

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Washington: 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](http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm)
- The emission processing and modeling procedures utilize 1999 meteorology, 1999 emissions and updated and new spatial information including the 2000 census for population and census tract centroid location
[Background concentrations are the same as those used in the 1996 NATA.](#)
- For formaldehyde and acetaldehyde, secondary contributions were estimated outside of the ASPEN model using the same proportion of secondary to primary concentrations as was used in the 1996 NATA assessment.
- Because the emissions used are from 1999, they do not reflect potentially significant emission reductions that have taken effect since then, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.

DRAFT FOR REVIEW ONLY Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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
Washington	Statewide	N/A	N/A	Acetaldehyde	5.26E-02	9.65E-02	2.81E-01	8.40E-01	1.25E+00	1.85E+00	2.88E+00	3.67E+00	1.89E-01	4.11E-01	4.74E-01	1.76E-01	0.00E+00
Washington	Statewide	N/A	N/A	Acrolein	2.72E-02	3.79E-02	6.35E-02	9.37E-02	1.03E-01	1.33E-01	1.71E-01	2.04E-01	8.42E-04	3.60E-02	4.79E-02	1.84E-02	0.00E+00
Washington	Statewide	N/A	N/A	Acrylonitrile	1.33E-05	3.34E-05	1.11E-04	4.53E-04	1.30E-03	1.56E-03	2.71E-03	3.96E-03	2.90E-04	1.01E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Arsenic Compounds	4.63E-06	1.16E-05	3.65E-05	7.07E-05	1.01E-04	1.28E-04	1.98E-04	2.66E-04	1.40E-05	1.98E-05	5.01E-05	1.76E-05	0.00E+00
Washington	Statewide	N/A	N/A	Benzene	5.95E-01	6.80E-01	9.92E-01	1.51E+00	1.76E+00	2.18E+00	3.05E+00	3.89E+00	7.60E-03	2.93E-01	8.26E-01	1.53E-01	4.80E-01
Washington	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-13	0.00E+00	0.00E+00	6.47E-13	0.00E+00	4.85E-13	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Beryllium Compounds	1.29E-07	2.34E-07	6.32E-07	1.25E-06	2.55E-06	2.34E-06	4.95E-06	7.34E-06	1.02E-06	7.59E-07	0.00E+00	7.73E-07	0.00E+00
Washington	Statewide	N/A	N/A	1,3-Butadiene	9.62E-03	1.28E-02	2.32E-02	4.23E-02	6.93E-02	8.12E-02	1.54E-01	2.31E-01	3.94E-05	1.17E-02	4.29E-02	1.46E-02	0.00E+00
Washington	Statewide	N/A	N/A	Cadmium Compounds	4.80E-07	1.58E-06	6.96E-06	2.03E-05	4.38E-05	5.31E-05	1.06E-04	1.48E-04	5.51E-06	3.69E-05	0.00E+00	1.38E-06	0.00E+00
Washington	Statewide	N/A	N/A	Carbon Disulfide	4.71E-02	4.72E-02	4.77E-02	4.90E-02	5.30E-02	5.45E-02	6.24E-02	7.15E-02	4.47E-03	1.51E-03	0.00E+00	0.00E+00	4.70E-02
Washington	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.84E-01	9.01E-01	8.92E-01	9.01E-01	9.10E-01	2.11E-02	1.59E-04	0.00E+00	0.00E+00	8.80E-01
Washington	Statewide	N/A	N/A	Chloroform	8.38E-02	8.67E-02	1.03E-01	1.31E-01	2.00E-01	1.97E-01	2.54E-01	2.90E-01	7.89E-02	3.80E-02	0.00E+00	0.00E+00	8.30E-02
Washington	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	3.81E-06	1.21E-05	8.50E-05	5.30E-04	9.12E-04	9.63E-04	1.56E-03	2.12E-03	2.60E-04	6.05E-04	4.28E-05	4.36E-06	0.00E+00
Washington	Statewide	N/A	N/A	Chromium VI	1.44E-06	4.07E-06	1.75E-05	6.61E-05	1.52E-04	1.73E-04	3.42E-04	5.24E-04	1.26E-05	1.21E-04	1.71E-05	1.48E-06	0.00E+00
Washington	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	1,4-Dichlorobenzene	1.31E-03	3.76E-03	1.72E-02	4.30E-02	4.87E-02	6.96E-02	9.65E-02	1.23E-01	2.66E-05	4.78E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	1,3-Dichloropropene	2.42E-03	7.41E-03	3.57E-02	9.37E-02	1.15E-01	1.70E-01	2.40E-01	3.07E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	7.73E-03	7.74E-03	1.62E-07	9.59E-06	0.00E+00	0.00E+00	7.70E-03
Washington	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.16E-02	6.43E-02	6.32E-02	6.45E-02	6.32E-02	3.25E-03	3.51E-05	0.00E+00	0.00E+00	6.10E-02
Washington	Statewide	N/A	N/A	Ethylene Oxide	1.38E-05	5.52E-05	3.35E-04	2.93E-03	4.99E-03	7.69E-03	1.16E-02	1.53E-02	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Formaldehyde	4.00E-01	4.65E-01	6.47E-01	1.12E+00	1.26E+00	1.61E+00	2.13E+00	2.69E+00	2.13E-02	3.68E-01	3.60E-01	2.58E-01	2.50E-01
Washington	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.32E-05	9.39E-05	9.41E-05	0.00E+00	2.36E-07	0.00E+00	0.00E+00	9.30E-05
Washington	Statewide	N/A	N/A	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.81E-03	1.81E-03	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.80E-03
Washington	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	2.55E-04	4.89E-04	6.68E-04	1.88E-04	4.61E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Hydrazine	5.95E-11	3.13E-10	3.27E-09	1.66E-08	3.34E-07	5.17E-08	1.59E-07	3.25E-07	8.60E-08	2.48E-07	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Lead Compounds	5.61E-05	1.64E-04	6.21E-04	2.18E-03	2.64E-03	3.65E-03	5.15E-03	6.63E-03	1.45E-04	1.40E-03	0.00E+00	1.10E-03	0.00E+00
Washington	Statewide	N/A	N/A	Manganese Compounds	1.88E-05	5.22E-05	1.54E-04	4.06E-04	9.19E-04	8.71E-04	2.05E-03	3.12E-03	2.31E-04	6.67E-04	1.38E-05	7.36E-06	0.00E+00
Washington	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.51E-03	1.54E-03	1.57E-03	2.21E-03	1.63E-03	1.71E-03	1.79E-03	6.28E-04	1.31E-05	4.90E-05	1.67E-05	1.50E-03
Washington	Statewide	N/A	N/A	Methylene Chloride	1.55E-01	1.68E-01	2.23E-01	3.16E-01	3.80E-01	4.23E-01	5.47E-01	7.30E-01	4.24E-02	1.87E-01	0.00E+00	0.00E+00	1.50E-01
Washington	Statewide	N/A	N/A	Nickel Compounds	4.29E-06	1.42E-05	4.66E-05	1.45E-04	7.04E-04	3.03E-04	8.57E-04	1.78E-03	2.44E-04	2.85E-04	3.18E-05	1.43E-04	0.00E+00
Washington	Statewide	N/A	N/A	Perchloroethylene	1.41E-01	1.45E-01	1.58E-01	1.84E-01	2.09E-01	2.25E-01	2.77E-01	3.31E-01	5.18E-03	6.35E-02	0.00E+00	0.00E+00	1.40E-01
Washington	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.83E-04	3.84E-04	3.95E-04	4.15E-04	4.36E-04	4.52E-04	5.05E-04	5.48E-04	2.35E-09	5.56E-05	0.00E+00	0.00E+00	3.80E-04
Washington	Statewide	N/A	N/A	Polycyclic Organic Matter	6.08E-03	1.37E-02	4.00E-02	8.24E-02	1.18E-01	1.42E-01	2.29E-01	2.86E-01	4.23E-02	5.65E-02	1.46E-02	4.74E-03	0.00E+00
Washington	Statewide	N/A	N/A	7-PAH	4.48E-04	5.59E-04	9.96E-04	1.57E-03	2.38E-03	2.62E-03	3.69E-03	5.25E-03	9.47E-04	1.28E-03	9.72E-05	5.00E-05	0.00E+00
Washington	Statewide	N/A	N/A	Propylene Dichloride	6.80E-07	1.65E-06	6.05E-06	1.41E-05	3.94E-05	3.46E-05	6.02E-05	8.67E-05	1.75E-05	2.18E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Quinoline	1.21E-09	5.08E-09	2.40E-08	1.02E-07	1.08E-04	2.22E-07	4.79E-07	1.04E-06	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	1.44E-06	5.19E-06	3.59E-05	9.08E-05	2.96E-04	2.00E-04	3.85E-04	6.53E-04	1.61E-04	1.35E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Statewide	N/A	N/A	Trichloroethylene	8.14E-02	8.28E-02	9.41E-02	1.46E-01	2.74E-01	3.32E-01	5.52E-01	8.08E-01	2.09E-02	1.72E-01	0.00E+00	0.00E+00	8.10E-02
Washington	Statewide	N/A	N/A	Vinyl Chloride	5.61E-06	1.83E-05	9.56E-05	2.30E-04	7.32E-04	4.98E-04	9.51E-04	1.62E-03	3.96E-04	3.36E-04	0.00E+00	0.00E+00	0.00E+00
Washington	All Urban Counties	N/A	U	Acetaldehyde	1.21E-01	1.96E-01	3.90E-01	1.02E+00	1.40E+00	2.00E+00	3.06E+00	3.79E+00	2.14E-01	4.58E-01	5.32E-01	1.97E-01	0.00E+00
Washington	All Urban Counties	N/A	U	Acrolein	3.72E-02	5.20E-02	7.16E-02	1.02E-01	1.10E-01	1.37E-01	1.75E-01	2.12E-01	9.43E-04	3.52E-02	5.36E-02	2.06E-02	0.00E+00
Washington	All Urban Counties	N/A	U	Acrylonitrile	3.60E-05	7.16E-05	1.47E-04	5.69E-04	1.45E-03	1.73E-03	2.92E-03	3.27E-04	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Washington	All Urban Counties	N/A	U	Arsenic Compounds	1.42E-05	2.46E-05	4.70E-05	8.15E-05	1.09E-04	1.36E-04	2.05E-04	2.75E-04	1.56E-05	1.81E-05	5.59E-05	1.95E-05	0.00E+00
Washington	All Urban Counties	N/A	U	Benzene	7.33E-01	8.56E-01	1.14E+00	1.63E+00	1.90E+00	2.29E+00	3.23E+00	4.05E+00	8.52E-03	3.17E-01	9.24E-01	1.69E-01	4.80E-01
Washington	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	9.10E-14	0.00E+00	0.00E+00	0.00E+00
Washington	All Urban Counties	N/A	U	Beryllium Compounds	2.02E-07	3.30E-07	7.31E-07	1.35E-06	2.75E-06	2.59E-06	5.16E-06	7.79E-06	1.15E-06	7.53E-07	0.00E+00	8.45E-07	0.00E+00
Washington	All Urban Counties	N/A	U	1,3-Butadiene	1.25E-02	1.71E-02	2.75E-02	4.78E-02	7.57E-02	8.68E-02	1.66E-01	2.44E-01	4.46E-05	1.15E-02	4.79E-02	1.62E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	All Urban Counties	N/A	U	Cadmium Compounds	1.84E-06	4.12E-06	9.66E-06	2.50E-05	4.88E-05	5.83E-05	1.14E-04	1.51E-04	6.10E-06	4.12E-05	0.00E+00	1.54E-06	0.00E+00		
Washington	All Urban Counties	N/A	U	Carbon Disulfide	4.72E-02	4.74E-02	4.78E-02	4.96E-02	5.36E-02	5.54E-02	6.36E-02	7.36E-02	5.00E-03	1.65E-03	0.00E+00	0.00E+00	4.70E-02		
Washington	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.82E-01	8.87E-01	9.04E-01	8.92E-01	9.03E-01	9.14E-01	2.40E-02	1.66E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	All Urban Counties	N/A	U	Chloroform	8.88E-02	9.64E-02	1.12E-01	1.45E-01	2.15E-01	2.08E-01	2.60E-01	3.01E-01	8.92E-02	4.27E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	1.63E-05	3.49E-05	1.65E-04	6.51E-04	1.02E-03	1.03E-03	1.63E-03	2.22E-03	2.95E-04	6.70E-04	4.80E-05	4.88E-06	0.00E+00		
Washington	All Urban Counties	N/A	U	Chromium VI	5.27E-06	1.12E-05	2.91E-05	8.19E-05	1.71E-04	1.91E-04	3.71E-04	5.69E-04	1.41E-05	1.36E-04	1.92E-05	1.66E-06	0.00E+00		
Washington	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	1,4-Dichlorobenzene	4.88E-03	1.01E-02	2.60E-02	4.85E-02	5.44E-02	7.31E-02	1.01E-01	1.26E-01	3.01E-05	5.43E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	1,3-Dichloropropene	9.64E-03	1.98E-02	5.58E-02	1.07E-01	1.29E-01	1.79E-01	2.51E-01	3.13E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.72E-03	7.73E-03	7.75E-03	1.83E-07	1.09E-05	0.00E+00	0.00E+00	7.70E-03		
Washington	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.12E-02	6.18E-02	6.47E-02	6.24E-02	6.33E-02	6.47E-02	3.69E-03	3.74E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	All Urban Counties	N/A	U	Ethylene Oxide	7.28E-05	1.62E-04	5.53E-04	4.16E-03	5.66E-03	8.30E-03	1.21E-02	1.64E-02	0.00E+00	5.66E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	Formaldehyde	4.77E-01	5.64E-01	7.75E-01	1.23E+00	1.35E+00	1.68E+00	2.21E+00	2.75E+00	2.03E-02	3.92E-01	4.03E-01	2.89E-01	2.50E-01		
Washington	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.32E-05	9.38E-05	9.41E-05	0.00E+00	2.09E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	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	1.81E-03	1.81E-03	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.80E-03		
Washington	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	7.67E-08	3.21E-05	2.67E-04	3.02E-04	5.23E-04	6.90E-04	2.14E-04	5.25E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	Hydrazine	3.72E-10	1.14E-09	5.30E-09	2.03E-08	1.56E-07	5.92E-08	1.70E-07	3.27E-07	9.79E-08	5.82E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	Lead Compounds	1.82E-04	3.42E-04	1.12E-03	2.47E-03	2.93E-03	3.82E-03	5.33E-03	6.78E-03	1.57E-04	1.57E-03	0.00E+00	1.20E-03	0.00E+00		
Washington	All Urban Counties	N/A	U	Manganese Compounds	5.67E-05	9.03E-05	2.05E-04	4.54E-04	1.01E-03	9.78E-04	2.15E-03	3.25E-03	2.55E-04	7.27E-04	1.54E-05	8.28E-06	0.00E+00		
Washington	All Urban Counties	N/A	U	Mercury Compounds	1.52E-03	1.53E-03	1.55E-03	1.58E-03	2.30E-03	1.63E-03	1.72E-03	1.80E-03	7.14E-04	1.44E-05	5.44E-05	1.86E-05	1.50E-03		
Washington	All Urban Counties	N/A	U	Methylene Chloride	1.72E-01	1.95E-01	2.49E-01	3.37E-01	4.06E-01	4.42E-01	5.76E-01	7.74E-01	4.70E-02	2.09E-01	0.00E+00	0.00E+00	1.50E-01		
Washington	All Urban Counties	N/A	U	Nickel Compounds	1.47E-05	2.53E-05	6.53E-05	1.57E-04	7.43E-04	3.30E-04	8.77E-04	1.85E-03	2.78E-04	2.68E-04	3.56E-05	1.62E-04	0.00E+00		
Washington	All Urban Counties	N/A	U	Perchloroethylene	1.46E-01	1.51E-01	1.65E-01	1.92E-01	2.15E-01	2.30E-01	2.85E-01	3.38E-01	5.87E-03	6.93E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.83E-04	3.85E-04	3.98E-04	4.16E-04	4.37E-04	4.53E-04	5.04E-04	5.44E-04	2.63E-09	5.66E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.70E-02	2.85E-02	5.40E-02	9.36E-02	1.31E-01	1.55E-01	2.36E-01	3.08E-01	4.72E-02	6.25E-02	1.63E-02	5.31E-03	0.00E+00		
Washington	All Urban Counties	N/A	U	7-PAH	4.48E-04	5.39E-04	9.87E-04	1.57E-03	2.43E-03	3.67E-03	5.22E-03	6.76E-03	1.06E-03	1.20E-03	1.09E-04	5.54E-05	0.00E+00		
Washington	All Urban Counties	N/A	U	Propylene Dichloride	1.81E-06	3.47E-06	6.94E-06	1.75E-05	4.34E-05	3.68E-05	6.24E-05	9.10E-05	1.98E-05	2.36E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	Quinoline	7.14E-09	1.33E-08	4.09E-08	1.25E-07	1.21E-04	2.35E-07	5.09E-07	1.13E-06	1.21E-04	2.01E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	3.77E-06	1.81E-05	4.55E-05	1.10E-04	3.25E-04	2.15E-04	4.02E-04	7.22E-04	1.82E-04	1.44E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	All Urban Counties	N/A	U	Trichloroethylene	8.38E-02	8.81E-02	1.04E-01	1.74E-01	2.94E-01	3.55E-01	5.78E-01	8.65E-01	2.35E-02	1.90E-01	0.00E+00	0.00E+00	8.10E-02		
Washington	All Urban Counties	N/A	U	Vinyl Chloride	1.47E-05	5.18E-05	1.24E-04	2.65E-04	8.01E-04	5.34E-04	9.82E-04	1.79E-03	4.47E-04	3.54E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Acetaldehyde	2.59E-02	2.97E-02	4.31E-02	7.78E-02	1.57E-01	1.94E-01	2.96E-01	4.04E-01	1.15E-02	6.79E-02	5.20E-02	2.52E-02	0.00E+00		
Washington	All Rural Counties	N/A	R	Acrolein	1.50E-02	2.01E-02	2.72E-02	4.31E-02	5.18E-02	6.15E-02	7.95E-02	1.31E-01	1.16E-04	4.21E-02	6.91E-03	2.66E-03	0.00E+00		
Washington	All Rural Counties	N/A	R	Acrylonitrile	1.16E-06	2.53E-06	1.06E-05	3.61E-05	1.81E-04	1.33E-04	2.83E-04	4.72E-04	2.00E-05	1.61E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Arsenic Compounds	9.67E-07	1.59E-06	3.78E-06	1.06E-05	4.66E-05	2.27E-05	4.67E-05	6.48E-05	1.89E-06	3.23E-05	8.76E-06	3.61E-06	0.00E+00		
Washington	All Rural Counties	N/A	R	Benzene	5.31E-01	5.46E-01	5.79E-01	6.53E-01	7.63E-01	8.69E-01	1.15E+00	1.37E+00	1.04E-03	1.20E-01	1.19E-01	4.27E-02	4.80E-01		
Washington	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-12	0.00E+00	0.00E+00	7.15E-13	0.00E+00	3.32E-12	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Beryllium Compounds	2.00E-08	2.84E-08	9.71E-08	4.66E-07	1.14E-06	1.17E-06	2.16E-06	2.72E-06	8.76E-08	8.02E-07	0.00E+00	2.51E-07	0.00E+00		
Washington	All Rural Counties	N/A	R	1,3-Butadiene	5.25E-03	6.80E-03	1.03E-02	1.44E-02	2.29E-02	2.63E-02	4.23E-02	7.77E-02	2.10E-06	1.27E-02	7.28E-03	2.96E-03	0.00E+00		
Washington	All Rural Counties	N/A	R	Cadmium Compounds	5.29E-08	1.11E-07	2.82E-07	1.58E-06	7.28E-06	3.74E-06	6.55E-06	1.36E-05	1.24E-06	5.74E-06	0.00E+00	2.93E-07	0.00E+00		
Washington	All Rural Counties	N/A	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.73E-02	4.82E-02	4.81E-02	4.99E-02	5.11E-02	7.17E-04	4.93E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.82E-01	8.84E-01	5.64E-04	1.07E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.31E-02	8.35E-02	8.54E-02	9.18E-02	9.27E-02	1.04E-01	1.15E-01	4.63E-03	4.13E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	4.53E-07	8.36E-07	2.56E-06	1.06E-05	1.54E-04	3.31E-05	1.71E-04	5.93E-04	6.09E-06	1.41E-04	5.91E-06	6.32E-07	0.00E+00		
Washington	All Rural Counties	N/A	R	Chromium VI	1.76E-07	3.51E-07	1.02E-06	3.18E-06	1.48E-05	8.75E-06	2.32E-05	4.77E-05	1.70E-06	1.05E-05	2.35E-06	2.15E-07	0.00E+00		
Washington	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	1,4-Dichlorobenzene	1.85E-04	2.81E-04	8.76E-04	3.14E-03	7.81E-03	1.11E-02	2.94E-02	1.84E-06	7.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	1,3-Dichloropropene	3.70E-04	5.57E-04	1.71E-03	5.85E-03	1.54E-02	2.19E-02	4.41E-02	5.94E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.12E-08	9.71E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	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	6.13E-02	6.15E-02	5.96E-05	1.79E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	All Rural Counties	N/A	R	Ethylene Oxide	1.07E-06	3.95E-06	1.16E-05	4.70E-05	2.03E-04	2.32E-04	5.01E-04	9.15E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Formaldehyde	3.29E-01	3.49E-01	3.93E-01	4.62E-01	5.55E-01	6.05E-01	7.56E-01	1.05E+00	2.80E-02	1.90E-01	5.23E-02	3.44E-02	2.50E-01		
Washington	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.34E-05	9.36E-05	9.41E-05	9.45E-05	0.00E+00	4.25E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	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	5.55E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-07	0.00E+00	9.29E-07	1.66E-06	1.65E-07	1.45E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Hydrazine	0.00E+00	5.73E-13	2.73E-11	3.02E-10	1.61E-06	3.44E-09	3.86E-08	9.50E-08	2.38E-10	1.61E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Lead Compounds	2.14E-06	6.05E-06	4.30E-05	1.62E-04	5.96E-04	4.62E-04	1.09E-03	2.60E-03	5.44E-05	1.75E-04	0.00E+00	3.66E-04	0.00E+00		
Washington																			

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	All Rural Counties	N/A	R	7-PAH	5.34E-04	7.16E-04	1.10E-03	1.60E-03	2.03E-03	2.36E-03	3.83E-03	5.47E-03	1.39E-04	1.86E-03	1.52E-05	1.16E-05	0.00E+00		
Washington	All Rural Counties	N/A	R	Propylene Dichloride	3.47E-08	1.34E-07	5.19E-07	1.79E-06	1.03E-05	7.34E-06	1.70E-05	2.74E-05	1.21E-06	9.14E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Quinoline	0.00E+00	1.24E-11	4.13E-10	3.81E-09	1.48E-05	1.40E-08	1.42E-07	2.17E-07	1.48E-05	2.65E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	7.66E-09	1.04E-07	2.41E-06	9.28E-06	8.25E-05	4.80E-05	1.03E-04	2.45E-04	1.11E-05	7.15E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	All Rural Counties	N/A	R	Trichloroethylene	8.10E-02	8.11E-02	8.12E-02	8.25E-02	1.31E-01	8.61E-02	9.81E-02	1.31E-01	2.33E-03	4.80E-02	0.00E+00	0.00E+00	8.10E-02		
Washington	All Rural Counties	N/A	R	Vinyl Chloride	3.65E-08	6.07E-07	7.01E-06	2.49E-05	2.31E-04	1.26E-04	4.03E-04	1.07E-03	2.73E-05	2.04E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	Acetaldehyde	2.81E-02	2.81E-02	6.55E-02	1.24E-01	9.52E-02	1.29E-01	1.30E-01	1.30E-01	0.00E+00	5.63E-02	1.31E-02	2.58E-02	0.00E+00		
Washington	Adams County	53001	R	Acrolein	7.29E-03	7.29E-03	1.91E-02	2.68E-02	2.14E-02	2.69E-02	2.69E-02	2.69E-02	0.00E+00	1.73E-02	2.68E-03	1.45E-03	0.00E+00		
Washington	Adams County	53001	R	Acrylonitrile	1.73E-06	1.73E-06	1.56E-05	2.93E-05	2.33E-05	3.25E-05	3.73E-05	3.73E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	Arsenic Compounds	4.14E-06	4.14E-06	1.02E-05	1.16E-05	1.01E-05	1.23E-05	1.23E-05	1.23E-05	0.00E+00	1.81E-06	3.03E-06	5.25E-06	0.00E+00		
Washington	Adams County	53001	R	Benzene	5.15E-01	5.15E-01	5.77E-01	6.11E-01	5.88E-01	6.16E-01	6.22E-01	6.22E-01	0.00E+00	5.42E-02	3.74E-02	1.65E-02	4.80E-01		
Washington	Adams County	53001	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		
Washington	Adams County	53001	R	Beryllium Compounds	4.20E-07	4.20E-07	8.85E-07	9.62E-07	9.04E-07	9.88E-07	1.26E-06	1.26E-06	0.00E+00	4.84E-07	0.00E+00	4.19E-07	0.00E+00		
Washington	Adams County	53001	R	1,3-Butadiene	2.04E-03	2.04E-03	1.00E-02	1.03E-02	8.80E-03	1.06E-02	1.10E-02	1.10E-02	0.00E+00	5.25E-03	1.90E-03	1.65E-03	0.00E+00		
Washington	Adams County	53001	R	Cadmium Compounds	4.75E-07	4.75E-07	1.28E-06	1.58E-06	1.36E-06	1.66E-06	1.78E-06	1.78E-06	0.00E+00	9.38E-07	0.00E+00	4.18E-07	0.00E+00		
Washington	Adams County	53001	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.74E-02	4.72E-02	4.74E-02	4.74E-02	4.74E-02	0.00E+00	2.41E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Adams County	53001	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	5.92E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Adams County	53001	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.38E-02	8.35E-02	8.39E-02	8.40E-02	8.40E-02	0.00E+00	5.35E-04	0.00E+00	0.00E+00	8.30E-02		
Washington	Adams County	53001	R	Chromium Compounds (includes Hexavalent)	1.58E-06	1.58E-06	3.74E-06	4.00E-06	3.53E-06	4.16E-06	4.18E-06	4.18E-06	0.00E+00	1.20E-06	2.02E-06	3.13E-07	0.00E+00		
Washington	Adams County	53001	R	Chromium VI	6.20E-07	6.20E-07	1.65E-06	1.73E-06	1.73E-06	1.88E-06	1.96E-06	1.96E-06	0.00E+00	6.34E-07	8.27E-07	1.06E-07	0.00E+00		
Washington	Adams County	53001	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		
Washington	Adams County	53001	R	1,4-Dichlorobenzene	1.46E-04	1.46E-04	2.91E-04	8.00E-03	5.58E-03	8.85E-03	1.06E-02	1.06E-02	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	1,3-Dichloropropene	2.78E-04	2.78E-04	5.82E-04	1.62E-02	1.13E-02	1.79E-02	2.16E-02	2.16E-02	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	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	6.64E-09	0.00E+00	0.00E+00	7.70E-03		
Washington	Adams County	53001	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	9.63E-07	0.00E+00	0.00E+00	6.10E-02		
Washington	Adams County	53001	R	Ethylene Oxide	9.05E-07	9.05E-07	4.63E-06	4.25E-05	8.39E-05	7.69E-05	2.95E-04	2.95E-04	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	Formaldehyde	3.01E-01	3.01E-01	3.82E-01	4.74E-01	4.22E-01	4.75E-01	4.76E-01	4.76E-01	0.00E+00	1.15E-01	1.60E-02	4.08E-02	2.50E-01		
Washington	Adams County	53001	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.35E-05	9.34E-05	9.35E-05	9.36E-05	9.36E-05	0.00E+00	3.81E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Adams County	53001	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	3.57E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Adams County	53001	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		
Washington	Adams County	53001	R	Hydrazine	4.71E-11	4.71E-11	5.07E-11	3.31E-10	2.24E-10	3.44E-10	3.46E-10	3.46E-10	0.00E+00	2.24E-10	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	Lead Compounds	2.14E-06	2.14E-06	6.05E-06	1.83E-04	1.16E-04	1.92E-04	1.97E-04	1.97E-04	0.00E+00	2.32E-05	0.00E+00	9.27E-05	0.00E+00		
Washington	Adams County	53001	R	Manganese Compounds	7.38E-07	7.38E-07	1.85E-06	6.66E-06	5.00E-06	7.66E-06	8.10E-06	8.10E-06	0.00E+00	3.88E-06	6.56E-07	4.68E-07	0.00E+00		
Washington	Adams County	53001	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	1.59E-06	3.49E-06	4.88E-06	1.50E-03		
Washington	Adams County	53001	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.82E-01	1.71E-01	1.85E-01	1.89E-01	1.89E-01	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Adams County	53001	R	Nickel Compounds	2.02E-06	2.02E-06	4.58E-06	6.80E-05	6.06E-05	1.12E-04	1.16E-04	1.16E-04	0.00E+00	5.82E-05	1.47E-06	8.83E-07	0.00E+00		
Washington	Adams County	53001	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.44E-01	1.43E-01	1.45E-01	1.45E-01	1.45E-01	0.00E+00	2.86E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Adams County	53001	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.82E-04	4.37E-04	4.18E-04	4.42E-04	4.49E-04	4.49E-04	0.00E+00	3.83E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Adams County	53001	R	Polycyclic Organic Matter	1.23E-03	1.23E-03	3.40E-03	1.16E-02	8.39E-03	1.24E-02	1.34E-02	1.34E-02	0.00E+00	7.23E-03	6.98E-04	4.60E-04	0.00E+00		
Washington	Adams County	53001	R	7-PAH	1.98E-04	1.98E-04	6.40E-04	1.20E-03	9.09E-04	1.24E-03	1.27E-03	1.27E-03	0.00E+00	9.01E-04	4.67E-06	3.46E-06	0.00E+00		
Washington	Adams County	53001	R	Propylene Dichloride	9.97E-08	9.97E-08	9.09E-07	9.46E-07	8.35E-07	1.04E-06	1.18E-06	1.18E-06	0.00E+00	8.35E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	Quinoline	2.29E-10	2.29E-10	1.34E-09	8.78E-09	5.64E-09	8.83E-09	9.01E-09	9.01E-09	0.00E+00	5.64E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	1,1,2,2-Tetrachloroethane	1.35E-07	1.35E-07	1.50E-07	1.72E-07	1.83E-06	6.66E-07	8.01E-06	8.01E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Adams County	53001	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.46E-02	8.34E-02	8.49E-02	8.54E-02	8.54E-02	0.00E+00	2.42E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Adams County	53001	R	Vinyl Chloride	7.81E-07	7.81E-07	8.30E-07	9.10E-07	4.79E-06	1.69E-06	1.97E-05	1.97E-05	0.00E+00	4.79E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	Acetaldehyde	2.43E-01	2.43E-01	5.17E-01	1.32E+00	1.04E+00	1.38E+00	1.43E+00	1.43E+00	7.24E-02	8.41E-01	8.22E-02	3.99E-02	0.00E+00		
Washington	Asotin County	53003	R	Acrolein	1.16E-01	1.16E-01	1.40E-01	2.51E-01	2.13E-01	2.59E-01	2.60E-01	2.60E-01	1.15E-04	1.98E-01	1.18E-02	2.84E-03	0.00E+00		
Washington	Asotin County	53003	R	Acrylonitrile	1.54E-04	1.54E-04	1.80E-04	2.01E-04	2.16E-04	2.66E-04	2.92E-04	2.92E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	Arsenic Compounds	1.28E-05	1.28E-05	1.71E-04	1.03E-03	8.41E-04	1.39E-03	1.41E-03	1.41E-03	0.00E+00	8.11E-04	1.93E-05	1.07E-05	0.00E+00		
Washington	Asotin County	53003	R	Benzene	7.09E-01	7.09E-01	8.15E-01	1.54E+00	1.29E+00	1.57E+00	1.59E+00	1.59E+00	3.56E-03	4.68E-01	2.99E-01	4.21E-02	4.80E-01		
Washington	Asotin County	53003	R	Benzidine	6.20E-12	6.20E-12	1.08E-11	1.17E-10	8.86E-11	1.40E-10	1.41E-10	1.41E-10	0.00E+00	8.86E-11	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	Beryllium Compounds	4.88E-07	4.88E-07	2.43E-06	1.51E-05	1.21E-05	1.99E-05	2.00E-05	2.00E-05	0.00E+00	1.21E-05	0.00E+00	6.00E-09	0.00E+00		
Washington	Asotin County	53003	R	1,3-Butadiene	3.77E-02	3.77E-02	4.27E-02	1.09E-01	8.77E-02	1.11E-01	1.17E-01	1.17E-01	0.00E+00	5.93E-02	2.43E-02	4.01E-03	0.00E+00		
Washington	Asotin County	53003	R	Cadmium Compounds	3.56E-06	3.56E-06	3.06E-05	1.57E-04	1.28E-04	2.02E-04	2.19E-04	2.19E-04	1.47E-05	1.13E-04	0.00E+00	4.01E-08	0.00E+00		
Washington	Asotin County	53003	R	Carbon Disulfide	4.74E-02	4.74E-02	5.21E-02	5.85E-02	5.84E-02	6.39E-02	7.02E-02	7.02E-02	1.01E-02	1.29E-03	0.00E+00	0.00E+00	4.70E-02		
Washington	Asotin County	53003	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.82E-01	8.81E-01	8.82E-01	8.83E-01	8.83E-01	7.71E-04	5.82E-04	0.00E+00	0.00E+00	8.80E-01		
Washington																			

