

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Oklahoma: 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 Oklahoma

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
Oklahoma	Statewide	N/A	N/A	Acetaldehyde	5.59E-02	7.05E-02	1.21E-01	2.78E-01	4.33E-01	5.93E-01	9.37E-01	1.27E+00	5.08E-03	9.17E-02	2.94E-01	4.19E-02	0.00E+00
Oklahoma	Statewide	N/A	N/A	Acrolein	4.78E-03	9.38E-03	1.76E-02	3.92E-02	5.04E-02	8.00E-02	1.08E-01	1.19E-01	7.44E-04	9.55E-03	3.46E-02	5.52E-03	0.00E+00
Oklahoma	Statewide	N/A	N/A	Acrylonitrile	1.11E-05	1.80E-05	5.72E-05	1.66E-04	3.06E-04	3.75E-04	6.41E-04	8.28E-04	5.19E-07	3.06E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Arsenic Compounds	3.41E-06	5.02E-06	1.41E-05	4.15E-05	5.48E-05	8.17E-05	1.23E-04	1.57E-04	4.33E-06	8.21E-06	3.49E-05	7.34E-06	0.00E+00
Oklahoma	Statewide	N/A	N/A	Benzene	5.20E-01	5.48E-01	6.32E-01	9.40E-01	1.13E+00	1.48E+00	1.97E+00	2.39E+00	6.11E-03	1.04E-01	4.69E-01	6.84E-02	4.80E-01
Oklahoma	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Beryllium Compounds	9.32E-08	1.77E-07	6.08E-07	2.08E-06	2.98E-06	4.08E-06	6.74E-06	8.72E-06	3.14E-07	2.13E-06	0.00E+00	5.38E-07	0.00E+00
Oklahoma	Statewide	N/A	N/A	1,3-Butadiene	2.55E-03	3.91E-03	7.72E-03	2.97E-02	5.00E-02	6.51E-02	1.27E-01	1.74E-01	7.99E-04	1.51E-03	4.08E-02	6.86E-03	0.00E+00
Oklahoma	Statewide	N/A	N/A	Cadmium Compounds	1.86E-07	4.07E-07	1.63E-06	4.81E-06	4.05E-05	1.73E-05	5.99E-05	8.88E-05	3.61E-05	3.84E-06	0.00E+00	5.59E-07	0.00E+00
Oklahoma	Statewide	N/A	N/A	Carbon Disulfide	4.70E-02	4.71E-02	4.73E-02	4.79E-02	4.87E-02	4.90E-02	4.90E-02	5.06E-02	5.29E-02	3.15E-04	1.39E-03	0.00E+00	4.70E-02
Oklahoma	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	1.21E-04	2.33E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Statewide	N/A	N/A	Chloroform	8.31E-02	8.33E-02	8.46E-02	9.32E-02	9.78E-02	1.08E-01	1.20E-01	1.25E-01	6.22E-04	1.42E-02	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	2.31E-06	4.82E-06	3.27E-05	2.86E-04	7.90E-04	9.00E-04	1.68E-03	2.49E-03	3.25E-04	4.34E-04	3.04E-05	1.18E-06	0.00E+00
Oklahoma	Statewide	N/A	N/A	Chromium VI	8.28E-07	1.56E-06	9.33E-06	9.27E-05	2.41E-04	2.56E-04	4.98E-04	7.72E-04	7.10E-05	1.57E-04	1.22E-05	4.00E-07	0.00E+00
Oklahoma	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-10	4.18E-10	9.22E-10	1.31E-09	6.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	1,4-Dichlorobenzene	6.70E-04	1.14E-03	3.34E-03	1.52E-02	1.72E-02	3.79E-02	4.24E-02	4.61E-02	1.72E-02	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Statewide	N/A	N/A	1,3-Dichloropropene	1.30E-03	2.21E-03	6.37E-03	3.01E-02	3.45E-02	5.57E-02	7.65E-02	8.57E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.81E-10	2.22E-07	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Statewide	N/A	N/A	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	1.29E-04	3.70E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Statewide	N/A	N/A	Ethylene Oxide	1.52E-05	2.53E-05	9.14E-05	4.63E-04	1.15E-03	1.18E-03	2.12E-03	3.20E-03	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Formaldehyde	3.16E-01	3.30E-01	3.69E-01	5.05E-01	6.07E-01	7.67E-01	1.00E+00	1.24E+00	3.87E-03	5.43E-02	2.34E-01	6.46E-02	2.50E-01
Oklahoma	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.36E-05	9.39E-05	0.00E+00	2.15E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Statewide	N/A	N/A	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.36E-07	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-06	2.66E-06	1.54E-05	3.06E-05	5.03E-08	6.04E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Hydrazine	0.00E+00	1.15E-11	2.54E-10	5.40E-09	3.52E-08	2.35E-08	7.53E-08	1.43E-07	0.00E+00	3.52E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Lead Compounds	2.53E-05	5.13E-05	2.07E-04	6.98E-04	1.92E-03	1.82E-03	4.12E-03	6.81E-03	5.34E-04	1.89E-04	0.00E+00	1.20E-03	0.00E+00
Oklahoma	Statewide	N/A	N/A	Manganese Compounds	1.26E-06	3.89E-06	5.50E-05	3.58E-04	1.44E-03	1.30E-03	2.34E-03	3.99E-03	7.22E-04	7.04E-04	9.84E-06	1.03E-06	0.00E+00
Oklahoma	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.51E-03	1.52E-03	1.54E-03	1.55E-03	1.57E-03	1.62E-03	1.64E-03	2.45E-06	1.12E-05	3.36E-05	6.39E-06	1.50E-03
Oklahoma	Statewide	N/A	N/A	Methylene Chloride	1.53E-01	1.55E-01	1.66E-01	2.31E-01	3.88E-01	4.32E-01	6.91E-01	8.65E-01	1.66E-01	7.23E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Statewide	N/A	N/A	Nickel Compounds	3.70E-06	8.54E-06	5.37E-05	2.63E-04	9.26E-04	1.15E-03	1.97E-03	2.61E-03	2.11E-04	6.87E-04	2.26E-05	4.61E-06	0.00E+00
Oklahoma	Statewide	N/A	N/A	Perchloroethylene	1.41E-01	1.41E-01	1.46E-01	1.72E-01	2.31E-01	2.59E-01	3.25E-01	3.85E-01	4.19E-02	4.86E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.90E-04	4.03E-04	4.02E-04	4.52E-04	4.86E-04	1.95E-09	2.29E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Statewide	N/A	N/A	Polycyclic Organic Matter	1.96E-03	3.52E-03	8.71E-03	2.81E-02	3.27E-02	5.02E-02	7.02E-02	8.21E-02	1.96E-03	1.77E-02	1.14E-02	1.61E-03	0.00E+00
Oklahoma	Statewide	N/A	N/A	7-PAH	1.14E-04	2.01E-04	3.07E-04	5.00E-04	5.67E-04	7.40E-04	1.03E-03	1.28E-03	1.11E-06	4.79E-04	7.13E-05	1.53E-05	0.00E+00
Oklahoma	Statewide	N/A	N/A	Propylene Dichloride	5.58E-07	9.27E-07	2.94E-06	7.92E-06	1.57E-05	1.80E-05	3.18E-05	4.50E-05	3.04E-08	1.57E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Quinoline	0.00E+00	2.86E-10	4.99E-09	5.00E-08	1.35E-07	1.32E-07	2.94E-07	4.80E-07	0.00E+00	1.57E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	3.06E-06	5.20E-06	1.62E-05	4.05E-05	1.13E-04	1.19E-04	2.24E-04	3.35E-04	2.78E-07	1.13E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Statewide	N/A	N/A	Trichloroethylene	8.12E-02	8.14E-02	8.29E-02	9.21E-02	1.08E-01	1.11E-01	1.40E-01	1.69E-01	1.34E-02	1.33E-02	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Statewide	N/A	N/A	Vinyl Chloride	8.49E-06	1.40E-05	4.50E-05	1.07E-04	4.29E-04	4.96E-04	8.96E-04	1.37E-03	6.92E-07	4.28E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	All Urban Counties	N/A	U	Acetaldehyde	7.29E-02	1.03E-01	1.87E-01	3.73E-01	4.92E-01	6.74E-01	1.01E+00	1.28E+00	3.22E-03	5.85E-02	3.77E-01	5.28E-02	0.00E+00
Oklahoma	All Urban Counties	N/A	U	Acrolein	1.06E-02	1.49E-02	3.04E-02	5.86E-02	6.18E-02	9.22E-02	1.13E-01	1.26E-01	9.09E-04	9.87E-03	4.41E-02	6.93E-03	0.00E+00
Oklahoma	All Urban Counties	N/A	U	Acrylonitrile	2.00E-05	4.58E-05	1.17E-04	2.32E-04	3.82E-04	4.53E-04	6.98E-04	9.27E-04	6.27E-07	3.82E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	All Urban Counties	N/A	U	Arsenic Compounds	7.68E-06	1.26E-05	2.98E-05	5.57E-05	6.84E-05	9.18E-05	1.37E-04	1.69E-04	4.71E-06	1.05E-05	4.41E-05	9.05E-06	0.00E+00
Oklahoma	All Urban Counties	N/A	U	Benzene	5.73E-01	6.22E-01	8.04E-01	1.15E+00	1.30E+00	1.60E+00	2.14E+00	2.50E+00	6.50E-03	1.22E-01	6.01E-01	8.52E-02	4.80E-01
Oklahoma	All Urban Counties	N/A	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	All Urban Counties	N/A	U	Beryllium Compounds	2.39E-07	5.18E-07	1.51E-06	2.81E-06	3.66E-06	4.66E-06	7.40E-06	9.49E-06	3.63E-07	2.73E-06	0.00E+00	5.69E-07	0.00E+00
Oklahoma	All Urban Counties	N/A	U	1,3-Butadiene	5.15E-03	7.29E-03	1.81E-02	4.61E-02	6.35E-02	7.75E-02	1.46E-01	1.95E-01	1.06E-03	1.29E-03	5.24E-02	8.77E-03	0.00E+00

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	All Urban Counties	N/A	U	Cadmium Compounds	6.41E-07	1.37E-06	2.95E-06	6.42E-06	5.30E-05	2.90E-05	7.03E-05	1.07E-04	4.76E-05	4.79E-06	0.00E+00	5.97E-07	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Carbon Disulfide	4.71E-02	4.72E-02	4.77E-02	4.84E-02	4.90E-02	4.93E-02	5.12E-02	5.36E-02	2.73E-04	1.74E-03	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	All Urban Counties	N/A	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	1.11E-09	2.92E-04	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	All Urban Counties	N/A	U	Chloroform	8.38E-02	8.49E-02	8.93E-02	1.00E-01	1.02E-01	1.13E-01	1.21E-01	1.27E-01	6.29E-04	1.85E-02	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	9.98E-06	3.09E-05	1.72E-04	4.69E-04	1.04E-03	1.16E-03	1.83E-03	3.08E-03	4.22E-04	5.73E-04	3.89E-05	1.45E-06	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Chromium VI	2.80E-06	8.17E-06	5.08E-05	1.72E-04	3.18E-04	3.34E-04	6.06E-04	9.34E-04	9.35E-05	2.08E-04	1.55E-05	4.91E-07	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-10	5.54E-10	1.08E-09	1.74E-09	8.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	1,4-Dichlorobenzene	1.91E-03	3.14E-03	1.08E-02	2.15E-02	2.16E-02	3.20E-02	3.94E-02	4.40E-02	5.58E-08	2.16E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	1,3-Dichloropropene	3.72E-03	6.19E-03	2.14E-02	4.27E-02	4.34E-02	6.40E-02	7.98E-02	8.92E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	3.40E-10	2.74E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.11E-02	6.13E-02	6.16E-02	1.34E-04	3.76E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	All Urban Counties	N/A	U	Ethylene Oxide	3.88E-05	8.14E-05	3.08E-04	6.81E-04	1.47E-03	1.40E-03	2.63E-03	3.85E-03	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Formaldehyde	3.30E-01	3.53E-01	4.41E-01	6.04E-01	6.79E-01	8.39E-01	1.10E+00	1.29E+00	3.73E-03	4.54E-02	2.99E-01	8.13E-02	2.50E-01	
Oklahoma	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.35E-05	9.38E-05	0.00E+00	1.89E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	All Urban Counties	N/A	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.71E-07	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-06	7.39E-06	2.02E-05	3.39E-05	0.00E+00	7.58E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Hydrazine	3.41E-11	2.93E-10	2.74E-09	1.13E-08	4.26E-08	3.14E-08	9.49E-08	1.81E-07	0.00E+00	4.26E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Lead Compounds	8.07E-05	1.74E-04	4.32E-04	1.03E-03	1.92E-03	2.20E-03	4.15E-03	6.24E-03	1.62E-04	1.98E-04	0.00E+00	1.56E-03	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Manganese Compounds	8.88E-06	5.15E-05	1.80E-04	6.52E-04	1.87E-03	1.55E-03	2.78E-03	4.77E-03	9.42E-04	9.10E-04	1.26E-05	1.27E-06	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.56E-03	1.57E-03	1.58E-03	1.63E-03	1.66E-03	2.35E-06	1.35E-05	4.21E-05	7.75E-06	1.50E-03	
Oklahoma	All Urban Counties	N/A	U	Methylene Chloride	1.57E-01	1.64E-01	2.07E-01	2.75E-01	4.58E-01	5.03E-01	7.61E-01	1.00E+00	2.19E-01	8.95E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	All Urban Counties	N/A	U	Nickel Compounds	1.78E-05	4.89E-05	1.72E-04	4.62E-04	1.21E-03	1.50E-03	2.17E-03	3.23E-03	2.75E-04	9.04E-04	2.88E-05	5.99E-06	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Perchloroethylene	1.43E-01	1.46E-01	1.61E-01	2.13E-01	2.59E-01	2.83E-01	3.42E-01	4.31E-01	5.58E-02	6.29E-02	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.87E-04	4.00E-04	3.98E-04	4.41E-04	4.73E-04	2.45E-09	1.97E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	All Urban Counties	N/A	U	Polycyclic Organic Matter	4.78E-03	7.99E-03	2.00E-02	3.74E-02	4.04E-02	5.69E-02	7.51E-02	8.59E-02	1.97E-03	2.18E-02	1.46E-02	2.05E-03	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	7-PAH	1.85E-04	2.42E-04	3.21E-04	5.01E-04	5.83E-04	7.61E-04	1.03E-03	1.28E-03	1.30E-06	4.72E-04	9.07E-05	1.88E-05	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Propylene Dichloride	9.84E-07	2.39E-06	5.86E-06	1.08E-05	1.95E-05	2.18E-05	3.69E-05	4.67E-05	3.68E-08	1.95E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Quinoline	1.11E-09	4.87E-09	3.17E-08	8.47E-08	1.65E-07	1.65E-07	3.55E-07	5.64E-07	0.00E+00	1.65E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	1,1,1,2,2-Tetrachloroethane	5.25E-06	1.10E-05	2.52E-05	6.13E-05	1.40E-04	1.48E-04	2.56E-04	3.64E-04	3.37E-07	1.40E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Urban Counties	N/A	U	Trichloroethylene	8.16E-02	8.24E-02	8.84E-02	9.85E-02	1.16E-01	1.22E-01	1.52E-01	1.80E-01	1.77E-02	1.72E-02	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	All Urban Counties	N/A	U	Vinyl Chloride	1.65E-05	3.57E-05	6.85E-05	1.80E-04	5.45E-04	6.18E-04	1.03E-03	1.80E-03	8.31E-07	5.44E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Acetaldehyde	4.60E-02	5.29E-02	6.87E-02	1.01E-01	2.57E-01	1.73E-01	3.24E-01	6.98E-01	1.06E-02	1.91E-01	4.61E-02	9.20E-03	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Acrolein	2.48E-03	3.66E-03	9.01E-03	1.60E-02	1.62E-02	2.19E-02	2.84E-02	3.27E-02	2.53E-04	8.57E-03	6.09E-03	1.29E-03	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Acrylonitrile	5.81E-06	8.19E-06	1.62E-05	3.45E-05	7.80E-05	7.92E-05	1.90E-04	2.43E-04	1.96E-07	7.78E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Arsenic Compounds	1.99E-06	2.67E-06	4.01E-06	8.62E-06	1.42E-05	2.05E-05	3.25E-05	4.20E-05	3.17E-06	1.37E-06	7.47E-06	2.23E-06	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Benzene	5.03E-01	5.08E-01	5.38E-01	5.82E-01	6.27E-01	6.72E-01	8.18E-01	9.01E-01	4.95E-03	4.88E-02	7.54E-02	1.82E-02	4.80E-01	
Oklahoma	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Beryllium Compounds	2.86E-08	6.52E-08	1.42E-07	3.62E-07	9.30E-07	1.21E-06	2.32E-06	3.36E-06	1.66E-07	3.18E-07	0.00E+00	4.46E-07	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	1,3-Butadiene	1.23E-03	1.43E-03	3.37E-03	5.47E-03	9.51E-03	1.06E-02	2.16E-02	3.91E-02	1.92E-05	2.17E-03	6.18E-03	1.14E-03	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Cadmium Compounds	6.48E-08	1.27E-07	2.87E-07	8.35E-07	3.07E-06	3.24E-06	7.12E-06	1.11E-05	1.65E-06	9.83E-07	0.00E+00	4.44E-07	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.78E-02	4.74E-02	4.83E-02	5.03E-02	4.40E-04	3.53E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	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	8.80E-01	8.81E-01	4.83E-04	5.61E-05	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	All Rural Counties	N/A	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.36E-02	8.52E-02	8.48E-02	8.85E-02	9.14E-02	5.98E-04	1.55E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	6.57E-07	1.15E-06	3.72E-06	1.19E-05	5.55E-05	5.21E-05	1.37E-04	2.59E-04	3.44E-05	1.56E-05	5.07E-06	3.77E-07	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Chromium VI	2.72E-07	4.59E-07	1.13E-06	3.47E-06	1.01E-05	1.24E-05	2.46E-05	3.62E-05	3.77E-06	4.17E-06	2.01E-06	1.28E-07	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-12	0.00E+00	0.00E+00	0.00E+00	2.01E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	1,4-Dichlorobenzene	2.66E-04	3.98E-04	9.30E-04	1.87E-03	3.91E-03	4.18E-03	9.30E-03	1.57E-02	1.70E-08	3.91E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	1,3-Dichloropropene	5.21E-04	7.77E-04	1.78E-03	3.64E-03	7.81E-03	8.22E-03	1.97E-02	3.14E-02	0.00E+00	7.81E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	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	1.03E-10	6.71E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.11E-02	6.12E-02	1.13E-04	1.01E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	All Rural Counties	N/A	R	Ethylene Oxide	5.85E-06	9.16E-06	2.11E-05	4.98E-05	1.99E-04	1.56E-04	5.82E-04	1.11E-03	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Formaldehyde	3.02E-01	3.13E-01	3.30E-01	3.57E-01	3.90E-01	4.02E-01	4.73E-01	5.16E-01	4.29E-03	8.08E-02	4.05E-02	1.49E-02	2.50E-01	
Oklahoma	All Rural Counties	N/A	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.37E-05	9.41E-05	0.00E+00	2.91E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	All Rural Counties	N/A	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.26E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	5.41E-07	2.51E-06	2.01E-07	1.43E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	7.19E-12	9.08E-11	1.31E-08	3.35E-10	2.44E-09	1.20E-08	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Lead Compounds	5.59E-06	1.20E-05	3.91E-05	1.01E-04	1.94E-03	3.86E-04	3.21E-03	8.21E-03	1.65E-03	1.63E-04	0.00E+00	1.28E-04	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Manganese Compounds														

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	All Rural Counties	N/A	R	7-PAH	6.04E-05	9.72E-05	2.24E-04	4.88E-04	5.18E-04	6.74E-04	9.86E-04	1.32E-03	5.35E-07	5.00E-04	1.31E-05	4.91E-06	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Propylene Dichloride	3.37E-07	4.30E-07	8.87E-07	1.79E-06	4.42E-06	4.24E-06	1.04E-05	1.54E-05	1.12E-08	4.41E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	2.14E-10	2.24E-09	4.33E-08	6.68E-09	2.95E-08	4.62E-08	0.00E+00	4.33E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.60E-06	2.78E-06	5.15E-06	1.23E-05	3.21E-05	3.05E-05	7.08E-05	1.15E-04	1.02E-07	3.20E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	All Rural Counties	N/A	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.17E-02	8.33E-02	8.36E-02	8.76E-02	9.06E-02	4.34E-04	1.86E-03	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	All Rural Counties	N/A	R	Vinyl Chloride	4.01E-06	7.12E-06	1.30E-05	3.17E-05	8.13E-05	7.67E-05	1.91E-04	2.89E-04	2.75E-07	8.10E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	Acetaldehyde	6.37E-02	6.37E-02	7.66E-02	1.05E-01	9.98E-02	1.15E-01	1.39E-01	1.39E-01	0.00E+00	3.22E-02	6.26E-02	5.02E-03	0.00E+00	
Oklahoma	Adair County	40001	R	Acrolein	1.42E-02	1.42E-02	1.48E-02	1.89E-02	1.93E-02	2.19E-02	2.67E-02	2.67E-02	0.00E+00	1.10E-02	7.54E-03	8.02E-04	0.00E+00	
Oklahoma	Adair County	40001	R	Acrylonitrile	4.03E-05	4.03E-05	4.18E-05	1.02E-04	9.82E-05	1.19E-04	1.89E-04	1.89E-04	0.00E+00	9.82E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	Arsenic Compounds	5.77E-06	5.77E-06	6.29E-06	9.55E-06	1.09E-05	1.11E-05	2.17E-05	2.17E-05	0.00E+00	1.02E-06	8.54E-06	1.32E-06	0.00E+00	
Oklahoma	Adair County	40001	R	Benzene	5.60E-01	5.60E-01	5.64E-01	6.00E-01	6.16E-01	6.17E-01	7.37E-01	7.37E-01	0.00E+00	5.08E-02	7.72E-02	7.52E-03	4.80E-01	
Oklahoma	Adair County	40001	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	
Oklahoma	Adair County	40001	R	Beryllium Compounds	2.23E-07	2.23E-07	3.86E-07	5.13E-07	6.91E-07	7.20E-07	1.61E-06	1.61E-06	0.00E+00	2.36E-07	0.00E+00	4.55E-07	0.00E+00	
Oklahoma	Adair County	40001	R	1,3-Butadiene	5.46E-03	5.46E-03	5.51E-03	5.52E-03	8.55E-03	5.57E-03	2.07E-02	2.07E-02	0.00E+00	3.10E-03	5.02E-03	4.35E-04	0.00E+00	
Oklahoma	Adair County	40001	R	Cadmium Compounds	5.81E-07	5.81E-07	2.25E-06	2.44E-06	2.21E-06	2.86E-06	2.92E-06	2.92E-06	0.00E+00	1.76E-06	0.00E+00	4.54E-07	0.00E+00	
Oklahoma	Adair County	40001	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	4.76E-02	4.76E-02	0.00E+00	2.44E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Adair County	40001	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	5.28E-05	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Adair County	40001	R	Chloroform	8.37E-02	8.37E-02	8.39E-02	8.43E-02	8.42E-02	8.45E-02	8.46E-02	8.46E-02	0.00E+00	1.20E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Adair County	40001	R	Chromium Compounds (includes Hexavalent)	3.66E-06	3.66E-06	1.23E-05	3.27E-05	4.89E-05	9.57E-05	1.00E-04	1.00E-04	0.00E+00	4.34E-05	5.32E-06	1.87E-07	0.00E+00	
Oklahoma	Adair County	40001	R	Chromium VI	1.52E-06	1.52E-06	5.24E-06	1.15E-05	1.74E-05	3.36E-05	3.52E-05	3.52E-05	0.00E+00	1.52E-05	2.11E-06	6.34E-08	0.00E+00	
Oklahoma	Adair County	40001	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	
Oklahoma	Adair County	40001	R	1,4-Dichlorobenzene	1.73E-03	1.73E-03	1.96E-03	2.83E-03	3.32E-03	3.62E-03	6.49E-03	6.49E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	1,3-Dichloropropene	3.37E-03	3.37E-03	3.74E-03	5.35E-03	6.45E-03	6.81E-03	1.30E-02	1.30E-02	0.00E+00	6.45E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	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	5.32E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Adair County	40001	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	1.03E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Adair County	40001	R	Ethylene Oxide	2.16E-05	2.16E-05	3.55E-05	5.72E-05	6.96E-05	6.74E-05	1.66E-04	1.66E-04	0.00E+00	6.96E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	Formaldehyde	3.35E-01	3.35E-01	3.42E-01	3.61E-01	3.68E-01	3.72E-01	4.32E-01	4.32E-01	8.20E-05	5.90E-02	4.99E-02	9.29E-03	2.50E-01	
Oklahoma	Adair County	40001	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.33E-05	9.40E-05	9.40E-05	0.00E+00	3.39E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Adair County	40001	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	2.96E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Adair County	40001	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	
Oklahoma	Adair County	40001	R	Hydrazine	3.05E-11	3.05E-11	1.01E-10	1.64E-10	2.04E-10	2.51E-10	4.76E-10	4.76E-10	0.00E+00	2.04E-10	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	Lead Compounds	1.56E-05	1.56E-05	8.17E-05	9.03E-05	1.37E-04	1.64E-04	3.34E-04	3.34E-04	5.82E-05	2.01E-05	0.00E+00	5.87E-05	0.00E+00	
Oklahoma	Adair County	40001	R	Manganese Compounds	2.26E-06	2.26E-06	2.54E-06	3.89E-06	4.85E-06	4.50E-06	1.11E-05	1.11E-05	0.00E+00	3.02E-06	1.68E-06	1.50E-07	0.00E+00	
Oklahoma	Adair County	40001	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	2.27E-07	1.51E-06	9.88E-06	1.63E-06	1.50E-03	
Oklahoma	Adair County	40001	R	Methylene Chloride	1.56E-01	1.56E-01	1.57E-01	1.62E-01	1.67E-01	1.67E-01	1.94E-01	1.94E-01	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Adair County	40001	R	Nickel Compounds	1.34E-05	1.34E-05	1.25E-04	4.61E-04	3.44E-04	4.65E-04	6.56E-04	6.56E-04	0.00E+00	3.40E-04	4.01E-06	2.77E-07	0.00E+00	
Oklahoma	Adair County	40001	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.46E-01	1.46E-01	1.47E-01	1.49E-01	1.49E-01	0.00E+00	5.83E-03	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Adair County	40001	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.91E-04	4.05E-04	4.18E-04	4.07E-04	5.00E-04	5.00E-04	0.00E+00	3.80E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Adair County	40001	R	Polycyclic Organic Matter	5.61E-03	5.61E-03	5.69E-03	7.77E-03	8.98E-03	8.91E-03	1.69E-02	1.69E-02	0.00E+00	6.81E-03	1.97E-03	2.02E-04	0.00E+00	
Oklahoma	Adair County	40001	R	7-PAH	5.18E-04	5.18E-04	5.39E-04	6.30E-04	7.61E-04	6.57E-04	1.46E-03	1.46E-03	0.00E+00	7.45E-04	1.42E-05	2.25E-06	0.00E+00	
Oklahoma	Adair County	40001	R	Propylene Dichloride	2.33E-06	2.33E-06	2.37E-06	4.73E-06	5.50E-06	6.91E-06	1.12E-05	1.12E-05	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	Quinoline	1.07E-09	1.07E-09	4.06E-09	5.90E-09	8.34E-09	1.31E-08	1.76E-08	1.76E-08	0.00E+00	8.34E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	1,1,2,2-Tetrachloroethane	1.95E-05	1.95E-05	2.02E-05	3.02E-05	4.52E-05	5.82E-05	9.80E-05	9.80E-05	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Adair County	40001	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.36E-02	8.32E-02	8.42E-02	8.53E-02	8.53E-02	9.55E-04	1.22E-03	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Adair County	40001	R	Vinyl Chloride	4.81E-05	4.81E-05	4.99E-05	7.48E-05	1.12E-04	1.44E-04	2.42E-04	2.42E-04	7.41E-09	1.12E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Acetaldehyde	6.26E-02	6.26E-02	6.26E-02	1.33E-01	1.35E-01	2.09E-01	2.09E-01	2.09E-01	0.00E+00	1.13E-01	4.08E-03	1.76E-02	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Acrolein	1.38E-03	1.38E-03	1.38E-03	2.16E-03	2.03E-03	2.53E-03	2.53E-03	2.53E-03	0.00E+00	8.54E-04	6.07E-04	5.65E-04	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Acrylonitrile	4.44E-06	4.44E-06	4.44E-06	7.22E-06	6.96E-06	9.20E-06	9.20E-06	9.20E-06	0.00E+00	6.96E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Arsenic Compounds	2.39E-06	2.39E-06	2.39E-06	4.14E-06	3.67E-06	4.49E-06	4.49E-06	4.49E-06	0.00E+00	4.73E-07	7.13E-07	2.49E-06	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Benzene	4.99E-01	4.99E-01	4.99E-01	5.05E-01	5.04E-01	5.08E-01	5.08E-01	5.08E-01	1.14E-03	9.84E-03	6.48E-03	6.61E-03	4.80E-01	
Oklahoma	Alfalfa County	40003	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	
Oklahoma	Alfalfa County	40003	R	Beryllium Compounds	1.51E-07	1.51E-07	1.51E-07	1.82E-07	2.67E-07	4.69E-07	4.69E-07	4.69E-07	0.00E+00	1.56E-08	0.00E+00	2.52E-07	0.00E+00	
Oklahoma	Alfalfa County	40003	R	1,3-Butadiene	7.32E-04	7.32E-04	7.32E-04	9.30E-04	9.93E-04	1.32E-03	1.32E-03	1.32E-03	0.00E+00	9.19E-05	4.73E-04	4.28E-04	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Cadmium Compounds	1.71E-07	1.71E-07	1.71E-07	7.91E-07	7.42E-07	1.26E-06	1.26E-06	1.26E-06	0.00E+00	4.92E-07	0.00E+00	2.51E-07	0.00E+00	
Oklahoma	Alfalfa County	40003	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	1.44E-05	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Alfalfa County	40003	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.73E-06	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Alfalfa County	40003	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-									

