04	2.56E-04	3.21E-04	4.72E-04	6.88E-04	1.05E-03	1.05E-03	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	Quinoline	3.77E-10	3.77E-10	6.74E-10	2.60E-09	2.04E-05	4.08E-05	8.17E-05	8.17E-05	2.04E-05	3.34E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	1,1,2,2-Tetrachloroethane	1.82E-05	1.82E-05	2.27E-05	2.84E-05	3.55E-05	4.84E-05	6.72E-05	6.72E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mason County	54053	R	Trichloroethylene	8.17E-02	8.17E-02	8.19E-02	8.22E-02	8.33E-02	8.46E-02	8.70E-02	8.70E-02	0.00E+00	2.27E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Mason County	54053	R	Vinyl Chloride	4.52E-05	4.52E-05	5.84E-05	7.23E-05	8.99E-05	1.21E-04	1.70E-04	1.70E-04	0.00E+00	8.99E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	Acetaldehyde	6.89E-02	7.94E-02	9.33E-02	1.08E-01	1.38E-01	1.51E-01	2.50E-01	3.95E-01	1.83E-06	1.59E-02	1.14E-01	7.40E-03	0.00E+00
West Virginia	Mercer County	54055	R	Acrolein	1.83E-02	1.88E-02	2.19E-02	2.41E-02	2.84E-02	3.45E-02	4.66E-02	4.68E-02	3.96E-07	1.09E-02	1.61E-02	1.52E-03	0.00E+00
West Virginia	Mercer County	54055	R	Acrylonitrile	8.37E-05	9.97E-05	1.75E-04	2.33E-04	4.45E-04	5.71E-04	8.02E-04	2.34E-03	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	Arsenic Compounds	4.74E-05	5.53E-05	6.09E-05	6.68E-05	7.41E-05	8.77E-05	1.05E-04	1.16E-04	5.87E-07	5.17E-05	1.98E-05	2.00E-06	0.00E+00
West Virginia	Mercer County	54055	R	Benzene	6.15E-01	6.73E-01	7.18E-01	7.60E-01	8.52E-01	9.44E-01	1.29E+00	1.38E+00	2.19E-06	1.32E-01	2.21E-01	1.87E-02	4.80E-01
West Virginia	Mercer County	54055	R	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
West Virginia	Mercer County	54055	R	Beryllium Compounds	8.80E-06	9.81E-06	1.10E-05	1.17E-05	1.25E-05	1.34E-05	1.49E-05	2.27E-05	3.04E-08	1.14E-05	0.00E+00	1.09E-06	0.00E+00
West Virginia	Mercer County	54055	R	1,3-Butadiene	4.97E-03	5.30E-03	7.82E-03	8.96E-03	1.81E-02	2.48E-02	4.49E-02	6.71E-02	0.00E+00	1.76E-03	1.45E-02	1.80E-03	0.00E+00
West Virginia	Mercer County	54055	R	Cadmium Compounds	2.66E-06	2.86E-06	3.52E-06	4.33E-06	6.15E-06	9.27E-06	1.24E-05	1.33E-05	7.75E-08	4.99E-06	0.00E+00	1.08E-06	0.00E+00
West Virginia	Mercer County	54055	R	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.75E-02	4.77E-02	4.80E-02	4.84E-02	4.88E-02	2.18E-07	6.82E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Mercer County	54055	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	0.00E+00	2.23E-04	0.00E+00	0.00E+00	8.80E-01	
West Virginia	Mercer County	54055	R	Chloroform	8.54E-02	8.55E-02	8.74E-02	9.11E-02	9.22E-02	9.53E-02	1.00E-01	1.06E-01	0.00E+00	9.16E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Mercer County	54055	R	Chromium Compounds (includes Hexavalent)	4.33E-05	4.39E-05	5.12E-05	5.80E-05	6.12E-05	7.18E-05	8.22E-05	8.73E-05	4.47E-06	4.28E-05	1.34E-05	4.76E-07	0.00E+00
West Virginia	Mercer County	54055	R	Chromium VI	5.28E-06	6.93E-06	7.55E-06	1.10E-05	1.37E-05	1.90E-05	2.12E-05	3.16E-05	6.70E-07	7.55E-06	5.33E-06	1.62E-07	0.00E+00
West Virginia	Mercer County	54055	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	1,4-Dichlorobenzene	3.35E-03	4.13E-03	5.94E-03	1.03E-02	1.21E-02	1.65E-02	2.12E-02	2.99E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	1,3-Dichloropropene	6.06E-03	7.59E-03	1.08E-02	1.94E-02	2.28E-02	3.13E-02	4.01E-02	5.67E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.31E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Mercer County	54055	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.13E-02	6.71E-08	4.97E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Mercer County	54055	R	Ethylene Oxide	6.56E-04	7.32E-04	1.10E-03	2.15E-03	2.81E-03	3.68E-03	6.97E-03	8.09E-03	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	Formaldehyde	3.46E-01	3.54E-01	3.60E-01	3.85E-01	4.21E-01	4.59E-01	5.46E-01	6.75E-01	1.43E-06	4.37E-02	1.12E-01	1.56E-02	2.50E-01
West Virginia	Mercer County	54055	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.37E-05	9.39E-05	9.42E-05	9.50E-05	9.59E-05	0.00E+00	8.92E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Mercer County	54055	R	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	9.31E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Mercer County	54055	R	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
West Virginia	Mercer County	54055	R	Hydrazine	5.42E-13	1.07E-11	2.14E-11	2.85E-11	2.41E-10	3.51E-10	9.06E-10	1.25E-09	0.00E+00	2.41E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	Lead Compounds	1.12E-04	1.21E-04	1.58E-04	2.41E-04	8.00E-04	5.68E-04	1.04E-03	7.78E-03	1.05E-05	8.41E-05	0.00E+00	7.06E-04	0.00E+00
West Virginia	Mercer County	54055	R	Manganese Compounds	1.27E-04	1.51E-04	2.16E-04	2.86E-04	7.58E-04	9.97E-04	2.01E-03	3.62E-03	9.88E-06	7.44E-04	4.27E-06	2.87E-07	0.00E+00
West Virginia	Mercer County	54055	R	Mercury Compounds	1.51E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.60E-03	1.08E-06	1.21E-05	2.20E-05	2.84E-06	1.50E-03
West Virginia	Mercer County	54055	R	Methylene Chloride	1.69E-01	1.77E-01	1.86E-01	2.07E-01	2.15E-01	2.40E-01	2.66E-01	3.09E-01	1.31E-02	5.21E-02	0.00E+00	0.00E+00	1.50E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Mercer County	54055	R	Nickel Compounds	6.39E-05	6.47E-05	8.22E-05	1.11E-04	1.18E-04	1.58E-04	1.83E-04	1.90E-04	5.24E-06	1.02E-04	1.01E-05	6.69E-07	0.00E+00
West Virginia	Mercer County	54055	R	Perchloroethylene	1.43E-01	1.45E-01	1.47E-01	1.50E-01	1.52E-01	1.56E-01	1.62E-01	1.64E-01	6.75E-08	1.15E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Mercer County	54055	R	Polychlorinated Biphenyls	4.04E-04	4.06E-04	4.18E-04	4.60E-04	4.87E-04	5.26E-04	6.19E-04	7.36E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Mercer County	54055	R	Polycyclic Organic Matter	1.13E-02	1.89E-02	2.37E-02	3.06E-02	3.26E-02	3.99E-02	5.09E-02	6.46E-02	3.45E-08	2.68E-02	5.18E-03	6.20E-04	0.00E+00
West Virginia	Mercer County	54055	R	7-PAH	4.57E-04	4.81E-04	5.56E-04	7.32E-04	8.72E-04	1.03E-03	1.42E-03	2.12E-03	6.09E-10	8.29E-04	3.65E-05	5.58E-06	0.00E+00
West Virginia	Mercer County	54055	R	Propylene Dichloride	4.42E-06	5.58E-06	7.41E-06	1.35E-05	2.54E-05	3.23E-05	4.56E-05	1.41E-04	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	Quinoline	2.18E-11	5.46E-10	1.07E-09	1.26E-09	1.27E-08	2.03E-08	4.81E-08	5.98E-08	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	1,1,2,2-Tetrachloroethane	2.96E-05	3.47E-05	4.68E-05	1.18E-04	2.18E-04	2.71E-04	3.85E-04	1.29E-03	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mercer County	54055	R	Trichloroethylene	8.18E-02	8.19E-02	8.30E-02	8.52E-02	8.71E-02	9.11E-02	9.30E-02	9.79E-02	0.00E+00	6.05E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Mercer County	54055	R	Vinyl Chloride	7.45E-05	8.56E-05	1.16E-04	2.91E-04	5.38E-04	6.69E-04	9.50E-04	3.17E-03	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Acetaldehyde	5.04E-02	5.04E-02	7.74E-02	1.01E-01	1.41E-01	2.03E-01	2.72E-01	2.72E-01	4.02E-02	1.28E-02	7.97E-02	8.56E-03	0.00E+00
West Virginia	Mineral County	54057	R	Acrolein	1.68E-02	1.68E-02	2.23E-02	2.67E-02	2.89E-02	3.75E-02	4.13E-02	4.13E-02	5.00E-04	1.34E-02	1.32E-02	1.85E-03	0.00E+00
West Virginia	Mineral County	54057	R	Acrylonitrile	3.54E-05	3.54E-05	5.76E-05	1.31E-04	1.15E-04	1.40E-04	2.20E-04	2.20E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Arsenic Compounds	1.41E-05	1.41E-05	1.84E-05	7.62E-05	5.86E-05	8.96E-05	9.04E-05	9.04E-05	3.69E-05	3.84E-06	1.54E-05	2.53E-06	0.00E+00
West Virginia	Mineral County	54057	R	Benzene	6.21E-01	6.21E-01	6.69E-01	7.59E-01	8.03E-01	9.75E-01	1.06E+00	1.06E+00	1.26E-04	1.28E-01	1.69E-01	2.57E-02	4.80E-01
West Virginia	Mineral County	54057	R	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
West Virginia	Mineral County	54057	R	Beryllium Compounds	1.77E-06	1.77E-06	2.18E-06	6.02E-06	5.24E-06	7.43E-06	7.99E-06	7.99E-06	2.83E-06	1.47E-06	0.00E+00	9.43E-07	0.00E+00
West Virginia	Mineral County	54057	R	1,3-Butadiene	6.89E-03	6.89E-03	6.96E-03	1.37E-02	1.67E-02	2.99E-02	3.30E-02	3.30E-02	0.00E+00	3.23E-03	1.17E-02	1.86E-03	0.00E+00
West Virginia	Mineral County	54057	R	Cadmium Compounds	1.93E-06	1.93E-06	2.14E-06	3.03E-06	3.68E-06	5.19E-06	7.36E-06	7.36E-06	1.22E-07	2.62E-06	0.00E+00	9.41E-07	0.00E+00
West Virginia	Mineral County	54057	R	Carbon Disulfide	4.71E-02	4.71E-02	4.75E-02	4.83E-02	4.93E-02	5.09E-02	5.44E-02	5.44E-02	1.75E-03	5.08E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Mineral County	54057	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	2.86E-04	1.77E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Mineral County	54057	R	Chloroform	8.43E-02	8.43E-02	8.76E-02	8.95E-02	9.23E-02	1.00E-01	1.02E-01	1.02E-01	4.10E-03	5.17E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Mineral County	54057	R	Chromium Compounds (includes Hexavalent)	1.28E-05	1.28E-05	3.21E-05	2.89E-04	2.01E-04	3.33E-04	3.96E-04	3.96E-04	1.81E-04	9.31E-06	1.04E-05	4.38E-07	0.00E+00
West Virginia	Mineral County	54057	R	Chromium VI	3.96E-06	3.96E-06	5.71E-06	4.82E-05	3.31E-05	5.14E-05	6.13E-05	6.13E-05	2.71E-05	1.61E-06	4.23E-06	1.49E-07	0.00E+00
West Virginia	Mineral County	54057	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	1,4-Dichlorobenzene	2.78E-03	2.78E-03	4.37E-03	7.34E-03	9.52E-03	1.71E-02	1.94E-02	1.94E-02	0.00E+00	9.52E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	1,3-Dichloropropene	5.04E-03	5.04E-03	7.98E-03	1.38E-02	1.79E-02	3.23E-02	3.67E-02	3.67E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.19E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Mineral County	54057	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.12E-02	6.17E-02	6.17E-02	6.20E-02	6.26E-02	6.26E-02	5.41E-04	1.63E-04	0.00E+00	0.00E+00	6.10E-02
West Virginia	Mineral County	54057	R	Ethylene Oxide	5.38E-04	5.38E-04	8.52E-04	1.37E-03	1.89E-03	3.51E-03	3.86E-03	3.86E-03	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Formaldehyde	3.34E-01	3.34E-01	3.58E-01	3.92E-01	4.11E-01	4.86E-01	5.08E-01	5.08E-01	4.43E-03	5.68E-02	8.19E-02	1.80E-02	2.50E-01
West Virginia	Mineral County	54057	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.36E-05	9.41E-05	9.41E-05	9.41E-05	0.00E+00	5.63E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Mineral County	54057	R	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	7.85E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Mineral County	54057	R	Hexamethylene Diisocyanate	3.65E-06	3.65E-06	4.32E-06	8.39E-06	1.07E-05	1.52E-05	2.43E-05	2.43E-05	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Hydrazine	4.49E-11	4.49E-11	5.34E-11	9.06E-11	8.41E-11	1.04E-10	1.39E-10	1.39E-10	0.00E+00	8.41E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Lead Compounds	1.59E-04	1.59E-04	1.73E-04	2.00E-04	6.17E-04	3.74E-04	2.97E-03	2.97E-03	3.60E-05	3.33E-05	0.00E+00	5.48E-04	0.00E+00
West Virginia	Mineral County	54057	R	Manganese Compounds	1.02E-05	1.02E-05	1.24E-05	2.79E-04	1.86E-04	3.09E-04	3.83E-04	3.83E-04	1.61E-04	2.15E-05	3.34E-06	3.09E-07	0.00E+00
West Virginia	Mineral County	54057	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.90E-07	4.37E-06	1.73E-05	3.12E-06	1.50E-03
West Virginia	Mineral County	54057	R	Methylene Chloride	1.63E-01	1.63E-01	1.66E-01	1.94E-01	1.96E-01	2.29E-01	2.30E-01	2.30E-01	3.33E-05	4.64E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Mineral County	54057	R	Nickel Compounds	2.01E-05	2.01E-05	2.01E-05	1.87E-04	1.39E-04	2.05E-04	2.43E-04	2.43E-04	1.06E-04	2.44E-05	7.67E-06	5.96E-07	0.00E+00
West Virginia	Mineral County	54057	R	Perchloroethylene	1.47E-01	1.47E-01	1.47E-01	1.49E-01	1.61E-01	1.76E-01	1.97E-01	1.97E-01	1.11E-03	1.99E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Mineral County	54057	R	Polychlorinated Biphenyls	4.01E-04	4.01E-04	4.03E-04	4.30E-04	4.45E-04	5.12E-04	5.14E-04	5.14E-04	0.00E+00	6.50E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Mineral County	54057	R	Polycyclic Organic Matter	1.19E-02	1.19E-02	2.15E-02	2.82E-02	3.28E-02	4.43E-02	5.38E-02	5.38E-02	1.72E-03	2.65E-02	3.73E-03	8.47E-04	0.00E+00
West Virginia	Mineral County	54057	R	7-PAH	4.48E-04	4.48E-04	5.56E-04	7.39E-04	8.22E-04	1.20E-03	1.30E-03	1.30E-03	1.67E-09	7.89E-04	2.58E-05	7.31E-06	0.00E+00
West Virginia	Mineral County	54057	R	Propylene Dichloride	1.82E-06	1.82E-06	2.91E-06	5.11E-06	5.64E-06	8.08E-06	1.03E-05	1.03E-05	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Quinoline	1.05E-09	1.05E-09	1.52E-09	2.00E-09	2.24E-09	3.40E-09	3.69E-09	3.69E-09	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	1,1,2,2-Tetrachloroethane	1.33E-05	1.33E-05	1.83E-05	2.15E-05	3.97E-05	6.81E-05	7.00E-05	7.00E-05	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mineral County	54057	R	Trichloroethylene	8.21E-02	8.21E-02	8.28E-02	8.30E-02	8.50E-02	8.90E-02	8.97E-02	8.97E-02	7.85E-04	3.25E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Mineral County	54057	R	Vinyl Chloride	3.28E-05	3.28E-05	4.55E-05	5.31E-05	9.81E-05	1.68E-04	1.73E-04	1.73E-04	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	Acetaldehyde	6.08E-02	6.08E-02	6.22E-02	8.70E-02	8.87E-02	9.79E-02	1.35E-01	1.35E-01	6.13E-07	2.55E-02	4.77E-02	1.56E-02	0.00E+00
West Virginia	Mingo County	54059	R	Acrolein	2.05E-02	2.05E-02	2.69E-02	2.90E-02	3.02E-02	3.09E-02	4.62E-02	4.62E-02	1.57E-07	2.16E-02	7.21E-03	1.43E-03	0.00E+00
West Virginia	Mingo County	54059	R	Acrylonitrile	5.11E-05	5.11E-05	5.64E-05	1.60E-04	1.39E-04	1.97E-04	2.51E-04	2.51E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	Arsenic Compounds	1.02E-05	1.02E-05	1.22E-05	1.85E-05	2.27E-05	2.91E-05	4.67E-05	4.67E-05	1.56E-06	1.08E-05	8.14E-06	2.20E-06	0.00E+00
West Virginia	Mingo County	54059	R	Benzene	6.24E-01	6.24E-01	6.28E-01	6.77E-01	7.08E-01	7.06E-01	9.83E-01	9.83E-01	2.49E-05	1.34E-01	8.19E-02	1.12E-02	4.80E-01
West Virginia	Mingo County	54059	R	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
West Virginia	Mingo County	54059	R	Beryllium Compounds	1.06E-06	1.06E-06	2.02E-06	2.41E-06	3.13E-06	4.53E-06	6.49E-06	6.49E-06	2.36E-08	1.27E-06	0.00E+00	1.84E-06	0.00E+00
West Virginia	Mingo County	54059	R	1,3-Butadiene	4.92E-03	4.92E-03	5.35E-03	5.95E-03	8.50E-03	7.93E-03	2.19E-02	2.19E-02	0.00E+00	3.40E-03	4.21E-03	8.86E-04	0.00E+00
West Virginia	Mingo County	54059	R	Cadmium Compounds	1.75E-06	1.75E-06	2.36E-06	4.20E-06	3.97E-06	5.76E-06	5.82E-06	5.82E-06	5.81E-08	1.93E-06	0.00E+00	1.98E-06	0.00E+00
West Virginia	Mingo County	54059	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.73E-02	4.72E-02	4.79E-02	4.79E-02	1.64E-07	2.76E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Mingo County	54059	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.13E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Mingo County	54059	R	Chloroform	8.36E-02	8.36E-02	8.37E-02	8.38E-02	8.40E-02	8.39E-02	8.57E-02	8.57E-02	0.00E+00	1.04E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Mingo County	54059	R	Chromium Compounds (includes Hexavalent)	6.53E-06	6.53E-06	7.82E-06	1.51E-05	1.43E-05	1.69E-05	2.87E-05	2.87E-05	1.50E-06	6.75E-06	5.02E-06	1.03E-06	0.00E+00
West Virginia	Mingo County	54059	R	Chromium VI	2.59E-06	2.59E-06	2.72E-06	2.99E-06	3.42E-06	3.53E-06	6.28E-06	6.28E-06	1.65E-07	9.37E-07	1.97E-06	3.50E-07	0.00E+00
West Virginia	Mingo County	54059	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	9.93E-04	7.67E-04	1.34E-03	1.54E-03	1.54E-03	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Mingo County	54059	R	1,4-Dichlorobenzene	3.56E-03	3.56E-03	3.61E-03	4.22E-03	5.54E-03	5.00E-03	1.37E-02	1.37E-02	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	1,3-Dichloropropene	6.52E-03	6.52E-03	6.62E-03	7.75E-03	1.04E-02	9.31E-03	2.64E-02	2.64E-02	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.54E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Mingo County	54059	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.04E-08	1.45E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Mingo County	54059	R	Ethylene Oxide	6.06E-04	6.06E-04	6.09E-04	7.67E-04	1.06E-03	8.58E-04	3.10E-03	3.10E-03	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	Formaldehyde	3.65E-01	3.65E-01	3.79E-01	4.06E-01	4.12E-01	4.14E-01	5.12E-01	5.12E-01	1.57E-07	9.08E-02	4.50E-02	2.61E-02	2.50E-01
West Virginia	Mingo County	54059	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	9.46E-05	9.46E-05	0.00E+00	5.20E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Mingo County	54059	R	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	4.15E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Mingo County	54059	R	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
West Virginia	Mingo County	54059	R	Hydrazine	2.08E-15	2.08E-15	5.39E-12	1.53E-11	2.36E-11	2.76E-11	8.99E-11	8.99E-11	0.00E+00	2.36E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	Lead Compounds	1.69E-05	1.69E-05	2.47E-05	3.58E-05	4.92E-05	7.90E-05	9.23E-05	9.23E-05	1.89E-06	3.86E-05	0.00E+00	8.71E-06	0.00E+00
West Virginia	Mingo County	54059	R	Manganese Compounds	2.42E-05	2.42E-05	2.61E-05	3.22E-05	3.22E-05	3.45E-05	4.72E-05	4.72E-05	2.08E-06	2.69E-05	1.55E-06	1.65E-06	0.00E+00
West Virginia	Mingo County	54059	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	2.41E-10	4.64E-06	9.52E-06	4.17E-06	1.50E-03
West Virginia	Mingo County	54059	R	Methylene Chloride	1.61E-01	1.61E-01	1.63E-01	1.67E-01	1.76E-01	1.70E-01	2.35E-01	2.35E-01	2.92E-07	2.56E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Mingo County	54059	R	Nickel Compounds	2.65E-05	2.65E-05	3.29E-05	5.53E-05	5.54E-05	5.88E-05	1.23E-04	1.23E-04	1.58E-06	1.41E-05	3.78E-06	3.59E-05	0.00E+00
West Virginia	Mingo County	54059	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.48E-01	1.53E-01	1.60E-01	1.60E-01	4.33E-08	7.90E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Mingo County	54059	R	Polychlorinated Biphenyls	4.09E-04	4.09E-04	4.12E-04	4.26E-04	4.43E-04	4.41E-04	5.70E-04	5.70E-04	0.00E+00	6.35E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Mingo County	54059	R	Polycyclic Organic Matter	8.88E-03	8.88E-03	1.04E-02	1.23E-02	1.42E-02	1.29E-02	3.18E-02	3.18E-02	2.29E-08	1.18E-02	1.97E-03	4.84E-04	0.00E+00
West Virginia	Mingo County	54059	R	7-PAH	6.17E-04	6.17E-04	8.59E-04	9.26E-04	1.06E-03	1.05E-03	2.06E-03	2.06E-03	4.64E-10	1.03E-03	1.43E-05	8.32E-06	0.00E+00
West Virginia	Mingo County	54059	R	Propylene Dichloride	2.66E-06	2.66E-06	3.01E-06	9.19E-06	7.73E-06	1.15E-05	1.47E-05	1.47E-05	0.00E+00	7.73E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	Quinoline	1.00E-13	1.00E-13	2.37E-10	4.85E-10	4.98E-10	6.48E-10	1.23E-09	1.23E-09	0.00E+00	4.98E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	1,1,2,2-Tetrachloroethane	2.06E-05	2.06E-05	2.39E-05	6.23E-05	6.46E-05	1.01E-04	1.30E-04	1.30E-04	0.00E+00	6.46E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Mingo County	54059	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.19E-02	8.25E-02	8.22E-02	8.65E-02	8.65E-02	0.00E+00	1.49E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Mingo County	54059	R	Vinyl Chloride	5.09E-05	5.09E-05	5.90E-05	1.54E-04	1.59E-04	2.50E-04	3.20E-04	3.20E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	Acetaldehyde	1.17E-01	1.51E-01	1.64E-01	2.25E-01	2.39E-01	2.68E-01	3.47E-01	4.69E-01	3.91E-05	1.55E-02	1.95E-01	2.86E-02	0.00E+00
West Virginia	Monongalia County	54061	R	Acrolein	3.17E-02	3.70E-02	3.94E-02	4.77E-02	4.90E-02	5.33E-02	6.73E-02	7.48E-02	6.52E-06	1.37E-02	3.13E-02	3.93E-03	0.00E+00
West Virginia	Monongalia County	54061	R	Acrylonitrile	9.50E-05	9.67E-05	1.51E-04	2.33E-04	2.74E-04	3.04E-04	3.99E-04	4.24E-04	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	Arsenic Compounds	8.39E-05	1.08E-04	1.75E-04	1.94E-04	1.89E-04	2.23E-04	2.41E-04	2.67E-04	1.29E-04	1.61E-05	3.70E-05	6.94E-06	0.00E+00
West Virginia	Monongalia County	54061	R	Benzene	8.04E-01	8.93E-01	9.80E-01	1.10E+00	1.21E+00	1.30E+00	1.47E+00	2.09E+00	1.18E-05	1.84E-01	4.78E-01	6.35E-02	4.80E-01
West Virginia	Monongalia County	54061	R	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
West Virginia	Monongalia County	54061	R	Beryllium Compounds	5.57E-06	8.80E-06	1.21E-05	1.64E-05	1.50E-05	1.77E-05	1.94E-05	2.28E-05	9.94E-06	4.68E-06	0.00E+00	3.37E-07	0.00E+00
West Virginia	Monongalia County	54061	R	1,3-Butadiene	9.80E-03	1.59E-02	2.21E-02	2.63E-02	4.08E-02	4.68E-02	7.05E-02	1.34E-01	0.00E+00	1.65E-03	3.40E-02	5.11E-03	0.00E+00
West Virginia	Monongalia County	54061	R	Cadmium Compounds	3.12E-06	3.76E-06	4.24E-06	8.05E-06	7.89E-06	9.50E-06	1.37E-05	1.69E-05	7.74E-07	6.69E-06	0.00E+00	4.27E-07	0.00E+00
West Virginia	Monongalia County	54061	R	Carbon Disulfide	4.74E-02	4.74E-02	4.76E-02	4.95E-02	4.98E-02	5.02E-02	5.46E-02	5.47E-02	3.88E-06	2.79E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Monongalia County	54061	R	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	0.00E+00	5.15E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Monongalia County	54061	R	Chloroform	8.86E-02	8.89E-02	9.05E-02	1.02E-01	1.09E-01	1.14E-01	1.47E-01	1.47E-01	0.00E+00	2.55E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Monongalia County	54061	R	Chromium Compounds (includes Hexavalent)	2.47E-04	2.50E-04	3.98E-04	4.57E-04	4.65E-04	4.95E-04	5.18E-04	8.76E-04	2.07E-04	2.31E-04	2.65E-05	9.99E-07	0.00E+00
West Virginia	Monongalia County	54061	R	Chromium VI	8.77E-05	1.19E-04	1.79E-04	2.00E-04	2.20E-04	2.31E-04	2.63E-04	2.84E-04	2.32E-05	1.86E-04	1.06E-05	3.40E-07	0.00E+00