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Asotin County	53003	R	Ethylene Oxide	1.46E-04	1.46E-04	4.06E-04	1.31E-03	1.17E-03	1.87E-03	2.01E-03	2.01E-03	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	Formaldehyde	8.54E-01	8.54E-01	1.05E+00	1.69E+00	1.46E+00	1.71E+00	1.73E+00	1.73E+00	1.45E-02	1.03E+00	1.09E-01	5.55E-02	2.50E-01		
Washington	Asotin County	53003	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.34E-05	9.44E-05	9.40E-05	9.45E-05	9.45E-05	9.45E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	9.30E-05		
Washington	Asotin County	53003	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	1.34E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Asotin County	53003	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		
Washington	Asotin County	53003	R	Hydrazine	9.50E-08	9.50E-08	4.07E-06	5.35E-05	4.29E-05	7.62E-05	7.62E-05	7.62E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	Lead Compounds	6.51E-05	6.51E-05	1.20E-03	6.16E-03	4.89E-03	6.69E-03	9.08E-03	9.08E-03	1.34E-04	3.02E-03	0.00E+00	1.74E-03	0.00E+00		
Washington	Asotin County	53003	R	Manganese Compounds	2.28E-04	2.28E-04	1.17E-03	4.72E-03	3.72E-03	5.57E-03	5.88E-03	5.88E-03	0.00E+00	3.71E-03	4.80E-06	1.19E-06	0.00E+00		
Washington	Asotin County	53003	R	Mercury Compounds	1.51E-03	1.51E-03	1.58E-03	1.70E-03	1.67E-03	1.75E-03	1.81E-03	1.81E-03	1.15E-04	3.03E-05	2.01E-05	8.82E-06	1.50E-03		
Washington	Asotin County	53003	R	Methylene Chloride	1.56E-01	1.56E-01	1.94E-01	3.19E-01	3.03E-01	3.89E-01	4.43E-01	4.43E-01	6.66E-02	8.66E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Asotin County	53003	R	Nickel Compounds	1.42E-05	1.42E-05	4.91E-05	2.96E-04	2.32E-04	3.42E-04	3.96E-04	3.96E-04	0.00E+00	2.12E-04	1.12E-05	9.42E-06	0.00E+00		
Washington	Asotin County	53003	R	Perchloroethylene	1.72E-01	1.72E-01	2.25E-01	6.58E-01	5.31E-01	7.34E-01	7.41E-01	7.41E-01	1.72E-03	3.90E-01	0.00E+00	0.00E+00	1.40E-01		
Washington	Asotin County	53003	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	4.15E-04	5.25E-04	4.91E-04	5.41E-04	5.47E-04	5.47E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	3.80E-04		
Washington	Asotin County	53003	R	Polycyclic Organic Matter	1.66E-02	1.66E-02	3.67E-02	1.23E-01	9.57E-02	1.37E-01	1.39E-01	1.39E-01	2.15E-02	6.70E-02	5.32E-03	1.86E-03	0.00E+00		
Washington	Asotin County	53003	R	7-PAH	3.83E-03	3.83E-03	4.24E-03	6.80E-03	6.32E-03	7.32E-03	7.41E-03	7.41E-03	0.00E+00	6.02E-03	3.36E-05	1.46E-05	0.00E+00		
Washington	Asotin County	53003	R	Propylene Dichloride	1.02E-05	1.02E-05	1.62E-05	1.72E-05	1.65E-05	1.83E-05	2.02E-05	2.02E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	Quinoline	1.21E-09	1.21E-09	2.47E-08	1.45E-07	1.20E-07	2.00E-07	2.03E-07	2.03E-07	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	1,1,2,2-Tetrachloroethane	4.78E-05	4.78E-05	5.01E-05	5.54E-05	7.48E-05	7.91E-05	1.61E-04	1.61E-04	0.00E+00	7.48E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Asotin County	53003	R	Trichloroethylene	1.92E-01	1.92E-01	3.69E-01	1.69E+00	1.30E+00	1.91E+00	1.97E+00	1.97E+00	4.46E-02	1.18E+00	0.00E+00	0.00E+00	8.10E-02		
Washington	Asotin County	53003	R	Vinyl Chloride	3.41E-04	3.41E-04	4.38E-04	1.22E-03	8.99E-04	1.22E-03	1.25E-03	1.25E-03	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Benton County	53005	U	Acetaldehyde	1.08E-01	1.16E-01	1.53E-01	2.69E-01	3.34E-01	3.63E-01	7.08E-01	9.36E-01	1.02E-02	1.15E-01	1.53E-01	5.54E-02	0.00E+00		
Washington	Benton County	53005	U	Acrolein	1.89E-02	2.70E-02	3.76E-02	7.44E-02	9.09E-02	1.05E-01	1.44E-01	3.28E-01	1.16E-04	6.33E-02	2.31E-02	4.39E-03	0.00E+00		
Washington	Benton County	53005	U	Acrylonitrile	6.06E-05	6.44E-05	1.11E-04	1.31E-04	2.31E-04	2.42E-04	5.88E-04	7.07E-04	2.00E-05	2.11E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Benton County	53005	U	Arsenic Compounds	1.16E-05	1.31E-05	2.46E-05	4.52E-05	4.73E-05	6.29E-05	6.59E-05	1.02E-04	3.54E-06	8.80E-06	2.52E-05	9.81E-06	0.00E+00		
Washington	Benton County	53005	U	Benzene	6.09E-01	6.75E-01	7.75E-01	1.07E+00	1.16E+00	1.27E+00	1.84E+00	2.02E+00	2.93E-04	1.68E-01	4.26E-01	8.22E-02	4.80E-01		
Washington	Benton County	53005	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		
Washington	Benton County	53005	U	Beryllium Compounds	8.29E-07	9.07E-07	1.94E-06	4.43E-06	4.59E-06	6.57E-06	9.39E-06	9.48E-06	2.64E-07	3.45E-06	0.00E+00	8.70E-07	0.00E+00		
Washington	Benton County	53005	U	1,3-Butadiene	6.13E-03	8.71E-03	1.23E-02	4.57E-02	6.42E-02	6.54E-02	1.31E-01	2.70E-01	0.00E+00	2.86E-02	2.66E-02	8.94E-03	0.00E+00		
Washington	Benton County	53005	U	Cadmium Compounds	1.28E-06	1.30E-06	3.70E-06	7.39E-06	7.32E-06	9.80E-06	1.31E-05	1.43E-05	1.40E-06	5.05E-06	0.00E+00	8.75E-07	0.00E+00		
Washington	Benton County	53005	U	Carbon Disulfide	4.73E-02	4.75E-02	4.84E-02	4.86E-02	4.87E-02	4.89E-02	4.92E-02	4.94E-02	8.20E-04	8.45E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Benton County	53005	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	1.17E-03	4.89E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Benton County	53005	U	Chloroform	8.72E-02	8.75E-02	9.98E-02	1.19E-01	1.19E-01	1.29E-01	1.46E-01	1.58E-01	6.03E-03	2.97E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Benton County	53005	U	Chromium Compounds (includes Hexavalent)	7.04E-06	7.40E-06	2.11E-05	3.29E-05	3.43E-05	4.33E-05	4.63E-05	7.99E-05	4.31E-06	7.55E-06	2.10E-05	1.41E-06	0.00E+00		
Washington	Benton County	53005	U	Chromium VI	2.74E-06	3.03E-06	8.19E-06	1.36E-05	1.39E-05	1.79E-05	1.89E-05	3.21E-05	1.54E-06	3.54E-06	8.37E-06	4.79E-07	0.00E+00		
Washington	Benton County	53005	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		
Washington	Benton County	53005	U	1,4-Dichlorobenzene	1.51E-03	3.69E-03	9.26E-03	2.37E-02	2.37E-02	3.24E-02	4.53E-02	5.35E-02	1.83E-06	2.37E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Benton County	53005	U	1,3-Dichloropropene	2.82E-03	7.03E-03	1.86E-02	4.81E-02	4.80E-02	6.62E-02	9.25E-02	1.09E-01	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Benton County	53005	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	1.12E-08	2.27E-07	0.00E+00	0.00E+00	7.70E-03		
Washington	Benton County	53005	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	1.07E-04	2.87E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Benton County	53005	U	Ethylene Oxide	1.94E-05	2.74E-05	8.87E-05	2.25E-04	4.06E-04	4.53E-04	6.13E-04	1.35E-03	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Benton County	53005	U	Formaldehyde	4.00E-01	4.23E-01	4.82E-01	6.77E-01	8.45E-01	9.49E-01	1.20E+00	2.56E+00	1.86E-03	3.43E-01	1.69E-01	8.06E-02	2.50E-01		
Washington	Benton County	53005	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.41E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Benton County	53005	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	2.32E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Benton County	53005	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		
Washington	Benton County	53005	U	Hydrazine	4.81E-10	2.40E-09	7.41E-09	2.97E-08	4.10E-08	7.69E-08	8.45E-08	1.36E-07	0.00E+00	4.10E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Benton County	53005	U	Lead Compounds	1.08E-04	2.16E-04	4.66E-04	7.23E-04	8.11E-04	1.16E-03	1.49E-03	1.82E-03	8.99E-05	1.05E-04	0.00E+00	6.16E-04	0.00E+00		
Washington	Benton County	53005	U	Manganese Compounds	6.35E-06	6.49E-06	4.27E-05	7.36E-05	6.58E-05	8.98E-05	9.65E-05	1.06E-04	3.93E-05	1.86E-05	6.78E-06	1.14E-06	0.00E+00		
Washington	Benton County	53005	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.60E-03	5.72E-07	9.38E-06	2.48E-05	8.77E-06	1.50E-03		
Washington	Benton County	53005	U	Methylene Chloride	1.56E-01	1.65E-01	1.86E-01	2.44E-01	2.44E-01	2.80E-01	3.49E-01	3.62E-01	1.73E-04	9.35E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Benton County	53005	U	Nickel Compounds	1.70E-05	2.68E-05	8.62E-05	1.81E-04	1.72E-04	2.31E-04	3.22E-04	4.39E-06	1.48E-04	1.57E-05	3.84E-06	0.00E+00	0.00E+00		
Washington	Benton County	53005	U	Perchloroethylene	1.42E-01	1.44E-01	1.50E-01	1.69E-01	1.78E-01	1.97E-01	2.44E-01	2.54E-01	2.49E-04	3.82E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Benton County	53005	U	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.85E-04	3.87E-04	3.88E-04	3.91E-04	3.95E-04	3.96E-04	0.00E+00	0.88E-06	0.00E+00	0.00E+00	3.80E-04		
Washington	Benton County	53005	U	Polycyclic Organic Matter	4.75E-03	1.03E-02	1.94E-02	3.84E-02	3.77E-02	4.91E-02	7.26E-02	7.35E-02	2.13E-10	2.86E-02	7.48E-03	1.68E-03	0.00E+00		
Washington	Benton County	53005	U	7-PAH	5.18E-04	5.57E-04	1.13E-03	2.14E-03	3.20E-03	3.42E-03	5.47E-03	1.47E-02	1.97E-12	3.13E-03	4.96E-05	2.00E-05	0.00E+00		
Washington	Benton County	53005	U	Propylene Dichloride	3.76E-06	3.77E-06	7.98E-06	8.66E-06	1.46E-05	1.47E-05	3.56E-05	4.38E-05	1.21E-06	1.34E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Benton County	53005	U	Quinoline	1.09E-08	2.96E-08	5.93E-08	1.26E-07	1.48E-07	2.49E-07	2.70E-07	3.97E-07	0.00E+00	1.48E-07	0.00E+00	0.00E+00</			

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Chelan County	53007	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Beryllium Compounds	3.04E-08	1.32E-07	1.79E-07	9.38E-07	1.61E-06	2.43E-06	2.76E-06	6.84E-06	0.00E+00	6.92E-07	0.00E+00	9.20E-07	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	1,3-Butadiene	9.88E-03	1.28E-02	1.66E-02	2.15E-02	2.50E-02	3.04E-02	3.68E-02	5.63E-02	0.00E+00	1.40E-02	6.84E-03	4.21E-03	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Cadmium Compounds	5.23E-08	2.02E-07	2.72E-07	1.88E-06	2.09E-06	3.13E-06	3.44E-06	7.52E-06	1.91E-07	9.80E-07	0.00E+00	9.19E-07	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.76E-02	4.74E-02	4.76E-02	5.20E-02	0.00E+00	6.05E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Washington	Chelan County	53007	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	1.50E-04	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Washington	Chelan County	53007	U	Chloroform	8.32E-02	8.35E-02	8.43E-02	8.60E-02	9.23E-02	1.00E-01	1.01E-01	1.16E-01	0.00E+00	9.32E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Washington	Chelan County	53007	U	Chromium Compounds (includes Hexavalent)	3.85E-07	1.45E-06	1.62E-06	7.78E-06	8.04E-06	9.87E-06	1.65E-05	2.33E-05	4.73E-07	1.97E-06	4.88E-06	7.20E-07	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Chromium VI	1.63E-07	6.17E-07	6.45E-07	2.84E-06	3.16E-06	3.96E-06	6.42E-06	9.65E-06	1.42E-08	9.45E-07	1.95E-06	2.45E-07	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	1,4-Dichlorobenzene	2.10E-04	5.65E-04	1.67E-03	3.44E-03	1.17E-02	2.35E-02	2.48E-02	4.47E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	1,3-Dichloropropene	3.93E-04	1.07E-03	3.37E-03	6.84E-03	2.38E-02	4.78E-02	5.05E-02	9.14E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	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	7.62E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Washington	Chelan County	53007	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	0.00E+00	1.64E-05	0.00E+00	0.00E+00	6.10E-02	0.00E+00	
Washington	Chelan County	53007	U	Ethylene Oxide	3.35E-06	1.29E-05	1.76E-05	6.81E-05	4.31E-04	9.17E-04	1.25E-03	1.52E-03	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Formaldehyde	3.82E-01	3.96E-01	4.52E-01	4.88E-01	5.03E-01	5.54E-01	5.78E-01	6.72E-01	0.00E+00	1.81E-01	3.80E-02	3.45E-02	2.50E-01	0.00E+00	
Washington	Chelan County	53007	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.32E-05	9.32E-05	9.35E-05	9.39E-05	9.40E-05	9.44E-05	0.00E+00	5.04E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00	
Washington	Chelan County	53007	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	9.06E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00	
Washington	Chelan County	53007	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Hydrazine	5.52E-12	6.55E-12	1.16E-10	1.59E-09	1.98E-09	3.17E-09	7.38E-09	1.56E-08	0.00E+00	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Lead Compounds	3.64E-06	9.95E-06	1.92E-05	8.41E-05	2.23E-04	3.71E-04	5.62E-04	8.73E-04	0.00E+00	3.92E-05	0.00E+00	1.84E-04	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Manganese Compounds	1.20E-06	3.21E-06	2.42E-05	9.39E-05	9.96E-05	1.39E-04	1.73E-04	3.27E-04	2.79E-07	9.73E-05	1.52E-06	5.53E-07	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.56E-03	0.00E+00	7.55E-06	6.74E-06	4.87E-06	1.50E-03	0.00E+00	
Washington	Chelan County	53007	U	Methylene Chloride	1.51E-01	1.55E-01	1.57E-01	2.05E-01	2.38E-01	3.02E-01	3.44E-01	4.11E-01	0.00E+00	8.77E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Washington	Chelan County	53007	U	Nickel Compounds	1.40E-04	1.51E-04	5.53E-04	5.74E-03	1.03E-02	8.60E-03	1.18E-02	7.21E-02	0.00E+00	1.03E-02	3.66E-06	1.02E-06	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Perchloroethylene	1.40E-01	1.40E-01	1.42E-01	1.45E-01	1.49E-01	1.58E-01	1.58E-01	1.72E-01	0.00E+00	9.39E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Washington	Chelan County	53007	U	Polychlorinated Biphenyls	3.81E-04	3.83E-04	3.91E-04	3.99E-04	4.37E-04	4.87E-04	4.98E-04	5.53E-04	0.00E+00	5.71E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Washington	Chelan County	53007	U	Polycyclic Organic Matter	3.28E-03	5.12E-03	8.62E-03	3.75E-02	5.75E-02	8.75E-02	1.00E-01	2.24E-01	4.10E-02	1.39E-02	1.79E-03	8.89E-04	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	7-PAH	1.21E-03	1.41E-03	1.83E-03	2.17E-03	2.16E-03	2.62E-03	2.72E-03	3.18E-03	1.03E-04	2.04E-03	1.19E-05	1.00E-05	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Propylene Dichloride	4.47E-07	5.65E-07	7.82E-07	3.41E-06	9.23E-06	6.73E-06	2.19E-05	5.82E-05	0.00E+00	9.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Quinoline	9.66E-11	1.29E-10	6.11E-10	6.74E-09	6.60E-09	1.02E-08	1.11E-08	2.24E-08	0.00E+00	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	1,1,2,2-Tetrachloroethane	3.92E-06	5.03E-06	6.60E-06	2.53E-05	7.05E-05	4.93E-05	1.94E-04	4.17E-04	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Chelan County	53007	U	Trichloroethylene	8.11E-02	8.12E-02	8.14E-02	8.26E-02	8.64E-02	9.03E-02	9.28E-02	1.05E-01	0.00E+00	5.44E-03	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Washington	Chelan County	53007	U	Vinyl Chloride	9.67E-06	1.24E-05	1.63E-05	6.26E-05	1.74E-04	1.22E-04	4.78E-04	1.03E-03	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Acetaldehyde	3.79E-02	4.26E-02	5.06E-02	1.07E-01	1.30E-01	1.84E-01	2.56E-01	2.85E-01	7.95E-03	3.10E-02	3.48E-02	5.61E-02	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Acrolein	2.36E-02	2.50E-02	3.62E-02	4.65E-02	4.45E-02	5.14E-02	6.54E-02	6.58E-02	1.70E-04	3.41E-02	5.19E-03	5.01E-03	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Acrylonitrile	1.16E-06	1.35E-06	1.83E-05	3.34E-05	1.32E-04	1.59E-04	3.73E-04	5.67E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Arsenic Compounds	1.33E-06	1.52E-06	5.95E-06	1.00E-05	1.78E-05	2.05E-05	3.37E-05	6.92E-05	3.31E-06	1.15E-06	7.81E-06	5.55E-06	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Benzene	5.73E-01	5.78E-01	6.38E-01	7.32E-01	8.16E-01	8.89E-01	9.13E-01	1.65E+00	2.76E-04	1.09E-01	1.25E-01	1.02E-01	4.80E-01	0.00E+00	
Washington	Clallam County	53009	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	0.00E+00	
Washington	Clallam County	53009	R	Beryllium Compounds	4.04E-09	5.64E-09	6.53E-08	4.18E-07	6.45E-07	7.21E-07	1.28E-06	1.83E-06	1.51E-07	4.75E-07	0.00E+00	1.92E-08	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	1,3-Butadiene	8.35E-03	8.78E-03	1.17E-02	2.15E-02	2.81E-02	3.11E-02	3.72E-02	9.61E-02	0.00E+00	1.25E-02	9.66E-03	5.92E-03	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Cadmium Compounds	5.29E-08	1.09E-07	3.99E-07	1.65E-06	2.14E-06	3.74E-06	4.54E-06	4.86E-06	1.02E-06	8.51E-07	0.00E+00	2.68E-07	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.75E-02	4.76E-02	4.78E-02	4.82E-02	4.91E-02	1.58E-04	4.76E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Washington	Clallam County	53009	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	2.27E-04	9.43E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Washington	Clallam County	53009	R	Chloroform	8.30E-02	8.30E-02	8.35E-02	8.61E-02	8.56E-02	8.71E-02	8.75E-02	8.94E-02	1.17E-03	1.46E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Washington	Clallam County	53009	R	Chromium Compounds (includes Hexavalent)	6.79E-07	8.36E-07	5.62E-06	1.19E-05	1.55E-05	1.71E-05	3.31E-05	5.83E-05	3.51E-06	4.75E-06	5.60E-06	1.63E-06	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	Chromium VI	2.47E-07	3.56E-07	2.01E-06	3.40E-06	5.17E-06	6.85E-06	1.23E-05	1.79E-05	1.47E-06	8.81E-07	2.27E-06	5.54E-07	0.00E+00	0.00E+00	
Washington	Clallam County	53009	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	0.00E+00	
Washington	Clallam County	53009	R	1,4-Dichlorobenzene	2.74E-04	2.81E-04	1.81E-03	5.62E-03	1.71E-02	3.45E-02	2.25E-02	4.58E-02	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Clallam County	53009	R	1,3-Dichloropropene	5.51E-04	5.57E-04	3.64E-03	9.14E-03	1.72E-02	2.88E-02	4.59E-02	4.59E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Washington	Clallam County	53009	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	8.47E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Washington	Clallam County	53009	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02											

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Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Cllallam County	53009	R	Perchloroethylene	1.40E-01	1.41E-01	1.44E-01	1.49E-01	1.50E-01	1.56E-01	1.59E-01	1.59E-01	4.09E-05	9.70E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Cllallam County	53009	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.88E-04	4.06E-04	4.24E-04	4.72E-04	4.81E-04	4.89E-04	0.00E+00	4.44E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Cllallam County	53009	R	Polycyclic Organic Matter	2.38E-03	3.23E-03	6.14E-03	1.08E-02	1.49E-02	2.11E-02	3.13E-02	3.96E-02	7.48E-01	1.22E-02	1.99E-03	7.16E-04	0.00E+00		
Washington	Cllallam County	53009	R	7-PAH	6.24E-04	7.17E-04	1.10E-03	1.75E-03	1.66E-03	2.13E-03	2.36E-03	2.87E-03	6.93E-12	1.61E-03	1.38E-05	3.03E-05	0.00E+00		
Washington	Cllallam County	53009	R	Propylene Dichloride	3.47E-08	5.80E-08	1.04E-06	1.79E-06	7.29E-06	8.50E-06	2.02E-05	3.19E-05	0.00E+00	7.29E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Cllallam County	53009	R	Quinoline	0.00E+00	0.00E+00	3.21E-09	7.89E-09	3.56E-08	3.98E-08	7.38E-08	2.21E-07	0.00E+00	3.56E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Cllallam County	53009	R	1,1,2,2-Tetrachloroethane	6.42E-08	1.04E-07	5.19E-06	9.28E-06	5.55E-05	7.16E-05	1.64E-04	2.69E-04	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Cllallam County	53009	R	Trichloroethylene	8.11E-02	8.11E-02	8.15E-02	8.24E-02	8.39E-02	8.61E-02	8.87E-02	9.03E-02	4.06E-05	2.84E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Cllallam County	53009	R	Vinyl Chloride	1.63E-07	3.13E-07	1.40E-05	2.44E-05	1.38E-04	1.77E-04	4.03E-04	6.63E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	Acetaldehyde	3.53E-01	5.44E-01	8.76E-01	1.20E+00	1.26E+00	1.66E+00	1.91E+00	2.19E+00	2.35E-01	7.54E-02	6.75E-01	2.78E-01	0.00E+00		
Washington	Clark County	53011	U	Acrolein	8.34E-02	8.73E-02	1.06E-01	1.30E-01	1.31E-01	1.53E-01	1.79E-01	1.90E-01	2.24E-03	5.08E-02	5.50E-02	2.33E-02	0.00E+00		
Washington	Clark County	53011	U	Acrylonitrile	1.40E-04	2.13E-04	4.54E-04	5.42E-04	6.52E-04	7.19E-04	1.25E-03	1.55E-03	2.43E-04	4.09E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	Arsenic Compounds	5.32E-05	5.63E-05	7.09E-05	9.42E-05	1.06E-04	1.27E-04	1.71E-04	1.89E-04	1.11E-05	1.29E-05	5.93E-05	2.30E-05	0.00E+00		
Washington	Clark County	53011	U	Benzene	9.94E-01	1.04E+00	1.31E+00	1.57E+00	1.72E+00	2.06E+00	2.46E+00	2.73E+00	1.65E-02	2.64E-01	8.15E-01	1.44E-01	4.80E-01		
Washington	Clark County	53011	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		
Washington	Clark County	53011	U	Beryllium Compounds	2.34E-06	2.49E-06	3.25E-06	4.47E-06	6.97E-06	7.81E-06	1.48E-05	1.94E-05	7.28E-07	3.70E-06	0.00E+00	2.54E-06	0.00E+00		
Washington	Clark County	53011	U	1,3-Butadiene	2.07E-02	2.24E-02	2.98E-02	4.49E-02	6.17E-02	8.17E-02	1.19E-01	1.38E-01	2.08E-05	6.77E-03	4.20E-02	1.30E-02	0.00E+00		
Washington	Clark County	53011	U	Cadmium Compounds	1.33E-05	1.36E-05	1.50E-05	1.79E-05	1.96E-05	2.20E-05	2.89E-05	3.26E-05	2.98E-06	1.28E-05	0.00E+00	3.85E-06	0.00E+00		
Washington	Clark County	53011	U	Carbon Disulfide	5.42E-02	5.76E-02	6.39E-02	7.05E-02	7.24E-02	7.88E-02	8.92E-02	9.51E-02	1.42E-02	1.12E-02	0.00E+00	0.00E+00	4.70E-02		
Washington	Clark County	53011	U	Carbon Tetrachloride	8.86E-01	8.91E-01	8.95E-01	9.02E-01	9.01E-01	9.05E-01	9.09E-01	9.11E-01	2.01E-02	9.41E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Clark County	53011	U	Chloroform	1.26E-01	1.59E-01	1.92E-01	2.32E-01	2.28E-01	2.55E-01	2.87E-01	3.08E-01	1.04E-01	4.09E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Clark County	53011	U	Chromium Compounds (includes Hexavalent)	2.29E-04	4.29E-04	5.69E-04	7.71E-04	1.02E-03	1.22E-03	1.91E-03	2.39E-03	1.21E-05	9.56E-04	4.86E-05	7.47E-06	0.00E+00		
Washington	Clark County	53011	U	Chromium VI	3.52E-05	4.36E-05	6.79E-05	1.01E-04	1.74E-04	1.82E-04	3.75E-04	5.50E-04	4.16E-06	1.48E-04	1.94E-05	2.54E-06	0.00E+00		
Washington	Clark County	53011	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		
Washington	Clark County	53011	U	1,4-Dichlorobenzene	1.36E-02	1.69E-02	2.86E-02	4.16E-02	4.13E-02	5.02E-02	6.16E-02	7.00E-02	2.24E-05	4.13E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	1,3-Dichloropropene	2.52E-02	3.12E-02	5.54E-02	8.10E-02	8.10E-02	9.91E-02	1.21E-01	1.39E-01	0.00E+00	8.10E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	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	1.36E-07	4.40E-07	0.00E+00	0.00E+00	7.70E-03		
Washington	Clark County	53011	U	Ethylene Dichloride	6.16E-02	6.20E-02	6.24E-02	6.29E-02	6.28E-02	6.32E-02	6.34E-02	6.37E-02	1.82E-03	2.03E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Clark County	53011	U	Ethylene Oxide	1.39E-04	1.92E-04	2.83E-04	5.20E-04	8.46E-04	1.00E-03	2.02E-03	2.69E-03	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	Formaldehyde	7.26E-01	8.13E-01	1.01E+00	1.19E+00	1.33E+00	1.57E+00	1.92E+00	2.12E+00	3.86E-02	2.23E-01	4.28E-01	3.91E-01	2.50E-01		
Washington	Clark County	53011	U	Hexachlorobenzene	9.32E-05	9.34E-05	9.36E-05	9.38E-05	9.37E-05	9.39E-05	9.41E-05	9.41E-05	0.00E+00	7.40E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Clark County	53011	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	5.56E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Clark County	53011	U	Hexamethylene Diisocyanate	5.07E-06	6.14E-06	1.00E-05	1.52E-05	1.84E-05	2.38E-05	3.61E-05	4.09E-05	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	Hydrazine	5.34E-09	9.32E-09	1.75E-08	3.28E-08	5.56E-08	7.49E-08	1.35E-07	1.80E-07	0.00E+00	5.56E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	Lead Compounds	8.09E-04	1.02E-03	1.32E-03	1.86E-03	1.94E-03	2.46E-03	3.03E-03	3.38E-03	2.84E-04	8.12E-04	0.00E+00	8.42E-04	0.00E+00		
Washington	Clark County	53011	U	Manganese Compounds	1.03E-03	1.17E-03	1.66E-03	2.32E-03	2.92E-03	3.70E-03	5.74E-03	7.09E-03	1.45E-03	1.44E-03	1.56E-05	1.42E-05	0.00E+00		
Washington	Clark County	53011	U	Mercury Compounds	1.54E-03	1.55E-03	1.57E-03	1.60E-03	1.61E-03	1.63E-03	1.69E-03	1.72E-03	4.10E-06	1.92E-05	5.96E-05	2.55E-05	1.50E-03		
Washington	Clark County	53011	U	Methylene Chloride	2.27E-01	2.71E-01	3.88E-01	4.87E-01	4.81E-01	5.17E-01	6.71E-01	8.37E-01	1.33E-01	1.98E-01	0.00E+00	0.00E+00	1.50E-01		
Washington	Clark County	53011	U	Nickel Compounds	3.00E-04	3.54E-04	4.97E-04	6.97E-04	1.10E-03	1.13E-03	2.43E-03	3.27E-03	4.45E-05	7.31E-04	3.62E-05	2.86E-04	0.00E+00		
Washington	Clark County	53011	U	Perchloroethylene	1.57E-01	1.63E-01	1.80E-01	1.98E-01	1.99E-01	2.17E-01	2.27E-01	2.45E-01	4.33E-03	5.51E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Clark County	53011	U	Polychlorinated Biphenyls	4.06E-04	4.23E-04	4.46E-04	4.70E-04	4.64E-04	4.84E-04	5.05E-04	5.08E-04	0.00E+00	8.40E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Clark County	53011	U	Polycyclic Organic Matter	3.92E-02	5.09E-02	6.84E-02	8.63E-02	9.16E-02	1.05E-01	1.31E-01	1.58E-01	1.91E-02	4.99E-02	1.57E-02	6.86E-03	0.00E+00		
Washington	Clark County	53011	U	7-PAH	2.66E-03	2.76E-03	2.92E-03	3.22E-03	3.42E-03	3.58E-03	4.18E-03	5.38E-03	2.13E-04	3.02E-03	1.07E-04	7.57E-05	0.00E+00		
Washington	Clark County	53011	U	Propylene Dichloride	7.76E-06	9.91E-06	2.61E-05	2.99E-05	3.20E-05	3.64E-05	5.23E-05	6.02E-05	1.47E-05	1.73E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	Quinoline	9.42E-08	1.27E-07	1.85E-07	2.47E-07	4.88E-05	4.74E-07	9.55E-07	5.85E-04	4.85E-05	2.94E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	1,1,2,2-Tetrachloroethane	3.66E-05	3.86E-05	6.21E-05	1.90E-04	1.85E-04	2.19E-04	2.99E-04	3.58E-04	1.35E-04	4.96E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Clark County	53011	U	Trichloroethylene	8.65E-02	8.81E-02	9.35E-02	1.00E-01	1.06E-01	1.06E-01	1.25E-01	1.58E-01	3.95E-03	2.06E-02	0.00E+00	0.00E+00	8.10E-02		
Washington	Clark County	53011	U	Vinyl Chloride	9.14E-05	1.03E-04	1.78E-04	4.81E-04	4.65E-04	5.46E-04	7.40E-04	8.84E-04	3.32E-04	1.33E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	R	Acetaldehyde	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	0.00E+00	7.56E-03	1.15E-03	5.92E-03	0.00E+00		
Washington	Columbia County	53013	R	Acrolein	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	0.00E+00	8.89E-03	2.38E-04	7.69E-04	0.00E+00		
Washington	Columbia County	53013	R	Acrylonitrile	9.52E-06	9.52E-06	9.52E-06	9.52E-06	9.52E-06	9.52E-06	9.52E-06	9.52E-06	7.50E-06	2.02E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	R	Arsenic Compounds	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	1.34E-06	0.00E+00	4.01E-08	2.79E-07	1.02E-06	0.00E+00		
Washington	Columbia County	53013	R	Benzene	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	1.94E-05	1.85E-02	3.43E-03	8.83E-03	4.80E-01		
Washington	Columbia County	53013	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		
Washington	Columbia County	53013	R	Beryllium Compounds	2.18E-08	2.18E-08	2.18E-08	2.18E-08	2.18E-08	2.18E-08	2.18E-08	2.18E-08	0.00E+00	1.81E-08	0.00E+00	3.74E-09	0.00E+00		
Washington	Columbia County	53013	R	1,3-Butadiene	4.26E-03	4.26E-03	4.26E-03	4.26E-03	4.26E-03	4.26E-03	4.26E-03	4.26E-03	0.00E+00	3.25E-03	1.77E-04	8.3			