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

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			
Oklahoma	Alfalfa County	40003	R	Ethylene Oxide	2.06E-06	2.06E-06	2.06E-06	3.41E-06	5.07E-06	9.75E-06	9.75E-06	9.75E-06	9.75E-06	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Formaldehyde	2.83E-01	2.83E-01	2.83E-01	3.06E-01	3.11E-01	3.43E-01	3.43E-01	3.43E-01	0.00E+00	3.41E-02	3.61E-03	2.30E-02	2.50E-01			
Oklahoma	Alfalfa County	40003	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	9.31E-05	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Alfalfa County	40003	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	1.80E-03	0.00E+00	2.18E-09	0.00E+00	0.00E+00	1.80E-03		
Oklahoma	Alfalfa County	40003	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	0.00E+00	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Alfalfa County	40003	R	Lead Compounds	6.71E-06	6.71E-06	6.71E-06	2.57E-05	2.39E-05	3.92E-05	3.92E-05	3.92E-05	3.92E-05	0.00E+00	1.30E-05	0.00E+00	1.08E-05	0.00E+00		
Oklahoma	Alfalfa County	40003	R	Manganese Compounds	3.72E-07	3.72E-07	3.72E-07	1.01E-06	8.60E-07	1.20E-06	1.20E-06	1.20E-06	1.20E-06	0.00E+00	5.22E-07	1.26E-07	2.12E-07	0.00E+00		
Oklahoma	Alfalfa County	40003	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	1.50E-03	0.00E+00	9.15E-08	8.28E-07	2.44E-06	1.50E-03		
Oklahoma	Alfalfa County	40003	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.50E-01		
Oklahoma	Alfalfa County	40003	R	Nickel Compounds	8.02E-07	8.02E-07	8.02E-07	3.33E-06	2.73E-06	4.06E-06	4.06E-06	4.06E-06	0.00E+00	2.08E-06	3.21E-07	3.33E-07	0.00E+00			
Oklahoma	Alfalfa County	40003	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	3.48E-04	0.00E+00	0.00E+00	1.40E-01		
Oklahoma	Alfalfa County	40003	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	2.93E-06	0.00E+00	0.00E+00	3.80E-04		
Oklahoma	Alfalfa County	40003	R	Polycyclic Organic Matter	6.82E-04	6.82E-04	6.82E-04	1.13E-03	1.18E-03	1.71E-03	1.71E-03	1.71E-03	1.92E-04	6.83E-04	1.66E-04	1.35E-04	0.00E+00			
Oklahoma	Alfalfa County	40003	R	7-PAH	4.34E-05	4.34E-05	4.34E-05	6.28E-05	6.07E-05	7.57E-05	7.57E-05	7.57E-05	0.00E+00	5.76E-05	1.17E-06	1.93E-06	0.00E+00			
Oklahoma	Alfalfa County	40003	R	Propylene Dichloride	2.49E-07	2.49E-07	2.49E-07	3.94E-07	3.84E-07	5.08E-07	5.08E-07	5.08E-07	0.00E+00	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Oklahoma	Alfalfa County	40003	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Alfalfa County	40003	R	1,1,2,2-Tetrachloroethane	2.10E-06	2.10E-06	2.10E-06	3.24E-06	3.19E-06	4.22E-06	4.22E-06	4.22E-06	4.22E-06	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Alfalfa County	40003	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	8.11E-02	0.00E+00	1.03E-04	0.00E+00	0.00E+00	8.10E-02		
Oklahoma	Alfalfa County	40003	R	Vinyl Chloride	5.18E-06	5.18E-06	5.18E-06	7.86E-06	7.86E-06	1.04E-05	1.04E-05	1.04E-05	1.04E-05	0.00E+00	7.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Atoka County	40005	R	Acetaldehyde	3.56E-02	3.56E-02	3.59E-02	3.72E-02	4.07E-02	4.54E-02	5.26E-02	5.26E-02	0.00E+00	2.14E-02	1.57E-02	3.65E-03	0.00E+00			
Oklahoma	Atoka County	40005	R	Acrolein	9.15E-03	9.15E-03	9.94E-03	1.09E-02	1.07E-02	1.14E-02	1.16E-02	1.16E-02	0.00E+00	7.88E-03	2.18E-03	5.99E-04	0.00E+00			
Oklahoma	Atoka County	40005	R	Acrylonitrile	3.68E-06	3.68E-06	5.83E-06	1.40E-05	1.40E-05	2.21E-05	2.42E-05	2.42E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Atoka County	40005	R	Arsenic Compounds	1.99E-06	1.99E-06	2.38E-06	2.98E-06	2.90E-06	3.41E-06	3.64E-06	3.64E-06	0.00E+00	1.93E-07	2.00E-06	7.07E-07	0.00E+00			
Oklahoma	Atoka County	40005	R	Benzene	5.16E-01	5.16E-01	5.21E-01	5.28E-01	5.32E-01	5.43E-01	5.56E-01	5.56E-01	4.68E-06	2.57E-02	1.88E-02	7.46E-03	4.80E-01			
Oklahoma	Atoka County	40005	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	0.00E+00	
Oklahoma	Atoka County	40005	R	Beryllium Compounds	7.19E-08	7.19E-08	1.83E-07	3.16E-07	3.16E-07	4.49E-07	5.60E-07	5.60E-07	0.00E+00	5.22E-08	0.00E+00	2.64E-07	0.00E+00			
Oklahoma	Atoka County	40005	R	1,3-Butadiene	2.33E-03	2.33E-03	2.44E-03	2.89E-03	2.97E-03	3.49E-03	3.75E-03	3.75E-03	0.00E+00	1.71E-03	9.27E-04	3.26E-04	0.00E+00			
Oklahoma	Atoka County	40005	R	Cadmium Compounds	1.29E-07	1.29E-07	2.38E-07	3.84E-07	3.96E-07	5.55E-07	6.88E-07	6.88E-07	0.00E+00	1.33E-07	0.00E+00	2.63E-07	0.00E+00			
Oklahoma	Atoka County	40005	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	0.00E+00	6.08E-05	0.00E+00	0.00E+00	4.70E-02			
Oklahoma	Atoka County	40005	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	1.60E-05	0.00E+00	0.00E+00	8.80E-01			
Oklahoma	Atoka County	40005	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.34E-04	0.00E+00	0.00E+00	8.30E-02			
Oklahoma	Atoka County	40005	R	Chromium Compounds (includes Hexavalent)	9.46E-07	9.46E-07	1.16E-06	1.69E-06	1.99E-06	2.83E-06	3.65E-06	3.65E-06	4.53E-07	1.33E-07	1.28E-06	1.31E-07	0.00E+00			
Oklahoma	Atoka County	40005	R	Chromium VI	3.82E-07	3.82E-07	4.67E-07	6.95E-07	7.81E-07	1.09E-06	1.35E-06	1.35E-06	1.54E-07	7.36E-08	5.09E-07	4.46E-08	0.00E+00			
Oklahoma	Atoka County	40005	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	0.00E+00	
Oklahoma	Atoka County	40005	R	1,4-Dichlorobenzene	6.69E-04	6.69E-04	6.91E-04	8.01E-04	9.94E-04	1.30E-03	1.70E-03	1.70E-03	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Atoka County	40005	R	1,3-Dichloropropene	1.26E-03	1.26E-03	1.33E-03	1.56E-03	1.94E-03	2.55E-03	3.38E-03	3.38E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Atoka County	40005	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	5.02E-09	0.00E+00	0.00E+00	7.70E-03			
Oklahoma	Atoka County	40005	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	1.14E-06	0.00E+00	0.00E+00	6.10E-02			
Oklahoma	Atoka County	40005	R	Ethylene Oxide	7.87E-06	7.87E-06	1.18E-05	1.74E-05	3.58E-05	5.99E-05	1.01E-04	1.01E-04	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Atoka County	40005	R	Formaldehyde	3.01E-01	3.01E-01	3.02E-01	3.03E-01	3.07E-01	3.12E-01	3.20E-01	3.20E-01	1.37E-06	3.95E-02	1.17E-02	5.55E-03	2.50E-01			
Oklahoma	Atoka County	40005	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	9.98E-08	0.00E+00	0.00E+00	9.30E-05			
Oklahoma	Atoka County	40005	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	9.44E-09	0.00E+00	0.00E+00	1.80E-03			
Oklahoma	Atoka County	40005	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	0.00E+00	0.00E+00	
Oklahoma	Atoka County	40005	R	Hydrazine	0.00E+00	0.00E+00	1.99E-12	4.83E-12	7.38E-12	1.28E-11	1.99E-11	1.99E-11	0.00E+00	7.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Atoka County	40005	R	Lead Compounds	5.59E-06	5.59E-06	1.09E-05	2.26E-05	1.72E-03	3.42E-03	6.81E-03	6.81E-03	1.69E-03	6.46E-06	0.00E+00	1.75E-05	0.00E+00			
Oklahoma	Atoka County	40005	R	Manganese Compounds	6.47E-07	6.47E-07	7.46E-07	8.64E-07	1.01E-06	1.27E-06	1.66E-06	1.66E-06	0.00E+00	5.35E-07	3.86E-07	8.89E-08	0.00E+00			
Oklahoma	Atoka County	40005	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	5.05E-07	2.29E-06	9.03E-07	1.50E-03			
Oklahoma	Atoka County	40005	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.55E-01	1.56E-01	1.60E-01	1.60E-01	0.00E+00	4.53E-03	0.00E+00	0.00E+00	1.50E-01			
Oklahoma	Atoka County	40005	R	Nickel Compounds	1.81E-06	1.81E-06	2.29E-06	2.84E-06	4.47E-06	6.65E-06	1.04E-05	1.04E-05	0.00E+00	3.34E-06	9.63E-07	1.66E-07	0.00E+00			
Oklahoma	Atoka County	40005	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	3.41E-06	7.08E-04	0.00E+00	0.00E+00	1.40E-01			
Oklahoma	Atoka County	40005	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.85E-04	3.86E-04	3.90E-04	3.96E-04	4.04E-04	4.04E-04	0.00E+00	1.01E-05	0.00E+00	0.00E+00	3.80E-04			
Oklahoma	Atoka County	40005	R	Polycyclic Organic Matter	2.13E-03	2.13E-03	2.28E-03	2.51E-03	3.0											

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

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		
Oklahoma	Beaver County	40007	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	0.00E+00
Oklahoma	Beaver County	40007	R	Beryllium Compounds	5.82E-09	5.82E-09	5.82E-09	3.50E-08	5.49E-08	1.24E-07	1.24E-07	1.24E-07	0.00E+00	4.88E-08	0.00E+00	6.12E-09	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	1,3-Butadiene	2.28E-03	2.28E-03	2.28E-03	4.21E-03	5.68E-03	1.06E-02	1.06E-02	1.06E-02	0.00E+00	3.27E-03	2.03E-03	3.80E-04	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Cadmium Compounds	1.85E-08	1.85E-08	1.85E-08	1.33E-07	1.38E-07	2.61E-07	2.61E-07	2.61E-07	0.00E+00	1.31E-07	0.00E+00	6.06E-09	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	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	4.66E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Beaver County	40007	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	1.25E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Beaver County	40007	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Beaver County	40007	R	Chromium Compounds (includes Hexavalent)	8.22E-07	8.22E-07	8.22E-07	4.31E-06	3.71E-06	5.99E-06	5.99E-06	5.99E-06	0.00E+00	2.09E-06	1.38E-06	2.40E-07	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Chromium VI	2.97E-07	2.97E-07	2.97E-07	1.50E-06	1.35E-06	2.25E-06	2.25E-06	2.25E-06	0.00E+00	7.33E-07	5.33E-07	8.15E-08	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	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	
Oklahoma	Beaver County	40007	R	1,4-Dichlorobenzene	1.62E-04	1.62E-04	1.62E-04	3.08E-04	9.44E-04	2.36E-03	2.36E-03	2.36E-03	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	1,3-Dichloropropene	3.16E-04	3.16E-04	3.16E-04	6.11E-04	1.91E-03	4.80E-03	4.80E-03	4.80E-03	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	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	1.24E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Beaver County	40007	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	4.07E-07	0.00E+00	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Beaver County	40007	R	Ethylene Oxide	6.89E-06	6.89E-06	6.89E-06	1.89E-05	5.08E-05	1.27E-04	1.27E-04	1.27E-04	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Formaldehyde	3.48E-01	3.48E-01	3.48E-01	3.50E-01	3.62E-01	3.89E-01	3.89E-01	3.89E-01	1.07E-02	7.69E-02	9.29E-03	1.54E-02	2.50E-01	0.00E+00	
Oklahoma	Beaver County	40007	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.54E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Beaver County	40007	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	7.48E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Beaver County	40007	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	0.00E+00	
Oklahoma	Beaver County	40007	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-14	3.45E-14	3.45E-14	3.45E-14	0.00E+00	1.15E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Lead Compounds	1.30E-05	1.30E-05	1.30E-05	4.09E-05	4.66E-05	8.60E-05	8.60E-05	8.60E-05	0.00E+00	1.95E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Manganese Compounds	7.34E-07	7.34E-07	7.34E-07	5.43E-06	4.02E-06	5.91E-06	5.91E-06	5.91E-06	0.00E+00	3.23E-06	4.23E-07	3.75E-07	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	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	0.00E+00	3.30E-07	2.92E-06	2.09E-06	1.50E-03	0.00E+00	
Oklahoma	Beaver County	40007	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.55E-01	1.62E-01	1.62E-01	1.62E-01	0.00E+00	4.60E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Oklahoma	Beaver County	40007	R	Nickel Compounds	7.88E-07	7.88E-07	7.88E-07	4.00E-06	5.02E-06	1.03E-05	1.03E-05	1.03E-05	0.00E+00	3.63E-06	1.05E-06	3.41E-07	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	9.56E-04	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Oklahoma	Beaver County	40007	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.92E-04	4.12E-04	4.12E-04	4.12E-04	0.00E+00	1.17E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Oklahoma	Beaver County	40007	R	Polycyclic Organic Matter	1.28E-03	1.28E-03	1.28E-03	2.30E-03	5.33E-03	1.24E-02	1.24E-02	1.24E-02	2.28E-07	4.70E-03	5.17E-04	1.13E-04	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	7-PAH	2.28E-04	2.28E-04	2.28E-04	4.24E-04	4.20E-04	6.08E-04	6.08E-04	6.08E-04	0.00E+00	4.15E-04	3.86E-06	8.90E-07	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Propylene Dichloride	1.63E-07	1.63E-07	1.63E-07	1.78E-07	2.57E-07	4.30E-07	4.30E-07	4.30E-07	0.00E+00	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-13	5.42E-13	5.42E-13	5.42E-13	0.00E+00	1.81E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	1,1,2,2-Tetrachloroethane	1.03E-06	1.03E-06	1.03E-06	1.35E-06	1.25E-06	1.37E-06	1.37E-06	1.37E-06	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beaver County	40007	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.13E-02	8.17E-02	8.17E-02	8.17E-02	0.00E+00	2.73E-04	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Oklahoma	Beaver County	40007	R	Vinyl Chloride	2.60E-06	2.60E-06	2.60E-06	3.32E-06	3.10E-06	3.37E-06	3.37E-06	3.37E-06	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Acetaldehyde	3.74E-01	3.74E-01	3.76E-01	9.91E-01	1.37E+00	2.37E+00	2.37E+00	2.37E+00	0.00E+00	1.34E+00	2.59E-02	6.73E-03	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Acrolein	3.94E-03	3.94E-03	4.12E-03	6.08E-03	6.04E-03	7.95E-03	8.05E-03	8.05E-03	0.00E+00	3.40E-03	2.34E-03	3.00E-04	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Acrylonitrile	1.31E-05	1.31E-05	1.45E-05	1.66E-05	3.36E-05	5.28E-05	8.83E-05	8.83E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Arsenic Compounds	2.76E-06	2.76E-06	2.84E-06	6.07E-06	6.03E-06	9.23E-06	9.23E-06	9.23E-06	0.00E+00	3.67E-07	4.34E-06	1.33E-06	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Benzene	5.06E-01	5.06E-01	5.09E-01	5.51E-01	5.50E-01	5.91E-01	5.91E-01	5.91E-01	5.50E-04	2.18E-02	4.22E-02	5.12E-03	4.80E-01	0.00E+00	
Oklahoma	Beckham County	40009	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	
Oklahoma	Beckham County	40009	U	Beryllium Compounds	2.20E-08	2.20E-08	2.37E-08	1.03E-07	1.82E-07	1.82E-07	1.82E-07	1.82E-07	0.00E+00	9.87E-08	0.00E+00	3.96E-09	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	1,3-Butadiene	2.04E-03	2.04E-03	2.30E-03	6.40E-03	6.28E-03	1.03E-02	1.03E-02	1.03E-02	0.00E+00	1.32E-03	4.50E-03	4.59E-04	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Cadmium Compounds	4.16E-08	4.16E-08	4.89E-08	3.16E-07	3.54E-07	6.59E-07	7.43E-07	7.43E-07	0.00E+00	3.50E-07	0.00E+00	3.92E-09	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	8.25E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Oklahoma	Beckham County	40009	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.64E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Oklahoma	Beckham County	40009	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.37E-02	8.37E-02	8.43E-02	8.43E-02	8.43E-02	0.00E+00	7.08E-04	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Oklahoma	Beckham County	40009	U	Chromium Compounds (includes Hexavalent)	1.21E-06	1.21E-06	1.25E-06	3.24E-06	3.22E-06	5.19E-06	5.19E-06	5.19E-06	0.00E+00	2.38E-07	2.89E-06	8.81E-08	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Chromium VI	4.90E-07	4.90E-07	5.00E-07	1.31E-06	1.31E-06	2.11E-06	2.12E-06	2.12E-06	0.00E+00	1.31E-07	1.15E-06	2.99E-08	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	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	
Oklahoma	Beckham County	40009	U	1,4-Dichlorobenzene	1.69E-04	1.69E-04	3.06E-04	1.49E-03	1.43E-03	2.55E-03	2.55E-03	2.55E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	1,3-Dichloropropene	3.29E-04	3.29E-04	5.99E-04	3.02E-03	2.89E-03	5.18E-03	5.18E-03	5.18E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	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	2.01E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Oklahoma	Beckham County	40009	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	3.65E-06	0.00E+00	0.00E+00	6		