West Virginia	Monongalia County	54061	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	1,4-Dichlorobenzene	7.81E-03	7.99E-03	1.04E-02	2.28E-02	3.23E-02	3.79E-02	7.98E-02	8.42E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	1,3-Dichloropropene	1.43E-02	1.45E-02	1.92E-02	4.27E-02	6.12E-02	7.17E-02	1.52E-01	1.61E-01	0.00E+00	6.12E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.29E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Monongalia County	54061	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.19E-06	2.92E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Monongalia County	54061	R	Ethylene Oxide	1.39E-03	1.41E-03	1.82E-03	5.41E-03	8.16E-03	1.35E-02	1.84E-02	1.92E-02	0.00E+00	8.16E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	Formaldehyde	4.06E-01	4.50E-01	4.91E-01	5.11E-01	5.61E-01	5.89E-01	6.80E-01	9.11E-01	2.37E-04	4.39E-02	2.18E-01	4.87E-02	2.50E-01
West Virginia	Monongalia County	54061	R	Hexachlorobenzene	9.33E-05	9.34E-05	9.34E-05	9.45E-05	9.46E-05	9.52E-05	9.63E-05	9.67E-05	0.00E+00	1.57E-06	0.00E+00	0.00E+00	9.30E-05
West Virginia	Monongalia County	54061	R	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	2.19E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Monongalia County	54061	R	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
West Virginia	Monongalia County	54061	R	Hydrazine	5.24E-09	6.15E-09	2.75E-08	2.33E-07	1.43E-06	9.77E-07	2.26E-06	7.66E-06	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	Lead Compounds	1.21E-03	1.85E-03	2.56E-03	3.13E-03	3.45E-03	3.64E-03	4.31E-03	5.13E-03	6.53E-05	2.46E-03	0.00E+00	9.28E-04	0.00E+00
West Virginia	Monongalia County	54061	R	Manganese Compounds	1.47E-04	1.68E-04	2.37E-04	2.53E-04	2.38E-04	2.62E-04	2.98E-04	2.99E-04	1.47E-04	8.10E-05	8.60E-06	1.49E-06	0.00E+00
West Virginia	Monongalia County	54061	R	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.58E-03	1.58E-03	1.61E-03	1.64E-03	1.64E-03	4.30E-06	3.22E-05	3.99E-05	6.13E-06	1.50E-03
West Virginia	Monongalia County	54061	R	Methylene Chloride	1.75E-01	1.75E-01	1.78E-01	2.79E-01	2.90E-01	3.49E-01	4.37E-01	5.42E-01	7.96E-06	1.40E-01	0.00E+00	0.00E+00	1.50E-01
West Virginia	Monongalia County	54061	R	Nickel Compounds	4.56E-04	5.68E-04	7.63E-04	8.28E-04	8.28E-04	9.56E-04	1.02E-03	1.05E-03	2.00E-04	5.85E-04	1.99E-05	2.29E-05	0.00E+00
West Virginia	Monongalia County	54061	R	Perchloroethylene	1.64E-01	1.66E-01	1.74E-01	2.23E-01	2.22E-01	2.56E-01	2.91E-01	3.24E-01	1.18E-06	8.20E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Monongalia County	54061	R	Polychlorinated Biphenyls	4.17E-04	4.21E-04	4.30E-04	5.52E-04	5.61E-04	6.38E-04	7.61E-04	8.10E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Monongalia County	54061	R	Polycyclic Organic Matter	2.46E-02	2.56E-02	3.13E-02	4.34E-02	4.90E-02	5.55E-02	7.71E-02	1.08E-01	5.12E-07	3.72E-02	1.04E-02	1.47E-03	0.00E+00
West Virginia	Monongalia County	54061	R	7-PAH	5.51E-04	5.86E-04	6.93E-04	1.14E-03	1.23E-03	1.52E-03	2.25E-03	2.28E-03	1.04E-08	1.15E-03	7.06E-05	1.55E-05	0.00E+00
West Virginia	Monongalia County	54061	R	Propylene Dichloride	5.15E-06	5.23E-06	8.55E-06	1.19E-05	1.55E-05	1.73E-05	2.52E-05	2.67E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	Quinoline	2.23E-08	4.12E-08	6.57E-08	2.28E-07	4.41E-07	3.82E-07	1.36E-06	1.48E-06	0.00E+00	4.41E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	1,1,2,2-Tetrachloroethane	3.17E-05	3.25E-05	3.89E-05	4.21E-05	7.56E-05	5.02E-05	6.93E-05	1.07E-04	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monongalia County	54061	R	Trichloroethylene	8.35E-02	8.42E-02	8.67E-02	9.97E-02	9.94E-02	1.07E-01	1.20E-01	1.22E-01	0.00E+00	1.84E-02	0.00E+00	0.00E+00	8.10E-02
West Virginia	Monongalia County	54061	R	Vinyl Chloride	8.07E-05	8.30E-05	1.12E-04	1.23E-04	1.99E-04	1.52E-04	1.72E-04	2.64E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	Acetaldehyde	4.97E-02	4.97E-02	4.97E-02	7.84E-02	7.11E-02	8.53E-02	8.53E-02	8.53E-02	4.23E-03	9.16E-03	5.28E-02	4.95E-03	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Monroe County	54063	R	Acrolein	1.66E-02	1.66E-02	1.66E-02	1.86E-02	1.81E-02	1.91E-02	1.91E-02	1.91E-02	3.52E-05	1.04E-02	6.58E-03	1.07E-03	0.00E+00
West Virginia	Monroe County	54063	R	Acrylonitrile	1.93E-04	1.93E-04	1.93E-04	2.96E-04	4.67E-04	9.12E-04	9.12E-04	9.12E-04	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	Arsenic Compounds	9.86E-06	9.86E-06	9.86E-06	1.21E-05	1.42E-05	2.05E-05	2.05E-05	2.05E-05	1.99E-06	5.21E-06	5.89E-06	1.09E-06	0.00E+00
West Virginia	Monroe County	54063	R	Benzene	6.15E-01	6.15E-01	6.15E-01	6.16E-01	6.32E-01	6.66E-01	6.66E-01	6.66E-01	1.18E-05	8.02E-02	6.11E-02	1.11E-02	4.80E-01
West Virginia	Monroe County	54063	R	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
West Virginia	Monroe County	54063	R	Beryllium Compounds	9.18E-07	9.18E-07	9.18E-07	1.17E-06	1.14E-06	1.34E-06	1.34E-06	1.34E-06	8.52E-08	5.98E-07	0.00E+00	4.59E-07	0.00E+00
West Virginia	Monroe County	54063	R	1,3-Butadiene	3.85E-03	3.85E-03	3.85E-03	4.07E-03	4.25E-03	4.84E-03	4.84E-03	4.84E-03	0.00E+00	1.81E-03	1.98E-03	4.62E-04	0.00E+00
West Virginia	Monroe County	54063	R	Cadmium Compounds	1.73E-06	1.73E-06	1.73E-06	2.06E-06	2.09E-06	2.49E-06	2.49E-06	2.49E-06	4.02E-07	1.23E-06	0.00E+00	4.56E-07	0.00E+00
West Virginia	Monroe County	54063	R	Carbon Disulfide	4.73E-02	4.73E-02	4.73E-02	4.79E-02	4.78E-02	4.81E-02	4.81E-02	4.81E-02	2.57E-04	5.05E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Monroe County	54063	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	3.68E-04	4.98E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Monroe County	54063	R	Chloroform	8.48E-02	8.48E-02	8.48E-02	8.60E-02	8.72E-02	9.06E-02	9.06E-02	9.06E-02	1.89E-03	2.27E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Monroe County	54063	R	Chromium Compounds (includes Hexavalent)	7.81E-06	7.81E-06	7.81E-06	1.30E-05	1.15E-05	1.37E-05	1.37E-05	1.37E-05	5.02E-06	2.44E-06	3.83E-06	2.05E-07	0.00E+00
West Virginia	Monroe County	54063	R	Chromium VI	2.54E-06	2.54E-06	2.54E-06	4.01E-06	3.76E-06	4.72E-06	4.72E-06	4.72E-06	1.10E-06	1.07E-06	1.52E-06	6.97E-08	0.00E+00
West Virginia	Monroe County	54063	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	1,4-Dichlorobenzene	2.13E-03	2.13E-03	2.13E-03	2.36E-03	2.88E-03	4.14E-03	4.14E-03	4.14E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	1,3-Dichloropropene	3.82E-03	3.82E-03	3.82E-03	4.25E-03	5.16E-03	7.43E-03	7.43E-03	7.43E-03	0.00E+00	5.16E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.38E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Monroe County	54063	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.29E-05	5.74E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Monroe County	54063	R	Ethylene Oxide	3.22E-04	3.22E-04	3.22E-04	4.08E-04	4.64E-04	6.64E-04	6.64E-04	6.64E-04	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	Formaldehyde	3.28E-01	3.28E-01	3.28E-01	3.40E-01	3.40E-01	3.51E-01	3.51E-01	3.51E-01	9.36E-04	4.02E-02	3.90E-02	9.83E-03	2.50E-01
West Virginia	Monroe County	54063	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.10E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Monroe County	54063	R	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	1.60E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Monroe County	54063	R	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
West Virginia	Monroe County	54063	R	Hydrazine	1.08E-09	1.08E-09	1.08E-09	1.71E-09	2.56E-09	4.89E-09	4.89E-09	4.89E-09	0.00E+00	2.56E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	Lead Compounds	5.16E-05	5.16E-05	5.16E-05	8.13E-05	7.88E-05	1.03E-04	1.03E-04	1.03E-04	1.68E-05	1.82E-05	0.00E+00	4.38E-05	0.00E+00
West Virginia	Monroe County	54063	R	Manganese Compounds	3.20E-05	3.20E-05	3.20E-05	3.50E-05	7.64E-05	1.62E-04	1.62E-04	1.62E-04	3.41E-05	4.10E-05	1.14E-06	1.40E-07	0.00E+00
West Virginia	Monroe County	54063	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.44E-06	1.49E-06	6.74E-06	1.52E-06	1.50E-03
West Virginia	Monroe County	54063	R	Methylene Chloride	1.69E-01	1.69E-01	1.69E-01	1.73E-01	1.83E-01	2.05E-01	2.05E-01	2.05E-01	1.99E-02	1.27E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Monroe County	54063	R	Nickel Compounds	1.62E-05	1.62E-05	1.62E-05	2.65E-05	2.51E-05	3.26E-05	3.26E-05	3.26E-05	5.63E-06	1.63E-05	2.89E-06	2.63E-07	0.00E+00
West Virginia	Monroe County	54063	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.89E-04	2.91E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Monroe County	54063	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.93E-04	4.00E-04	4.03E-04	4.17E-04	4.17E-04	4.17E-04	0.00E+00	2.32E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Monroe County	54063	R	Polycyclic Organic Matter	1.93E-02	1.93E-02	1.93E-02	2.01E-02	2.09E-02	2.34E-02	2.34E-02	2.34E-02	5.70E-08	1.93E-02	1.48E-03	1.97E-04	0.00E+00
West Virginia	Monroe County	54063	R	7-PAH	4.45E-04	4.45E-04	4.45E-04	5.02E-04	4.84E-04	5.04E-04	5.04E-04	5.04E-04	1.07E-09	4.71E-04	1.05E-05	2.66E-06	0.00E+00
West Virginia	Monroe County	54063	R	Propylene Dichloride	1.19E-05	1.19E-05	1.19E-05	1.80E-05	2.87E-05	5.63E-05	5.63E-05	5.63E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	Quinoline	4.23E-08	4.23E-08	4.23E-08	6.25E-08	9.45E-08	1.79E-07	1.79E-07	1.79E-07	0.00E+00	9.45E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	1,1,2,2-Tetrachloroethane	1.02E-04	1.02E-04	1.02E-04	1.58E-04	2.52E-04	4.96E-04	4.96E-04	4.96E-04	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Monroe County	54063	R	Trichloroethylene	8.18E-02	8.18E-02	8.18E-02	8.19E-02	8.23E-02	8.33E-02	8.33E-02	8.33E-02	6.52E-05	1.25E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Monroe County	54063	R	Vinyl Chloride	2.53E-04	2.53E-04	2.53E-04	3.91E-04	6.24E-04	1.23E-03	1.23E-03	1.23E-03	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Acetaldehyde	8.30E-02	8.30E-02	9.16E-02	1.05E-01	1.10E-01	1.28E-01	1.46E-01	1.46E-01	6.53E-04	8.58E-03	9.34E-02	7.26E-03	0.00E+00
West Virginia	Morgan County	54065	R	Acrolein	1.89E-02	1.89E-02	1.94E-02	2.24E-02	2.28E-02	2.62E-02	2.76E-02	2.76E-02	1.89E-06	7.05E-03	1.41E-02	1.68E-03	0.00E+00
West Virginia	Morgan County	54065	R	Acrylonitrile	1.22E-04	1.22E-04	1.27E-04	1.55E-04	1.57E-04	1.86E-04	1.96E-04	1.96E-04	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Arsenic Compounds	3.36E-04	3.36E-04	4.66E-04	7.82E-04	8.82E-04	1.30E-03	1.63E-03	1.63E-03	2.89E-06	8.64E-04	1.36E-05	1.35E-06	0.00E+00
West Virginia	Morgan County	54065	R	Benzene	6.42E-01	6.42E-01	6.50E-01	7.02E-01	7.08E-01	7.66E-01	7.87E-01	7.87E-01	4.22E-05	8.94E-02	1.25E-01	1.40E-02	4.80E-01
West Virginia	Morgan County	54065	R	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
West Virginia	Morgan County	54065	R	Beryllium Compounds	1.20E-06	1.20E-06	1.58E-06	2.53E-06	2.81E-06	4.04E-06	4.98E-06	4.98E-06	1.88E-07	9.94E-07	0.00E+00	1.63E-06	0.00E+00
West Virginia	Morgan County	54065	R	1,3-Butadiene	4.88E-03	4.88E-03	5.13E-03	6.42E-03	7.24E-03	9.36E-03	1.13E-02	1.13E-02	0.00E+00	1.55E-03	4.78E-03	9.15E-04	0.00E+00
West Virginia	Morgan County	54065	R	Cadmium Compounds	3.75E-06	3.75E-06	3.85E-06	5.57E-06	5.80E-06	7.74E-06	8.30E-06	8.30E-06	2.06E-06	2.12E-06	0.00E+00	1.62E-06	0.00E+00
West Virginia	Morgan County	54065	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.73E-02	4.75E-02	4.77E-02	4.77E-02	1.02E-06	3.21E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Morgan County	54065	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	9.60E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Morgan County	54065	R	Chloroform	8.51E-02	8.51E-02	8.58E-02	8.73E-02	8.72E-02	8.86E-02	8.91E-02	8.91E-02	0.00E+00	4.21E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Morgan County	54065	R	Chromium Compounds (includes Hexavalent)	2.87E-05	2.87E-05	3.63E-05	5.73E-05	5.71E-05	7.79E-05	8.50E-05	8.50E-05	2.64E-05	2.14E-05	8.78E-06	5.27E-07	0.00E+00
West Virginia	Morgan County	54065	R	Chromium VI	1.18E-05	1.18E-05	1.40E-05	2.08E-05	2.04E-05	2.69E-05	2.83E-05	2.83E-05	9.51E-06	7.26E-06	3.48E-06	1.79E-07	0.00E+00
West Virginia	Morgan County	54065	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	1,4-Dichlorobenzene	2.54E-03	2.54E-03	3.35E-03	5.02E-03	5.04E-03	6.72E-03	7.56E-03	7.56E-03	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	1,3-Dichloropropene	4.57E-03	4.57E-03	6.04E-03	9.10E-03	9.18E-03	1.23E-02	1.40E-02	1.40E-02	0.00E+00	9.18E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	9.29E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Morgan County	54065	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.15E-07	2.02E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Morgan County	54065	R	Ethylene Oxide	4.10E-04	4.10E-04	5.22E-04	8.33E-04	9.36E-04	1.35E-03	1.67E-03	1.67E-03	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Formaldehyde	3.51E-01	3.51E-01	3.52E-01	3.69E-01	3.70E-01	3.88E-01	3.92E-01	3.92E-01	1.63E-04	3.14E-02	7.44E-02	1.45E-02	2.50E-01
West Virginia	Morgan County	54065	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.38E-05	9.38E-05	0.00E+00	3.69E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Morgan County	54065	R	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	3.73E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Morgan County	54065	R	Hexamethylene Diisocyanate	1.51E-05	1.51E-05	1.53E-05	1.73E-05	1.87E-05	2.21E-05	2.52E-05	2.52E-05	1.82E-05	5.04E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Hydrazine	1.36E-10	1.36E-10	3.42E-10	5.62E-10	5.66E-10	7.90E-10	1.01E-09	1.01E-09	0.00E+00	5.66E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Lead Compounds	1.57E-04	1.57E-04	1.99E-04	2.74E-04	2.57E-04	3.14E-04	3.22E-04	3.22E-04	1.94E-05	6.17E-05	0.00E+00	1.76E-04	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Morgan County	54065	R	Manganese Compounds	2.71E-04	2.71E-04	3.22E-04	3.92E-04	4.13E-04	5.05E-04	5.98E-04	5.98E-04	3.40E-04	7.00E-05	2.68E-06	2.61E-07	0.00E+00
West Virginia	Morgan County	54065	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.64E-06	4.06E-06	1.57E-05	2.96E-06	1.50E-03
West Virginia	Morgan County	54065	R	Methylene Chloride	1.60E-01	1.60E-01	1.64E-01	1.71E-01	1.75E-01	1.86E-01	1.98E-01	1.98E-01	2.19E-06	2.51E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Morgan County	54065	R	Nickel Compounds	1.91E-05	1.91E-05	2.38E-05	3.78E-05	3.63E-05	4.87E-05	5.02E-05	5.02E-05	8.60E-06	2.05E-05	6.55E-06	5.88E-07	0.00E+00
West Virginia	Morgan County	54065	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.46E-01	1.46E-01	1.47E-01	1.48E-01	1.48E-01	4.67E-06	5.87E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Morgan County	54065	R	Polychlorinated Biphenyls	4.00E-04	4.00E-04	4.05E-04	4.09E-04	4.23E-04	4.41E-04	4.71E-04	4.71E-04	0.00E+00	4.26E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Morgan County	54065	R	Polycyclic Organic Matter	1.88E-02	1.88E-02	1.98E-02	2.48E-02	2.58E-02	3.18E-02	3.50E-02	3.50E-02	1.50E-07	2.24E-02	3.01E-03	4.48E-04	0.00E+00
West Virginia	Morgan County	54065	R	7-PAH	4.40E-04	4.40E-04	4.73E-04	5.09E-04	5.54E-04	6.35E-04	7.58E-04	7.58E-04	2.97E-09	5.26E-04	2.26E-05	5.14E-06	0.00E+00
West Virginia	Morgan County	54065	R	Propylene Dichloride	7.27E-06	7.27E-06	7.47E-06	8.40E-06	8.92E-06	1.04E-05	1.16E-05	1.16E-05	0.00E+00	8.92E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Quinoline	6.16E-09	6.16E-09	1.20E-08	2.04E-08	2.02E-08	2.85E-08	3.39E-08	3.39E-08	0.00E+00	2.02E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	1,1,2,2-Tetrachloroethane	6.31E-05	6.31E-05	6.38E-05	6.63E-05	7.44E-05	8.50E-05	1.02E-04	1.02E-04	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Morgan County	54065	R	Trichloroethylene	8.17E-02	8.17E-02	8.20E-02	8.25E-02	8.29E-02	8.38E-02	8.48E-02	8.48E-02	0.00E+00	1.87E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Morgan County	54065	R	Vinyl Chloride	1.56E-04	1.56E-04	1.58E-04	1.64E-04	1.84E-04	2.10E-04	2.52E-04	2.52E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	Acetaldehyde	3.31E-02	3.31E-02	3.90E-02	4.48E-02	4.79E-02	5.76E-02	6.69E-02	6.69E-02	3.73E-04	1.07E-02	3.29E-02	3.95E-03	0.00E+00
West Virginia	Nicholas County	54067	R	Acrolein	1.43E-02	1.43E-02	1.48E-02	1.85E-02	1.74E-02	1.91E-02	1.98E-02	1.98E-02	7.80E-05	1.17E-02	4.45E-03	1.22E-03	0.00E+00
West Virginia	Nicholas County	54067	R	Acrylonitrile	1.24E-05	1.24E-05	2.55E-05	2.92E-05	7.51E-05	6.10E-05	3.32E-04	3.32E-04	0.00E+00	7.51E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	Arsenic Compounds	5.52E-06	5.52E-06	6.10E-06	9.11E-06	1.23E-05	1.11E-05	3.62E-05	3.62E-05	9.90E-07	5.53E-06	4.98E-06	8.04E-07	0.00E+00
West Virginia	Nicholas County	54067	R	Benzene	5.96E-01	5.96E-01	6.05E-01	6.08E-01	6.24E-01	6.49E-01	6.91E-01	6.91E-01	8.39E-06	7.37E-02	4.99E-02	2.00E-02	4.80E-01
West Virginia	Nicholas County	54067	R	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
West Virginia	Nicholas County	54067	R	Beryllium Compounds	2.99E-07	2.99E-07	3.08E-07	5.29E-07	5.05E-07	5.75E-07	7.61E-07	7.61E-07	5.37E-08	3.47E-07	0.00E+00	1.04E-07	0.00E+00
West Virginia	Nicholas County	54067	R	1,3-Butadiene	5.07E-03	5.07E-03	5.18E-03	5.98E-03	6.29E-03	7.76E-03	8.08E-03	8.08E-03	0.00E+00	2.66E-03	2.48E-03	1.15E-03	0.00E+00
West Virginia	Nicholas County	54067	R	Cadmium Compounds	8.02E-07	8.02E-07	9.04E-07	1.28E-06	1.27E-06	1.66E-06	1.68E-06	1.68E-06	1.32E-07	1.03E-06	0.00E+00	1.03E-07	0.00E+00
West Virginia	Nicholas County	54067	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.75E-02	4.75E-02	3.75E-07	1.06E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Nicholas County	54067	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.09E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Nicholas County	54067	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.40E-02	8.41E-02	8.47E-02	8.48E-02	8.48E-02	0.00E+00	1.13E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Nicholas County	54067	R	Chromium Compounds (includes Hexavalent)	3.79E-06	3.79E-06	3.80E-06	7.13E-06	7.39E-06	9.81E-06	1.34E-05	1.34E-05	2.38E-06	1.83E-06	2.97E-06	2.11E-07	0.00E+00
West Virginia	Nicholas County	54067	R	Chromium VI	1.59E-06	1.59E-06	1.72E-06	2.33E-06	2.43E-06	3.11E-06	3.47E-06	3.47E-06	2.53E-07	8.95E-07	1.21E-06	7.18E-08	0.00E+00
West Virginia	Nicholas County	54067	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	1,4-Dichlorobenzene	2.09E-03	2.09E-03	2.17E-03	2.74E-03	3.02E-03	3.80E-03	5.00E-03	5.00E-03	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	1,3-Dichloropropene	3.78E-03	3.78E-03	3.92E-03	5.02E-03	5.57E-03	6.98E-03	9.37E-03	9.37E-03	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.67E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Nicholas County	54067	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.16E-07	8.19E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Nicholas County	54067	R	Ethylene Oxide	4.06E-04	4.06E-04	4.36E-04	5.59E-04	6.57E-04	9.89E-04	1.09E-03	1.09E-03	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	Formaldehyde	3.24E-01	3.24E-01	3.26E-01	3.39E-01	3.44E-01	3.55E-01	3.72E-01	3.72E-01	2.67E-04	5.33E-02	3.25E-02	7.82E-03	2.50E-01
West Virginia	Nicholas County	54067	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.21E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Nicholas County	54067	R	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	1.56E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Nicholas County	54067	R	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
West Virginia	Nicholas County	54067	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	Lead Compounds	6.77E-06	6.77E-06	2.00E-05	2.56E-05	4.09E-05	4.19E-05	1.34E-04	1.34E-04	1.34E-05	1.78E-05	0.00E+00	9.82E-06	0.00E+00
West Virginia	Nicholas County	54067	R	Manganese Compounds	3.57E-05	3.57E-05	4.30E-05	7.01E-05	8.53E-05	1.11E-04	2.07E-04	2.07E-04	3.76E-06	8.04E-05	9.67E-07	1.18E-07	0.00E+00
West Virginia	Nicholas County	54067	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	8.90E-09	2.05E-06	5.90E-06	7.24E-07	1.50E-03
West Virginia	Nicholas County	54067	R	Methylene Chloride	1.56E-01	1.56E-01	1.57E-01	1.59E-01	1.61E-01	1.64E-01	1.71E-01	1.71E-01	7.74E-07	1.11E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Nicholas County	54067	R	Nickel Compounds	7.95E-06	7.95E-06	1.10E-05	1.52E-05	1.44E-05	1.85E-05	2.07E-05	2.07E-05	2.41E-06	9.48E-06	2.19E-06	3.26E-07	0.00E+00
West Virginia	Nicholas County	54067	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.46E-01	1.46E-01	1.15E-07	2.57E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Nicholas County	54067	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.95E-04	4.04E-04	4.06E-04	4.22E-04	4.24E-04	4.24E-04	0.00E+00	2.56E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Nicholas County	54067	R	Polycyclic Organic Matter	1.06E-02	1.06E-02	1.51E-02	1.59E-02	1.79E-02	1.81E-02	3.30E-02	3.30E-02	5.23E-08	1.66E-02	1.17E-03	1.77E-04	0.00E+00
West Virginia	Nicholas County	54067	R	7-PAH	4.53E-04	4.53E-04	4.65E-04	4.92E-04	5.16E-04	6.14E-04	6.16E-04	6.16E-04	1.06E-09	5.04E-04	8.61E-06	3.82E-06	0.00E+00