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Columbia County	53013	R	1,3-Dichloropropene	4.06E-04	4.06E-04	4.06E-04	4.06E-04	4.06E-04	4.06E-04	4.06E-04	4.06E-04	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	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	4.20E-09	8.54E-10	0.00E+00	0.00E+00	7.70E-03		
Washington	Columbia County	53013	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	9.06E-07	1.84E-07	0.00E+00	0.00E+00	6.10E-02		
Washington	Columbia County	53013	R	Ethylene Oxide	2.06E-06	2.06E-06	2.06E-06	2.06E-06	2.06E-06	2.06E-06	2.06E-06	2.06E-06	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	R	Formaldehyde	3.06E-01	3.06E-01	3.06E-01	3.06E-01	3.06E-01	3.06E-01	3.06E-01	3.06E-01	0.00E+00	3.99E-02	1.46E-03	1.46E-02	2.50E-01		
Washington	Columbia County	53013	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	6.98E-08	0.00E+00	0.00E+00	9.30E-05		
Washington	Columbia County	53013	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-09	0.00E+00	0.00E+00	1.80E-03		
Washington	Columbia County	53013	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		
Washington	Columbia County	53013	R	Hydrazine	7.12E-12	7.12E-12	7.12E-12	7.12E-12	7.12E-12	7.12E-12	7.12E-12	7.12E-12	0.00E+00	7.12E-12	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	R	Lead Compounds	6.17E-06	6.17E-06	6.17E-06	6.17E-06	6.17E-06	6.17E-06	6.17E-06	6.17E-06	0.00E+00	2.59E-06	0.00E+00	3.58E-06	0.00E+00		
Washington	Columbia County	53013	R	Manganese Compounds	3.03E-07	3.03E-07	3.03E-07	3.03E-07	3.03E-07	3.03E-07	3.03E-07	3.03E-07	0.00E+00	1.31E-07	4.86E-08	1.23E-07	0.00E+00		
Washington	Columbia County	53013	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	1.31E-09	4.79E-08	3.23E-07	8.50E-07	1.50E-03		
Washington	Columbia County	53013	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	2.61E-05	7.75E-04	0.00E+00	0.00E+00	1.50E-01		
Washington	Columbia County	53013	R	Nickel Compounds	1.68E-06	1.68E-06	1.68E-06	1.68E-06	1.68E-06	1.68E-06	1.68E-06	1.68E-06	0.00E+00	6.73E-07	1.30E-07	8.81E-07	0.00E+00		
Washington	Columbia County	53013	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.33E-05	1.20E-04	0.00E+00	0.00E+00	1.40E-01		
Washington	Columbia County	53013	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	1.85E-06	0.00E+00	0.00E+00	3.80E-04		
Washington	Columbia County	53013	R	Polycyclic Organic Matter	1.29E-03	1.29E-03	1.29E-03	1.29E-03	1.29E-03	1.29E-03	1.29E-03	1.29E-03	0.00E+00	1.16E-03	6.19E-05	7.06E-05	0.00E+00		
Washington	Columbia County	53013	R	7-PAH	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	0.00E+00	3.62E-04	3.96E-07	3.12E-06	0.00E+00		
Washington	Columbia County	53013	R	Propylene Dichloride	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	4.54E-07	1.03E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	R	Quinoline	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	0.00E+00	1.05E-10	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	R	1,1,2,2-Tetrachloroethane	4.92E-06	4.92E-06	4.92E-06	4.92E-06	4.92E-06	4.92E-06	4.92E-06	4.92E-06	4.16E-06	7.60E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Columbia County	53013	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	7.97E-06	6.36E-05	0.00E+00	0.00E+00	8.10E-02		
Washington	Columbia County	53013	R	Vinyl Chloride	1.21E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05	1.03E-05	1.88E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	U	Acetaldehyde	3.13E-01	3.35E-01	7.04E-01	1.27E+00	1.59E+00	2.51E+00	2.83E+00	4.26E+00	1.13E+00	4.82E-02	2.18E-01	1.95E-01	0.00E+00		
Washington	Cowlitz County	53015	U	Acrolein	5.53E-02	6.40E-02	7.21E-02	9.65E-02	9.26E-02	1.16E-01	1.21E-01	1.24E-01	3.42E-03	5.71E-02	2.41E-02	7.90E-03	0.00E+00		
Washington	Cowlitz County	53015	U	Acrylonitrile	2.54E-05	3.56E-05	8.56E-05	2.04E-04	5.07E-04	4.16E-04	1.18E-03	1.30E-03	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	U	Arsenic Compounds	4.80E-05	5.29E-05	6.48E-05	8.28E-05	8.98E-05	1.14E-04	1.27E-04	1.28E-04	3.98E-05	1.85E-06	2.89E-05	1.93E-05	0.00E+00		
Washington	Cowlitz County	53015	U	Benzene	7.38E-01	7.56E-01	9.71E-01	1.22E+00	1.31E+00	1.56E+00	2.01E+00	2.11E+00	3.91E-02	1.90E-01	4.80E-01	1.17E-01	4.80E-01		
Washington	Cowlitz County	53015	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		
Washington	Cowlitz County	53015	U	Beryllium Compounds	2.65E-06	3.51E-06	4.68E-06	6.65E-06	6.89E-06	9.00E-06	1.05E-05	1.22E-05	3.39E-06	1.35E-06	0.00E+00	2.15E-06	0.00E+00		
Washington	Cowlitz County	53015	U	1,3-Butadiene	1.80E-02	1.84E-02	3.36E-02	4.93E-02	6.02E-02	8.12E-02	1.20E-01	1.26E-01	3.18E-07	1.67E-02	3.24E-02	1.11E-02	0.00E+00		
Washington	Cowlitz County	53015	U	Cadmium Compounds	1.06E-05	1.48E-05	2.08E-05	2.34E-05	2.32E-05	2.68E-05	3.11E-05	3.25E-05	1.68E-05	1.88E-06	0.00E+00	4.45E-06	0.00E+00		
Washington	Cowlitz County	53015	U	Carbon Disulfide	5.33E-02	5.42E-02	5.93E-02	7.16E-02	7.01E-02	7.85E-02	8.43E-02	9.08E-02	2.06E-02	2.43E-03	0.00E+00	0.00E+00	4.70E-02		
Washington	Cowlitz County	53015	U	Carbon Tetrachloride	8.89E-01	8.90E-01	8.96E-01	9.11E-01	9.10E-01	9.21E-01	9.23E-01	9.25E-01	2.96E-02	4.33E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Cowlitz County	53015	U	Chloroform	1.38E-01	1.46E-01	1.93E-01	3.09E-01	3.52E-01	4.49E-01	5.24E-01	8.05E-01	2.58E-01	1.58E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Cowlitz County	53015	U	Chromium Compounds (includes Hexavalent)	5.16E-05	8.18E-05	9.86E-05	1.16E-04	1.14E-04	1.40E-04	1.47E-04	1.68E-04	5.40E-05	2.86E-05	2.21E-05	9.72E-06	0.00E+00		
Washington	Cowlitz County	53015	U	Chromium VI	1.97E-05	2.41E-05	2.88E-05	4.48E-05	4.65E-05	5.74E-05	7.15E-05	7.80E-05	1.92E-05	1.52E-05	8.87E-06	3.31E-06	0.00E+00		
Washington	Cowlitz County	53015	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		
Washington	Cowlitz County	53015	U	1,4-Dichlorobenzene	3.75E-03	4.54E-03	8.00E-03	2.41E-02	2.73E-02	4.14E-02	5.60E-02	6.19E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	U	1,3-Dichloropropene	7.20E-03	8.98E-03	1.49E-02	4.87E-02	5.50E-02	8.38E-02	1.14E-01	1.26E-01	0.00E+00	5.50E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	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	3.93E-07	0.00E+00	0.00E+00	7.70E-03		
Washington	Cowlitz County	53015	U	Ethylene Dichloride	6.18E-02	6.19E-02	6.24E-02	6.37E-02	6.37E-02	6.46E-02	6.50E-02	6.53E-02	2.63E-03	5.02E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Cowlitz County	53015	U	Ethylene Oxide	2.04E-05	2.11E-05	8.16E-05	1.24E-04	6.36E-04	3.36E-04	1.93E-03	3.16E-03	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	U	Formaldehyde	5.88E-01	6.48E-01	8.76E-01	1.06E+00	1.12E+00	1.29E+00	1.73E+00	1.78E+00	1.43E-01	2.40E-01	2.07E-01	2.79E-01	2.50E-01		
Washington	Cowlitz County	53015	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.32E-05	9.38E-05	9.38E-05	9.41E-05	9.43E-05	9.44E-05	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Cowlitz County	53015	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	2.56E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Cowlitz County	53015	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	5.98E-06	5.32E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	U	Hydrazine	7.80E-10	1.08E-09	5.30E-09	3.27E-08	7.08E-08	5.02E-08	1.20E-07	3.85E-07	0.00E+00	7.08E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	U	Lead Compounds	8.52E-04	9.56E-04	1.45E-03	2.24E-03	2.11E-03	2.50E-03	3.09E-03	3.42E-03	1.38E-03	1.37E-04	0.00E+00	5.90E-04	0.00E+00		
Washington	Cowlitz County	53015	U	Manganese Compounds	3.79E-04	3.92E-04	7.10E-04	1.03E-03	1.44E-03	2.08E-03	2.80E-03	3.03E-03	1.37E-03	3.88E-05	7.24E-06	2.20E-05	0.00E+00		
Washington	Cowlitz County	53015	U	Mercury Compounds	1.52E-03	1.52E-03	1.54E-03	1.56E-03	1.57E-03	1.61E-03	1.63E-03	1.65E-03	7.19E-06	1.29E-05	2.99E-05	2.50E-05	1.50E-03		
Washington	Cowlitz County	53015	U	Methylene Chloride	1.68E-01	1.71E-01	1.91E-01	2.98E-01	3.39E-01	4.11E-01	5.03E-01	6.40E-01	4.42E-02	1.44E-01	0.00E+00	0.00E+00	1.50E-01		
Washington	Cowlitz County	53015	U	Nickel Compounds	8.16E-05	1.22E-04	2.09E-04	3.14E-04	6.64E-04	4.84E-04	2.20E-03	5.63E-05	1.07E-05	1.66E-05	5.32E-04	0.00E+00	0.00E+00		
Washington	Cowlitz County	53015	U	Perchloroethylene	1.44E-01	1.45E-01	1.52E-01	1.62E-01	1.65E-01	1.76E-01	1.81E-01	1.89E-01	5.67E-03	1.93E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Cowlitz County	53015	U	Polychlorinated Biphenyls	3.93E-04	3.98E-04	4.03E-04	4.74E-04	4.64E-04	5.07E-04	5.32E-04	5.32E-04	0.00E+00	8.44E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Cowlitz County	53015	U	Polycyclic Organic Matter	5.08E-02	6.88E-02	1.29E-01	2.29E-01	3.77E-01	5.95E-01	8.76E-01	9.67E-01	3.35E-01	3.06E-02	7.07E				

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Douglas County	53017	R	Acrylonitrile	2.60E-05	2.60E-05	8.22E-05	1.29E-04	1.36E-04	1.98E-04	2.41E-04	2.41E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	R	Arsenic Compounds	1.83E-06	1.83E-06	5.23E-06	1.91E-05	1.76E-05	2.60E-05	3.85E-05	3.85E-05	0.00E+00	2.01E-06	1.07E-05	4.90E-06	0.00E+00		
Washington	Douglas County	53017	R	Benzene	5.46E-01	5.46E-01	5.92E-01	8.02E-01	7.67E-01	8.74E-01	1.05E+00	1.05E+00	0.00E+00	9.92E-02	1.43E-01	4.43E-02	4.80E-01		
Washington	Douglas County	53017	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		
Washington	Douglas County	53017	R	Beryllium Compounds	2.84E-08	2.84E-08	4.83E-07	1.31E-06	1.40E-06	2.33E-06	2.95E-06	2.95E-06	0.00E+00	8.05E-07	0.00E+00	5.98E-07	0.00E+00		
Washington	Douglas County	53017	R	1,3-Butadiene	6.99E-03	6.99E-03	1.04E-02	2.51E-02	2.28E-02	2.98E-02	4.53E-02	4.53E-02	0.00E+00	6.98E-03	1.12E-02	4.69E-03	0.00E+00		
Washington	Douglas County	53017	R	Cadmium Compounds	5.93E-08	5.93E-08	7.62E-07	2.54E-06	2.30E-06	3.75E-06	4.21E-06	4.21E-06	5.01E-07	1.20E-06	0.00E+00	5.96E-07	0.00E+00		
Washington	Douglas County	53017	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.74E-02	4.75E-02	4.79E-02	4.86E-02	4.86E-02	0.00E+00	5.34E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Douglas County	53017	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		
Washington	Douglas County	53017	R	Chloroform	8.34E-02	8.34E-02	8.46E-02	9.12E-02	9.19E-02	9.78E-02	1.04E-01	1.04E-01	0.00E+00	8.88E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Douglas County	53017	R	Chromium Compounds (includes Hexavalent)	6.10E-07	6.10E-07	6.17E-06	1.33E-05	1.13E-05	1.51E-05	2.08E-05	2.08E-05	1.48E-06	1.92E-06	7.15E-06	7.92E-07	0.00E+00		
Washington	Douglas County	53017	R	Chromium VI	2.36E-07	2.36E-07	1.32E-06	4.84E-06	4.09E-06	5.98E-06	8.21E-06	8.21E-06	0.00E+00	9.51E-07	2.83E-06	2.69E-07	0.00E+00		
Washington	Douglas County	53017	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		
Washington	Douglas County	53017	R	1,4-Dichlorobenzene	5.75E-04	5.75E-04	2.38E-03	1.46E-02	1.51E-02	2.39E-02	3.82E-02	3.82E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	R	1,3-Dichloropropene	1.12E-03	1.12E-03	4.74E-03	2.97E-02	3.07E-02	4.86E-02	7.80E-02	7.80E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	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	5.13E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Douglas County	53017	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	1.26E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Douglas County	53017	R	Ethylene Oxide	5.90E-06	5.90E-06	2.75E-05	8.87E-05	1.06E-04	1.80E-04	2.48E-04	2.48E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	R	Formaldehyde	3.68E-01	3.68E-01	3.86E-01	4.59E-01	4.53E-01	5.02E-01	5.65E-01	5.65E-01	0.00E+00	1.14E-01	5.55E-02	3.41E-02	2.50E-01		
Washington	Douglas County	53017	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.36E-05	9.36E-05	9.39E-05	9.43E-05	9.43E-05	0.00E+00	6.05E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Douglas County	53017	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	8.28E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Douglas County	53017	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		
Washington	Douglas County	53017	R	Hydrazine	5.73E-13	5.73E-13	9.38E-11	2.64E-10	2.44E-10	3.76E-10	4.82E-10	4.82E-10	0.00E+00	2.44E-10	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	R	Lead Compounds	2.86E-05	2.86E-05	2.15E-04	5.29E-04	6.97E-04	1.00E-03	2.06E-03	2.06E-03	0.00E+00	4.25E-05	0.00E+00	6.55E-04	0.00E+00		
Washington	Douglas County	53017	R	Manganese Compounds	4.92E-07	4.92E-07	3.25E-05	8.99E-05	6.83E-05	9.73E-05	1.07E-04	1.07E-04	9.72E-07	6.45E-05	2.30E-06	5.62E-07	0.00E+00		
Washington	Douglas County	53017	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	0.00E+00	4.48E-06	1.20E-05	4.42E-06	1.50E-03		
Washington	Douglas County	53017	R	Methylene Chloride	1.52E-01	1.52E-01	1.63E-01	2.02E-01	2.14E-01	2.60E-01	3.09E-01	3.09E-01	0.00E+00	6.37E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Douglas County	53017	R	Nickel Compounds	6.24E-07	6.24E-07	2.54E-03	5.31E-03	5.25E-03	6.87E-03	1.26E-02	1.26E-02	0.00E+00	5.24E-03	5.44E-06	1.03E-06	0.00E+00		
Washington	Douglas County	53017	R	Perchloroethylene	1.40E-01	1.40E-01	1.43E-01	1.55E-01	1.61E-01	1.77E-01	1.97E-01	1.97E-01	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Douglas County	53017	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.91E-04	4.54E-04	4.48E-04	4.90E-04	5.32E-04	5.32E-04	0.00E+00	6.80E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Douglas County	53017	R	Polycyclic Organic Matter	3.64E-03	3.64E-03	3.76E-02	9.94E-02	1.08E-01	1.32E-01	3.19E-01	3.19E-01	8.74E-02	1.61E-02	2.60E-03	1.57E-03	0.00E+00		
Washington	Douglas County	53017	R	7-PAH	1.02E-03	1.02E-03	1.29E-03	1.80E-03	1.77E-03	2.07E-03	2.80E-03	2.80E-03	2.13E-04	1.52E-03	1.84E-05	1.32E-05	0.00E+00		
Washington	Douglas County	53017	R	Propylene Dichloride	1.53E-06	1.53E-06	4.04E-06	7.26E-06	6.80E-06	9.33E-06	1.16E-05	1.16E-05	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	R	Quinoline	1.62E-11	1.62E-11	7.55E-10	1.95E-09	1.57E-09	2.25E-09	2.68E-09	2.68E-09	0.00E+00	1.57E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	R	1,1,2,2-Tetrachloroethane	1.37E-05	1.37E-05	2.86E-05	5.27E-05	4.98E-05	6.15E-05	9.91E-05	9.91E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Douglas County	53017	R	Trichloroethylene	8.11E-02	8.11E-02	8.17E-02	8.31E-02	8.38E-02	8.57E-02	8.85E-02	8.85E-02	0.00E+00	2.82E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Douglas County	53017	R	Vinyl Chloride	3.36E-05	3.36E-05	7.06E-05	1.30E-04	1.23E-04	1.51E-04	2.44E-04	2.44E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Ferry County	53019	R	Acetaldehyde	1.96E-02	1.96E-02	1.96E-02	2.29E-02	2.48E-02	3.17E-02	3.17E-02	3.17E-02	6.73E-04	2.02E-02	1.57E-03	2.35E-03	0.00E+00		
Washington	Ferry County	53019	R	Acrolein	2.25E-02	2.25E-02	2.25E-02	2.41E-02	2.66E-02	3.30E-02	3.30E-02	3.30E-02	5.96E-05	2.59E-02	2.51E-04	3.54E-04	0.00E+00		
Washington	Ferry County	53019	R	Acrylonitrile	4.79E-07	4.79E-07	4.79E-07	1.64E-06	1.55E-06	2.53E-06	2.53E-06	2.53E-06	0.00E+00	1.55E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Ferry County	53019	R	Arsenic Compounds	3.29E-07	3.29E-07	3.29E-07	9.56E-07	9.27E-07	1.50E-06	1.50E-06	1.50E-06	9.75E-08	1.98E-07	3.59E-07	2.73E-07	0.00E+00		
Washington	Ferry County	53019	R	Benzene	5.31E-01	5.31E-01	5.31E-01	5.34E-01	5.42E-01	5.61E-01	5.61E-01	5.61E-01	4.24E-05	5.30E-02	4.02E-03	5.14E-03	4.80E-01		
Washington	Ferry County	53019	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		
Washington	Ferry County	53019	R	Beryllium Compounds	2.46E-09	2.46E-09	2.46E-09	2.14E-08	1.90E-08	3.31E-08	3.31E-08	3.31E-08	0.00E+00	9.45E-09	0.00E+00	9.55E-09	0.00E+00		
Washington	Ferry County	53019	R	1,3-Butadiene	8.51E-03	8.51E-03	8.51E-03	9.25E-03	1.14E-02	1.65E-02	1.65E-02	1.65E-02	0.00E+00	1.08E-02	2.39E-04	3.88E-04	0.00E+00		
Washington	Ferry County	53019	R	Cadmium Compounds	1.11E-08	1.11E-08	1.11E-08	1.33E-07	1.09E-07	1.84E-07	1.84E-07	1.84E-07	2.65E-08	7.33E-08	0.00E+00	9.52E-09	0.00E+00		
Washington	Ferry County	53019	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	0.00E+00	8.38E-06	0.00E+00	0.00E+00	4.70E-02		
Washington	Ferry County	53019	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	2.30E-06	0.00E+00	0.00E+00	8.80E-01		
Washington	Ferry County	53019	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.11E-05	0.00E+00	0.00E+00	8.30E-02		
Washington	Ferry County	53019	R	Chromium Compounds (includes Hexavalent)	1.47E-07	1.47E-07	1.47E-07	9.53E-07	8.12E-07	1.34E-06	1.34E-06	1.34E-06	1.96E-07	3.65E-07	2.00E-07	4.99E-08	0.00E+00		
Washington	Ferry County	53019	R	Chromium VI	5.51E-08	5.51E-08	5.51E-08	4.93E-07	4.08E-07	6.78E-07	6.78E-07	6.78E-07	1.10E-07	2.02E-07	7.92E-08	1.70E-08	0.00E+00		
Washington	Ferry County	53019	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		
Washington	Ferry County	53019	R	1,4-Dichlorobenzene	7.55E-05	7.55E-05	7.55E-05	1.72E-04	1.90E-04	3.23E-04	3.23E-04	3.23E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Ferry County	53019	R	1,3-Dichloropropene	1.47E-04	1.47E-04	1.47E-04	3.40E-04	3.79E-04	6.52E-04	6.52E-04	6.52E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Ferry County	53019	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	4.88E-10	0.00E+00	0.00E+00	7.70E-03		
Washington	Ferry County	53019	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	1.10E-07	0.00E+00	0.00E+00	6.10E-		

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Ferry County	53019	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	8.10E-09	4.22E-08	4.24E-07	2.16E-07	1.50E-03		
Washington	Ferry County	53019	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	7.59E-04	0.00E+00	0.00E+00	1.50E-01		
Washington	Ferry County	53019	R	Nickel Compounds	1.22E-07	1.22E-07	1.22E-07	3.63E-06	4.17E-06	8.77E-06	8.77E-06	8.77E-06	2.41E-08	3.94E-06	1.51E-07	5.67E-08	0.00E+00		
Washington	Ferry County	53019	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	9.12E-05	0.00E+00	0.00E+00	1.40E-01		
Washington	Ferry County	53019	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	2.05E-06	0.00E+00	0.00E+00	3.80E-04		
Washington	Ferry County	53019	R	Polycyclic Organic Matter	2.33E-03	2.33E-03	2.33E-03	2.69E-03	3.05E-03	4.13E-03	4.13E-03	4.13E-03	1.32E-10	2.94E-03	7.35E-05	3.01E-05	0.00E+00		
Washington	Ferry County	53019	R	7-PAH	8.64E-04	8.64E-04	8.64E-04	9.31E-04	1.06E-03	1.38E-03	1.38E-03	1.38E-03	1.22E-12	1.06E-03	5.50E-07	1.69E-06	0.00E+00		
Washington	Ferry County	53019	R	Propylene Dichloride	1.51E-08	1.51E-08	1.51E-08	4.89E-08	7.16E-08	1.51E-07	1.51E-07	1.51E-07	0.00E+00	7.16E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Ferry County	53019	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	7.36E-14	3.33E-11	9.99E-11	9.99E-11	9.99E-11	0.00E+00	3.33E-11	0.00E+00	0.00E+00	0.00E+00		
Washington	Ferry County	53019	R	1,1,2,2-Tetrachloroethane	2.22E-09	2.22E-09	2.22E-09	7.66E-09	4.58E-07	1.37E-06	1.37E-06	1.37E-06	0.00E+00	4.58E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Ferry County	53019	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	4.83E-05	0.00E+00	0.00E+00	8.10E-02		
Washington	Ferry County	53019	R	Vinyl Chloride	1.14E-08	1.14E-08	1.14E-08	2.83E-08	1.13E-06	3.36E-06	3.36E-06	3.36E-06	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	Acetaldehyde	4.31E-02	7.46E-02	1.18E-01	3.18E-01	2.97E-01	3.99E-01	5.64E-01	6.16E-01	7.73E-03	1.11E-01	1.13E-01	6.54E-02	0.00E+00		
Washington	Franklin County	53021	U	Acrolein	9.31E-03	1.63E-02	2.49E-02	9.76E-02	1.20E-01	1.36E-01	3.01E-01	4.17E-01	1.25E-04	9.76E-02	1.77E-02	4.85E-03	0.00E+00		
Washington	Franklin County	53021	U	Acrylonitrile	1.89E-05	3.79E-05	2.09E-04	7.33E-04	1.97E-03	1.89E-03	7.43E-03	9.25E-03	1.18E-04	1.85E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	Arsenic Compounds	5.57E-06	7.10E-06	1.16E-05	4.03E-05	3.88E-05	5.38E-05	7.37E-05	7.42E-05	3.92E-06	6.57E-06	1.90E-05	9.32E-06	0.00E+00		
Washington	Franklin County	53021	U	Benzene	5.28E-01	5.45E-01	5.90E-01	1.13E+00	1.15E+00	1.45E+00	1.90E+00	2.22E+00	5.73E-04	2.79E-01	3.38E-01	5.13E-02	4.80E-01		
Washington	Franklin County	53021	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		
Washington	Franklin County	53021	U	Beryllium Compounds	5.91E-07	6.03E-07	1.36E-06	2.76E-06	5.03E-06	8.97E-06	1.21E-05	1.29E-05	2.72E-07	2.61E-06	0.00E+00	2.15E-06	0.00E+00		
Washington	Franklin County	53021	U	1,3-Butadiene	1.42E-03	2.68E-03	6.27E-03	4.85E-02	8.40E-02	1.07E-01	2.51E-01	3.60E-01	0.00E+00	5.69E-02	2.18E-02	5.24E-03	0.00E+00		
Washington	Franklin County	53021	U	Cadmium Compounds	1.32E-06	1.74E-06	3.01E-06	5.61E-06	8.16E-06	1.31E-05	1.76E-05	1.86E-05	1.47E-06	4.53E-06	0.00E+00	2.16E-06	0.00E+00		
Washington	Franklin County	53021	U	Carbon Disulfide	4.71E-02	4.74E-02	4.79E-02	4.87E-02	4.91E-02	5.06E-02	5.13E-02	5.14E-02	8.72E-04	1.26E-03	0.00E+00	0.00E+00	4.70E-02		
Washington	Franklin County	53021	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	1.23E-03	1.82E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Franklin County	53021	U	Chloroform	8.36E-02	8.65E-02	8.99E-02	1.01E-01	9.88E-02	1.03E-01	1.10E-01	1.10E-01	6.32E-03	9.51E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Franklin County	53021	U	Chromium Compounds (includes Hexavalent)	2.26E-06	4.37E-06	7.59E-06	3.14E-05	2.82E-05	3.96E-05	5.09E-05	5.30E-05	4.44E-06	6.18E-06	1.65E-05	1.15E-06	0.00E+00		
Washington	Franklin County	53021	U	Chromium VI	8.50E-07	1.61E-06	2.85E-06	1.25E-05	1.13E-05	1.59E-05	2.09E-05	2.16E-05	1.59E-06	2.73E-06	6.63E-06	3.91E-07	0.00E+00		
Washington	Franklin County	53021	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		
Washington	Franklin County	53021	U	1,4-Dichlorobenzene	1.03E-03	1.11E-03	2.74E-03	1.45E-02	1.96E-02	2.74E-02	5.07E-02	5.12E-02	1.09E-05	1.96E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	1,3-Dichloropropene	1.90E-03	2.09E-03	5.34E-03	2.94E-02	3.96E-02	5.42E-02	1.03E-01	1.04E-01	0.00E+00	3.96E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	6.61E-08	1.08E-06	0.00E+00	0.00E+00	7.70E-03		
Washington	Franklin County	53021	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.13E-02	6.14E-02	6.20E-02	6.23E-02	1.24E-04	2.22E-04	0.00E+00	0.00E+00	6.10E-02		
Washington	Franklin County	53021	U	Ethylene Oxide	1.25E-05	1.26E-05	3.42E-05	2.58E-04	4.39E-04	4.74E-04	1.38E-03	1.83E-03	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	Formaldehyde	3.19E-01	3.65E-01	4.61E-01	7.87E-01	9.79E-01	1.10E+00	2.10E+00	2.77E+00	1.97E-03	5.08E-01	1.30E-01	8.88E-02	2.50E-01		
Washington	Franklin County	53021	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.34E-05	9.37E-05	9.39E-05	9.39E-05	0.00E+00	4.45E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Franklin County	53021	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.05E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Franklin County	53021	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		
Washington	Franklin County	53021	U	Hydrazine	9.98E-10	1.97E-09	2.99E-09	1.59E-08	2.45E-08	3.18E-08	6.98E-08	7.68E-08	0.00E+00	2.45E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	Lead Compounds	6.71E-05	1.19E-04	2.67E-04	1.15E-03	2.10E-03	3.57E-03	6.16E-03	7.83E-03	9.06E-05	1.64E-04	0.00E+00	1.84E-03	0.00E+00		
Washington	Franklin County	53021	U	Manganese Compounds	1.60E-06	1.54E-05	3.95E-05	6.33E-05	6.08E-05	7.93E-05	1.00E-04	1.05E-04	4.07E-05	1.38E-05	5.18E-06	1.12E-06	0.00E+00		
Washington	Franklin County	53021	U	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.54E-03	1.54E-03	1.55E-03	1.58E-03	1.58E-03	6.51E-07	8.71E-06	1.82E-05	1.00E-05	1.50E-03		
Washington	Franklin County	53021	U	Methylene Chloride	1.54E-01	1.54E-01	1.60E-01	2.12E-01	2.35E-01	2.90E-01	3.75E-01	3.84E-01	5.25E-04	8.42E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Franklin County	53021	U	Nickel Compounds	8.69E-06	1.03E-05	2.25E-05	1.09E-04	1.16E-04	1.61E-04	2.66E-04	2.78E-04	4.64E-06	9.43E-05	1.22E-05	5.28E-06	0.00E+00		
Washington	Franklin County	53021	U	Perchloroethylene	1.41E-01	1.42E-01	1.43E-01	1.57E-01	1.59E-01	1.75E-01	1.79E-01	1.81E-01	4.38E-04	1.84E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Franklin County	53021	U	Polychlorinated Biphenyls	3.82E-04	3.83E-04	3.85E-04	4.23E-04	4.27E-04	4.66E-04	4.78E-04	4.86E-04	0.00E+00	4.73E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Franklin County	53021	U	Polycyclic Organic Matter	2.41E-03	3.25E-03	6.27E-03	3.50E-02	4.03E-02	5.75E-02	9.68E-02	1.19E-01	2.23E-10	3.13E-02	5.88E-03	3.13E-03	0.00E+00		
Washington	Franklin County	53021	U	7-PAH	2.45E-04	4.49E-04	8.37E-04	3.46E-03	5.17E-03	5.43E-03	1.49E-02	2.19E-02	2.07E-12	5.10E-03	3.74E-05	2.33E-05	0.00E+00		
Washington	Franklin County	53021	U	Propylene Dichloride	1.18E-06	2.31E-06	1.29E-05	4.39E-05	1.18E-04	1.10E-04	4.47E-04	5.58E-04	7.15E-06	1.11E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	Quinoline	1.05E-08	1.45E-08	2.32E-08	7.63E-08	9.22E-08	1.30E-07	2.11E-07	2.27E-07	0.00E+00	9.22E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	1,1,2,2-Tetrachloroethane	8.56E-06	1.84E-05	1.03E-04	3.89E-04	1.06E-03	9.37E-04	4.05E-03	5.08E-03	6.55E-05	9.93E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Franklin County	53021	U	Trichloroethylene	8.13E-02	8.16E-02	8.20E-02	8.68E-02	9.03E-02	1.01E-01	1.04E-01	1.04E-01	3.52E-04	8.94E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Franklin County	53021	U	Vinyl Chloride	2.17E-05	4.59E-05	2.57E-04	9.61E-04	2.61E-03	2.31E-03	9.97E-03	1.25E-02	1.61E-04	2.45E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	Acetaldehyde	7.59E-02	7.59E-02	7.59E-02	8.13E-02	8.13E-02	8.68E-02	8.68E-02	8.68E-02	7.08E-03	3.38E-02	9.56E-03	3.09E-02	0.00E+00		
Washington	Garfield County	53023	R	Acrolein	2.51E-02	2.51E-02	2.51E-02	3.05E-02	3.58E-02	3.58E-02	3.58E-02	2.51E-05	2.71E-02	2.07E-03	1.26E-03	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	Acrylonitrile	1.01E-05	1.01E-05	1.01E-05	1.20E-05	1.20E-05	1.39E-05	1.39E-05	1.39E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	Arsenic Compounds	3.87E-05	3.87E-05	3.87E-05	4.61E-05	4.61E-05	5.35E-05	5.35E-05	5.35E-05	0.00E+00	3.92E-05	1.46E-06	5.40E-06	0.00E+00		
Washington	Garfield County	53023	R	Benzene	5.59E-01	5.59E-01	5.59E-01	5.70E-01	5.70E-01	5.82E-01	5.82E-01	5.82E-01	9.32E-04	5.42E-					

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Garfield County	53023	R	Chromium VI	8.58E-06	8.58E-06	8.58E-06	1.19E-05	1.19E-05	1.51E-05	1.51E-05	1.51E-05	4.72E-06	6.68E-06	3.96E-07	6.09E-08	0.00E+00		
Washington	Garfield County	53023	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		
Washington	Garfield County	53023	R	1,4-Dichlorobenzene	1.43E-03	1.43E-03	1.43E-03	2.15E-03	2.15E-03	2.88E-03	2.88E-03	2.88E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	1,3-Dichloropropene	2.35E-03	2.35E-03	2.35E-03	3.15E-03	3.15E-03	3.95E-03	3.95E-03	3.95E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	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	1.72E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Garfield County	53023	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	3.84E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Garfield County	53023	R	Ethylene Oxide	5.84E-05	5.84E-05	5.84E-05	1.06E-04	1.06E-04	1.54E-04	1.54E-04	1.54E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	Formaldehyde	3.98E-01	3.98E-01	3.98E-01	4.08E-01	4.08E-01	4.17E-01	4.17E-01	4.17E-01	2.52E-03	1.00E-01	1.04E-02	4.45E-02	2.50E-01		
Washington	Garfield County	53023	R	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.77E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Garfield County	53023	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	8.87E-09	0.00E+00	0.00E+00	1.80E-03		
Washington	Garfield County	53023	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		
Washington	Garfield County	53023	R	Hydrazine	3.57E-07	3.57E-07	3.57E-07	3.97E-07	3.97E-07	4.36E-07	4.36E-07	4.36E-07	0.00E+00	3.97E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	Lead Compounds	2.96E-04	2.96E-04	2.96E-04	3.68E-04	3.68E-04	4.40E-04	4.40E-04	4.40E-04	3.21E-05	1.51E-04	0.00E+00	1.85E-04	0.00E+00		
Washington	Garfield County	53023	R	Manganese Compounds	1.63E-04	1.63E-04	1.63E-04	2.53E-04	2.53E-04	3.43E-04	3.43E-04	3.43E-04	0.00E+00	2.53E-04	2.88E-07	5.63E-07	0.00E+00		
Washington	Garfield County	53023	R	Mercury Compounds	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.55E-03	1.55E-03	3.43E-05	2.48E-06	1.56E-06	4.77E-06	1.50E-03		
Washington	Garfield County	53023	R	Methylene Chloride	1.70E-01	1.70E-01	1.70E-01	1.72E-01	1.72E-01	1.75E-01	1.75E-01	1.75E-01	1.76E-02	4.85E-03	0.00E+00	0.00E+00	1.50E-01		
Washington	Garfield County	53023	R	Nickel Compounds	1.09E-05	1.09E-05	1.09E-05	1.37E-05	1.37E-05	1.66E-05	1.66E-05	1.66E-05	0.00E+00	8.52E-06	7.50E-07	4.45E-06	0.00E+00		
Washington	Garfield County	53023	R	Perchloroethylene	1.54E-01	1.54E-01	1.54E-01	1.63E-01	1.63E-01	1.72E-01	1.72E-01	1.72E-01	4.23E-04	2.24E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Garfield County	53023	R	Polychlorinated Biphenyls	3.89E-04	3.89E-04	3.89E-04	3.90E-04	3.90E-04	3.91E-04	3.91E-04	3.91E-04	0.00E+00	1.00E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Garfield County	53023	R	Polycyclic Organic Matter	1.03E-02	1.03E-02	1.03E-02	1.21E-02	1.21E-02	1.40E-02	1.40E-02	1.40E-02	5.87E-03	5.49E-03	3.89E-04	4.02E-04	0.00E+00		
Washington	Garfield County	53023	R	7-PAH	7.79E-04	7.79E-04	7.79E-04	8.83E-04	8.83E-04	9.86E-04	9.86E-04	9.86E-04	0.00E+00	8.76E-04	2.44E-06	3.92E-06	0.00E+00		
Washington	Garfield County	53023	R	Propylene Dichloride	9.41E-07	9.41E-07	9.41E-07	9.86E-07	9.86E-07	1.03E-06	1.03E-06	1.03E-06	0.00E+00	9.86E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	Quinoline	5.74E-09	5.74E-09	5.74E-09	7.09E-09	7.09E-09	8.44E-09	8.44E-09	8.44E-09	0.00E+00	7.09E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	1,1,2,2-Tetrachloroethane	2.16E-06	2.16E-06	2.16E-06	3.69E-06	3.69E-06	5.22E-06	5.22E-06	5.22E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Garfield County	53023	R	Trichloroethylene	1.32E-01	1.32E-01	1.32E-01	1.60E-01	1.60E-01	1.88E-01	1.88E-01	1.88E-01	1.18E-02	6.73E-02	0.00E+00	0.00E+00	8.10E-02		
Washington	Garfield County	53023	R	Vinyl Chloride	4.20E-05	4.20E-05	4.20E-05	5.98E-05	5.98E-05	7.76E-05	7.76E-05	7.76E-05	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Grant County	53025	R	Acetaldehyde	1.60E-02	2.71E-02	4.35E-02	6.73E-02	1.48E-01	1.50E-01	3.61E-01	6.44E-01	0.00E+00	7.44E-02	3.19E-02	4.15E-02	0.00E+00		
Washington	Grant County	53025	R	Acrolein	1.03E-02	1.18E-02	2.26E-02	3.20E-02	4.45E-02	4.97E-02	1.31E-01	1.42E-01	0.00E+00	3.63E-02	5.07E-03	3.12E-03	0.00E+00		
Washington	Grant County	53025	R	Acrylonitrile	2.19E-06	5.32E-06	1.44E-05	4.06E-05	6.55E-05	8.97E-05	1.40E-04	2.99E-04	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Grant County	53025	R	Arsenic Compounds	1.83E-06	3.26E-06	5.90E-06	8.90E-06	1.27E-05	1.36E-05	3.04E-05	4.69E-05	0.00E+00	1.51E-06	7.19E-06	4.01E-06	0.00E+00		
Washington	Grant County	53025	R	Benzene	5.16E-01	5.27E-01	5.70E-01	6.24E-01	7.02E-01	6.88E-01	1.12E+00	1.37E+00	0.00E+00	9.46E-02	1.02E-01	2.53E-02	4.80E-01		
Washington	Grant County	53025	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		
Washington	Grant County	53025	R	Beryllium Compounds	7.41E-08	1.29E-07	2.64E-07	5.20E-07	8.97E-07	1.10E-06	2.34E-06	2.72E-06	0.00E+00	5.70E-07	0.00E+00	3.27E-07	0.00E+00		
Washington	Grant County	53025	R	1,3-Butadiene	2.04E-03	4.11E-03	6.80E-03	1.22E-02	2.50E-02	2.33E-02	9.80E-02	1.04E-01	0.00E+00	1.54E-02	6.94E-03	2.65E-03	0.00E+00		
Washington	Grant County	53025	R	Cadmium Compounds	8.94E-08	1.71E-07	3.47E-07	6.79E-07	1.20E-06	1.54E-06	3.24E-06	3.74E-06	2.90E-08	8.41E-07	0.00E+00	3.27E-07	0.00E+00		
Washington	Grant County	53025	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.73E-02	4.75E-02	4.81E-02	4.85E-02	0.00E+00	3.39E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Grant County	53025	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	6.88E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Grant County	53025	R	Chloroform	8.31E-02	8.33E-02	8.33E-02	8.36E-02	8.49E-02	8.54E-02	8.92E-02	9.02E-02	0.00E+00	1.87E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Grant County	53025	R	Chromium Compounds (includes Hexavalent)	4.53E-07	1.37E-06	2.63E-06	4.17E-06	6.87E-06	5.81E-06	1.66E-05	3.08E-05	6.71E-08	1.06E-06	5.37E-06	3.62E-07	0.00E+00		
Washington	Grant County	53025	R	Chromium VI	1.76E-07	5.60E-07	9.42E-07	1.65E-06	2.81E-06	2.31E-06	6.98E-06	1.28E-05	2.01E-09	5.28E-07	2.16E-06	1.23E-07	0.00E+00		
Washington	Grant County	53025	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		
Washington	Grant County	53025	R	1,4-Dichlorobenzene	2.26E-04	8.66E-04	9.32E-04	1.81E-03	5.67E-03	6.75E-03	2.02E-02	2.03E-02	0.00E+00	5.67E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Grant County	53025	R	1,3-Dichloropropene	4.50E-04	1.68E-03	1.82E-03	3.60E-03	1.15E-02	1.36E-02	4.11E-02	4.11E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Grant County	53025	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	4.59E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Grant County	53025	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	7.19E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Grant County	53025	R	Ethylene Oxide	4.41E-06	6.50E-06	1.03E-05	3.19E-05	1.17E-04	1.99E-04	4.24E-04	4.51E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Grant County	53025	R	Formaldehyde	3.02E-01	3.09E-01	3.70E-01	4.17E-01	5.47E-01	5.67E-01	1.14E+00	1.37E+00	0.00E+00	2.05E-01	3.86E-02	5.33E-02	2.50E-01		
Washington	Grant County	53025	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.34E-05	9.41E-05	9.42E-05	0.00E+00	3.24E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Grant County	53025	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	4.08E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Grant County	53025	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		
Washington	Grant County	53025	R	Hydrazine	4.31E-11	9.24E-11	1.61E-10	5.43E-10	8.18E-09	5.85E-09	3.25E-08	3.38E-08	0.00E+00	8.18E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Grant County	53025	R	Lead Compounds	1.34E-06	1.86E-05	8.48E-05	2.61E-04	8.96E-04	1.26E-03	2.23E-03	5.65E-03	0.00E+00	2.03E-05	0.00E+00	8.76E-04	0.00E+00		
Washington	Grant County	53025	R	Manganese Compounds	4.24E-07	1.02E-06	1.50E-06	2.26E-06	5.13E-06	5.37E-06	1.55E-05	2.17E-05	3.77E-08	3.01E-06	1.69E-06	3.85E-07	0.00E+00		
Washington	Grant County	53025	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.55E-03	0.00E+00	2.30E-06	7.53E-06	3.65E-06	1.50E-03		
Washington	Grant County	53025	R	Methylene Chloride	1.51E-01	1.52E-01	1.54E-01	1.56E-01	1.74E-01	1.89E-01	2.24E-01	2.53E-01	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Grant County	53025	R	Nickel Compounds	8.00E-07	4.29E-06	5.01E-06	1.01E-05	1.73E-04	8.27E-05	9.60E-04	1.16E-03	0.00E+00	1.68E-04	4.01E-06	6.50E-07	0.00E+00		
Washington</																			