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Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	Beckham County	40009	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Beckham County	40009	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.85E-04	3.85E-04	3.89E-04	3.89E-04	3.89E-04	0.00E+00	5.23E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Beckham County	40009	U	Polycyclic Organic Matter	9.40E-04	9.40E-04	1.22E-03	3.30E-03	3.17E-03	5.11E-03	5.12E-03	5.12E-03	0.00E+00	1.99E-03	1.09E-03	9.27E-05	0.00E+00	
Oklahoma	Beckham County	40009	U	7-PAH	7.94E-05	7.94E-05	1.09E-04	1.87E-04	1.74E-04	2.39E-04	2.42E-04	2.42E-04	0.00E+00	1.66E-04	7.40E-06	7.47E-07	0.00E+00	
Oklahoma	Beckham County	40009	U	Propylene Dichloride	7.27E-07	7.27E-07	7.53E-07	7.92E-07	1.91E-06	3.06E-06	5.32E-06	5.32E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Quinoline	1.99E-10	1.99E-10	6.69E-10	5.79E-09	5.56E-09	1.05E-08	1.05E-08	1.05E-08	0.00E+00	5.56E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	1,1,2,2-Tetrachloroethane	3.17E-06	3.17E-06	3.53E-06	5.42E-06	1.56E-05	2.76E-05	4.83E-05	4.83E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Beckham County	40009	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.17E-02	8.16E-02	8.21E-02	8.21E-02	8.21E-02	0.00E+00	6.17E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Beckham County	40009	U	Vinyl Chloride	8.16E-06	8.16E-06	9.04E-06	1.35E-05	3.85E-05	6.80E-05	1.19E-04	1.19E-04	0.00E+00	3.85E-05	0.00E+00	0.00E+00	8.00E-06	
Oklahoma	Blaine County	40011	R	Acetaldehyde	8.96E-02	8.96E-02	9.72E-02	9.73E-02	1.29E-01	1.13E-01	2.49E-01	2.49E-01	5.18E-04	1.10E-01	1.10E-02	7.21E-03	0.00E+00	
Oklahoma	Blaine County	40011	R	Acrolein	1.86E-03	1.86E-03	2.35E-03	3.01E-03	2.84E-03	3.49E-03	3.51E-03	3.51E-03	0.00E+00	1.21E-03	1.26E-03	3.71E-04	0.00E+00	
Oklahoma	Blaine County	40011	R	Acrylonitrile	1.40E-05	1.40E-05	1.49E-05	1.68E-05	7.73E-05	6.35E-05	2.77E-04	2.77E-04	1.60E-07	7.72E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	R	Arsenic Compounds	2.55E-06	2.55E-06	2.69E-06	2.98E-06	4.34E-06	6.73E-06	6.74E-06	6.74E-06	0.00E+00	3.02E-07	2.16E-06	1.87E-06	0.00E+00	
Oklahoma	Blaine County	40011	R	Benzene	4.99E-01	4.99E-01	5.03E-01	5.06E-01	5.16E-01	5.36E-01	5.38E-01	5.38E-01	3.20E-03	9.72E-03	1.82E-02	5.25E-03	4.80E-01	
Oklahoma	Blaine County	40011	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	
Oklahoma	Blaine County	40011	R	Beryllium Compounds	2.54E-08	2.54E-08	5.11E-08	5.98E-08	6.76E-08	1.01E-07	1.01E-07	1.01E-07	0.00E+00	5.10E-08	0.00E+00	1.66E-08	0.00E+00	
Oklahoma	Blaine County	40011	R	1,3-Butadiene	9.06E-04	9.06E-04	1.32E-03	1.37E-03	2.49E-03	4.41E-03	4.42E-03	4.42E-03	0.00E+00	3.47E-04	1.76E-03	3.77E-04	0.00E+00	
Oklahoma	Blaine County	40011	R	Cadmium Compounds	4.48E-08	4.48E-08	8.54E-08	2.06E-07	2.19E-07	2.06E-07	5.54E-07	5.54E-07	0.00E+00	2.03E-07	0.00E+00	1.65E-08	0.00E+00	
Oklahoma	Blaine County	40011	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	4.30E-05	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Blaine County	40011	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	9.10E-06	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Blaine County	40011	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.05E-04	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Blaine County	40011	R	Chromium Compounds (includes Hexavalent)	6.57E-07	6.57E-07	1.44E-06	2.84E-06	2.53E-06	2.87E-06	4.82E-06	4.82E-06	2.34E-07	9.83E-07	1.25E-06	5.47E-08	0.00E+00	
Oklahoma	Blaine County	40011	R	Chromium VI	2.72E-07	2.72E-07	4.98E-07	5.55E-07	7.15E-07	1.12E-06	1.13E-06	1.13E-06	7.96E-08	1.28E-07	4.89E-07	1.86E-08	0.00E+00	
Oklahoma	Blaine County	40011	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	
Oklahoma	Blaine County	40011	R	1,4-Dichlorobenzene	2.95E-04	2.95E-04	3.19E-04	3.98E-04	1.01E-03	2.01E-03	2.04E-03	2.04E-03	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	R	1,3-Dichloropropene	5.86E-04	5.86E-04	6.26E-04	7.77E-04	2.03E-03	4.08E-03	4.09E-03	4.09E-03	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	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	4.15E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Blaine County	40011	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	9.03E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Blaine County	40011	R	Ethylene Oxide	4.39E-06	4.39E-06	7.81E-06	1.48E-05	2.56E-05	5.04E-05	5.05E-05	5.05E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	R	Formaldehyde	3.03E-01	3.03E-01	3.14E-01	3.14E-01	3.25E-01	3.22E-01	3.69E-01	3.69E-01	3.63E-04	5.33E-02	1.00E-02	1.08E-02	2.50E-01	
Oklahoma	Blaine County	40011	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	1.27E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Blaine County	40011	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	5.32E-09	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Blaine County	40011	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	
Oklahoma	Blaine County	40011	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	5.10E-18	3.41E-18	5.85E-18	6.11E-18	6.11E-18	0.00E+00	3.41E-18	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	R	Lead Compounds	4.65E-06	4.65E-06	1.66E-05	1.85E-05	1.55E-05	1.86E-05	1.88E-05	1.88E-05	0.00E+00	8.51E-06	0.00E+00	6.94E-06	0.00E+00	
Oklahoma	Blaine County	40011	R	Manganese Compounds	5.44E-07	5.44E-07	7.60E-07	2.50E-05	1.69E-05	2.65E-05	3.18E-05	3.18E-05	2.26E-07	1.62E-05	3.97E-07	1.48E-07	0.00E+00	
Oklahoma	Blaine County	40011	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	5.99E-07	2.54E-06	1.61E-06	1.50E-03	
Oklahoma	Blaine County	40011	R	Methylene Chloride	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.54E-01	1.57E-01	1.57E-01	1.57E-01	0.00E+00	3.82E-03	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Blaine County	40011	R	Nickel Compounds	1.93E-06	1.93E-06	2.91E-06	3.70E-06	6.24E-06	1.13E-05	1.14E-05	1.14E-05	2.09E-07	4.86E-06	9.57E-07	2.17E-07	0.00E+00	
Oklahoma	Blaine County	40011	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	0.00E+00	7.57E-04	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Blaine County	40011	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.84E-04	3.87E-04	3.93E-04	3.93E-04	3.93E-04	0.00E+00	6.92E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Blaine County	40011	R	Polycyclic Organic Matter	8.73E-04	8.73E-04	8.88E-04	1.10E-03	1.84E-03	3.16E-03	3.17E-03	3.17E-03	4.06E-05	1.23E-03	4.79E-04	9.13E-05	0.00E+00	
Oklahoma	Blaine County	40011	R	7-PAH	4.50E-05	4.50E-05	7.29E-05	7.92E-05	9.61E-05	1.41E-04	1.42E-04	1.42E-04	0.00E+00	9.17E-05	3.35E-06	1.10E-06	0.00E+00	
Oklahoma	Blaine County	40011	R	Propylene Dichloride	7.96E-07	7.96E-07	8.74E-07	9.70E-07	4.58E-06	3.66E-06	1.66E-05	1.66E-05	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	8.48E-17	6.01E-17	1.07E-16	1.09E-16	1.09E-16	0.00E+00	6.01E-17	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	R	1,1,2,2-Tetrachloroethane	6.86E-06	6.86E-06	7.76E-06	8.56E-06	4.12E-05	3.20E-05	1.51E-04	1.51E-04	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Blaine County	40011	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.14E-02	8.17E-02	8.19E-02	8.19E-02	2.64E-07	4.01E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Blaine County	40011	R	Vinyl Chloride	1.69E-05	1.69E-05	1.91E-05	2.11E-05	1.01E-04	7.88E-05	3.71E-04	3.71E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Acetaldehyde	4.88E-02	5.40E-02	8.21E-02	1.40E-01	1.26E-01	1.74E-01	1.79E-01	1.82E-01	0.00E+00	3.75E-02	7.69E-02	1.12E-02	0.00E+00	
Oklahoma	Bryan County	40013	R	Acrolein	9.59E-03	1.02E-02	1.36E-02	2.06E-02	2.08E-02	2.65E-02	3.25E-02	3.36E-02	0.00E+00	9.47E-03	9.37E-03	1.93E-03	0.00E+00	
Oklahoma	Bryan County	40013	R	Acrylonitrile	3.01E-05	3.94E-05	5.47E-05	7.98E-05	1.77E-04	1.90E-04	5.25E-04	6.01E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Arsenic Compounds	3.34E-06	3.97E-06	6.58E-06	1.69E-05	1.94E-05	2.86E-05	4.23E-05	4.81E-05	0.00E+00	3.60E-06	1.30E-05	2.85E-06	0.00E+00	
Oklahoma	Bryan County	40013	R	Benzene	5.26E-01	5.32E-01	5.69E-01	7.09E-01	7.38E-01	8.54E-01	1.02E+00	1.05E+00	4.00E-07	7.56E-02	1.49E-01	3.34E-02	4.80E-01	
Oklahoma	Bryan County	40013	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	
Oklahoma	Bryan County	40013	R	Beryllium Compounds	6.52E-08	1.49E-07	3.50E-07	1.24E-06	1.90E-06	2.05E-06	5.75E-06	7.32E-06	0.00E+00	9.64E-07	0.00E+00	9.35E-07	0.00E+00	
Oklahoma	Bryan County	40013	R	1,3-Butadiene	3.15E-03	3.59E-03	4.12E-03	1.71E-02	1.96E-02	3.11E-02	4.21E-02	4.43E-02	0.00E+00	2.27E-03	1.48E-02	2.50E-03	0.00E+00	
Oklahoma	Bryan County	40013	R	Cadmium Compounds	1.15E-07	2.51E-07												

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

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		
Oklahoma	Bryan County	40013	R	1,3-Dichloropropene	1.41E-03	1.57E-03	4.14E-03	1.13E-02	1.78E-02	2.51E-02	4.94E-02	5.17E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	9.31E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Bryan County	40013	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	0.00E+00	2.94E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Bryan County	40013	R	Ethylene Oxide	2.82E-05	4.52E-05	1.50E-04	5.12E-04	4.82E-04	7.17E-04	9.71E-04	1.11E-03	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Formaldehyde	3.12E-01	3.15E-01	3.31E-01	3.90E-01	3.93E-01	4.40E-01	4.83E-01	4.94E-01	1.95E-09	5.03E-02	7.30E-02	1.97E-02	2.50E-01	0.00E+00	
Oklahoma	Bryan County	40013	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.35E-05	9.40E-05	9.42E-05	9.42E-05	0.00E+00	5.35E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Bryan County	40013	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	1.80E-03	0.00E+00	8.85E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Bryan County	40013	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	5.66E-07	5.97E-07	6.12E-07	1.56E-06	2.45E-06	0.00E+00	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Hydrazine	3.98E-11	8.91E-11	1.69E-10	1.87E-09	9.63E-09	7.98E-09	3.97E-08	6.90E-08	0.00E+00	9.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Lead Compounds	4.03E-06	6.89E-06	4.75E-05	1.55E-04	1.47E-04	2.14E-04	3.18E-04	3.83E-04	3.34E-08	4.80E-05	0.00E+00	9.88E-05	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Manganese Compounds	1.41E-06	1.45E-06	3.13E-06	7.44E-06	1.05E-05	1.36E-05	2.80E-05	3.56E-05	0.00E+00	6.17E-06	3.20E-06	1.10E-06	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	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	3.27E-06	1.36E-05	3.09E-06	1.50E-03	0.00E+00	
Oklahoma	Bryan County	40013	R	Methylene Chloride	1.53E-01	1.53E-01	1.57E-01	1.71E-01	1.98E-01	2.07E-01	3.08E-01	3.51E-01	4.08E-06	4.77E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Bryan County	40013	R	Nickel Compounds	2.97E-06	3.60E-06	1.16E-05	3.38E-05	5.28E-05	7.24E-05	1.49E-04	2.00E-04	5.05E-07	4.42E-05	7.14E-06	9.60E-07	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Perchloroethylene	1.41E-01	1.41E-01	1.43E-01	1.64E-01	1.63E-01	1.78E-01	1.92E-01	1.95E-01	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Oklahoma	Bryan County	40013	R	Polychlorinated Biphenyls	3.85E-04	3.86E-04	3.96E-04	4.25E-04	4.43E-04	5.00E-04	5.26E-04	5.29E-04	0.00E+00	6.29E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Bryan County	40013	R	Polycyclic Organic Matter	2.11E-03	2.44E-03	4.04E-03	1.02E-02	1.37E-02	1.87E-02	3.36E-02	3.43E-02	0.00E+00	9.46E-03	3.75E-03	4.83E-04	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	7-PAH	2.14E-04	2.25E-04	2.88E-04	5.51E-04	6.05E-04	9.14E-04	1.12E-03	1.13E-03	0.00E+00	5.74E-04	2.31E-05	8.66E-06	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Propylene Dichloride	1.67E-06	2.27E-06	2.98E-06	4.40E-06	9.38E-06	9.15E-06	2.79E-05	3.47E-05	0.00E+00	9.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Quinoline	9.00E-10	1.28E-09	3.02E-09	7.67E-09	2.77E-08	2.64E-08	1.03E-07	1.75E-07	0.00E+00	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	1,1,2,2-Tetrachloroethane	1.35E-05	1.86E-05	2.55E-05	3.78E-05	7.05E-05	7.08E-05	2.07E-04	2.99E-04	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Bryan County	40013	R	Trichloroethylene	8.13E-02	8.13E-02	8.17E-02	8.33E-02	8.67E-02	8.89E-02	9.99E-02	1.09E-01	2.66E-08	5.74E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Oklahoma	Bryan County	40013	R	Vinyl Chloride	3.34E-05	4.60E-05	6.29E-05	9.33E-05	1.75E-04	1.75E-04	5.13E-04	7.37E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Caddo County	40015	R	Acetaldehyde	1.49E-01	1.49E-01	1.85E-01	2.07E-01	2.03E-01	2.23E-01	2.47E-01	2.47E-01	3.23E-03	1.65E-01	2.68E-02	7.69E-03	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Acrolein	2.98E-03	2.98E-03	4.21E-03	6.83E-03	6.46E-03	8.77E-03	9.11E-03	9.11E-03	3.15E-09	2.36E-03	3.48E-03	6.23E-04	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Acrylonitrile	1.08E-05	1.08E-05	1.55E-05	2.61E-05	2.72E-05	3.84E-05	4.65E-05	1.69E-07	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Arsenic Compounds	4.01E-06	4.01E-06	4.70E-06	5.96E-06	6.59E-06	8.80E-06	9.78E-06	9.78E-06	4.99E-09	4.28E-07	3.90E-06	2.26E-06	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Benzene	5.19E-01	5.19E-01	5.25E-01	5.48E-01	5.65E-01	6.13E-01	6.29E-01	6.29E-01	1.83E-04	3.82E-02	3.83E-02	8.59E-03	4.80E-01	0.00E+00	
Oklahoma	Caddo County	40015	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	
Oklahoma	Caddo County	40015	R	Beryllium Compounds	2.01E-08	2.01E-08	3.64E-08	8.42E-08	1.38E-07	2.46E-07	3.51E-07	3.51E-07	2.62E-10	1.00E-07	0.00E+00	3.75E-08	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	1,3-Butadiene	1.63E-03	1.63E-03	2.41E-03	2.79E-03	3.82E-03	5.85E-03	6.84E-03	6.84E-03	0.00E+00	4.54E-04	2.81E-03	5.60E-04	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Cadmium Compounds	5.19E-08	5.19E-08	9.53E-08	1.86E-07	2.66E-07	4.43E-07	6.25E-07	6.25E-07	6.50E-10	2.78E-07	0.00E+00	3.73E-08	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.73E-02	4.75E-02	4.75E-02	6.22E-05	9.79E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Caddo County	40015	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	2.54E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Caddo County	40015	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.36E-02	8.38E-02	8.43E-02	8.49E-02	8.49E-02	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Caddo County	40015	R	Chromium Compounds (includes Hexavalent)	1.63E-06	1.63E-06	2.12E-06	2.67E-06	8.02E-06	5.08E-06	4.28E-05	4.28E-05	3.81E-08	5.30E-06	2.59E-06	8.86E-08	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Chromium VI	6.57E-07	6.57E-07	8.45E-07	1.08E-06	2.95E-06	2.11E-06	1.48E-05	1.48E-05	1.37E-08	1.88E-06	1.02E-06	3.01E-08	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	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	
Oklahoma	Caddo County	40015	R	1,4-Dichlorobenzene	4.52E-04	4.52E-04	7.70E-04	1.43E-03	2.04E-03	3.29E-03	4.91E-03	4.91E-03	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	1,3-Dichloropropene	8.90E-04	8.90E-04	1.50E-03	2.78E-03	4.07E-03	6.61E-03	9.93E-03	9.93E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	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	1.08E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Caddo County	40015	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.60E-10	2.45E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Caddo County	40015	R	Ethylene Oxide	6.31E-06	6.31E-06	9.90E-06	1.65E-05	2.67E-05	4.34E-05	6.73E-05	6.73E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Formaldehyde	3.29E-01	3.29E-01	3.43E-01	3.48E-01	3.48E-01	3.56E-01	3.59E-01	3.59E-01	4.90E-03	5.94E-02	2.10E-02	1.22E-02	2.50E-01	0.00E+00	
Oklahoma	Caddo County	40015	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	2.04E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Caddo County	40015	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	1.50E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Caddo County	40015	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	0.00E+00	
Oklahoma	Caddo County	40015	R	Hydrazine	6.17E-18	6.17E-18	2.97E-12	1.07E-11	2.05E-11	2.57E-11	8.54E-11	8.54E-11	0.00E+00	2.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Lead Compounds	7.48E-06	7.48E-06	2.11E-05	5.20E-05	5.34E-05	7.98E-05	1.13E-04	1.13E-04	5.31E-09	3.20E-06	0.00E+00	5.02E-05	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	R	Manganese Compounds	8.64E-07	8.64E-07	1.09E-06	2.59E-06	8.78E-06	1.16E-05	3.88E-05	3.97E-08	7.77E-06	7.88E-07	1.84E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015	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	1.16E-09	8.35E-07	4.39E-06	1.95E-06	1.50E-03	0.00E+00	
Oklahoma	Caddo County	40015	R	Methylene Chloride	1.52E-01	1.52E-01	1.54E-01	1.56E-01	1.59E-01	1.65E-01	1.74E-01	1.74E-01	1.14E-05	9.32E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Caddo County	40015	R	Nickel Compounds	2.67E-06	2.67E-06	3.50E-06	6.03E-06	1.34E-05	2.36E-05	3.79E-05	3.45E-08	1.11E-05	1.97E-06	2.74E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Caddo County	40015																	

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

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	
Oklahoma	Canadian County	40017	U	Acrylonitrile	9.14E-05	1.12E-04	1.76E-04	2.33E-04	2.36E-04	3.03E-04	3.35E-04	3.53E-04	8.21E-09	2.36E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	Arsenic Compounds	1.43E-05	1.59E-05	2.19E-05	2.97E-05	3.32E-05	4.31E-05	5.50E-05	5.87E-05	1.64E-07	2.89E-06	2.45E-05	5.61E-06	0.00E+00	
Oklahoma	Canadian County	40017	U	Benzene	6.49E-01	6.71E-01	7.58E-01	8.64E-01	9.01E-01	1.05E+00	1.16E+00	1.25E+00	5.04E-04	5.76E-02	3.30E-01	3.36E-02	4.80E-01	
Oklahoma	Canadian County	40017	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	
Oklahoma	Canadian County	40017	U	Beryllium Compounds	5.34E-07	5.56E-07	7.67E-07	1.13E-06	1.12E-06	1.45E-06	1.77E-06	2.01E-06	8.62E-09	7.54E-07	0.00E+00	3.58E-07	0.00E+00	
Oklahoma	Canadian County	40017	U	1,3-Butadiene	6.25E-03	7.08E-03	1.37E-02	2.70E-02	4.13E-02	5.01E-02	1.22E-01	1.29E-01	1.24E-02	1.71E-04	2.60E-02	2.70E-03	0.00E+00	
Oklahoma	Canadian County	40017	U	Cadmium Compounds	7.84E-07	8.01E-07	1.23E-06	1.73E-06	1.75E-06	2.28E-06	2.75E-06	2.85E-06	2.15E-08	1.38E-06	0.00E+00	3.57E-07	0.00E+00	
Oklahoma	Canadian County	40017	U	Carbon Disulfide	4.72E-02	4.73E-02	4.76E-02	4.79E-02	4.79E-02	4.83E-02	4.84E-02	4.92E-02	6.29E-08	9.30E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Canadian County	40017	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.55E-04	0.00E+00	8.80E-01
Oklahoma	Canadian County	40017	U	Chloroform	8.46E-02	8.48E-02	8.63E-02	8.82E-02	8.82E-02	9.03E-02	9.14E-02	9.18E-02	0.00E+00	5.21E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Canadian County	40017	U	Chromium Compounds (includes Hexavalent)	4.08E-05	4.83E-05	6.31E-05	3.02E-04	2.99E-04	3.97E-04	5.27E-04	8.43E-04	2.47E-04	3.07E-05	2.09E-05	5.17E-07	0.00E+00	
Oklahoma	Canadian County	40017	U	Chromium VI	1.79E-05	2.10E-05	2.60E-05	1.11E-04	1.13E-04	1.50E-04	2.02E-04	3.09E-04	8.36E-05	2.04E-05	8.37E-06	1.76E-07	0.00E+00	
Oklahoma	Canadian County	40017	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	3.24E-10	2.44E-10	3.62E-10	4.21E-10	4.22E-10	2.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	1,4-Dichlorobenzene	3.34E-03	3.54E-03	7.28E-03	1.37E-02	1.33E-02	1.77E-02	2.24E-02	2.36E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	1,3-Dichloropropene	6.31E-03	6.66E-03	1.40E-02	2.71E-02	2.65E-02	3.55E-02	4.50E-02	4.74E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	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	1.12E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Canadian County	40017	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.93E-08	2.59E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Canadian County	40017	U	Ethylene Oxide	1.04E-04	1.07E-04	1.49E-04	2.45E-04	2.50E-04	3.21E-04	4.01E-04	4.70E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	Formaldehyde	3.40E-01	3.88E-01	4.20E-01	4.70E-01	5.04E-01	5.76E-01	6.52E-01	7.04E-01	1.98E-03	3.15E-02	1.77E-01	4.33E-02	2.50E-01	
Oklahoma	Canadian County	40017	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	8.83E-08	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Canadian County	40017	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	9.19E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Canadian County	40017	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	
Oklahoma	Canadian County	40017	U	Hydrazine	4.28E-10	4.39E-10	4.89E-10	2.44E-09	2.56E-09	3.61E-09	4.33E-09	6.96E-09	0.00E+00	2.56E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	Lead Compounds	4.85E-04	5.98E-04	7.52E-04	1.04E-03	1.07E-03	1.34E-03	1.64E-03	1.91E-03	1.76E-07	6.14E-05	0.00E+00	1.01E-03	0.00E+00	
Oklahoma	Canadian County	40017	U	Manganese Compounds	1.20E-04	1.46E-04	1.82E-04	2.12E-04	2.22E-04	2.55E-04	3.06E-04	3.71E-04	1.01E-04	1.14E-04	6.61E-06	5.41E-07	0.00E+00	
Oklahoma	Canadian County	40017	U	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.56E-03	1.56E-03	4.01E-08	4.98E-06	2.39E-05	4.99E-06	1.50E-03	
Oklahoma	Canadian County	40017	U	Methylene Chloride	1.84E-01	2.08E-01	2.39E-01	3.49E-01	3.71E-01	4.43E-01	5.62E-01	6.60E-01	1.55E-01	6.55E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Canadian County	40017	U	Nickel Compounds	2.40E-05	2.54E-05	5.67E-05	1.29E-04	1.32E-04	1.71E-04	2.13E-04	2.90E-04	5.19E-05	6.37E-05	1.56E-05	8.85E-07	0.00E+00	
Oklahoma	Canadian County	40017	U	Perchloroethylene	1.47E-01	1.47E-01	1.53E-01	1.90E-01	1.81E-01	1.99E-01	2.08E-01	2.10E-01	1.80E-02	2.31E-02	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Canadian County	40017	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.84E-04	3.84E-04	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Canadian County	40017	U	Polycyclic Organic Matter	8.05E-03	8.59E-03	1.35E-02	2.12E-02	2.16E-02	2.97E-02	3.51E-02	3.74E-02	1.05E-04	1.23E-02	8.02E-03	1.17E-03	0.00E+00	
Oklahoma	Canadian County	40017	U	7-PAH	1.15E-04	1.25E-04	1.50E-04	1.88E-04	2.14E-04	2.32E-04	3.30E-04	4.83E-04	1.76E-10	1.56E-04	4.98E-05	8.10E-06	0.00E+00	
Oklahoma	Canadian County	40017	U	Propylene Dichloride	4.51E-06	5.37E-06	8.51E-06	1.05E-05	1.08E-05	1.16E-05	1.61E-05	1.81E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	Quinoline	1.32E-08	1.33E-08	1.44E-08	3.75E-08	3.50E-08	4.74E-08	5.72E-08	6.71E-08	0.00E+00	3.50E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	1,1,2,2-Tetrachloroethane	3.65E-05	4.08E-05	6.40E-05	7.45E-05	8.21E-05	1.31E-04	1.52E-04	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Canadian County	40017	U	Trichloroethylene	8.47E-02	8.51E-02	8.80E-02	9.31E-02	9.73E-02	9.74E-02	1.05E-01	1.38E-01	7.12E-03	9.17E-03	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Canadian County	40017	U	Vinyl Chloride	1.19E-04	1.90E-04	2.61E-04	3.23E-04	3.25E-04	4.00E-04	4.65E-04	4.76E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	Acetaldehyde	4.80E-02	5.66E-02	5.72E-02	8.32E-02	1.09E-01	1.65E-01	2.01E-01	2.16E-01	1.48E-04	2.70E-02	6.78E-02	1.40E-02	0.00E+00	
Oklahoma	Carter County	40019	U	Acrolein	1.22E-02	1.30E-02	1.37E-02	2.92E-02	3.30E-02	4.81E-02	5.69E-02	7.07E-02	1.04E-02	1.02E-02	1.05E-02	1.91E-03	0.00E+00	
Oklahoma	Carter County	40019	U	Acrylonitrile	1.12E-05	1.32E-05	1.62E-05	5.85E-05	7.63E-04	1.95E-04	4.76E-04	7.27E-03	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	Arsenic Compounds	4.95E-06	5.31E-06	6.49E-06	1.90E-05	2.61E-05	3.81E-05	6.52E-05	8.10E-05	3.57E-06	4.71E-06	1.41E-05	3.67E-06	0.00E+00	
Oklahoma	Carter County	40019	U	Benzene	5.46E-01	5.76E-01	5.80E-01	6.97E-01	8.58E-01	1.07E+00	1.39E+00	1.61E+00	5.93E-02	1.19E-01	1.64E-01	3.59E-02	4.80E-01	
Oklahoma	Carter County	40019	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	
Oklahoma	Carter County	40019	U	Beryllium Compounds	2.90E-07	3.54E-07	3.78E-07	1.62E-06	2.78E-06	3.38E-06	6.28E-06	1.05E-05	5.97E-07	1.17E-06	0.00E+00	1.00E-06	0.00E+00	
Oklahoma	Carter County	40019	U	1,3-Butadiene	2.98E-03	4.36E-03	4.90E-03	1.87E-02	5.57E-02	5.90E-02	1.30E-01	2.98E-01	3.30E-02	2.97E-03	1.61E-02	3.65E-03	0.00E+00	
Oklahoma	Carter County	40019	U	Cadmium Compounds	1.92E-06	2.24E-06	2.32E-06	7.10E-06	1.03E-05	1.67E-05	1.79E-05	3.12E-05	5.74E-06	3.80E-06	0.00E+00	1.00E-06	0.00E+00	
Oklahoma	Carter County	40019	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.74E-02	4.80E-02	4.82E-02	4.89E-02	5.16E-02	2.05E-04	7.57E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Carter County	40019	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	0.00E+00	1.50E-04	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Carter County	40019	U	Chloroform	8.33E-02	8.33E-02	8.36E-02	8.38E-02	8.64E-02	8.73E-02	9.41E-02	9.63E-02	0.00E+00	3.40E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Carter County	40019	U	Chromium Compounds (includes Hexavalent)	8.60E-06	9.98E-06	1.97E-05	3.54E-05	3.59E-05	5.74E-05	5.75E-05	6.49E-05	1.99E-05	4.77E-06	1.05E-05	7.49E-07	0.00E+00	
Oklahoma	Carter County	40019	U	Chromium VI	2.39E-06	2.80E-06	6.25E-06	1.16E-05	1.20E-05	1.74E-05	2.14E-05	2.64E-05	5.24E-06	2.30E-06	4.17E-06	2.55E-07	0.00E+00	
Oklahoma	Carter County	40019	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	
Oklahoma	Carter County	40019	U	1,4-Dichlorobenzene	1.09E-03	1.17E-03	1.98E-03	3.14E-03	1.24E-02	1.68E-02	4.39E-02	4.23E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	1,3-Dichloropropene	2.12E-03	2.25E-03	3.79E-03	6.27E-03	2.50E-02	3.41E-02	8.48E-02	8.96E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.23E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Carter County	40019	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	9.01E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Carter County	40019	U	Ethylene Oxide	5.36E-05	8.05E-05</												