West Virginia	Nicholas County	54067	R	Propylene Dichloride	6.86E-07	6.86E-07	1.28E-06	1.57E-06	4.23E-06	3.41E-06	1.90E-05	1.90E-05	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	1,1,2,2-Tetrachloroethane	5.73E-06	5.73E-06	1.05E-05	1.36E-05	3.64E-05	2.87E-05	1.64E-04	1.64E-04	0.00E+00	3.64E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Nicholas County	54067	R	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.16E-02	8.18E-02	8.19E-02	8.30E-02	8.30E-02	0.00E+00	8.24E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Nicholas County	54067	R	Vinyl Chloride	1.41E-05	1.41E-05	2.83E-05	3.36E-05	9.01E-05	7.08E-05	4.04E-04	4.04E-04	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	Acetaldehyde	1.31E-01	1.42E-01	2.03E-01	2.93E-01	3.00E-01	3.97E-01	4.53E-01	4.74E-01	5.15E-05	8.12E-03	1.83E-01	1.09E-01	0.00E+00
West Virginia	Ohio County	54069	U	Acrolein	2.42E-02	2.56E-02	3.22E-02	4.01E-02	3.83E-02	4.35E-02	4.79E-02	5.08E-02	9.46E-06	8.31E-03	2.47E-02	5.27E-03	0.00E+00
West Virginia	Ohio County	54069	U	Acrylonitrile	2.38E-04	2.54E-04	2.76E-04	3.36E-04	6.05E-04	4.45E-04	1.19E-03	2.81E-03	3.39E-04	2.66E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	Arsenic Compounds	6.52E-05	7.40E-05	9.69E-05	1.16E-04	1.14E-04	1.32E-04	1.57E-04	1.74E-04	5.41E-05	1.38E-05	3.04E-05	1.53E-05	0.00E+00
West Virginia	Ohio County	54069	U	Benzene	7.39E-01	7.90E-01	9.12E-01	1.11E+00	1.11E+00	1.28E+00	1.43E+00	1.49E+00	4.71E-03	9.51E-02	4.30E-01	9.72E-02	4.80E-01
West Virginia	Ohio County	54069	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
West Virginia	Ohio County	54069	U	Beryllium Compounds	4.27E-06	4.77E-06	5.94E-06	8.09E-06	1.41E-05	2.60E-05	2.87E-05	2.98E-05	9.40E-06	4.44E-06	0.00E+00	2.42E-07	0.00E+00
West Virginia	Ohio County	54069	U	1,3-Butadiene	9.22E-03	1.48E-02	2.26E-02	4.11E-02	4.45E-02	6.05E-02	8.16E-02	8.90E-02	0.00E+00	1.06E-03	3.40E-02	9.45E-03	0.00E+00
West Virginia	Ohio County	54069	U	Cadmium Compounds	1.17E-05	1.19E-05	1.52E-05	1.88E-05	1.93E-05	2.23E-05	2.45E-05	3.34E-05	2.04E-06	1.53E-05	0.00E+00	1.92E-06	0.00E+00
West Virginia	Ohio County	54069	U	Carbon Disulfide	5.41E-02	5.46E-02	5.59E-02	5.70E-02	5.86E-02	5.92E-02	6.48E-02	7.14E-02	9.25E-03	2.37E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Ohio County	54069	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.83E-01	6.21E-07	4.66E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Ohio County	54069	U	Chloroform	8.63E-02	8.72E-02	9.09E-02	9.29E-02	9.34E-02	9.41E-02	9.69E-02	1.07E-01	4.59E-06	1.04E-02	0.00E+00	0.00E+00	8.30E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Ohio County	54069	U	Chromium Compounds (includes Hexavalent)	3.55E-04	3.58E-04	3.82E-04	4.08E-04	4.08E-04	4.29E-04	4.57E-04	4.68E-04	2.21E-04	1.55E-04	2.46E-05	6.50E-06	0.00E+00
West Virginia	Ohio County	54069	U	Chromium VI	5.48E-05	5.66E-05	6.21E-05	6.55E-05	6.56E-05	6.87E-05	7.34E-05	8.07E-05	3.79E-05	1.57E-05	9.82E-06	2.21E-06	0.00E+00
West Virginia	Ohio County	54069	U	Coke Oven Emissions	4.98E-03	5.13E-03	5.50E-03	6.10E-03	6.36E-03	6.51E-03	8.92E-03	1.02E-02	6.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	1,4-Dichlorobenzene	8.28E-03	1.01E-02	2.19E-02	2.44E-02	2.29E-02	2.72E-02	2.88E-02	3.12E-02	1.49E-03	2.14E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	1,3-Dichloropropene	1.35E-02	1.67E-02	3.91E-02	4.33E-02	4.09E-02	4.91E-02	5.23E-02	5.71E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	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	1.90E-07	3.59E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Ohio County	54069	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.13E-02	4.27E-05	2.47E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Ohio County	54069	U	Ethylene Oxide	1.04E-03	1.32E-03	3.66E-03	4.87E-03	6.48E-03	7.41E-03	1.21E-02	2.01E-02	5.01E-06	6.48E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	Formaldehyde	4.53E-01	4.81E-01	5.15E-01	6.53E-01	6.53E-01	7.57E-01	8.49E-01	9.06E-01	3.78E-02	2.52E-02	1.89E-01	1.51E-01	2.50E-01
West Virginia	Ohio County	54069	U	Hexachlorobenzene	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	9.36E-05	9.37E-05	9.37E-05	0.00E+00	5.05E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Ohio County	54069	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	2.04E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Ohio County	54069	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
West Virginia	Ohio County	54069	U	Hydrazine	1.62E-06	3.34E-06	4.35E-06	5.33E-06	5.13E-06	6.40E-06	6.98E-06	7.37E-06	5.02E-06	1.12E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	Lead Compounds	3.46E-04	3.67E-04	4.80E-04	5.41E-04	6.39E-04	7.08E-04	8.35E-04	1.42E-03	8.13E-05	4.02E-04	0.00E+00	1.56E-04	0.00E+00
West Virginia	Ohio County	54069	U	Manganese Compounds	8.27E-04	8.35E-04	8.70E-04	8.99E-04	9.58E-04	9.92E-04	1.23E-03	1.34E-03	1.92E-04	7.42E-04	8.00E-06	1.58E-05	0.00E+00
West Virginia	Ohio County	54069	U	Mercury Compounds	1.56E-03	1.57E-03	1.60E-03	1.62E-03	1.62E-03	1.64E-03	1.67E-03	1.69E-03	3.96E-05	3.55E-05	3.07E-05	1.50E-05	1.50E-03
West Virginia	Ohio County	54069	U	Methylene Chloride	1.75E-01	1.86E-01	2.07E-01	2.37E-01	2.61E-01	2.70E-01	3.74E-01	4.93E-01	2.22E-03	1.09E-01	0.00E+00	0.00E+00	1.50E-01
West Virginia	Ohio County	54069	U	Nickel Compounds	4.44E-04	4.98E-04	6.39E-04	1.03E-03	1.43E-03	1.90E-03	2.79E-03	4.42E-03	2.38E-04	8.29E-04	1.83E-05	3.44E-04	0.00E+00
West Virginia	Ohio County	54069	U	Perchloroethylene	1.57E-01	1.63E-01	1.73E-01	1.77E-01	1.77E-01	1.86E-01	1.93E-01	1.95E-01	6.19E-04	3.68E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Ohio County	54069	U	Polychlorinated Biphenyls	4.02E-04	4.08E-04	4.31E-04	4.38E-04	4.38E-04	4.51E-04	4.59E-04	4.61E-04	0.00E+00	5.79E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Ohio County	54069	U	Polycyclic Organic Matter	2.93E-02	4.45E-02	7.38E-02	8.27E-02	7.70E-02	8.90E-02	9.01E-02	9.09E-02	4.19E-02	2.36E-02	9.41E-03	2.20E-03	0.00E+00
West Virginia	Ohio County	54069	U	7-PAH	5.06E-04	5.58E-04	7.50E-04	7.98E-04	7.89E-04	8.57E-04	9.56E-04	1.00E-03	1.35E-04	5.42E-04	6.09E-05	5.16E-05	0.00E+00
West Virginia	Ohio County	54069	U	Propylene Dichloride	1.46E-05	1.52E-05	1.64E-05	2.20E-05	3.51E-05	3.05E-05	4.97E-05	1.48E-04	2.05E-05	1.46E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	Quinoline	8.04E-05	8.20E-05	8.69E-05	9.55E-05	9.87E-05	1.01E-04	1.31E-04	1.49E-04	7.85E-05	2.02E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	1,1,2,2-Tetrachloroethane	1.00E-04	1.04E-04	1.14E-04	1.33E-04	2.64E-04	2.12E-04	3.27E-04	1.25E-03	1.88E-04	7.56E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ohio County	54069	U	Trichloroethylene	9.01E-02	9.11E-02	9.36E-02	9.72E-02	1.06E-01	1.04E-01	1.33E-01	1.65E-01	5.89E-03	1.90E-02	0.00E+00	0.00E+00	8.10E-02
West Virginia	Ohio County	54069	U	Vinyl Chloride	2.60E-04	2.68E-04	2.99E-04	3.34E-04	6.54E-04	5.22E-04	7.99E-04	3.08E-03	4.63E-04	1.91E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	Acetaldehyde	3.10E-02	3.10E-02	3.10E-02	3.80E-02	3.59E-02	3.87E-02	3.87E-02	3.87E-02	0.00E+00	1.45E-02	1.65E-02	4.86E-03	0.00E+00
West Virginia	Pendleton County	54071	R	Acrolein	1.99E-02	1.99E-02	1.99E-02	2.30E-02	2.31E-02	2.63E-02	2.63E-02	2.63E-02	0.00E+00	2.01E-02	2.35E-03	6.28E-04	0.00E+00
West Virginia	Pendleton County	54071	R	Acrylonitrile	1.19E-05	1.19E-05	1.19E-05	4.07E-05	4.48E-05	8.18E-05	8.18E-05	8.18E-05	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	Arsenic Compounds	4.90E-06	4.90E-06	4.90E-06	5.65E-06	5.47E-06	5.86E-06	5.86E-06	5.86E-06	8.00E-09	1.19E-06	2.68E-06	1.59E-06	0.00E+00
West Virginia	Pendleton County	54071	R	Benzene	5.96E-01	5.96E-01	5.96E-01	6.08E-01	6.09E-01	6.25E-01	6.25E-01	6.25E-01	0.00E+00	9.77E-02	2.59E-02	5.90E-03	4.80E-01
West Virginia	Pendleton County	54071	R	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
West Virginia	Pendleton County	54071	R	Beryllium Compounds	2.48E-07	2.48E-07	2.48E-07	3.53E-07	3.35E-07	4.02E-07	4.02E-07	4.02E-07	0.00E+00	3.32E-07	0.00E+00	2.51E-09	0.00E+00
West Virginia	Pendleton County	54071	R	1,3-Butadiene	6.54E-03	6.54E-03	6.54E-03	7.10E-03	7.86E-03	9.94E-03	9.94E-03	9.94E-03	0.00E+00	6.12E-03	1.38E-03	3.59E-04	0.00E+00
West Virginia	Pendleton County	54071	R	Cadmium Compounds	8.27E-07	8.27E-07	8.27E-07	9.07E-07	9.00E-07	9.65E-07	9.65E-07	9.65E-07	0.00E+00	8.97E-07	0.00E+00	2.48E-09	0.00E+00
West Virginia	Pendleton County	54071	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	1.05E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Pendleton County	54071	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.15E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Pendleton County	54071	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.36E-02	8.37E-02	8.43E-02	8.43E-02	8.43E-02	0.00E+00	7.07E-04	0.00E+00	0.00E+00	8.30E-02
West Virginia	Pendleton County	54071	R	Chromium Compounds (includes Hexavalent)	2.75E-06	2.75E-06	2.75E-06	2.92E-06	2.88E-06	2.97E-06	2.97E-06	2.97E-06	4.42E-08	1.17E-06	1.60E-06	6.07E-08	0.00E+00
West Virginia	Pendleton County	54071	R	Chromium VI	1.22E-06	1.22E-06	1.22E-06	1.28E-06	1.27E-06	1.31E-06	1.31E-06	1.31E-06	2.65E-09	5.91E-07	6.54E-07	2.06E-08	0.00E+00
West Virginia	Pendleton County	54071	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	1,4-Dichlorobenzene	1.75E-03	1.75E-03	1.75E-03	2.14E-03	2.06E-03	2.28E-03	2.28E-03	2.28E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	1,3-Dichloropropene	3.20E-03	3.20E-03	3.20E-03	3.98E-03	3.78E-03	4.17E-03	4.17E-03	4.17E-03	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.98E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Pendleton County	54071	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	5.03E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Pendleton County	54071	R	Ethylene Oxide	2.79E-04	2.79E-04	2.79E-04	3.17E-04	3.15E-04	3.48E-04	3.48E-04	3.48E-04	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	Formaldehyde	3.45E-01	3.45E-01	3.45E-01	3.52E-01	3.57E-01	3.74E-01	3.74E-01	3.74E-01	1.35E-06	8.26E-02	1.47E-02	9.52E-03	2.50E-01
West Virginia	Pendleton County	54071	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.78E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Pendleton County	54071	R	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	1.09E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Pendleton County	54071	R	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
West Virginia	Pendleton County	54071	R	Hydrazine	1.35E-10	1.35E-10	1.35E-10	1.50E-10	2.15E-10	3.59E-10	3.59E-10	3.59E-10	0.00E+00	2.15E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	Lead Compounds	2.05E-05	2.05E-05	2.05E-05	2.53E-05	3.07E-05	4.61E-05	4.61E-05	4.61E-05	0.00E+00	1.75E-05	0.00E+00	1.32E-05	0.00E+00
West Virginia	Pendleton County	54071	R	Manganese Compounds	2.68E-05	2.68E-05	2.68E-05	3.68E-05	3.89E-05	5.32E-05	5.32E-05	5.32E-05	8.36E-09	3.83E-05	4.78E-07	1.29E-07	0.00E+00
West Virginia	Pendleton County	54071	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	7.26E-07	3.19E-06	1.34E-06	1.50E-03
West Virginia	Pendleton County	54071	R	Methylene Chloride	1.56E-01	1.56E-01	1.56E-01	1.58E-01	1.58E-01	1.59E-01	1.59E-01	1.59E-01	6.09E-06	7.70E-03	0.00E+00	0.00E+00	1.50E-01
West Virginia	Pendleton County	54071	R	Nickel Compounds	1.29E-05	1.29E-05	1.29E-05	1.45E-05	1.45E-05	1.62E-05	1.62E-05	1.62E-05	4.11E-08	1.31E-05	1.20E-06	1.91E-07	0.00E+00
West Virginia	Pendleton County	54071	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.45E-01	1.45E-01	1.45E-01	0.00E+00	2.65E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Pendleton County	54071	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.93E-04	3.99E-04	3.97E-04	3.99E-04	3.99E-04	3.99E-04	0.00E+00	1.71E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Pendleton County	54071	R	Polycyclic Organic Matter	1.67E-02	1.67E-02	1.67E-02	1.94E-02	1.95E-02	2.22E-02	2.22E-02	2.22E-02	5.36E-06	1.87E-02	6.29E-04	9.98E-05	0.00E+00
West Virginia	Pendleton County	54071	R	7-PAH	7.41E-04	7.41E-04	7.41E-04	7.81E-04	8.32E-04	9.72E-04	9.72E-04	9.72E-04	9.82E-09	8.26E-04	4.34E-06	8.59E-07	0.00E+00
West Virginia	Pendleton County	54071	R	Propylene Dichloride	5.74E-07	5.74E-07	5.74E-07	2.39E-06	2.59E-06	4.82E-06	4.82E-06	4.82E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	Quinoline	6.43E-09	6.43E-09	6.43E-09	6.74E-09	9.09E-09	1.41E-08	1.41E-08	1.41E-08	0.00E+00	9.09E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pendleton County	54071	R	1,1,2,2-Tetrachloroethane	2.91E-06	2.91E-06	2.91E-06	1.90E-05	2.13E-05	4.20E-05	4.20E-05	4.20E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Pendleton County	54071	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.17E-02	8.65E-02	9.61E-02	9.61E-02	9.61E-02	4.76E-03	7.38E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Pendleton County	54071	R	Vinyl Chloride	7.44E-06	7.44E-06	7.44E-06	4.72E-05	5.27E-05	1.04E-04	1.04E-04	1.04E-04	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	Acetaldehyde	1.13E-01	1.13E-01	1.13E-01	1.40E-01	1.40E-01	1.68E-01	1.68E-01	1.68E-01	2.90E-05	1.23E-02	4.96E-02	7.80E-02	0.00E+00
West Virginia	Pleasants County	54073	R	Acrolein	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.24E-02	2.24E-02	2.24E-02	9.69E-04	1.02E-02	7.97E-03	3.24E-03	0.00E+00
West Virginia	Pleasants County	54073	R	Acrylonitrile	1.73E-03	1.73E-03	1.73E-03	2.11E-03	2.11E-03	2.49E-03	2.49E-03	2.49E-03	2.04E-03	7.07E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	Arsenic Compounds	5.53E-05	5.53E-05	5.53E-05	7.68E-05	7.68E-05	9.83E-05	9.83E-05	9.83E-05	6.11E-05	2.22E-06	7.71E-06	5.80E-06	0.00E+00
West Virginia	Pleasants County	54073	R	Benzene	6.78E-01	6.78E-01	6.78E-01	6.95E-01	6.95E-01	7.13E-01	7.13E-01	7.13E-01	2.98E-03	8.08E-02	8.24E-02	4.90E-02	4.80E-01
West Virginia	Pleasants County	54073	R	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
West Virginia	Pleasants County	54073	R	Beryllium Compounds	3.15E-06	3.15E-06	3.15E-06	3.56E-06	3.56E-06	3.96E-06	3.96E-06	3.96E-06	2.29E-06	6.73E-07	0.00E+00	5.92E-07	0.00E+00
West Virginia	Pleasants County	54073	R	1,3-Butadiene	8.31E-03	8.31E-03	8.31E-03	8.52E-03	8.52E-03	8.73E-03	8.73E-03	8.73E-03	5.50E-05	2.20E-03	3.76E-03	2.50E-03	0.00E+00
West Virginia	Pleasants County	54073	R	Cadmium Compounds	4.09E-06	4.09E-06	4.09E-06	5.04E-06	5.04E-06	6.00E-06	6.00E-06	6.00E-06	2.32E-06	1.19E-06	0.00E+00	1.53E-06	0.00E+00
West Virginia	Pleasants County	54073	R	Carbon Disulfide	4.84E-02	4.84E-02	4.84E-02	4.86E-02	4.86E-02	4.88E-02	4.88E-02	4.88E-02	4.93E-04	1.07E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Pleasants County	54073	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.47E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Pleasants County	54073	R	Chloroform	8.52E-02	8.52E-02	8.52E-02	8.54E-02	8.54E-02	8.56E-02	8.56E-02	8.56E-02	2.95E-04	2.14E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Pleasants County	54073	R	Chromium Compounds (includes Hexavalent)	7.44E-03	7.44E-03	7.44E-03	9.26E-03	9.26E-03	1.11E-02	1.11E-02	1.11E-02	9.15E-03	9.82E-05	4.83E-06	3.55E-06	0.00E+00
West Virginia	Pleasants County	54073	R	Chromium VI	3.72E-04	3.72E-04	3.72E-04	3.92E-04	3.92E-04	4.11E-04	4.11E-04	4.11E-04	3.85E-04	3.63E-06	1.94E-06	1.21E-06	0.00E+00
West Virginia	Pleasants County	54073	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	1,4-Dichlorobenzene	5.10E-03	5.10E-03	5.10E-03	5.11E-03	5.11E-03	5.12E-03	5.12E-03	5.12E-03	3.51E-04	4.76E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	1,3-Dichloropropene	8.30E-03	8.30E-03	8.30E-03	8.88E-03	8.88E-03	9.47E-03	9.47E-03	9.47E-03	0.00E+00	8.88E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	Ethylene Dibromide	7.84E-03	7.84E-03	7.84E-03	7.87E-03	7.87E-03	7.90E-03	7.90E-03	7.90E-03	1.72E-04	9.66E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Pleasants County	54073	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.30E-06	8.40E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Pleasants County	54073	R	Ethylene Oxide	5.29E-04	5.29E-04	5.29E-04	6.65E-04	6.65E-04	8.00E-04	8.00E-04	8.00E-04	1.33E-06	6.63E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	Formaldehyde	4.07E-01	4.07E-01	4.07E-01	4.34E-01	4.34E-01	4.61E-01	4.61E-01	4.61E-01	5.61E-03	4.77E-02	4.33E-02	8.75E-02	2.50E-01
West Virginia	Pleasants County	54073	R	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	0.00E+00	3.31E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Pleasants County	54073	R	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	2.75E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Pleasants County	54073	R	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
West Virginia	Pleasants County	54073	R	Hydrazine	3.74E-09	3.74E-09	3.74E-09	1.09E-06	1.09E-06	2.18E-06	2.18E-06	2.18E-06	1.09E-06	3.18E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	Lead Compounds	5.30E-04	5.30E-04	5.30E-04	6.90E-04	6.90E-04	8.51E-04	8.51E-04	8.51E-04	4.25E-05	4.92E-04	0.00E+00	1.56E-04	0.00E+00
West Virginia	Pleasants County	54073	R	Manganese Compounds	6.36E-02	6.36E-02	6.36E-02	8.86E-02	8.86E-02	1.14E-01	1.14E-01	1.14E-01	8.69E-02	1.68E-03	1.54E-06	8.83E-06	0.00E+00
West Virginia	Pleasants County	54073	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.17E-05	1.69E-06	8.93E-06	6.87E-06	1.50E-03
West Virginia	Pleasants County	54073	R	Methylene Chloride	1.65E-01	1.65E-01	1.65E-01	1.69E-01	1.69E-01	1.73E-01	1.73E-01	1.73E-01	2.79E-03	1.59E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Pleasants County	54073	R	Nickel Compounds	6.32E-04	6.32E-04	6.32E-04	1.07E-03	1.07E-03	1.51E-03	1.51E-03	1.51E-03	8.15E-04	3.79E-05	3.61E-06	2.12E-04	0.00E+00
West Virginia	Pleasants County	54073	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.45E-01	1.45E-01	1.45E-01	2.19E-06	4.06E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Pleasants County	54073	R	Polychlorinated Biphenyls	4.05E-04	4.05E-04	4.05E-04	4.17E-04	4.17E-04	4.28E-04	4.28E-04	4.28E-04	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Pleasants County	54073	R	Polycyclic Organic Matter	1.44E-02	1.44E-02	1.44E-02	2.57E-02	2.57E-02	3.71E-02	3.71E-02	3.71E-02	1.15E-02	1.13E-02	1.91E-03	1.09E-03	0.00E+00
West Virginia	Pleasants County	54073	R	7-PAH	6.19E-04	6.19E-04	6.19E-04	6.69E-04	6.69E-04	7.18E-04	7.18E-04	7.18E-04	4.31E-05	5.82E-04	1.35E-05	3.03E-05	0.00E+00
West Virginia	Pleasants County	54073	R	Propylene Dichloride	3.76E-06	3.76E-06	3.76E-06	4.31E-06	4.31E-06	4.85E-06	4.85E-06	4.85E-06	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	Quinoline	7.38E-08	7.38E-08	7.38E-08	7.68E-08	7.68E-08	7.98E-08	7.98E-08	7.98E-08	0.00E+00	7.68E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	1,1,2,2-Tetrachloroethane	2.50E-05	2.50E-05	2.50E-05	2.85E-05	2.85E-05	3.20E-05	3.20E-05	3.20E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pleasants County	54073	R	Trichloroethylene	8.20E-02	8.20E-02	8.20E-02	8.23E-02	8.23E-02	8.27E-02	8.27E-02	8.27E-02	0.00E+00	1.34E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Pleasants County	54073	R	Vinyl Chloride	6.20E-05	6.20E-05	6.20E-05	7.12E-05	7.12E-05	8.04E-05	8.04E-05	8.04E-05	0.00E+00	7.12E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	Acetaldehyde	1.89E-02	1.89E-02	1.89E-02	1.99E-02	2.27E-02	2.95E-02	2.95E-02	2.95E-02	3.04E-03	7.58E-03	9.69E-03	2.44E-03	0.00E+00
West Virginia	Pocahontas County	54075	R	Acrolein	1.20E-02	1.20E-02	1.20E-02	1.35E-02	1.30E-02	1.37E-02	1.37E-02	1.37E-02	3.54E-05	1.11E-02	1.40E-03	5.40E-04	0.00E+00
West Virginia	Pocahontas County	54075	R	Acrylonitrile	3.75E-05	3.75E-05	3.75E-05	4.16E-05	6.94E-05	1.29E-04	1.29E-04	1.29E-04	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	Arsenic Compounds	2.36E-06	2.36E-06	2.36E-06	2.89E-06	4.96E-06	9.64E-06	9.64E-06	9.64E-06	1.60E-06	1.40E-06	1.50E-06	4.58E-07	0.00E+00
West Virginia	Pocahontas County	54075	R	Benzene	5.39E-01	5.39E-01	5.39E-01	5.46E-01	5.45E-01	5.52E-01	5.52E-01	5.52E-01	9.32E-06	4.17E-02	1.47E-02	8.87E-03	4.80E-01
West Virginia	Pocahontas County	54075	R	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
West Virginia	Pocahontas County	54075	R	Beryllium Compounds	1.12E-07	1.12E-07	1.12E-07	1.18E-07	2.30E-07	4.59E-07	4.59E-07	4.59E-07	5.65E-08	1.61E-07	0.00E+00	1.26E-08	0.00E+00
West Virginia	Pocahontas County	54075	R	1,3-Butadiene	3.58E-03	3.58E-03	3.58E-03	3.71E-03	3.73E-03	3.90E-03	3.90E-03	3.90E-03	0.00E+00	2.62E-03	6.72E-04	4.34E-04	0.00E+00
West Virginia	Pocahontas County	54075	R	Cadmium Compounds	3.10E-07	3.10E-07	3.10E-07	5.25E-07	7.63E-07	1.45E-06	1.45E-06	1.45E-06	3.64E-07	3.86E-07	0.00E+00	1.25E-08	0.00E+00
West Virginia	Pocahontas County	54075	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.78E-02	4.78E-02	4.78E-02	2.66E-04	4.43E-05	0.00E+00	0.00E+00	4.70E-02
West Virginia	Pocahontas County	54075	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	3.82E-04	1.38E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Pocahontas County	54075	R	Chloroform	8.35E-02	8.35E-02	8.35E-02	8.37E-02	8.56E-02	8.97E-02	8.97E-02	8.97E-02	1.96E-03	6.47E-04	0.00E+00	0.00E+00	8.30E-02
West Virginia	Pocahontas County	54075	R	Chromium Compounds (includes Hexavalent)	1.22E-06	1.22E-06	1.22E-06	2.34E-06	3.01E-06	5.48E-06	5.48E-06	5.48E-06	1.17E-06	9.15E-07	8.73E-07	5.78E-08	0.00E+00
West Virginia	Pocahontas County	54075	R	Chromium VI	4.99E-07	4.99E-07	4.99E-07	1.13E-06	1.32E-06	2.32E-06	2.32E-06	2.32E-06	5.13E-07	4.32E-07	3.52E-07	1.96E-08	0.00E+00