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Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Grant County	53025	R	Vinyl Chloride	1.43E-07	6.07E-07	1.65E-05	2.49E-05	5.81E-05	3.88E-05	1.64E-04	3.90E-04	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	Acetaldehyde	3.49E-02	3.84E-02	5.03E-02	7.72E-02	1.21E-01	1.89E-01	2.09E-01	3.53E-01	2.27E-02	2.85E-02	2.82E-02	4.20E-02	0.00E+00		
Washington	Grays Harbor County	53027	U	Acrolein	1.85E-02	1.89E-02	2.31E-02	3.67E-02	3.48E-02	4.05E-02	5.64E-02	6.10E-02	1.29E-05	2.90E-02	3.24E-03	2.51E-03	0.00E+00		
Washington	Grays Harbor County	53027	U	Acrylonitrile	1.06E-06	4.86E-06	5.87E-06	1.47E-05	5.49E-05	8.99E-05	2.16E-04	2.36E-04	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	Arsenic Compounds	1.88E-06	2.65E-06	3.90E-06	6.34E-06	1.20E-05	2.05E-05	3.09E-05	3.39E-05	3.46E-07	2.13E-06	4.29E-06	5.20E-06	0.00E+00		
Washington	Grays Harbor County	53027	U	Benzene	5.73E-01	5.78E-01	5.89E-01	6.09E-01	6.87E-01	7.65E-01	9.05E-01	9.64E-01	2.76E-05	7.95E-02	6.42E-02	4.54E-02	4.80E-01		
Washington	Grays Harbor County	53027	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		
Washington	Grays Harbor County	53027	U	Beryllium Compounds	8.37E-09	4.35E-08	7.97E-08	1.85E-07	9.27E-07	8.00E-07	4.91E-06	5.09E-06	0.00E+00	8.91E-07	0.00E+00	3.58E-08	0.00E+00		
Washington	Grays Harbor County	53027	U	1,3-Butadiene	7.45E-03	8.68E-03	9.28E-03	1.23E-02	1.73E-02	2.31E-02	3.52E-02	3.97E-02	0.00E+00	9.44E-03	4.41E-03	3.50E-03	0.00E+00		
Washington	Grays Harbor County	53027	U	Cadmium Compounds	4.86E-08	2.03E-07	4.21E-07	6.40E-07	1.90E-06	2.01E-06	7.86E-06	8.24E-06	6.03E-08	1.46E-06	0.00E+00	3.84E-07	0.00E+00		
Washington	Grays Harbor County	53027	U	Carbon Disulfide	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.75E-02	4.76E-02	4.94E-02	4.98E-02	1.83E-05	5.20E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Grays Harbor County	53027	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.84E-01	8.85E-01	1.90E-03	1.29E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Grays Harbor County	53027	U	Chloroform	8.31E-02	8.43E-02	8.49E-02	8.61E-02	8.81E-02	8.90E-02	9.91E-02	1.00E-01	1.69E-03	3.44E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Grays Harbor County	53027	U	Chromium Compounds (includes Hexavalent)	7.15E-07	1.63E-06	2.59E-06	6.32E-06	9.37E-06	1.48E-05	2.08E-05	2.88E-05	3.94E-07	4.28E-06	3.02E-06	1.67E-06	0.00E+00		
Washington	Grays Harbor County	53027	U	Chromium VI	2.65E-07	6.86E-07	1.16E-06	2.37E-06	3.27E-06	5.18E-06	7.61E-06	8.51E-06	5.72E-08	1.42E-06	1.23E-06	5.66E-07	0.00E+00		
Washington	Grays Harbor County	53027	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		
Washington	Grays Harbor County	53027	U	1,4-Dichlorobenzene	3.53E-04	1.13E-03	1.57E-03	3.62E-03	1.03E-02	1.12E-02	4.44E-02	4.78E-02	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	1,3-Dichloropropene	6.55E-04	2.16E-03	2.97E-03	7.15E-03	2.10E-02	2.27E-02	9.05E-02	9.76E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	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	1.50E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Grays Harbor County	53027	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.14E-02	6.13E-02	6.15E-02	6.18E-02	6.18E-02	3.34E-04	2.37E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Grays Harbor County	53027	U	Ethylene Oxide	1.30E-06	7.26E-06	1.30E-05	3.79E-05	3.80E-04	9.05E-05	2.63E-03	2.65E-03	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	Formaldehyde	3.37E-01	3.50E-01	3.79E-01	4.45E-01	4.78E-01	5.89E-01	6.12E-01	6.12E-01	5.41E-04	1.42E-01	2.89E-02	5.63E-02	2.50E-01		
Washington	Grays Harbor County	53027	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.36E-05	9.47E-05	9.51E-05	0.00E+00	4.44E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Grays Harbor County	53027	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	7.73E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Grays Harbor County	53027	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		
Washington	Grays Harbor County	53027	U	Hydrazine	1.66E-11	4.56E-11	7.35E-11	1.89E-10	3.03E-09	3.05E-09	1.63E-08	1.64E-08	0.00E+00	3.03E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	Lead Compounds	1.16E-05	2.82E-05	4.05E-05	1.08E-04	2.47E-04	3.88E-04	5.73E-04	1.15E-03	7.25E-07	8.81E-05	0.00E+00	1.58E-04	0.00E+00		
Washington	Grays Harbor County	53027	U	Manganese Compounds	4.32E-07	4.63E-05	1.08E-04	1.69E-04	1.94E-04	2.47E-04	4.62E-04	4.79E-04	3.85E-05	1.51E-04	1.00E-06	3.51E-06	0.00E+00		
Washington	Grays Harbor County	53027	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.57E-03	1.58E-03	7.95E-10	8.04E-06	4.65E-06	5.22E-06	1.50E-03		
Washington	Grays Harbor County	53027	U	Methylene Chloride	1.51E-01	1.56E-01	1.58E-01	1.66E-01	2.03E-01	2.07E-01	3.83E-01	4.13E-01	2.80E-03	5.00E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Grays Harbor County	53027	U	Nickel Compounds	7.02E-07	1.73E-06	3.66E-06	1.02E-05	8.31E-05	1.04E-04	3.40E-04	3.77E-04	1.27E-07	2.52E-06	2.20E-06	7.83E-05	0.00E+00		
Washington	Grays Harbor County	53027	U	Perchloroethylene	1.40E-01	1.41E-01	1.42E-01	1.43E-01	1.47E-01	1.48E-01	1.67E-01	1.69E-01	3.93E-04	6.56E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Grays Harbor County	53027	U	Polychlorinated Biphenyls	3.82E-04	3.85E-04	3.89E-04	3.96E-04	4.34E-04	4.50E-04	5.90E-04	6.36E-04	0.00E+00	5.35E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Grays Harbor County	53027	U	Polycyclic Organic Matter	3.72E-03	4.16E-03	6.02E-03	8.20E-03	1.56E-02	1.80E-02	4.70E-02	5.29E-02	1.89E-08	1.38E-02	1.11E-03	6.90E-04	0.00E+00		
Washington	Grays Harbor County	53027	U	7-PAH	7.14E-04	8.47E-04	1.06E-03	1.44E-03	1.57E-03	1.99E-03	2.63E-03	2.87E-03	3.85E-10	1.54E-03	7.67E-06	1.98E-05	0.00E+00		
Washington	Grays Harbor County	53027	U	Propylene Dichloride	3.32E-08	1.67E-07	2.16E-07	5.74E-07	2.07E-06	3.70E-06	6.76E-06	7.51E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	Quinoline	1.98E-10	7.64E-10	1.40E-09	3.75E-09	1.06E-08	1.22E-08	4.72E-08	4.74E-08	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	1,1,2,2-Tetrachloroethane	4.92E-09	2.65E-08	3.21E-07	1.21E-06	6.50E-06	3.89E-06	3.39E-05	4.62E-05	0.00E+00	6.50E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Grays Harbor County	53027	U	Trichloroethylene	8.11E-02	8.14E-02	8.17E-02	8.21E-02	8.58E-02	8.55E-02	1.04E-01	1.06E-01	3.12E-04	4.45E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Grays Harbor County	53027	U	Vinyl Chloride	2.40E-08	1.53E-07	1.46E-06	3.08E-06	1.66E-05	1.18E-05	8.40E-05	1.14E-04	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Island County	53029	U	Acetaldehyde	1.61E-01	1.82E-01	2.18E-01	2.36E-01	2.86E-01	3.29E-01	4.07E-01	4.90E-01	1.38E-02	5.88E-02	1.44E-01	6.87E-02	0.00E+00		
Washington	Island County	53029	U	Acrolein	3.13E-02	3.35E-02	3.53E-02	4.36E-02	4.51E-02	5.05E-02	6.03E-02	7.11E-02	3.12E-04	1.83E-02	1.95E-02	7.00E-03	0.00E+00		
Washington	Island County	53029	U	Acrylonitrile	5.74E-05	7.16E-05	8.84E-05	1.71E-04	2.21E-04	3.18E-04	4.32E-04	4.39E-04	8.88E-05	1.33E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Island County	53029	U	Arsenic Compounds	1.74E-05	1.85E-05	1.93E-05	2.53E-05	3.00E-05	3.50E-05	4.74E-05	5.48E-05	3.72E-06	2.95E-06	1.76E-05	5.75E-06	0.00E+00		
Washington	Island County	53029	U	Benzene	8.19E-01	8.47E-01	8.61E-01	9.49E-01	9.91E-01	1.06E+00	1.23E+00	1.27E+00	1.34E-02	1.38E-01	2.72E-01	8.84E-02	4.80E-01		
Washington	Island County	53029	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		
Washington	Island County	53029	U	Beryllium Compounds	7.63E-07	7.90E-07	8.63E-07	1.02E-06	1.27E-06	1.55E-06	2.20E-06	2.30E-06	6.84E-07	4.87E-07	0.00E+00	1.02E-07	0.00E+00		
Washington	Island County	53029	U	1,3-Butadiene	9.76E-03	1.08E-02	1.27E-02	1.53E-02	1.80E-02	1.91E-02	2.67E-02	4.20E-02	3.52E-05	4.26E-03	1.00E-02	3.65E-03	0.00E+00		
Washington	Island County	53029	U	Cadmium Compounds	4.81E-06	5.58E-06	7.17E-06	8.94E-06	1.13E-05	1.18E-05	2.21E-05	2.74E-05	4.03E-06	7.07E-06	0.00E+00	1.80E-07	0.00E+00		
Washington	Island County	53029	U	Carbon Disulfide	4.75E-02	4.75E-02	4.76E-02	4.77E-02	4.79E-02	4.81E-02	4.86E-02	4.86E-02	5.68E-04	3.36E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Island County	53029	U	Carbon Tetrachloride	8.83E-01	8.84E-01	8.85E-01	8.87E-01	8.88E-01	8.88E-01	8.91E-01	8.91E-01	7.43E-03	7.81E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Island County	53029	U	Chloroform	9.78E-02	9.81E-02	1.00E-01	1.03E-01	1.04E-01	1.06E-01	1.11E-01	1.12E-01	9.73E-03	1.09E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Island County	53029	U	Chromium Compounds (includes Hexavalent)	9.60E-05	1.04E-04	1.34E-04	1.51E-04	1.89E-04	1.88E-04	2.91E-04	4.58E-04	3.71E-05	1.38E-04	1.26E-05	1.36E-06	0.00E+00		
Washington	Island County	53029	U	Chromium VI	1.67E-05	1.86E-05	2.55E-05	2.94E-05	3.68E-05	4.49E-05	5.41E-05	7.22E-05	4.28E-06	2.70E-05	5.00E-06	4.62E-07	0.00E+00		
Washington	Island County	53029	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		
Washington	Island County	53029	U	1,4-Dichlorobenzene	8.28E-03	9.28E-03	9.96E-03	1.66E-02	1.97E-0										

DRAFT FOR REVIEW ONLY																	
Estimated Annual Average Ambient Concentrations µg/m3 for Washington																	
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
Washington	Island County	53029	U	Hydrazine	1.86E-10	1.90E-10	2.09E-10	2.84E-10	1.55E-09	6.77E-10	6.47E-09	7.45E-09	3.56E-10	1.20E-09	0.00E+00	0.00E+00	0.00E+00
Washington	Island County	53029	U	Lead Compounds	2.35E-04	2.50E-04	2.85E-04	6.36E-04	8.57E-04	1.14E-03	1.54E-03	2.28E-03	2.78E-05	2.90E-04	0.00E+00	5.39E-04	0.00E+00
Washington	Island County	53029	U	Manganese Compounds	3.68E-05	4.08E-05	5.71E-05	7.66E-05	1.24E-04	1.02E-04	3.71E-04	3.96E-04	2.48E-05	9.34E-05	3.87E-06	1.50E-06	0.00E+00
Washington	Island County	53029	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.60E-03	1.60E-03	1.39E-05	4.19E-06	1.92E-05	4.89E-06	1.50E-03
Washington	Island County	53029	U	Methylene Chloride	1.82E-01	1.84E-01	1.97E-01	2.14E-01	2.20E-01	2.29E-01	2.66E-01	2.77E-01	1.33E-02	5.63E-02	0.00E+00	0.00E+00	1.50E-01
Washington	Island County	53029	U	Nickel Compounds	3.22E-05	3.27E-05	4.22E-05	4.69E-05	5.38E-05	5.80E-05	8.16E-05	8.69E-05	1.97E-05	4.81E-06	9.42E-06	1.98E-05	0.00E+00
Washington	Island County	53029	U	Perchloroethylene	1.52E-01	1.53E-01	1.57E-01	1.65E-01	1.74E-01	1.82E-01	1.97E-01	2.22E-01	1.91E-03	3.19E-02	0.00E+00	0.00E+00	1.40E-01
Washington	Island County	53029	U	Polychlorinated Biphenyls	4.10E-04	4.18E-04	4.21E-04	4.23E-04	4.46E-04	4.44E-04	5.21E-04	5.55E-04	6.73E-09	6.62E-05	0.00E+00	0.00E+00	3.80E-04
Washington	Island County	53029	U	Polycyclic Organic Matter	1.87E-02	1.90E-02	2.19E-02	2.87E-02	3.10E-02	3.67E-02	4.90E-02	5.34E-02	1.45E-03	2.42E-02	4.45E-03	9.25E-04	0.00E+00
Washington	Island County	53029	U	7-PAH	7.77E-04	7.97E-04	8.46E-04	1.06E-03	1.16E-03	1.19E-03	1.51E-03	2.15E-03	1.28E-05	1.09E-03	3.18E-05	2.31E-05	0.00E+00
Washington	Island County	53029	U	Propylene Dichloride	3.08E-06	3.62E-06	4.73E-06	9.79E-06	1.28E-05	1.84E-05	2.61E-05	2.67E-05	5.38E-06	7.44E-06	0.00E+00	0.00E+00	0.00E+00
Washington	Island County	53029	U	Quinoline	4.81E-09	4.91E-09	5.24E-09	6.36E-09	1.79E-08	1.53E-08	5.48E-08	5.71E-08	0.00E+00	1.79E-08	0.00E+00	0.00E+00	0.00E+00
Washington	Island County	53029	U	1,1,2,2-Tetrachloroethane	2.41E-05	2.61E-05	3.87E-05	8.20E-05	1.10E-04	1.43E-04	2.37E-04	2.37E-04	4.93E-05	6.04E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Island County	53029	U	Trichloroethylene	8.83E-02	8.85E-02	9.68E-02	1.25E-01	1.53E-01	1.74E-01	2.45E-01	3.06E-01	3.39E-02	3.84E-02	0.00E+00	0.00E+00	8.10E-02
Washington	Island County	53029	U	Vinyl Chloride	5.97E-05	6.47E-05	9.56E-05	2.02E-04	2.71E-04	3.53E-04	5.84E-04	5.85E-04	1.21E-04	1.49E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Jefferson County	53031	R	Acetaldehyde	3.84E-02	3.84E-02	1.19E-01	2.35E-01	2.29E-01	3.38E-01	4.13E-01	4.13E-01	2.26E-02	4.45E-02	1.09E-01	5.30E-02	0.00E+00
Washington	Jefferson County	53031	R	Acrolein	3.49E-02	3.49E-02	3.65E-02	4.65E-02	4.63E-02	5.14E-02	6.70E-02	6.70E-02	4.11E-04	2.81E-02	1.17E-02	6.06E-03	0.00E+00
Washington	Jefferson County	53031	R	Acrylonitrile	1.54E-07	1.54E-07	4.45E-05	1.01E-04	2.66E-04	2.96E-04	1.24E-03	1.24E-03	2.27E-05	2.43E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Jefferson County	53031	R	Arsenic Compounds	9.65E-07	9.65E-07	6.07E-06	1.46E-05	1.48E-05	2.48E-05	2.64E-05	2.64E-05	6.19E-07	1.56E-06	9.46E-06	3.15E-06	0.00E+00
Washington	Jefferson County	53031	R	Benzene	5.71E-01	5.71E-01	6.69E-01	8.72E-01	8.55E-01	1.04E+00	1.11E+00	1.11E+00	3.23E-03	1.17E-01	1.49E-01	1.05E-01	4.80E-01
Washington	Jefferson County	53031	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
Washington	Jefferson County	53031	R	Beryllium Compounds	2.39E-08	2.39E-08	6.86E-08	2.40E-07	5.78E-07	1.07E-06	1.85E-06	1.85E-06	1.54E-07	4.02E-07	0.00E+00	2.22E-08	0.00E+00
Washington	Jefferson County	53031	R	1,3-Butadiene	1.03E-02	1.03E-02	1.14E-02	1.58E-02	1.92E-02	2.50E-02	3.88E-02	3.88E-02	5.67E-06	7.96E-03	5.45E-03	5.76E-03	0.00E+00
Washington	Jefferson County	53031	R	Cadmium Compounds	1.33E-07	1.33E-07	1.87E-06	5.21E-06	5.64E-06	7.35E-06	1.61E-05	1.61E-05	9.78E-07	4.61E-06	0.00E+00	5.21E-08	0.00E+00
Washington	Jefferson County	53031	R	Carbon Disulfide	4.70E-02	4.70E-02	4.72E-02	4.84E-02	4.93E-02	4.96E-02	5.74E-02	5.74E-02	2.03E-03	3.16E-04	0.00E+00	0.00E+00	4.70E-02
Washington	Jefferson County	53031	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.83E-01	8.84E-01	8.85E-01	8.95E-01	8.95E-01	3.87E-03	7.31E-05	0.00E+00	0.00E+00	8.80E-01
Washington	Jefferson County	53031	R	Chloroform	8.30E-02	8.30E-02	8.67E-02	1.01E-01	1.06E-01	1.10E-01	1.71E-01	1.71E-01	1.56E-02	7.55E-03	0.00E+00	0.00E+00	8.30E-02
Washington	Jefferson County	53031	R	Chromium Compounds (includes Hexavalent)	6.64E-07	6.64E-07	4.60E-05	8.95E-05	1.08E-04	1.42E-04	3.06E-04	3.06E-04	1.40E-05	8.61E-05	6.64E-06	1.09E-06	0.00E+00
Washington	Jefferson County	53031	R	Chromium VI	2.33E-07	2.33E-07	5.21E-06	1.36E-05	1.40E-05	1.65E-05	4.11E-05	4.11E-05	9.99E-07	9.99E-06	2.63E-06	3.72E-07	0.00E+00
Washington	Jefferson County	53031	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
Washington	Jefferson County	53031	R	1,4-Dichlorobenzene	6.15E-05	6.15E-05	3.48E-03	1.09E-02	1.08E-02	1.83E-02	2.13E-02	2.13E-02	2.08E-06	1.08E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Jefferson County	53031	R	1,3-Dichloropropene	1.15E-04	1.15E-04	7.16E-03	2.33E-02	2.27E-02	3.86E-02	4.35E-02	4.35E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Jefferson County	53031	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.27E-08	1.31E-07	0.00E+00	0.00E+00	7.70E-03
Washington	Jefferson County	53031	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.14E-02	6.15E-02	6.17E-02	6.26E-02	6.26E-02	4.35E-04	2.73E-05	0.00E+00	0.00E+00	6.10E-02
Washington	Jefferson County	53031	R	Ethylene Oxide	1.03E-07	1.03E-07	2.17E-04	9.03E-04	7.56E-04	9.87E-04	1.84E-03	1.84E-03	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Jefferson County	53031	R	Formaldehyde	4.07E-01	4.07E-01	4.43E-01	5.62E-01	5.46E-01	6.16E-01	7.19E-01	7.19E-01	4.55E-03	1.44E-01	8.76E-02	5.96E-02	2.50E-01
Washington	Jefferson County	53031	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.33E-05	9.35E-05	9.39E-05	9.39E-05	0.00E+00	2.77E-07	0.00E+00	0.00E+00	9.30E-05
Washington	Jefferson County	53031	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	4.12E-08	0.00E+00	0.00E+00	1.80E-03
Washington	Jefferson County	53031	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	2.83E-07	1.60E-06	1.54E-06	2.58E-06	3.40E-06	3.40E-06	1.32E-06	2.25E-07	0.00E+00	0.00E+00	0.00E+00
Washington	Jefferson County	53031	R	Hydrazine	1.27E-12	1.27E-12	1.00E-10	1.62E-10	3.91E-09	7.68E-09	1.54E-08	1.54E-08	3.61E-09	2.98E-10	0.00E+00	0.00E+00	0.00E+00
Washington	Jefferson County	53031	R	Lead Compounds	1.05E-05	1.05E-05	2.17E-04	5.59E-04	5.19E-04	7.21E-04	1.15E-03	1.15E-03	5.13E-06	3.51E-04	0.00E+00	1.63E-04	0.00E+00
Washington	Jefferson County	53031	R	Manganese Compounds	1.20E-06	1.20E-06	3.00E-05	3.95E-05	1.04E-04	1.57E-04	3.80E-04	3.80E-04	6.37E-06	9.50E-05	2.07E-06	8.04E-07	0.00E+00
Washington	Jefferson County	53031	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	3.87E-07	2.91E-06	1.06E-05	2.33E-06	1.50E-03
Washington	Jefferson County	53031	R	Methylene Chloride	1.50E-01	1.50E-01	1.67E-01	1.90E-01	1.99E-01	2.33E-01	2.67E-01	2.67E-01	2.60E-03	4.69E-02	0.00E+00	0.00E+00	1.50E-01
Washington	Jeff																

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	King County	53033	U	Carbon Tetrachloride	8.82E-01	8.83E-01	8.87E-01	8.90E-01	8.90E-01	8.92E-01	8.96E-01	9.00E-01	1.00E-02	9.55E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	King County	53033	U	Chloroform	1.28E-01	1.49E-01	1.73E-01	2.04E-01	2.09E-01	2.40E-01	2.77E-01	3.02E-01	4.68E-02	7.93E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	King County	53033	U	Chromium Compounds (includes Hexavalent)	5.81E-04	6.78E-04	7.80E-04	1.08E-03	1.43E-03	1.57E-03	2.26E-03	3.18E-03	1.03E-04	1.24E-03	7.77E-05	7.72E-06	0.00E+00		
Washington	King County	53033	U	Chromium VI	5.74E-05	8.61E-05	1.47E-04	2.34E-04	3.54E-04	3.98E-04	6.55E-04	1.06E-03	2.11E-05	3.00E-04	3.11E-05	2.63E-06	0.00E+00		
Washington	King County	53033	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		
Washington	King County	53033	U	1,4-Dichlorobenzene	2.97E-02	4.41E-02	5.96E-02	7.78E-02	8.69E-02	1.05E-01	1.44E-01	1.68E-01	2.37E-05	8.69E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	1,3-Dichloropropene	6.98E-02	1.04E-01	1.41E-01	1.88E-01	2.12E-01	2.56E-01	3.61E-01	4.19E-01	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.71E-03	7.72E-03	7.73E-03	7.73E-03	7.76E-03	7.78E-03	1.44E-07	3.06E-05	0.00E+00	0.00E+00	7.70E-03		
Washington	King County	53033	U	Ethylene Dichloride	6.14E-02	6.15E-02	6.17E-02	6.20E-02	6.20E-02	6.22E-02	6.25E-02	6.28E-02	1.02E-03	2.45E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	King County	53033	U	Ethylene Oxide	3.05E-03	4.63E-03	6.46E-03	8.69E-03	1.07E-02	1.18E-02	1.74E-02	2.29E-02	0.00E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	Formaldehyde	1.17E+00	1.33E+00	1.50E+00	1.75E+00	2.01E+00	2.21E+00	2.88E+00	3.72E+00	2.03E-02	5.71E-01	6.33E-01	5.32E-01	2.50E-01		
Washington	King County	53033	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.20E-08	0.00E+00	9.30E-05		
Washington	King County	53033	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03	0.00E+00	5.58E-06	0.00E+00	0.00E+00	1.80E-03		
Washington	King County	53033	U	Hexamethylene Diisocyanate	2.78E-05	4.73E-05	1.50E-04	4.01E-04	7.18E-04	5.78E-04	8.58E-04	1.14E-03	5.91E-04	1.28E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	Hydrazine	3.32E-09	7.26E-09	1.53E-08	3.09E-08	8.32E-08	6.40E-08	2.05E-07	4.12E-07	1.79E-09	8.14E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	Lead Compounds	2.35E-03	2.53E-03	3.21E-03	4.00E-03	4.95E-03	5.31E-03	7.21E-03	9.24E-03	1.99E-04	2.97E-03	0.00E+00	1.79E-03	0.00E+00		
Washington	King County	53033	U	Manganese Compounds	2.01E-04	2.67E-04	4.48E-04	6.56E-04	1.39E-03	1.28E-03	2.62E-03	3.85E-03	7.08E-05	1.28E-03	2.50E-05	1.26E-05	0.00E+00		
Washington	King County	53033	U	Mercury Compounds	1.56E-03	1.57E-03	1.59E-03	1.63E-03	1.65E-03	1.68E-03	1.76E-03	1.82E-03	1.84E-05	2.03E-05	8.48E-05	3.00E-05	1.50E-03		
Washington	King County	53033	U	Methylene Chloride	2.47E-01	2.76E-01	3.28E-01	3.91E-01	4.64E-01	4.87E-01	6.99E-01	9.67E-01	4.97E-03	3.09E-01	0.00E+00	0.00E+00	1.50E-01		
Washington	King County	53033	U	Nickel Compounds	5.22E-05	9.89E-05	1.58E-04	2.39E-04	5.18E-04	4.12E-04	9.66E-04	1.85E-03	2.00E-05	1.96E-04	5.75E-05	2.44E-04	0.00E+00		
Washington	King County	53033	U	Perchloroethylene	1.65E-01	1.76E-01	2.03E-01	2.33E-01	2.63E-01	2.83E-01	3.47E-01	4.39E-01	2.70E-03	1.20E-01	0.00E+00	0.00E+00	1.40E-01		
Washington	King County	53033	U	Polychlorinated Biphenyls	3.88E-04	3.94E-04	4.04E-04	4.13E-04	4.34E-04	4.33E-04	4.93E-04	5.41E-04	1.59E-09	5.41E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	King County	53033	U	Polycyclic Organic Matter	7.60E-02	9.58E-02	1.21E-01	1.72E-01	1.98E-01	2.29E-01	3.08E-01	4.04E-01	6.27E-02	9.80E-02	2.65E-02	1.04E-02	0.00E+00		
Washington	King County	53033	U	7-PAH	4.40E-04	5.27E-04	1.15E-03	1.42E-03	1.93E-03	1.97E-03	2.71E-03	3.71E-03	1.32E-03	3.51E-04	1.75E-04	9.33E-05	0.00E+00		
Washington	King County	53033	U	Propylene Dichloride	6.65E-06	7.60E-06	1.73E-05	3.08E-05	4.08E-05	4.96E-05	6.55E-05	8.44E-05	1.56E-05	2.52E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	Quinoline	5.74E-08	8.23E-08	1.41E-07	2.13E-07	3.57E-07	7.90E-07	1.22E-06	0.00E+00	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	1,1,2,2-Tetrachloroethane	4.12E-05	4.91E-05	9.15E-05	1.36E-04	2.17E-04	2.56E-04	3.52E-04	4.44E-04	1.43E-04	7.45E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	King County	53033	U	Trichloroethylene	1.47E-01	1.86E-01	2.64E-01	3.75E-01	5.11E-01	5.44E-01	9.75E-01	1.39E+00	3.20E-02	3.98E-01	0.00E+00	0.00E+00	8.10E-02		
Washington	King County	53033	U	Vinyl Chloride	1.09E-04	1.28E-04	2.21E-04	3.28E-04	5.22E-04	6.09E-04	8.32E-04	1.07E-03	3.52E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	Acetaldehyde	4.93E-01	7.66E-01	8.99E-01	1.04E+00	1.04E+00	1.14E+00	1.37E+00	1.78E+00	7.54E-02	4.87E-01	3.89E-01	8.80E-02	0.00E+00		
Washington	Kitsap County	53035	U	Acrolein	6.32E-02	7.96E-02	8.29E-02	9.03E-02	9.08E-02	9.77E-02	1.10E-01	1.19E-01	3.78E-04	3.27E-02	4.47E-02	1.30E-02	0.00E+00		
Washington	Kitsap County	53035	U	Acrylonitrile	1.33E-04	1.97E-04	4.83E-04	6.97E-04	6.93E-04	8.31E-04	1.08E-03	1.33E-03	1.55E-05	6.78E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	Arsenic Compounds	2.38E-05	3.91E-05	4.20E-05	5.09E-05	5.44E-05	6.49E-05	7.11E-05	8.93E-05	1.28E-06	8.27E-06	3.61E-05	8.80E-06	0.00E+00		
Washington	Kitsap County	53035	U	Benzene	1.07E+00	1.30E+00	1.35E+00	1.50E+00	1.58E+00	1.67E+00	1.99E+00	2.44E+00	5.70E-04	3.64E-01	6.26E-01	1.06E-01	4.80E-01		
Washington	Kitsap County	53035	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		
Washington	Kitsap County	53035	U	Beryllium Compounds	7.85E-08	1.20E-07	1.41E-07	1.67E-07	2.00E-07	2.20E-07	2.93E-07	4.71E-07	8.39E-08	3.45E-08	0.00E+00	8.12E-08	0.00E+00		
Washington	Kitsap County	53035	U	1,3-Butadiene	1.99E-02	2.09E-02	2.43E-02	3.41E-02	4.70E-02	5.96E-02	8.68E-02	1.27E-01	7.57E-06	1.32E-02	2.70E-02	6.79E-03	0.00E+00		
Washington	Kitsap County	53035	U	Cadmium Compounds	8.11E-06	1.17E-05	1.62E-05	2.38E-05	2.64E-05	3.34E-05	4.58E-05	6.65E-05	7.87E-07	2.55E-05	0.00E+00	2.46E-07	0.00E+00		
Washington	Kitsap County	53035	U	Carbon Disulfide	4.75E-02	4.77E-02	4.81E-02	4.97E-02	4.96E-02	5.03E-02	5.18E-02	5.27E-02	2.35E-03	2.29E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Kitsap County	53035	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.82E-01	8.84E-01	8.84E-01	8.84E-01	8.87E-01	8.89E-01	3.57E-03	3.01E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Kitsap County	53035	U	Chloroform	9.45E-02	9.86E-02	1.06E-01	1.15E-01	1.15E-01	1.21E-01	1.34E-01	1.40E-01	1.75E-02	1.49E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Kitsap County	53035	U	Chromium Compounds (includes Hexavalent)	2.33E-04	4.33E-04	5.19E-04	7.30E-04	1.33E-03	9.79E-04	1.37E-03	4.59E-03	5.14E-04	7.83E-04	2.89E-05	2.17E-06	0.00E+00		
Washington	Kitsap County	53035	U	Chromium VI	2.92E-05	4.59E-05	6.82E-05	8.07E-05	1.50E-04	1.04E-04	1.50E-04	3.23E-04	3.93E-06	1.34E-04	1.15E-05	7.37E-07	0.00E+00		
Washington	Kitsap County	53035	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		
Washington	Kitsap County	53035	U	1,4-Dichlorobenzene	1.58E-02	2.78E-02	3.10E-02	3.67E-02	4.07E-02	4.73E-02	6.59E-02	6.87E-02	1.43E-06	4.07E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	1,3-Dichloropropene	3.63E-02	6.47E-02	7.30E-02	8.80E-02	9.91E-02	1.16E-01	1.62E-01	1.69E-01	0.00E+00	9.91E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	7.71E-03	8.70E-09	2.88E-06	0.00E+00	0.00E+00	7.70E-03		
Washington	Kitsap County	53035	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.14E-02	6.14E-02	6.17E-02	6.19E-02	3.37E-04	2.34E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Kitsap County	53035	U	Ethylene Oxide	1.46E-03	2.78E-03	3.19E-03	3.84E-03	4.50E-03	5.28E-03	7.60E-03	1.02E-02	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	Formaldehyde	8.44E-01	9.91E-01	1.09E+00	1.18E+00	1.18E+00	1.26E+00	1.39E+00	1.54E+00	7.54E-03	4.83E-01	3.08E-01	1.36E-01	2.50E-01		
Washington	Kitsap County	53035	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	3.88E-08	0.00E+00	0.00E+00	9.30E-05		
Washington	Kitsap County	53035	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	5.06E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Kitsap County	53035	U	Hexamethylene Diisocyanate	2.20E-05	2.75E-05	4.22E-05	6.68E-05	8.58E-05	1.08E-04	1.90E-04	6.90E-05	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	Hydrazine	1.41E-08	1.81E-08	2.78E-08	1.39E-07	2.21E-06	4.30E-07	1.71E-06	5.09E-06	2.20E-06	7.24E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	Lead Compounds	1.16E-03	1.92E-03	2.13E-03	2.54E-03	2.84E-03	3.27E-03	3.92E-03	4.24E-03	1.61E-05	1.87E-03	0.00E+00	9.46E-04	0.00E+00		
Washington	Kitsap County	53035	U	Manganese Compounds	1.43E-04	1.74E-04	2.86E-04	4.08E-04	6.96E-04	6.56E-04	1.08E-03	1.58E-03	1.24E-0						