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

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	
Oklahoma	Carter County	40019	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.54E-03	1.55E-03	1.59E-03	1.70E-03	2.78E-06	2.12E-05	1.49E-05	3.93E-06	1.50E-03	
Oklahoma	Carter County	40019	U	Methylene Chloride	1.54E-01	1.55E-01	1.56E-01	1.60E-01	2.07E-01	2.11E-01	3.10E-01	4.37E-01	4.36E-06	5.71E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Carter County	40019	U	Nickel Compounds	2.13E-05	2.40E-05	2.58E-05	1.09E-04	1.78E-04	3.23E-04	3.96E-04	6.33E-04	4.44E-05	1.25E-04	7.84E-06	9.11E-07	0.00E+00	
Oklahoma	Carter County	40019	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.50E-01	1.63E-01	1.79E-01	1.97E-01	2.17E-01	9.65E-03	1.31E-02	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Carter County	40019	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.88E-04	3.97E-04	4.33E-04	4.70E-04	5.51E-04	5.58E-04	2.08E-08	5.29E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Carter County	40019	U	Polycyclic Organic Matter	3.62E-03	4.95E-03	6.10E-03	9.51E-03	2.70E-02	6.13E-02	7.38E-02	7.29E-03	1.46E-02	4.10E-03	1.02E-03	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	7-PAH	2.35E-04	3.27E-04	3.63E-04	4.40E-04	6.29E-04	8.23E-04	1.36E-03	1.36E-03	1.95E-06	5.90E-04	2.67E-05	1.07E-05	0.00E+00	
Oklahoma	Carter County	40019	U	Propylene Dichloride	5.94E-07	6.26E-07	8.80E-07	3.34E-06	4.48E-05	1.09E-05	2.55E-05	4.33E-04	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	Quinoline	4.79E-10	5.42E-10	7.07E-10	3.37E-09	3.12E-08	8.72E-08	8.92E-08	1.14E-07	0.00E+00	3.12E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	1,1,2,2-Tetrachloroethane	4.15E-06	4.60E-06	6.99E-06	2.83E-05	3.95E-04	8.88E-05	1.93E-04	3.88E-03	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Carter County	40019	U	Trichloroethylene	8.13E-02	8.14E-02	8.14E-02	8.20E-02	8.82E-02	8.74E-02	9.77E-02	1.25E-01	0.00E+00	7.18E-03	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Carter County	40019	U	Vinyl Chloride	1.03E-05	1.14E-05	1.73E-05	6.98E-05	9.73E-04	2.20E-04	4.79E-04	9.55E-03	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	Acetaldehyde	5.25E-02	5.25E-02	6.39E-02	8.93E-02	8.24E-02	9.63E-02	1.08E-01	1.08E-01	1.66E-03	2.51E-02	5.06E-02	5.04E-03	0.00E+00	
Oklahoma	Cherokee County	40021	R	Acrolein	1.41E-02	1.41E-02	1.70E-02	2.14E-02	2.14E-02	2.61E-02	2.83E-02	2.83E-02	4.82E-06	1.22E-02	7.57E-03	1.65E-03	0.00E+00	
Oklahoma	Cherokee County	40021	R	Acrylonitrile	1.60E-05	1.60E-05	1.94E-05	2.75E-05	4.63E-05	6.52E-05	1.30E-04	2.30E-04	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	Arsenic Compounds	1.16E-05	1.16E-05	1.87E-05	2.05E-05	2.12E-05	2.57E-05	2.79E-05	2.79E-05	1.06E-05	1.33E-06	7.79E-06	1.43E-06	0.00E+00	
Oklahoma	Cherokee County	40021	R	Benzene	5.70E-01	5.70E-01	5.91E-01	6.21E-01	6.58E-01	7.40E-01	7.90E-01	7.90E-01	1.32E-04	6.95E-02	8.21E-02	2.64E-02	4.80E-01	
Oklahoma	Cherokee County	40021	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	
Oklahoma	Cherokee County	40021	R	Beryllium Compounds	5.28E-07	5.28E-07	7.97E-07	1.02E-06	1.11E-06	1.43E-06	1.86E-06	1.86E-06	5.54E-07	4.25E-07	0.00E+00	1.29E-07	0.00E+00	
Oklahoma	Cherokee County	40021	R	1,3-Butadiene	5.29E-03	5.29E-03	5.81E-03	7.76E-03	1.03E-02	1.48E-02	2.03E-02	2.03E-02	0.00E+00	2.92E-03	5.94E-03	1.44E-03	0.00E+00	
Oklahoma	Cherokee County	40021	R	Cadmium Compounds	1.27E-06	1.27E-06	1.95E-06	2.42E-06	2.53E-06	3.25E-06	3.76E-06	3.76E-06	1.37E-06	1.04E-06	0.00E+00	1.28E-07	0.00E+00	
Oklahoma	Cherokee County	40021	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.76E-02	4.83E-02	4.83E-02	3.76E-06	3.81E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Cherokee County	40021	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	9.46E-05	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Cherokee County	40021	R	Chloroform	8.70E-02	8.70E-02	8.93E-02	9.03E-02	9.44E-02	1.02E-01	1.05E-01	1.05E-01	2.68E-03	8.69E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Cherokee County	40021	R	Chromium Compounds (includes Hexavalent)	1.89E-04	1.89E-04	2.50E-04	2.96E-04	3.19E-04	3.76E-04	5.18E-04	5.18E-04	2.89E-04	2.39E-05	5.44E-06	2.77E-07	0.00E+00	
Oklahoma	Cherokee County	40021	R	Chromium VI	8.94E-06	8.94E-06	1.43E-05	1.62E-05	1.71E-05	1.94E-05	2.80E-05	2.80E-05	9.87E-06	4.19E-06	2.21E-06	9.42E-08	0.00E+00	
Oklahoma	Cherokee County	40021	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	
Oklahoma	Cherokee County	40021	R	1,4-Dichlorobenzene	1.75E-03	1.75E-03	2.33E-03	3.07E-03	6.16E-03	1.10E-02	1.47E-02	1.47E-02	0.00E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	1,3-Dichloropropene	3.41E-03	3.41E-03	4.51E-03	6.07E-03	1.23E-02	2.22E-02	2.98E-02	2.98E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	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	1.52E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Cherokee County	40021	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.16E-06	2.47E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Cherokee County	40021	R	Ethylene Oxide	2.44E-05	2.44E-05	3.55E-05	7.42E-05	3.53E-04	6.22E-04	1.33E-03	1.33E-03	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	Formaldehyde	3.24E-01	3.24E-01	3.34E-01	3.58E-01	3.58E-01	3.82E-01	3.95E-01	3.95E-01	1.14E-03	5.46E-02	4.34E-02	9.06E-03	2.50E-01	
Oklahoma	Cherokee County	40021	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.35E-05	9.38E-05	9.43E-05	9.43E-05	0.00E+00	4.77E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Cherokee County	40021	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	5.64E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Cherokee County	40021	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	
Oklahoma	Cherokee County	40021	R	Hydrazine	8.19E-11	8.19E-11	8.78E-11	1.03E-10	1.84E-10	1.96E-10	6.15E-10	6.15E-10	0.00E+00	1.84E-10	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	Lead Compounds	3.09E-05	3.09E-05	6.43E-05	9.02E-05	1.35E-04	1.22E-04	4.94E-04	4.94E-04	8.45E-06	2.02E-05	0.00E+00	1.06E-04	0.00E+00	
Oklahoma	Cherokee County	40021	R	Manganese Compounds	4.57E-05	4.57E-05	6.15E-05	7.77E-05	8.73E-05	9.84E-05	1.78E-04	1.78E-04	6.70E-05	1.84E-05	1.71E-06	1.76E-07	0.00E+00	
Oklahoma	Cherokee County	40021	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.00E-05	5.20E-06	8.67E-06	1.29E-06	1.50E-03	
Oklahoma	Cherokee County	40021	R	Methylene Chloride	1.58E-01	1.58E-01	1.60E-01	1.63E-01	1.81E-01	2.07E-01	2.33E-01	2.33E-01	5.90E-04	3.07E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Cherokee County	40021	R	Nickel Compounds	1.29E-04	1.29E-04	1.58E-04	1.98E-04	2.07E-04	2.41E-04	3.34E-04	3.34E-04	1.81E-04	2.22E-05	4.00E-06	3.08E-07	0.00E+00	
Oklahoma	Cherokee County	40021	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.47E-01	1.51E-01	1.56E-01	1.56E-01	1.14E-06	6.51E-03	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Cherokee County	40021	R	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.96E-04	4.04E-04	4.36E-04	4.82E-04	5.35E-04	5.35E-04	0.00E+00	6.63E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Cherokee County	40021	R	Polycyclic Organic Matter	7.74E-03	7.74E-03	1.21E-02	1.38E-02	1.62E-02	2.22E-02	2.60E-02	2.60E-02	4.35E-03	9.57E-03	2.07E-03	2.47E-04	0.00E+00	
Oklahoma	Cherokee County	40021	R	7-PAH	5.08E-04	5.08E-04	6.06E-04	7.56E-04	9.06E-04	1.24E-03	1.53E-03	1.53E-03	4.69E-06	8.82E-04	1.38E-05	5.69E-06	0.00E+00	
Oklahoma	Cherokee County	40021	R	Propylene Dichloride	7.27E-07	7.27E-07	9.42E-07	1.56E-06	1.89E-06	2.46E-06	4.49E-06	4.49E-06	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	Quinoline	3.46E-09	3.46E-09	4.40E-09	4.99E-09	7.93E-09	8.07E-09	2.51E-08	2.51E-08	0.00E+00	7.93E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	1,1,2,2-Tetrachloroethane	3.02E-06	3.02E-06	5.93E-06	8.81E-06	8.19E-06	1.03E-05	1.24E-05	1.24E-05	0.00E+00	8.19E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cherokee County	40021	R	Trichloroethylene	8.22E-02	8.22E-02	8.27E-02	8.31E-02	8.46E-02	8.56E-02	9.14E-02	9.14E-02	1.05E-03	2.51E-03	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Cherokee County	40021	R	Vinyl Chloride	7.78E-06	7.78E-06	1.48E-05	2.21E-05	2.06E-05	2.59E-05	3.14E-05	3.14E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Choctaw County	40023	R	Acetaldehyde	5.04E-02	5.04E-02	1.59E-01	1.61E-01	1.81E-01	1.67E-01	3.67E-01	3.67E-01	8.61E-02	3.65E-02	5.07E-02	7.56E-03	0.00E+00	
Oklahoma	Choctaw County	40023	R	Acrolein	1.07E-02	1.07E-02	1.71E-02	1.97E-02	1.74E-02	1.98E-02	1.98E-02	1.41E-03	1.98E-02	6.23E-03	6.23E-03	1.15E-03	0.00E+00	
Oklahoma	Choctaw County	40023	R	Acrylonitrile	1.55E-05	1.55E-05	6.38E-05	1.26E-04	1.03E-04	1.43E-04	1.67E-04	1.67E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Choctaw County	40023	R	Arsenic Compounds	4.88E-06	4.88E-06	1.80E-05	2.25E-05	1.82E-05	2.28E-05	2.30E-05	2.30E-05	3.05E-06	3.43E-06	9.80E-06	1.97E-06	0.00E+00	
Oklahoma	Choctaw County	40023	R	Benzene	5.34E-01	5.34E-01	5.37E-01	7.46E-01	6.63E-01	7.48E-01	7.49E-01	7.49E-01	4.37E-04	6.23E-02	1.00E-01	1.98E-02	4.80E-01	
Oklahoma	Choctaw County	40023	R	Benzidine	0.00E+00	0.00E+00	0.00E+00											

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Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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
Oklahoma	Choctaw County	40023	R	Chromium VI	1.70E-06	1.70E-06	2.10E-05	2.24E-05	2.39E-05	2.36E-05	5.07E-05	5.07E-05	1.84E-05	2.64E-06	2.52E-06	2.67E-07	0.00E+00
Oklahoma	Choctaw County	40023	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
Oklahoma	Choctaw County	40023	R	1,4-Dichlorobenzene	8.52E-04	8.52E-04	1.28E-03	8.31E-03	5.45E-03	8.41E-03	8.42E-03	8.42E-03	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Choctaw County	40023	R	1,3-Dichloropropene	1.64E-03	1.64E-03	2.38E-03	1.68E-02	1.10E-02	1.70E-02	1.70E-02	1.70E-02	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Choctaw County	40023	R	Ethylene Dichloride	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	4.42E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Choctaw County	40023	R	Ethylene Dibromide	6.10E-02	6.10E-02	6.16E-02	6.17E-02	6.21E-02	6.18E-02	6.43E-02	6.43E-02	1.07E-03	2.78E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Choctaw County	40023	R	Ethylene Oxide	3.75E-05	3.75E-05	1.82E-04	4.35E-04	3.16E-04	4.61E-04	4.64E-04	4.64E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Choctaw County	40023	R	Formaldehyde	3.13E-01	3.13E-01	3.89E-01	4.02E-01	3.82E-01	4.03E-01	4.04E-01	4.04E-01	1.83E-02	5.10E-02	5.06E-02	1.22E-02	2.50E-01
Oklahoma	Choctaw County	40023	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.37E-05	9.34E-05	9.37E-05	9.37E-05	9.37E-05	0.00E+00	4.42E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Choctaw County	40023	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	4.60E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Choctaw County	40023	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
Oklahoma	Choctaw County	40023	R	Hydrazine	8.39E-12	8.39E-12	6.27E-11	7.61E-11	6.40E-11	7.75E-11	9.53E-11	9.53E-11	0.00E+00	6.40E-11	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Choctaw County	40023	R	Lead Compounds	2.44E-05	2.44E-05	1.01E-04	1.63E-04	1.62E-04	1.66E-04	3.56E-04	3.56E-04	1.64E-05	5.87E-05	0.00E+00	8.70E-05	0.00E+00
Oklahoma	Choctaw County	40023	R	Manganese Compounds	4.20E-06	4.20E-06	2.48E-04	2.74E-04	3.33E-04	2.91E-04	8.50E-04	8.50E-04	2.32E-05	3.07E-04	2.18E-06	8.19E-07	0.00E+00
Oklahoma	Choctaw County	40023	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.53E-03	1.52E-03	1.54E-03	1.54E-03	1.54E-03	1.57E-07	1.10E-05	1.11E-05	1.43E-06	1.50E-03
Oklahoma	Choctaw County	40023	R	Methylene Chloride	1.55E-01	1.55E-01	1.58E-01	1.94E-01	1.79E-01	1.95E-01	1.95E-01	1.95E-01	1.68E-03	2.77E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Choctaw County	40023	R	Nickel Compounds	8.84E-06	8.84E-06	5.49E-05	5.76E-05	5.55E-05	5.87E-05	9.75E-05	9.75E-05	3.86E-05	1.13E-05	5.07E-06	5.10E-07	0.00E+00
Oklahoma	Choctaw County	40023	R	Perchloroethylene	1.41E-01	1.41E-01	1.46E-01	1.50E-01	1.47E-01	1.50E-01	1.50E-01	1.50E-01	1.70E-03	5.66E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Choctaw County	40023	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.88E-04	4.61E-04	4.31E-04	4.62E-04	4.62E-04	4.62E-04	0.00E+00	5.12E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Choctaw County	40023	R	Polycyclic Organic Matter	2.84E-03	2.84E-03	3.16E-03	1.49E-02	1.02E-02	1.50E-02	1.52E-02	1.52E-02	2.62E-04	7.20E-03	2.58E-03	2.00E-04	0.00E+00
Oklahoma	Choctaw County	40023	R	7-PAH	2.82E-04	2.82E-04	3.72E-04	6.43E-04	5.20E-04	6.51E-04	6.55E-04	6.55E-04	1.96E-09	4.99E-04	1.72E-05	4.71E-06	0.00E+00
Oklahoma	Choctaw County	40023	R	Propylene Dichloride	8.36E-07	8.36E-07	3.71E-06	6.38E-06	5.45E-06	7.42E-06	8.89E-06	8.89E-06	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Choctaw County	40023	R	Quinoline	2.15E-10	2.15E-10	1.40E-09	1.69E-09	1.55E-09	1.70E-09	2.75E-09	2.75E-09	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Choctaw County	40023	R	1,1,2,2-Tetrachloroethane	6.72E-06	6.72E-06	3.21E-05	4.71E-05	4.26E-05	5.67E-05	7.03E-05	7.03E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Choctaw County	40023	R	Trichloroethylene	8.15E-02	8.15E-02	8.42E-02	8.48E-02	8.41E-02	8.49E-02	8.50E-02	8.50E-02	9.42E-04	2.16E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Choctaw County	40023	R	Vinyl Chloride	1.66E-05	1.66E-05	7.91E-05	1.16E-04	1.05E-04	1.40E-04	1.73E-04	1.73E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cimarron County	40025	R	Acetaldehyde	2.87E-01	2.87E-01	2.87E-01	2.92E-01	2.92E-01	2.97E-01	2.97E-01	2.97E-01	0.00E+00	2.82E-01	4.13E-03	5.57E-03	0.00E+00
Oklahoma	Cimarron County	40025	R	Acrolein	5.23E-03	5.23E-03	5.23E-03	5.53E-03	5.53E-03	5.82E-03	5.82E-03	5.82E-03	0.00E+00	4.86E-03	4.40E-04	2.29E-04	0.00E+00
Oklahoma	Cimarron County	40025	R	Acrylonitrile	6.83E-06	6.83E-06	6.83E-06	3.20E-05	3.20E-05	5.73E-05	5.73E-05	5.73E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cimarron County	40025	R	Arsenic Compounds	1.13E-06	1.13E-06	1.13E-06	2.51E-06	2.51E-06	3.88E-06	3.88E-06	3.88E-06	0.00E+00	1.04E-07	1.25E-06	1.16E-06	0.00E+00
Oklahoma	Cimarron County	40025	R	Benzene	4.98E-01	4.98E-01	4.98E-01	5.09E-01	5.09E-01	5.20E-01	5.20E-01	5.20E-01	2.14E-04	1.65E-02	9.04E-03	3.60E-03	4.80E-01
Oklahoma	Cimarron County	40025	R	Benidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cimarron County	40025	R	Beryllium Compounds	8.55E-08	8.55E-08	8.55E-08	2.54E-07	2.54E-07	4.22E-07	4.22E-07	4.22E-07	0.00E+00	3.15E-08	0.00E+00	2.22E-07	0.00E+00
Oklahoma	Cimarron County	40025	R	1,3-Butadiene	2.21E-03	2.21E-03	2.21E-03	3.24E-03	3.24E-03	4.28E-03	4.28E-03	4.28E-03	0.00E+00	1.86E-03	1.07E-03	3.13E-04	0.00E+00
Oklahoma	Cimarron County	40025	R	Cadmium Compounds	9.63E-08	9.63E-08	9.63E-08	2.89E-07	2.89E-07	4.81E-07	4.81E-07	4.81E-07	0.00E+00	6.66E-08	0.00E+00	2.22E-07	0.00E+00
Oklahoma	Cimarron County	40025	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	2.66E-05	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Cimarron County	40025	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.00E-06	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Cimarron County	40025	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	3.98E-05	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Cimarron County	40025	R	Chromium Compounds (includes Hexavalent)	2.82E-07	2.82E-07	2.82E-07	8.39E-07	8.39E-07	1.40E-06	1.40E-06	1.40E-06	0.00E+00	7.10E-08	6.83E-07	8.47E-08	0.00E+00
Oklahoma	Cimarron County	40025	R	Chromium VI	1.24E-07	1.24E-07	1.24E-07	3.72E-07	3.72E-07	6.21E-07	6.21E-07	6.21E-07	0.00E+00	3.96E-08	3.04E-07	2.88E-08	0.00E+00
Oklahoma	Cimarron County	40025	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
Oklahoma	Cimarron County	40025	R	1,4-Dichlorobenzene	1.36E-04	1.36E-04	1.36E-04	4.63E-04	4.63E-04	7.91E-04	7.91E-04	7.91E-04	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cimarron County	40025	R	1,3-Dichloropropene	2.73E-04	2.73E-04	2.73E-04	9.38E-04	9.38E-04	1.60E-03	1.60E-03	1.60E-03	0.00E+00	9.38E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cimarron County	40025	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	1.68E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Cimarron County	40025	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	3.71E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Cimarron County	40025	R	Ethylene Oxide	2.12E-05	2.12E-05	2.12E-05	7.13E-05	7.13E-05	1.21E-04	1.21E-04	1.21E-04	0.00E+00	7.13E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cimarron County	40025	R	Formaldehyde	3.38E-01	3.38E-01	3.38E-01	3.44E-01	3.44E-01	3.50E-01	3.50E-01	3.50E-01	5.31E-05	8.20E-02	4.48E-03	7.14E-03	2.50E-01
Oklahoma	Cimarron County	40025	R	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	8.89E-08	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Cimarron County	40025	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	3.62E-09	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Cimarron County	40025	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
Oklahoma	Cimarron County	40025	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cimarron County	40025	R	Lead Compounds	9.82E-06	9.82E-06	9.82E-06	1.97E-05	1.97E-05	2.97E-05	2.97E-05	2.97E-05	0.00E+00	1.81E-07	0.00E+00	1.96E-05	0.00E+00
Oklahoma	Cimarron County	40025	R	Manganese Compounds	2.32E-07	2.32E-07	2.32E-07	6.59E-07	6.59E-07	1.09E-06	1.09E-06	1.09E-06	0.00E+00	3.45E-07	2.06E-07	1.08E-07	0.00E+00
Oklahoma	Cimarron County	40025	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.51E-07	1.46E-06	1.21E-06	1.50E-03
Oklahoma	Cimarron County	40025	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	2.23E-03	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Cimarron County	40025	R	Nickel Compounds	4.33E-07	4.33E-07	4.33E-07	1.31E-06	1.31E-06	2.20E-06	2.20E-06	2.20E-06	0.00E+00	6.35E-07	4.91E-07	1.89E-07	0.00E+00
Oklahoma	Cimarron County																

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State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Oklahoma	Cimarron County	40025	R	Vinyl Chloride	8.49E-06	8.49E-06	8.49E-06	4.10E-05	4.10E-05	7.36E-05	7.36E-05	7.36E-05	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Acetaldehyde	8.62E-02	1.03E-01	2.00E-01	3.35E-01	3.95E-01	5.17E-01	8.77E-01	1.01E+00	6.51E-03	4.65E-02	3.02E-01	4.07E-02	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Acrolein	1.54E-02	1.97E-02	3.01E-02	4.05E-02	4.44E-02	5.60E-02	7.63E-02	8.14E-02	3.30E-04	6.32E-03	3.26E-02	5.23E-03	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Acrylonitrile	4.98E-05	1.06E-04	2.71E-04	3.42E-04	3.67E-04	3.96E-04	5.79E-04	7.81E-04	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Arsenic Compounds	7.97E-06	1.26E-05	2.60E-05	4.19E-05	5.05E-05	6.60E-05	1.05E-04	1.28E-04	4.94E-07	5.80E-06	3.78E-05	6.44E-06	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Benzene	6.12E-01	6.45E-01	8.35E-01	1.04E+00	1.16E+00	1.36E+00	1.85E+00	2.16E+00	2.73E-03	8.02E-02	5.01E-01	9.68E-02	4.80E-01	0.00E+00
Oklahoma	Cleveland County	40027	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
Oklahoma	Cleveland County	40027	U	Beryllium Compounds	3.69E-07	4.67E-07	1.15E-06	1.69E-06	2.16E-06	2.38E-06	3.52E-06	4.18E-06	2.95E-08	1.58E-06	0.00E+00	5.45E-07	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	1,3-Butadiene	7.05E-03	1.02E-02	2.33E-02	4.23E-02	6.01E-02	7.66E-02	1.31E-01	1.77E-01	5.98E-05	6.32E-04	4.80E-02	1.14E-02	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Cadmium Compounds	6.84E-07	1.39E-06	2.12E-06	2.67E-06	3.50E-06	4.01E-06	5.86E-06	9.16E-06	9.70E-08	2.86E-06	0.00E+00	5.44E-07	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Carbon Disulfide	4.71E-02	4.73E-02	4.78E-02	4.79E-02	4.84E-02	4.85E-02	4.97E-02	5.15E-02	1.80E-07	1.38E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Cleveland County	40027	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Cleveland County	40027	U	Chloroform	8.48E-02	8.58E-02	8.94E-02	9.32E-02	9.25E-02	9.50E-02	9.68E-02	1.01E-01	0.00E+00	9.52E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Cleveland County	40027	U	Chromium Compounds (includes Hexavalent)	6.97E-05	1.12E-04	1.81E-04	2.42E-04	2.66E-04	3.33E-04	4.32E-04	4.78E-04	2.22E-04	9.43E-06	3.28E-05	1.63E-06	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Chromium VI	2.45E-05	4.18E-05	6.76E-05	8.70E-05	9.64E-05	1.24E-04	1.52E-04	1.69E-04	7.56E-05	7.21E-06	1.31E-05	5.56E-07	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Coke Oven Emissions	1.80E-10	2.57E-10	3.89E-10	5.44E-10	6.06E-10	8.27E-10	9.70E-10	1.17E-09	6.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	1,4-Dichlorobenzene	3.56E-03	4.76E-03	1.18E-02	2.01E-02	1.87E-02	2.47E-02	2.80E-02	3.93E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	1,3-Dichloropropene	7.06E-03	9.35E-03	2.31E-02	4.05E-02	3.75E-02	4.98E-02	5.65E-02	7.98E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	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	1.77E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Cleveland County	40027	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	5.25E-08	3.43E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Cleveland County	40027	U	Ethylene Oxide	4.51E-05	8.73E-05	2.80E-04	3.86E-04	5.79E-04	6.29E-04	8.63E-04	1.11E-03	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Formaldehyde	3.44E-01	3.58E-01	4.53E-01	5.26E-01	6.01E-01	7.00E-01	9.81E-01	1.11E+00	5.61E-03	3.01E-02	2.53E-01	6.28E-02	2.50E-01	0.00E+00
Oklahoma	Cleveland County	40027	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	5.06E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Cleveland County	40027	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	1.84E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Cleveland County	40027	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
Oklahoma	Cleveland County	40027	U	Hydrazine	3.87E-10	8.91E-10	2.51E-09	5.48E-09	7.04E-09	8.32E-09	1.08E-08	1.72E-08	0.00E+00	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Lead Compounds	1.34E-04	1.74E-04	5.77E-04	1.19E-03	1.23E-03	1.62E-03	2.16E-03	2.96E-03	9.08E-06	1.31E-04	0.00E+00	1.09E-03	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Manganese Compounds	7.08E-05	9.50E-05	1.55E-04	2.19E-04	3.10E-04	4.73E-04	6.03E-04	7.35E-04	1.81E-04	1.17E-04	1.07E-05	8.88E-07	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.62E-03	1.62E-03	1.23E-07	1.22E-05	3.65E-05	5.20E-06	1.50E-03	0.00E+00
Oklahoma	Cleveland County	40027	U	Methylene Chloride	2.21E-01	2.99E-01	3.54E-01	4.38E-01	4.54E-01	5.41E-01	5.98E-01	7.83E-01	2.10E-01	9.42E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Cleveland County	40027	U	Nickel Compounds	6.23E-05	1.02E-04	1.63E-04	2.01E-04	2.27E-04	2.98E-04	3.77E-04	4.40E-04	1.35E-04	6.64E-05	2.43E-05	1.67E-06	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Perchloroethylene	1.57E-01	1.76E-01	1.97E-01	2.13E-01	2.16E-01	2.44E-01	2.58E-01	2.65E-01	4.31E-02	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Cleveland County	40027	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.83E-04	3.83E-04	3.84E-04	3.85E-04	5.82E-11	3.16E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Cleveland County	40027	U	Polycyclic Organic Matter	7.80E-03	1.05E-02	1.82E-02	2.91E-02	3.06E-02	4.35E-02	5.07E-02	5.85E-02	2.81E-04	1.62E-02	1.24E-02	1.80E-03	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	7-PAH	2.33E-04	2.41E-04	2.67E-04	2.98E-04	3.46E-04	4.04E-04	5.11E-04	5.94E-04	1.66E-08	2.47E-04	7.74E-05	2.14E-05	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Propylene Dichloride	2.73E-06	5.82E-06	1.38E-05	1.69E-05	1.88E-05	2.13E-05	3.17E-05	3.92E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Quinoline	4.99E-09	1.28E-08	2.48E-08	3.76E-08	4.28E-08	5.30E-08	7.48E-08	7.89E-08	0.00E+00	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	1,1,2,2-Tetrachloroethane	2.25E-05	4.79E-05	1.00E-04	1.11E-04	1.41E-04	2.45E-04	3.07E-04	4.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cleveland County	40027	U	Trichloroethylene	8.40E-02	8.55E-02	8.84E-02	9.08E-02	9.21E-02	9.26E-02	9.69E-02	9.91E-02	2.47E-03	8.64E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Cleveland County	40027	U	Vinyl Chloride	8.58E-05	1.95E-04	3.41E-04	4.36E-04	5.29E-04	6.28E-04	9.27E-04	1.10E-03	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	Acetaldehyde	3.85E-02	3.85E-02	3.85E-02	3.87E-02	3.87E-02	3.89E-02	3.89E-02	3.89E-02	0.00E+00	1.98E-02	1.64E-02	2.57E-03	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	Acrolein	8.12E-03	8.12E-03	8.12E-03	8.52E-03	8.52E-03	8.92E-03	8.92E-03	8.92E-03	0.00E+00	5.99E-03	2.16E-03	3.71E-04	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	Acrylonitrile	1.31E-05	1.31E-05	1.31E-05	1.40E-05	1.40E-05	1.48E-05	1.48E-05	1.48E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	Arsenic Compounds	2.83E-06	2.83E-06	2.83E-06	3.06E-06	3.06E-06	3.29E-06	3.29E-06	3.29E-06	1.94E-09	1.42E-07	2.22E-06	6.91E-07	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	Benzene	5.22E-01	5.22E-01	5.22E-01	5.23E-01	5.23E-01	5.25E-01	5.25E-01	5.25E-01	1.09E-05	1.94E-02	1.97E-02	4.36E-03	4.80E-01	0.00E+00
Oklahoma	Coal County	40029	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
Oklahoma	Coal County	40029	R	Beryllium Compounds	6.58E-08	6.58E-08	6.58E-08	1.01E-07	1.01E-07	1.36E-07	1.36E-07	1.36E-07	0.00E+00	3.53E-08	0.00E+00	6.55E-08	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	1,3-Butadiene	1.63E-03	1.63E-03	1.63E-03	1.90E-03	1.90E-03	2.16E-03	2.16E-03	2.16E-03	0.00E+00	6.64E-04	1.09E-03	1.39E-04	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	Cadmium Compounds	2.09E-07	2.09E-07	2.09E-07	2.24E-07	2.24E-07	2.38E-07	2.38E-07	2.38E-07	5.63E-08	1.02E-07	0.00E+00	6.48E-08	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	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	4.07E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Oklahoma	Coal County	40029	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	1.06E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Coal County	40029	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Coal County	40029	R	Chromium Compounds (includes Hexavalent)	1.42E-06	1.42E-06	1.42E-06	2.57E-06	2.57E-06	3.72E-06	3.72E-06	3.72E-06	1.05E-06	9.69E-08	1.37E-06	5.62E-08	0.00E+00	0.00E+00
Oklahoma	Coal County	40029	R	Chromium VI	5.57E-													