West Virginia	Pocahontas County	54075	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	1,4-Dichlorobenzene	7.52E-04	7.52E-04	7.52E-04	8.54E-04	8.52E-04	9.50E-04	9.50E-04	9.50E-04	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	1,3-Dichloropropene	1.35E-03	1.35E-03	1.35E-03	1.53E-03	1.53E-03	1.70E-03	1.70E-03	1.70E-03	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.96E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Pocahontas County	54075	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	3.40E-05	8.23E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Pocahontas County	54075	R	Ethylene Oxide	1.41E-04	1.41E-04	1.41E-04	1.67E-04	1.59E-04	1.69E-04	1.69E-04	1.69E-04	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	Formaldehyde	3.04E-01	3.04E-01	3.04E-01	3.09E-01	3.08E-01	3.11E-01	3.11E-01	3.11E-01	7.83E-04	4.40E-02	8.88E-03	4.45E-03	2.50E-01
West Virginia	Pocahontas County	54075	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.44E-08	0.00E+00	0.00E+00	9.30E-05
West Virginia	Pocahontas County	54075	R	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	4.26E-09	0.00E+00	0.00E+00	1.80E-03

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Pocahontas County	54075	R	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
West Virginia	Pocahontas County	54075	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	6.96E-10	5.84E-10	1.06E-09	1.06E-09	1.06E-09	0.00E+00	5.84E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	Lead Compounds	8.68E-06	8.68E-06	8.68E-06	2.15E-05	2.15E-05	3.43E-05	3.43E-05	3.43E-05	1.71E-06	5.90E-06	0.00E+00	1.39E-05	0.00E+00
West Virginia	Pocahontas County	54075	R	Manganese Compounds	3.52E-06	3.52E-06	3.52E-06	9.43E-05	6.75E-05	1.05E-04	1.05E-04	1.05E-04	3.11E-05	3.61E-05	2.80E-07	4.77E-08	0.00E+00
West Virginia	Pocahontas County	54075	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	2.79E-07	3.60E-07	1.79E-06	3.85E-07	1.50E-03
West Virginia	Pocahontas County	54075	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	6.47E-05	3.25E-03	0.00E+00	0.00E+00	1.50E-01
West Virginia	Pocahontas County	54075	R	Nickel Compounds	3.09E-06	3.09E-06	3.09E-06	6.48E-06	6.51E-06	9.98E-06	9.98E-06	9.98E-06	1.20E-06	4.57E-06	6.63E-07	7.78E-08	0.00E+00
West Virginia	Pocahontas County	54075	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.62E-04	5.85E-04	0.00E+00	0.00E+00	1.40E-01
West Virginia	Pocahontas County	54075	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	3.89E-04	3.88E-04	3.89E-04	3.89E-04	3.89E-04	0.00E+00	8.07E-06	0.00E+00	0.00E+00	3.80E-04
West Virginia	Pocahontas County	54075	R	Polycyclic Organic Matter	6.90E-03	6.90E-03	6.90E-03	7.89E-03	8.06E-03	9.40E-03	9.40E-03	9.40E-03	1.46E-08	7.65E-03	3.51E-04	5.92E-05	0.00E+00
West Virginia	Pocahontas County	54075	R	7-PAH	3.88E-04	3.88E-04	3.88E-04	4.35E-04	4.24E-04	4.48E-04	4.48E-04	4.48E-04	2.97E-10	4.20E-04	2.52E-06	8.60E-07	0.00E+00
West Virginia	Pocahontas County	54075	R	Propylene Dichloride	2.21E-06	2.21E-06	2.21E-06	2.47E-06	4.14E-06	7.75E-06	7.75E-06	7.75E-06	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	3.17E-09	2.63E-09	4.73E-09	4.73E-09	4.73E-09	0.00E+00	2.63E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	1,1,2,2-Tetrachloroethane	1.91E-05	1.91E-05	1.91E-05	2.21E-05	3.71E-05	7.01E-05	7.01E-05	7.01E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Pocahontas County	54075	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	6.83E-05	3.44E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Pocahontas County	54075	R	Vinyl Chloride	4.73E-05	4.73E-05	4.73E-05	5.44E-05	9.14E-05	1.73E-04	1.73E-04	1.73E-04	0.00E+00	9.14E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	Acetaldehyde	4.54E-02	4.54E-02	5.61E-02	6.64E-02	7.55E-02	7.99E-02	1.54E-01	1.54E-01	1.94E-04	1.09E-02	5.59E-02	8.54E-03	0.00E+00
West Virginia	Preston County	54077	R	Acrolein	1.93E-02	1.93E-02	2.08E-02	2.28E-02	2.28E-02	2.44E-02	2.69E-02	2.69E-02	1.04E-05	1.15E-02	9.72E-03	1.57E-03	0.00E+00
West Virginia	Preston County	54077	R	Acrylonitrile	7.31E-05	7.31E-05	7.79E-05	8.33E-05	8.76E-05	8.70E-05	1.31E-04	1.31E-04	0.00E+00	8.76E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	Arsenic Compounds	4.51E-05	4.51E-05	5.28E-05	7.66E-05	1.15E-04	1.33E-04	3.50E-04	3.50E-04	1.02E-04	2.34E-06	8.73E-06	1.73E-06	0.00E+00
West Virginia	Preston County	54077	R	Benzene	6.14E-01	6.14E-01	6.48E-01	6.80E-01	6.77E-01	6.97E-01	7.55E-01	7.55E-01	9.17E-06	8.43E-02	9.40E-02	1.92E-02	4.80E-01
West Virginia	Preston County	54077	R	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
West Virginia	Preston County	54077	R	Beryllium Compounds	3.63E-06	3.63E-06	4.21E-06	5.70E-06	8.83E-06	1.02E-05	2.69E-05	2.69E-05	7.82E-06	7.95E-07	0.00E+00	2.20E-07	0.00E+00
West Virginia	Preston County	54077	R	1,3-Butadiene	4.43E-03	4.43E-03	5.38E-03	5.65E-03	6.43E-03	5.95E-03	1.30E-02	1.30E-02	0.00E+00	2.07E-03	3.50E-03	8.53E-04	0.00E+00
West Virginia	Preston County	54077	R	Cadmium Compounds	1.23E-06	1.23E-06	1.79E-06	2.39E-06	2.19E-06	2.63E-06	2.72E-06	2.72E-06	5.39E-07	1.43E-06	0.00E+00	2.24E-07	0.00E+00
West Virginia	Preston County	54077	R	Carbon Disulfide	4.72E-02	4.72E-02	4.73E-02	4.73E-02	4.73E-02	4.74E-02	4.76E-02	4.76E-02	1.29E-05	3.28E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Preston County	54077	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.14E-06	8.53E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Preston County	54077	R	Chloroform	8.47E-02	8.47E-02	8.55E-02	8.59E-02	8.64E-02	8.77E-02	8.79E-02	8.79E-02	1.91E-05	3.35E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Preston County	54077	R	Chromium Compounds (includes Hexavalent)	1.26E-04	1.26E-04	1.46E-04	1.92E-04	4.67E-04	6.19E-04	1.70E-03	1.70E-03	3.91E-04	7.07E-05	5.43E-06	2.34E-07	0.00E+00
West Virginia	Preston County	54077	R	Chromium VI	4.44E-05	4.44E-05	5.59E-05	9.51E-05	1.09E-04	1.26E-04	2.74E-04	2.74E-04	5.54E-05	5.13E-05	2.17E-06	7.96E-08	0.00E+00
West Virginia	Preston County	54077	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	1,4-Dichlorobenzene	2.57E-03	2.57E-03	3.69E-03	4.56E-03	5.12E-03	7.23E-03	7.44E-03	7.44E-03	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	1,3-Dichloropropene	4.60E-03	4.60E-03	6.61E-03	8.20E-03	9.29E-03	1.33E-02	1.36E-02	1.36E-02	0.00E+00	9.29E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.00E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Preston County	54077	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.31E-06	9.46E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Preston County	54077	R	Ethylene Oxide	4.85E-04	4.85E-04	6.95E-04	7.87E-04	9.51E-04	1.32E-03	1.52E-03	1.52E-03	0.00E+00	9.51E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	Formaldehyde	3.37E-01	3.37E-01	3.46E-01	3.55E-01	3.62E-01	3.69E-01	4.19E-01	4.19E-01	2.10E-05	4.67E-02	5.17E-02	1.37E-02	2.50E-01
West Virginia	Preston County	54077	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.36E-05	9.36E-05	0.00E+00	3.58E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Preston County	54077	R	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	3.13E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Preston County	54077	R	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
West Virginia	Preston County	54077	R	Hydrazine	1.59E-09	1.59E-09	2.11E-09	3.23E-09	3.86E-09	4.85E-09	8.88E-09	8.88E-09	0.00E+00	3.86E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	Lead Compounds	7.98E-04	7.98E-04	4.46E-03	7.26E-03	2.99E-02	1.09E-02	1.93E-01	1.93E-01	8.45E-05	2.97E-02	0.00E+00	9.93E-05	0.00E+00
West Virginia	Preston County	54077	R	Manganese Compounds	9.83E-05	9.83E-05	1.08E-04	1.25E-04	3.90E-04	5.29E-04	1.49E-03	1.49E-03	3.51E-04	3.70E-05	1.69E-06	2.34E-07	0.00E+00
West Virginia	Preston County	54077	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	3.84E-06	3.29E-06	1.02E-05	1.70E-06	1.50E-03
West Virginia	Preston County	54077	R	Methylene Chloride	1.59E-01	1.59E-01	1.63E-01	1.66E-01	1.68E-01	1.72E-01	1.88E-01	1.88E-01	1.03E-05	1.84E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Preston County	54077	R	Nickel Compounds	2.73E-04	2.73E-04	1.13E-03	2.03E-03	7.17E-03	2.56E-03	4.56E-02	4.56E-02	2.43E-04	6.92E-03	4.11E-06	1.61E-06	0.00E+00
West Virginia	Preston County	54077	R	Perchloroethylene	1.44E-01	1.44E-01	1.46E-01	1.47E-01	1.49E-01	1.55E-01	1.57E-01	1.57E-01	5.76E-06	9.46E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Preston County	54077	R	Polychlorinated Biphenyls	4.07E-04	4.07E-04	4.08E-04	4.11E-04	4.20E-04	4.31E-04	4.50E-04	4.50E-04	0.00E+00	3.97E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Preston County	54077	R	Polycyclic Organic Matter	1.39E-02	1.39E-02	1.66E-02	1.76E-02	1.86E-02	2.12E-02	2.39E-02	2.39E-02	7.92E-06	1.62E-02	2.11E-03	2.73E-04	0.00E+00
West Virginia	Preston County	54077	R	7-PAH	5.26E-04	5.26E-04	5.52E-04	5.75E-04	6.00E-04	6.51E-04	7.21E-04	7.21E-04	1.31E-08	5.81E-04	1.54E-05	3.92E-06	0.00E+00
West Virginia	Preston County	54077	R	Propylene Dichloride	4.04E-06	4.04E-06	4.40E-06	4.70E-06	4.91E-06	5.03E-06	7.01E-06	7.01E-06	0.00E+00	4.91E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	Quinoline	2.42E-08	2.42E-08	3.11E-08	3.59E-08	3.65E-08	4.32E-08	4.75E-08	4.75E-08	0.00E+00	3.65E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	1,1,2,2-Tetrachloroethane	3.21E-05	3.21E-05	3.44E-05	3.76E-05	3.82E-05	3.98E-05	4.97E-05	4.97E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Preston County	54077	R	Trichloroethylene	8.16E-02	8.16E-02	8.18E-02	8.25E-02	8.29E-02	8.42E-02	8.47E-02	8.47E-02	2.96E-06	1.93E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Preston County	54077	R	Vinyl Chloride	7.98E-05	7.98E-05	8.52E-05	9.34E-05	9.49E-05	9.92E-05	1.24E-04	1.24E-04	0.00E+00	9.49E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	Acetaldehyde	2.50E-01	2.50E-01	3.01E-01	3.53E-01	3.59E-01	4.02E-01	4.85E-01	4.85E-01	1.42E-01	8.26E-03	1.55E-01	5.32E-02	0.00E+00
West Virginia	Putnam County	54079	U	Acrolein	3.22E-02	3.22E-02	3.53E-02	4.11E-02	4.19E-02	4.76E-02	5.29E-02	5.29E-02	8.07E-04	1.37E-02	2.24E-02	5.04E-03	0.00E+00
West Virginia	Putnam County	54079	U	Acrylonitrile	1.84E-04	1.84E-04	3.38E-04	4.30E-04	1.27E-03	1.65E-03	5.14E-03	5.14E-03	2.59E-04	1.01E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	Arsenic Compounds	2.38E-04	2.38E-04	4.60E-04	6.87E-04	2.30E-03	1.24E-03	1.35E-02	1.35E-02	2.23E-03	4.35E-05	1.88E-05	8.86E-06	0.00E+00
West Virginia	Putnam County	54079	U	Benzene	7.77E-01	7.77E-01	8.07E-01	8.87E-01	9.50E-01	1.07E+00	1.18E+00	1.18E+00	1.42E-05	1.48E-01	2.45E-01	7.68E-02	4.80E-01
West Virginia	Putnam County	54079	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
West Virginia	Putnam County	54079	U	Beryllium Compounds	1.26E-05	1.26E-05	2.39E-05	3.43E-05	1.17E-04	6.13E-05	6.83E-04	6.83E-04	1.14E-04	1.64E-06	0.00E+00	1.36E-06	0.00E+00
West Virginia	Putnam County	54079	U	1,3-Butadiene	6.92E-03	6.92E-03	9.43E-03	1.46E-02	1.93E-02	3.02E-02	3.83E-02	3.83E-02	9.46E-05	1.84E-03	1.07E-02	6.66E-03	0.00E+00
West Virginia	Putnam County	54079	U	Cadmium Compounds	1.59E-05	1.59E-05	3.80E-05	4.96E-05	8.67E-05	7.45E-05	2.37E-04	2.37E-04	3.73E-07	8.48E-05	0.00E+00	1.51E-06	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Putnam County	54079	U	Carbon Disulfide	4.81E-02	4.81E-02	5.01E-02	5.15E-02	5.39E-02	5.35E-02	6.55E-02	6.55E-02	9.77E-07	6.88E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Putnam County	54079	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	0.00E+00	2.55E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Putnam County	54079	U	Chloroform	9.00E-02	9.00E-02	9.06E-02	9.58E-02	9.70E-02	9.85E-02	1.13E-01	1.13E-01	3.03E-08	1.40E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Putnam County	54079	U	Chromium Compounds (includes Hexavalent)	4.71E-04	4.71E-04	8.25E-04	1.24E-03	3.89E-03	2.75E-03	2.20E-02	2.20E-02	3.54E-03	3.36E-04	1.41E-05	1.83E-06	0.00E+00
West Virginia	Putnam County	54079	U	Chromium VI	7.15E-05	7.15E-05	1.73E-04	2.50E-04	5.76E-04	5.84E-04	2.81E-03	2.81E-03	3.90E-04	1.80E-04	5.62E-06	6.23E-07	0.00E+00
West Virginia	Putnam County	54079	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
West Virginia	Putnam County	54079	U	1,4-Dichlorobenzene	6.78E-03	6.78E-03	7.52E-03	1.18E-02	1.35E-02	1.53E-02	2.77E-02	2.77E-02	5.54E-08	1.35E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	1,3-Dichloropropene	1.23E-02	1.23E-02	1.37E-02	2.17E-02	2.49E-02	2.83E-02	5.17E-02	5.17E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	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	4.48E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Putnam County	54079	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.15E-02	6.15E-02	5.06E-07	1.06E-04	0.00E+00	0.00E+00	6.10E-02
West Virginia	Putnam County	54079	U	Ethylene Oxide	2.98E-03	2.98E-03	5.23E-03	8.80E-03	9.49E-03	1.37E-02	1.65E-02	1.65E-02	6.78E-03	2.71E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	Formaldehyde	4.26E-01	4.26E-01	4.62E-01	5.02E-01	5.21E-01	5.90E-01	6.49E-01	6.49E-01	5.85E-05	5.90E-02	1.31E-01	8.14E-02	2.50E-01
West Virginia	Putnam County	54079	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	9.36E-05	9.41E-05	9.41E-05	0.00E+00	5.46E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Putnam County	54079	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	8.32E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Putnam County	54079	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
West Virginia	Putnam County	54079	U	Hydrazine	1.32E-11	1.32E-11	3.26E-11	7.88E-11	9.36E-11	1.45E-10	2.34E-10	2.34E-10	0.00E+00	9.36E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	Lead Compounds	4.49E-04	4.49E-04	8.00E-04	1.09E-03	2.70E-03	2.11E-03	1.41E-02	1.41E-02	2.27E-03	2.82E-04	0.00E+00	1.53E-04	0.00E+00
West Virginia	Putnam County	54079	U	Manganese Compounds	5.01E-04	5.01E-04	8.73E-04	1.46E-03	4.60E-03	2.39E-03	2.70E-02	2.70E-02	4.49E-03	9.66E-05	4.43E-06	2.46E-06	0.00E+00
West Virginia	Putnam County	54079	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.54E-03	1.56E-03	1.58E-03	1.58E-03	1.90E-08	1.55E-05	1.99E-05	9.02E-06	1.50E-03
West Virginia	Putnam County	54079	U	Methylene Chloride	1.70E-01	1.70E-01	1.77E-01	1.92E-01	2.03E-01	2.22E-01	2.56E-01	2.56E-01	2.00E-06	5.29E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Putnam County	54079	U	Nickel Compounds	5.57E-04	5.57E-04	9.65E-04	1.43E-03	4.60E-03	2.44E-03	2.68E-02	2.68E-02	4.43E-03	1.16E-04	1.05E-05	3.61E-05	0.00E+00
West Virginia	Putnam County	54079	U	Perchloroethylene	1.47E-01	1.47E-01	1.55E-01	1.60E-01	1.59E-01	1.64E-01	1.70E-01	1.70E-01	2.96E-07	1.88E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Putnam County	54079	U	Polychlorinated Biphenyls	4.08E-04	4.08E-04	4.13E-04	4.42E-04	4.46E-04	4.58E-04	5.13E-04	5.13E-04	0.00E+00	6.56E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Putnam County	54079	U	Polycyclic Organic Matter	2.53E-02	2.53E-02	2.87E-02	3.40E-02	3.57E-02	4.35E-02	4.76E-02	4.76E-02	4.24E-04	2.82E-02	5.53E-03	1.48E-03	0.00E+00
West Virginia	Putnam County	54079	U	7-PAH	5.56E-04	5.56E-04	6.12E-04	7.15E-04	7.56E-04	8.54E-04	1.03E-03	1.03E-03	6.31E-06	6.91E-04	3.70E-05	2.22E-05	0.00E+00
West Virginia	Putnam County	54079	U	Propylene Dichloride	6.60E-05	6.60E-05	7.56E-05	8.10E-05	1.18E-04	1.13E-04	3.08E-04	3.08E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	Quinoline	2.24E-07	2.24E-07	5.49E-07	1.05E-06	9.99E-07	1.55E-06	1.76E-06	1.76E-06	0.00E+00	9.99E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	1,1,2,2-Tetrachloroethane	7.77E-05	7.77E-05	1.47E-04	1.54E-04	4.42E-04	2.18E-04	2.17E-03	2.17E-03	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Putnam County	54079	U	Trichloroethylene	8.24E-02	8.24E-02	8.30E-02	8.40E-02	8.55E-02	8.82E-02	8.94E-02	8.94E-02	0.00E+00	4.50E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Putnam County	54079	U	Vinyl Chloride	2.04E-04	2.04E-04	3.83E-04	4.02E-04	1.21E-03	5.70E-04	6.20E-03	6.20E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	Acetaldehyde	8.35E-02	8.83E-02	1.05E-01	1.80E-01	1.64E-01	2.06E-01	2.42E-01	2.56E-01	2.26E-06	1.72E-02	1.35E-01	1.16E-02	0.00E+00
West Virginia	Raleigh County	54081	R	Acrolein	2.25E-02	2.27E-02	2.51E-02	3.51E-02	3.44E-02	4.01E-02	4.86E-02	4.99E-02	4.27E-07	1.18E-02	2.03E-02	2.23E-03	0.00E+00
West Virginia	Raleigh County	54081	R	Acrylonitrile	7.39E-05	1.67E-04	2.15E-04	4.27E-04	7.38E-04	6.25E-04	1.26E-03	5.40E-03	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	Arsenic Compounds	3.77E-05	4.22E-05	5.46E-05	6.33E-05	6.38E-05	7.38E-05	8.44E-05	9.14E-05	7.09E-07	3.34E-05	2.61E-05	3.64E-06	0.00E+00
West Virginia	Raleigh County	54081	R	Benzene	6.43E-01	6.78E-01	7.34E-01	9.22E-01	9.35E-01	1.11E+00	1.29E+00	1.33E+00	2.63E-06	1.21E-01	3.00E-01	3.39E-02	4.80E-01
West Virginia	Raleigh County	54081	R	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
West Virginia	Raleigh County	54081	R	Beryllium Compounds	4.41E-06	4.60E-06	6.10E-06	6.59E-06	7.15E-06	7.69E-06	9.56E-06	1.37E-05	4.04E-08	6.90E-06	0.00E+00	2.09E-07	0.00E+00
West Virginia	Raleigh County	54081	R	1,3-Butadiene	5.98E-03	7.49E-03	9.85E-03	2.35E-02	2.55E-02	3.95E-02	4.69E-02	5.21E-02	0.00E+00	1.97E-03	2.05E-02	3.04E-03	0.00E+00
West Virginia	Raleigh County	54081	R	Cadmium Compounds	1.45E-06	1.66E-06	1.83E-06	2.14E-06	2.50E-06	2.92E-06	4.85E-06	4.85E-06	9.94E-08	2.20E-06	0.00E+00	2.08E-07	0.00E+00
West Virginia	Raleigh County	54081	R	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.75E-02	4.78E-02	4.81E-02	4.88E-02	4.98E-02	2.82E-07	7.91E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Raleigh County	54081	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	2.68E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Raleigh County	54081	R	Chloroform	8.50E-02	8.58E-02	8.80E-02	9.06E-02	9.28E-02	9.66E-02	1.08E-01	1.08E-01	0.00E+00	9.84E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Raleigh County	54081	R	Chromium Compounds (includes Hexavalent)	2.77E-05	2.93E-05	3.77E-05	4.35E-05	4.47E-05	5.33E-05	5.64E-05	6.09E-05	2.61E-06	2.37E-05	1.79E-05	4.74E-07	0.00E+00
West Virginia	Raleigh County	54081	R	Chromium VI	4.19E-06	5.34E-06	6.21E-06	1.07E-05	1.08E-05	1.50E-05	1.85E-05	1.97E-05	2.76E-07	3.24E-06	7.16E-06	1.61E-07	0.00E+00
West Virginia	Raleigh County	54081	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	1,4-Dichlorobenzene	3.35E-03	4.20E-03	7.23E-03	1.19E-02	1.45E-02	2.02E-02	3.33E-02	3.65E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	1,3-Dichloropropene	6.03E-03	7.66E-03	1.34E-02	2.24E-02	2.72E-02	3.81E-02	6.30E-02	6.94E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.78E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Raleigh County	54081	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.16E-02	8.67E-08	8.28E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Raleigh County	54081	R	Ethylene Oxide	6.91E-04	8.63E-04	1.59E-03	2.45E-03	3.75E-03	4.80E-03	9.56E-03	1.03E-02	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	Formaldehyde	3.71E-01	3.84E-01	3.94E-01	4.88E-01	4.75E-01	5.47E-01	5.57E-01	5.73E-01	4.42E-07	5.33E-02	1.47E-01	2.43E-02	2.50E-01
West Virginia	Raleigh County	54081	R	Hexachlorobenzene	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.41E-05	9.46E-05	9.57E-05	9.62E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	9.30E-05
West Virginia	Raleigh County	54081	R	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	1.12E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Raleigh County	54081	R	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
West Virginia	Raleigh County	54081	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-14	0.00E+00	9.55E-14	2.09E-13	0.00E+00	1.90E-14	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	Lead Compounds	5.62E-05	6.26E-05	7.31E-05	8.86E-05	1.20E-04	1.52E-04	2.39E-04	2.91E-04	1.80E-05	8.70E-05	0.00E+00	1.48E-05	0.00E+00
West Virginia	Raleigh County	54081	R	Manganese Compounds	3.39E-05	5.54E-05	6.87E-05	7.39E-05	7.77E-05	8.14E-05	1.21E-04	1.21E-04	4.22E-06	6.72E-05	5.80E-06	3.92E-07	0.00E+00
West Virginia	Raleigh County	54081	R	Mercury Compounds	1.51E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.56E-03	1.58E-03	1.58E-03	1.53E-07	8.85E-06	2.86E-05	3.13E-06	1.50E-03
West Virginia	Raleigh County	54081	R	Methylene Chloride	1.60E-01	1.63E-01	1.79E-01	1.89E-01	2.17E-01	2.34E-01	3.29E-01	3.79E-01	5.59E-07	6.68E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Raleigh County	54081	R	Nickel Compounds	3.45E-05	4.82E-05	5.73E-05	6.49E-05	7.41E-05	8.59E-05	1.24E-04	1.53E-04	2.68E-06	5.71E-05	1.35E-05	8.37E-07	0.00E+00
West Virginia	Raleigh County	54081	R	Perchloroethylene	1.44E-01	1.46E-01	1.48E-01	1.62E-01	1.60E-01	1.70E-01	1.80E-01	1.81E-01	8.29E-08	2.05E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Raleigh County	54081	R	Polychlorinated Biphenyls	4.03E-04	4.13E-04	4.29E-04	4.59E-04	5.11E-04	5.72E-04	7.14E-04	7.74E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Raleigh County	54081	R	Polycyclic Organic Matter	1.09E-02	1.55E-02	1.94E-02	2.76E-02	3.05E-02	3.84E-02	5.56E-02	5.81E-02	3.92E-08	2.31E-02	6.90E-03	4.90E-04	0.00E+00