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Kitsap County	53035	U	Quinoline	1.77E-08	2.88E-08	3.83E-08	5.12E-08	6.30E-08	7.57E-08	1.20E-07	1.34E-07	0.00E+00	6.30E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	1,1,2,2-Tetrachloroethane	2.86E-05	4.55E-05	5.34E-05	7.16E-05	1.03E-04	8.88E-05	1.13E-04	1.70E-04	8.62E-06	9.47E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Kitsap County	53035	U	Trichloroethylene	1.05E-01	1.18E-01	1.23E-01	1.41E-01	1.48E-01	1.58E-01	2.29E-01	2.04E-01	5.87E-03	6.11E-02	0.00E+00	0.00E+00	8.10E-02		
Washington	Kitsap County	53035	U	Vinyl Chloride	7.08E-05	1.12E-04	1.33E-04	1.76E-04	2.54E-04	2.17E-04	2.78E-04	4.19E-04	2.12E-05	2.33E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	Acetaldehyde	2.76E-02	2.76E-02	5.33E-02	7.02E-02	9.80E-02	1.45E-01	2.20E-01	2.20E-01	6.17E-05	3.37E-02	5.53E-02	8.92E-03	0.00E+00		
Washington	Kittitas County	53037	R	Acrolein	2.37E-02	2.37E-02	3.26E-02	4.86E-02	4.81E-02	5.98E-02	7.95E-02	7.95E-02	1.36E-06	3.83E-02	8.56E-03	1.28E-03	0.00E+00		
Washington	Kittitas County	53037	R	Acrylonitrile	1.45E-05	1.45E-05	3.03E-05	4.14E-05	5.26E-04	4.50E-04	3.15E-03	3.15E-03	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	Arsenic Compounds	1.88E-06	1.88E-06	4.76E-06	1.16E-05	2.28E-05	4.14E-05	6.48E-05	6.48E-05	1.09E-08	1.42E-06	1.78E-05	3.59E-06	0.00E+00		
Washington	Kittitas County	53037	R	Benzene	5.45E-01	5.45E-01	6.20E-01	6.64E-01	8.23E-01	1.05E+00	1.37E+00	1.37E+00	7.63E-07	1.11E-01	2.08E-01	2.47E-02	4.80E-01		
Washington	Kittitas County	53037	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		
Washington	Kittitas County	53037	R	Beryllium Compounds	9.71E-08	9.71E-08	1.11E-07	3.08E-07	7.09E-07	1.27E-06	2.21E-06	2.21E-06	0.00E+00	5.31E-07	0.00E+00	1.78E-07	0.00E+00		
Washington	Kittitas County	53037	R	1,3-Butadiene	6.59E-03	6.59E-03	1.12E-02	1.61E-02	2.94E-02	4.81E-02	7.77E-02	7.77E-02	0.00E+00	1.09E-02	1.60E-02	2.45E-03	0.00E+00		
Washington	Kittitas County	53037	R	Cadmium Compounds	1.76E-07	1.76E-07	2.03E-07	5.03E-07	1.04E-06	1.80E-06	3.11E-06	3.11E-06	2.16E-08	8.38E-07	0.00E+00	1.78E-07	0.00E+00		
Washington	Kittitas County	53037	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.75E-02	4.78E-02	4.87E-02	4.87E-02	0.00E+00	4.58E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Kittitas County	53037	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	1.05E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Kittitas County	53037	R	Chloroform	8.35E-02	8.35E-02	8.37E-02	8.80E-02	9.01E-02	9.54E-02	1.03E-01	1.03E-01	0.00E+00	7.10E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Kittitas County	53037	R	Chromium Compounds (includes Hexavalent)	1.27E-06	1.27E-06	2.85E-06	6.23E-06	1.26E-05	2.27E-05	3.59E-05	3.59E-05	6.70E-08	1.04E-06	1.11E-05	3.40E-07	0.00E+00		
Washington	Kittitas County	53037	R	Chromium VI	4.36E-07	4.36E-07	1.16E-06	2.52E-06	5.13E-06	9.27E-06	1.47E-05	1.47E-05	1.38E-08	5.60E-07	4.44E-06	1.16E-07	0.00E+00		
Washington	Kittitas County	53037	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		
Washington	Kittitas County	53037	R	1,4-Dichlorobenzene	4.59E-04	4.59E-04	7.97E-04	5.69E-03	7.93E-03	1.37E-02	2.25E-02	2.25E-02	0.00E+00	7.93E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	1,3-Dichloropropene	8.77E-04	8.77E-04	1.51E-03	1.15E-02	1.60E-02	2.79E-02	4.53E-02	4.53E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	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	2.75E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.14E-02	6.14E-02	0.00E+00	6.06E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Kittitas County	53037	R	Ethylene Oxide	6.98E-06	6.98E-06	1.15E-05	4.58E-05	1.79E-04	3.64E-04	5.85E-04	5.85E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	Formaldehyde	3.50E-01	3.50E-01	4.03E-01	4.55E-01	5.02E-01	5.97E-01	7.56E-01	7.56E-01	2.32E-05	1.56E-01	7.68E-02	1.90E-02	2.50E-01		
Washington	Kittitas County	53037	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.33E-05	9.35E-05	9.39E-05	9.45E-05	9.45E-05	0.00E+00	4.88E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Kittitas County	53037	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	6.27E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Kittitas County	53037	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		
Washington	Kittitas County	53037	R	Hydrazine	3.05E-12	3.05E-12	1.03E-11	1.98E-11	1.86E-11	2.46E-11	3.61E-11	3.61E-11	0.00E+00	1.86E-11	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	Lead Compounds	2.92E-05	2.92E-05	8.30E-05	3.06E-04	6.03E-04	7.09E-04	2.60E-03	2.60E-03	6.37E-08	3.34E-05	0.00E+00	5.70E-04	0.00E+00		
Washington	Kittitas County	53037	R	Manganese Compounds	3.91E-06	3.91E-06	9.33E-06	1.53E-05	1.62E-05	2.46E-05	2.75E-05	2.75E-05	1.79E-06	1.04E-05	3.71E-06	3.47E-07	0.00E+00		
Washington	Kittitas County	53037	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.53E-03	1.55E-03	1.58E-03	1.58E-03	8.66E-10	4.30E-06	2.04E-05	3.06E-06	1.50E-03		
Washington	Kittitas County	53037	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.63E-01	1.85E-01	2.14E-01	2.67E-01	2.67E-01	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Kittitas County	53037	R	Nickel Compounds	2.80E-06	2.80E-06	4.88E-06	1.75E-05	1.14E-04	7.35E-05	7.14E-04	7.14E-04	2.69E-09	1.05E-04	8.39E-06	5.86E-07	0.00E+00		
Washington	Kittitas County	53037	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.44E-01	1.46E-01	1.50E-01	1.60E-01	1.60E-01	0.00E+00	6.17E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Kittitas County	53037	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.85E-04	4.12E-04	4.37E-04	4.82E-04	5.54E-04	5.54E-04	0.00E+00	5.66E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Kittitas County	53037	R	Polycyclic Organic Matter	5.39E-03	5.39E-03	6.32E-03	2.63E-02	2.39E-02	3.82E-02	4.41E-02	4.41E-02	7.24E-03	1.22E-02	3.91E-03	5.42E-04	0.00E+00		
Washington	Kittitas County	53037	R	7-PAH	8.07E-04	8.07E-04	1.21E-03	1.78E-03	1.89E-03	2.45E-03	3.44E-03	3.44E-03	1.96E-05	1.84E-03	2.97E-05	5.61E-06	0.00E+00		
Washington	Kittitas County	53037	R	Propylene Dichloride	7.71E-07	7.71E-07	1.77E-06	2.17E-06	3.08E-05	2.53E-05	1.87E-04	1.87E-04	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	Quinoline	1.13E-10	1.13E-10	2.97E-10	3.98E-10	4.21E-10	4.94E-10	8.81E-10	8.81E-10	0.00E+00	4.21E-10	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	1,1,2,2-Tetrachloroethane	6.13E-06	6.13E-06	1.40E-05	1.84E-05	2.72E-04	2.14E-04	1.68E-03	1.68E-03	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Kittitas County	53037	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.20E-02	8.47E-02	8.73E-02	9.54E-02	9.54E-02	0.00E+00	3.70E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Kittitas County	53037	R	Vinyl Chloride	1.51E-05	1.51E-05	3.44E-05	4.53E-05	6.71E-04	5.27E-04	4.14E-03	4.14E-03	0.00E+00	6.71E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Klickitat County	53039	R	Acetaldehyde	3.85E-02	3.85E-02	3.85E-02	7.14E-02	6.26E-02	7.78E-02	7.78E-02	7.78E-02	0.00E+00	3.78E-02	1.31E-02	1.17E-02	0.00E+00		
Washington	Klickitat County	53039	R	Acrolein	2.62E-02	2.62E-02	2.62E-02	5.71E-02	4.74E-02	5.87E-02	5.87E-02	5.87E-02	0.00E+00	4.35E-02	2.65E-03	1.21E-03	0.00E+00		
Washington	Klickitat County	53039	R	Acrylonitrile	1.92E-05	1.92E-05	1.92E-05	1.19E-04	1.40E-04	2.83E-04	2.83E-04	2.83E-04	9.40E-05	4.62E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Klickitat County	53039	R	Arsenic Compounds	2.55E-06	2.55E-06	2.55E-06	5.56E-06	5.01E-06	6.94E-06	6.94E-06	6.94E-06	0.00E+00	1.33E-06	2.35E-06	1.34E-06	0.00E+00		
Washington	Klickitat County	53039	R	Benzene	5.46E-01	5.46E-01	5.46E-01	6.39E-01	6.08E-01	6.39E-01	6.39E-01	6.39E-01	2.42E-04	8.74E-02	3.07E-02	9.69E-03	4.80E-01		
Washington	Klickitat County	53039	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		
Washington	Klickitat County	53039	R	Beryllium Compounds	8.24E-07	8.24E-07	8.24E-07	1.27E-06	1.42E-06	2.16E-06	2.16E-06	2.16E-06	0.00E+00	9.97E-08	0.00E+00	1.32E-06	0.00E+00		
Washington	Klickitat County	53039	R	1,3-Butadiene	6.68E-03	6.68E-03	6.68E-03	1.73E-02	1.38E-02	1.74E-02	1.74E-02	1.74E-02	0.00E+00	1.22E-02	1.01E-03	5.92E-04	0.00E+00		
Washington	Klickitat County	53039	R	Cadmium Compounds	2.05E-06	2.05E-06	2.05E-06	2.51E-06	3.09E-06	4.72E-06	4.72E-06	4.72E-06	0.00E+00	1.76E-06	0.00E+00	1.33E-06	0.00E+00		
Washington	Klickitat County	53039	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	1.23E-05	6.95E-05	0.00E+00	0.00E+00	4.70E-02		
Washington	Klickitat County	53039	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	1.72E-07	1.48E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Klickitat County	53039	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.45E-02	8.42E-02	8.47E-02	8.47E-02	8.47E-02	1.00E-06	1.15E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Klickitat County	53039	R	Chromium Compounds (includes Hexavalent)	4.05E-06	4.05E-06	4.05E-06	4.58E-06	4.79E-06	5.64E-06	5.64E-06	5.64E-06	0.00E+00	2.88E-06	1.45E-06				

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Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Klickitat County	53039	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.36E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Klickitat County	53039	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	8.50E-09	0.00E+00	0.00E+00	1.80E-03		
Washington	Klickitat County	53039	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		
Washington	Klickitat County	53039	R	Hydrazine	1.10E-12	1.10E-12	1.10E-12	5.10E-11	6.68E-10	1.95E-09	1.95E-09	1.95E-09	0.00E+00	6.68E-10	0.00E+00	0.00E+00	0.00E+00		
Washington	Klickitat County	53039	R	Lead Compounds	1.86E-05	1.86E-05	1.86E-05	3.84E-05	3.78E-05	5.63E-05	5.63E-05	5.63E-05	0.00E+00	1.38E-05	0.00E+00	2.39E-05	0.00E+00		
Washington	Klickitat County	53039	R	Manganese Compounds	8.58E-05	8.58E-05	8.58E-05	1.16E-04	1.27E-04	1.80E-04	1.80E-04	1.80E-04	0.00E+00	1.26E-04	0.00E+00	4.40E-07	3.55E-07	0.00E+00	
Washington	Klickitat County	53039	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	1.08E-07	2.97E-06	2.73E-06	2.76E-06	1.50E-03		
Washington	Klickitat County	53039	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.58E-01	1.75E-01	2.13E-01	2.13E-01	2.13E-01	1.85E-02	6.15E-03	0.00E+00	0.00E+00	1.50E-01		
Washington	Klickitat County	53039	R	Nickel Compounds	1.06E-05	1.06E-05	1.06E-05	1.95E-05	2.14E-05	3.43E-05	3.43E-05	3.43E-05	0.00E+00	1.64E-05	1.09E-06	3.96E-06	0.00E+00		
Washington	Klickitat County	53039	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	1.65E-04	1.62E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Klickitat County	53039	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.92E-04	3.90E-04	3.93E-04	3.93E-04	3.93E-04	0.00E+00	9.75E-06	0.00E+00	0.00E+00	3.80E-04		
Washington	Klickitat County	53039	R	Polycyclic Organic Matter	6.31E-03	6.31E-03	6.31E-03	9.77E-03	1.02E-02	1.44E-02	1.44E-02	1.44E-02	3.79E-03	5.53E-03	5.25E-04	3.19E-04	0.00E+00		
Washington	Klickitat County	53039	R	7-PAH	2.95E-03	2.95E-03	2.95E-03	5.47E-03	5.01E-03	6.62E-03	6.62E-03	6.62E-03	3.37E-03	1.64E-03	3.94E-06	5.27E-06	0.00E+00		
Washington	Klickitat County	53039	R	Propylene Dichloride	9.99E-07	9.99E-07	9.99E-07	7.03E-06	8.36E-06	1.70E-05	1.70E-05	1.70E-05	5.69E-06	2.67E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Quinolone	53039	R	Quinolone	9.87E-12	9.87E-12	9.87E-12	1.79E-09	3.22E-09	7.86E-09	7.86E-09	7.86E-09	0.00E+00	3.22E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Klickitat County	53039	R	1,1,2,2-Tetrachloroethane	7.47E-06	7.47E-06	7.47E-06	6.20E-05	7.50E-05	1.56E-04	1.56E-04	1.56E-04	5.21E-05	2.29E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Klickitat County	53039	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.15E-02	8.15E-02	8.17E-02	8.17E-02	8.17E-02	9.90E-05	4.49E-04	0.00E+00	0.00E+00	8.10E-02		
Washington	Klickitat County	53039	R	Vinyl Chloride	1.85E-05	1.85E-05	1.85E-05	1.53E-04	1.85E-04	3.83E-04	3.83E-04	3.83E-04	1.28E-04	5.66E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	Acetaldehyde	2.84E-02	4.22E-02	6.88E-02	1.87E-01	1.74E-01	2.63E-01	2.95E-01	3.24E-01	2.12E-02	3.70E-02	9.84E-02	1.74E-02	0.00E+00		
Washington	Lewis County	53041	R	Acrolein	2.65E-02	3.06E-02	4.58E-02	6.66E-02	5.86E-02	7.25E-02	7.65E-02	8.23E-02	9.42E-05	4.35E-02	1.28E-02	2.29E-03	0.00E+00		
Washington	Lewis County	53041	R	Acrylonitrile	8.89E-07	1.98E-06	8.59E-06	3.55E-05	5.04E-04	1.41E-04	6.59E-04	4.53E-03	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	Arsenic Compounds	1.75E-06	2.79E-06	9.73E-06	3.16E-05	3.07E-05	4.64E-05	5.86E-05	6.43E-05	7.34E-06	2.28E-06	1.66E-05	4.54E-06	0.00E+00		
Washington	Lewis County	53041	R	Benzene	5.49E-01	5.77E-01	6.15E-01	8.84E-01	8.79E-01	1.06E+00	1.31E+00	1.43E+00	6.78E-04	1.50E-01	2.31E-01	3.54E-02	4.80E-01		
Washington	Lewis County	53041	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		
Washington	Lewis County	53041	R	Beryllium Compounds	4.90E-08	1.50E-07	5.08E-07	1.19E-06	1.26E-06	1.90E-06	2.43E-06	2.69E-06	2.01E-07	3.23E-07	0.00E+00	7.35E-07	0.00E+00		
Washington	Lewis County	53041	R	1,3-Butadiene	1.08E-02	1.19E-02	1.36E-02	2.77E-02	2.87E-02	3.70E-02	5.62E-02	6.65E-02	0.00E+00	1.27E-02	1.26E-02	3.39E-03	0.00E+00		
Washington	Lewis County	53041	R	Cadmium Compounds	2.88E-07	4.73E-07	1.31E-06	3.17E-06	3.22E-06	4.17E-06	6.45E-06	8.29E-06	1.30E-06	1.17E-06	0.00E+00	7.46E-07	0.00E+00		
Washington	Lewis County	53041	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.83E-02	4.85E-02	4.97E-02	5.02E-02	5.07E-02	6.30E-04	8.67E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Lewis County	53041	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.85E-01	9.02E-04	1.54E-04	0.00E+00	0.00E+00	8.80E-01	
Washington	Lewis County	53041	R	Chloroform	8.33E-02	8.36E-02	8.47E-02	9.59E-02	9.78E-02	1.09E-01	1.16E-01	1.24E-01	5.35E-03	9.46E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Lewis County	53041	R	Chromium Compounds (includes Hexavalent)	2.60E-06	1.10E-05	3.46E-05	1.76E-04	9.83E-04	6.81E-04	1.28E-03	7.34E-03	6.75E-06	9.65E-04	1.08E-05	7.02E-07	0.00E+00		
Washington	Lewis County	53041	R	Chromium VI	9.19E-07	1.53E-06	4.77E-06	1.75E-05	4.34E-05	4.66E-05	6.65E-05	2.42E-04	1.49E-06	3.74E-05	4.23E-06	2.39E-07	0.00E+00		
Washington	Lewis County	53041	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		
Washington	Lewis County	53041	R	1,4-Dichlorobenzene	3.92E-04	7.65E-04	2.01E-03	6.16E-03	1.16E-02	1.66E-02	2.82E-02	4.69E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	1,3-Dichloropropene	7.89E-04	1.51E-03	3.81E-03	1.22E-02	2.31E-02	3.32E-02	5.63E-02	9.43E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	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	3.22E-07	0.00E+00	0.00E+00	7.70E-03		
Washington	Lewis County	53041	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.15E-02	6.17E-02	8.05E-05	5.69E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Lewis County	53041	R	Ethylene Oxide	4.53E-06	8.70E-06	1.44E-05	9.20E-05	1.94E-04	3.60E-04	4.80E-04	5.36E-04	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	Formaldehyde	3.73E-01	3.97E-01	4.52E-01	5.91E-01	5.61E-01	6.52E-01	7.18E-01	7.71E-01	3.64E-03	1.80E-01	9.41E-02	3.34E-02	2.50E-01		
Washington	Lewis County	53041	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.34E-05	9.38E-05	9.44E-05	9.50E-05	9.61E-05	0.00E+00	8.16E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Lewis County	53041	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	9.02E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Lewis County	53041	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-07	6.27E-07	1.65E-06	1.76E-06	0.00E+00	3.95E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	Hydrazine	7.54E-13	7.44E-12	1.06E-10	2.84E-09	2.50E-08	3.90E-08	6.48E-08	1.30E-07	0.00E+00	2.50E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	Lead Compounds	7.07E-06	2.23E-05	9.55E-05	2.61E-04	2.54E-04	3.58E-04	5.36E-04	5.54E-04	7.45E-05	1.07E-04	0.00E+00	7.26E-05	0.00E+00		
Washington	Lewis County	53041	R	Manganese Compounds	2.31E-05	3.84E-05	7.44E-05	2.33E-04	3.59E-04	5.90E-04	7.73E-04	1.12E-03	5.44E-05	3.01E-04	3.44E-06	6.35E-07	0.00E+00		
Washington	Lewis County	53041	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.57E-03	7.17E-07	3.68E-06	1.85E-05	4.46E-06	1.50E-03		
Washington	Lewis County	53041	R	Methylene Chloride	1.52E-01	1.53E-01	1.56E-01	1.75E-01	2.05E-01	2.42E-01	2.96E-01	3.63E-01	7.44E-04	5.43E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Lewis County	53041	R	Nickel Compounds	9.84E-07	7.52E-06	3.47E-05	1.56E-04	9.42E-04	5.83E-04	1.20E-03	7.22E-03	5.06E-06	9.25E-04	8.14E-06	4.02E-06	0.00E+00		
Washington	Lewis County	53041	R	Perchloroethylene	1.40E-01	1.40E-01	1.42E-01	1.44E-01	1.50E-01	1.54E-01	1.71E-01	1.86E-01	1.63E-04	1.01E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Lewis County	53041	R	Polychlorinated Biphenyls	3.82E-04	3.83E-04	3.86E-04	4.25E-04	4.79E-04	5.44E-04	6.19E-04	7.51E-04	0.00E+00	9.85E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Lewis County	53041	R	Polycyclic Organic Matter	3.68E-03	4.99E-03	8.39E-03	2.88E-02	2.73E-02	3.78E-02	4.79E-02	6.51E-02	4.68E-03	1.82E-02	3.85E-03	6.33E-04	0.00E+00		
Washington	Lewis County	53041	R	7-PAH	1.11E-03	1.28E-03	1.69E-03	2.50E-03	2.59E-03	3.05E-03	3.99E-03	4.70E-03	2.35E-04	2.32E-03	2.90E-05	7.72E-06	0.00E+00		
Washington	Lewis County	53041	R	Propylene Dichloride	2.83E-08	6.13E-08	4.25E-07	1.73E-06	2.95E-05	6.71E-06	3.70E-05	2.70E-04	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	Quinoline	3.70E-11	2.55E-10	3.41E-09	1.22E-07	7.11E-05	3.71E-07	3.38E-04	4.17E-04	7.11E-05	8.73E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	1,1,2,2-Tetrachloroethane	4.11E-09	9.21E-09	1.97E-06	3.29E-06	2.50E-04	1.77E-05	2.84E-04	2.41E-03	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Lewis County	53041	R	Trichloroethylene	8.11E-02	8.12E-02	8.16E-02	8.32E-02	8.63E-02	8.97E-02	9.81E-02	1.02E-01	1.62E-04	5.19E-03	0.00E+00	0.00E+00</			

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Lincoln County	53043	R	1,3-Butadiene	2.26E-03	2.26E-03	2.33E-03	3.95E-03	5.65E-03	8.97E-03	1.24E-02	1.24E-02	0.00E+00	3.21E-03	9.11E-04	1.53E-03	0.00E+00		
Washington	Lincoln County	53043	R	Cadmium Compounds	9.99E-08	9.99E-08	1.46E-07	3.86E-07	5.52E-07	9.57E-07	1.34E-06	1.34E-06	0.00E+00	3.17E-07	0.00E+00	2.35E-07	0.00E+00		
Washington	Lincoln County	53043	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.73E-02	4.76E-02	4.81E-02	4.81E-02	2.25E-07	3.03E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Lincoln County	53043	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	3.14E-09	4.16E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Lincoln County	53043	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.36E-02	8.40E-02	8.40E-02	1.83E-08	3.33E-04	0.00E+00	0.00E+00	8.30E-02		
Washington	Lincoln County	53043	R	Chromium Compounds (includes Hexavalent)	3.43E-07	3.43E-07	6.39E-07	1.21E-06	1.60E-06	2.57E-06	3.66E-06	3.66E-06	0.00E+00	4.43E-07	9.10E-07	2.52E-07	0.00E+00		
Washington	Lincoln County	53043	R	Chromium VI	1.34E-07	1.34E-07	2.42E-07	4.65E-07	6.69E-07	1.10E-06	1.61E-06	1.61E-06	0.00E+00	2.16E-07	3.67E-07	8.56E-08	0.00E+00		
Washington	Lincoln County	53043	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		
Washington	Lincoln County	53043	R	1,4-Dichlorobenzene	1.77E-04	1.77E-04	1.87E-04	3.68E-04	2.29E-03	4.39E-03	8.24E-03	8.24E-03	1.57E-07	2.29E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Lincoln County	53043	R	1,3-Dichloropropene	3.45E-04	3.45E-04	3.65E-04	7.04E-04	4.64E-03	8.91E-03	1.68E-02	1.68E-02	0.00E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Lincoln County	53043	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	9.58E-10	3.84E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Lincoln County	53043	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	2.07E-07	1.57E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Lincoln County	53043	R	Ethylene Oxide	3.95E-06	3.95E-06	4.79E-06	2.20E-05	4.25E-04	8.45E-04	1.65E-03	1.65E-03	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Lincoln County	53043	R	Formaldehyde	3.15E-01	3.15E-01	3.26E-01	3.43E-01	3.39E-01	3.51E-01	3.52E-01	3.52E-01	0.00E+00	5.68E-02	8.37E-03	2.34E-02	2.50E-01		
Washington	Lincoln County	53043	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.34E-05	9.38E-05	9.38E-05	0.00E+00	2.68E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Lincoln County	53043	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	2.45E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Lincoln County	53043	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		
Washington	Lincoln County	53043	R	Hydrazine	5.77E-11	5.77E-11	6.13E-11	3.33E-10	1.75E-08	3.50E-08	6.94E-08	6.94E-08	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Lincoln County	53043	R	Lead Compounds	1.47E-06	1.47E-06	2.24E-06	4.56E-06	3.47E-05	6.72E-05	1.28E-04	1.28E-04	0.00E+00	3.20E-05	0.00E+00	2.74E-06	0.00E+00		
Washington	Lincoln County	53043	R	Manganese Compounds	3.36E-07	3.36E-07	4.83E-07	6.57E-07	1.70E-06	2.91E-06	5.14E-06	5.14E-06	0.00E+00	1.14E-06	2.98E-07	2.60E-07	0.00E+00		
Washington	Lincoln County	53043	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	2.99E-10	1.28E-06	1.92E-06	2.50E-06	1.50E-03		
Washington	Lincoln County	53043	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.62E-01	1.73E-01	1.94E-01	1.94E-01	5.74E-06	1.18E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Lincoln County	53043	R	Nickel Compounds	6.04E-07	6.04E-07	9.18E-07	1.41E-06	7.96E-06	1.50E-05	2.84E-05	2.84E-05	0.00E+00	6.82E-06	7.00E-07	4.36E-07	0.00E+00		
Washington	Lincoln County	53043	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.44E-01	1.44E-01	2.92E-06	1.24E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Lincoln County	53043	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.83E-04	4.03E-04	4.24E-04	4.65E-04	4.65E-04	0.00E+00	2.32E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Lincoln County	53043	R	Polycyclic Organic Matter	1.33E-03	1.33E-03	1.35E-03	1.92E-03	3.81E-03	6.26E-03	1.01E-02	1.01E-02	0.00E+00	3.21E-03	3.27E-04	2.73E-04	0.00E+00		
Washington	Lincoln County	53043	R	7-PAH	2.50E-04	2.50E-04	3.01E-04	4.57E-04	5.25E-04	7.49E-04	9.35E-04	9.35E-04	0.00E+00	5.20E-04	2.62E-06	2.52E-06	0.00E+00		
Washington	Lincoln County	53043	R	Propylene Dichloride	2.66E-08	2.66E-08	9.02E-08	6.95E-07	1.16E-06	2.23E-06	3.23E-06	3.23E-06	1.04E-07	1.06E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Lincoln County	53043	R	Quinoline	4.44E-10	4.44E-10	5.20E-10	2.39E-09	4.53E-08	9.01E-08	1.76E-07	1.76E-07	0.00E+00	4.53E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Lincoln County	53043	R	1,1,2,2-Tetrachloroethane	4.06E-08	4.06E-08	6.15E-07	1.64E-06	3.32E-06	6.03E-06	9.97E-06	9.97E-06	9.50E-07	2.37E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Lincoln County	53043	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.21E-02	8.31E-02	8.51E-02	8.51E-02	1.75E-06	1.08E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Lincoln County	53043	R	Vinyl Chloride	1.17E-07	1.17E-07	1.53E-06	6.70E-06	9.56E-06	1.76E-05	2.47E-05	2.47E-05	2.34E-06	7.22E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Mason County	53045	R	Acetaldehyde	5.09E-02	9.44E-02	1.88E-01	2.43E-01	2.48E-01	2.96E-01	4.04E-01	4.69E-01	2.69E-02	5.13E-02	1.52E-01	1.77E-02	0.00E+00		
Washington	Mason County	53045	R	Acrolein	4.48E-02	4.90E-02	5.92E-02	6.67E-02	7.10E-02	8.02E-02	9.75E-02	1.04E-01	3.18E-04	4.85E-02	1.89E-02	3.24E-03	0.00E+00		
Washington	Mason County	53045	R	Acrylonitrile	6.23E-06	1.88E-05	6.19E-05	9.16E-05	1.52E-04	2.19E-04	3.83E-04	4.63E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Mason County	53045	R	Arsenic Compounds	4.17E-06	8.51E-06	1.44E-05	1.93E-05	2.40E-05	3.75E-05	4.63E-05	4.79E-05	3.01E-06	1.18E-06	1.66E-05	3.17E-06	0.00E+00		
Washington	Mason County	53045	R	Benzene	6.10E-01	6.89E-01	7.90E-01	9.26E-01	9.32E-01	1.15E+00	1.18E+00	1.20E+00	2.01E-04	1.82E-01	2.26E-01	4.35E-02	4.80E-01		
Washington	Mason County	53045	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		
Washington	Mason County	53045	R	Beryllium Compounds	7.42E-08	1.61E-07	3.20E-07	5.36E-07	6.02E-07	7.17E-07	1.27E-06	1.41E-06	6.87E-09	5.28E-07	0.00E+00	6.73E-08	0.00E+00		
Washington	Mason County	53045	R	1,3-Butadiene	1.09E-02	1.26E-02	1.49E-02	2.49E-02	2.46E-02	2.85E-02	4.01E-02	4.23E-02	6.63E-07	1.41E-02	7.97E-03	2.49E-03	0.00E+00		
Washington	Mason County	53045	R	Cadmium Compounds	4.34E-07	6.22E-07	1.53E-06	2.06E-06	2.46E-06	3.09E-06	4.24E-06	6.55E-06	7.65E-07	1.61E-06	0.00E+00	8.10E-08	0.00E+00		
Washington	Mason County	53045	R	Carbon Disulfide	4.70E-02	4.71E-02	4.73E-02	4.77E-02	4.81E-02	4.81E-02	5.10E-02	5.11E-02	2.50E-04	8.81E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Mason County	53045	R	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	3.56E-04	2.23E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Mason County	53045	R	Chloroform	8.35E-02	8.52E-02	8.83E-02	9.27E-02	9.16E-02	9.39E-02	9.71E-02	9.87E-02	1.83E-03	6.77E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Mason County	53045	R	Chromium Compounds (includes Hexavalent)	4.02E-06	8.09E-06	2.06E-05	3.17E-05	3.36E-05	4.45E-05	5.62E-05	8.75E-05	6.19E-06	1.59E-05	1.10E-05	5.55E-07	0.00E+00		
Washington	Mason County	53045	R	Chromium VI	1.43E-06	2.89E-06	6.00E-06	7.39E-06	8.63E-06	1.05E-05	1.30E-05	2.47E-05	2.31E-06	1.79E-06	4.35E-06	1.89E-07	0.00E+00		
Washington	Mason County	53045	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		
Washington	Mason County	53045	R	1,4-Dichlorobenzene	1.11E-03	3.12E-03	6.05E-03	1.02E-02	1.22E-02	1.19E-02	2.94E-02	3.04E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Mason County	53045	R	1,3-Dichloropropene	2.02E-03	5.85E-03	1.16E-02	1.98E-02	2.42E-02	2.36E-02	5.94E-02	6.10E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Mason County	53045	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	5.47E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Mason County	53045	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	3.20E-05	1.10E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Mason County	53045	R	Ethylene Oxide	2.64E-05	3.96E-05	9.00E-05	1.84E-04	2.41E-04	3.70E-04	4.86E-04	6.61E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Mason County	53045	R	Formaldehyde	4.38E-01	4.99E-01	5.69E-01	6.97E-01	9.71E-01	7.66E-01	2.04E+00	2.84E+00	3.00E-01	2.12E-01	1.20E-01	2.92E-02	2.50E-01		
Washington	Mason County	53045	R	Hexachlorobenzene	9.30E-05	9.31E-05	9.33E-05	9.35E-05	9.37E-05	9.37E-05	9.48E-05	9.54E-05	0.00E+00	7.33E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Mason County	53045	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	1.32E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Mason County	53045	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	5.08E-07	8.93E-07	1.80E-06	1.04E-06	6.27E-06	1.15E-05	9.31E-07	8.70E-07	0.00E+00	0.00E+00	0		