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

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	
Oklahoma	Coal County	40029	R	Hydrazine	2.28E-12	2.28E-12	2.28E-12	4.69E-12	4.69E-12	7.11E-12	7.11E-12	7.11E-12	0.00E+00	4.69E-12	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Coal County	40029	R	Lead Compounds	7.37E-06	7.37E-06	7.37E-06	3.88E-03	3.88E-03	7.76E-03	7.76E-03	7.76E-03	3.88E-03	1.34E-06	0.00E+00	3.31E-06	0.00E+00	
Oklahoma	Coal County	40029	R	Manganese Compounds	1.16E-06	1.16E-06	1.16E-06	1.31E-06	1.31E-06	1.45E-06	1.45E-06	1.45E-06	2.55E-07	5.71E-07	4.14E-07	6.54E-08	0.00E+00	
Oklahoma	Coal County	40029	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	2.02E-08	1.96E-07	2.53E-06	6.85E-07	1.50E-03	
Oklahoma	Coal County	40029	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	3.14E-03	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Coal County	40029	R	Nickel Compounds	3.95E-06	3.95E-06	3.95E-06	4.96E-06	4.96E-06	5.98E-06	5.98E-06	5.98E-06	9.71E-09	3.82E-06	1.03E-06	1.03E-07	0.00E+00	
Oklahoma	Coal County	40029	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	7.56E-06	5.26E-04	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Coal County	40029	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.88E-04	3.88E-04	3.89E-04	3.89E-04	3.89E-04	0.00E+00	7.74E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Coal County	40029	R	Polycyclic Organic Matter	2.74E-03	2.74E-03	2.74E-03	2.82E-03	2.82E-03	2.90E-03	2.90E-03	2.90E-03	1.78E-04	2.07E-03	5.14E-04	5.64E-05	0.00E+00	
Oklahoma	Coal County	40029	R	7-PAH	2.87E-04	2.87E-04	2.87E-04	2.91E-04	2.91E-04	2.95E-04	2.95E-04	2.95E-04	0.00E+00	2.86E-04	3.63E-06	1.21E-06	0.00E+00	
Oklahoma	Coal County	40029	R	Propylene Dichloride	6.67E-07	6.67E-07	6.67E-07	7.40E-07	7.40E-07	8.13E-07	8.13E-07	8.13E-07	0.00E+00	7.40E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Coal County	40029	R	Quinoline	7.64E-11	7.64E-11	7.64E-11	1.52E-10	1.52E-10	2.27E-10	2.27E-10	2.27E-10	0.00E+00	1.52E-10	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Coal County	40029	R	1,1,2,2-Tetrachloroethane	5.01E-06	5.01E-06	5.01E-06	5.83E-06	5.83E-06	6.66E-06	6.66E-06	6.66E-06	0.00E+00	5.83E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Coal County	40029	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	2.12E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Coal County	40029	R	Vinyl Chloride	1.24E-05	1.24E-05	1.24E-05	1.44E-05	1.44E-05	1.64E-05	1.64E-05	1.64E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	Acetaldehyde	1.32E-01	1.34E-01	1.92E-01	2.78E-01	2.81E-01	3.13E-01	4.42E-01	5.02E-01	1.30E-02	4.63E-02	1.74E-01	4.83E-02	0.00E+00	
Oklahoma	Comanche County	40031	U	Acrolein	1.20E-02	1.24E-02	2.58E-02	3.76E-02	3.53E-02	4.31E-02	5.62E-02	5.63E-02	1.41E-07	4.05E-02	2.29E-02	1.84E-03	0.00E+00	
Oklahoma	Comanche County	40031	U	Acrylonitrile	4.17E-05	4.59E-05	1.42E-04	3.29E-04	7.96E-04	4.60E-04	7.63E-04	1.51E-03	0.00E+00	7.96E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	Arsenic Compounds	8.62E-06	9.02E-06	2.67E-05	4.23E-05	4.40E-05	5.40E-05	9.32E-05	9.58E-05	2.27E-07	7.44E-06	2.91E-05	7.19E-06	0.00E+00	
Oklahoma	Comanche County	40031	U	Benzene	5.67E-01	5.88E-01	7.62E-01	9.38E-01	9.43E-01	1.00E+00	1.53E+00	1.53E+00	6.92E-04	4.25E-02	3.89E-01	3.16E-02	4.80E-01	
Oklahoma	Comanche County	40031	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	
Oklahoma	Comanche County	40031	U	Beryllium Compounds	1.38E-07	1.44E-07	4.56E-07	1.77E-06	2.02E-06	2.64E-06	4.88E-06	5.42E-06	1.17E-08	1.95E-06	0.00E+00	6.10E-08	0.00E+00	
Oklahoma	Comanche County	40031	U	1,3-Butadiene	4.49E-03	5.99E-03	2.53E-02	3.99E-02	4.47E-02	4.93E-02	1.20E-01	1.21E-01	0.00E+00	1.96E-03	3.97E-02	2.99E-03	0.00E+00	
Oklahoma	Comanche County	40031	U	Cadmium Compounds	4.38E-07	4.49E-07	1.63E-06	4.76E-06	5.47E-06	6.74E-06	1.34E-05	1.39E-05	2.86E-08	5.38E-06	0.00E+00	6.08E-08	0.00E+00	
Oklahoma	Comanche County	40031	U	Carbon Disulfide	4.87E-02	4.91E-02	5.12E-02	5.57E-02	5.52E-02	5.71E-02	6.36E-02	6.44E-02	6.63E-03	1.59E-03	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Comanche County	40031	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	3.52E-04	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Comanche County	40031	U	Chloroform	8.41E-02	8.41E-02	8.83E-02	9.67E-02	9.40E-02	9.94E-02	1.01E-01	1.02E-01	0.00E+00	1.10E-02	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Comanche County	40031	U	Chromium Compounds (includes Hexavalent)	1.13E-05	4.68E-05	5.91E-05	6.45E-05	6.68E-05	7.71E-05	1.11E-04	1.11E-04	1.45E-07	4.18E-05	2.45E-05	3.82E-07	0.00E+00	
Oklahoma	Comanche County	40031	U	Chromium VI	4.61E-06	1.69E-05	2.17E-05	2.41E-05	2.53E-05	2.82E-05	4.37E-05	4.40E-05	8.14E-08	1.58E-05	9.79E-06	1.30E-07	0.00E+00	
Oklahoma	Comanche County	40031	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	
Oklahoma	Comanche County	40031	U	1,4-Dichlorobenzene	2.02E-03	2.31E-03	1.13E-02	1.87E-02	1.98E-02	2.94E-02	3.49E-02	3.69E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	1,3-Dichloropropene	3.93E-03	4.45E-03	2.29E-02	3.78E-02	4.00E-02	5.96E-02	7.12E-02	7.49E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.30E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Comanche County	40031	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.11E-02	6.12E-02	2.35E-08	8.46E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Comanche County	40031	U	Ethylene Oxide	4.63E-05	5.02E-05	1.32E-04	5.90E-04	1.32E-03	1.29E-03	2.79E-03	8.92E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	Formaldehyde	3.36E-01	3.44E-01	4.44E-01	5.05E-01	5.07E-01	5.35E-01	7.62E-01	7.83E-01	5.57E-04	3.90E-02	1.71E-01	4.61E-02	2.50E-01	
Oklahoma	Comanche County	40031	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.10E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Comanche County	40031	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	2.11E-07	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Comanche County	40031	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	
Oklahoma	Comanche County	40031	U	Hydrazine	3.31E-10	3.64E-10	1.99E-09	5.84E-09	1.85E-08	1.72E-08	5.32E-08	1.35E-07	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	Lead Compounds	4.79E-05	5.21E-05	9.17E-05	3.14E-04	3.21E-04	4.10E-04	5.61E-04	9.20E-04	2.35E-07	1.44E-04	0.00E+00	1.78E-04	0.00E+00	
Oklahoma	Comanche County	40031	U	Manganese Compounds	5.42E-06	3.92E-05	5.15E-05	5.50E-05	5.72E-05	6.66E-05	8.45E-05	8.62E-05	2.73E-07	4.84E-05	7.95E-06	6.12E-07	0.00E+00	
Oklahoma	Comanche County	40031	U	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.56E-03	1.57E-03	1.59E-03	1.62E-03	1.64E-03	4.88E-08	3.08E-05	2.86E-05	5.98E-06	1.50E-03	
Oklahoma	Comanche County	40031	U	Methylene Chloride	1.58E-01	1.59E-01	1.77E-01	2.61E-01	2.72E-01	3.24E-01	4.33E-01	4.70E-01	1.10E-03	1.21E-01	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Comanche County	40031	U	Nickel Compounds	8.41E-06	9.91E-06	2.19E-05	7.57E-05	8.23E-05	1.26E-04	1.48E-04	1.72E-04	1.55E-07	6.28E-05	1.84E-05	9.58E-07	0.00E+00	
Oklahoma	Comanche County	40031	U	Perchloroethylene	1.44E-01	1.46E-01	1.62E-01	1.73E-01	1.81E-01	1.89E-01	2.35E-01	2.42E-01	7.88E-05	4.12E-02	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Comanche County	40031	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.84E-04	3.84E-04	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Comanche County	40031	U	Polycyclic Organic Matter	4.00E-03	4.49E-03	1.50E-02	2.68E-02	2.51E-02	3.27E-02	4.59E-02	4.62E-02	5.44E-05	1.48E-02	9.45E-03	7.39E-04	0.00E+00	
Oklahoma	Comanche County	40031	U	7-PAH	2.10E-04	2.30E-04	3.35E-04	4.30E-04	4.48E-04	5.47E-04	6.60E-04	7.34E-04	2.21E-10	3.83E-04	5.87E-05	6.36E-06	0.00E+00	
Oklahoma	Comanche County	40031	U	Propylene Dichloride	2.36E-06	2.59E-06	8.48E-06	1.54E-05	4.50E-05	2.24E-05	4.55E-05	8.87E-05	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	Quinoline	5.95E-09	6.23E-09	1.47E-08	2.97E-08	6.52E-08	8.31E-08	1.57E-07	3.87E-07	0.00E+00	6.52E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	1,1,2,2-Tetrachloroethane	1.93E-05	2.13E-05	5.73E-05	7.53E-05	3.75E-04	1.35E-04	3.56E-04	7.76E-04	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Comanche County	40031	U	Trichloroethylene	8.16E-02	8.16E-02	8.28E-02	9.18E-02	9.30E-02	9.67E-02	1.02E-01	1.08E-01	4.30E-09	1.20E-02	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Comanche County	40031	U	Vinyl Chloride	4.76E-05	5.27E-05	1.44E-04	1.86E-04	9.26E-04	3.37E-04	8.88E-04	1.91E-03	0.00E+00	9.26E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Cotton County	40033	R	Acetaldehyde	3.24E-01	3.24E-01	3.24E-01	4.14E-01	4.14E-01	5.03E-01	5.03E-01	5.03E-01	4.42E-02	3.14E-01	4.32E-02	1.20E-02	0.00E+00	
Oklahoma	Cotton County	40033	R	Acrolein	6.91E-03	6.91E-03	6.91E-03	7.87E-03	7.87E-03	8.84E-03	8.84E-03	8.84E-03	5.82E-08	2.92E-03	4.24E-03	7.17E-04	0.00E+00	
Oklahoma	Cotton County	40033	R	Acrylonitrile	2.81E-05	2.81E-												

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

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		
Oklahoma	Cotton County	40033	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	8.80E-01	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Cotton County	40033	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Cotton County	40033	R	Chromium Compounds (includes Hexavalent)	7.19E-05	7.19E-05	7.19E-05	7.55E-05	7.55E-05	7.55E-05	7.91E-05	7.91E-05	7.91E-05	3.30E+00	3.92E-05	2.84E-06	4.76E-07	0.00E+00	8.00E-02
Oklahoma	Cotton County	40033	R	Chromium VI	2.16E-05	2.16E-05	2.16E-05	2.31E-05	2.31E-05	2.46E-05	2.46E-05	2.46E-05	2.46E-05	1.12E-05	1.06E-05	1.13E-06	1.62E-07	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	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	0.00E+00
Oklahoma	Cotton County	40033	R	1,4-Dichlorobenzene	1.20E-03	1.20E-03	1.20E-03	1.25E-03	1.25E-03	1.30E-03	1.30E-03	1.30E-03	1.30E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	1,3-Dichloropropene	2.13E-03	2.13E-03	2.13E-03	2.31E-03	2.31E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	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	7.70E-03	0.00E+00	2.22E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Cotton County	40033	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.13E-02	1.56E-04	5.18E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Cotton County	40033	R	Ethylene Oxide	4.63E-05	4.63E-05	4.63E-05	8.63E-05	8.63E-05	1.26E-04	1.26E-04	1.26E-04	1.26E-04	0.00E+00	8.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Formaldehyde	3.53E-01	3.53E-01	3.53E-01	3.56E-01	3.56E-01	3.58E-01	3.58E-01	3.58E-01	3.58E-01	2.88E-03	5.93E-02	2.75E-02	1.60E-02	2.50E-01	3.50E-01
Oklahoma	Cotton County	40033	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	9.31E-05	0.00E+00	1.22E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Cotton County	40033	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	1.80E-03	0.00E+00	7.71E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Cotton County	40033	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	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Hydrazine	1.40E-10	1.40E-10	1.40E-10	1.44E-10	1.44E-10	1.47E-10	1.47E-10	1.47E-10	1.47E-10	0.00E+00	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Lead Compounds	4.21E-05	4.21E-05	4.21E-05	5.16E-05	5.16E-05	6.12E-05	6.12E-05	6.12E-05	6.12E-05	4.88E-07	6.48E-06	0.00E+00	4.47E-05	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Manganese Compounds	2.08E-06	2.08E-06	2.08E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.04E-07	8.25E-06	8.67E-07	5.94E-07	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	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	1.51E-03	2.00E-08	1.31E-06	4.90E-06	1.93E-06	1.50E-03	1.50E-03
Oklahoma	Cotton County	40033	R	Methylene Chloride	1.59E-01	1.59E-01	1.59E-01	1.61E-01	1.61E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	5.18E-03	5.94E-03	0.00E+00	0.00E+00	1.50E-01	1.50E-01
Oklahoma	Cotton County	40033	R	Nickel Compounds	9.73E-06	9.73E-06	9.73E-06	1.06E-05	1.06E-05	1.15E-05	1.15E-05	1.15E-05	1.15E-05	5.78E-08	7.98E-06	2.16E-06	4.04E-07	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.77E-05	2.96E-03	0.00E+00	0.00E+00	1.40E-01	1.40E-01
Oklahoma	Cotton County	40033	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.80E-04	3.80E-04
Oklahoma	Cotton County	40033	R	Polycyclic Organic Matter	2.35E-03	2.35E-03	2.35E-03	2.59E-03	2.59E-03	2.82E-03	2.82E-03	2.82E-03	2.82E-03	1.41E-05	1.35E-03	1.07E-03	1.51E-04	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	7-PAH	1.00E-04	1.00E-04	1.00E-04	1.22E-04	1.22E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	9.05E-11	1.12E-04	7.56E-06	2.02E-06	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Propylene Dichloride	1.58E-06	1.58E-06	1.58E-06	2.40E-05	2.40E-05	4.64E-05	4.64E-05	4.64E-05	4.64E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Quinoline	2.15E-09	2.15E-09	2.15E-09	2.24E-09	2.24E-09	2.33E-09	2.33E-09	2.33E-09	2.33E-09	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	1,1,2,2-Tetrachloroethane	1.31E-05	1.31E-05	1.31E-05	2.19E-04	2.19E-04	4.24E-04	4.24E-04	4.24E-04	4.24E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Cotton County	40033	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.18E-02	8.18E-02	8.22E-02	8.22E-02	8.22E-02	8.22E-02	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Cotton County	40033	R	Vinyl Chloride	3.24E-05	3.24E-05	3.24E-05	5.38E-04	5.38E-04	1.04E-03	1.04E-03	1.04E-03	1.04E-03	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Acetaldehyde	5.85E-02	5.85E-02	8.05E-02	9.64E-02	1.19E-01	1.80E-01	1.81E-01	1.81E-01	1.81E-01	4.10E-05	2.43E-02	7.94E-02	1.55E-02	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Acrolein	1.50E-02	1.50E-02	1.63E-02	1.95E-02	2.63E-02	3.98E-02	4.09E-02	4.09E-02	1.11E-05	1.53E-02	8.94E-03	2.03E-03	0.00E+00	0.00E+00	
Oklahoma	Craig County	40035	R	Acrylonitrile	8.31E-06	8.31E-06	1.22E-05	3.70E-05	3.57E-05	3.81E-05	8.30E-05	8.30E-05	9.15E-06	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Arsenic Compounds	6.02E-06	6.02E-06	1.43E-05	3.55E-05	2.96E-05	3.86E-05	5.38E-05	5.38E-05	1.09E-05	1.68E-06	1.40E-05	3.09E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Benzene	5.54E-01	5.54E-01	5.84E-01	5.88E-01	6.96E-01	8.73E-01	8.81E-01	8.81E-01	3.58E-04	6.95E-02	1.28E-01	1.77E-02	4.80E-01	5.50E-01	5.50E-01
Oklahoma	Craig County	40035	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	0.00E+00
Oklahoma	Craig County	40035	R	Beryllium Compounds	1.24E-06	1.24E-06	1.95E-06	2.58E-06	4.43E-06	7.74E-06	8.66E-06	8.66E-06	7.95E-07	4.41E-07	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	1,3-Butadiene	4.14E-03	4.14E-03	5.98E-03	6.52E-03	1.91E-02	3.95E-02	3.95E-02	3.95E-02	5.77E-07	5.75E-03	1.20E-02	1.36E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Cadmium Compounds	1.95E-06	1.95E-06	2.24E-06	5.15E-06	5.72E-06	8.47E-06	1.08E-05	1.08E-05	1.66E-06	8.70E-07	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.73E-02	4.74E-02	4.75E-02	4.75E-02	6.94E-06	2.70E-04	0.00E+00	0.00E+00	4.70E-02	4.70E-02	4.70E-02
Oklahoma	Craig County	40035	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	1.68E-08	5.19E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01	8.80E-01
Oklahoma	Craig County	40035	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.36E-02	8.39E-02	8.39E-02	8.39E-02	1.13E-07	5.67E-04	0.00E+00	0.00E+00	8.30E-02	8.30E-02	8.30E-02
Oklahoma	Craig County	40035	R	Chromium Compounds (includes Hexavalent)	1.66E-05	1.66E-05	3.47E-05	5.62E-05	6.36E-05	9.96E-05	1.11E-04	1.11E-04	8.98E-06	4.49E-05	8.82E-06	8.96E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Chromium VI	2.56E-06	2.56E-06	5.84E-06	1.18E-05	1.09E-05	1.58E-05	1.84E-05	1.84E-05	1.02E-06	6.07E-06	3.49E-06	3.05E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	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	0.00E+00
Oklahoma	Craig County	40035	R	1,4-Dichlorobenzene	1.26E-03	1.26E-03	1.49E-03	1.56E-03	4.74E-03	9.64E-03	9.73E-03	9.73E-03	8.41E-07	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	1,3-Dichloropropene	2.39E-03	2.39E-03	2.90E-03	2.99E-03	9.51E-03	1.95E-02	1.97E-02	1.97E-02	0.00E+00	9.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	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	5.12E-09	2.41E-08	0.00E+00	0.00E+00	7.70E-03	7.70E-03	7.70E-03
Oklahoma	Craig County	40035	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	2.36E-06	1.90E-06	0.00E+00	0.00E+00	6.10E-02	6.10E-02	6.10E-02
Oklahoma	Craig County	40035	R	Ethylene Oxide	2.97E-05	2.97E-05	4.61E-05	4.90E-05	2.79E-04	6.34E-04	6.35E-04	6.35E-04	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Craig County	40035	R	Formaldehyde	3.34E-01	3.34E-01	3.48E-01	3.70E-01	4.22E-01	5.29E-01	5.32E-01	5.32E-01	1.99E-03	7.18E-02	7.16E-02	2.70E-02	2.50E-01	3.30E-01	3.30E-01
Oklahoma	Craig County	40035	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.37E-05									