West Virginia	Raleigh County	54081	R	7-PAH	4.99E-04	5.11E-04	5.80E-04	7.66E-04	9.59E-04	1.25E-03	1.89E-03	2.15E-03	7.96E-10	9.05E-04	4.87E-05	5.42E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Raleigh County	54081	R	Propylene Dichloride	4.22E-06	8.97E-06	1.25E-05	2.37E-05	4.28E-05	3.60E-05	7.44E-05	3.26E-04	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-12	0.00E+00	5.64E-12	1.27E-11	0.00E+00	1.15E-12	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	1,1,2,2-Tetrachloroethane	3.65E-05	7.19E-05	1.11E-04	1.77E-04	3.75E-04	2.85E-04	6.64E-04	2.98E-03	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Raleigh County	54081	R	Trichloroethylene	8.17E-02	8.20E-02	8.34E-02	8.48E-02	8.78E-02	8.96E-02	9.64E-02	1.06E-01	0.00E+00	6.79E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Raleigh County	54081	R	Vinyl Chloride	8.98E-05	1.77E-04	2.73E-04	4.38E-04	9.24E-04	7.04E-04	1.64E-03	7.33E-03	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	Acetaldehyde	3.04E-02	3.04E-02	3.09E-02	5.44E-02	6.79E-02	9.29E-02	1.61E-01	1.61E-01	0.00E+00	1.39E-02	4.64E-02	7.57E-03	0.00E+00
West Virginia	Randolph County	54083	R	Acrolein	1.67E-02	1.67E-02	1.92E-02	2.34E-02	2.67E-02	3.31E-02	4.50E-02	4.50E-02	0.00E+00	1.83E-02	7.11E-03	1.33E-03	0.00E+00
West Virginia	Randolph County	54083	R	Acrylonitrile	1.30E-05	1.30E-05	1.86E-05	4.75E-05	6.69E-05	8.07E-05	2.10E-04	2.10E-04	0.00E+00	6.69E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	Arsenic Compounds	4.20E-06	4.20E-06	4.24E-06	1.22E-05	1.84E-05	2.34E-05	6.00E-05	6.00E-05	0.00E+00	5.26E-06	1.10E-05	2.14E-06	0.00E+00
West Virginia	Randolph County	54083	R	Benzene	5.84E-01	5.84E-01	5.88E-01	7.41E-01	9.09E-01	9.21E-01	2.12E+00	2.12E+00	0.00E+00	2.79E-01	1.26E-01	2.41E-02	4.80E-01
West Virginia	Randolph County	54083	R	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
West Virginia	Randolph County	54083	R	Beryllium Compounds	2.06E-07	2.06E-07	2.07E-07	6.20E-07	1.01E-06	1.08E-06	3.94E-06	3.94E-06	0.00E+00	9.91E-07	0.00E+00	1.96E-08	0.00E+00
West Virginia	Randolph County	54083	R	1,3-Butadiene	4.72E-03	4.72E-03	5.06E-03	1.18E-02	1.70E-02	2.07E-02	5.81E-02	5.81E-02	0.00E+00	4.55E-03	1.03E-02	2.17E-03	0.00E+00
West Virginia	Randolph County	54083	R	Cadmium Compounds	5.37E-07	5.37E-07	6.31E-07	1.89E-06	2.64E-06	3.48E-06	7.94E-06	7.94E-06	0.00E+00	2.62E-06	0.00E+00	1.94E-08	0.00E+00
West Virginia	Randolph County	54083	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.74E-02	4.74E-02	4.89E-02	4.89E-02	0.00E+00	4.12E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Randolph County	54083	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	1.36E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Randolph County	54083	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.39E-02	8.40E-02	8.64E-02	8.64E-02	0.00E+00	9.31E-04	0.00E+00	0.00E+00	8.30E-02
West Virginia	Randolph County	54083	R	Chromium Compounds (includes Hexavalent)	2.53E-06	2.53E-06	3.03E-06	8.85E-06	1.33E-05	1.78E-05	3.94E-05	3.94E-05	0.00E+00	5.97E-06	7.05E-06	2.63E-07	0.00E+00
West Virginia	Randolph County	54083	R	Chromium VI	1.02E-06	1.02E-06	1.27E-06	3.77E-06	5.87E-06	8.04E-06	1.71E-05	1.71E-05	0.00E+00	3.01E-06	2.77E-06	8.96E-08	0.00E+00
West Virginia	Randolph County	54083	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	1,4-Dichlorobenzene	1.36E-03	1.36E-03	1.55E-03	5.24E-03	8.15E-03	1.01E-02	3.02E-02	3.02E-02	0.00E+00	8.15E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	1,3-Dichloropropene	2.44E-03	2.44E-03	2.78E-03	9.80E-03	1.54E-02	1.91E-02	5.76E-02	5.76E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.98E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Randolph County	54083	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	4.88E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Randolph County	54083	R	Ethylene Oxide	2.70E-04	2.70E-04	3.12E-04	1.19E-03	2.04E-03	2.23E-03	8.52E-03	8.52E-03	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	Formaldehyde	3.27E-01	3.27E-01	3.37E-01	3.76E-01	4.04E-01	4.48E-01	5.77E-01	5.77E-01	0.00E+00	8.22E-02	5.73E-02	1.40E-02	2.50E-01
West Virginia	Randolph County	54083	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.37E-05	9.39E-05	9.63E-05	9.63E-05	0.00E+00	7.29E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Randolph County	54083	R	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	6.38E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Randolph County	54083	R	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
West Virginia	Randolph County	54083	R	Hydrazine	1.24E-11	1.24E-11	1.57E-11	3.04E-11	7.40E-11	3.57E-11	3.63E-10	3.63E-10	0.00E+00	7.40E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	Lead Compounds	4.09E-06	4.09E-06	9.86E-06	1.01E-04	2.70E-04	6.27E-04	7.34E-04	7.34E-04	0.00E+00	4.28E-05	0.00E+00	2.27E-04	0.00E+00
West Virginia	Randolph County	54083	R	Manganese Compounds	1.09E-05	1.09E-05	4.06E-05	1.48E-04	2.47E-04	4.26E-04	7.08E-04	7.08E-04	0.00E+00	2.45E-04	2.39E-06	2.21E-07	0.00E+00
West Virginia	Randolph County	54083	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.56E-03	1.56E-03	0.00E+00	3.38E-06	1.24E-05	1.70E-06	1.50E-03
West Virginia	Randolph County	54083	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.66E-01	1.88E-01	1.86E-01	3.32E-01	3.32E-01	0.00E+00	3.83E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Randolph County	54083	R	Nickel Compounds	6.54E-06	6.54E-06	7.03E-06	2.05E-05	4.31E-05	5.40E-05	1.64E-04	1.64E-04	0.00E+00	3.74E-05	5.36E-06	3.72E-07	0.00E+00
West Virginia	Randolph County	54083	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.49E-01	1.54E-01	1.66E-01	1.82E-01	1.82E-01	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Randolph County	54083	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.93E-04	4.15E-04	4.64E-04	4.82E-04	7.62E-04	7.62E-04	0.00E+00	8.45E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Randolph County	54083	R	Polycyclic Organic Matter	1.23E-02	1.23E-02	1.44E-02	3.76E-02	4.74E-02	5.96E-02	1.47E-01	1.47E-01	0.00E+00	4.42E-02	2.85E-03	3.25E-04	0.00E+00
West Virginia	Randolph County	54083	R	7-PAH	5.10E-04	5.10E-04	5.71E-04	7.38E-04	9.98E-04	1.21E-03	2.50E-03	2.50E-03	0.00E+00	9.75E-04	1.96E-05	3.27E-06	0.00E+00
West Virginia	Randolph County	54083	R	Propylene Dichloride	7.31E-07	7.31E-07	9.94E-07	2.46E-06	2.98E-06	3.75E-06	7.57E-06	7.57E-06	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	Quinoline	6.73E-10	6.73E-10	7.71E-10	1.34E-09	2.62E-09	1.71E-09	1.13E-08	1.13E-08	0.00E+00	2.62E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	1,1,2,2-Tetrachloroethane	4.46E-06	4.46E-06	7.83E-06	1.88E-05	1.75E-05	2.42E-05	2.64E-05	2.64E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Randolph County	54083	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.25E-02	8.54E-02	8.56E-02	1.02E-01	1.02E-01	0.00E+00	4.35E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Randolph County	54083	R	Vinyl Chloride	1.14E-05	1.14E-05	1.93E-05	4.65E-05	4.34E-05	6.05E-05	6.51E-05	6.51E-05	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	Acetaldehyde	5.79E-02	5.79E-02	5.79E-02	5.84E-02	6.00E-02	6.36E-02	6.36E-02	6.36E-02	9.89E-06	1.59E-02	3.26E-02	1.14E-02	0.00E+00
West Virginia	Ritchie County	54085	R	Acrolein	1.94E-02	1.94E-02	1.94E-02	1.94E-02	2.08E-02	2.36E-02	2.36E-02	2.36E-02	3.77E-04	1.43E-02	4.96E-03	1.20E-03	0.00E+00
West Virginia	Ritchie County	54085	R	Acrylonitrile	1.37E-04	1.37E-04	1.37E-04	1.51E-04	6.59E-04	1.69E-03	1.69E-03	1.69E-03	5.96E-04	6.27E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	Arsenic Compounds	1.71E-05	1.71E-05	1.71E-05	3.13E-05	2.74E-05	3.36E-05	3.36E-05	3.36E-05	2.02E-05	1.23E-06	4.24E-06	1.67E-06	0.00E+00
West Virginia	Ritchie County	54085	R	Benzene	6.12E-01	6.12E-01	6.12E-01	6.35E-01	6.36E-01	6.60E-01	6.60E-01	6.60E-01	3.24E-04	9.52E-02	4.82E-02	1.20E-02	4.80E-01
West Virginia	Ritchie County	54085	R	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
West Virginia	Ritchie County	54085	R	Beryllium Compounds	8.47E-07	8.47E-07	8.47E-07	1.57E-06	1.39E-06	1.76E-06	1.76E-06	1.76E-06	1.01E-06	3.36E-07	0.00E+00	4.48E-08	0.00E+00
West Virginia	Ritchie County	54085	R	1,3-Butadiene	4.16E-03	4.16E-03	4.16E-03	4.21E-03	5.26E-03	7.42E-03	7.42E-03	7.42E-03	1.53E-05	3.13E-03	1.71E-03	4.06E-04	0.00E+00
West Virginia	Ritchie County	54085	R	Cadmium Compounds	1.50E-06	1.50E-06	1.50E-06	1.52E-06	1.69E-06	2.06E-06	2.06E-06	2.06E-06	9.30E-07	6.20E-07	0.00E+00	1.43E-07	0.00E+00
West Virginia	Ritchie County	54085	R	Carbon Disulfide	4.77E-02	4.77E-02	4.77E-02	4.77E-02	4.78E-02	4.81E-02	4.81E-02	4.81E-02	1.69E-04	6.45E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Ritchie County	54085	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.48E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Ritchie County	54085	R	Chloroform	8.41E-02	8.41E-02	8.41E-02	8.41E-02	8.41E-02	8.42E-02	8.42E-02	8.42E-02	9.15E-06	1.14E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Ritchie County	54085	R	Chromium Compounds (includes Hexavalent)	2.69E-03	2.69E-03	2.69E-03	3.45E-03	3.34E-03	3.88E-03	3.88E-03	3.88E-03	3.29E-03	4.69E-05	2.63E-06	5.10E-07	0.00E+00
West Virginia	Ritchie County	54085	R	Chromium VI	8.46E-05	8.46E-05	8.46E-05	1.16E-04	1.10E-04	1.29E-04	1.29E-04	1.29E-04	1.07E-04	1.81E-06	1.05E-06	1.73E-07	0.00E+00
West Virginia	Ritchie County	54085	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	1,4-Dichlorobenzene	2.19E-03	2.19E-03	2.19E-03	3.01E-03	2.84E-03	3.32E-03	3.32E-03	3.32E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	1,3-Dichloropropene	3.85E-03	3.85E-03	3.85E-03	5.37E-03	5.08E-03	6.01E-03	6.01E-03	6.01E-03	0.00E+00	5.08E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.76E-03	7.88E-03	7.88E-03	7.88E-03	5.85E-05	9.45E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Ritchie County	54085	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.10E-07	7.31E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Ritchie County	54085	R	Ethylene Oxide	4.18E-04	4.18E-04	4.18E-04	5.53E-04	5.35E-04	6.33E-04	6.33E-04	6.33E-04	7.48E-07	5.34E-04	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Ritchie County	54085	R	Formaldehyde	3.55E-01	3.55E-01	3.55E-01	3.65E-01	3.65E-01	3.74E-01	3.74E-01	3.74E-01	3.49E-03	6.29E-02	2.98E-02	1.85E-02	2.50E-01
West Virginia	Ritchie County	54085	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.23E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Ritchie County	54085	R	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-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Ritchie County	54085	R	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
West Virginia	Ritchie County	54085	R	Hydrazine	2.59E-09	2.59E-09	2.59E-09	3.03E-09	5.43E-07	1.62E-06	1.62E-06	1.62E-06	5.40E-07	3.28E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	Lead Compounds	1.89E-04	1.89E-04	1.89E-04	2.23E-04	2.19E-04	2.46E-04	2.46E-04	2.46E-04	1.06E-05	1.59E-04	0.00E+00	4.97E-05	0.00E+00
West Virginia	Ritchie County	54085	R	Manganese Compounds	2.73E-02	2.73E-02	2.73E-02	3.42E-02	3.32E-02	3.80E-02	3.80E-02	3.80E-02	3.25E-02	6.12E-04	8.20E-07	1.17E-06	0.00E+00
West Virginia	Ritchie County	54085	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	6.67E-07	1.19E-06	4.87E-06	1.69E-06	1.50E-03
West Virginia	Ritchie County	54085	R	Methylene Chloride	1.59E-01	1.59E-01	1.59E-01	1.62E-01	1.61E-01	1.63E-01	1.63E-01	1.63E-01	5.73E-04	1.06E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Ritchie County	54085	R	Nickel Compounds	5.20E-05	5.20E-05	5.20E-05	1.09E-04	9.93E-05	1.37E-04	1.37E-04	1.37E-04	5.73E-05	1.73E-05	2.02E-06	2.26E-05	0.00E+00
West Virginia	Ritchie County	54085	R	Perchloroethylene	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.47E-01	1.47E-01	1.47E-01	8.13E-07	6.29E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Ritchie County	54085	R	Polychlorinated Biphenyls	3.95E-04	3.95E-04	3.95E-04	4.06E-04	4.04E-04	4.10E-04	4.10E-04	4.10E-04	0.00E+00	2.39E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Ritchie County	54085	R	Polycyclic Organic Matter	8.69E-03	8.69E-03	8.69E-03	1.08E-02	1.63E-02	2.95E-02	2.95E-02	2.95E-02	6.64E-03	8.37E-03	1.09E-03	2.45E-04	0.00E+00
West Virginia	Ritchie County	54085	R	7-PAH	4.86E-04	4.86E-04	4.86E-04	6.27E-04	6.17E-04	7.39E-04	7.39E-04	7.39E-04	2.50E-05	5.80E-04	7.42E-06	5.06E-06	0.00E+00
West Virginia	Ritchie County	54085	R	Propylene Dichloride	3.13E-06	3.13E-06	3.13E-06	3.16E-06	3.84E-06	5.22E-06	5.22E-06	5.22E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	Quinoline	1.89E-08	1.89E-08	1.89E-08	3.74E-08	8.01E-08	1.84E-07	1.84E-07	1.84E-07	0.00E+00	8.01E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	1,1,2,2-Tetrachloroethane	2.36E-05	2.36E-05	2.36E-05	2.39E-05	2.51E-05	2.79E-05	2.79E-05	2.79E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Ritchie County	54085	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.20E-02	8.19E-02	8.21E-02	8.21E-02	8.21E-02	0.00E+00	8.90E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Ritchie County	54085	R	Vinyl Chloride	5.07E-05	5.07E-05	5.07E-05	5.94E-05	5.73E-05	6.16E-05	6.16E-05	6.16E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	Acetaldehyde	6.25E-02	6.25E-02	6.41E-02	8.43E-02	9.13E-02	1.19E-01	1.34E-01	1.34E-01	3.99E-05	1.56E-02	6.81E-02	7.61E-03	0.00E+00
West Virginia	Roane County	54087	R	Acrolein	2.09E-02	2.09E-02	2.31E-02	2.55E-02	2.48E-02	2.65E-02	2.71E-02	2.71E-02	8.50E-05	1.44E-02	8.99E-03	1.27E-03	0.00E+00
West Virginia	Roane County	54087	R	Acrylonitrile	2.75E-05	2.75E-05	4.67E-05	8.38E-05	7.86E-05	1.10E-04	1.19E-04	1.19E-04	9.03E-06	6.96E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	Arsenic Compounds	8.00E-06	8.00E-06	1.11E-05	1.48E-05	4.74E-05	8.38E-05	1.52E-04	1.52E-04	2.38E-05	1.38E-05	7.87E-06	1.91E-06	0.00E+00
West Virginia	Roane County	54087	R	Benzene	7.10E-01	7.10E-01	7.13E-01	7.26E-01	8.33E-01	9.52E-01	1.17E+00	1.17E+00	2.32E-06	2.52E-01	8.86E-02	1.19E-02	4.80E-01
West Virginia	Roane County	54087	R	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
West Virginia	Roane County	54087	R	Beryllium Compounds	3.39E-07	3.39E-07	4.30E-07	1.00E-06	2.02E-06	3.60E-06	5.72E-06	5.72E-06	1.24E-06	7.17E-07	0.00E+00	5.73E-08	0.00E+00
West Virginia	Roane County	54087	R	1,3-Butadiene	4.38E-03	4.38E-03	4.43E-03	6.46E-03	6.55E-03	8.67E-03	8.91E-03	8.91E-03	3.04E-06	2.73E-03	3.10E-03	7.16E-04	0.00E+00
West Virginia	Roane County	54087	R	Cadmium Compounds	7.06E-07	7.06E-07	8.72E-07	1.76E-06	3.29E-06	5.70E-06	8.93E-06	8.93E-06	4.49E-08	3.17E-06	0.00E+00	7.43E-08	0.00E+00
West Virginia	Roane County	54087	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.75E-02	4.74E-02	4.78E-02	4.78E-02	4.78E-02	1.07E-07	4.49E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Roane County	54087	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.21E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Roane County	54087	R	Chloroform	8.48E-02	8.48E-02	8.51E-02	8.58E-02	8.64E-02	8.76E-02	8.90E-02	8.90E-02	1.05E-08	3.35E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Roane County	54087	R	Chromium Compounds (includes Hexavalent)	7.19E-06	7.19E-06	8.05E-06	9.72E-06	5.65E-05	1.05E-04	1.99E-04	1.99E-04	4.22E-05	8.93E-06	5.15E-06	2.24E-07	0.00E+00
West Virginia	Roane County	54087	R	Chromium VI	1.91E-06	1.91E-06	2.72E-06	3.59E-06	1.15E-05	2.03E-05	3.69E-05	3.69E-05	4.52E-06	4.85E-06	2.04E-06	7.61E-08	0.00E+00
West Virginia	Roane County	54087	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	1,4-Dichlorobenzene	2.86E-03	2.86E-03	3.28E-03	3.81E-03	4.94E-03	6.61E-03	9.30E-03	9.30E-03	1.90E-08	4.94E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	1,3-Dichloropropene	5.05E-03	5.05E-03	5.89E-03	6.78E-03	9.01E-03	1.21E-02	1.74E-02	1.74E-02	0.00E+00	9.01E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.19E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Roane County	54087	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.00E-07	5.21E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Roane County	54087	R	Ethylene Oxide	5.82E-04	5.82E-04	6.87E-04	1.47E-03	1.74E-03	2.78E-03	3.42E-03	3.42E-03	6.40E-04	1.10E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	Formaldehyde	3.57E-01	3.57E-01	3.70E-01	3.88E-01	3.90E-01	4.10E-01	4.27E-01	4.27E-01	6.86E-06	6.29E-02	6.26E-02	1.46E-02	2.50E-01
West Virginia	Roane County	54087	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.38E-05	9.42E-05	9.42E-05	0.00E+00	4.90E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Roane County	54087	R	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	4.57E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Roane County	54087	R	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
West Virginia	Roane County	54087	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	7.89E-12	8.40E-12	1.68E-11	1.78E-11	1.78E-11	0.00E+00	8.40E-12	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	Lead Compounds	5.19E-06	5.19E-06	7.43E-06	5.72E-05	1.24E-04	2.41E-04	3.77E-04	3.77E-04	3.16E-05	2.27E-05	0.00E+00	6.98E-05	0.00E+00
West Virginia	Roane County	54087	R	Manganese Compounds	2.36E-05	2.36E-05	2.46E-05	3.65E-05	8.30E-05	1.41E-04	2.35E-04	2.35E-04	5.87E-05	2.24E-05	1.57E-06	3.64E-07	0.00E+00
West Virginia	Roane County	54087	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	5.07E-09	3.88E-06	9.00E-06	1.71E-06	1.50E-03
West Virginia	Roane County	54087	R	Methylene Chloride	1.58E-01	1.58E-01	1.61E-01	1.66E-01	1.75E-01	1.89E-01	2.10E-01	2.10E-01	2.21E-07	2.50E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Roane County	54087	R	Nickel Compounds	1.32E-05	1.32E-05	2.30E-05	6.71E-05	9.00E-05	1.57E-04	2.12E-04	2.12E-04	4.73E-05	3.44E-05	3.85E-06	4.40E-06	0.00E+00
West Virginia	Roane County	54087	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.47E-01	1.52E-01	1.60E-01	1.70E-01	1.70E-01	3.28E-08	1.16E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Roane County	54087	R	Polychlorinated Biphenyls	3.99E-04	3.99E-04	4.00E-04	4.11E-04	4.36E-04	4.72E-04	5.24E-04	5.24E-04	0.00E+00	5.60E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Roane County	54087	R	Polycyclic Organic Matter	1.45E-02	1.45E-02	1.57E-02	1.75E-02	1.93E-02	2.30E-02	2.78E-02	2.78E-02	3.10E-04	1.67E-02	2.02E-03	3.02E-04	0.00E+00
West Virginia	Roane County	54087	R	7-PAH	5.18E-04	5.18E-04	5.31E-04	5.95E-04	7.31E-04	9.32E-04	1.22E-03	1.22E-03	7.59E-06	7.06E-04	1.45E-05	3.03E-06	0.00E+00
West Virginia	Roane County	54087	R	Propylene Dichloride	1.11E-06	1.11E-06	1.84E-06	3.38E-06	3.09E-06	4.34E-06	4.50E-06	4.50E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	Quinoline	0.00E+00	0.00E+00	3.81E-10	7.79E-10	8.70E-08	1.74E-07	3.47E-07	3.47E-07	0.00E+00	8.70E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	1,1,2,2-Tetrachloroethane	5.14E-06	5.14E-06	1.30E-05	2.14E-05	2.14E-05	2.99E-05	3.79E-05	3.79E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Roane County	54087	R	Trichloroethylene	8.16E-02	8.16E-02	8.18E-02	8.21E-02	8.29E-02	8.39E-02	8.56E-02	8.56E-02	0.00E+00	1.85E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Roane County	54087	R	Vinyl Chloride	1.28E-05	1.28E-05	3.23E-05	5.46E-05	5.54E-05	7.85E-05	9.95E-05	9.95E-05	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	Acetaldehyde	6.02E-02	6.02E-02	6.31E-02	7.16E-02	8.15E-02	9.99E-02	1.23E-01	1.23E-01	8.99E-07	1.15E-02	6.31E-02	6.95E-03	0.00E+00
West Virginia	Summers County	54089	R	Acrolein	2.16E-02	2.16E-02	2.18E-02	2.46E-02	2.55E-02	2.92E-02	3.13E-02	3.13E-02	2.67E-07	1.26E-02	1.10E-02	1.90E-03	0.00E+00
West Virginia	Summers County	54089	R	Acrylonitrile	2.74E-04	2.74E-04	2.90E-04	8.71E-04	1.43E-03	2.56E-03	3.69E-03	3.69E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	Arsenic Compounds	1.11E-05	1.11E-05	1.73E-05	3.28E-05	3.28E-05	4.83E-05	5.44E-05	5.44E-05	3.24E-07	2.18E-05	9.31E-06	1.31E-06	0.00E+00
West Virginia	Summers County	54089	R	Benzene	6.48E-01	6.48E-01	6.49E-01	6.88E-01	7.10E-01	7.71E-01	8.15E-01	8.15E-01	1.23E-06	9.39E-02	1.05E-01	3.04E-02	4.80E-01
West Virginia	Summers County	54089	R	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

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Summers County	54089	R	Beryllium Compounds	1.20E-06	1.20E-06	1.76E-06	6.29E-06	6.23E-06	1.07E-05	1.11E-05	1.11E-05	2.14E-08	5.07E-06	0.00E+00	1.14E-06	0.00E+00
West Virginia	Summers County	54089	R	1,3-Butadiene	4.12E-03	4.12E-03	4.25E-03	6.89E-03	7.72E-03	1.12E-02	1.30E-02	1.30E-02	0.00E+00	2.35E-03	3.37E-03	2.00E-03	0.00E+00
West Virginia	Summers County	54089	R	Cadmium Compounds	1.67E-06	1.67E-06	1.68E-06	1.85E-06	2.64E-06	3.59E-06	5.16E-06	5.16E-06	5.30E-08	1.45E-06	0.00E+00	1.14E-06	0.00E+00
West Virginia	Summers County	54089	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.73E-02	4.76E-02	4.80E-02	4.86E-02	4.86E-02	1.53E-07	5.91E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Summers County	54089	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.40E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Summers County	54089	R	Chloroform	8.55E-02	8.55E-02	8.55E-02	8.56E-02	8.72E-02	8.89E-02	9.21E-02	9.21E-02	0.00E+00	4.18E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Summers County	54089	R	Chromium Compounds (includes Hexavalent)	9.33E-06	9.33E-06	1.32E-05	2.49E-05	2.52E-05	3.72E-05	4.19E-05	4.19E-05	2.69E-06	1.58E-05	6.17E-06	5.42E-07	0.00E+00
West Virginia	Summers County	54089	R	Chromium VI	3.09E-06	3.09E-06	3.31E-06	4.10E-06	4.13E-06	4.96E-06	5.24E-06	5.24E-06	3.91E-07	1.13E-06	2.42E-06	1.84E-07	0.00E+00