DRAFT FOR REVIEW ONLY																	
Estimated Annual Average Ambient Concentrations µg/m3 for Washington																	
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
Washington	Mason County	53045	R	Polycyclic Organic Matter	6.12E-03	1.08E-02	2.01E-02	2.70E-02	2.87E-02	3.46E-02	5.04E-02	5.80E-02	1.34E-03	2.28E-02	4.00E-03	6.06E-04	0.00E+00
Washington	Mason County	53045	R	7-PAH	1.47E-03	1.56E-03	2.08E-03	2.27E-03	2.71E-03	3.29E-03	4.47E-03	4.84E-03	2.83E-05	2.64E-03	2.91E-05	1.00E-05	0.00E+00
Washington	Mason County	53045	R	Propylene Dichloride	2.70E-07	8.16E-07	3.28E-06	4.48E-06	6.90E-06	1.11E-05	1.31E-05	2.74E-05	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00
Washington	Mason County	53045	R	Quinoline	1.50E-09	4.95E-09	6.04E-09	7.43E-09	1.48E-08	1.40E-08	2.70E-08	7.46E-08	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00
Washington	Mason County	53045	R	1,1,2,2-Tetrachloroethane	1.31E-06	3.95E-06	1.97E-05	2.22E-05	4.23E-05	3.80E-05	9.68E-05	2.45E-04	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Mason County	53045	R	Trichloroethylene	8.12E-02	8.17E-02	8.27E-02	8.45E-02	8.62E-02	8.95E-02	9.47E-02	9.50E-02	6.78E-05	5.14E-03	0.00E+00	0.00E+00	8.10E-02
Washington	Mason County	53045	R	Vinyl Chloride	3.29E-06	9.95E-06	4.96E-05	5.65E-05	1.05E-04	9.40E-05	2.39E-04	6.04E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	R	Acetaldehyde	1.89E-02	2.01E-02	2.25E-02	2.95E-02	3.08E-02	3.86E-02	4.50E-02	4.68E-02	0.00E+00	2.27E-02	6.05E-03	2.07E-03	0.00E+00
Washington	Okanogan County	53047	R	Acrolein	1.87E-02	2.14E-02	2.81E-02	3.23E-02	3.30E-02	3.62E-02	4.69E-02	5.47E-02	0.00E+00	3.18E-02	9.60E-04	3.18E-04	0.00E+00
Washington	Okanogan County	53047	R	Acrylonitrile	4.96E-07	7.33E-07	2.02E-06	5.12E-06	9.43E-06	1.48E-05	2.51E-05	3.05E-05	0.00E+00	9.43E-06	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	R	Arsenic Compounds	3.04E-07	5.07E-07	9.03E-07	1.70E-06	2.67E-06	2.67E-06	7.79E-06	1.08E-05	0.00E+00	3.69E-07	1.68E-06	6.18E-07	0.00E+00
Washington	Okanogan County	53047	R	Benzene	5.31E-01	5.36E-01	5.44E-01	5.63E-01	5.72E-01	5.98E-01	6.25E-01	6.50E-01	0.00E+00	6.82E-02	1.80E-02	5.47E-03	4.80E-01
Washington	Okanogan County	53047	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
Washington	Okanogan County	53047	R	Beryllium Compounds	1.13E-09	3.68E-09	1.18E-08	3.35E-08	1.13E-07	5.27E-08	4.66E-07	6.98E-07	0.00E+00	1.13E-07	0.00E+00	3.28E-10	0.00E+00
Washington	Okanogan County	53047	R	1,3-Butadiene	5.43E-03	7.00E-03	8.97E-03	1.23E-02	1.25E-02	1.60E-02	1.94E-02	2.01E-02	0.00E+00	1.09E-02	1.22E-03	3.50E-04	0.00E+00
Washington	Okanogan County	53047	R	Cadmium Compounds	1.46E-08	3.11E-08	5.10E-08	1.27E-07	2.43E-07	2.05E-07	8.06E-07	1.22E-06	0.00E+00	2.43E-07	0.00E+00	3.25E-10	0.00E+00
Washington	Okanogan County	53047	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.70E-02	4.72E-02	4.73E-02	0.00E+00	5.65E-05	0.00E+00	0.00E+00	4.70E-02
Washington	Okanogan County	53047	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	1.52E-05	0.00E+00	0.00E+00	8.80E-01
Washington	Okanogan County	53047	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.37E-02	8.36E-02	8.53E-02	8.62E-02	0.00E+00	6.79E-04	0.00E+00	0.00E+00	8.30E-02
Washington	Okanogan County	53047	R	Chromium Compounds (includes Hexavalent)	1.65E-07	2.46E-07	3.75E-07	1.17E-06	1.58E-06	1.53E-06	4.64E-06	6.85E-06	0.00E+00	5.25E-07	1.01E-06	5.12E-08	0.00E+00
Washington	Okanogan County	53047	R	Chromium VI	6.48E-08	9.67E-08	1.48E-07	4.91E-07	6.91E-07	7.48E-07	2.00E-06	3.02E-06	0.00E+00	2.67E-07	4.07E-07	1.74E-08	0.00E+00
Washington	Okanogan County	53047	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
Washington	Okanogan County	53047	R	1,4-Dichlorobenzene	9.32E-05	1.85E-04	2.78E-04	5.81E-04	1.23E-03	1.04E-03	4.17E-03	5.84E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	R	1,3-Dichloropropene	1.82E-04	3.65E-04	5.52E-04	1.14E-03	2.48E-03	2.09E-03	8.47E-03	1.19E-02	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	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	2.49E-09	0.00E+00	0.00E+00	7.70E-03
Washington	Okanogan County	53047	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	7.34E-07	0.00E+00	0.00E+00	6.10E-02
Washington	Okanogan County	53047	R	Ethylene Oxide	1.07E-06	1.09E-06	3.81E-06	1.29E-05	2.88E-05	3.05E-05	1.03E-04	1.53E-04	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	R	Formaldehyde	3.27E-01	3.40E-01	3.68E-01	3.97E-01	3.94E-01	4.10E-01	4.51E-01	4.85E-01	0.00E+00	1.33E-01	7.39E-03	3.47E-03	2.50E-01
Washington	Okanogan County	53047	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	9.57E-08	0.00E+00	0.00E+00	9.30E-05
Washington	Okanogan County	53047	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	8.95E-09	0.00E+00	0.00E+00	1.80E-03
Washington	Okanogan County	53047	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
Washington	Okanogan County	53047	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-13	4.18E-13	1.20E-12	1.93E-12	0.00E+00	2.81E-13	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	R	Lead Compounds	7.46E-07	9.33E-07	2.10E-06	3.94E-05	1.07E-04	9.02E-05	4.18E-04	6.99E-04	0.00E+00	1.49E-05	0.00E+00	9.20E-05	0.00E+00
Washington	Okanogan County	53047	R	Manganese Compounds	1.52E-07	2.87E-07	4.34E-07	8.22E-06	3.38E-05	5.60E-05	1.18E-04	1.63E-04	0.00E+00	3.34E-05	3.32E-07	5.72E-08	0.00E+00
Washington	Okanogan County	53047	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	0.00E+00	3.98E-07	1.99E-06	5.01E-07	1.50E-03
Washington	Okanogan County	53047	R	Methylene Chloride	1.50E-01	1.51E-01	1.51E-01	1.52E-01	1.55E-01	1.54E-01	1.68E-01	1.75E-01	0.00E+00	5.13E-03	0.00E+00	0.00E+00	1.50E-01
Washington	Okanogan County	53047	R	Nickel Compounds	1.33E-07	2.10E-07	3.79E-07	6.34E-07	1.07E-06	9.70E-07	3.20E-06	4.41E-06	0.00E+00	2.22E-07	7.54E-07	9.05E-08	0.00E+00
Washington	Okanogan County	53047	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	0.00E+00	7.60E-04	0.00E+00	0.00E+00	1.40E-01
Washington	Okanogan County	53047	R	Polychlorinated Biphenyls	3.81E-04	3.82E-04	3.84E-04	3.85E-04	3.87E-04	3.89E-04	3.94E-04	3.98E-04	0.00E+00	6.56E-06	0.00E+00	0.00E+00	3.80E-04
Washington	Okanogan County	53047	R	Polycyclic Organic Matter	3.10E-03	3.25E-03	3.85E-03	4.75E-03	5.77E-03	6.57E-03	1.05E-02	1.29E-02	0.00E+00	5.34E-03	3.53E-04	7.59E-05	0.00E+00
Washington	Okanogan County	53047	R	7-PAH	7.47E-04	8.77E-04	1.17E-03	1.40E-03	1.39E-03	1.55E-03	1.95E-03	2.27E-03	0.00E+00	1.39E-03	2.71E-06	1.24E-06	0.00E+00
Washington	Okanogan County	53047	R	Propylene Dichloride	1.52E-08	2.20E-08	9.39E-08	2.24E-07	4.17E-07	8.25E-07	1.06E-06	1.10E-06	0.00E+00	4.17E-07	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-12	1.01E-11	3.23E-11	5.22E-11	0.00E+00	7.47E-12	0.00E+00	0.00E+00	0.00E+00
Washington	Okanogan County	53047	R	1,1,2,2-Tetrachloroethane	2.30E-09	3.41E-09	6.13E-07	1.41E-06	2.48E-06	2.22E-06	8.12E-06	9.31E-06	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Pacific County	53049	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.14E-02	6.14E-02	7.87E-05	1.29E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Pacific County	53049	R	Ethylene Oxide	2.92E-06	2.92E-06	7.91E-06	1.99E-05	2.31E-05	4.69E-05	5.25E-05	5.25E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Pacific County	53049	R	Formaldehyde	3.29E-01	3.29E-01	3.36E-01	3.49E-01	3.77E-01	4.12E-01	4.65E-01	4.65E-01	3.11E-04	9.80E-02	1.19E-02	1.66E-02	2.50E-01		
Washington	Pacific County	53049	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.42E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Pacific County	53049	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	1.05E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Pacific County	53049	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		
Washington	Pacific County	53049	R	Hydrazine	2.87E-11	2.87E-11	4.99E-11	3.50E-10	6.93E-10	9.77E-10	2.15E-09	2.15E-09	0.00E+00	6.93E-10	0.00E+00	0.00E+00	0.00E+00		
Washington	Pacific County	53049	R	Lead Compounds	8.95E-06	8.95E-06	1.46E-05	7.42E-05	1.27E-04	1.19E-04	4.92E-04	4.92E-04	6.95E-05	1.04E-05	0.00E+00	4.68E-05	0.00E+00		
Washington	Pacific County	53049	R	Manganese Compounds	3.87E-05	3.87E-05	5.11E-05	1.27E-04	1.68E-04	3.26E-04	3.69E-04	3.69E-04	1.80E-05	1.49E-04	4.29E-07	2.64E-07	0.00E+00		
Washington	Pacific County	53049	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	3.03E-07	4.17E-07	2.72E-06	9.40E-07	1.50E-03		
Washington	Pacific County	53049	R	Methylene Chloride	1.52E-01	1.52E-01	1.54E-01	1.56E-01	1.58E-01	1.62E-01	1.70E-01	1.70E-01	6.64E-04	7.49E-03	0.00E+00	0.00E+00	1.50E-01		
Washington	Pacific County	53049	R	Nickel Compounds	2.09E-06	2.09E-06	2.16E-06	2.90E-06	1.37E-05	3.94E-05	4.33E-05	4.33E-05	3.18E-06	7.83E-06	1.02E-06	1.71E-06	0.00E+00		
Washington	Pacific County	53049	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.48E-01	1.48E-01	1.01E-04	2.35E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Pacific County	53049	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.88E-04	3.95E-04	3.97E-04	4.02E-04	4.21E-04	4.21E-04	0.00E+00	1.69E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Pacific County	53049	R	Polycyclic Organic Matter	3.72E-03	3.72E-03	4.96E-03	5.82E-03	6.16E-03	8.78E-03	8.78E-03	8.78E-03	1.23E-04	5.29E-03	4.86E-04	2.62E-04	0.00E+00		
Washington	Pacific County	53049	R	7-PAH	5.99E-04	5.99E-04	6.90E-04	8.26E-04	1.09E-03	1.47E-03	1.99E-03	1.99E-03	0.00E+00	1.07E-03	3.69E-06	1.32E-05	0.00E+00		
Washington	Pacific County	53049	R	Propylene Dichloride	1.70E-07	1.70E-07	2.10E-07	6.80E-07	7.37E-07	1.50E-06	1.66E-06	1.66E-06	0.00E+00	7.37E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Pacific County	53049	R	Quinoline	2.13E-10	2.13E-10	4.13E-10	1.17E-09	2.71E-09	4.47E-09	7.76E-09	7.76E-09	0.00E+00	2.71E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Pacific County	53049	R	1,1,2,2-Tetrachloroethane	2.05E-08	2.05E-08	2.77E-08	4.69E-06	4.96E-06	1.02E-05	1.18E-05	1.18E-05	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Pacific County	53049	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.13E-02	8.16E-02	8.19E-02	8.26E-02	8.26E-02	7.51E-05	5.01E-04	0.00E+00	0.00E+00	8.10E-02		
Washington	Pacific County	53049	R	Vinyl Chloride	2.08E-07	2.08E-07	2.14E-07	1.18E-05	1.23E-05	2.52E-05	2.92E-05	2.92E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Pend Oreille County	53051	R	Acetaldehyde	2.79E-02	2.79E-02	5.14E-02	7.50E-02	9.27E-02	1.47E-01	1.62E-01	1.62E-01	6.13E-06	7.34E-02	1.48E-02	4.54E-03	0.00E+00		
Washington	Pend Oreille County	53051	R	Acrolein	3.59E-02	3.59E-02	5.41E-02	7.04E-02	9.46E-02	1.47E-01	1.65E-01	1.65E-01	1.26E-06	9.15E-02	2.06E-03	1.01E-03	0.00E+00		
Washington	Pend Oreille County	53051	R	Acrylonitrile	4.22E-06	4.22E-06	8.04E-06	1.06E-05	1.52E-05	1.58E-05	3.74E-05	3.74E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Pend Oreille County	53051	R	Arsenic Compounds	5.53E-07	5.53E-07	1.82E-06	3.91E-06	6.40E-06	1.16E-05	1.41E-05	1.41E-05	1.22E-07	3.27E-06	2.22E-06	7.84E-07	0.00E+00		
Washington	Pend Oreille County	53051	R	Benzene	5.57E-01	5.57E-01	5.96E-01	6.46E-01	6.48E-01	8.03E-01	8.16E-01	8.16E-01	1.81E-05	1.65E-01	2.68E-02	1.18E-02	4.80E-01		
Washington	Pend Oreille County	53051	R	Benzidine	0.00E+00	0.00E+00	9.53E-14	1.35E-13	4.10E-13	8.54E-13	9.66E-13	9.66E-13	0.00E+00	4.10E-13	0.00E+00	0.00E+00	0.00E+00		
Washington	Pend Oreille County	53051	R	Beryllium Compounds	2.23E-08	2.23E-08	7.38E-08	1.78E-07	2.34E-07	4.40E-07	4.59E-07	4.59E-07	0.00E+00	1.77E-07	0.00E+00	5.79E-08	0.00E+00		
Washington	Pend Oreille County	53051	R	1,3-Butadiene	1.19E-02	1.19E-02	1.22E-02	1.24E-02	1.34E-02	1.48E-02	1.56E-02	1.56E-02	0.00E+00	1.16E-02	1.19E-03	5.36E-04	0.00E+00		
Washington	Pend Oreille County	53051	R	Cadmium Compounds	4.47E-08	4.47E-08	2.63E-07	5.54E-07	1.22E-06	2.20E-06	3.04E-06	3.04E-06	0.00E+00	1.16E-06	0.00E+00	5.75E-08	0.00E+00		
Washington	Pend Oreille County	53051	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	4.56E-05	0.00E+00	0.00E+00	4.70E-02		
Washington	Pend Oreille County	53051	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-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Pend Oreille County	53051	R	Chloroform	8.31E-02	8.31E-02	8.34E-02	8.43E-02	8.43E-02	8.53E-02	8.55E-02	8.55E-02	0.00E+00	1.32E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Pend Oreille County	53051	R	Chromium Compounds (includes Hexavalent)	2.68E-07	2.68E-07	1.78E-06	6.85E-06	9.82E-06	1.86E-05	2.16E-05	2.16E-05	2.18E-06	6.13E-06	1.39E-06	1.22E-07	0.00E+00		
Washington	Pend Oreille County	53051	R	Chromium VI	1.05E-07	1.05E-07	8.38E-07	1.63E-06	3.55E-06	6.53E-06	8.65E-06	8.65E-06	6.51E-08	2.88E-06	5.63E-07	4.16E-08	0.00E+00		
Washington	Pend Oreille County	53051	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		
Washington	Pend Oreille County	53051	R	1,4-Dichlorobenzene	1.68E-04	1.68E-04	5.19E-04	1.78E-03	1.75E-03	3.02E-03	3.27E-03	3.27E-03	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Pend Oreille County	53051	R	1,3-Dichloropropene	3.27E-04	3.27E-04	9.02E-04	3.23E-03	3.13E-03	5.49E-03	5.70E-03	5.70E-03	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Pend Oreille County	53051	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	7.98E-09	0.00E+00	0.00E+00	7.70E-03		
Washington	Pend Oreille County	53051	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	2.05E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Pend Oreille County	53051	R	Ethylene Oxide	1.48E-06	1.48E-06	1.16E-05	2.10E-05	6.03E-05	1.03E-04	1.64E-04	1.64E-04	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Pend Oreille County	53051	R	Formaldehyde	4.02E-01	4.02E-01	4.73E-01	5.32E-01	6.13E-01	8.09E-01	8.48E-01	8.48E-01	2.59E-05	3.40E-01	1.40E-02	8.62E-03	2.50E-01		
Washington	Pend Oreille County	53051	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	9.90E-08	0.00E+00	0.00E+00	9.30E-05		
Washington	Pend Oreille County	53051	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	6.31E-09	0.00E+00	0.00E+00	1.80E-03		
Washington	Pend Oreille County	53051	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		
Washington	Pend Oreille County	53051	R	Hydrazine	2.29E-12	2.29E-12	2.75E-12	5.14E-11	1.01E-08	1.61E-08	3.43E-08	3.43E-08	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Pend Oreille County	53051	R	Lead Compounds	8.65E-07	8.65E-07	1.90E-05	8.35E-05	6.97E-05	1.13E-04	1.33E-04	1.33E-04	7.83E-08	2.06E-05	0.00E+00	4.90E-05	0.00E+00		
Washington	Pend Oreille County	53051	R	Manganese Compounds	2.82E-07	2.82E-07	5.66E-05	1.09E-04	3.22E-04	4.86E-04	9.60E-04	9.60E-04	6.96E-06	3.15E-04	4.38E-07	8.88E-08	0.00E+00		
Washington	Pend Oreille County	53051	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	7.59E-07	2.57E-06	7.03E-07	1.50E-03		
Washington	Pend Oreille County	53051	R	Methylene Chloride	1.51E-01	1.51E-01	1.52E-01	1.55E-01	1.56E-01	1.60E-01	1.61E-01	1.61E-01	3.78E-04	5.28E-03	0.00E+00	0.00E+00	1.50E-01		
Washington	Pend Oreille County	53051	R	Nickel Compounds	5.23E-07	5.23E-07	2.88E-06	3.16E-06	8.16E-06	1.35E-05	2.08E-05	2.08E-05	1.48E-07	6.80E-06	1.07E-06	1.46E-07	0.00E+00		
Washington	Pend Oreille County	53051	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.47E-01	1.48E-01	1.48E-01	0.00E+00	3.93E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Pend Oreille County	53051	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.87E-04	3.91E-04	4.01E-04	4.03E-04	4.03E-04	0.00E+00	1.13E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Pend Oreille County	53051	R	Polycyclic Organic Matter	3.81E-03	3.81E-03	6.44E-03	1.27E-02	1.32E-02	2.07E-02	2.24E-02	2.24E-02	7.24E-04	1.19E-02	4.95E-04	1.07E-04	0.00E+00		
Washington	Pend Oreille County	53051	R	7-PAH	1.36E-03	1.36E-03	1.96E-03	2.60E-03	3.31E-03	5.07E-03	5.58E-03	5.58E-03	1.69E-05	3.29E-03	3.63E-06	3.31E-06	0.00E+00		
Washington	Pend Oreille County	53051	R	Propylene Dichloride	2.40E-07	2.40E-07	3.68E-07	5.96E-07	8.19E-07	6.94E-07	2.20E-06	2.20E-06	0.00E+00	8.19E-07	0.00E+				

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Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Pierce County	53053	U	Benzene	1.02E+00	1.09E+00	1.22E+00	1.50E+00	1.69E+00	1.92E+00	2.56E+00	3.36E+00	5.43E-03	3.19E-01	7.97E-01	9.34E-02	4.80E-01		
Washington	Pierce County	53053	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		
Washington	Pierce County	53053	U	Beryllium Compounds	2.70E-07	3.14E-07	4.09E-07	6.60E-07	8.50E-07	9.51E-07	1.36E-06	2.02E-06	2.48E-07	5.37E-08	0.00E+00	5.48E-07	0.00E+00		
Washington	Pierce County	53053	U	1,3-Butadiene	1.51E-02	1.71E-02	2.67E-02	4.41E-02	6.56E-02	7.21E-02	1.38E-01	2.08E-01	8.10E-05	1.36E-02	4.48E-02	7.18E-03	0.00E+00		
Washington	Pierce County	53053	U	Cadmium Compounds	8.01E-06	1.01E-05	1.51E-05	2.20E-05	2.60E-05	3.12E-05	4.19E-05	4.97E-05	5.14E-06	1.95E-05	0.00E+00	1.36E-06	0.00E+00		
Washington	Pierce County	53053	U	Carbon Disulfide	4.79E-02	4.82E-02	4.87E-02	5.04E-02	5.45E-02	5.67E-02	6.41E-02	7.76E-02	7.03E-03	4.74E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Pierce County	53053	U	Carbon Tetrachloride	8.81E-01	8.82E-01	8.82E-01	8.84E-01	8.90E-01	8.93E-01	9.04E-01	9.22E-01	1.01E-02	3.42E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	Pierce County	53053	U	Chloroform	1.00E-01	1.04E-01	1.13E-01	1.26E-01	1.55E-01	1.75E-01	2.32E-01	3.26E-01	5.17E-02	2.04E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Pierce County	53053	U	Chromium Compounds (includes Hexavalent)	2.39E-04	2.83E-04	4.03E-04	5.07E-04	6.18E-04	7.12E-04	1.04E-03	1.29E-03	2.14E-05	5.52E-04	4.04E-05	4.43E-06	0.00E+00		
Washington	Pierce County	53053	U	Chromium VI	1.85E-05	2.64E-05	4.11E-05	6.05E-05	7.40E-05	9.48E-05	1.36E-04	1.60E-04	5.28E-06	5.11E-05	1.62E-05	1.51E-06	0.00E+00		
Washington	Pierce County	53053	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		
Washington	Pierce County	53053	U	1,4-Dichlorobenzene	1.49E-02	1.99E-02	3.47E-02	4.93E-02	6.07E-02	7.70E-02	8.67E-02	3.15E-07	4.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	1,3-Dichloropropene	3.37E-02	4.70E-02	8.24E-02	1.21E-01	1.22E-01	1.50E-01	1.93E-01	2.14E-01	0.00E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	1.91E-09	1.08E-06	0.00E+00	0.00E+00	7.70E-03		
Washington	Pierce County	53053	U	Ethylene Dichloride	6.11E-02	6.12E-02	6.12E-02	6.14E-02	6.19E-02	6.22E-02	6.31E-02	6.47E-02	8.95E-04	1.96E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Pierce County	53053	U	Ethylene Oxide	1.21E-03	1.68E-03	3.47E-03	4.88E-03	5.21E-03	6.18E-03	8.03E-03	9.58E-03	0.00E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	Formaldehyde	7.23E-01	7.81E-01	8.79E-01	1.09E+00	1.22E+00	1.40E+00	1.84E+00	2.07E+00	1.69E-02	3.73E-01	3.80E-01	1.97E-01	2.50E-01		
Washington	Pierce County	53053	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.31E-08	0.00E+00	0.00E+00	9.30E-05		
Washington	Pierce County	53053	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	1.72E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Pierce County	53053	U	Hexamethylene Diisocyanate	7.93E-06	1.45E-05	2.39E-05	2.72E-05	4.70E-05	6.22E-05	1.15E-04	1.44E-04	2.80E-05	1.89E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	Hydrazine	6.42E-10	1.16E-09	3.65E-09	8.60E-09	2.78E-08	2.81E-08	6.37E-08	9.89E-08	2.04E-09	2.58E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	Lead Compounds	1.12E-03	1.21E-03	1.51E-03	1.95E-03	2.21E-03	2.69E-03	3.41E-03	4.17E-03	6.48E-05	3.50E-03	0.00E+00	6.53E-04	0.00E+00		
Washington	Pierce County	53053	U	Manganese Compounds	7.34E-05	8.54E-05	1.47E-04	2.28E-04	3.63E-04	3.57E-04	8.36E-04	1.09E-03	1.59E-05	1.25E-04	1.30E-05	8.76E-06	0.00E+00		
Washington	Pierce County	53053	U	Mercury Compounds	1.53E-03	1.53E-03	1.55E-03	1.57E-03	1.61E-03	1.61E-03	1.68E-03	1.76E-03	3.90E-05	1.08E-05	4.44E-05	1.42E-05	1.50E-03		
Washington	Pierce County	53053	U	Methylene Chloride	2.01E-01	2.15E-01	2.52E-01	3.10E-01	3.68E-01	4.18E-01	5.18E-01	7.68E-01	2.13E-03	2.16E-01	0.00E+00	0.00E+00	1.50E-01		
Washington	Pierce County	53053	U	Nickel Compounds	3.46E-05	4.34E-05	6.98E-05	1.30E-04	3.37E-04	3.20E-04	7.47E-04	1.30E-03	5.00E-06	1.15E-04	2.99E-05	1.87E-04	0.00E+00		
Washington	Pierce County	53053	U	Perchloroethylene	1.49E-01	1.50E-01	1.63E-01	1.80E-01	1.92E-01	2.09E-01	2.27E-01	2.45E-01	2.05E-03	4.97E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Pierce County	53053	U	Polychlorinated Biphenyls	3.88E-04	3.93E-04	4.04E-04	4.15E-04	4.28E-04	4.41E-04	4.71E-04	5.05E-04	3.17E-09	4.82E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Pierce County	53053	U	Polycyclic Organic Matter	4.09E-02	5.14E-02	7.17E-02	9.98E-02	1.88E-01	1.74E-01	2.59E-01	4.10E-01	1.17E-01	5.38E-02	1.41E-02	3.15E-03	0.00E+00		
Washington	Pierce County	53053	U	7-PAH	8.59E-04	9.22E-04	1.04E-03	1.36E-03	2.47E-03	2.39E-03	3.66E-03	5.76E-03	1.73E-03	5.99E-04	9.29E-05	4.40E-05	0.00E+00		
Washington	Pierce County	53053	U	Propylene Dichloride	2.48E-06	3.17E-06	4.38E-06	6.57E-06	9.80E-06	9.04E-06	1.64E-05	2.30E-05	2.07E-07	9.60E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	Quinoline	1.48E-08	1.74E-08	2.99E-08	6.41E-08	1.26E-07	1.60E-07	2.76E-07	4.31E-07	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	1,1,2,2-Tetrachloroethane	1.81E-05	2.22E-05	3.10E-05	4.80E-05	7.47E-05	6.80E-05	1.30E-04	1.77E-04	1.90E-06	7.28E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Pierce County	53053	U	Trichloroethylene	9.95E-02	1.07E-01	1.29E-01	1.66E-01	2.18E-01	2.29E-01	3.66E-01	5.28E-01	2.66E-03	1.35E-01	0.00E+00	0.00E+00	8.10E-02		
Washington	Pierce County	53053	U	Vinyl Chloride	4.61E-05	5.59E-05	7.97E-05	1.25E-04	1.75E-04	1.73E-04	3.17E-04	4.31E-04	4.67E-06	1.82E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	R	Acetaldehyde	4.45E-02	4.45E-02	5.04E-02	7.95E-02	9.00E-02	1.30E-01	1.57E-01	1.57E-01	6.65E-03	1.68E-02	1.69E-02	4.97E-02	0.00E+00		
Washington	San Juan County	53055	R	Acrolein	1.18E-02	1.18E-02	1.59E-02	2.14E-02	1.96E-02	2.32E-02	2.37E-02	2.37E-02	5.47E-04	9.12E-03	3.26E-03	6.66E-03	0.00E+00		
Washington	San Juan County	53055	R	Acrylonitrile	8.59E-06	8.59E-06	1.36E-05	2.31E-05	2.44E-05	3.52E-05	4.29E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	R	Arsenic Compounds	3.99E-06	3.99E-06	5.88E-06	8.16E-06	9.00E-06	1.21E-05	1.57E-05	1.57E-05	3.54E-06	3.82E-07	2.52E-06	2.55E-06	0.00E+00		
Washington	San Juan County	53055	R	Benzene	6.24E-01	6.24E-01	6.62E-01	7.19E-01	7.11E-01	7.59E-01	7.81E-01	7.81E-01	1.91E-02	5.77E-02	3.65E-02	1.17E-01	4.80E-01		
Washington	San Juan County	53055	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		
Washington	San Juan County	53055	R	Beryllium Compounds	4.76E-07	4.76E-07	6.81E-07	8.90E-07	1.26E-06	1.83E-06	2.77E-06	2.77E-06	1.04E-06	1.94E-07	0.00E+00	2.07E-08	0.00E+00		
Washington	San Juan County	53055	R	1,3-Butadiene	6.34E-03	6.34E-03	6.95E-03	9.02E-03	9.28E-03	1.16E-02	1.27E-02	1.27E-02	7.04E-05	2.80E-03	9.69E-04	5.44E-03	0.00E+00		
Washington	San Juan County	53055	R	Cadmium Compounds	2.76E-06	2.76E-06	3.39E-06	4.40E-06	7.11E-06	1.08E-05	1.69E-05	1.69E-05	6.56E-06	4.24E-07	0.00E+00	1.25E-07	0.00E+00		
Washington	San Juan County	53055	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.76E-02	4.80E-02	4.84E-02	4.84E-02	4.70E-04	1.13E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	San Juan County	53055	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.83E-01	8.83E-01	2.03E-03	2.38E-05	0.00E+00	0.00E+00	8.80E-01		
Washington	San Juan County	53055	R	Chloroform	8.40E-02	8.40E-02	8.71E-02	9.11E-02	9.07E-02	9.43E-02	9.65E-02	9.65E-02	5.26E-03	2.41E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	San Juan County	53055	R	Chromium Compounds (includes Hexavalent)	2.18E-05	2.18E-05	3.32E-05	6.47E-05	6.21E-05	9.09E-05	9.69E-05	9.69E-05	3.20E-05	2.72E-05	1.59E-06	1.31E-06	0.00E+00		
Washington	San Juan County	53055	R	Chromium VI	6.91E-06	6.91E-06	9.45E-06	1.76E-05	1.66E-05	2.38E-05	2.44E-05	2.44E-05	6.56E-06	9.00E-06	6.25E-07	4.45E-07	0.00E+00		
Washington	San Juan County	53055	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		
Washington	San Juan County	53055	R	1,4-Dichlorobenzene	1.66E-03	1.66E-03	2.26E-03	3.20E-03	3.62E-03	4.98E-03	6.44E-03	6.44E-03	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	R	1,3-Dichloropropene	3.07E-03	3.07E-03	4.10E-03	5.87E-03	6.88E-03	9.67E-03	1.27E-02	1.27E-02	0.00E+00	6.88E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	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	1.61E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	San Juan County	53055	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.14E-02	6.13E-02	6.15E-02	6.16E-02	6.16E-02	3.24E-04	5.81E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	San Juan County	53055	R	Ethylene Oxide	9.77E-06	9.77E-06	1.13E-05	1.43E-05	2.40E-05	3.67E-05	5.76E-05	5.76E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	R	Formaldehyde	3.13E-01	3.13E-01	3.26E-01	3.55E-01	3.62E-01	3.99E-01	4.27E-01	4.27E-01	2.02E-03	4.26E-02	1.57E-02	5.			

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	San Juan County	53055	R	Nickel Compounds	2.23E-05	2.23E-05	3.06E-05	4.36E-05	7.07E-05	1.11E-04	1.73E-04	1.73E-04	4.12E-05	1.93E-06	1.20E-06	2.64E-05	0.00E+00		
Washington	San Juan County	53055	R	Perchloroethylene	1.45E-01	1.45E-01	1.47E-01	1.49E-01	1.48E-01	1.50E-01	1.51E-01	1.51E-01	6.02E-04	7.75E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	San Juan County	53055	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.95E-04	4.00E-04	4.14E-04	4.32E-04	4.62E-04	4.62E-04	9.43E-09	3.36E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	San Juan County	53055	R	Polycyclic Organic Matter	6.72E-03	6.72E-03	1.05E-02	1.61E-02	1.48E-02	1.92E-02	2.04E-02	2.04E-02	6.29E-03	6.29E-03	5.87E-04	1.65E-03	0.00E+00		
Washington	San Juan County	53055	R	7-PAH	3.42E-04	3.42E-04	4.94E-04	6.58E-04	6.66E-04	8.39E-04	1.01E-03	1.01E-03	3.71E-05	5.88E-04	4.38E-06	3.69E-05	0.00E+00		
Washington	San Juan County	53055	R	Propylene Dichloride	4.69E-07	4.69E-07	6.56E-07	1.23E-06	1.30E-06	1.95E-06	2.29E-06	2.29E-06	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	R	Quinoline	3.23E-09	3.23E-09	3.39E-09	6.75E-09	8.10E-09	1.28E-08	1.57E-08	1.57E-08	0.00E+00	8.10E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	R	1,1,2,2-Tetrachloroethane	2.41E-06	2.41E-06	3.56E-06	8.37E-06	9.23E-06	1.49E-05	1.78E-05	1.78E-05	0.00E+00	9.23E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	San Juan County	53055	R	Trichloroethylene	8.13E-02	8.13E-02	8.15E-02	8.21E-02	8.21E-02	8.26E-02	8.27E-02	8.27E-02	3.51E-04	7.28E-04	0.00E+00	0.00E+00	8.10E-02		
Washington	San Juan County	53055	R	Vinyl Chloride	6.30E-06	6.30E-06	9.10E-06	2.10E-05	2.31E-05	3.70E-05	4.40E-05	4.40E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Acetaldehyde	5.70E-02	9.04E-02	1.59E-01	2.85E-01	5.09E-01	5.30E-01	1.83E+00	2.23E+00	1.81E-02	4.76E-02	1.41E-01	3.02E-01	0.00E+00		
Washington	Skagit County	53057	U	Acrolein	3.66E-02	3.82E-02	4.32E-02	5.93E-02	5.78E-02	7.25E-02	7.99E-02	8.00E-02	6.28E-04	3.14E-02	1.77E-02	8.04E-03	0.00E+00		
Washington	Skagit County	53057	U	Acrylonitrile	2.67E-05	2.80E-05	3.90E-05	6.35E-05	8.54E-05	1.31E-04	1.73E-04	1.97E-04	8.06E-06	7.73E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Arsenic Compounds	4.05E-06	5.12E-06	2.06E-05	3.35E-05	4.41E-05	5.65E-05	1.29E-04	1.33E-04	8.19E-06	1.45E-06	1.91E-05	1.54E-05	0.00E+00		
Washington	Skagit County	53057	U	Benzene	6.23E-01	6.95E-01	8.56E-01	1.03E+00	1.11E+00	1.25E+00	1.81E+00	1.90E+00	9.18E-02	1.44E-01	2.91E-01	1.00E-01	4.80E-01		
Washington	Skagit County	53057	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		
Washington	Skagit County	53057	U	Beryllium Compounds	2.30E-07	2.39E-07	1.40E-06	1.74E-06	4.22E-06	2.90E-06	1.58E-05	1.98E-05	3.20E-06	4.61E-07	0.00E+00	5.62E-07	0.00E+00		
Washington	Skagit County	53057	U	1,3-Butadiene	1.02E-02	1.18E-02	1.39E-02	2.47E-02	2.99E-02	3.00E-02	5.73E-02	1.03E-01	3.06E-04	8.20E-03	1.60E-02	5.46E-03	0.00E+00		
Washington	Skagit County	53057	U	Cadmium Compounds	1.03E-06	2.14E-06	4.53E-06	7.25E-06	2.16E-05	1.58E-05	9.50E-05	1.01E-04	1.59E-05	2.73E-06	0.00E+00	3.05E-06	0.00E+00		
Washington	Skagit County	53057	U	Carbon Disulfide	4.71E-02	4.71E-02	4.76E-02	4.79E-02	4.84E-02	4.92E-02	5.15E-02	5.15E-02	7.15E-04	7.29E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Skagit County	53057	U	Carbon Tetrachloride	8.81E-01	8.85E-01	8.88E-01	8.89E-01	8.90E-01	8.93E-01	8.95E-01	8.95E-01	9.65E-03	1.79E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Skagit County	53057	U	Chloroform	8.59E-02	9.38E-02	1.06E-01	1.18E-01	1.18E-01	1.33E-01	1.41E-01	1.45E-01	1.83E-02	1.65E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Skagit County	53057	U	Chromium Compounds (includes Hexavalent)	3.45E-05	4.40E-05	1.15E-04	1.63E-04	1.81E-04	2.06E-04	3.73E-04	3.75E-04	9.94E-05	5.88E-05	1.36E-05	9.45E-06	0.00E+00		
Washington	Skagit County	53057	U	Chromium VI	3.29E-06	4.37E-06	1.46E-05	2.43E-05	3.44E-05	3.74E-05	1.10E-04	1.12E-04	1.77E-05	8.07E-06	5.42E-06	3.21E-06	0.00E+00		
Washington	Skagit County	53057	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		
Washington	Skagit County	53057	U	1,4-Dichlorobenzene	1.82E-03	2.13E-03	8.46E-03	1.56E-02	1.89E-02	3.03E-02	3.70E-02	4.61E-02	7.40E-07	1.89E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	1,3-Dichloropropene	3.60E-03	4.58E-03	1.68E-02	2.72E-02	3.72E-02	6.20E-02	7.63E-02	9.47E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.51E-09	3.53E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Skagit County	53057	U	Ethylene Dichloride	6.13E-02	6.18E-02	6.24E-02	6.26E-02	6.27E-02	6.32E-02	6.36E-02	6.37E-02	1.68E-03	4.18E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Skagit County	53057	U	Ethylene Oxide	6.31E-05	1.24E-04	1.88E-04	5.63E-04	7.14E-04	9.82E-04	1.90E-03	1.92E-03	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Formaldehyde	4.53E-01	5.36E-01	5.65E-01	6.37E-01	9.15E-01	8.97E-01	2.51E+00	2.84E+00	1.61E-02	1.58E-01	1.31E-01	3.60E-01	2.50E-01		
Washington	Skagit County	53057	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.33E-05	9.35E-05	9.37E-05	9.39E-05	9.44E-05	9.47E-05	0.00E+00	6.80E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Skagit County	53057	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	1.06E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Skagit County	53057	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	1.14E-08	1.88E-08	2.77E-07	3.58E-07	5.69E-07	7.11E-07	1.25E-07	1.52E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Hydrazine	3.10E-11	5.40E-11	8.91E-10	2.73E-09	9.20E-09	1.26E-08	3.35E-08	3.59E-08	0.00E+00	9.20E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Lead Compounds	1.38E-04	1.56E-04	4.69E-04	5.58E-04	6.73E-04	7.59E-04	9.19E-04	1.26E-03	3.11E-05	2.23E-04	0.00E+00	4.18E-04	0.00E+00		
Washington	Skagit County	53057	U	Manganese Compounds	2.81E-05	3.12E-05	9.63E-05	1.19E-04	1.82E-04	1.64E-04	5.46E-04	5.68E-04	9.37E-05	6.13E-05	4.30E-06	2.30E-05	0.00E+00		
Washington	Skagit County	53057	U	Mercury Compounds	1.50E-03	1.60E-03	1.65E-03	1.72E-03	1.72E-03	1.78E-03	1.87E-03	1.90E-03	1.72E-04	1.01E-05	2.09E-05	2.09E-05	1.50E-03		
Washington	Skagit County	53057	U	Methylene Chloride	1.59E-01	1.62E-01	1.85E-01	2.17E-01	2.32E-01	2.69E-01	3.41E-01	3.41E-01	1.47E-02	6.77E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Skagit County	53057	U	Nickel Compounds	6.51E-06	3.00E-05	7.09E-05	1.00E-04	6.86E-04	1.77E-04	4.63E-03	4.64E-03	9.66E-05	7.97E-07	1.02E-05	5.78E-04	0.00E+00		
Washington	Skagit County	53057	U	Perchloroethylene	1.42E-01	1.42E-01	1.51E-01	1.60E-01	1.63E-01	1.70E-01	1.90E-01	1.96E-01	2.96E-03	2.00E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Skagit County	53057	U	Polychlorinated Biphenyls	3.84E-04	3.87E-04	4.07E-04	4.33E-04	4.54E-04	4.83E-04	5.33E-04	5.67E-04	5.03E-08	7.36E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Skagit County	53057	U	Polycyclic Organic Matter	7.45E-03	1.03E-02	2.75E-02	3.36E-02	4.26E-02	5.27E-02	1.06E-01	1.09E-01	1.36E-02	2.13E-02	4.78E-03	3.01E-03	0.00E+00		
Washington	Skagit County	53057	U	7-PAH	9.64E-04	1.05E-03	1.29E-03	1.48E-03	1.71E-03	2.02E-03	2.90E-03	2.99E-03	7.05E-05	1.51E-03	3.42E-05	9.13E-05	0.00E+00		
Washington	Skagit County	53057	U	Propylene Dichloride	1.10E-06	1.12E-06	1.81E-06	2.40E-06	3.56E-06	6.07E-06	7.91E-06	8.01E-06	4.88E-07	3.07E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Quinoline	1.16E-09	1.63E-09	8.46E-09	1.66E-08	3.17E-08	4.39E-08	9.50E-08	1.06E-07	0.00E+00	3.17E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	1,1,2,2-Tetrachloroethane	2.55E-06	3.12E-06	3.68E-06	5.05E-06	1.42E-05	1.02E-05	5.48E-05	7.24E-05	4.47E-06	9.70E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Skagit County	53057	U	Trichloroethylene	8.39E-02	8.49E-02	8.74E-02	9.53E-02	9.81E-02	1.05E-01	1.17E-01	1.21E-01	2.41E-03	1.47E-02	0.00E+00	0.00E+00	8.10E-02		
Washington	Skagit County	53057	U	Vinyl Chloride	6.73E-06	8.53E-06	1.04E-05	1.80E-05	3.64E-05	2.89E-05	1.36E-04	1.78E-04	1.10E-05	2.54E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Skamania County	53059	R	Acetaldehyde	2.97E-02	2.97E-02	7.25E-02	8.15E-02	1.12E-01	9.61E-02	2.79E-01	2.79E-01	5.10E-03	3.54E-02	5.42E-02	1.71E-02	0.00E+00		
Washington	Skamania County	53059	R	Acrolein	3.63E-02	3.63E-02	4.68E-02	5.44E-02	5.47E-02	6.15E-02	7.44E-02	7.44E-02	9.89E-05	4.66E-02	5.65E-03	2.39E-03	0.00E+00		
Washington	Skamania County	53059	R	Acrylonitrile	3.10E-07	3.10E-07	1.57E-04	2.25E-04	5.45E-04	3.91E-04	1.95E-03	1.95E-03	5.20E-04	2.50E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Skamania County	53059	R	Arsenic Compounds	2.33E-07	2.33E-07	8.38E-06	1.08E-05	1.43E-05	1.42E-05	3.81E-05	3.81E-05	3.04E-07	7.57E-06	4.61E-06	1.85E-06	0.00E+00		
Washington	Skamania County	53059	R	Benzene	5.53E-01	5.53E-01	6.55E-01	6.57E-01	6.66E-01	6.64E-01	7.98E-01	7.98E-01	1.66E-03	1.06E-01	6.05E-02	1.76E-02	4.80E-01		
Washington	Skamania County	53059	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		
Washington	Skamania County	53059	R	Beryllium Compounds	3.47E-08	3.47E-08	1.06E-06	1.37E-06	1.20E-06	1.55E-06	2.00E-06	2.00E-06							