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

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		
Oklahoma	Craig County	40035	R	Quinoline	1.08E-08	1.08E-08	1.18E-08	1.86E-08	2.21E-08	2.01E-08	4.94E-08	4.94E-08	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Craig County	40035	R	1,1,2,2-Tetrachloroethane	1.25E-06	1.25E-06	1.45E-06	1.60E-06	9.86E-06	1.89E-06	4.31E-05	4.31E-05	5.07E-06	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Craig County	40035	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.16E-02	8.30E-02	8.52E-02	8.52E-02	8.52E-02	9.77E-06	1.99E-03	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Oklahoma	Craig County	40035	R	Vinyl Chloride	3.86E-06	3.86E-06	3.93E-06	4.76E-06	2.51E-05	6.24E-06	1.07E-04	1.07E-04	1.25E-05	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Acetaldehyde	8.16E-02	9.86E-02	1.70E-01	2.64E-01	3.15E-01	4.40E-01	5.14E-01	5.16E-01	2.75E-05	4.37E-02	2.47E-01	2.36E-02	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Acrolein	1.68E-02	2.88E-02	3.11E-02	4.69E-02	4.69E-02	6.02E-02	6.73E-02	7.03E-02	1.50E-04	1.93E-02	2.44E-02	3.12E-03	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Acrylonitrile	1.97E-05	2.30E-05	8.16E-05	1.47E-04	1.42E-04	1.82E-04	2.36E-04	3.29E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Arsenic Compounds	6.71E-06	8.90E-06	1.06E-05	3.13E-05	2.80E-05	3.90E-05	4.74E-05	5.24E-05	1.05E-06	3.29E-06	2.00E-05	3.71E-06	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Benzene	6.14E-01	6.26E-01	6.48E-01	8.54E-01	8.80E-01	1.06E+00	1.12E+00	1.13E+00	6.07E-03	1.25E-01	2.40E-01	2.98E-02	4.80E-01	0.00E+00	
Oklahoma	Creek County	40037	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	
Oklahoma	Creek County	40037	U	Beryllium Compounds	1.38E-07	1.65E-07	3.78E-07	9.76E-07	1.61E-06	2.64E-06	3.45E-06	3.53E-06	1.53E-07	7.89E-07	0.00E+00	6.69E-07	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	1,3-Butadiene	6.09E-03	7.47E-03	8.18E-03	1.73E-02	2.05E-02	2.29E-02	3.42E-02	4.25E-02	5.14E-05	4.11E-03	1.46E-02	1.71E-03	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Cadmium Compounds	5.53E-06	6.39E-06	1.44E-05	1.13E-04	1.85E-04	2.43E-04	4.59E-04	6.49E-04	1.83E-04	1.47E-06	0.00E+00	6.70E-07	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.75E-02	4.78E-02	4.84E-02	4.89E-02	4.90E-02	0.00E+00	8.17E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Oklahoma	Creek County	40037	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.40E-04	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Oklahoma	Creek County	40037	U	Chloroform	8.38E-02	8.40E-02	8.47E-02	8.75E-02	8.86E-02	9.24E-02	9.39E-02	9.42E-02	0.00E+00	5.58E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Oklahoma	Creek County	40037	U	Chromium Compounds (includes Hexavalent)	1.23E-05	1.54E-05	4.75E-05	5.17E-04	1.49E-03	9.00E-04	1.39E-03	1.41E-03	2.27E-04	1.25E-03	1.55E-05	5.27E-07	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Chromium VI	2.80E-06	3.35E-06	1.08E-05	1.01E-04	4.40E-04	1.65E-04	2.44E-04	2.71E-04	7.93E-06	4.25E-04	6.20E-06	1.79E-07	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	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	
Oklahoma	Creek County	40037	U	1,4-Dichlorobenzene	1.80E-03	2.34E-03	3.34E-03	8.87E-03	1.12E-02	1.65E-02	2.20E-02	2.22E-02	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	1,3-Dichloropropene	3.49E-03	4.66E-03	6.36E-03	1.74E-02	2.23E-02	3.26E-02	4.42E-02	4.46E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	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	1.27E-07	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Oklahoma	Creek County	40037	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	2.66E-05	1.48E-05	0.00E+00	0.00E+00	6.10E-02	0.00E+00	
Oklahoma	Creek County	40037	U	Ethylene Oxide	1.67E-04	2.40E-04	4.55E-04	9.69E-04	1.39E-03	1.47E-03	2.63E-03	2.91E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Formaldehyde	3.47E-01	3.94E-01	4.30E-01	5.30E-01	5.34E-01	6.21E-01	6.46E-01	6.57E-01	1.16E-04	8.44E-02	1.62E-01	3.78E-02	2.50E-01	0.00E+00	
Oklahoma	Creek County	40037	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.36E-05	9.40E-05	9.41E-05	9.41E-05	0.00E+00	5.59E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00	
Oklahoma	Creek County	40037	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	8.13E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00	
Oklahoma	Creek County	40037	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	3.24E-06	4.11E-06	3.66E-06	4.75E-06	5.20E-06	6.34E-06	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Hydrazine	1.78E-10	2.17E-10	9.01E-10	2.82E-09	1.99E-08	7.26E-08	7.33E-08	7.33E-08	0.00E+00	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Lead Compounds	1.37E-04	1.68E-04	2.54E-04	1.28E-03	1.22E-03	1.70E-03	2.56E-03	3.37E-03	5.44E-04	7.69E-05	0.00E+00	6.03E-04	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Manganese Compounds	8.49E-05	9.81E-05	1.79E-04	2.82E-03	1.03E-02	6.09E-03	7.70E-03	2.36E-02	1.62E-03	8.63E-03	4.90E-06	4.36E-07	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.56E-03	1.56E-03	1.54E-03	1.54E-03	8.74E-07	9.79E-06	2.70E-05	3.75E-06	1.50E-03	
Oklahoma	Creek County	40037	U	Methylene Chloride	1.56E-01	1.58E-01	1.59E-01	1.81E-01	1.94E-01	2.17E-01	2.23E-01	2.27E-01	1.54E-03	4.20E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Oklahoma	Creek County	40037	U	Nickel Compounds	2.24E-05	3.64E-05	1.07E-04	1.00E-03	6.75E-03	2.26E-03	2.40E-03	3.45E-03	1.79E-04	6.56E-03	1.15E-05	1.09E-06	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Perchloroethylene	1.41E-01	1.42E-01	1.44E-01	1.54E-01	1.53E-01	1.60E-01	1.62E-01	1.63E-01	7.75E-04	1.20E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Oklahoma	Creek County	40037	U	Polychlorinated Biphenyls	3.88E-04	3.90E-04	3.93E-04	4.15E-04	4.47E-04	4.98E-04	5.11E-04	5.16E-04	1.54E-09	6.73E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Oklahoma	Creek County	40037	U	Polycyclic Organic Matter	6.06E-03	6.60E-03	8.24E-03	1.92E-02	2.32E-02	3.72E-02	4.23E-02	4.82E-02	3.46E-04	1.62E-02	5.89E-03	6.83E-04	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	7-PAH	4.84E-04	7.47E-04	8.28E-04	1.13E-03	1.11E-03	1.36E-03	1.47E-03	1.69E-03	1.01E-06	1.06E-03	3.83E-05	7.30E-06	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Propylene Dichloride	9.84E-07	1.19E-06	4.65E-06	8.42E-06	7.81E-06	1.02E-05	1.32E-05	1.60E-05	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Quinoline	4.93E-09	7.32E-09	1.21E-08	3.73E-08	9.09E-08	1.81E-07	2.55E-07	2.89E-07	0.00E+00	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	1,1,2,2-Tetrachloroethane	6.63E-06	7.10E-06	3.81E-05	5.11E-05	5.18E-05	6.79E-05	7.91E-05	1.04E-04	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Creek County	40037	U	Trichloroethylene	8.14E-02	8.15E-02	8.30E-02	8.66E-02	8.79E-02	9.19E-02	9.58E-02	9.70E-02	1.92E-03	4.97E-03	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Oklahoma	Creek County	40037	U	Vinyl Chloride	1.65E-05	1.79E-05	9.47E-05	1.35E-04	1.31E-04	1.68E-04	1.96E-04	2.58E-04	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Custer County	40039	U	Acetaldehyde	7.91E-02	7.91E-02	8.04E-02	1.10E-01	1.05E-01	1.15E-01	1.15E-01	1.41E-01	1.41E-01	2.26E-05	5.16E-02	2.87E-02	2.46E-02	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	Acrolein	3.68E-03	3.68E-03	4.60E-03	4.78E-03	5.34E-03	6.80E-03	6.86E-03	6.86E-03	0.00E+00	1.72E-03	3.06E-03	5.62E-04	0.00E+00	0.00E+00	
Oklahoma	Custer County	40039	U	Acrylonitrile	1.15E-05	1.15E-05	1.33E-05	2.18E-05	1.88E-05	2.22E-05	2.50E-05	2.50E-05	2.90E-06	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Custer County	40039	U	Arsenic Compounds	3.40E-06	3.40E-06	8.80E-06	9.09E-06	9.05E-06	1.31E-05	1.31E-05	1.31E-05	0.00E+00	5.54E-07	5.97E-06	2.98E-06	0.00E+00	0.00E+00	
Oklahoma	Custer County	40039	U	Benzene	5.14E-01	5.14E-01	5.69E-01	5.79E-01	5.69E-01	5.90E-01	5.90E-01	5.90E-01	2.06E-04	2.58E-02	5.45E-02	8.02E-03	4.80E-01	0.00E+00	
Oklahoma	Custer County	40039	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	
Oklahoma	Custer County	40039	U	Beryllium Compounds	3.13E-08	3.13E-08	1.44E-07	1.46E-07	1.35E-07	1.77E-07	1.78E-07	1.78E-07	0.00E+00	1.35E-07	0.00E+00	1.07E-10	0.00E+00	0.00E+00	
Oklahoma	Custer County	40039	U	1,3-Butadiene	1.56E-03	1.56E-03	6.40E-03	6.45E-03	7.13E-03	1.06E-02	1.06E-02	1.06E-02	0.00E+00	6.52E-04	5.84E-03	6.42E-04	0.00E+00	0.00E+00	
Oklahoma	Custer County	40039	U	Cadmium Compounds	5.95E-08	5.95E-08	2.56E-07	2.56E-07	2.39E-07	3.12E-07	3.12E-07	3.12E-07	0.00E+00	2.39E-07	0.00E+00	1.06E-10	0.00E+00	0.00E+00	
Oklahoma	Custer County	40039	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	8.79E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Oklahoma	Custer County	40039	U																

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	Custer County	40039	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	1.33E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Custer County	40039	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	1.13E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Custer County	40039	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
Oklahoma	Custer County	40039	U	Hydrazine	1.50E-11	1.50E-11	2.43E-11	2.63E-10	1.59E-09	3.82E-09	3.82E-09	3.82E-09	0.00E+00	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	Lead Compounds	4.27E-05	4.27E-05	6.39E-05	8.97E-05	1.51E-04	2.51E-04	3.07E-04	3.07E-04	0.00E+00	5.50E-06	0.00E+00	1.45E-04	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	Manganese Compounds	7.23E-07	7.23E-07	2.36E-06	2.40E-06	2.49E-06	3.49E-06	3.49E-06	3.49E-06	0.00E+00	1.03E-06	1.23E-06	2.33E-07	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	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	5.35E-07	6.77E-06	2.51E-06	1.50E-03	0.00E+00
Oklahoma	Custer County	40039	U	Methylene Chloride	1.52E-01	1.52E-01	1.58E-01	1.58E-01	1.57E-01	1.59E-01	1.59E-01	1.59E-01	0.00E+00	7.04E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Oklahoma	Custer County	40039	U	Nickel Compounds	3.55E-06	3.55E-06	1.44E-05	1.45E-05	1.45E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	1.12E-05	2.91E-06	3.45E-07	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	Perchloroethylene	1.40E-01	1.40E-01	1.42E-01	1.42E-01	1.50E-01	1.62E-01	1.62E-01	1.62E-01	0.00E+00	9.61E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Oklahoma	Custer County	40039	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.86E-04	3.86E-04	3.85E-04	3.86E-04	3.86E-04	3.86E-04	0.00E+00	5.31E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Oklahoma	Custer County	40039	U	Polycyclic Organic Matter	1.34E-03	1.34E-03	4.59E-03	4.68E-03	4.03E-03	4.75E-03	4.78E-03	4.78E-03	9.89E-09	2.43E-03	1.43E-03	1.66E-04	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	7-PAH	7.43E-05	7.43E-05	9.46E-05	9.66E-05	1.09E-04	1.38E-04	1.40E-04	1.40E-04	0.00E+00	9.68E-05	1.01E-05	1.74E-06	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	Propylene Dichloride	4.18E-07	4.18E-07	5.78E-07	6.40E-07	7.98E-07	1.08E-06	1.28E-06	1.28E-06	0.00E+00	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	Quinoline	1.95E-10	1.95E-10	2.63E-10	1.64E-09	4.87E-09	1.11E-08	1.11E-08	1.11E-08	0.00E+00	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	1,1,2,2-Tetrachloroethane	2.23E-06	2.23E-06	3.71E-06	5.25E-06	5.23E-06	6.57E-06	8.39E-06	8.39E-06	0.00E+00	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Custer County	40039	U	Trichloroethylene	8.12E-02	8.12E-02	8.17E-02	8.17E-02	8.18E-02	8.21E-02	8.21E-02	8.21E-02	9.41E-06	7.46E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Custer County	40039	U	Vinyl Chloride	5.52E-06	5.52E-06	9.18E-06	1.30E-05	1.30E-05	1.65E-05	2.10E-05	2.10E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Acetaldehyde	5.65E-02	5.65E-02	7.89E-02	8.55E-02	9.03E-02	9.45E-02	1.41E-01	1.41E-01	2.03E-06	2.29E-02	5.35E-02	1.38E-02	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Acrolein	1.56E-02	1.56E-02	1.61E-02	1.97E-02	1.88E-02	1.98E-02	2.12E-02	2.12E-02	2.18E-07	8.71E-03	7.91E-03	2.15E-03	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Acrylonitrile	1.06E-05	1.06E-05	1.46E-05	5.36E-05	6.36E-05	1.12E-04	1.75E-04	1.75E-04	0.00E+00	6.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Arsenic Compounds	8.62E-06	8.62E-06	9.53E-06	1.05E-05	1.21E-05	1.52E-05	1.87E-05	1.87E-05	4.81E-07	5.74E-07	7.53E-06	3.51E-06	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Benzene	5.94E-01	5.94E-01	5.98E-01	6.35E-01	6.29E-01	6.46E-01	6.78E-01	6.78E-01	1.89E-05	4.28E-02	6.90E-02	3.70E-02	4.80E-01	0.00E+00
Oklahoma	Delaware County	40041	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
Oklahoma	Delaware County	40041	R	Beryllium Compounds	2.10E-07	2.10E-07	2.14E-07	2.56E-07	3.13E-07	3.78E-07	5.71E-07	5.71E-07	2.50E-08	1.51E-07	0.00E+00	1.37E-07	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	1,3-Butadiene	4.09E-03	4.09E-03	4.96E-03	6.09E-03	7.08E-03	8.94E-03	1.19E-02	1.19E-02	0.00E+00	1.76E-03	3.33E-03	1.99E-03	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Cadmium Compounds	4.85E-07	4.85E-07	5.10E-07	5.68E-07	7.50E-07	1.04E-06	1.31E-06	1.31E-06	9.69E-08	5.17E-07	0.00E+00	1.36E-07	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.75E-02	4.75E-02	1.64E-07	1.66E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Oklahoma	Delaware County	40041	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.92E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Oklahoma	Delaware County	40041	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.40E-02	8.42E-02	8.43E-02	8.52E-02	8.52E-02	0.00E+00	1.18E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Oklahoma	Delaware County	40041	R	Chromium Compounds (includes Hexavalent)	5.24E-06	5.24E-06	7.05E-06	1.63E-05	2.58E-05	3.11E-05	9.06E-05	9.06E-05	3.10E-07	2.05E-05	4.76E-06	3.22E-07	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Chromium VI	2.95E-06	2.95E-06	3.46E-06	1.04E-05	1.38E-05	3.00E-05	3.41E-05	3.41E-05	8.39E-06	1.90E-06	1.10E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	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
Oklahoma	Delaware County	40041	R	1,4-Dichlorobenzene	1.84E-03	1.84E-03	2.11E-03	2.72E-03	2.90E-03	3.11E-03	5.50E-03	5.50E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	1,3-Dichloropropene	3.53E-03	3.53E-03	4.05E-03	5.25E-03	5.64E-03	5.88E-03	1.09E-02	1.09E-02	0.00E+00	5.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	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	3.32E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Oklahoma	Delaware County	40041	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.03E-08	6.81E-06	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Oklahoma	Delaware County	40041	R	Ethylene Oxide	2.12E-05	2.12E-05	2.78E-05	3.27E-05	6.59E-05	4.33E-05	2.70E-04	2.70E-04	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Formaldehyde	3.28E-01	3.28E-01	3.45E-01	3.59E-01	3.59E-01	3.69E-01	3.97E-01	3.97E-01	2.33E-04	4.33E-02	4.23E-02	2.31E-02	2.50E-01	0.00E+00
Oklahoma	Delaware County	40041	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.36E-05	9.36E-05	0.00E+00	2.46E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Oklahoma	Delaware County	40041	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	2.21E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Oklahoma	Delaware County	40041	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	1.62E-06	1.62E-06	0.00E+00	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Hydrazine	5.27E-11	5.27E-11	1.05E-10	1.54E-10	2.00E-10	2.48E-10	5.15E-10	5.15E-10	0.00E+00	2.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Lead Compounds	4.76E-05	4.76E-05	5.32E-05	1.01E-04	1.83E-04	3.52E-04	3.60E-04	3.60E-04	8.41E-07	2.10E-05	0.00E+00	1.61E-04	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Manganese Compounds	3.14E-06	3.14E-06	3.42E-06	7.13E-06	8.77E-06	9.46E-06	2.52E-05	2.52E-05	1.37E-06	5.59E-06	1.47E-06	3.36E-07	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	7.17E-07	1.53E-06	8.77E-06	3.06E-06	1.50E-03	0.00E+00
Oklahoma	Delaware County	40041	R	Methylene Chloride	1.56E-01	1.56E-01	1.60E-01	1.62E-01	1.65E-01	1.64E-01	1.89E-01	1.89E-01	2.47E-03	1.52E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Oklahoma	Delaware County	40041	R	Nickel Compounds	1.15E-05	1.15E-05	1.16E-05	1.44E-05	6.97E-05	1.89E-04	1.94E-04	1.94E-04	3.28E-07	6.53E-05	3.57E-06	5.42E-07	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.44E-01	1.47E-01	1.51E-01	1.51E-01	4.69E-08	4.27E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Oklahoma	Delaware County	40041	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.94E-04	4.00E-04	4.06E-04	4.08E-04	4.44E-04	4.44E-04	0.00E+00	2.62E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Oklahoma	Delaware County	40041	R	Polycyclic Organic Matter	6.81E-03	6.81E-03	7.43E-03	8.69E-03	8.72E-03	9.54E-03	1.12E-02	1.12E-02	2.11E-04	6.43E-03	1.75E-03	3.35E-04	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	7-PAH	5.54E-04	5.54E-04	5.55E-04	6.28E-04	6.38E-04	6.75E-04	8.03E-04	8.03E-04	4.84E-10	6.17E-04	1.29E-05	7.82E-06	0.00E+00	0.00E+00
Oklahoma	Delaware County	40041	R	Propylene Dichloride	5.62E-07	5.62E-07	6.90E-07	2.75E-06	3.44E-06	5.29E-06	1.04E-05	1.04E-05	0.00E+00	3.44E-06	0.00E+00			

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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
Oklahoma	Dewey County	40043	R	1,3-Butadiene	1.20E-03	1.20E-03	1.20E-03	1.44E-03	1.47E-03	1.76E-03	1.76E-03	1.76E-03	0.00E+00	8.71E-04	4.28E-04	1.68E-04	0.00E+00
Oklahoma	Dewey County	40043	R	Cadmium Compounds	2.03E-08	2.03E-08	2.03E-08	1.28E-07	3.81E-07	9.94E-07	9.94E-07	9.94E-07	0.00E+00	3.45E-07	0.00E+00	3.63E-08	0.00E+00
Oklahoma	Dewey County	40043	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	1.71E-05	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Dewey County	40043	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	2.46E-06	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Dewey County	40043	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.11E-04	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Dewey County	40043	R	Chromium Compounds (includes Hexavalent)	4.50E-07	4.50E-07	4.50E-07	5.51E-07	3.27E-06	8.80E-06	8.80E-06	8.80E-06	0.00E+00	2.79E-06	4.42E-07	4.15E-08	0.00E+00
Oklahoma	Dewey County	40043	R	Chromium VI	1.79E-07	1.79E-07	1.79E-07	2.13E-07	3.65E-07	7.02E-07	7.02E-07	7.02E-07	0.00E+00	1.80E-07	1.70E-07	1.41E-08	0.00E+00
Oklahoma	Dewey County	40043	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
Oklahoma	Dewey County	40043	R	1,4-Dichlorobenzene	1.72E-04	1.72E-04	1.72E-04	2.38E-04	2.25E-04	2.66E-04	2.66E-04	2.66E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Dewey County	40043	R	1,3-Dichloropropene	3.34E-04	3.34E-04	3.34E-04	4.69E-04	4.41E-04	5.21E-04	5.21E-04	5.21E-04	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Dewey County	40043	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	5.74E-09	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Dewey County	40043	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.83E-07	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Dewey County	40043	R	Ethylene Oxide	3.61E-06	3.61E-06	3.61E-06	5.12E-06	6.22E-06	9.94E-06	9.94E-06	9.94E-06	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Dewey County	40043	R	Formaldehyde	3.19E-01	3.19E-01	3.19E-01	3.22E-01	3.27E-01	3.40E-01	3.40E-01	3.40E-01	0.00E+00	6.55E-02	3.50E-03	8.06E-03	2.50E-01
Oklahoma	Dewey County	40043	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	6.84E-08	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Dewey County	40043	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	1.38E-09	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Dewey County	40043	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
Oklahoma	Dewey County	40043	R	Hydrazine	7.05E-12	7.05E-12	7.05E-12	2.09E-11	1.10E-10	3.01E-10	3.01E-10	3.01E-10	0.00E+00	1.10E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Dewey County	40043	R	Lead Compounds	3.15E-06	3.15E-06	3.15E-06	6.36E-06	1.10E-05	2.35E-05	2.35E-05	2.35E-05	0.00E+00	7.59E-06	0.00E+00	3.41E-06	0.00E+00
Oklahoma	Dewey County	40043	R	Manganese Compounds	2.62E-07	2.62E-07	2.62E-07	3.45E-07	5.54E-07	1.06E-06	1.06E-06	1.06E-06	0.00E+00	3.44E-07	1.30E-07	8.01E-08	0.00E+00
Oklahoma	Dewey County	40043	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.10E-07	8.69E-07	8.81E-07	1.50E-03
Oklahoma	Dewey County	40043	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	0.00E+00	8.87E-04	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Dewey County	40043	R	Nickel Compounds	9.86E-07	9.86E-07	9.86E-07	1.05E-06	2.02E-06	4.04E-06	4.04E-06	4.04E-06	0.00E+00	1.57E-06	3.39E-07	1.19E-07	0.00E+00
Oklahoma	Dewey County	40043	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	1.33E-04	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Dewey County	40043	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	2.01E-06	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Dewey County	40043	R	Polycyclic Organic Matter	7.70E-04	7.70E-04	7.70E-04	1.29E-03	1.21E-03	1.57E-03	1.57E-03	1.57E-03	0.00E+00	9.81E-04	1.70E-04	5.60E-05	0.00E+00
Oklahoma	Dewey County	40043	R	7-PAH	8.83E-05	8.83E-05	8.83E-05	1.37E-04	1.25E-04	1.51E-04	1.51E-04	1.51E-04	0.00E+00	1.23E-04	1.24E-06	8.59E-07	0.00E+00
Oklahoma	Dewey County	40043	R	Propylene Dichloride	3.78E-07	3.78E-07	3.78E-07	4.45E-07	4.52E-07	5.35E-07	5.35E-07	5.35E-07	0.00E+00	4.52E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Dewey County	40043	R	Quinoline	1.15E-10	1.15E-10	1.15E-10	3.75E-10	2.23E-09	6.20E-09	6.20E-09	6.20E-09	0.00E+00	2.23E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Dewey County	40043	R	1,1,2,2-Tetrachloroethane	3.22E-06	3.22E-06	3.22E-06	3.30E-06	3.74E-06	4.69E-06	4.69E-06	4.69E-06	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Dewey County	40043	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	0.00E+00	6.53E-05	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Dewey County	40043	R	Vinyl Chloride	7.94E-06	7.94E-06	7.94E-06	8.34E-06	9.28E-06	1.16E-05	1.16E-05	1.16E-05	0.00E+00	9.28E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	R	Acetaldehyde	1.95E+00	1.95E+00	1.95E+00	2.46E+00	2.46E+00	2.96E+00	2.96E+00	2.96E+00	0.00E+00	2.45E+00	2.90E-03	7.04E-03	0.00E+00
Oklahoma	Ellis County	40045	R	Acrolein	4.44E-03	4.44E-03	4.44E-03	6.05E-03	6.05E-03	7.65E-03	7.65E-03	7.65E-03	0.00E+00	5.17E-03	4.83E-04	3.95E-04	0.00E+00
Oklahoma	Ellis County	40045	R	Acrylonitrile	2.95E-06	2.95E-06	2.95E-06	4.19E-06	4.19E-06	5.42E-06	5.42E-06	5.42E-06	0.00E+00	4.19E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	R	Arsenic Compounds	1.06E-06	1.06E-06	1.06E-06	1.36E-06	1.36E-06	1.66E-06	1.66E-06	1.66E-06	0.00E+00	2.70E-08	5.46E-07	7.86E-07	0.00E+00
Oklahoma	Ellis County	40045	R	Benzene	5.01E-01	5.01E-01	5.01E-01	5.02E-01	5.02E-01	5.03E-01	5.03E-01	5.03E-01	6.21E-04	1.52E-02	4.74E-03	1.68E-03	4.80E-01
Oklahoma	Ellis County	40045	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
Oklahoma	Ellis County	40045	R	Beryllium Compounds	4.30E-07	4.30E-07	4.30E-07	7.96E-07	7.96E-07	1.16E-06	1.16E-06	1.16E-06	0.00E+00	7.96E-09	0.00E+00	7.88E-07	0.00E+00
Oklahoma	Ellis County	40045	R	1,3-Butadiene	1.26E-03	1.26E-03	1.26E-03	1.96E-03	1.96E-03	2.65E-03	2.65E-03	2.65E-03	0.00E+00	1.51E-03	2.89E-04	1.56E-04	0.00E+00
Oklahoma	Ellis County	40045	R	Cadmium Compounds	4.58E-07	4.58E-07	4.58E-07	8.52E-07	8.52E-07	1.25E-06	1.25E-06	1.25E-06	0.00E+00	6.72E-08	0.00E+00	7.85E-07	0.00E+00
Oklahoma	Ellis County	40045	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	2.40E-05	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Ellis County	40045	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	2.24E-06	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Ellis County	40045	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	3.45E-05	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Ellis County	40045	R	Chromium Compounds (includes Hexavalent)	4.18E-07	4.18E-07	4.18E-07	6.53E-07	6.53E-07	8.89E-07	8.89E-07	8.89E-07	0.00E+00	2.38E-08	3.15E-07	3.14E-07	0.00E+00
Oklahoma	Ellis County	40045	R	Chromium VI	1.57E-07	1.57E-07	1.57E-07	2.42E-07	2.42E-07	3.28E-07	3.28E-07	3.28E-07	0.00E+00	1.21E-08	1.23E-07	1.07E-07	0.00E+00
Oklahoma	Ellis County	40045	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
Oklahoma	Ellis County	40045	R	1,4-Dichlorobenzene	1.34E-04	1.34E-04	1.34E-04	1.78E-04	1.78E-04	2.22E-04	2.22E-04	2.22E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	R	1,3-Dichloropropene	2.56E-04	2.56E-04	2.56E-04	3.44E-04	3.44E-04	4.33E-04	4.33E-04	4.33E-04	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	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	6.15E-09	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Ellis County	40045	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	5.76E-07	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Ellis County	40045	R	Ethylene Oxide	4.80E-06	4.80E-06	4.80E-06	1.15E-05	1.15E-05	1.81E-05	1.81E-05	1.81E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	R	Formaldehyde	4.35E-01	4.35E-01	4.35E-01	5.99E-01	5.99E-01	7.63E-01	7.63E-01	7.63E-01	0.00E+00	3.36E-01	2.54E-03	1.01E-02	2.50E-01
Oklahoma	Ellis County	40045	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	6.45E-08	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Ellis County	40045	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	1.16E-09	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Ellis County	40045	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
Oklahoma	Ellis County	40045	R	Hydrazine	1.96E-10	1.96E-10											