West Virginia	Summers County	54089	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	1,4-Dichlorobenzene	3.32E-03	3.32E-03	3.32E-03	3.55E-03	5.45E-03	7.58E-03	1.14E-02	1.14E-02	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	1,3-Dichloropropene	5.72E-03	5.72E-03	5.82E-03	6.32E-03	9.76E-03	1.37E-02	2.07E-02	2.07E-02	0.00E+00	9.76E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.87E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Summers County	54089	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.13E-02	6.14E-02	6.14E-02	4.72E-08	1.69E-04	0.00E+00	0.00E+00	6.10E-02
West Virginia	Summers County	54089	R	Ethylene Oxide	6.61E-04	6.61E-04	6.72E-04	7.50E-04	1.17E-03	1.68E-03	2.54E-03	2.54E-03	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	Formaldehyde	3.53E-01	3.53E-01	3.60E-01	3.76E-01	3.79E-01	3.99E-01	4.13E-01	4.13E-01	2.54E-07	5.15E-02	6.42E-02	1.37E-02	2.50E-01
West Virginia	Summers County	54089	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.37E-05	9.41E-05	9.41E-05	0.00E+00	4.28E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Summers County	54089	R	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	5.95E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Summers County	54089	R	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
West Virginia	Summers County	54089	R	Hydrazine	1.33E-13	1.33E-13	9.14E-13	2.22E-12	1.76E-10	3.51E-10	6.99E-10	6.99E-10	0.00E+00	1.76E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	Lead Compounds	3.10E-05	3.10E-05	3.60E-05	5.16E-05	8.14E-05	1.27E-04	1.92E-04	1.92E-04	4.25E-06	5.57E-05	0.00E+00	2.15E-05	0.00E+00
West Virginia	Summers County	54089	R	Manganese Compounds	3.29E-05	3.29E-05	3.74E-05	4.70E-05	5.03E-05	6.33E-05	7.43E-05	7.43E-05	4.11E-06	4.41E-05	1.85E-06	2.52E-07	0.00E+00
West Virginia	Summers County	54089	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	7.15E-07	2.85E-06	1.04E-05	2.26E-06	1.50E-03
West Virginia	Summers County	54089	R	Methylene Chloride	1.69E-01	1.69E-01	1.70E-01	1.74E-01	1.90E-01	2.10E-01	2.44E-01	2.44E-01	7.26E-03	3.28E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Summers County	54089	R	Nickel Compounds	1.46E-05	1.46E-05	1.88E-05	4.02E-05	3.98E-05	6.07E-05	6.40E-05	6.40E-05	3.21E-06	3.13E-05	4.69E-06	5.51E-07	0.00E+00
West Virginia	Summers County	54089	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.54E-01	1.65E-01	1.84E-01	1.84E-01	4.70E-08	1.41E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Summers County	54089	R	Polychlorinated Biphenyls	4.02E-04	4.02E-04	4.03E-04	4.06E-04	4.31E-04	4.58E-04	5.09E-04	5.09E-04	0.00E+00	5.08E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Summers County	54089	R	Polycyclic Organic Matter	1.75E-02	1.75E-02	1.83E-02	2.12E-02	2.34E-02	2.84E-02	3.35E-02	3.35E-02	2.38E-08	2.06E-02	2.43E-03	3.65E-04	0.00E+00
West Virginia	Summers County	54089	R	7-PAH	4.69E-04	4.69E-04	4.87E-04	5.08E-04	6.56E-04	8.25E-04	1.14E-03	1.14E-03	4.28E-10	6.30E-04	1.69E-05	8.85E-06	0.00E+00
West Virginia	Summers County	54089	R	Propylene Dichloride	1.62E-05	1.62E-05	1.72E-05	5.26E-05	8.54E-05	1.54E-04	2.20E-04	2.20E-04	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	Quinoline	7.13E-12	7.13E-12	4.86E-11	1.20E-10	9.34E-09	1.86E-08	3.71E-08	3.71E-08	0.00E+00	9.34E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	1,1,2,2-Tetrachloroethane	1.45E-04	1.45E-04	1.54E-04	4.77E-04	7.72E-04	1.39E-03	1.99E-03	1.99E-03	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Summers County	54089	R	Trichloroethylene	8.20E-02	8.20E-02	8.20E-02	8.26E-02	8.42E-02	8.63E-02	8.94E-02	8.94E-02	0.00E+00	3.16E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Summers County	54089	R	Vinyl Chloride	3.58E-04	3.58E-04	3.80E-04	1.18E-03	1.90E-03	3.42E-03	4.90E-03	4.90E-03	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	Acetaldehyde	9.86E-02	9.86E-02	1.00E-01	1.04E-01	1.12E-01	1.23E-01	1.41E-01	1.41E-01	1.52E-05	1.79E-02	8.30E-02	1.10E-02	0.00E+00
West Virginia	Taylor County	54091	R	Acrolein	2.86E-02	2.86E-02	3.00E-02	3.15E-02	3.11E-02	3.23E-02	3.30E-02	3.30E-02	3.04E-06	1.31E-02	1.58E-02	2.32E-03	0.00E+00
West Virginia	Taylor County	54091	R	Acrylonitrile	1.37E-04	1.37E-04	1.39E-04	1.63E-04	1.68E-04	1.97E-04	2.10E-04	2.10E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	Arsenic Compounds	5.81E-05	5.81E-05	5.81E-05	6.29E-05	6.47E-05	7.14E-05	7.51E-05	7.51E-05	4.57E-05	3.74E-06	1.31E-05	2.22E-06	0.00E+00
West Virginia	Taylor County	54091	R	Benzene	8.29E-01	8.29E-01	8.34E-01	8.40E-01	8.47E-01	8.60E-01	8.79E-01	8.79E-01	3.48E-06	1.73E-01	1.63E-01	3.16E-02	4.80E-01
West Virginia	Taylor County	54091	R	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
West Virginia	Taylor County	54091	R	Beryllium Compounds	4.81E-06	4.81E-06	4.86E-06	5.21E-06	5.20E-06	5.55E-06	5.59E-06	5.59E-06	3.63E-06	1.03E-06	0.00E+00	5.38E-07	0.00E+00
West Virginia	Taylor County	54091	R	1,3-Butadiene	8.72E-03	8.72E-03	8.75E-03	1.07E-02	1.08E-02	1.28E-02	1.29E-02	1.29E-02	0.00E+00	2.62E-03	6.49E-03	1.66E-03	0.00E+00
West Virginia	Taylor County	54091	R	Cadmium Compounds	2.56E-06	2.56E-06	2.66E-06	3.00E-06	3.00E-06	3.33E-06	3.42E-06	3.42E-06	6.31E-07	1.82E-06	0.00E+00	5.43E-07	0.00E+00
West Virginia	Taylor County	54091	R	Carbon Disulfide	4.74E-02	4.74E-02	4.75E-02	4.77E-02	4.77E-02	4.78E-02	4.79E-02	4.79E-02	1.60E-06	6.65E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Taylor County	54091	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.55E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Taylor County	54091	R	Chloroform	8.79E-02	8.79E-02	8.81E-02	8.84E-02	8.84E-02	8.86E-02	8.87E-02	8.87E-02	0.00E+00	5.36E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Taylor County	54091	R	Chromium Compounds (includes Hexavalent)	1.84E-04	1.84E-04	1.89E-04	2.24E-04	2.74E-04	3.59E-04	4.65E-04	4.65E-04	9.71E-05	1.68E-04	8.80E-06	4.40E-07	0.00E+00
West Virginia	Taylor County	54091	R	Chromium VI	7.69E-05	7.69E-05	8.70E-05	1.05E-04	1.13E-04	1.40E-04	1.66E-04	1.66E-04	1.08E-05	9.88E-05	3.50E-06	1.49E-07	0.00E+00
West Virginia	Taylor County	54091	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	1,4-Dichlorobenzene	8.07E-03	8.07E-03	8.31E-03	8.82E-03	8.76E-03	9.22E-03	9.34E-03	9.34E-03	0.00E+00	8.76E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	1,3-Dichloropropene	1.46E-02	1.46E-02	1.50E-02	1.61E-02	1.60E-02	1.69E-02	1.71E-02	1.71E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.53E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Taylor County	54091	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.93E-07	2.08E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Taylor County	54091	R	Ethylene Oxide	1.66E-03	1.66E-03	1.69E-03	1.83E-03	1.82E-03	1.94E-03	1.95E-03	1.95E-03	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	Formaldehyde	3.92E-01	3.92E-01	3.99E-01	4.07E-01	4.06E-01	4.12E-01	4.16E-01	4.16E-01	6.37E-06	5.72E-02	8.12E-02	1.72E-02	2.50E-01
West Virginia	Taylor County	54091	R	Hexachlorobenzene	9.34E-05	9.34E-05	9.34E-05	9.35E-05	9.35E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	5.08E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Taylor County	54091	R	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	5.21E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Taylor County	54091	R	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
West Virginia	Taylor County	54091	R	Hydrazine	4.18E-09	4.18E-09	1.31E-08	3.49E-08	3.06E-08	4.81E-08	4.84E-08	4.84E-08	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	Lead Compounds	3.49E-04	3.49E-04	4.08E-04	5.15E-04	5.30E-04	6.51E-04	7.41E-04	7.41E-04	2.47E-05	1.84E-04	0.00E+00	3.21E-04	0.00E+00
West Virginia	Taylor County	54091	R	Manganese Compounds	1.12E-04	1.12E-04	1.21E-04	1.48E-04	1.92E-04	2.63E-04	3.61E-04	3.61E-04	7.65E-05	1.13E-04	2.74E-06	3.40E-07	0.00E+00
West Virginia	Taylor County	54091	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	4.89E-06	4.76E-06	1.46E-05	2.38E-06	1.50E-03
West Virginia	Taylor County	54091	R	Methylene Chloride	1.76E-01	1.76E-01	1.79E-01	1.82E-01	1.81E-01	1.83E-01	1.83E-01	1.83E-01	3.42E-06	3.11E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Taylor County	54091	R	Nickel Compounds	1.56E-04	1.56E-04	1.78E-04	2.13E-04	2.70E-04	3.63E-04	4.98E-04	4.98E-04	1.15E-04	1.46E-04	6.63E-06	2.14E-06	0.00E+00
West Virginia	Taylor County	54091	R	Perchloroethylene	1.49E-01	1.49E-01	1.50E-01	1.51E-01	1.52E-01	1.53E-01	1.54E-01	1.54E-01	5.07E-07	1.15E-02	0.00E+00	0.00E+00	1.40E-01

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Taylor County	54091	R	Polychlorinated Biphenyls	4.25E-04	4.25E-04	4.28E-04	4.38E-04	4.36E-04	4.43E-04	4.43E-04	4.43E-04	0.00E+00	5.58E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Taylor County	54091	R	Polycyclic Organic Matter	2.64E-02	2.64E-02	2.77E-02	2.98E-02	2.94E-02	3.10E-02	3.14E-02	3.14E-02	2.11E-07	2.53E-02	3.57E-03	5.43E-04	0.00E+00
West Virginia	Taylor County	54091	R	7-PAH	5.68E-04	5.68E-04	5.83E-04	6.80E-04	6.80E-04	7.77E-04	7.93E-04	7.93E-04	4.31E-09	6.48E-04	2.40E-05	8.40E-06	0.00E+00
West Virginia	Taylor County	54091	R	Propylene Dichloride	7.87E-06	7.87E-06	8.03E-06	9.08E-06	9.03E-06	1.00E-05	1.01E-05	1.01E-05	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	Quinoline	3.33E-08	3.33E-08	5.50E-08	1.23E-07	1.12E-07	1.70E-07	1.70E-07	1.70E-07	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	1,1,2,2-Tetrachloroethane	5.52E-05	5.52E-05	5.66E-05	7.20E-05	7.58E-05	9.50E-05	1.04E-04	1.04E-04	0.00E+00	7.58E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Taylor County	54091	R	Trichloroethylene	8.30E-02	8.30E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	2.16E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Taylor County	54091	R	Vinyl Chloride	1.39E-04	1.39E-04	1.42E-04	1.78E-04	1.86E-04	2.30E-04	2.49E-04	2.49E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	Acetaldehyde	2.57E-02	2.57E-02	2.57E-02	2.80E-02	3.07E-02	3.83E-02	3.83E-02	3.83E-02	8.66E-06	1.09E-02	1.67E-02	3.02E-03	0.00E+00
West Virginia	Tucker County	54093	R	Acrolein	1.50E-02	1.50E-02	1.50E-02	1.67E-02	1.70E-02	1.93E-02	1.93E-02	1.93E-02	3.09E-06	1.36E-02	2.72E-03	6.88E-04	0.00E+00
West Virginia	Tucker County	54093	R	Acrylonitrile	1.49E-05	1.49E-05	1.49E-05	1.26E-04	2.34E-04	5.60E-04	5.60E-04	5.60E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	Arsenic Compounds	4.00E-06	4.00E-06	4.00E-06	5.85E-06	5.90E-06	7.86E-06	7.86E-06	7.86E-06	1.34E-06	9.38E-07	2.94E-06	6.84E-07	0.00E+00
West Virginia	Tucker County	54093	R	Benzene	5.58E-01	5.58E-01	5.58E-01	5.73E-01	5.85E-01	6.23E-01	6.23E-01	6.23E-01	1.16E-06	6.54E-02	3.00E-02	9.37E-03	4.80E-01
West Virginia	Tucker County	54093	R	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
West Virginia	Tucker County	54093	R	Beryllium Compounds	2.74E-07	2.74E-07	2.74E-07	4.11E-07	3.69E-07	4.21E-07	4.21E-07	4.21E-07	7.73E-08	2.50E-07	0.00E+00	4.16E-08	0.00E+00
West Virginia	Tucker County	54093	R	1,3-Butadiene	4.15E-03	4.15E-03	4.15E-03	4.18E-03	4.62E-03	5.53E-03	5.53E-03	5.53E-03	0.00E+00	2.73E-03	1.48E-03	4.15E-04	0.00E+00
West Virginia	Tucker County	54093	R	Cadmium Compounds	7.00E-07	7.00E-07	7.00E-07	7.27E-07	7.93E-07	9.50E-07	9.50E-07	9.50E-07	6.95E-08	6.82E-07	0.00E+00	4.14E-08	0.00E+00
West Virginia	Tucker County	54093	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.74E-02	4.74E-02	4.77E-02	4.77E-02	4.77E-02	1.85E-06	4.00E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Tucker County	54093	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Tucker County	54093	R	Chloroform	8.41E-02	8.41E-02	8.41E-02	8.42E-02	8.45E-02	8.51E-02	8.51E-02	8.51E-02	0.00E+00	1.48E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Tucker County	54093	R	Chromium Compounds (includes Hexavalent)	3.74E-06	3.74E-06	3.74E-06	4.60E-06	4.73E-06	5.85E-06	5.85E-06	5.85E-06	1.51E-06	1.40E-06	1.73E-06	9.15E-08	0.00E+00
West Virginia	Tucker County	54093	R	Chromium VI	1.30E-06	1.30E-06	1.30E-06	1.32E-06	1.49E-06	1.85E-06	1.85E-06	1.85E-06	1.67E-07	5.78E-07	7.12E-07	3.11E-08	0.00E+00
West Virginia	Tucker County	54093	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	1,4-Dichlorobenzene	1.36E-03	1.36E-03	1.36E-03	1.64E-03	1.89E-03	2.67E-03	2.67E-03	2.67E-03	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	1,3-Dichloropropene	2.41E-03	2.41E-03	2.41E-03	2.85E-03	3.38E-03	4.90E-03	4.90E-03	4.90E-03	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.07E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Tucker County	54093	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	5.70E-07	2.93E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Tucker County	54093	R	Ethylene Oxide	2.62E-04	2.62E-04	2.62E-04	3.06E-04	3.57E-04	5.04E-04	5.04E-04	5.04E-04	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	Formaldehyde	3.16E-01	3.16E-01	3.16E-01	3.21E-01	3.25E-01	3.37E-01	3.37E-01	3.37E-01	5.62E-06	5.35E-02	1.63E-02	4.89E-03	2.50E-01
West Virginia	Tucker County	54093	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.77E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Tucker County	54093	R	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	1.03E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Tucker County	54093	R	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
West Virginia	Tucker County	54093	R	Hydrazine	1.48E-10	1.48E-10	1.48E-10	2.38E-08	2.20E-08	4.22E-08	4.22E-08	4.22E-08	0.00E+00	2.20E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	Lead Compounds	2.25E-04	2.25E-04	2.25E-04	1.27E-03	9.87E-04	1.47E-03	1.47E-03	1.47E-03	3.27E-07	9.80E-04	0.00E+00	6.47E-06	0.00E+00
West Virginia	Tucker County	54093	R	Manganese Compounds	2.58E-05	2.58E-05	2.58E-05	3.09E-05	3.17E-05	3.82E-05	3.82E-05	3.82E-05	4.33E-06	2.67E-05	5.33E-07	7.44E-08	0.00E+00
West Virginia	Tucker County	54093	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.14E-06	8.35E-07	3.52E-06	6.10E-07	1.50E-03
West Virginia	Tucker County	54093	R	Methylene Chloride	1.56E-01	1.56E-01	1.56E-01	1.58E-01	1.57E-01	1.58E-01	1.58E-01	1.58E-01	3.74E-06	7.24E-03	0.00E+00	0.00E+00	1.50E-01
West Virginia	Tucker County	54093	R	Nickel Compounds	5.28E-05	5.28E-05	5.28E-05	2.74E-04	2.14E-04	3.17E-04	3.17E-04	3.17E-04	1.38E-06	2.12E-04	1.28E-06	1.55E-07	0.00E+00
West Virginia	Tucker County	54093	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	5.54E-07	1.83E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Tucker County	54093	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.92E-04	3.92E-04	4.00E-04	4.16E-04	4.16E-04	4.16E-04	0.00E+00	1.97E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Tucker County	54093	R	Polycyclic Organic Matter	9.36E-03	9.36E-03	9.36E-03	1.16E-02	1.35E-02	1.95E-02	1.95E-02	1.95E-02	2.44E-07	1.27E-02	6.94E-04	8.26E-05	0.00E+00
West Virginia	Tucker County	54093	R	7-PAH	4.87E-04	4.87E-04	4.87E-04	5.01E-04	5.47E-04	6.52E-04	6.52E-04	6.52E-04	4.98E-09	5.40E-04	4.91E-06	1.93E-06	0.00E+00
West Virginia	Tucker County	54093	R	Propylene Dichloride	6.96E-07	6.96E-07	6.96E-07	8.29E-06	1.46E-05	3.49E-05	3.49E-05	3.49E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	Quinoline	2.00E-09	2.00E-09	2.00E-09	1.21E-07	1.00E-07	1.78E-07	1.78E-07	1.78E-07	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	1,1,2,2-Tetrachloroethane	4.26E-06	4.26E-06	4.26E-06	6.47E-05	1.24E-04	3.04E-04	3.04E-04	3.04E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tucker County	54093	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.18E-02	8.18E-02	8.21E-02	8.21E-02	8.21E-02	0.00E+00	8.29E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Tucker County	54093	R	Vinyl Chloride	1.06E-05	1.06E-05	1.06E-05	1.63E-04	3.09E-04	7.52E-04	7.52E-04	7.52E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	Acetaldehyde	4.91E-02	4.91E-02	4.91E-02	1.05E-01	1.08E-01	1.69E-01	1.69E-01	1.69E-01	4.90E-06	1.45E-02	2.97E-02	6.36E-02	0.00E+00
West Virginia	Tyler County	54095	R	Acrolein	1.57E-02	1.57E-02	1.57E-02	1.86E-02	1.91E-02	2.28E-02	2.28E-02	2.28E-02	1.28E-06	1.26E-02	4.46E-03	2.02E-03	0.00E+00
West Virginia	Tyler County	54095	R	Acrylonitrile	2.33E-04	2.33E-04	2.33E-04	3.82E-04	3.61E-04	4.68E-04	4.68E-04	4.68E-04	2.71E-04	8.95E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	Arsenic Compounds	3.67E-05	3.67E-05	3.67E-05	4.61E-05	4.40E-05	4.92E-05	4.92E-05	4.92E-05	3.26E-05	1.77E-06	4.76E-06	4.82E-06	0.00E+00
West Virginia	Tyler County	54095	R	Benzene	5.79E-01	5.79E-01	5.79E-01	6.25E-01	6.37E-01	7.06E-01	7.06E-01	7.06E-01	1.52E-04	7.94E-02	5.00E-02	2.72E-02	4.80E-01
West Virginia	Tyler County	54095	R	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
West Virginia	Tyler County	54095	R	Beryllium Compounds	2.65E-06	2.65E-06	2.65E-06	3.35E-06	3.34E-06	4.01E-06	4.01E-06	4.01E-06	2.56E-06	4.79E-07	0.00E+00	2.98E-07	0.00E+00
West Virginia	Tyler County	54095	R	1,3-Butadiene	3.84E-03	3.84E-03	3.84E-03	5.99E-03	6.87E-03	1.08E-02	1.08E-02	1.08E-02	0.00E+00	3.03E-03	2.56E-03	1.28E-03	0.00E+00
West Virginia	Tyler County	54095	R	Cadmium Compounds	1.69E-06	1.69E-06	1.69E-06	2.54E-06	2.90E-06	4.45E-06	4.45E-06	4.45E-06	8.35E-07	9.54E-07	0.00E+00	1.11E-06	0.00E+00
West Virginia	Tyler County	54095	R	Carbon Disulfide	5.29E-02	5.29E-02	5.29E-02	5.36E-02	5.35E-02	5.39E-02	5.39E-02	5.39E-02	5.33E-03	1.15E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Tyler County	54095	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.23E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Tyler County	54095	R	Chloroform	8.42E-02	8.42E-02	8.42E-02	8.53E-02	8.60E-02	8.84E-02	8.84E-02	8.84E-02	9.71E-06	2.96E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Tyler County	54095	R	Chromium Compounds (includes Hexavalent)	9.39E-05	9.39E-05	9.39E-05	9.95E-05	1.01E-04	1.10E-04	1.10E-04	1.10E-04	9.39E-05	1.44E-06	2.84E-06	2.90E-06	0.00E+00
West Virginia	Tyler County	54095	R	Chromium VI	1.62E-05	1.62E-05	1.62E-05	1.69E-05	1.71E-05	1.81E-05	1.81E-05	1.81E-05	1.43E-05	6.19E-07	1.15E-06	9.87E-07	0.00E+00
West Virginia	Tyler County	54095	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	1,4-Dichlorobenzene	3.07E-03	3.07E-03	3.07E-03	4.35E-03	5.21E-03	8.22E-03	8.22E-03	8.22E-03	1.43E-03	3.78E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	1,3-Dichloropropene	3.38E-03	3.38E-03	3.38E-03	5.53E-03	7.01E-03	1.21E-02	1.21E-02	1.21E-02	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Tyler County	54095	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.19E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Tyler County	54095	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.18E-07	1.03E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Tyler County	54095	R	Ethylene Oxide	3.42E-04	3.42E-04	3.42E-04	5.14E-04	7.49E-04	1.39E-03	1.39E-03	1.39E-03	5.58E-06	7.44E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	Formaldehyde	3.48E-01	3.48E-01	3.48E-01	3.96E-01	4.06E-01	4.72E-01	4.72E-01	4.72E-01	4.02E-05	6.03E-02	2.77E-02	6.75E-02	2.50E-01
West Virginia	Tyler County	54095	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	3.20E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Tyler County	54095	R	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	2.46E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Tyler County	54095	R	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
West Virginia	Tyler County	54095	R	Hydrazine	5.76E-06	5.76E-06	5.76E-06	6.40E-06	8.16E-06	1.23E-05	1.23E-05	1.23E-05	8.15E-06	9.90E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	Lead Compounds	3.80E-05	3.80E-05	3.80E-05	2.44E-04	1.84E-04	2.69E-04	2.69E-04	2.69E-04	2.39E-05	1.23E-04	0.00E+00	3.67E-05	0.00E+00
West Virginia	Tyler County	54095	R	Manganese Compounds	1.34E-04	1.34E-04	1.34E-04	5.37E-04	4.31E-04	6.22E-04	6.22E-04	6.22E-04	8.15E-05	3.41E-04	9.21E-07	7.54E-06	0.00E+00
West Virginia	Tyler County	54095	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.57E-03	1.57E-03	1.57E-03	3.93E-05	2.23E-06	5.58E-06	5.61E-06	1.50E-03
West Virginia	Tyler County	54095	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.62E-01	1.65E-01	1.77E-01	1.77E-01	1.77E-01	2.35E-04	1.50E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Tyler County	54095	R	Nickel Compounds	1.89E-04	1.89E-04	1.89E-04	2.90E-04	3.29E-04	5.07E-04	5.07E-04	5.07E-04	1.35E-04	3.17E-05	2.10E-06	1.60E-04	0.00E+00
West Virginia	Tyler County	54095	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	2.22E-07	2.51E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Tyler County	54095	R	Polychlorinated Biphenyls	3.94E-04	3.94E-04	3.94E-04	4.02E-04	4.15E-04	4.50E-04	4.50E-04	4.50E-04	0.00E+00	3.55E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Tyler County	54095	R	Polycyclic Organic Matter	4.50E-02	4.50E-02	4.50E-02	5.93E-02	6.28E-02	8.42E-02	8.42E-02	8.42E-02	4.85E-02	1.24E-02	1.15E-03	7.20E-04	0.00E+00
West Virginia	Tyler County	54095	R	7-PAH	6.00E-04	6.00E-04	6.00E-04	7.17E-04	8.07E-04	1.10E-03	1.10E-03	1.10E-03	1.83E-04	5.92E-04	8.02E-06	2.42E-05	0.00E+00