DRAFT FOR REVIEW ONLY																	
Estimated Annual Average Ambient Concentrations µg/m3 for Washington																	
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
Washington	Skamania County	53059	R	1,4-Dichlorobenzene	9.19E-05	9.19E-05	2.08E-03	3.00E-03	2.95E-03	3.19E-03	6.38E-03	6.38E-03	4.78E-05	2.90E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	R	1,3-Dichloropropene	1.62E-04	1.62E-04	3.99E-03	5.72E-03	5.30E-03	5.75E-03	1.09E-02	1.09E-02	0.00E+00	5.30E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	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	2.91E-07	1.69E-08	0.00E+00	0.00E+00	7.70E-03
Washington	Skamania County	53059	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.12E-02	6.15E-02	6.15E-02	1.62E-04	2.34E-06	0.00E+00	0.00E+00	6.10E-02
Washington	Skamania County	53059	R	Ethylene Oxide	9.00E-07	9.00E-07	1.67E-05	2.34E-05	2.90E-05	2.46E-05	7.93E-05	7.93E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	R	Formaldehyde	4.09E-01	4.09E-01	4.77E-01	4.93E-01	5.14E-01	5.09E-01	6.84E-01	6.84E-01	1.46E-03	1.91E-01	4.03E-02	3.19E-02	2.50E-01
Washington	Skamania County	53059	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.53E-07	0.00E+00	0.00E+00	9.30E-05
Washington	Skamania County	53059	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	1.57E-08	0.00E+00	0.00E+00	1.80E-03
Washington	Skamania County	53059	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-07	0.00E+00	2.96E-06	2.96E-06	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	R	Hydrazine	8.67E-12	8.67E-12	1.12E-10	1.73E-10	3.07E-10	1.82E-10	1.06E-09	1.06E-09	0.00E+00	3.07E-10	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	R	Lead Compounds	7.51E-07	7.51E-07	4.58E-05	4.85E-05	6.90E-05	7.09E-05	1.79E-04	1.79E-04	2.01E-07	2.65E-05	0.00E+00	4.23E-05	0.00E+00
Washington	Skamania County	53059	R	Manganese Compounds	1.08E-07	1.08E-07	1.29E-04	1.54E-04	2.38E-04	2.18E-04	6.88E-04	6.88E-04	4.81E-05	1.88E-04	9.29E-07	4.91E-07	0.00E+00
Washington	Skamania County	53059	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.27E-06	5.94E-06	5.19E-06	2.73E-06	1.50E-03
Washington	Skamania County	53059	R	Methylene Chloride	1.50E-01	1.50E-01	2.32E-01	2.79E-01	3.55E-01	3.69E-01	7.44E-01	7.44E-01	1.94E-01	1.04E-02	0.00E+00	0.00E+00	1.50E-01
Washington	Skamania County	53059	R	Nickel Compounds	3.18E-07	3.18E-07	3.07E-05	3.76E-05	7.32E-05	6.20E-05	2.35E-04	2.35E-04	9.63E-07	6.36E-05	2.30E-06	6.34E-06	0.00E+00
Washington	Skamania County	53059	R	Perchloroethylene	1.40E-01	1.40E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.52E-01	1.52E-01	1.17E-03	2.98E-03	0.00E+00	0.00E+00	1.40E-01
Washington	Skamania County	53059	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.94E-04	4.01E-04	3.96E-04	4.01E-04	4.03E-04	4.03E-04	0.00E+00	1.61E-05	0.00E+00	0.00E+00	3.80E-04
Washington	Skamania County	53059	R	Polycyclic Organic Matter	3.22E-03	3.22E-03	9.73E-03	9.98E-03	1.09E-02	1.20E-02	1.96E-02	1.96E-02	8.09E-04	8.55E-03	1.08E-03	4.64E-04	0.00E+00
Washington	Skamania County	53059	R	7-PAH	1.25E-03	1.25E-03	1.60E-03	1.89E-03	2.14E-03	2.26E-03	3.69E-03	3.69E-03	3.31E-04	1.79E-03	7.88E-06	6.35E-06	0.00E+00
Washington	Skamania County	53059	R	Propylene Dichloride	1.19E-08	1.19E-08	9.22E-06	1.35E-05	3.28E-05	2.34E-05	1.18E-04	1.18E-04	3.15E-05	1.31E-06	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	R	Quinoline	2.98E-10	2.98E-10	2.65E-09	3.79E-09	8.76E-09	6.41E-09	3.06E-08	3.06E-08	0.00E+00	8.76E-09	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	R	1,1,2,2-Tetrachloroethane	1.40E-09	1.40E-09	8.18E-05	1.22E-04	2.97E-04	2.11E-04	1.07E-03	1.07E-03	2.89E-04	8.82E-06	0.00E+00	0.00E+00	0.00E+00
Washington	Skamania County	53059	R	Trichloroethylene	8.10E-02	8.10E-02	8.18E-02	8.19E-02	8.26E-02	8.25E-02	8.55E-02	8.55E-02	7.61E-04	7.90E-04	0.00E+00	0.00E+00	8.10E-02
Washington	Skamania County	53059	R	Vinyl Chloride	1.51E-08	1.51E-08	2.01E-04	3.00E-04	7.32E-04	5.20E-04	2.64E-03	2.64E-03	7.10E-04	2.21E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Snohomish County	53061	U	Acetaldehyde	2.76E-01	3.92E-01	5.90E-01	1.23E+00	1.28E+00	1.72E+00	2.17E+00	2.70E+00	7.68E-02	5.15E-01	5.62E-01	1.27E-01	0.00E+00
Washington	Snohomish County	53061	U	Acrolein	5.65E-02	6.48E-02	7.70E-02	1.07E-01	1.06E-01	1.28E-01	1.43E-01	1.61E-01	2.97E-04	3.16E-02	5.87E-02	1.50E-02	0.00E+00
Washington	Snohomish County	53061	U	Acrylonitrile	1.82E-04	2.66E-04	4.18E-04	1.25E-03	2.06E-03	1.67E-03	1.90E-03	2.81E-03	1.21E-03	8.54E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Snohomish County	53061	U	Arsenic Compounds	2.27E-05	3.55E-05	7.23E-05	1.14E-04	1.14E-04	1.42E-04	1.77E-04	2.27E-04	2.28E-05	1.66E-05	5.86E-05	1.56E-05	0.00E+00
Washington	Snohomish County	53061	U	Benzene	9.95E-01	1.21E+00	1.45E+00	1.77E+00	1.94E+00	2.23E+00	2.76E+00	3.48E+00	6.30E-03	3.33E-01	9.84E-01	1.34E-01	4.80E-01
Washington	Snohomish County	53061	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
Washington	Snohomish County	53061	U	Beryllium Compounds	4.20E-07	8.10E-07	1.30E-06	1.55E-06	1.71E-06	1.88E-06	2.66E-06	3.59E-06	9.66E-07	2.99E-08	0.00E+00	7.13E-07	0.00E+00
Washington	Snohomish County	53061	U	1,3-Butadiene	1.66E-02	1.99E-02	3.41E-02	4.99E-02	7.02E-02	8.40E-02	1.37E-01	2.15E-01	2.02E-06	1.52E-02	4.56E-02	9.31E-03	0.00E+00
Washington	Snohomish County	53061	U	Cadmium Compounds	9.33E-06	1.63E-05	2.74E-05	4.89E-05	4.83E-05	6.41E-05	7.97E-05	8.69E-05	6.49E-06	4.08E-05	0.00E+00	9.54E-07	0.00E+00
Washington	Snohomish County	53061	U	Carbon Disulfide	4.71E-02	4.72E-02	4.74E-02	4.77E-02	4.80E-02	4.78E-02	4.82E-02	4.87E-02	5.85E-04	4.27E-04	0.00E+00	0.00E+00	4.70E-02
Washington	Snohomish County	53061	U	Carbon Tetrachloride	8.82E-01	8.83E-01	8.84E-01	8.86E-01	8.92E-01	9.16E-01	9.41E-01	9.41E-01	3.56E-02	3.65E-05	0.00E+00	0.00E+00	8.80E-01
Washington	Snohomish County	53061	U	Chloroform	9.50E-02	1.05E-01	1.20E-01	1.39E-01	1.58E-01	1.53E-01	1.62E-01	1.86E-01	3.23E-02	4.28E-02	0.00E+00	0.00E+00	8.30E-02
Washington	Snohomish County	53061	U	Chromium Compounds (includes Hexavalent)	2.76E-04	3.38E-04	5.27E-04	7.62E-04	8.03E-04	9.82E-04	1.20E-03	1.48E-03	6.19E-05	6.88E-04	4.96E-05	2.96E-06	0.00E+00
Washington	Snohomish County	53061	U	Chromium VI	1.98E-05	4.20E-05	7.01E-05	1.44E-04	1.38E-04	1.93E-04	2.28E-04	2.55E-04	7.65E-06	1.10E-04	1.98E-05	1.01E-06	0.00E+00
Washington	Snohomish County	53061	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
Washington	Snohomish County	53061	U	1,4-Dichlorobenzene	1.62E-02	2.34E-02	4.08E-02	6.50E-02	6.40E-02	8.58E-02	1.01E-01	1.10E-01	1.11E-04	6.38E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Snohomish County	53061	U	1,3-Dichloropropene	3.86E-02	5.71E-02	1.04E-01	1.60E-01	1.63E-01	2.21E-01	2.54E-01	2.85E-01	0.00E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00
Washington	Snohomish County	53061	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.72E-03	7.72E-03	7.73E-03	6.75E-07	5.70E-06	0.00E+00	0.00E+00	7.70E-03
Washington	Snohomish County	53061	U	Ethylene Dichloride	6.13E-02	6.15E-02	6.17E-02	6.21E-02	6.75E-02	6.33E-02	6.74E-02	7.57E-02	6.41E-03	5.58E-05	0.00E+00	0.00E+00	6.10E-02
Washington	Snohomish County	53061	U	Ethylene Oxide	1.72E-03	2.63E-03	4.94E-03	7.99E-03	8.16E-03	1.08E-02	1.34E-02	1.50E-02	0.				

DRAFT FOR REVIEW ONLY																	
Estimated Annual Average Ambient Concentrations µg/m3 for Washington																	
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
Washington	Spokane County	53063	U	Acrolein	3.46E-02	4.37E-02	5.35E-02	6.40E-02	6.98E-02	7.92E-02	1.06E-01	1.31E-01	2.86E-05	3.50E-02	3.06E-02	4.13E-03	0.00E+00
Washington	Spokane County	53063	U	Acrylonitrile	8.75E-05	1.01E-04	1.52E-04	3.33E-04	1.93E-03	1.02E-03	2.11E-03	3.71E-03	9.05E-04	1.03E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	Arsenic Compounds	1.39E-05	2.22E-05	3.66E-05	5.27E-05	6.69E-05	7.07E-05	1.20E-04	1.87E-04	2.09E-06	1.32E-05	4.16E-05	1.01E-05	0.00E+00
Washington	Spokane County	53063	U	Benzene	7.13E-01	7.58E-01	9.09E-01	1.05E+00	1.29E+00	1.35E+00	2.03E+00	3.04E+00	2.75E-03	1.71E-01	5.89E-01	4.91E-02	4.80E-01
Washington	Spokane County	53063	U	Benzidine	0.00E+00	2.43E-13	4.91E-13	6.16E-13	9.09E-13	1.04E-12	1.52E-12	2.21E-12	0.00E+00	9.09E-13	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	Beryllium Compounds	6.33E-07	1.10E-06	1.78E-06	3.70E-06	3.74E-06	5.06E-06	6.99E-06	7.44E-06	0.00E+00	2.07E-06	0.00E+00	1.67E-06	0.00E+00
Washington	Spokane County	53063	U	1,3-Butadiene	1.04E-02	1.18E-02	1.80E-02	2.58E-02	4.85E-02	4.16E-02	1.12E-01	2.02E-01	0.00E+00	3.80E-03	3.96E-02	5.12E-03	0.00E+00
Washington	Spokane County	53063	U	Cadmium Compounds	1.83E-06	2.63E-06	4.89E-06	7.12E-06	6.99E-06	8.99E-06	1.10E-05	1.20E-05	1.71E-09	5.32E-06	0.00E+00	1.66E-06	0.00E+00
Washington	Spokane County	53063	U	Carbon Disulfide	4.72E-02	4.73E-02	4.74E-02	4.77E-02	4.82E-02	4.80E-02	4.86E-02	4.99E-02	1.19E-04	1.12E-03	0.00E+00	0.00E+00	4.70E-02
Washington	Spokane County	53063	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.66E-06	1.24E-04	0.00E+00	0.00E+00	8.80E-01
Washington	Spokane County	53063	U	Chloroform	8.72E-02	8.93E-02	9.66E-02	1.09E-01	1.07E-01	1.16E-01	1.21E-01	1.25E-01	9.65E-06	2.40E-02	0.00E+00	0.00E+00	8.30E-02
Washington	Spokane County	53063	U	Chromium Compounds (includes Hexavalent)	1.97E-05	2.76E-05	4.84E-05	8.05E-05	1.19E-04	1.21E-04	3.26E-04	3.49E-04	4.44E-05	3.63E-05	3.66E-05	1.63E-06	0.00E+00
Washington	Spokane County	53063	U	Chromium VI	5.10E-06	8.60E-06	1.57E-05	2.41E-05	3.15E-05	3.69E-05	6.97E-05	9.43E-05	1.33E-06	1.49E-05	1.47E-05	5.55E-07	0.00E+00
Washington	Spokane County	53063	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
Washington	Spokane County	53063	U	1,4-Dichlorobenzene	5.24E-03	8.27E-03	1.90E-02	3.40E-02	3.21E-02	4.50E-02	5.17E-02	5.64E-02	8.32E-05	3.20E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	1,3-Dichloropropene	9.64E-03	1.58E-02	3.75E-02	6.78E-02	6.38E-02	9.03E-02	1.04E-01	1.14E-01	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.06E-07	7.01E-07	0.00E+00	0.00E+00	7.70E-03
Washington	Spokane County	53063	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.11E-02	6.13E-02	6.15E-02	1.09E-04	1.27E-04	0.00E+00	0.00E+00	6.10E-02
Washington	Spokane County	53063	U	Ethylene Oxide	1.36E-04	2.15E-04	2.77E-04	4.54E-04	1.78E-03	9.94E-04	1.76E-03	2.77E-03	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	Formaldehyde	4.51E-01	4.90E-01	5.76E-01	6.45E-01	7.36E-01	7.40E-01	1.04E+00	1.44E+00	8.95E-04	1.55E-01	2.56E-01	7.42E-02	2.50E-01
Washington	Spokane County	53063	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.68E-08	0.00E+00	0.00E+00	9.30E-05
Washington	Spokane County	53063	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	6.12E-08	0.00E+00	0.00E+00	1.80E-03
Washington	Spokane County	53063	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
Washington	Spokane County	53063	U	Hydrazine	3.25E-09	3.20E-08	8.51E-08	1.16E-07	1.51E-07	1.68E-07	2.68E-07	3.80E-07	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	Lead Compounds	2.40E-04	2.89E-04	3.82E-04	5.82E-04	1.06E-03	9.57E-04	2.29E-03	4.17E-03	2.65E-06	1.63E-04	0.00E+00	8.98E-04	0.00E+00
Washington	Spokane County	53063	U	Manganese Compounds	9.40E-05	1.43E-04	2.88E-04	4.09E-04	7.74E-04	8.04E-04	1.66E-03	2.80E-03	1.47E-04	6.14E-04	1.20E-05	1.18E-06	0.00E+00
Washington	Spokane County	53063	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.57E-03	1.57E-03	1.63E-03	1.68E-03	1.58E-07	1.68E-05	3.95E-05	9.71E-06	1.50E-03
Washington	Spokane County	53063	U	Methylene Chloride	1.71E-01	1.88E-01	2.37E-01	3.18E-01	3.59E-01	3.78E-01	5.04E-01	5.76E-01	6.20E-02	1.47E-01	0.00E+00	0.00E+00	1.50E-01
Washington	Spokane County	53063	U	Nickel Compounds	8.66E-06	1.36E-05	2.25E-05	3.48E-05	5.76E-05	6.18E-05	1.25E-04	1.86E-04	9.40E-06	1.88E-05	2.72E-05	2.17E-06	0.00E+00
Washington	Spokane County	53063	U	Perchloroethylene	1.46E-01	1.55E-01	1.76E-01	1.85E-01	1.95E-01	2.09E-01	2.41E-01	2.60E-01	1.66E-03	5.35E-02	0.00E+00	0.00E+00	1.40E-01
Washington	Spokane County	53063	U	Polychlorinated Biphenyls	3.81E-04	3.82E-04	3.83E-04	3.84E-04	3.84E-04	3.85E-04	3.87E-04	3.89E-04	0.00E+00	4.34E-06	0.00E+00	0.00E+00	3.80E-04
Washington	Spokane County	53063	U	Polycyclic Organic Matter	2.31E-02	2.70E-02	4.14E-02	6.38E-02	6.20E-02	8.05E-02	9.36E-02	1.14E-01	8.45E-03	4.02E-02	1.18E-02	1.59E-03	0.00E+00
Washington	Spokane County	53063	U	7-PAH	1.41E-03	1.69E-03	2.11E-03	2.46E-03	2.55E-03	3.00E-03	3.36E-03	4.11E-03	3.81E-04	2.08E-03	7.72E-05	1.37E-05	0.00E+00
Washington	Spokane County	53063	U	Propylene Dichloride	5.32E-06	6.25E-06	9.93E-06	2.07E-05	1.17E-04	5.82E-05	1.29E-04	2.25E-04	5.48E-05	6.24E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	Quinoline	1.29E-08	2.70E-08	5.94E-08	1.12E-07	1.94E-07	2.33E-07	3.59E-07	4.73E-07	0.00E+00	1.94E-07	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	1,1,2,2-Tetrachloroethane	4.13E-05	4.98E-05	7.62E-05	1.57E-04	1.05E-03	5.12E-04	1.16E-03	2.04E-03	5.02E-04	5.46E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Spokane County	53063	U	Trichloroethylene	8.57E-02	9.11E-02	1.18E-01	1.32E-01	1.37E-01	1.49E-01	1.79E-01	1.95E-01	9.96E-04	5.46E-02	0.00E+00	0.00E+00	8.10E-02
Washington	Spokane County	53063	U	Vinyl Chloride	1.35E-04	1.43E-04	2.07E-04	4.06E-04	2.60E-03	1.28E-03	2.87E-03	5.03E-03	1.24E-03	1.36E-03	0.00E+00	0.00E+00	0.00E+00
Washington	Stevens County	53065	R	Acetaldehyde	2.93E-02	2.97E-02	3.14E-02	4.35E-02	5.02E-02	5.91E-02	8.20E-02	1.04E-01	8.21E-04	2.59E-02	1.72E-02	6.30E-03	0.00E+00
Washington	Stevens County	53065	R	Acrolein	2.38E-02	2.44E-02	3.10E-02	3.78E-02	3.63E-02	4.14E-02	4.31E-02	4.59E-02	6.96E-05	3.33E-02	2.14E-03	7.90E-04	0.00E+00
Washington	Stevens County	53065	R	Acrylonitrile	6.64E-06	7.10E-06	8.20E-06	3.47E-05	6.07E-05	9.51E-05	1.57E-04	2.13E-04	1.13E-05	4.94E-05	0.00E+00	0.00E+00	0.00E+00
Washington	Stevens County	53065	R	Arsenic Compounds	1.53E-06	1.59E-06	1.83E-06	3.50E-06	7.27E-06	1.09E-05	1.25E-05	2.90E-05	2.61E-07	1.12E-06	4.09E-06	1.81E-06	0.00E+00
Washington	Stevens County	53065	R	Benzene	5.45E-01	5.47E-01	5.59E-01	5.86E-01	6.24E-01	6.66E-01	7.06E-01	8.45E-01	7.95E-05	8.63E-02	4.56E-02	1.20E-02	4.80E-01
Washington	Stevens County	53065	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-16	0.00E+00	0.00E+00	7.75E-15	0.00E+00	6.46E-16	0.00E+00		

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Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Stevens County	53065	R	Manganese Compounds	6.25E-07	5.17E-06	2.71E-05	3.73E-05	1.90E-04	2.46E-04	6.80E-04	8.77E-04	3.91E-05	1.50E-04	8.02E-07	1.69E-07	0.00E+00		
Washington	Stevens County	53065	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.99E-08	1.87E-06	4.88E-06	1.55E-06	1.50E-03		
Washington	Stevens County	53065	R	Methylene Chloride	1.51E-01	1.52E-01	1.52E-01	1.55E-01	1.73E-01	1.89E-01	1.95E-01	2.72E-01	1.75E-04	2.28E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Stevens County	53065	R	Nickel Compounds	5.23E-07	6.24E-07	7.19E-07	1.66E-06	2.79E-06	4.17E-06	4.68E-06	9.98E-06	8.46E-08	5.54E-07	1.88E-06	2.76E-07	0.00E+00		
Washington	Stevens County	53065	R	Perchloroethylene	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.44E-01	1.45E-01	1.51E-01	2.01E-05	2.83E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Stevens County	53065	R	Polychlorinated Biphenyls	3.83E-04	3.84E-04	3.84E-04	3.88E-04	4.07E-04	4.29E-04	4.46E-04	4.95E-04	0.00E+00	2.74E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Stevens County	53065	R	Polycyclic Organic Matter	3.67E-03	4.34E-03	4.45E-03	6.36E-03	9.15E-03	1.23E-02	1.46E-02	2.50E-02	1.35E-04	7.99E-03	8.59E-04	1.74E-04	0.00E+00		
Washington	Stevens County	53065	R	7-PAH	9.46E-04	9.93E-04	1.19E-03	1.47E-03	1.53E-03	1.83E-03	2.04E-03	2.36E-03	4.38E-06	1.51E-03	6.46E-06	2.47E-06	0.00E+00		
Washington	Stevens County	53065	R	Propylene Dichloride	3.66E-07	3.80E-07	4.23E-07	1.24E-06	2.85E-06	3.82E-06	7.70E-06	1.21E-05	6.86E-07	2.17E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Stevens County	53065	R	Quinoline	1.00E-10	1.14E-10	1.52E-10	1.18E-09	2.32E-09	4.67E-09	4.71E-09	7.43E-09	0.00E+00	2.32E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Stevens County	53065	R	1,1,2,2-Tetrachloroethane	2.40E-06	2.77E-06	2.91E-06	4.24E-06	1.86E-05	1.11E-05	6.75E-05	1.03E-04	6.28E-06	1.23E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Stevens County	53065	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.15E-02	8.29E-02	8.39E-02	8.49E-02	9.20E-02	1.20E-05	1.93E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Stevens County	53065	R	Vinyl Chloride	5.98E-06	6.85E-06	7.36E-06	1.04E-05	4.61E-05	2.80E-05	1.66E-04	2.54E-04	1.55E-05	3.06E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Acetaldehyde	1.43E-01	1.63E-01	2.47E-01	3.35E-01	3.60E-01	4.56E-01	5.71E-01	6.83E-01	8.40E-03	5.40E-02	2.60E-01	3.84E-02	0.00E+00		
Washington	Thurston County	53067	U	Acrolein	5.61E-02	5.95E-02	6.28E-02	7.30E-02	7.52E-02	8.51E-02	9.65E-02	1.05E-01	1.55E-04	3.87E-02	3.21E-02	4.22E-03	0.00E+00		
Washington	Thurston County	53067	U	Acrylonitrile	2.30E-05	4.05E-05	9.03E-05	1.67E-04	2.66E-04	3.02E-04	4.00E-04	1.14E-03	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Arsenic Compounds	2.74E-05	3.54E-05	4.85E-05	5.78E-05	6.49E-05	8.10E-05	1.04E-04	1.12E-04	2.07E-05	3.05E-06	3.30E-05	8.07E-06	0.00E+00		
Washington	Thurston County	53067	U	Benzene	7.97E-01	8.10E-01	9.92E-01	1.17E+00	1.26E+00	1.38E+00	1.83E+00	2.12E+00	3.89E-04	1.93E-01	5.23E-01	6.09E-02	4.80E-01		
Washington	Thurston County	53067	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		
Washington	Thurston County	53067	U	Beryllium Compounds	4.08E-07	6.64E-07	1.02E-06	1.56E-06	1.85E-06	2.39E-06	3.90E-06	4.59E-06	1.92E-08	9.71E-07	0.00E+00	8.59E-07	0.00E+00		
Washington	Thurston County	53067	U	1,3-Butadiene	1.51E-02	1.68E-02	2.06E-02	3.59E-02	4.25E-02	5.27E-02	7.53E-02	1.06E-01	2.16E-06	7.80E-03	2.92E-02	5.41E-03	0.00E+00		
Washington	Thurston County	53067	U	Cadmium Compounds	2.58E-06	3.93E-06	7.11E-06	8.01E-06	7.83E-06	9.44E-06	1.05E-05	1.10E-05	4.20E-06	2.65E-06	0.00E+00	9.70E-07	0.00E+00		
Washington	Thurston County	53067	U	Carbon Disulfide	4.73E-02	4.74E-02	4.82E-02	4.87E-02	4.90E-02	4.97E-02	5.07E-02	5.14E-02	8.61E-04	1.14E-03	0.00E+00	0.00E+00	4.70E-02		
Washington	Thurston County	53067	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	8.85E-01	1.21E-03	2.84E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Thurston County	53067	U	Chloroform	8.98E-02	9.52E-02	1.07E-01	1.21E-01	1.19E-01	1.30E-01	1.35E-01	1.49E-01	6.23E-03	2.99E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Thurston County	53067	U	Chromium Compounds (includes Hexavalent)	6.99E-05	1.01E-04	1.44E-04	1.55E-04	1.55E-04	1.72E-04	2.07E-04	2.17E-04	2.18E-05	1.06E-04	2.57E-05	1.76E-06	0.00E+00		
Washington	Thurston County	53067	U	Chromium VI	1.04E-05	1.21E-05	1.41E-05	1.66E-05	1.93E-05	2.17E-05	2.94E-05	3.61E-05	2.51E-06	5.91E-06	1.02E-05	5.98E-07	0.00E+00		
Washington	Thurston County	53067	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		
Washington	Thurston County	53067	U	1,4-Dichlorobenzene	6.86E-03	7.76E-03	9.51E-02	2.62E-02	3.92E-02	3.51E-02	3.92E-02	5.20E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	1,3-Dichloropropene	1.35E-02	1.56E-02	3.17E-02	5.31E-02	5.32E-02	7.13E-02	7.97E-02	1.05E-01	0.00E+00	5.32E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	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	1.18E-07	0.00E+00	0.00E+00	7.70E-03		
Washington	Thurston County	53067	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.15E-02	1.12E-04	2.52E-05	0.00E+00	0.00E+00	6.10E-02		
Washington	Thurston County	53067	U	Ethylene Oxide	9.21E-05	1.73E-04	3.45E-04	4.31E-04	5.22E-04	6.24E-04	1.19E-03	1.22E-03	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Formaldehyde	5.37E-01	5.45E-01	6.15E-01	6.82E-01	7.09E-01	8.05E-01	8.84E-01	9.83E-01	1.87E-03	1.74E-01	2.19E-01	6.48E-02	2.50E-01		
Washington	Thurston County	53067	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.36E-05	9.40E-05	9.39E-05	9.42E-05	9.44E-05	9.49E-05	0.00E+00	9.25E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Thurston County	53067	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	1.66E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Thurston County	53067	U	Hexamethylene Diisocyanate	2.38E-07	2.92E-07	4.09E-07	5.21E-07	1.36E-06	8.22E-07	2.67E-06	7.54E-06	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Hydrazine	3.32E-10	3.72E-10	5.09E-10	1.36E-09	3.94E-09	1.49E-08	1.72E-08	0.00E+00	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Lead Compounds	1.25E-04	2.97E-04	6.08E-04	1.00E-03	1.94E-03	2.26E-03	3.21E-03	4.43E-03	3.95E-05	2.26E-04	0.00E+00	1.67E-03	0.00E+00		
Washington	Thurston County	53067	U	Manganese Compounds	1.60E-04	2.15E-04	2.89E-04	3.63E-04	3.71E-04	4.24E-04	4.76E-04	5.77E-04	1.35E-04	2.26E-04	8.27E-06	1.99E-06	0.00E+00		
Washington	Thurston County	53067	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.59E-03	1.60E-03	1.47E-06	6.95E-06	3.43E-05	7.58E-06	1.50E-03		
Washington	Thurston County	53067	U	Methylene Chloride	1.74E-01	1.81E-01	2.10E-01	2.47E-01	2.72E-01	3.01E-01	4.24E-01	4.38E-01	1.97E-03	1.20E-01	0.00E+00	0.00E+00	1.50E-01		
Washington	Thurston County	53067	U	Nickel Compounds	3.55E-05	5.59E-05	1.09E-04	1.18E-04	1.24E-04	1.51E-04	1.66E-04	2.06E-04	1.16E-06	6.81E-05	1.92E-05	2.88E-05	0.00E+00		
Washington	Thurston County	53067	U	Perchloroethylene	1.47E-01	1.48E-01	1.54E-01	1.69E-01	1.69E-01	1.76E-01	1.83E-01	2.07E-01	2.16E-04	2.87E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Thurston County	53067	U	Polychlorinated Biphenyls	4.01E-04	4.09E-04	4.52E-04	5.01E-04	4.93E-04	5.30E-04	5.52E-04	6.06E-04	1.80E-10	1.13E-04	0.00E+00	0.00E+00	3.80E-04		
Washington	Thurston County	53067	U	Polycyclic Organic Matter	1.84E-02	2.97E-02	3.59E-02	4.90E-02	4.76E-02	5.69E-02	6.60E-02	7.52E-02	4.88E-03	3.21E-02	9.05E-03	1.49E-03	0.00E+00		
Washington	Thurston County	53067	U	7-PAH	1.95E-03	2.00E-03	2.16E-03	2.49E-03	2.50E-03	3.06E-03	3.22E-03	3.10E-04	2.32E-03	6.30E-05	1.87E-05	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Propylene Dichloride	1.22E-06	2.07E-06	4.33E-06	7.80E-06	1.34E-05	1.33E-05	1.73E-05	6.85E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Quinoline	1.09E-08	1.13E-08	1.25E-08	1.75E-08	2.54E-08	2.40E-08	5.78E-08	8.39E-08	0.00E+00	2.54E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	1,1,2,2-Tetrachloroethane	7.30E-06	1.27E-05	2.27E-05	3.65E-05	9.61E-05	6.87E-05	1.49E-04	6.21E-04	0.00E+00	9.61E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Thurston County	53067	U	Trichloroethylene	8.24E-02	8.44E-02	8.74E-02	9.09E-02	9.26E-02	9.52E-02	1.06E-01	1.09E-01	2.05E-04	1.14E-02	0.00E+00	0.00E+00	8.10E-02		
Washington	Thurston County	53067	U	Vinyl Chloride	1.86E-05	3.19E-05	6.00E-05	9.13E-05	2.38E-04	1.71E-04	3.67E-04	1.53E-03	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	Acetaldehyde	2.54E-01	2.54E-01	2.54E-01	2.54E-01	2.54E-01	2.54E-01	2.54E-01	2.54E-01	1.88E-01	3.08E-02	2.03E-02	1.50E-02	0.00E+00		
Washington	Wahkiakum County	53069	R	Acrolein	4.94E-02	4.94E-02	4.94E-02	4.94E-02	4.94E-02	4.94E-02	4.94E-02	4.94E-02	9.48E-04	4.30E-02	3.80E-03	1.60E-03	0.00E+00		
Washington	Wahkiakum County	53069	R	Acrylonitrile	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	2.59E-07	1.84E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	Arsenic Compounds	1.79E-05	1.79E-05	1.79E-05	1.79E-05	1.79E-0										