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

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
Oklahoma	Ellis County	40045	R	Polycyclic Organic Matter	1.22E-03	1.22E-03	1.22E-03	1.24E-03	1.24E-03	1.26E-03	1.26E-03	1.26E-03	0.00E+00	9.45E-04	1.28E-04	1.65E-04	0.00E+00
Oklahoma	Ellis County	40045	R	7-PAH	1.11E-04	1.11E-04	1.11E-04	2.02E-04	2.02E-04	2.92E-04	2.92E-04	2.92E-04	0.00E+00	1.99E-04	8.99E-07	1.90E-06	0.00E+00
Oklahoma	Ellis County	40045	R	Propylene Dichloride	2.01E-07	2.01E-07	2.01E-07	2.69E-07	2.69E-07	3.37E-07	3.37E-07	3.37E-07	0.00E+00	2.69E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	R	Quinoline	2.97E-09	2.97E-09	2.97E-09	4.89E-09	4.89E-09	6.81E-09	6.81E-09	6.81E-09	0.00E+00	4.89E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	R	1,1,2,2-Tetrachloroethane	1.02E-06	1.02E-06	1.02E-06	1.87E-06	1.87E-06	2.72E-06	2.72E-06	2.72E-06	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ellis County	40045	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	4.80E-05	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Ellis County	40045	R	Vinyl Chloride	2.73E-06	2.73E-06	2.73E-06	4.77E-06	4.77E-06	6.80E-06	6.80E-06	6.80E-06	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	Acetaldehyde	4.13E-02	4.44E-02	5.23E-02	1.05E-01	9.47E-02	1.29E-01	1.30E-01	1.40E-01	0.00E+00	1.50E-02	4.83E-02	3.14E-02	0.00E+00
Oklahoma	Garfield County	40047	U	Acrolein	3.05E-03	3.07E-03	4.61E-03	9.83E-03	8.59E-03	1.23E-02	1.36E-02	1.51E-02	0.00E+00	1.35E-03	5.70E-03	1.54E-03	0.00E+00
Oklahoma	Garfield County	40047	U	Acrylonitrile	1.37E-05	1.62E-05	5.58E-05	7.76E-05	1.06E-04	1.20E-04	1.24E-04	4.48E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	Arsenic Compounds	4.32E-06	4.50E-06	8.51E-06	2.10E-05	1.88E-05	2.77E-05	3.17E-05	3.68E-05	0.00E+00	2.20E-06	9.85E-06	6.73E-06	0.00E+00
Oklahoma	Garfield County	40047	U	Benzene	5.16E-01	5.24E-01	5.55E-01	7.36E-01	7.01E-01	8.06E-01	8.70E-01	9.73E-01	1.40E-02	6.57E-02	1.19E-01	2.29E-02	4.80E-01
Oklahoma	Garfield County	40047	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
Oklahoma	Garfield County	40047	U	Beryllium Compounds	2.30E-07	2.35E-07	4.44E-07	1.13E-06	1.24E-06	2.34E-06	2.41E-06	2.42E-06	0.00E+00	5.59E-07	0.00E+00	6.77E-07	0.00E+00
Oklahoma	Garfield County	40047	U	1,3-Butadiene	1.38E-03	1.42E-03	5.18E-03	1.76E-02	1.63E-02	2.63E-02	2.86E-02	3.81E-02	0.00E+00	1.73E-05	1.37E-02	2.64E-03	0.00E+00
Oklahoma	Garfield County	40047	U	Cadmium Compounds	2.71E-07	2.75E-07	5.65E-07	1.50E-06	1.59E-06	2.91E-06	3.14E-06	3.17E-06	0.00E+00	9.09E-07	0.00E+00	6.76E-07	0.00E+00
Oklahoma	Garfield County	40047	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.73E-02	4.72E-02	4.73E-02	4.73E-02	4.74E-02	0.00E+00	2.24E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Garfield County	40047	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.75E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Garfield County	40047	U	Chloroform	8.34E-02	8.34E-02	8.46E-02	8.78E-02	8.78E-02	9.08E-02	9.10E-02	9.39E-02	0.00E+00	4.77E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Garfield County	40047	U	Chromium Compounds (includes Hexavalent)	1.32E-06	1.43E-06	3.76E-06	1.24E-05	1.31E-05	1.66E-05	1.99E-05	4.36E-05	0.00E+00	5.73E-06	7.35E-06	4.41E-07	0.00E+00
Oklahoma	Garfield County	40047	U	Chromium VI	5.38E-07	1.43E-06	1.56E-06	4.53E-06	4.01E-06	6.05E-06	7.15E-06	8.36E-06	0.00E+00	9.33E-07	2.92E-06	1.50E-07	0.00E+00
Oklahoma	Garfield County	40047	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
Oklahoma	Garfield County	40047	U	1,4-Dichlorobenzene	6.96E-04	7.83E-04	2.54E-03	7.44E-03	7.72E-03	1.28E-02	1.30E-02	1.79E-02	0.00E+00	7.72E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	1,3-Dichloropropene	1.36E-03	1.53E-03	5.10E-03	1.51E-02	1.57E-02	2.61E-02	2.66E-02	3.66E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.89E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Garfield County	40047	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	1.13E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Garfield County	40047	U	Ethylene Oxide	2.34E-05	2.42E-05	8.95E-05	2.86E-04	4.57E-04	5.25E-04	6.12E-04	2.60E-03	0.00E+00	4.57E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	Formaldehyde	2.95E-01	2.99E-01	3.00E-01	3.65E-01	3.54E-01	4.01E-01	4.13E-01	4.33E-01	0.00E+00	9.47E-03	5.41E-02	4.08E-02	2.50E-01
Oklahoma	Garfield County	40047	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.33E-05	9.34E-05	9.34E-05	9.35E-05	0.00E+00	2.95E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Garfield County	40047	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	3.40E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Garfield County	40047	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
Oklahoma	Garfield County	40047	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-13	0.00E+00	0.00E+00	0.00E+00	2.58E-12	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	Lead Compounds	5.03E-05	5.62E-05	7.64E-05	1.50E-04	1.70E-04	2.28E-04	2.67E-04	4.46E-04	0.00E+00	2.92E-05	0.00E+00	1.41E-04	0.00E+00
Oklahoma	Garfield County	40047	U	Manganese Compounds	2.54E-06	3.37E-06	4.35E-06	8.88E-06	8.35E-06	1.03E-05	1.50E-05	1.53E-05	0.00E+00	5.28E-06	2.46E-06	6.05E-07	0.00E+00
Oklahoma	Garfield County	40047	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	0.00E+00	2.29E-06	1.04E-05	6.33E-06	1.50E-03
Oklahoma	Garfield County	40047	U	Methylene Chloride	1.53E-01	1.53E-01	1.60E-01	1.85E-01	1.79E-01	1.96E-01	2.11E-01	2.15E-01	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Garfield County	40047	U	Nickel Compounds	3.95E-05	4.84E-05	6.76E-05	1.12E-04	1.65E-04	1.84E-04	1.98E-04	6.29E-04	0.00E+00	1.59E-04	5.50E-06	1.01E-06	0.00E+00
Oklahoma	Garfield County	40047	U	Perchloroethylene	1.42E-01	1.42E-01	1.49E-01	1.61E-01	1.56E-01	1.63E-01	1.64E-01	1.65E-01	0.00E+00	1.59E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Garfield County	40047	U	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.86E-04	4.02E-04	3.98E-04	4.08E-04	4.09E-04	4.18E-04	0.00E+00	1.79E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Garfield County	40047	U	Polycyclic Organic Matter	1.96E-03	2.02E-03	4.38E-03	1.61E-02	1.41E-02	2.41E-02	2.44E-02	3.21E-02	2.25E-03	8.43E-03	2.87E-03	5.40E-04	0.00E+00
Oklahoma	Garfield County	40047	U	7-PAH	4.04E-05	4.97E-05	7.11E-05	2.35E-04	1.90E-04	2.58E-04	3.20E-04	4.56E-04	0.00E+00	1.67E-04	1.86E-05	4.68E-06	0.00E+00
Oklahoma	Garfield County	40047	U	Propylene Dichloride	7.11E-07	8.77E-07	2.51E-06	4.33E-06	5.85E-06	6.43E-06	6.63E-06	2.63E-05	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-12	0.00E+00	0.00E+00	7.14E-11	0.00E+00	6.49E-12	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	1,1,2,2-Tetrachloroethane	5.49E-06	7.14E-06	1.55E-05	3.44E-05	4.86E-05	5.14E-05	5.33E-05	2.33E-04	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garfield County	40047	U	Trichloroethylene	8.12E-02	8.13E-02	8.19E-02	8.44E-02	8.41E-02	8.56E-02	8.73E-02	8.87E-02	0.00E+00	3.07E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Garfield County	40047	U	Vinyl Chloride	1.36E-05	1.76E-05	3.83E-05	8.49E-05	1.20E-04	1.27E-04	1.32E-04	5.74E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Acetaldehyde	3.72E-02	3.72E-02	4.32E-02	5.85E-02	6.50E-02	7.75E-02	1.09E-01	1.09E-01	1.30E-04	2.14E-02	3.77E-02	5.76E-03	0.00E+00
Oklahoma	Garvin County	40049	R	Acrolein	6.39E-03	6.39E-03	7.64E-03	1.06E-02	1.09E-02	1.36E-02	1.67E-02	1.67E-02	1.04E-04	5.22E-03	4.76E-03	7.90E-04	0.00E+00
Oklahoma	Garvin County	40049	R	Acrylonitrile	9.26E-06	9.26E-06	1.25E-05	2.03E-05	2.34E-05	3.57E-05	4.26E-05	4.26E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Arsenic Compounds	3.44E-06	3.44E-06	3.91E-06	8.07E-06	1.06E-05	1.44E-05	2.25E-05	2.25E-05	1.37E-06	5.71E-07	7.09E-06	1.53E-06	0.00E+00
Oklahoma	Garvin County	40049	R	Benzene	5.29E-01	5.29E-01	5.34E-01	6.13E-01	6.26E-01	6.72E-01	8.60E-01	8.60E-01	1.48E-02	5.84E-02	6.23E-02	1.03E-02	4.80E-01
Oklahoma	Garvin County	40049	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
Oklahoma	Garvin County	40049	R	Beryllium Compounds	1.33E-07	1.33E-07	2.11E-07	4.00E-07	9.38E-07	1.47E-06	2.81E-06	2.81E-06	2.83E-07	1.41E-07	0.00E+00	5.14E-07	0.00E+00
Oklahoma	Garvin County	40049	R	1,3-Butadiene	2.21E-03	2.21E-03	2.90E-03	6.14E-03	7.76E-03	1.06E-02	1.93E-02	1.93E-02	1.02E-04	1.35E-03	5.49E-03	8.17E-04	0.00E+00
Oklahoma	Garvin County	40049	R	Cadmium Compounds	4.90E-07	4.90E-07	8.35E-07	8.56E-07	3.04E-06	4.47E-06	9.84E-06	9.84E-06	2.26E-06	2.66E-07	0.00E+00	5.13E-07	0.00E+00
Oklahoma	Garvin County	40049	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.73E-02	1.40E-05	1.24E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Garvin County	40049	R	Carbon Tetrachloride</													

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

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		
Oklahoma	Garvin County	40049	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Garvin County	40049	R	Ethylene Oxide	1.06E-05	1.06E-05	2.64E-05	7.69E-05	8.07E-05	9.95E-05	1.92E-04	1.92E-04	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Formaldehyde	2.92E-01	2.92E-01	3.08E-01	3.13E-01	3.25E-01	3.46E-01	3.75E-01	3.75E-01	5.58E-04	2.99E-02	3.41E-02	1.03E-02	2.50E-01	2.50E-01	
Oklahoma	Garvin County	40049	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	0.00E+00	2.06E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Garvin County	40049	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	1.94E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Garvin County	40049	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	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Hydrazine	5.57E-12	5.57E-12	7.29E-12	1.52E-11	1.81E-11	2.21E-11	4.21E-11	4.21E-11	0.00E+00	1.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Lead Compounds	1.61E-05	1.61E-05	5.23E-05	9.31E-05	2.24E-04	3.01E-04	1.05E-03	1.05E-03	1.15E-05	9.26E-06	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Manganese Compounds	2.36E-06	2.36E-06	3.80E-06	8.44E-06	1.29E-05	1.79E-05	3.97E-05	3.97E-05	9.45E-06	1.89E-06	1.39E-06	1.78E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	8.00E-07	8.45E-07	8.25E-06	1.83E-06	1.50E-03	1.50E-03	
Oklahoma	Garvin County	40049	R	Methylene Chloride	1.52E-01	1.52E-01	1.54E-01	1.56E-01	1.61E-01	1.63E-01	1.81E-01	1.81E-01	3.61E-06	1.08E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01	1.50E-01
Oklahoma	Garvin County	40049	R	Nickel Compounds	4.91E-06	4.91E-06	6.73E-06	2.24E-05	2.63E-05	3.38E-05	6.81E-05	6.81E-05	1.08E-05	1.19E-05	3.30E-06	3.36E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.44E-01	1.49E-01	1.49E-01	8.10E-04	2.45E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01	1.40E-01
Oklahoma	Garvin County	40049	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.87E-04	3.91E-04	3.98E-04	4.10E-04	4.27E-04	4.27E-04	7.10E-09	1.76E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04	3.80E-04
Oklahoma	Garvin County	40049	R	Polycyclic Organic Matter	2.24E-03	2.24E-03	3.12E-03	7.38E-03	8.41E-03	1.07E-02	2.63E-02	2.63E-02	1.20E-03	5.34E-03	1.62E-03	2.47E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	7-PAH	1.67E-04	1.67E-04	2.02E-04	3.09E-04	3.02E-04	3.78E-04	4.80E-04	4.80E-04	9.77E-07	2.86E-04	1.20E-05	2.70E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Propylene Dichloride	4.84E-07	4.84E-07	5.40E-07	1.03E-06	1.09E-06	1.45E-06	2.02E-06	2.02E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Quinoline	9.41E-11	9.41E-11	2.47E-10	3.86E-10	4.02E-10	4.80E-10	7.43E-10	7.43E-10	0.00E+00	4.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	1,1,2,2-Tetrachloroethane	2.05E-06	2.05E-06	4.05E-06	5.14E-06	7.03E-06	8.64E-06	1.72E-05	1.72E-05	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Garvin County	40049	R	Trichloroethylene	8.12E-02	8.12E-02	8.13E-02	8.14E-02	8.19E-02	8.20E-02	8.38E-02	8.38E-02	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02	8.10E-02
Oklahoma	Garvin County	40049	R	Vinyl Chloride	5.10E-06	5.10E-06	9.10E-06	1.00E-05	1.46E-05	1.29E-05	4.24E-05	4.24E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Acetaldehyde	1.17E-01	1.38E-01	1.53E-01	1.78E-01	1.84E-01	2.03E-01	2.27E-01	2.82E-01	3.10E-04	7.45E-02	1.00E-01	9.34E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Acrolein	7.95E-03	9.47E-03	1.18E-02	2.03E-02	1.87E-02	2.51E-02	2.74E-02	2.86E-02	4.80E-06	4.31E-03	1.23E-02	1.43E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Acrylonitrile	2.81E-05	2.91E-05	7.45E-05	1.12E-04	1.11E-04	1.46E-04	1.77E-04	2.31E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Arsenic Compounds	4.10E-06	8.68E-06	9.39E-06	1.88E-05	2.77E-05	4.93E-05	5.44E-05	6.63E-05	3.77E-08	2.65E-06	2.18E-05	3.19E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Benzene	5.48E-01	5.76E-01	5.88E-01	6.98E-01	7.70E-01	9.50E-01	1.09E+00	1.15E+00	1.77E-04	6.34E-02	2.08E-01	1.83E-02	4.80E-01	4.80E-01	
Oklahoma	Grady County	40051	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	0.00E+00
Oklahoma	Grady County	40051	R	Beryllium Compounds	1.27E-07	2.51E-07	2.74E-07	5.22E-07	1.02E-06	1.43E-06	2.23E-06	3.26E-06	2.00E-09	6.35E-07	0.00E+00	3.79E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	1,3-Butadiene	3.22E-03	3.57E-03	4.93E-03	1.13E-02	2.42E-02	4.87E-02	5.74E-02	6.12E-02	9.85E-05	8.28E-04	2.14E-02	1.84E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Cadmium Compounds	1.79E-07	3.45E-07	3.90E-07	8.49E-07	1.46E-06	1.98E-06	3.24E-06	4.72E-06	4.99E-09	1.08E-06	0.00E+00	3.78E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Carbon Disulfide	4.70E-02	4.71E-02	4.71E-02	4.74E-02	4.75E-02	4.76E-02	4.81E-02	4.90E-02	1.48E-08	5.17E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02	4.70E-02
Oklahoma	Grady County	40051	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	1.18E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01	8.80E-01
Oklahoma	Grady County	40051	R	Chloroform	8.33E-02	8.36E-02	8.39E-02	8.51E-02	8.56E-02	8.62E-02	8.96E-02	8.96E-02	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02	8.30E-02
Oklahoma	Grady County	40051	R	Chromium Compounds (includes Hexavalent)	1.77E-05	2.17E-05	2.93E-05	4.70E-05	5.33E-05	5.43E-05	9.36E-05	1.51E-04	2.43E-05	1.41E-05	1.46E-05	3.42E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Chromium VI	6.22E-06	9.71E-06	1.06E-05	2.06E-05	2.19E-05	2.51E-05	3.53E-05	5.80E-05	8.22E-06	7.75E-06	5.77E-06	1.16E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-11	0.00E+00	1.40E-10	2.27E-10	3.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	1,4-Dichlorobenzene	1.08E-03	1.83E-03	1.89E-03	6.04E-03	7.41E-03	9.98E-03	1.74E-02	2.36E-02	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	1,3-Dichloropropene	2.11E-03	3.53E-03	3.63E-03	1.19E-02	1.49E-02	2.03E-02	3.53E-02	4.81E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	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	4.80E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03	7.70E-03
Oklahoma	Grady County	40051	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.54E-09	9.31E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02	6.10E-02
Oklahoma	Grady County	40051	R	Ethylene Oxide	1.05E-05	3.50E-05	5.58E-05	9.22E-05	2.38E-04	1.56E-04	4.57E-04	1.41E-03	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Formaldehyde	3.38E-01	3.48E-01	3.60E-01	4.45E-01	4.23E-01	4.77E-01	5.05E-01	5.12E-01	3.33E-04	5.10E-02	1.04E-01	1.84E-02	2.50E-01	2.50E-01	
Oklahoma	Grady County	40051	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.36E-05	9.40E-05	9.45E-05	9.47E-05	0.00E+00	5.77E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	9.30E-05
Oklahoma	Grady County	40051	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	7.10E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03	1.80E-03
Oklahoma	Grady County	40051	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	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Hydrazine	2.10E-10	2.55E-10	3.65E-10	1.64E-09	3.54E-09	2.44E-09	1.20E-08	1.73E-08	0.00E+00	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Lead Compounds	6.49E-05	3.24E-04	3.54E-04	4.91E-04	5.24E-04	7.40E-04	8.52E-04	9.91E-04	4.09E-08	4.89E-05	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Manganese Compounds	9.82E-06	1.39E-05	1.45E-05	2.27E-05	4.53E-05	7.34E-05	7.94E-05	1.47E-04	1.80E-05	2.22E-05	4.75E-06	3.22E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Grady County	40051	R	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.56E-03	1.57E-03	1.58E-03	9.42E-09	4.76E-06	2.41E-05	3.01E-06	1.50E-03	1.50E-03	
Oklahoma	Grady County	40051	R	Methylene Chloride	1.54E-01	1.57E-01	1.64E-01	1.94E-01	2.05E-01	2.60E-01	2.94E-01	1.37E-02	4.08E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01	1.50E-01	
Oklahoma	Grady County	40051	R	Nickel Compounds	6.01E-06	1.58E-05	1.74E-05	7.34E-05	7.26E-05	1.01E-04	1.59E-04	1.88E-04	6.90E-06	5.40E-0					

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

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	
Oklahoma	Grant County	40053	R	Benzene	5.05E-01	5.05E-01	5.05E-01	5.11E-01	5.11E-01	5.16E-01	5.16E-01	5.16E-01	1.32E-03	1.10E-02	1.25E-02	5.87E-03	4.80E-01	
Oklahoma	Grant County	40053	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
Oklahoma	Grant County	40053	R	Beryllium Compounds	1.00E-07	1.00E-07	1.00E-07	1.32E-07	1.32E-07	1.65E-07	1.65E-07	1.65E-07	0.00E+00	2.67E-08	0.00E+00	1.06E-07	0.00E+00	
Oklahoma	Grant County	40053	R	1,3-Butadiene	6.97E-04	6.97E-04	6.97E-04	9.77E-04	9.77E-04	1.26E-03	1.26E-03	1.26E-03	0.00E+00	9.79E-06	6.01E-04	3.66E-04	0.00E+00	
Oklahoma	Grant County	40053	R	Cadmium Compounds	1.21E-07	1.21E-07	1.21E-07	1.60E-07	1.60E-07	1.99E-07	1.99E-07	1.99E-07	0.00E+00	5.46E-08	0.00E+00	1.05E-07	0.00E+00	
Oklahoma	Grant County	40053	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	2.94E-05	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Grant County	40053	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.16E-06	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Grant County	40053	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	2.38E-04	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Grant County	40053	R	Chromium Compounds (includes Hexavalent)	2.16E-05	2.16E-05	2.16E-05	5.14E-05	5.14E-05	5.14E-05	8.13E-05	8.13E-05	0.00E+00	5.05E-05	7.89E-07	7.78E-08	0.00E+00	
Oklahoma	Grant County	40053	R	Chromium VI	1.02E-06	1.02E-06	1.02E-06	1.89E-06	1.89E-06	2.75E-06	2.75E-06	2.75E-06	0.00E+00	1.55E-06	3.07E-07	2.65E-08	0.00E+00	
Oklahoma	Grant County	40053	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	
Oklahoma	Grant County	40053	R	1,4-Dichlorobenzene	3.60E-04	3.60E-04	3.60E-04	5.19E-04	5.19E-04	6.78E-04	6.78E-04	6.78E-04	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Grant County	40053	R	1,3-Dichloropropene	6.81E-04	6.81E-04	6.81E-04	1.00E-03	1.00E-03	1.33E-03	1.33E-03	1.33E-03	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Grant County	40053	R	Ethylene Dichloride	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	1.31E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Grant County	40053	R	Ethylene Dibromide	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	2.88E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Grant County	40053	R	Ethylene Oxide	8.70E-06	8.70E-06	8.70E-06	1.36E-05	1.36E-05	1.86E-05	1.86E-05	1.86E-05	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Grant County	40053	R	Formaldehyde	2.99E-01	2.99E-01	2.99E-01	3.06E-01	3.06E-01	3.13E-01	3.13E-01	3.13E-01	0.00E+00	1.39E-02	7.23E-03	3.48E-02	2.50E-01	
Oklahoma	Grant County	40053	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	1.25E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Grant County	40053	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	4.14E-09	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Grant County	40053	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	
Oklahoma	Grant County	40053	R	Hydrazine	1.58E-12	1.58E-12	1.58E-12	6.22E-12	6.22E-12	1.09E-11	1.09E-11	1.09E-11	0.00E+00	6.22E-12	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Grant County	40053	R	Lead Compounds	1.95E-05	1.95E-05	1.95E-05	2.69E-05	2.69E-05	3.42E-05	3.42E-05	3.42E-05	0.00E+00	1.14E-06	0.00E+00	2.57E-05	0.00E+00	
Oklahoma	Grant County	40053	R	Manganese Compounds	8.56E-07	8.56E-07	8.56E-07	1.30E-06	1.30E-06	1.74E-06	1.74E-06	1.74E-06	0.00E+00	7.98E-07	2.34E-07	2.67E-07	0.00E+00	
Oklahoma	Grant County	40053	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	1.45E-07	1.43E-06	3.09E-06	1.50E-03	
Oklahoma	Grant County	40053	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	2.27E-03	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Grant County	40053	R	Nickel Compounds	1.83E-05	1.83E-05	1.83E-05	2.39E-05	2.39E-05	2.95E-05	2.95E-05	2.95E-05	0.00E+00	2.29E-05	5.95E-07	3.88E-07	0.00E+00	
Oklahoma	Grant County	40053	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	9.14E-04	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Grant County	40053	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Grant County	40053	R	Polycyclic Organic Matter	1.08E-03	1.08E-03	1.08E-03	1.42E-03	1.42E-03	1.76E-03	1.76E-03	1.76E-03	0.00E+00	2.08E-04	7.90E-04	3.05E-04	1.58E-04	
Oklahoma	Grant County	40053	R	7-PAH	2.52E-05	2.52E-05	2.52E-05	3.10E-05	3.10E-05	3.67E-05	3.67E-05	3.67E-05	0.00E+00	2.76E-05	2.14E-06	1.25E-06	0.00E+00	
Oklahoma	Grant County	40053	R	Propylene Dichloride	9.82E-07	9.82E-07	9.82E-07	1.48E-06	1.48E-06	1.97E-06	1.97E-06	1.97E-06	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Grant County	40053	R	Quinoline	3.34E-11	3.34E-11	3.34E-11	1.35E-10	1.35E-10	2.36E-10	2.36E-10	2.36E-10	0.00E+00	1.35E-10	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Grant County	40053	R	1,1,2,2-Tetrachloroethane	8.22E-06	8.22E-06	8.22E-06	1.29E-05	1.29E-05	1.76E-05	1.76E-05	1.76E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Grant County	40053	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.75E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Grant County	40053	R	Vinyl Chloride	2.03E-05	2.03E-05	2.03E-05	3.18E-05	3.18E-05	4.33E-05	4.33E-05	4.33E-05	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	R	Acetaldehyde	3.21E+00	3.21E+00	3.21E+00	3.23E+00	3.23E+00	3.26E+00	3.26E+00	3.26E+00	0.00E+00	3.22E+00	9.63E-03	9.21E-03	0.00E+00	
Oklahoma	Greer County	40055	R	Acrolein	6.01E-03	6.01E-03	6.01E-03	6.12E-03	6.12E-03	6.22E-03	6.22E-03	6.22E-03	0.00E+00	4.20E-03	1.47E-03	4.43E-04	0.00E+00	
Oklahoma	Greer County	40055	R	Acrylonitrile	1.51E-05	1.51E-05	1.51E-05	2.30E-05	2.30E-05	3.09E-05	3.09E-05	3.09E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	R	Arsenic Compounds	3.51E-06	3.51E-06	3.51E-06	3.69E-06	3.69E-06	3.87E-06	3.87E-06	3.87E-06	0.00E+00	1.11E-07	1.29E-06	2.29E-06	0.00E+00	
Oklahoma	Greer County	40055	R	Benzene	5.10E-01	5.10E-01	5.10E-01	5.11E-01	5.11E-01	5.12E-01	5.12E-01	5.12E-01	0.00E+00	1.25E-02	1.34E-02	5.36E-03	4.80E-01	
Oklahoma	Greer County	40055	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	
Oklahoma	Greer County	40055	R	Beryllium Compounds	2.86E-08	2.86E-08	2.86E-08	3.39E-08	3.39E-08	3.92E-08	3.92E-08	3.92E-08	0.00E+00	3.16E-08	0.00E+00	2.29E-09	0.00E+00	
Oklahoma	Greer County	40055	R	1,3-Butadiene	2.95E-03	2.95E-03	2.95E-03	2.97E-03	2.97E-03	2.98E-03	2.98E-03	2.98E-03	0.00E+00	1.91E-03	7.38E-04	3.15E-04	0.00E+00	
Oklahoma	Greer County	40055	R	Cadmium Compounds	7.34E-08	7.34E-08	7.34E-08	7.92E-08	7.92E-08	8.49E-08	8.49E-08	8.49E-08	0.00E+00	7.69E-08	0.00E+00	2.27E-09	0.00E+00	
Oklahoma	Greer County	40055	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	3.77E-05	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Greer County	40055	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	9.73E-06	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Greer County	40055	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.91E-04	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Greer County	40055	R	Chromium Compounds (includes Hexavalent)	9.17E-07	9.17E-07	9.17E-07	9.76E-07	9.76E-07	1.03E-06	1.03E-06	1.03E-06	0.00E+00	7.88E-08	8.50E-07	4.69E-08	0.00E+00	
Oklahoma	Greer County	40055	R	Chromium VI	3.76E-07	3.76E-07	3.76E-07	4.00E-07	4.00E-07	4.24E-07	4.24E-07	4.24E-07	0.00E+00	4.37E-08	3.40E-07	1.60E-08	0.00E+00	
Oklahoma	Greer County	40055	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	
Oklahoma	Greer County	40055	R	1,4-Dichlorobenzene	7.73E-04	7.73E-04	7.73E-04	8.54E-04	8.54E-04	9.35E-04	9.35E-04	9.35E-04	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	R	1,3-Dichloropropene	1.52E-03	1.52E-03	1.52E-03	1.67E-03	1.67E-03	1.83E-03	1.83E-03	1.83E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	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	1.12E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Greer County	40055	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	2.52E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Greer County	40055	R	Ethylene Oxide	2.36E-05	2.36E-05	2.36E-05	2.68E-05	2.68E-05	2.99E-05	2.99E-05	2.99E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	R	Formaldehyde	1.58E+00	1.58E+00	1.58E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00	0.00E+00	1.31E+00	7.28E-03	1.37E-02	2.50E-01	
Oklahoma	Greer County	4005																