West Virginia	Tyler County	54095	R	Propylene Dichloride	4.48E-06	4.48E-06	4.48E-06	6.00E-06	5.84E-06	7.03E-06	7.03E-06	7.03E-06	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	Quinoline	4.00E-08	4.00E-08	4.00E-08	2.53E-07	2.31E-07	4.02E-07	4.02E-07	4.02E-07	0.00E+00	2.31E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	1,1,2,2-Tetrachloroethane	2.79E-05	2.79E-05	2.79E-05	3.06E-05	3.00E-05	3.16E-05	3.16E-05	3.16E-05	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Tyler County	54095	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.20E-02	8.23E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	1.28E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Tyler County	54095	R	Vinyl Chloride	3.15E-05	3.15E-05	3.15E-05	6.85E-05	5.80E-05	7.40E-05	7.40E-05	7.40E-05	0.00E+00	5.80E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	Acetaldehyde	4.84E-02	4.84E-02	6.06E-02	1.03E-01	1.23E-01	1.53E-01	2.70E-01	2.70E-01	8.20E-04	4.20E-02	7.05E-02	9.76E-03	0.00E+00
West Virginia	Upshur County	54097	R	Acrolein	1.77E-02	1.77E-02	2.25E-02	2.85E-02	3.02E-02	3.59E-02	4.78E-02	4.78E-02	1.65E-04	1.58E-02	1.20E-02	2.22E-03	0.00E+00
West Virginia	Upshur County	54097	R	Acrylonitrile	4.05E-05	4.05E-05	4.13E-05	1.13E-04	1.42E-04	2.72E-04	2.74E-04	2.74E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	Arsenic Compounds	8.89E-06	8.89E-06	9.26E-06	3.53E-05	3.74E-05	4.75E-05	8.81E-05	8.81E-05	9.00E-06	7.20E-06	1.80E-05	3.25E-06	0.00E+00
West Virginia	Upshur County	54097	R	Benzene	6.67E-01	6.67E-01	6.70E-01	8.57E-01	1.06E+00	1.11E+00	2.21E+00	2.21E+00	1.08E-05	3.35E-01	2.03E-01	4.26E-02	4.80E-01
West Virginia	Upshur County	54097	R	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
West Virginia	Upshur County	54097	R	Beryllium Compounds	4.03E-07	4.03E-07	6.55E-07	2.78E-06	3.02E-06	3.16E-06	8.35E-06	8.35E-06	9.27E-07	1.81E-06	0.00E+00	2.84E-07	0.00E+00
West Virginia	Upshur County	54097	R	1,3-Butadiene	6.16E-03	6.16E-03	6.25E-03	1.49E-02	2.33E-02	3.12E-02	6.66E-02	6.66E-02	0.00E+00	3.40E-03	1.59E-02	4.03E-03	0.00E+00
West Virginia	Upshur County	54097	R	Cadmium Compounds	9.93E-07	9.93E-07	1.17E-06	2.45E-06	3.80E-06	4.34E-06	1.14E-05	1.14E-05	1.82E-07	3.34E-06	0.00E+00	2.83E-07	0.00E+00
West Virginia	Upshur County	54097	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.74E-02	4.76E-02	4.77E-02	4.91E-02	4.91E-02	7.87E-08	6.39E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Upshur County	54097	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	2.14E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Upshur County	54097	R	Chloroform	8.40E-02	8.40E-02	8.43E-02	8.68E-02	8.85E-02	8.99E-02	9.90E-02	9.90E-02	0.00E+00	5.47E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Upshur County	54097	R	Chromium Compounds (includes Hexavalent)	8.07E-06	8.07E-06	8.19E-06	5.45E-05	5.23E-05	9.31E-05	9.51E-05	9.51E-05	1.86E-05	2.16E-05	1.15E-05	6.05E-07	0.00E+00
West Virginia	Upshur County	54097	R	Chromium VI	3.17E-06	3.17E-06	3.24E-06	1.45E-05	1.54E-05	2.49E-05	3.21E-05	3.21E-05	2.05E-06	8.55E-06	4.61E-06	2.06E-07	0.00E+00
West Virginia	Upshur County	54097	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	1,4-Dichlorobenzene	2.39E-03	2.39E-03	3.62E-03	8.58E-03	1.28E-02	1.69E-02	3.70E-02	3.70E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	1,3-Dichloropropene	4.33E-03	4.33E-03	6.60E-03	1.60E-02	2.42E-02	3.20E-02	7.04E-02	7.04E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.96E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Upshur County	54097	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.42E-08	1.29E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Upshur County	54097	R	Ethylene Oxide	4.65E-04	4.65E-04	7.24E-04	1.81E-03	2.90E-03	3.53E-03	9.06E-03	9.06E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	Formaldehyde	3.52E-01	3.52E-01	3.62E-01	4.04E-01	4.34E-01	4.75E-01	6.06E-01	6.06E-01	5.45E-04	7.16E-02	9.07E-02	2.09E-02	2.50E-01
West Virginia	Upshur County	54097	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.36E-05	9.41E-05	9.43E-05	9.69E-05	9.69E-05	0.00E+00	1.14E-06	0.00E+00	0.00E+00	9.30E-05
West Virginia	Upshur County	54097	R	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	9.82E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Upshur County	54097	R	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
West Virginia	Upshur County	54097	R	Hydrazine	5.47E-12	5.47E-12	8.44E-11	1.05E-10	8.84E-11	1.12E-10	1.18E-10	1.18E-10	0.00E+00	8.84E-11	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	Lead Compounds	1.79E-05	1.79E-05	4.91E-05	1.31E-04	1.40E-04	1.68E-04	3.42E-04	3.42E-04	5.30E-06	7.95E-05	0.00E+00	5.51E-05	0.00E+00
West Virginia	Upshur County	54097	R	Manganese Compounds	5.17E-05	5.17E-05	7.70E-05	2.20E-04	2.96E-04	3.82E-04	8.23E-04	8.23E-04	1.63E-05	2.75E-04	3.79E-06	3.91E-07	0.00E+00
West Virginia	Upshur County	54097	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.58E-03	1.58E-03	1.22E-06	5.98E-06	2.06E-05	2.76E-06	1.50E-03
West Virginia	Upshur County	54097	R	Methylene Chloride	1.58E-01	1.58E-01	1.62E-01	1.85E-01	2.17E-01	2.19E-01	3.95E-01	3.95E-01	1.74E-07	6.74E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Upshur County	54097	R	Nickel Compounds	8.73E-06	8.73E-06	1.27E-05	9.70E-05	9.03E-05	1.12E-04	2.14E-04	2.14E-04	2.15E-05	5.95E-05	8.58E-06	7.18E-07	0.00E+00
West Virginia	Upshur County	54097	R	Perchloroethylene	1.42E-01	1.42E-01	1.47E-01	1.54E-01	1.57E-01	1.66E-01	1.80E-01	1.80E-01	2.58E-08	1.70E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Upshur County	54097	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	4.03E-04	4.53E-04	5.11E-04	5.34E-04	8.29E-04	8.29E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Upshur County	54097	R	Polycyclic Organic Matter	1.88E-02	1.88E-02	1.91E-02	3.19E-02	4.69E-02	5.74E-02	1.22E-01	1.22E-01	1.04E-08	4.17E-02	4.57E-03	5.96E-04	0.00E+00
West Virginia	Upshur County	54097	R	7-PAH	4.16E-04	4.16E-04	5.72E-04	7.83E-04	1.10E-03	1.32E-03	2.70E-03	2.70E-03	2.12E-10	1.06E-03	3.15E-05	6.64E-06	0.00E+00
West Virginia	Upshur County	54097	R	Propylene Dichloride	2.21E-06	2.21E-06	2.34E-06	5.44E-06	6.86E-06	1.08E-05	1.49E-05	1.49E-05	0.00E+00	6.86E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	Quinoline	2.69E-10	2.69E-10	4.16E-09	4.92E-09	4.13E-09	5.22E-09	5.28E-09	5.28E-09	0.00E+00	4.13E-09	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	1,1,2,2-Tetrachloroethane	1.79E-05	1.79E-05	1.95E-05	3.97E-05	4.90E-05	5.07E-05	1.26E-04	1.26E-04	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Upshur County	54097	R	Trichloroethylene	8.16E-02	8.16E-02	8.19E-02	8.51E-02	8.79E-02	8.92E-02	1.04E-01	1.04E-01	0.00E+00	6.85E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Upshur County	54097	R	Vinyl Chloride	4.38E-05	4.38E-05	4.78E-05	9.71E-05	1.20E-04	1.25E-04	3.11E-04	3.11E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	Acetaldehyde	7.73E-02	9.77E-02	1.12E-01	2.06E-01	3.62E-01	6.38E-01	6.98E-01	7.44E-01	7.20E-02	2.45E-02	1.71E-01	9.43E-02	0.00E+00
West Virginia	Wayne County	54099	U	Acrolein	2.93E-02	3.17E-02	3.29E-02	3.82E-02	4.89E-02	6.48E-02	7.29E-02	7.80E-02	3.07E-04	2.28E-02	1.99E-02	5.81E-03	0.00E+00
West Virginia	Wayne County	54099	U	Acrylonitrile	2.81E-05	6.65E-05	8.34E-05	4.35E-03	4.51E-03	7.72E-03	8.16E-03	8.45E-03	4.18E-03	3.37E-04	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Wayne County	54099	U	Arsenic Compounds	2.60E-05	4.28E-05	4.60E-05	1.52E-04	1.17E-04	1.78E-04	1.80E-04	1.90E-04	7.49E-05	1.00E-05	2.28E-05	9.51E-06	0.00E+00
West Virginia	Wayne County	54099	U	Benzene	6.43E-01	6.55E-01	7.03E-01	7.85E-01	1.05E+00	1.60E+00	1.61E+00	1.75E+00	3.32E-02	1.90E-01	2.93E-01	5.26E-02	4.80E-01
West Virginia	Wayne County	54099	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
West Virginia	Wayne County	54099	U	Beryllium Compounds	1.75E-06	2.04E-06	2.74E-06	6.09E-06	7.57E-06	1.42E-05	1.53E-05	1.75E-05	2.62E-06	2.22E-06	0.00E+00	2.74E-06	0.00E+00
West Virginia	Wayne County	54099	U	1,3-Butadiene	4.94E-03	5.47E-03	5.57E-03	7.85E-03	2.74E-02	5.37E-02	6.19E-02	7.46E-02	2.50E-04	2.65E-03	2.01E-02	4.43E-03	0.00E+00
West Virginia	Wayne County	54099	U	Cadmium Compounds	5.43E-06	9.07E-06	1.27E-05	2.43E-05	2.94E-05	4.52E-05	4.65E-05	7.67E-05	1.56E-05	1.05E-05	0.00E+00	3.35E-06	0.00E+00
West Virginia	Wayne County	54099	U	Carbon Disulfide	4.73E-02	4.73E-02	4.75E-02	4.78E-02	5.00E-02	5.10E-02	5.79E-02	5.80E-02	7.82E-04	2.18E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Wayne County	54099	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.83E-01	8.83E-01	0.00E+00	5.63E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Wayne County	54099	U	Chloroform	8.42E-02	8.47E-02	8.51E-02	8.73E-02	9.29E-02	9.36E-02	1.16E-01	1.17E-01	0.00E+00	9.87E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Wayne County	54099	U	Chromium Compounds (includes Hexavalent)	3.28E-05	6.48E-05	6.53E-05	1.92E-04	1.79E-04	2.70E-04	3.30E-04	3.42E-04	1.04E-04	5.47E-05	1.70E-05	3.32E-06	0.00E+00
West Virginia	Wayne County	54099	U	Chromium VI	6.78E-06	1.09E-05	1.20E-05	2.89E-05	3.41E-05	5.62E-05	5.97E-05	7.69E-05	1.78E-05	8.44E-06	6.73E-06	1.13E-06	0.00E+00
West Virginia	Wayne County	54099	U	Coke Oven Emissions	0.00E+00	8.38E-03	1.18E-02	2.13E-02	3.14E-02	4.74E-02	5.16E-02	9.59E-02	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	1,4-Dichlorobenzene	3.23E-03	3.83E-03	4.70E-03	8.67E-03	1.69E-02	2.34E-02	4.71E-02	5.14E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	1,3-Dichloropropene	5.88E-03	6.92E-03	8.65E-03	1.62E-02	3.19E-02	4.47E-02	8.98E-02	9.81E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	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	1.66E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Wayne County	54099	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	2.27E-06	2.57E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Wayne County	54099	U	Ethylene Oxide	4.62E-04	6.01E-04	6.82E-04	1.54E-03	3.29E-03	4.67E-03	9.76E-03	1.08E-02	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	Formaldehyde	4.02E-01	4.07E-01	4.42E-01	4.79E-01	6.39E-01	8.94E-01	8.99E-01	9.82E-01	1.01E-03	1.21E-01	1.50E-01	1.17E-01	2.50E-01
West Virginia	Wayne County	54099	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.42E-05	9.47E-05	9.63E-05	9.67E-05	0.00E+00	1.15E-06	0.00E+00	0.00E+00	9.30E-05
West Virginia	Wayne County	54099	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	2.97E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Wayne County	54099	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
West Virginia	Wayne County	54099	U	Hydrazine	2.18E-10	4.13E-10	4.20E-10	1.60E-09	1.11E-08	2.50E-08	3.61E-08	3.73E-08	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	Lead Compounds	7.29E-05	2.80E-04	3.36E-04	7.20E-04	1.50E-03	2.43E-03	2.49E-03	5.07E-03	1.96E-04	3.79E-04	0.00E+00	9.25E-04	0.00E+00
West Virginia	Wayne County	54099	U	Manganese Compounds	7.39E-05	3.50E-03	4.45E-03	7.05E-03	8.71E-03	1.33E-02	1.40E-02	1.86E-02	7.99E-03	7.05E-04	5.36E-06	6.72E-06	0.00E+00
West Virginia	Wayne County	54099	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.56E-03	1.62E-03	1.63E-03	1.64E-03	6.73E-06	1.56E-05	2.41E-05	1.25E-05	1.50E-03
West Virginia	Wayne County	54099	U	Methylene Chloride	1.62E-01	1.62E-01	1.67E-01	2.13E-01	2.61E-01	3.15E-01	4.72E-01	4.80E-01	3.02E-02	8.07E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Wayne County	54099	U	Nickel Compounds	8.57E-05	2.37E-04	2.80E-04	1.01E-03	8.63E-04	1.35E-03	1.63E-03	1.64E-03	1.64E-04	5.58E-04	1.27E-05	1.28E-04	0.00E+00
West Virginia	Wayne County	54099	U	Perchloroethylene	1.44E-01	1.46E-01	1.48E-01	1.74E-01	2.06E-01	2.54E-01	2.81E-01	3.27E-01	2.41E-03	6.37E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Wayne County	54099	U	Polychlorinated Biphenyls	4.01E-04	4.05E-04	4.10E-04	4.29E-04	5.20E-04	5.86E-04	7.84E-04	8.36E-04	3.90E-08	1.40E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Wayne County	54099	U	Polycyclic Organic Matter	1.21E-02	1.62E-02	2.04E-02	3.30E-02	5.22E-02	8.86E-02	9.63E-02	1.51E-01	8.58E-03	3.49E-02	6.70E-03	2.03E-03	0.00E+00
West Virginia	Wayne County	54099	U	7-PAH	8.19E-04	8.42E-04	9.83E-04	1.07E-03	1.61E-03	2.09E-03	3.15E-03	3.48E-03	5.31E-06	1.52E-03	4.35E-05	3.45E-05	0.00E+00
West Virginia	Wayne County	54099	U	Propylene Dichloride	1.43E-06	3.88E-06	4.73E-06	1.52E-05	2.54E-05	1.88E-05	9.32E-05	9.38E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	Quinoline	5.20E-09	1.61E-08	2.02E-08	1.19E-04	1.06E-04	1.66E-04	1.71E-04	2.23E-04	1.06E-04	9.02E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	1,1,2,2-Tetrachloroethane	1.00E-05	3.10E-05	3.98E-05	1.22E-04	9.12E-05	1.26E-04	1.31E-04	1.65E-04	0.00E+00	9.12E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wayne County	54099	U	Trichloroethylene	8.15E-02	8.17E-02	8.20E-02	8.30E-02	8.63E-02	8.83E-02	9.93E-02	9.96E-02	0.00E+00	5.27E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Wayne County	54099	U	Vinyl Chloride	2.49E-05	7.71E-05	1.01E-04	3.16E-04	2.31E-04	3.18E-04	3.33E-04	4.13E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	Acetaldehyde	2.08E-02	2.08E-02	2.08E-02	2.39E-02	2.33E-02	2.52E-02	2.52E-02	2.52E-02	3.40E-04	9.86E-03	9.37E-03	3.74E-03	0.00E+00
West Virginia	Webster County	54101	R	Acrolein	1.52E-02	1.52E-02	1.52E-02	1.63E-02	1.60E-02	1.67E-02	1.67E-02	1.67E-02	8.44E-05	1.33E-02	1.87E-03	7.94E-04	0.00E+00
West Virginia	Webster County	54101	R	Acrylonitrile	1.62E-05	1.62E-05	1.62E-05	2.19E-05	2.51E-05	3.72E-05	3.72E-05	3.72E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	Arsenic Compounds	2.75E-06	2.75E-06	2.75E-06	3.75E-06	3.43E-06	3.79E-06	3.79E-06	3.79E-06	0.00E+00	7.69E-07	1.86E-06	8.06E-07	0.00E+00
West Virginia	Webster County	54101	R	Benzene	5.59E-01	5.59E-01	5.59E-01	5.71E-01	5.68E-01	5.73E-01	5.73E-01	5.73E-01	5.07E-06	5.60E-02	1.86E-02	1.29E-02	4.80E-01
West Virginia	Webster County	54101	R	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
West Virginia	Webster County	54101	R	Beryllium Compounds	1.82E-07	1.82E-07	1.82E-07	1.97E-07	1.92E-07	1.97E-07	1.97E-07	1.97E-07	0.00E+00	1.51E-07	0.00E+00	4.09E-08	0.00E+00
West Virginia	Webster County	54101	R	1,3-Butadiene	3.92E-03	3.92E-03	3.92E-03	4.53E-03	4.39E-03	4.71E-03	4.71E-03	4.71E-03	0.00E+00	3.03E-03	7.12E-04	6.45E-04	0.00E+00
West Virginia	Webster County	54101	R	Cadmium Compounds	5.13E-07	5.13E-07	5.13E-07	5.18E-07	5.30E-07	5.58E-07	5.58E-07	5.58E-07	0.00E+00	4.89E-07	0.00E+00	4.07E-08	0.00E+00
West Virginia	Webster County	54101	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	5.05E-05	0.00E+00	0.00E+00	4.70E-02
West Virginia	Webster County	54101	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.31E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Webster County	54101	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	3.11E-04	0.00E+00	0.00E+00	8.30E-02
West Virginia	Webster County	54101	R	Chromium Compounds (includes Hexavalent)	1.62E-06	1.62E-06	1.62E-06	2.03E-06	1.94E-06	2.18E-06	2.18E-06	2.18E-06	0.00E+00	7.92E-07	1.07E-06	8.46E-08	0.00E+00
West Virginia	Webster County	54101	R	Chromium VI	7.09E-07	7.09E-07	7.09E-07	8.48E-07	8.29E-07	9.31E-07	9.31E-07	9.31E-07	0.00E+00	3.81E-07	4.20E-07	2.88E-08	0.00E+00
West Virginia	Webster County	54101	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	1,4-Dichlorobenzene	1.30E-03	1.30E-03	1.30E-03	1.42E-03	1.43E-03	1.57E-03	1.57E-03	1.57E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	1,3-Dichloropropene	2.36E-03	2.36E-03	2.36E-03	2.59E-03	2.61E-03	2.88E-03	2.88E-03	2.88E-03	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.18E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Webster County	54101	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.64E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Webster County	54101	R	Ethylene Oxide	2.57E-04	2.57E-04	2.57E-04	2.83E-04	2.80E-04	2.99E-04	2.99E-04	2.99E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	Formaldehyde	3.16E-01	3.16E-01	3.16E-01	3.24E-01	3.22E-01	3.25E-01	3.25E-01	3.25E-01	2.77E-04	5.47E-02	9.83E-03	7.21E-03	2.50E-01
West Virginia	Webster County	54101	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.26E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Webster County	54101	R	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	7.54E-09	0.00E+00	0.00E+00	1.80E-03
West Virginia	Webster County	54101	R	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
West Virginia	Webster County	54101	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	6.11E-13	3.14E-12	8.82E-12	8.82E-12	8.82E-12	0.00E+00	3.14E-12	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	Lead Compounds	7.34E-06	7.34E-06	7.34E-06	9.64E-06	9.72E-06	1.22E-05	1.22E-05	1.22E-05	0.00E+00	9.51E-06	0.00E+00	2.05E-07	0.00E+00
West Virginia	Webster County	54101	R	Manganese Compounds	2.83E-05	2.83E-05	2.83E-05	3.19E-05	3.33E-05	3.98E-05	3.98E-05	3.98E-05	0.00E+00	3.29E-05	3.28E-07	8.00E-08	0.00E+00
West Virginia	Webster County	54101	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	5.80E-07	2.21E-06	7.03E-07	1.50E-03

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Webster County	54101	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.56E-01	1.56E-01	1.56E-01	0.00E+00	5.27E-03	0.00E+00	0.00E+00	1.50E-01
West Virginia	Webster County	54101	R	Nickel Compounds	3.81E-06	3.81E-06	3.81E-06	4.91E-06	4.94E-06	6.09E-06	6.09E-06	6.09E-06	0.00E+00	3.98E-06	8.22E-07	1.31E-07	0.00E+00
West Virginia	Webster County	54101	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	7.16E-04	0.00E+00	0.00E+00	1.40E-01
West Virginia	Webster County	54101	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.92E-04	3.96E-04	3.95E-04	3.96E-04	3.96E-04	3.96E-04	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Webster County	54101	R	Polycyclic Organic Matter	1.00E-02	1.00E-02	1.00E-02	1.13E-02	1.11E-02	1.20E-02	1.20E-02	1.20E-02	0.00E+00	1.06E-02	4.31E-04	8.77E-05	0.00E+00
West Virginia	Webster County	54101	R	7-PAH	5.06E-04	5.06E-04	5.06E-04	5.19E-04	5.19E-04	5.31E-04	5.31E-04	5.31E-04	0.00E+00	5.15E-04	3.12E-06	9.41E-07	0.00E+00
West Virginia	Webster County	54101	R	Propylene Dichloride	8.46E-07	8.46E-07	8.46E-07	1.20E-06	1.39E-06	2.12E-06	2.12E-06	2.12E-06	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.95E-11	1.48E-10	4.26E-10	4.26E-10	4.26E-10	0.00E+00	1.48E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	1,1,2,2-Tetrachloroethane	6.53E-06	6.53E-06	6.53E-06	9.91E-06	1.16E-05	1.83E-05	1.83E-05	1.83E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Webster County	54101	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	2.90E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Webster County	54101	R	Vinyl Chloride	1.61E-05	1.61E-05	1.61E-05	2.44E-05	2.86E-05	4.51E-05	4.51E-05	4.51E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	Acetaldehyde	6.96E-02	6.96E-02	7.12E-02	1.15E-01	1.55E-01	2.02E-01	3.19E-01	3.19E-01	7.18E-06	1.32E-02	6.54E-02	7.67E-02	0.00E+00
West Virginia	Wetzel County	54103	R	Acrolein	1.84E-02	1.84E-02	1.91E-02	1.97E-02	2.06E-02	2.04E-02	2.53E-02	2.53E-02	1.86E-06	1.06E-02	7.41E-03	2.57E-03	0.00E+00
West Virginia	Wetzel County	54103	R	Acrylonitrile	2.52E-04	2.52E-04	4.61E-04	4.86E-04	8.16E-04	8.20E-04	2.06E-03	2.06E-03	9.56E-05	7.21E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	Arsenic Compounds	3.87E-05	3.87E-05	4.05E-05	4.48E-05	4.97E-05	4.95E-05	7.52E-05	7.52E-05	2.94E-05	3.13E-06	8.69E-06	8.53E-06	0.00E+00
West Virginia	Wetzel County	54103	R	Benzene	6.23E-01	6.23E-01	6.42E-01	7.09E-01	7.80E-01	7.31E-01	1.20E+00	1.20E+00	2.53E-04	1.59E-01	1.11E-01	2.90E-02	4.80E-01
West Virginia	Wetzel County	54103	R	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
West Virginia	Wetzel County	54103	R	Beryllium Compounds	3.03E-06	3.03E-06	3.62E-06	4.62E-06	4.25E-06	4.76E-06	5.19E-06	5.19E-06	2.89E-06	9.00E-07	0.00E+00	4.52E-07	0.00E+00
West Virginia	Wetzel County	54103	R	1,3-Butadiene	4.36E-03	4.36E-03	4.69E-03	8.19E-03	1.14E-02	1.28E-02	2.68E-02	2.68E-02	0.00E+00	2.07E-03	7.89E-03	1.41E-03	0.00E+00
West Virginia	Wetzel County	54103	R	Cadmium Compounds	1.46E-06	1.46E-06	1.79E-06	3.96E-06	4.07E-06	5.64E-06	7.51E-06	7.51E-06	5.39E-07	1.68E-06	0.00E+00	1.86E-06	0.00E+00
West Virginia	Wetzel County	54103	R	Carbon Disulfide	5.12E-02	5.12E-02	5.61E-02	6.70E-02	6.68E-02	7.40E-02	8.55E-02	8.55E-02	9.78E-03	9.98E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Wetzel County	54103	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.84E-09	1.79E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Wetzel County	54103	R	Chloroform	8.47E-02	8.47E-02	8.49E-02	8.65E-02	8.67E-02	8.67E-02	9.08E-02	9.08E-02	4.49E-06	3.68E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Wetzel County	54103	R	Chromium Compounds (includes Hexavalent)	1.05E-04	1.05E-04	1.15E-04	1.20E-04	1.20E-04	1.21E-04	1.40E-04	1.40E-04	9.67E-05	1.26E-05	5.97E-06	4.81E-06	0.00E+00
West Virginia	Wetzel County	54103	R	Chromium VI	1.86E-05	1.86E-05	2.05E-05	2.16E-05	2.21E-05	2.30E-05	2.69E-05	2.69E-05	1.36E-05	4.44E-06	2.39E-06	1.63E-06	0.00E+00
West Virginia	Wetzel County	54103	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	1,4-Dichlorobenzene	3.77E-03	3.77E-03	4.99E-03	1.02E-02	1.08E-02	1.23E-02	2.29E-02	2.29E-02	4.47E-03	6.36E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	1,3-Dichloropropene	4.95E-03	4.95E-03	5.25E-03	1.03E-02	1.18E-02	1.20E-02	2.66E-02	2.66E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	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	1.17E-09	2.45E-06	0.00E+00	0.00E+00	7.70E-03