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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		
Washington	Wahkiakum County	53069	R	Chromium Compounds (includes Hexavalent)	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.15E-05	2.40E-06	1.86E-06	6.88E-07	0.00E+00		
Washington	Wahkiakum County	53069	R	Chromium VI	6.62E-06	6.62E-06	6.62E-06	6.62E-06	6.62E-06	6.62E-06	6.62E-06	6.62E-06	4.62E-06	1.03E-06	7.39E-07	2.34E-07	0.00E+00		
Washington	Wahkiakum County	53069	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		
Washington	Wahkiakum County	53069	R	1,4-Dichlorobenzene	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	1,3-Dichloropropene	3.25E-03	3.25E-03	3.25E-03	3.25E-03	3.25E-03	3.25E-03	3.25E-03	3.25E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	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	1.14E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Wahkiakum County	53069	R	Ethylene Dichloride	6.19E-02	6.19E-02	6.19E-02	6.19E-02	6.19E-02	6.19E-02	6.19E-02	6.19E-02	9.19E-04	1.86E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Wahkiakum County	53069	R	Ethylene Oxide	1.23E-05	1.23E-05	1.23E-05	1.23E-05	1.23E-05	1.23E-05	1.23E-05	1.23E-05	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	Formaldehyde	4.93E-01	4.93E-01	4.93E-01	4.93E-01	4.93E-01	4.93E-01	4.93E-01	4.93E-01	3.15E-02	1.73E-01	1.83E-02	1.99E-02	2.50E-01		
Washington	Wahkiakum County	53069	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	8.81E-08	0.00E+00	0.00E+00	9.30E-05		
Washington	Wahkiakum County	53069	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	1.07E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Wahkiakum County	53069	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		
Washington	Wahkiakum County	53069	R	Hydrazine	2.04E-10	2.04E-10	2.04E-10	2.04E-10	2.04E-10	2.04E-10	2.04E-10	2.04E-10	0.00E+00	2.04E-10	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	Lead Compounds	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.56E-03	3.96E-06	0.00E+00	1.07E-04	0.00E+00		
Washington	Wahkiakum County	53069	R	Manganese Compounds	4.82E-04	4.82E-04	4.82E-04	4.82E-04	4.82E-04	4.82E-04	4.82E-04	4.82E-04	3.63E-04	1.17E-04	5.58E-07	1.44E-06	0.00E+00		
Washington	Wahkiakum County	53069	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	1.98E-06	5.43E-07	3.26E-06	1.89E-06	1.50E-03		
Washington	Wahkiakum County	53069	R	Methylene Chloride	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	9.76E-03	6.15E-03	0.00E+00	0.00E+00	1.50E-01		
Washington	Wahkiakum County	53069	R	Nickel Compounds	5.97E-05	5.97E-05	5.97E-05	5.97E-05	5.97E-05	5.97E-05	5.97E-05	5.97E-05	1.27E-05	1.41E-05	1.40E-06	3.14E-05	0.00E+00		
Washington	Wahkiakum County	53069	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.84E-03	1.02E-03	0.00E+00	0.00E+00	1.40E-01		
Washington	Wahkiakum County	53069	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04	0.00E+00	1.03E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Wahkiakum County	53069	R	Polycyclic Organic Matter	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	6.38E-02	6.47E-03	6.96E-04	3.02E-04	0.00E+00		
Washington	Wahkiakum County	53069	R	7-PAH	4.91E-03	4.91E-03	4.91E-03	4.91E-03	4.91E-03	4.91E-03	4.91E-03	4.91E-03	3.20E-03	1.70E-03	4.77E-06	9.33E-06	0.00E+00		
Washington	Wahkiakum County	53069	R	Propylene Dichloride	9.70E-07	9.70E-07	9.70E-07	9.70E-07	9.70E-07	9.70E-07	9.70E-07	9.70E-07	0.00E+00	9.70E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	Quinoline	9.57E-04	9.57E-04	9.57E-04	9.57E-04	9.57E-04	9.57E-04	9.57E-04	9.57E-04	9.57E-04	5.01E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	1,1,2,2-Tetrachloroethane	6.83E-06	6.83E-06	6.83E-06	6.83E-06	6.83E-06	6.83E-06	6.83E-06	6.83E-06	0.00E+00	6.83E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Wahkiakum County	53069	R	Trichloroethylene	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	1.82E-03	5.38E-04	0.00E+00	0.00E+00	8.10E-02		
Washington	Wahkiakum County	53069	R	Vinyl Chloride	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Walla Walla County	53071	U	Acetaldehyde	5.38E-02	6.18E-02	8.40E-02	9.87E-02	1.05E-01	1.40E-01	1.41E-01	1.66E-01	7.97E-03	2.49E-02	4.19E-02	3.05E-02	0.00E+00		
Washington	Walla Walla County	53071	U	Acrolein	1.44E-02	1.92E-02	2.46E-02	3.09E-02	2.95E-02	3.41E-02	3.68E-02	4.08E-02	1.10E-04	1.02E-02	6.20E-03	1.73E-03	0.00E+00		
Washington	Walla Walla County	53071	U	Acrylonitrile	2.96E-06	4.49E-06	4.58E-06	4.21E-05	7.94E-05	2.00E-04	2.01E-04	2.01E-04	2.10E-05	5.84E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Walla Walla County	53071	U	Arsenic Compounds	8.51E-06	1.07E-05	1.78E-05	2.58E-05	2.61E-05	3.18E-05	3.73E-05	5.03E-05	3.83E-06	1.21E-06	1.22E-05	8.89E-06	0.00E+00		
Washington	Walla Walla County	53071	U	Benzene	5.58E-01	5.73E-01	5.91E-01	8.07E-01	8.06E-01	9.15E-01	1.07E+00	1.14E+00	3.24E-04	1.03E-01	1.96E-01	2.70E-02	4.80E-01		
Washington	Walla Walla County	53071	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		
Washington	Walla Walla County	53071	U	Beryllium Compounds	3.43E-07	4.08E-07	6.74E-07	8.53E-07	1.04E-06	1.37E-06	1.59E-06	2.15E-06	2.43E-07	7.51E-07	0.00E+00	4.43E-08	0.00E+00		
Washington	Walla Walla County	53071	U	1,3-Butadiene	2.36E-03	5.91E-03	1.48E-02	2.88E-02	2.73E-02	3.66E-02	3.95E-02	5.92E-02	0.00E+00	7.53E-03	1.69E-02	2.89E-03	0.00E+00		
Washington	Walla Walla County	53071	U	Cadmium Compounds	1.17E-06	1.33E-06	1.87E-06	2.27E-06	2.54E-06	2.99E-06	3.51E-06	5.80E-06	1.36E-06	1.14E-06	0.00E+00	4.54E-08	0.00E+00		
Washington	Walla Walla County	53071	U	Carbon Disulfide	4.76E-02	4.77E-02	4.77E-02	4.81E-02	4.85E-02	4.98E-02	4.99E-02	4.99E-02	7.94E-04	7.30E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Walla Walla County	53071	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	1.13E-03	1.60E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Walla Walla County	53071	U	Chloroform	8.86E-02	8.88E-02	9.23E-02	9.57E-02	9.55E-02	9.64E-02	1.04E-01	1.05E-01	5.84E-03	6.61E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Walla Walla County	53071	U	Chromium Compounds (includes Hexavalent)	5.69E-06	6.18E-06	1.19E-05	1.76E-05	1.79E-05	2.30E-05	2.85E-05	3.07E-05	3.95E-06	4.47E-06	9.16E-06	3.24E-07	0.00E+00		
Washington	Walla Walla County	53071	U	Chromium VI	2.36E-06	2.43E-06	5.24E-06	8.04E-06	8.18E-06	1.18E-05	1.36E-05	1.58E-05	1.42E-06	3.04E-06	3.62E-06	1.10E-07	0.00E+00		
Washington	Walla Walla County	53071	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		
Washington	Walla Walla County	53071	U	1,4-Dichlorobenzene	1.80E-03	2.68E-03	3.64E-03	1.61E-02	1.54E-02	2.16E-02	2.38E-02	3.91E-02	1.93E-06	1.54E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Walla Walla County	53071	U	1,3-Dichloropropene	3.41E-03	5.34E-03	7.41E-03	3.29E-02	3.14E-02	4.43E-02	4.87E-02	8.00E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Walla Walla County	53071	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	1.18E-08	3.48E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Walla Walla County	53071	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	6.14E-02	1.04E-04	2.15E-06	0.00E+00	6.10E-02		
Washington	Walla Walla County	53071	U	Ethylene Oxide	2.41E-05	3.37E-05	9.56E-05	3.38E-04	7.12E-04	9.29E-04	1.52E-03	3.10E-03	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Walla Walla County	53071	U	Formaldehyde	3.54E-01	3.65E-01	4.00E-01	4.71E-01	4.66E-01	5.26E-01	5.26E-01	6.03E-01	2.00E-03	9.70E-02	6.70E-02	4.98E-02	2.50E-01		
Washington	Walla Walla County	53071	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.32E-05	9.35E-05	9.35E-05	9.36E-05	9.37E-05	9.40E-05	0.00E+00	4.73E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Walla Walla County	53071	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	9.58E-08	0.00E+00	0.00E+00	1.80E-03		
Washington	Walla Walla County	53071	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		
Washington	Walla Walla County	53071	U	Hydrazine	6.41E-10	1.38E-09	2.37E-09	4.88E-09	1.41E-08	7.73E-09	1.85E-08	1.02E-07	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Walla Walla County	53071	U	Lead Compounds	6.98E-05	1.30E-04	1.32E-04	1.94E-04	2.38E-04	3.37E-04	4.04E-04	4.57E-04	7.90E-05	1.08E-04	0.00E+00	5.15E-05	0.00E+00		
Washington	Walla Walla County	53071	U	Manganese Compounds	2.48E-05	2.78E-05	3.37E-05	3.50E-05	4.47E-05	4.22E-05	4.27E-05	1.40E-04	3.67E-05	4.15E-06	3.09E-06	7.34E-07	0.00E+00		
Washington	Walla Walla County	53071	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	6.38E-07	5.14E-06	1.27E-05	7.46E-06	1.50E-03		
Washington	Walla Walla County																		

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		
Washington	Walla Walla County	53071	U	Trichloroethylene	8.18E-02	8.24E-02	8.25E-02	8.53E-02	8.76E-02	9.46E-02	9.61E-02	9.67E-02	2.25E-04	6.42E-03	0.00E+00	0.00E+00	8.10E-02		
Washington	Walla Walla County	53071	U	Vinyl Chloride	1.91E-07	3.01E-07	6.84E-07	3.96E-06	3.54E-05	2.92E-05	4.52E-05	2.69E-04	1.87E-05	6.70E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	Acetaldehyde	9.25E-02	9.43E-02	1.94E-01	3.47E-01	2.18E+00	7.49E-01	1.92E+00	2.20E+00	1.85E+00	6.28E-02	1.88E-01	8.16E-02	0.00E+00		
Washington	Whatcom County	53073	U	Acrolein	3.07E-02	4.30E-02	5.59E-02	8.65E-02	8.94E-02	1.18E-01	1.45E-01	1.45E-01	4.72E-03	5.31E-02	2.40E-02	7.53E-03	0.00E+00		
Washington	Whatcom County	53073	U	Acrylonitrile	1.94E-05	2.37E-05	3.26E-05	4.21E-05	1.02E-04	1.12E-04	2.76E-04	3.24E-04	1.55E-05	8.60E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	Arsenic Compounds	5.27E-06	1.05E-05	1.95E-05	3.84E-05	2.37E-04	8.55E-05	2.88E-04	3.06E-04	1.93E-04	3.54E-06	2.94E-05	1.12E-05	0.00E+00		
Washington	Whatcom County	53073	U	Benzene	6.30E-01	6.97E-01	8.00E-01	1.06E+00	1.29E+00	1.53E+00	2.41E+00	2.55E+00	4.39E-02	1.66E-01	4.71E-01	1.34E-01	4.80E-01		
Washington	Whatcom County	53073	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		
Washington	Whatcom County	53073	U	Beryllium Compounds	4.53E-07	6.39E-07	1.53E-06	3.42E-06	2.33E-05	4.39E-06	2.12E-05	2.56E-05	2.24E-05	7.24E-07	0.00E+00	1.98E-07	0.00E+00		
Washington	Whatcom County	53073	U	1,3-Butadiene	9.55E-03	1.31E-02	2.20E-02	3.81E-02	5.92E-02	7.50E-02	1.52E-01	1.81E-01	1.58E-04	1.64E-02	3.15E-02	1.11E-02	0.00E+00		
Washington	Whatcom County	53073	U	Cadmium Compounds	1.13E-06	2.20E-06	5.64E-06	1.45E-05	5.32E-05	2.16E-05	5.05E-05	6.22E-05	5.09E-05	1.68E-06	0.00E+00	6.63E-07	0.00E+00		
Washington	Whatcom County	53073	U	Carbon Disulfide	4.72E-02	4.73E-02	4.78E-02	4.82E-02	5.95E-02	5.01E-02	6.19E-02	7.41E-02	1.15E-02	9.87E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Whatcom County	53073	U	Carbon Tetrachloride	8.88E-01	8.88E-01	9.06E-01	9.20E-01	1.42E+00	1.04E+00	1.66E+00	2.65E+00	5.40E-01	2.56E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Whatcom County	53073	U	Chloroform	1.01E-01	1.03E-01	1.41E-01	1.67E-01	2.19E+00	4.23E-01	2.21E+00	3.44E+00	2.09E+00	1.54E-02	0.00E+00	0.00E+00	8.30E-02		
Washington	Whatcom County	53073	U	Chromium Compounds (includes Hexavalent)	5.70E-05	7.20E-05	1.87E-04	3.07E-04	9.42E-03	1.10E-03	7.99E-03	1.04E-02	9.39E-03	8.11E-06	2.13E-05	3.06E-06	0.00E+00		
Washington	Whatcom County	53073	U	Chromium VI	6.54E-06	8.93E-06	2.11E-05	3.63E-05	1.86E-04	6.99E-05	1.91E-04	3.27E-04	1.73E-04	3.65E-06	8.50E-06	1.04E-06	0.00E+00		
Washington	Whatcom County	53073	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		
Washington	Whatcom County	53073	U	1,4-Dichlorobenzene	1.15E-03	3.54E-03	8.17E-03	1.33E-02	2.21E-02	3.48E-02	5.98E-02	6.74E-02	1.42E-06	2.21E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	1,3-Dichloropropene	2.10E-03	6.23E-03	1.58E-02	2.62E-02	4.42E-02	7.02E-02	1.21E-01	1.36E-01	0.00E+00	4.42E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	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	8.65E-09	1.17E-08	0.00E+00	0.00E+00	7.70E-03		
Washington	Whatcom County	53073	U	Ethylene Dichloride	6.24E-02	6.25E-02	6.55E-02	6.80E-02	1.56E-01	8.92E-02	1.99E-01	3.72E-01	9.51E-02	2.89E-06	0.00E+00	0.00E+00	6.10E-02		
Washington	Whatcom County	53073	U	Ethylene Oxide	1.63E-05	3.33E-05	7.68E-05	1.28E-04	4.51E-04	3.15E-04	1.26E-03	2.49E-03	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	Formaldehyde	4.42E-01	4.43E-01	5.32E-01	7.15E-01	9.02E-01	1.01E+00	1.40E+00	1.44E+00	9.31E-02	2.52E-01	1.86E-01	1.20E-01	2.50E-01		
Washington	Whatcom County	53073	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.33E-05	9.36E-05	9.38E-05	9.42E-05	9.47E-05	9.48E-05	0.00E+00	7.59E-07	0.00E+00	0.00E+00	9.30E-05		
Washington	Whatcom County	53073	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	1.52E-07	0.00E+00	0.00E+00	1.80E-03		
Washington	Whatcom County	53073	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-08	7.23E-08	1.10E-07	1.52E-07	0.00E+00	3.89E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	Hydrazine	3.78E-11	2.19E-10	8.68E-10	1.33E-09	3.66E-09	4.92E-09	1.05E-08	2.18E-08	0.00E+00	3.66E-09	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	Lead Compounds	5.58E-05	1.13E-04	2.75E-04	4.93E-04	9.83E-04	1.26E-03	2.03E-03	2.09E-03	3.04E-05	1.46E-04	0.00E+00	8.07E-04	0.00E+00		
Washington	Whatcom County	53073	U	Manganese Compounds	6.83E-05	7.42E-05	1.75E-04	3.32E-04	3.11E-03	1.21E-03	3.06E-03	5.13E-03	2.68E-03	4.20E-04	7.00E-06	5.32E-06	0.00E+00		
Washington	Whatcom County	53073	U	Mercury Compounds	1.67E-03	1.69E-03	2.04E-03	2.35E-03	3.14E-02	4.79E-03	2.55E-02	3.63E-02	2.99E-02	1.04E-05	3.16E-05	1.05E-05	1.50E-03		
Washington	Whatcom County	53073	U	Methylene Chloride	1.72E-01	1.72E-01	2.19E-01	2.50E-01	1.09E+00	4.75E-01	1.77E+00	3.16E+00	8.53E-01	8.53E-02	0.00E+00	0.00E+00	1.50E-01		
Washington	Whatcom County	53073	U	Nickel Compounds	5.00E-05	6.41E-05	2.04E-04	3.80E-04	1.12E-04	1.24E-03	9.44E-03	1.19E-02	1.11E-02	1.53E-06	1.60E-05	1.01E-04	0.00E+00		
Washington	Whatcom County	53073	U	Perchloroethylene	1.44E-01	1.48E-01	1.58E-01	1.73E-01	3.03E-01	2.10E-01	4.38E-01	6.72E-01	1.20E-01	4.34E-02	0.00E+00	0.00E+00	1.40E-01		
Washington	Whatcom County	53073	U	Polychlorinated Biphenyls	3.86E-04	3.94E-04	4.14E-04	4.41E-04	4.62E-04	5.02E-04	5.69E-04	5.82E-04	1.37E-08	8.15E-05	0.00E+00	0.00E+00	3.80E-04		
Washington	Whatcom County	53073	U	Polycyclic Organic Matter	1.12E-02	1.93E-02	2.63E-02	4.57E-02	6.61E-02	7.93E-02	1.77E-01	2.22E-01	3.35E-02	2.28E-02	7.50E-03	2.25E-03	0.00E+00		
Washington	Whatcom County	53073	U	7-PAH	7.18E-04	1.41E-03	1.85E-03	2.59E-03	2.52E-03	3.18E-03	3.93E-03	4.14E-03	1.37E-04	2.29E-03	5.35E-05	4.10E-05	0.00E+00		
Washington	Whatcom County	53073	U	Propylene Dichloride	6.10E-07	8.31E-07	1.05E-06	1.62E-06	3.63E-06	3.58E-06	8.70E-06	1.96E-05	9.36E-07	2.69E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	Quinoline	1.21E-09	2.12E-09	5.52E-09	8.32E-09	1.38E-08	1.88E-08	3.12E-08	6.15E-08	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	1,1,2,2-Tetrachloroethane	1.29E-07	1.50E-07	4.25E-07	8.45E-07	9.37E-06	1.59E-06	1.55E-05	2.76E-05	8.58E-06	7.87E-07	0.00E+00	0.00E+00	0.00E+00		
Washington	Whatcom County	53073	U	Trichloroethylene	8.34E-02	8.35E-02	8.83E-02	9.18E-02	1.87E-01	1.16E-01	2.37E-01	4.25E-01	9.50E-02	1.07E-02	0.00E+00	0.00E+00	8.10E-02		
Washington	Whatcom County	53073	U	Vinyl Chloride	1.62E-06	1.64E-06	2.17E-06	5.18E-06	2.64E-05	1.05E-05	3.87E-05	6.84E-05	2.11E-05	5.25E-06	0.00E+00	0.00E+00	0.00E+00		
Washington	Whitman County	53075	U	Acetaldehyde	5.46E-02	7.02E-02	1.11E-01	5.88E-01	4.77E-01	7.73E-01	8.87E-01	9.13E-01	3.83E-02	3.50E-01	4.50E-02	4.32E-02	0.00E+00		
Washington	Whitman County	53075	U	Acrolein	1.06E-02	1.99E-02	3.31E-02	1.05E-01	8.99E-02	1.34E-01	1.53E-01	1.53E-01	3.80E-05	8.10E-02	6.46E-03	2.48E-03	0.00E+00		
Washington	Whitman County	53075	U	Acrylonitrile	5.04E-06	6.13E-06	1.06E-05	2.71E-05	3.11E-05	3.74E-05	7.37E-05	1.06E-04	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00		
Washington	Whitman County	53075	U	Arsenic Compounds	4.80E-06	6.55E-06	1.17E-05	1.03E-04	8.14E-05	1.22E-04	1.41E-04	1.49E-04	0.00E+00	6.00E-05	9.07E-06	1.23E-05	0.00E+00		
Washington	Whitman County	53075	U	Benzene	5.15E-01	5.35E-01	5.80E-01	8.04E-01	8.05E-01	8.83E-01	1.23E+00	1.33E+00	1.37E-03	1.54E-01	1.43E-01	2.63E-02	4.80E-01		
Washington	Whitman County	53075	U	Benzidine	0.00E+00	0.00E+00	8.09E-14	1.18E-12	8.94E-13	1.34E-12	1.59E-12	1.71E-12	0.00E+00	8.94E-13	0.00E+00	0.00E+00	0.00E+00		
Washington	Whitman County	53075	U	Beryllium Compounds	1.44E-07	1.71E-07	3.06E-07	1.82E-06	1.42E-06	2.03E-06	2.42E-06	2.59E-06	0.00E+00	1.38E-06	0.00E+00	4.06E-08	0.00E+00		
Washington	Whitman County	53075	U	1,3-Butadiene	1.45E-03	2.36E-03	4.93E-03	1.52E-02	1.87E-02	2.00E-02	5.25E-02	6.37E-02	0.00E+00	5.75E-03	1.06E-02	2.26E-03	0.00E+00		
Washington	Whitman County	53075	U	Cadmium Compounds	2.22E-07	6.05E-07	1.22E-06	2.25E-05	1.68E-05	2.49E-05	2.83E-05	3.04E-05	5.14E-06	1.16E-05	0.00E+00	4.48E-08	0.00E+00		
Washington	Whitman County	53075	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	5.29E-02	5.14E-02	5.38E-02	5.42E-02	5.42E-02	4.03E-03	3.59E-04	0.00E+00	0.00E+00	4.70E-02		
Washington	Whitman County	53075	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	2.92E-04	1.15E-04	0.00E+00	0.00E+00	8.80E-01		
Washington	Whitman County	53075	U	Chloroform	8.33E-02	8.34E-02	8.36E-02	1.16E-01	1.09E-01	1.21E-01	1.31E-01	1.36E-01	2.02E-02	5.62E-03	0.00E+00	0.00E+00	8.30E-02		
Washington	Whitman County	53075	U	Chromium Compounds (includes Hexavalent)	1.08E-06	3.56E-06	7.26E-06	9.10E-05	7.01E-05	1.17E-04	1.21E-04	1.24E-04	2.06E-05	4.27E-05	6.55E-06	2.76E-07	0.00E+00		
Washington	Whitman County	53075	U	Chromium VI	4.82E-07	1.80E-06	3.76E-06	3.61E-05	2.83E-05	4.73E-05	4.95E-05	5.12E-05	7.01E-06	1.87E-05	2.57E-06	9.37E-08	0.00E+00		
Washington	Whitman County	53075	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		
Washington	Whitman County	53075	U	1,4-Dichlorobenzene	5.19E-04	1.06E-03	1.61E-03	1.18E-02	1.57E-02	1.57E-02	4.91E-02	6.33E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00		
Washington	Whitman County	53075	U	1,3-Dichlor															

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Washington

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
Washington	Whitman County	53075	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
Washington	Whitman County	53075	U	Hydrazine	3.06E-11	1.51E-10	9.87E-10	7.25E-07	5.38E-07	8.21E-07	9.05E-07	9.78E-07	0.00E+00	5.38E-07	0.00E+00	0.00E+00	0.00E+00
Washington	Whitman County	53075	U	Lead Compounds	5.98E-05	7.51E-05	2.41E-04	1.49E-03	1.64E-03	3.16E-03	3.77E-03	4.21E-03	4.76E-05	2.87E-04	0.00E+00	1.30E-03	0.00E+00
Washington	Whitman County	53075	U	Manganese Compounds	2.38E-05	1.23E-04	2.85E-04	1.29E-03	9.78E-04	1.46E-03	1.68E-03	1.79E-03	0.00E+00	9.75E-04	2.06E-06	9.90E-07	0.00E+00
Washington	Whitman County	53075	U	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.60E-03	1.58E-03	1.61E-03	1.64E-03	1.66E-03	4.78E-05	9.04E-06	9.47E-06	1.05E-05	1.50E-03
Washington	Whitman County	53075	U	Methylene Chloride	1.52E-01	1.53E-01	1.55E-01	2.13E-01	2.45E-01	2.23E-01	4.68E-01	5.44E-01	2.56E-02	6.92E-02	0.00E+00	0.00E+00	1.50E-01
Washington	Whitman County	53075	U	Nickel Compounds	1.01E-06	2.04E-06	3.61E-06	2.93E-05	2.44E-05	3.82E-05	4.49E-05	4.73E-05	0.00E+00	1.71E-05	4.85E-06	2.48E-06	0.00E+00
Washington	Whitman County	53075	U	Perchloroethylene	1.41E-01	1.44E-01	1.48E-01	2.19E-01	2.05E-01	2.52E-01	2.53E-01	2.54E-01	6.16E-04	6.41E-02	0.00E+00	0.00E+00	1.40E-01
Washington	Whitman County	53075	U	Polychlorinated Biphenyls	3.83E-04	3.85E-04	3.89E-04	4.19E-04	4.14E-04	4.28E-04	4.52E-04	4.60E-04	0.00E+00	3.42E-05	0.00E+00	0.00E+00	3.80E-04
Washington	Whitman County	53075	U	Polycyclic Organic Matter	2.15E-03	3.33E-03	7.02E-03	3.55E-02	3.21E-02	4.29E-02	6.76E-02	7.54E-02	8.53E-03	1.95E-02	2.40E-03	1.61E-03	0.00E+00
Washington	Whitman County	53075	U	7-PAH	2.90E-04	5.08E-04	8.30E-04	2.46E-03	2.04E-03	2.90E-03	3.26E-03	3.26E-03	0.00E+00	2.02E-03	1.61E-05	1.00E-05	0.00E+00
Washington	Whitman County	53075	U	Propylene Dichloride	2.67E-07	3.64E-07	8.20E-07	2.16E-06	2.01E-06	2.91E-06	3.81E-06	4.60E-06	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00
Washington	Whitman County	53075	U	Quinoline	4.62E-10	1.41E-09	4.23E-09	1.74E-08	1.30E-08	1.88E-08	1.99E-08	2.05E-08	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00
Washington	Whitman County	53075	U	1,1,2,2-Tetrachloroethane	1.34E-06	1.39E-06	1.48E-06	1.64E-06	1.89E-06	1.84E-06	3.13E-06	4.23E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
Washington	Whitman County	53075	U	Trichloroethylene	8.20E-02	9.23E-02	1.03E-01	3.21E-01	2.73E-01	3.78E-01	4.22E-01	4.44E-01	1.72E-02	1.75E-01	0.00E+00	0.00E+00	8.10E-02
Washington	Whitman County	53075	U	Vinyl Chloride	5.62E-06	1.28E-05	2.53E-05	1.56E-04	1.29E-04	1.90E-04	2.30E-04	2.50E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Yakima County	53077	U	Acetaldehyde	5.01E-02	8.81E-02	1.30E-01	2.23E-01	2.55E-01	3.42E-01	4.15E-01	4.33E-01	2.14E-02	9.09E-02	1.01E-01	4.16E-02	0.00E+00
Washington	Yakima County	53077	U	Acrolein	2.42E-02	4.51E-02	6.35E-02	9.46E-02	8.59E-02	1.10E-01	1.16E-01	1.25E-01	1.58E-04	6.88E-02	1.45E-02	2.49E-03	0.00E+00
Washington	Yakima County	53077	U	Acrylonitrile	3.37E-05	4.23E-05	8.50E-05	2.74E-04	4.18E-04	5.49E-04	6.83E-04	1.54E-03	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Yakima County	53077	U	Arsenic Compounds	5.35E-06	7.02E-06	1.65E-05	3.24E-05	3.17E-05	4.14E-05	5.18E-05	6.93E-05	9.79E-07	2.67E-06	1.96E-05	8.46E-06	0.00E+00
Washington	Yakima County	53077	U	Benzene	5.81E-01	6.64E-01	8.10E-01	9.80E-01	9.97E-01	1.17E+00	1.27E+00	1.59E+00	7.31E-05	1.80E-01	2.91E-01	4.60E-02	4.80E-01
Washington	Yakima County	53077	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
Washington	Yakima County	53077	U	Beryllium Compounds	2.08E-07	2.58E-07	5.23E-07	9.77E-07	1.66E-06	1.87E-06	3.42E-06	8.44E-06	0.00E+00	1.48E-06	0.00E+00	1.79E-07	0.00E+00
Washington	Yakima County	53077	U	1,3-Butadiene	1.32E-02	1.57E-02	2.46E-02	4.29E-02	4.46E-02	5.90E-02	6.57E-02	9.97E-02	0.00E+00	1.97E-02	1.97E-02	5.15E-03	0.00E+00
Washington	Yakima County	53077	U	Cadmium Compounds	3.30E-07	5.59E-07	1.27E-06	1.77E-06	2.50E-06	3.32E-06	5.47E-06	9.11E-06	2.46E-07	2.07E-06	0.00E+00	1.79E-07	0.00E+00
Washington	Yakima County	53077	U	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.81E-02	4.84E-02	4.92E-02	5.02E-02	5.05E-02	0.00E+00	1.45E-03	0.00E+00	0.00E+00	4.70E-02
Washington	Yakima County	53077	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	2.93E-04	0.00E+00	0.00E+00	8.80E-01
Washington	Yakima County	53077	U	Chloroform	8.40E-02	8.47E-02	8.67E-02	9.36E-02	9.76E-02	1.08E-01	1.19E-01	1.22E-01	0.00E+00	1.46E-02	0.00E+00	0.00E+00	8.30E-02
Washington	Yakima County	53077	U	Chromium Compounds (includes Hexavalent)	2.68E-06	3.55E-06	1.30E-05	1.99E-05	2.03E-05	2.63E-05	3.49E-05	4.55E-05	1.86E-06	2.76E-06	1.51E-05	6.63E-07	0.00E+00
Washington	Yakima County	53077	U	Chromium VI	1.21E-06	1.46E-06	5.27E-06	8.13E-06	8.41E-06	1.04E-05	1.45E-05	1.80E-05	1.04E-06	1.14E-06	6.00E-06	2.25E-07	0.00E+00
Washington	Yakima County	53077	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
Washington	Yakima County	53077	U	1,4-Dichlorobenzene	1.26E-03	2.67E-03	4.95E-03	1.58E-02	2.20E-02	3.14E-02	5.31E-02	6.15E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Yakima County	53077	U	1,3-Dichloropropene	2.42E-03	5.30E-03	9.72E-03	3.20E-02	4.47E-02	6.32E-02	1.08E-01	1.26E-01	0.00E+00	4.47E-02	0.00E+00	0.00E+00	0.00E+00
Washington	Yakima County	53077	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	2.58E-07	0.00E+00	0.00E+00	7.70E-03
Washington	Yakima County	53077	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	0.00E+00	4.21E-05	0.00E+00	0.00E+00	6.10E-02
Washington	Yakima County	53077	U	Ethylene Oxide	6.79E-06	1.12E-05	2.48E-05	1.40E-04	4.04E-04	3.24E-04	1.07E-03	2.58E-03	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00
Washington	Yakima County	53077	U	Formaldehyde	4.03E-01	4.49E-01	6.25E-01	7.03E-01	7.23E-01	8.67E-01	9.43E-01	1.04E+00	4.03E-03	3.05E-01	1.10E-01	5.42E-02	2.50E-01
Washington	Yakima County	53077	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.33E-05	9.36E-05	9.37E-05	9.40E-05	9.44E-05	9.48E-05	0.00E+00	7.03E-07	0.00E+00	0.00E+00	9.30E-05
Washington	Yakima County	53077	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	1.74E-07	0.00E+00	0.00E+00	1.80E-03
Washington	Yakima County	53077	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
Washington	Yakima County	53077	U	Hydrazine	2.46E-10	6.02E-10	3.35E-09	1.36E-08	3.20E-08	4.95E-08	9.68E-08	1.11E-07	0.00E+00	3.20E-08	0.00E+00	0.00E+00	0.00E+00
Washington	Yakima County	53077	U	Lead Compounds	2.48E-05	4.62E-05	7.26E-05	2.22E-04	5.28E-04	4.42E-04	1.79E-03	3.23E-03	5.25E-06	1.11E-04	0.00E+00	4.12E-04	0.00E+00
Washington	Yakima County	53077	U	Manganese Compounds	6.50E-06	2.22E-05	6.26E-05	1.46E-04	2.42E-04	2.60E-04	4.09E-04	1.29E-03	1.51E-04	8.54E-05	4.91E-06	7.79E-07	0.00E+00
Washington	Yakima County	53077	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.58E-03	1.59E-03	6.23E-08	9.68E-06	2.04E-05	7.02E-06	1.50E-03
Washington	Yakima County	53077	U	Methylene Chloride	1.54E-01	1.57E-01	1.69E-01	2.12E-01	2.56E-01	3.30E-01	4.02E-01	4.50E-01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	1.50E-01
Washington	Yakima County	53077	U	Nickel Compounds	2.88E-06	3.50E-06	8.23E-06	1.62E-05	1.54E-05	2.22E-05	2.47E-05	3.61E-05	2.42E-07	2.60E-06	1.13E-05	1.34E-06	0.00E+00
Washington	Yakima County	53077	U	Perchloroethylene	1.41E-01	1.45E-01	1.49E-01										