West Virginia	Wetzel County	54103	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	5.65E-07	8.55E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Wetzel County	54103	R	Ethylene Oxide	5.11E-04	5.11E-04	5.84E-04	1.22E-03	1.25E-03	1.35E-03	2.60E-03	2.60E-03	2.84E-05	1.22E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	Formaldehyde	3.63E-01	3.63E-01	3.68E-01	4.13E-01	4.55E-01	4.74E-01	6.56E-01	6.56E-01	1.61E-03	4.84E-02	6.13E-02	9.34E-02	2.50E-01
West Virginia	Wetzel County	54103	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.34E-05	9.35E-05	9.41E-05	9.41E-05	0.00E+00	4.42E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Wetzel County	54103	R	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	4.36E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Wetzel County	54103	R	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
West Virginia	Wetzel County	54103	R	Hydrazine	6.03E-06	6.03E-06	2.28E-05	6.06E-05	1.63E-04	2.20E-04	5.04E-04	5.04E-04	1.62E-04	6.97E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	Lead Compounds	4.41E-05	4.41E-05	7.20E-05	9.58E-05	9.05E-05	9.90E-05	1.42E-04	1.42E-04	3.18E-05	2.67E-05	0.00E+00	3.20E-05	0.00E+00
West Virginia	Wetzel County	54103	R	Manganese Compounds	1.15E-04	1.15E-04	1.24E-04	1.82E-04	1.76E-04	1.84E-04	2.76E-04	2.76E-04	1.21E-04	4.07E-05	1.86E-06	1.29E-05	0.00E+00
West Virginia	Wetzel County	54103	R	Mercury Compounds	1.53E-03	1.53E-03	1.57E-03	1.68E-03	1.66E-03	1.70E-03	1.79E-03	1.79E-03	1.20E-04	1.67E-05	9.41E-06	9.76E-06	1.50E-03
West Virginia	Wetzel County	54103	R	Methylene Chloride	1.59E-01	1.59E-01	1.62E-01	1.80E-01	1.75E-01	1.85E-01	1.88E-01	1.88E-01	3.06E-04	2.44E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Wetzel County	54103	R	Nickel Compounds	1.58E-04	1.58E-04	2.03E-04	5.33E-04	5.21E-04	6.23E-04	1.09E-03	1.09E-03	1.89E-04	7.56E-05	4.59E-06	2.51E-04	0.00E+00
West Virginia	Wetzel County	54103	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.57E-01	1.54E-01	1.60E-01	1.64E-01	1.64E-01	3.84E-06	1.36E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Wetzel County	54103	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.95E-04	4.17E-04	4.27E-04	4.30E-04	5.01E-04	5.01E-04	0.00E+00	4.70E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Wetzel County	54103	R	Polycyclic Organic Matter	4.28E-02	4.28E-02	8.73E-02	1.39E-01	1.98E-01	2.08E-01	5.14E-01	5.14E-01	1.77E-01	1.80E-02	2.44E-03	1.07E-03	0.00E+00
West Virginia	Wetzel County	54103	R	7-PAH	6.11E-04	6.11E-04	7.25E-04	1.02E-03	1.26E-03	1.21E-03	2.76E-03	2.76E-03	6.43E-04	5.70E-04	1.61E-05	3.64E-05	0.00E+00
West Virginia	Wetzel County	54103	R	Propylene Dichloride	1.34E-05	1.34E-05	2.44E-05	4.45E-05	5.16E-05	4.60E-05	1.30E-04	1.30E-04	1.27E-07	5.15E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	Quinoline	2.48E-07	2.48E-07	2.76E-07	1.54E-06	2.90E-06	3.90E-06	8.55E-06	8.55E-06	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	1,1,2,2-Tetrachloroethane	7.78E-05	7.78E-05	8.51E-05	1.02E-04	2.36E-04	3.97E-04	5.19E-04	5.19E-04	1.16E-06	2.35E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wetzel County	54103	R	Trichloroethylene	8.19E-02	8.19E-02	8.24E-02	8.41E-02	8.36E-02	8.47E-02	8.50E-02	8.50E-02	2.11E-06	2.62E-03	0.00E+00	0.00E+00	8.10E-02
West Virginia	Wetzel County	54103	R	Vinyl Chloride	1.05E-04	1.05E-04	1.87E-04	2.45E-04	3.63E-04	3.12E-04	9.67E-04	9.67E-04	2.86E-06	3.60E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	Acetaldehyde	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02	2.41E-05	1.24E-02	5.05E-02	1.53E-02	0.00E+00
West Virginia	Wirt County	54105	R	Acrolein	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	1.34E-03	1.17E-02	7.03E-03	1.77E-03	0.00E+00
West Virginia	Wirt County	54105	R	Acrylonitrile	1.89E-03	1.89E-03	1.89E-03	1.89E-03	1.89E-03	1.89E-03	1.89E-03	1.89E-03	1.84E-03	4.63E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	Arsenic Compounds	4.18E-05	4.18E-05	4.18E-05	4.18E-05	4.18E-05	4.18E-05	4.18E-05	4.18E-05	3.34E-05	1.39E-06	5.28E-06	1.78E-06	0.00E+00
West Virginia	Wirt County	54105	R	Benzene	6.55E-01	6.55E-01	6.55E-01	6.55E-01	6.55E-01	6.55E-01	6.55E-01	6.55E-01	8.20E-04	8.63E-02	6.20E-02	2.55E-02	4.80E-01
West Virginia	Wirt County	54105	R	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
West Virginia	Wirt County	54105	R	Beryllium Compounds	2.60E-06	2.60E-06	2.60E-06	2.60E-06	2.60E-06	2.60E-06	2.60E-06	2.60E-06	2.17E-06	3.77E-07	0.00E+00	5.82E-08	0.00E+00
West Virginia	Wirt County	54105	R	1,3-Butadiene	5.18E-03	5.18E-03	5.18E-03	5.18E-03	5.18E-03	5.18E-03	5.18E-03	5.18E-03	7.38E-05	2.50E-03	1.54E-03	1.07E-03	0.00E+00
West Virginia	Wirt County	54105	R	Cadmium Compounds	2.97E-06	2.97E-06	2.97E-06	2.97E-06	2.97E-06	2.97E-06	2.97E-06	2.97E-06	1.95E-06	8.47E-07	0.00E+00	1.73E-07	0.00E+00
West Virginia	Wirt County	54105	R	Carbon Disulfide	4.79E-02	4.79E-02	4.79E-02	4.79E-02	4.79E-02	4.79E-02	4.79E-02	4.79E-02	2.83E-04	6.05E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Wirt County	54105	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.00E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Wirt County	54105	R	Chloroform	8.46E-02	8.46E-02	8.46E-02	8.46E-02	8.46E-02	8.46E-02	8.46E-02	8.46E-02	1.81E-05	1.57E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Wirt County	54105	R	Chromium Compounds (includes Hexavalent)	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.44E-03	3.37E-03	6.47E-05	3.48E-06	6.64E-07	0.00E+00
West Virginia	Wirt County	54105	R	Chromium VI	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.09E-04	2.38E-06	1.38E-06	2.26E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Wirt County	54105	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	1,4-Dichlorobenzene	3.17E-03	3.17E-03	3.17E-03	3.17E-03	3.17E-03	3.17E-03	3.17E-03	3.17E-03	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	1,3-Dichloropropene	5.68E-03	5.68E-03	5.68E-03	5.68E-03	5.68E-03	5.68E-03	5.68E-03	5.68E-03	0.00E+00	5.68E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	Ethylene Dibromide	7.91E-03	7.91E-03	7.91E-03	7.91E-03	7.91E-03	7.91E-03	7.91E-03	7.91E-03	2.12E-04	5.43E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Wirt County	54105	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.20E-06	5.30E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Wirt County	54105	R	Ethylene Oxide	5.68E-04	5.68E-04	5.68E-04	5.68E-04	5.68E-04	5.68E-04	5.68E-04	5.68E-04	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	Formaldehyde	3.71E-01	3.71E-01	3.71E-01	3.71E-01	3.71E-01	3.71E-01	3.71E-01	3.71E-01	4.17E-03	5.27E-02	4.15E-02	2.28E-02	2.50E-01
West Virginia	Wirt County	54105	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	2.23E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Wirt County	54105	R	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	2.00E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Wirt County	54105	R	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
West Virginia	Wirt County	54105	R	Hydrazine	9.49E-10	9.49E-10	9.49E-10	9.49E-10	9.49E-10	9.49E-10	9.49E-10	9.49E-10	0.00E+00	9.49E-10	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	Lead Compounds	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.28E-04	2.35E-05	1.51E-04	0.00E+00	5.31E-05	0.00E+00
West Virginia	Wirt County	54105	R	Manganese Compounds	3.46E-02	3.46E-02	3.46E-02	3.46E-02	3.46E-02	3.46E-02	3.46E-02	3.46E-02	3.40E-02	6.56E-04	1.04E-06	1.38E-06	0.00E+00
West Virginia	Wirt County	54105	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	9.52E-07	9.81E-07	6.05E-06	1.81E-06	1.50E-03
West Virginia	Wirt County	54105	R	Methylene Chloride	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.91E-03	1.11E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Wirt County	54105	R	Nickel Compounds	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	6.67E-05	1.41E-05	2.56E-06	2.78E-05	0.00E+00
West Virginia	Wirt County	54105	R	Perchloroethylene	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	1.45E-01	2.41E-06	4.88E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Wirt County	54105	R	Polychlorinated Biphenyls	4.04E-04	4.04E-04	4.04E-04	4.04E-04	4.04E-04	4.04E-04	4.04E-04	4.04E-04	0.00E+00	2.43E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Wirt County	54105	R	Polycyclic Organic Matter	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	1.59E-02	3.14E-04	1.39E-02	1.40E-03	3.17E-04	0.00E+00
West Virginia	Wirt County	54105	R	7-PAH	5.39E-04	5.39E-04	5.39E-04	5.39E-04	5.39E-04	5.39E-04	5.39E-04	5.39E-04	1.06E-05	5.11E-04	9.55E-06	7.43E-06	0.00E+00
West Virginia	Wirt County	54105	R	Propylene Dichloride	2.74E-06	2.74E-06	2.74E-06	2.74E-06	2.74E-06	2.74E-06	2.74E-06	2.74E-06	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	Quinoline	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	0.00E+00	3.88E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	1,1,2,2-Tetrachloroethane	1.86E-05	1.86E-05	1.86E-05	1.86E-05	1.86E-05	1.86E-05	1.86E-05	1.86E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wirt County	54105	R	Trichloroethylene	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	7.57E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Wirt County	54105	R	Vinyl Chloride	4.71E-05	4.71E-05	4.71E-05	4.71E-05	4.71E-05	4.71E-05	4.71E-05	4.71E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	Acetaldehyde	1.38E-01	1.50E-01	1.89E-01	2.27E-01	2.61E-01	2.94E-01	3.84E-01	5.76E-01	5.41E-04	1.17E-02	1.73E-01	7.54E-02	0.00E+00
West Virginia	Wood County	54107	U	Acrolein	3.66E-02	3.70E-02	4.14E-02	4.67E-02	5.03E-02	5.84E-02	6.81E-02	7.52E-02	6.62E-03	1.18E-02	2.61E-02	5.76E-03	0.00E+00
West Virginia	Wood County	54107	U	Acrylonitrile	3.31E-03	3.63E-03	5.14E-03	8.14E-03	1.50E-02	1.23E-02	1.80E-02	3.29E-02	1.45E-02	5.01E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	Arsenic Compounds	7.71E-05	8.76E-05	9.92E-05	1.26E-04	1.26E-04	1.44E-04	1.71E-04	1.73E-04	7.58E-05	1.41E-05	2.48E-05	1.13E-05	0.00E+00
West Virginia	Wood County	54107	U	Benzene	7.60E-01	8.43E-01	9.20E-01	1.13E+00	1.13E+00	1.24E+00	1.51E+00	1.56E+00	3.65E-03	1.81E-01	3.64E-01	9.91E-02	4.80E-01
West Virginia	Wood County	54107	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
West Virginia	Wood County	54107	U	Beryllium Compounds	2.80E-06	3.29E-06	4.06E-06	6.44E-06	7.44E-06	1.00E-05	1.37E-05	1.61E-05	2.69E-06	4.22E-06	0.00E+00	5.24E-07	0.00E+00
West Virginia	Wood County	54107	U	1,3-Butadiene	1.26E-02	1.44E-02	1.97E-02	3.06E-02	3.71E-02	4.58E-02	7.34E-02	7.91E-02	3.91E-03	1.23E-03	2.36E-02	8.38E-03	0.00E+00
West Virginia	Wood County	54107	U	Cadmium Compounds	4.91E-06	4.95E-06	5.83E-06	9.61E-06	1.05E-05	1.31E-05	1.65E-05	2.21E-05	2.39E-06	6.58E-06	0.00E+00	1.49E-06	0.00E+00
West Virginia	Wood County	54107	U	Carbon Disulfide	4.84E-02	4.91E-02	5.01E-02	5.13E-02	5.17E-02	5.30E-02	5.49E-02	5.59E-02	2.36E-03	2.33E-03	0.00E+00	0.00E+00	4.70E-02
West Virginia	Wood County	54107	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	4.47E-04	0.00E+00	0.00E+00	8.80E-01
West Virginia	Wood County	54107	U	Chloroform	8.90E-02	8.91E-02	9.30E-02	1.04E-01	1.03E-01	1.11E-01	1.17E-01	1.21E-01	9.46E-06	1.99E-02	0.00E+00	0.00E+00	8.30E-02
West Virginia	Wood County	54107	U	Chromium Compounds (includes Hexavalent)	3.34E-03	4.59E-03	9.27E-03	1.67E-02	1.87E-02	2.47E-02	3.11E-02	3.59E-02	1.80E-02	7.23E-04	1.93E-05	4.41E-06	0.00E+00
West Virginia	Wood County	54107	U	Chromium VI	1.20E-04	1.61E-04	3.16E-04	5.37E-04	5.88E-04	7.63E-04	9.49E-04	1.10E-03	5.50E-04	2.79E-05	7.77E-06	1.50E-06	0.00E+00
West Virginia	Wood County	54107	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
West Virginia	Wood County	54107	U	1,4-Dichlorobenzene	7.65E-03	7.72E-03	1.26E-02	2.48E-02	2.42E-02	3.35E-02	4.13E-02	4.63E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	1,3-Dichloropropene	1.41E-02	1.45E-02	2.39E-02	4.71E-02	4.60E-02	6.38E-02	7.87E-02	8.83E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	Ethylene Dibromide	8.13E-03	8.21E-03	8.52E-03	9.02E-03	9.29E-03	9.82E-03	1.04E-02	1.11E-02	1.59E-03	4.25E-07	0.00E+00	0.00E+00	7.70E-03
West Virginia	Wood County	54107	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.05E-06	5.39E-05	0.00E+00	0.00E+00	6.10E-02
West Virginia	Wood County	54107	U	Ethylene Oxide	1.21E-03	1.40E-03	2.26E-03	5.52E-03	5.52E-03	8.24E-03	1.06E-02	1.08E-02	0.00E+00	5.52E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	Formaldehyde	4.31E-01	4.64E-01	5.27E-01	6.07E-01	6.81E-01	7.61E-01	9.79E-01	1.02E+00	8.98E-02	6.57E-02	1.67E-01	1.09E-01	2.50E-01
West Virginia	Wood County	54107	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.34E-05	9.40E-05	9.39E-05	9.43E-05	9.46E-05	9.47E-05	0.00E+00	9.41E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Wood County	54107	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	1.94E-07	0.00E+00	0.00E+00	1.80E-03
West Virginia	Wood County	54107	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
West Virginia	Wood County	54107	U	Hydrazine	3.81E-09	3.90E-09	1.26E-08	1.76E-08	2.89E-08	2.94E-08	5.24E-08	8.23E-08	0.00E+00	2.89E-08	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	Lead Compounds	4.82E-04	5.19E-04	9.31E-04	1.38E-03	1.51E-03	1.52E-03	3.06E-03	4.21E-03	7.78E-05	1.14E-03	0.00E+00	2.99E-04	0.00E+00
West Virginia	Wood County	54107	U	Manganese Compounds	3.41E-02	5.03E-02	1.18E-01	2.00E-01	4.36E-01	3.48E-01	5.08E-01	5.19E-01	4.29E-01	6.85E-03	6.27E-06	9.69E-06	0.00E+00
West Virginia	Wood County	54107	U	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.57E-03	1.58E-03	1.60E-03	1.93E-06	1.26E-05	2.56E-05	1.11E-05	1.50E-03
West Virginia	Wood County	54107	U	Methylene Chloride	1.79E-01	1.85E-01	2.02E-01	2.57E-01	2.76E-01	3.22E-01	3.68E-01	4.80E-01	1.10E-02	1.15E-01	0.00E+00	0.00E+00	1.50E-01
West Virginia	Wood County	54107	U	Nickel Compounds	2.52E-04	2.54E-04	3.41E-04	4.50E-04	5.22E-04	7.04E-04	8.93E-04	9.44E-04	1.14E-04	1.74E-04	1.44E-05	2.19E-04	0.00E+00
West Virginia	Wood County	54107	U	Perchloroethylene	1.54E-01	1.54E-01	1.63E-01	1.89E-01	1.96E-01	2.02E-01	2.83E-01	3.15E-01	6.84E-06	5.63E-02	0.00E+00	0.00E+00	1.40E-01
West Virginia	Wood County	54107	U	Polychlorinated Biphenyls	4.09E-04	4.09E-04	4.23E-04	4.99E-04	4.90E-04	5.28E-04	5.68E-04	5.76E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	3.80E-04
West Virginia	Wood County	54107	U	Polycyclic Organic Matter	2.52E-02	2.69E-02	3.29E-02	4.33E-02	4.47E-02	5.63E-02	6.96E-02	7.47E-02	8.09E-04	3.43E-02	7.85E-03	1.82E-03	0.00E+00
West Virginia	Wood County	54107	U	7-PAH	5.40E-04	5.80E-04	7.55E-04	9.51E-04	9.42E-04	1.13E-03	1.30E-03	1.30E-03	2.41E-05	8.26E-04	5.04E-05	4.14E-05	0.00E+00
West Virginia	Wood County	54107	U	Propylene Dichloride	9.72E-06	1.48E-05	2.01E-05	2.69E-05	2.87E-05	3.21E-05	4.59E-05	4.96E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	Quinoline	1.08E-07	1.09E-07	1.59E-07	2.25E-07	2.53E-07	2.79E-07	3.56E-07	5.32E-07	0.00E+00	2.53E-07	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	1,1,2,2-Tetrachloroethane	6.84E-05	8.25E-05	1.22E-04	1.83E-04	2.13E-04	2.36E-04	3.82E-04	3.84E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wood County	54107	U	Trichloroethylene	8.37E-02	8.39E-02	8.51E-02	9.24E-02	9.73E-02	1.02E-01	1.17E-01	1.42E-01	0.00E+00	1.63E-02	0.00E+00	0.00E+00	8.10E-02
West Virginia	Wood County	54107	U	Vinyl Chloride	1.74E-04	2.27E-04	3.08E-04	4.60E-04	5.33E-04	5.89E-04	9.53E-04	9.57E-04	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for West Virginia

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
West Virginia	Wyoming County	54109	R	Acetaldehyde	6.75E-02	6.75E-02	6.83E-02	7.10E-02	8.18E-02	8.27E-02	1.30E-01	1.30E-01	0.00E+00	2.42E-02	5.03E-02	7.37E-03	0.00E+00
West Virginia	Wyoming County	54109	R	Acrolein	1.76E-02	1.76E-02	1.87E-02	1.96E-02	2.08E-02	1.97E-02	2.96E-02	2.96E-02	0.00E+00	1.28E-02	7.04E-03	9.36E-04	0.00E+00
West Virginia	Wyoming County	54109	R	Acrylonitrile	4.52E-05	4.52E-05	4.67E-05	7.50E-05	8.67E-05	1.17E-04	1.62E-04	1.62E-04	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	Arsenic Compounds	4.56E-05	4.56E-05	4.86E-05	6.81E-05	7.42E-05	7.18E-05	1.43E-04	1.43E-04	0.00E+00	6.44E-05	7.77E-06	2.02E-06	0.00E+00
West Virginia	Wyoming County	54109	R	Benzene	6.08E-01	6.08E-01	6.18E-01	6.29E-01	6.48E-01	6.42E-01	7.59E-01	7.59E-01	9.93E-06	8.10E-02	7.80E-02	8.64E-03	4.80E-01
West Virginia	Wyoming County	54109	R	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
West Virginia	Wyoming County	54109	R	Beryllium Compounds	6.01E-06	6.01E-06	9.03E-06	1.07E-05	1.35E-05	1.38E-05	3.07E-05	3.07E-05	0.00E+00	1.31E-05	0.00E+00	3.44E-07	0.00E+00
West Virginia	Wyoming County	54109	R	1,3-Butadiene	4.77E-03	4.77E-03	5.49E-03	5.93E-03	7.26E-03	6.37E-03	1.51E-02	1.51E-02	0.00E+00	2.96E-03	3.78E-03	5.14E-04	0.00E+00
West Virginia	Wyoming County	54109	R	Cadmium Compounds	1.12E-06	1.12E-06	1.20E-06	1.80E-06	2.67E-06	2.43E-06	7.66E-06	7.66E-06	0.00E+00	2.32E-06	0.00E+00	3.51E-07	0.00E+00
West Virginia	Wyoming County	54109	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.70E-02
West Virginia	Wyoming County	54109	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.25E-05	0.00E+00	0.00E+00	8.80E-01
West Virginia	Wyoming County	54109	R	Chloroform	8.40E-02	8.40E-02	8.44E-02	8.45E-02	8.47E-02	8.48E-02	8.59E-02	8.59E-02	0.00E+00	1.67E-03	0.00E+00	0.00E+00	8.30E-02
West Virginia	Wyoming County	54109	R	Chromium Compounds (includes Hexavalent)	3.11E-05	3.11E-05	3.43E-05	4.29E-05	4.93E-05	4.76E-05	9.70E-05	9.70E-05	0.00E+00	4.43E-05	4.77E-06	2.02E-07	0.00E+00
West Virginia	Wyoming County	54109	R	Chromium VI	2.57E-06	2.57E-06	3.02E-06	3.68E-06	3.78E-06	4.19E-06	5.52E-06	5.52E-06	0.00E+00	1.80E-06	1.91E-06	6.85E-08	0.00E+00
West Virginia	Wyoming County	54109	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	2.03E-03	2.03E-03	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	1,4-Dichlorobenzene	2.93E-03	2.93E-03	3.09E-03	3.35E-03	3.93E-03	3.56E-03	7.28E-03	7.28E-03	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	1,3-Dichloropropene	5.29E-03	5.29E-03	5.67E-03	6.07E-03	7.21E-03	6.52E-03	1.36E-02	1.36E-02	0.00E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.11E-08	0.00E+00	0.00E+00	7.70E-03
West Virginia	Wyoming County	54109	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	9.23E-06	0.00E+00	0.00E+00	6.10E-02
West Virginia	Wyoming County	54109	R	Ethylene Oxide	5.61E-04	5.61E-04	5.87E-04	6.58E-04	7.57E-04	6.98E-04	1.38E-03	1.38E-03	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	Formaldehyde	3.61E-01	3.61E-01	3.66E-01	3.71E-01	3.84E-01	3.76E-01	4.60E-01	4.60E-01	0.00E+00	7.10E-02	4.87E-02	1.45E-02	2.50E-01
West Virginia	Wyoming County	54109	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	9.35E-05	9.35E-05	0.00E+00	3.05E-07	0.00E+00	0.00E+00	9.30E-05
West Virginia	Wyoming County	54109	R	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	2.36E-08	0.00E+00	0.00E+00	1.80E-03
West Virginia	Wyoming County	54109	R	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
West Virginia	Wyoming County	54109	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.12E-16	3.34E-16	7.77E-16	1.00E-15	1.00E-15	0.00E+00	3.34E-16	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	Lead Compounds	3.19E-05	3.19E-05	3.45E-05	6.27E-05	7.34E-05	1.01E-04	1.48E-04	1.48E-04	0.00E+00	6.24E-05	0.00E+00	1.11E-05	0.00E+00
West Virginia	Wyoming County	54109	R	Manganese Compounds	4.57E-05	4.57E-05	4.58E-05	7.18E-05	7.81E-05	9.09E-05	1.42E-04	1.42E-04	0.00E+00	7.63E-05	1.51E-06	2.78E-07	0.00E+00
West Virginia	Wyoming County	54109	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	4.78E-06	9.09E-06	2.16E-06	1.50E-03
West Virginia	Wyoming County	54109	R	Methylene Chloride	1.60E-01	1.60E-01	1.61E-01	1.63E-01	1.64E-01	1.66E-01	1.74E-01	1.74E-01	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.50E-01
West Virginia	Wyoming County	54109	R	Nickel Compounds	4.47E-05	4.47E-05	4.80E-05	5.66E-05	6.90E-05	7.04E-05	1.37E-04	1.37E-04	0.00E+00	6.30E-05	3.59E-06	2.40E-06	0.00E+00
West Virginia	Wyoming County	54109	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.46E-01	1.46E-01	0.00E+00	3.62E-03	0.00E+00	0.00E+00	1.40E-01
West Virginia	Wyoming County	54109	R	Polychlorinated Biphenyls	4.03E-04	4.03E-04	4.08E-04	4.12E-04	4.17E-04	4.22E-04	4.45E-04	4.45E-04	0.00E+00	3.70E-05	0.00E+00	0.00E+00	3.80E-04
West Virginia	Wyoming County	54109	R	Polycyclic Organic Matter	8.94E-03	8.94E-03	9.78E-03	1.11E-02	1.24E-02	1.23E-02	2.11E-02	2.11E-02	0.00E+00	1.03E-02	1.86E-03	1.93E-04	0.00E+00
West Virginia	Wyoming County	54109	R	7-PAH	5.28E-04	5.28E-04	5.38E-04	5.43E-04	6.21E-04	5.60E-04	1.02E-03	1.02E-03	0.00E+00	6.05E-04	1.37E-05	2.32E-06	0.00E+00
West Virginia	Wyoming County	54109	R	Propylene Dichloride	2.42E-06	2.42E-06	2.60E-06	4.05E-06	4.84E-06	6.64E-06	9.31E-06	9.31E-06	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	4.75E-15	3.70E-14	5.52E-14	1.57E-13	1.57E-13	0.00E+00	3.70E-14	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	1,1,2,2-Tetrachloroethane	1.94E-05	1.94E-05	2.18E-05	3.28E-05	4.08E-05	5.72E-05	8.12E-05	8.12E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00
West Virginia	Wyoming County	54109	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.17E-02	8.17E-02	8.18E-02	8.19E-02	8.19E-02	0.00E+00	6.62E-04	0.00E+00	0.00E+00	8.10E-02
West Virginia	Wyoming County	54109	R	Vinyl Chloride	4.79E-05	4.79E-05	5.37E-05	8.08E-05	1.01E-04	1.41E-04	2.00E-04	2.00E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00