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

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	
Oklahoma	Greer County	40055	R	Nickel Compounds	1.85E-06	1.85E-06	1.85E-06	2.00E-06	2.00E-06	2.15E-06	2.15E-06	2.15E-06	0.00E+00	1.12E-06	6.28E-07	2.47E-07	0.00E+00	
Oklahoma	Greer County	40055	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Greer County	40055	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	3.71E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Greer County	40055	R	Polycyclic Organic Matter	1.65E-03	1.65E-03	1.65E-03	1.73E-03	1.73E-03	1.81E-03	1.81E-03	1.81E-03	0.00E+00	1.28E-03	3.41E-04	1.07E-04	0.00E+00	
Oklahoma	Greer County	40055	R	7-PAH	2.09E-04	2.09E-04	2.09E-04	2.10E-04	2.10E-04	2.11E-04	2.11E-04	2.11E-04	0.00E+00	2.07E-04	2.20E-06	1.18E-06	0.00E+00	
Oklahoma	Greer County	40055	R	Propylene Dichloride	8.28E-07	8.28E-07	8.28E-07	1.30E-06	1.30E-06	1.77E-06	1.77E-06	1.77E-06	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	R	Quinoline	6.81E-11	6.81E-11	6.81E-11	1.41E-10	1.41E-10	2.14E-10	2.14E-10	2.14E-10	0.00E+00	1.41E-10	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	R	1,1,2,2-Tetrachloroethane	6.82E-06	6.82E-06	6.82E-06	1.10E-05	1.10E-05	1.53E-05	1.53E-05	1.53E-05	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Greer County	40055	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	2.08E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Greer County	40055	R	Vinyl Chloride	1.68E-05	1.68E-05	1.68E-05	2.72E-05	2.72E-05	3.76E-05	3.76E-05	3.76E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	R	Acetaldehyde	1.38E+01	1.38E+01	1.38E+01	1.38E+01	1.38E+01	1.38E+01	1.38E+01	1.38E+01	0.00E+00	1.38E+01	2.77E-03	5.83E-03	0.00E+00	
Oklahoma	Harmon County	40057	R	Acrolein	4.30E-03	4.30E-03	4.30E-03	4.30E-03	4.30E-03	4.30E-03	4.30E-03	4.30E-03	0.00E+00	3.55E-03	4.30E-04	3.20E-04	0.00E+00	
Oklahoma	Harmon County	40057	R	Acrylonitrile	2.94E-05	2.94E-05	2.94E-05	2.94E-05	2.94E-05	2.94E-05	2.94E-05	2.94E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	R	Arsenic Compounds	1.99E-06	1.99E-06	1.99E-06	1.99E-06	1.99E-06	1.99E-06	1.99E-06	1.99E-06	0.00E+00	2.84E-07	3.58E-07	1.35E-06	0.00E+00	
Oklahoma	Harmon County	40057	R	Benzene	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	0.00E+00	1.16E-02	3.97E-03	2.09E-03	4.80E-01	
Oklahoma	Harmon County	40057	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	
Oklahoma	Harmon County	40057	R	Beryllium Compounds	7.88E-08	7.88E-08	7.88E-08	7.88E-08	7.88E-08	7.88E-08	7.88E-08	7.88E-08	0.00E+00	1.22E-08	0.00E+00	6.66E-08	0.00E+00	
Oklahoma	Harmon County	40057	R	1,3-Butadiene	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	0.00E+00	1.06E-03	1.86E-04	1.07E-04	0.00E+00	
Oklahoma	Harmon County	40057	R	Cadmium Compounds	8.94E-08	8.94E-08	8.94E-08	8.94E-08	8.94E-08	8.94E-08	8.94E-08	8.94E-08	0.00E+00	2.35E-08	0.00E+00	6.59E-08	0.00E+00	
Oklahoma	Harmon County	40057	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	1.58E-05	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Harmon County	40057	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.13E-06	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Harmon County	40057	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	8.76E-05	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Harmon County	40057	R	Chromium Compounds (includes Hexavalent)	6.20E-07	6.20E-07	6.20E-07	6.20E-07	6.20E-07	6.20E-07	6.20E-07	6.20E-07	0.00E+00	3.05E-08	2.31E-07	3.59E-07	0.00E+00	
Oklahoma	Harmon County	40057	R	Chromium VI	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	2.36E-07	0.00E+00	1.70E-08	9.72E-08	1.22E-07	0.00E+00	
Oklahoma	Harmon County	40057	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	
Oklahoma	Harmon County	40057	R	1,4-Dichlorobenzene	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	R	1,3-Dichloropropene	5.27E-04	5.27E-04	5.27E-04	5.27E-04	5.27E-04	5.27E-04	5.27E-04	5.27E-04	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	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	1.58E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Harmon County	40057	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	5.12E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Harmon County	40057	R	Ethylene Oxide	2.14E-05	2.14E-05	2.14E-05	2.14E-05	2.14E-05	2.14E-05	2.14E-05	2.14E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	R	Formaldehyde	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	0.00E+00	1.25E+00	2.03E-03	8.32E-03	2.50E-01	
Oklahoma	Harmon County	40057	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	6.59E-08	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Harmon County	40057	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	1.76E-09	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Harmon County	40057	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	
Oklahoma	Harmon County	40057	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	R	Lead Compounds	7.96E-07	7.96E-07	7.96E-07	7.96E-07	7.96E-07	7.96E-07	7.96E-07	7.96E-07	0.00E+00	4.74E-07	0.00E+00	3.22E-07	0.00E+00	
Oklahoma	Harmon County	40057	R	Manganese Compounds	5.76E-07	5.76E-07	5.76E-07	5.76E-07	5.76E-07	5.76E-07	5.76E-07	5.76E-07	0.00E+00	1.03E-07	6.25E-08	4.11E-07	0.00E+00	
Oklahoma	Harmon County	40057	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	7.04E-08	4.26E-07	1.20E-06	1.50E-03	
Oklahoma	Harmon County	40057	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	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Harmon County	40057	R	Nickel Compounds	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06	0.00E+00	7.72E-07	1.76E-07	2.49E-07	0.00E+00	
Oklahoma	Harmon County	40057	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	2.94E-04	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Harmon County	40057	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	0.00E+00	1.15E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Harmon County	40057	R	Polycyclic Organic Matter	8.54E-04	8.54E-04	8.54E-04	8.54E-04	8.54E-04	8.54E-04	8.54E-04	8.54E-04	0.00E+00	6.87E-04	9.94E-05	6.74E-05	0.00E+00	
Oklahoma	Harmon County	40057	R	7-PAH	1.17E-04	1.17E-04	1.17E-04	1.17E-04	1.17E-04	1.17E-04	1.17E-04	1.17E-04	0.00E+00	1.16E-04	5.27E-07	6.02E-07	0.00E+00	
Oklahoma	Harmon County	40057	R	Propylene Dichloride	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	R	1,1,2,2-Tetrachloroethane	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	1.57E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harmon County	40057	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	0.00E+00	9.29E-05	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Harmon County	40057	R	Vinyl Chloride	3.87E-05	3.87E-05	3.87E-05	3.87E-05	3.87E-05	3.87E-05	3.87E-05	3.87E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harper County	40059	R	Acetaldehyde	4.29E-01	4.29E-01	4.29E-01	1.33E+00	1.33E+00	2.23E+00	2.23E+00	2.23E+00	0.00E+00	2.02E-03	1.32E-03	2.62E-03	5.49E-03	0.00E+00
Oklahoma	Harper County	40059	R	Acrolein	2.38E-03	2.38E-03	2.38E-03	5.70E-03	5.70E-03	9.02E-03	9.02E-03	9.02E-03	1.48E-06	5.12E-03	4.06E-04	1.71E-04	0.00E+00	
Oklahoma	Harper County	40059	R	Acrylonitrile	1.78E-06	1.78E-06	1.78E-06	6.74E-06	6.74E-06	1.17E-05	1.17E-05	1.17E-05	0.00E+00	6.74E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Harper County	40059	R	Arsenic Compounds	1.39E-06	1.39E-06	1.39E-06	1.44E-06	1.44E-06	1.49E-06	1.49E-06	1.49E-06	0.00E+00	2.53E-08	5.15E-07	9.00E-07	0.00E+00	
Oklahoma	Harper County	40059	R	Benzene	4.93E-01	4.93E-01	4.93E-01	5.00E-01	5.00E-01	5.07E-01	5.07E-01	5.07E-01	1.09E-03	1.31E-02	4.31E-03	1.46E-03	4.80E-01	
Oklahoma	Harper County	40059	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	
Oklahoma	Harper County	40059	R	Beryllium Compounds	2.82E-08	2.82E-08	2.82E-08	6.84E-08	6.84E-08	1.09E-07	1.09E-07	1.09E-07	0.00E+00	6.95E-09	0.00E+00	6.15E-08	0.00E+00	
Oklahoma	Harper County	40059	R	1,3-Butadiene	8.75E-04	8.75E-0												

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Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	Harper County	40059	R	1,4-Dichlorobenzene	1.39E-04	1.39E-04	1.39E-04	1.54E-04	1.54E-04	1.69E-04	1.69E-04	1.69E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	1,3-Dichloropropene	2.77E-04	2.77E-04	2.77E-04	3.04E-04	3.04E-04	3.30E-04	3.30E-04	3.30E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	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	5.29E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Harper County	40059	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	7.98E-07	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Harper County	40059	R	Ethylene Oxide	3.15E-06	3.15E-06	3.15E-06	5.65E-06	5.65E-06	8.15E-06	8.15E-06	8.15E-06	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	Formaldehyde	4.68E-01	4.68E-01	4.68E-01	4.68E-01	6.29E-01	7.91E-01	7.91E-01	7.91E-01	1.43E-03	3.68E-01	2.33E-03	7.34E-03	2.50E-01	
Oklahoma	Harper County	40059	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	5.30E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Harper County	40059	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	1.01E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Harper County	40059	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	0.00E+00
Oklahoma	Harper County	40059	R	Hydrazine	1.79E-11	1.79E-11	1.79E-11	1.27E-10	1.27E-10	2.36E-10	2.36E-10	2.36E-10	0.00E+00	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	Lead Compounds	3.16E-06	3.16E-06	3.16E-06	5.26E-06	5.26E-06	7.36E-06	7.36E-06	7.36E-06	0.00E+00	6.35E-07	0.00E+00	4.63E-06	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	Manganese Compounds	2.28E-07	2.28E-07	2.28E-07	2.36E-07	2.36E-07	2.45E-07	2.45E-07	2.45E-07	0.00E+00	6.35E-08	9.96E-08	7.30E-08	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	3.79E-07	6.05E-07	8.69E-07	1.50E-03	
Oklahoma	Harper County	40059	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	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Harper County	40059	R	Nickel Compounds	5.82E-07	5.82E-07	5.82E-07	6.44E-07	6.44E-07	7.06E-07	7.06E-07	7.06E-07	0.00E+00	3.08E-07	2.27E-07	1.09E-07	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	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	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Harper County	40059	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Harper County	40059	R	Polycyclic Organic Matter	5.64E-04	5.64E-04	5.64E-04	9.54E-04	9.54E-04	1.34E-03	1.34E-03	1.34E-03	4.06E-08	7.88E-04	1.18E-04	4.80E-05	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	7-PAH	8.41E-05	8.41E-05	8.41E-05	2.17E-04	2.17E-04	3.51E-04	3.51E-04	3.51E-04	0.00E+00	2.16E-04	8.32E-07	4.64E-07	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	Propylene Dichloride	9.36E-08	9.36E-08	9.36E-08	4.06E-07	4.06E-07	7.18E-07	7.18E-07	7.18E-07	0.00E+00	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	Quinoline	3.09E-10	3.09E-10	3.09E-10	2.19E-09	2.19E-09	4.06E-09	4.06E-09	4.06E-09	0.00E+00	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	R	1,1,2,2-Tetrachloroethane	6.91E-07	6.91E-07	6.91E-07	3.37E-06	3.37E-06	6.06E-06	6.06E-06	6.06E-06	0.00E+00	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Harper County	40059	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	4.33E-05	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Harper County	40059	R	Vinyl Chloride	1.71E-06	1.71E-06	1.71E-06	8.38E-06	8.38E-06	1.51E-05	1.51E-05	1.51E-05	0.00E+00	8.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Acetaldehyde	6.78E-02	6.78E-02	7.49E-02	9.36E-02	9.02E-02	1.05E-01	1.06E-01	1.06E-01	0.00E+00	4.35E-02	3.69E-02	9.81E-03	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Acrolein	1.32E-02	1.32E-02	1.62E-02	2.01E-02	1.90E-02	2.18E-02	2.26E-02	2.26E-02	0.00E+00	1.05E-02	6.20E-03	2.54E-03	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Acrylonitrile	7.58E-06	7.58E-06	9.93E-06	2.33E-05	2.26E-05	3.52E-05	3.61E-05	3.61E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Arsenic Compounds	3.59E-06	3.59E-06	5.14E-06	7.00E-06	7.05E-06	8.96E-06	1.06E-05	1.06E-05	4.81E-07	4.16E-07	4.65E-06	1.51E-06	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Benzene	5.56E-01	5.56E-01	5.71E-01	6.14E-01	6.12E-01	6.53E-01	6.65E-01	6.65E-01	4.51E-07	4.80E-02	4.62E-02	3.80E-02	4.80E-01	
Oklahoma	Haskell County	40061	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
Oklahoma	Haskell County	40061	R	Beryllium Compounds	7.21E-08	7.21E-08	1.59E-07	2.86E-07	3.13E-07	4.67E-07	6.08E-07	6.08E-07	0.00E+00	1.15E-07	0.00E+00	1.98E-07	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	1,3-Butadiene	3.76E-03	3.76E-03	3.77E-03	4.03E-03	4.37E-03	4.96E-03	5.65E-03	5.65E-03	0.00E+00	1.70E-03	1.30E-03	1.37E-03	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Cadmium Compounds	1.27E-07	1.27E-07	2.70E-07	4.93E-07	1.01E-06	1.75E-06	2.92E-06	2.92E-06	0.00E+00	8.12E-07	0.00E+00	1.96E-07	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.73E-02	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Haskell County	40061	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	2.86E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Haskell County	40061	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.35E-02	8.38E-02	8.38E-02	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Haskell County	40061	R	Chromium Compounds (includes Hexavalent)	1.92E-06	1.92E-06	3.10E-06	4.31E-06	6.08E-06	9.06E-06	1.38E-05	1.38E-05	4.95E-07	2.05E-06	3.17E-06	3.69E-07	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Chromium VI	7.64E-07	7.64E-07	1.08E-06	1.48E-06	1.80E-06	2.52E-06	3.47E-06	3.47E-06	5.48E-08	3.62E-07	1.25E-06	1.25E-06	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	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
Oklahoma	Haskell County	40061	R	1,4-Dichlorobenzene	9.84E-04	9.84E-04	1.31E-03	1.95E-03	1.93E-03	2.54E-03	2.82E-03	2.82E-03	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	1,3-Dichloropropene	1.90E-03	1.90E-03	2.48E-03	3.71E-03	3.63E-03	4.78E-03	5.19E-03	5.19E-03	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	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	1.47E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Haskell County	40061	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	1.94E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Haskell County	40061	R	Ethylene Oxide	1.00E-05	1.00E-05	2.26E-05	5.05E-05	5.26E-05	8.25E-05	9.91E-05	9.91E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Formaldehyde	3.35E-01	3.35E-01	3.45E-01	3.63E-01	3.60E-01	3.76E-01	3.81E-01	3.81E-01	0.00E+00	6.90E-02	2.83E-02	1.30E-02	2.50E-01	
Oklahoma	Haskell County	40061	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.57E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Haskell County	40061	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	1.65E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Haskell County	40061	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	0.00E+00
Oklahoma	Haskell County	40061	R	Hydrazine	3.55E-12	3.55E-12	5.75E-11	1.18E-10	1.21E-10	3.67E-10	6.10E-10	6.10E-10	0.00E+00	2.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Lead Compounds	4.71E-06	4.71E-06	1.06E-05	2.60E-05	3.26E-04	6.42E-04	1.25E-03	1.25E-03	0.00E+00	2.83E-04	0.00E+00	4.31E-05	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	R	Manganese Compounds	1.07E-06	1.07E-06	4.78E-06	1.20E-05	5.05E-05	9.62E-05	1.77E-04	1.77E-04	6.19E-06	4.31E-05	9.33E-07	2.07E-07	0.00E+00	0.00E+00
Oklahoma	Haskell County	40061	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	1.94E-09	1.03E-06	5.26E-06	1.44E-06	1.50E-03	
Oklahoma	Haskell County	40061	R	Methylene Chloride	1.53E-01	1.53E-01	1.56E-01	1.59E-01	1.81E-01	2.07E-01	2.53E-01	2.53E-01	1.85E-02	1.62E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Haskell County	40061	R	Nickel Compounds	3.20E-06	3.20E-06	4.96E-06	6.91E-06	1.35E-05									

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

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
Oklahoma	Hughes County	40063	R	Acrolein	1.59E-02	1.59E-02	1.87E-02	2.20E-02	2.06E-02	2.23E-02	2.42E-02	2.42E-02	0.00E+00	1.66E-02	3.45E-03	5.80E-04	0.00E+00
Oklahoma	Hughes County	40063	R	Acrylonitrile	5.81E-06	5.81E-06	7.66E-05	8.18E-05	7.89E-05	1.07E-04	1.24E-04	1.24E-04	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	R	Arsenic Compounds	2.35E-06	2.35E-06	3.27E-06	3.41E-06	5.29E-06	6.10E-06	1.13E-05	1.13E-05	3.78E-09	5.09E-07	3.71E-06	1.07E-06	0.00E+00
Oklahoma	Hughes County	40063	R	Benzene	5.43E-01	5.43E-01	5.58E-01	5.61E-01	6.16E-01	6.33E-01	7.83E-01	7.83E-01	1.55E-04	9.09E-02	3.68E-02	7.78E-03	4.80E-01
Oklahoma	Hughes County	40063	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
Oklahoma	Hughes County	40063	R	Beryllium Compounds	1.06E-07	1.06E-07	1.89E-07	2.31E-07	4.32E-07	5.40E-07	1.09E-06	1.09E-06	0.00E+00	1.42E-07	0.00E+00	2.90E-07	0.00E+00
Oklahoma	Hughes County	40063	R	1,3-Butadiene	4.42E-03	4.42E-03	4.92E-03	5.16E-03	7.14E-03	8.13E-03	1.31E-02	1.31E-02	0.00E+00	4.06E-03	2.60E-03	4.73E-04	0.00E+00
Oklahoma	Hughes County	40063	R	Cadmium Compounds	1.73E-07	1.73E-07	2.85E-07	4.04E-07	6.40E-07	8.35E-07	1.50E-06	1.50E-06	1.10E-07	2.41E-07	0.00E+00	2.89E-07	0.00E+00
Oklahoma	Hughes County	40063	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.75E-02	4.75E-02	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Hughes County	40063	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.29E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Hughes County	40063	R	Chloroform	8.33E-02	8.33E-02	8.35E-02	8.35E-02	8.51E-02	8.57E-02	8.92E-02	8.92E-02	0.00E+00	2.07E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Hughes County	40063	R	Chromium Compounds (includes Hexavalent)	3.79E-06	3.79E-06	4.08E-06	5.43E-06	5.76E-06	6.22E-06	9.28E-06	9.28E-06	2.87E-06	3.52E-07	2.40E-06	1.46E-07	0.00E+00
Oklahoma	Hughes County	40063	R	Chromium VI	1.36E-06	1.36E-06	1.50E-06	1.94E-06	2.16E-06	2.34E-06	3.65E-06	3.65E-06	9.67E-07	1.93E-07	9.48E-07	4.97E-08	0.00E+00
Oklahoma	Hughes County	40063	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
Oklahoma	Hughes County	40063	R	1,4-Dichlorobenzene	6.80E-04	6.80E-04	9.49E-04	1.02E-03	3.08E-03	3.87E-03	8.90E-03	8.90E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	R	1,3-Dichloropropene	1.30E-03	1.30E-03	1.79E-03	1.97E-03	6.17E-03	7.75E-03	1.80E-02	1.80E-02	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	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	3.81E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Hughes County	40063	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.19E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Hughes County	40063	R	Ethylene Oxide	1.72E-05	1.72E-05	2.92E-05	4.13E-05	9.61E-05	8.18E-05	3.11E-04	3.11E-04	0.00E+00	9.61E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	R	Formaldehyde	3.30E-01	3.30E-01	3.45E-01	3.51E-01	3.52E-01	3.58E-01	3.74E-01	3.74E-01	8.50E-04	7.47E-02	1.98E-02	6.26E-03	2.50E-01
Oklahoma	Hughes County	40063	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Hughes County	40063	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	2.57E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Hughes County	40063	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
Oklahoma	Hughes County	40063	R	Hydrazine	1.16E-11	1.16E-11	4.07E-11	9.19E-11	1.04E-10	1.04E-10	2.74E-10	2.74E-10	0.00E+00	1.04E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	R	Lead Compounds	8.21E-03	8.21E-03	9.53E-03	1.11E-02	1.08E-02	1.16E-02	1.36E-02	1.36E-02	1.06E-02	5.89E-05	0.00E+00	1.11E-04	0.00E+00
Oklahoma	Hughes County	40063	R	Manganese Compounds	9.35E-06	9.35E-06	1.19E-05	2.59E-05	3.92E-05	6.01E-05	8.87E-05	8.87E-05	4.96E-07	3.78E-05	7.86E-07	1.19E-07	0.00E+00
Oklahoma	Hughes County	40063	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	3.94E-08	8.91E-07	4.29E-06	1.21E-06	1.50E-03
Oklahoma	Hughes County	40063	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.54E-01	1.64E-01	1.66E-01	1.92E-01	1.92E-01	0.00E+00	1.36E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Hughes County	40063	R	Nickel Compounds	2.44E-06	2.44E-06	2.83E-06	3.17E-06	7.07E-06	9.54E-06	1.74E-05	1.74E-05	1.89E-08	5.05E-06	1.78E-06	2.18E-07	0.00E+00
Oklahoma	Hughes County	40063	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.45E-01	1.45E-01	2.05E-05	1.89E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Hughes County	40063	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	3.87E-04	4.02E-04	4.08E-04	4.43E-04	4.43E-04	0.00E+00	2.19E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Hughes County	40063	R	Polycyclic Organic Matter	2.79E-03	2.79E-03	3.25E-03	3.77E-03	5.56E-03	6.74E-03	1.12E-02	1.12E-02	3.03E-04	4.16E-03	9.40E-04	1.61E-04	0.00E+00
Oklahoma	Hughes County	40063	R	7-PAH	5.73E-04	5.73E-04	5.96E-04	7.15E-04	7.21E-04	7.78E-04	9.43E-04	9.43E-04	0.00E+00	7.12E-04	6.26E-06	2.41E-06	0.00E+00
Oklahoma	Hughes County	40063	R	Propylene Dichloride	2.87E-07	2.87E-07	4.17E-06	4.87E-06	4.35E-06	6.09E-06	6.35E-06	6.35E-06	0.00E+00	4.35E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	R	Quinoline	4.96E-10	4.96E-10	1.24E-09	2.16E-09	2.32E-09	3.80E-09	3.89E-09	3.89E-09	0.00E+00	2.32E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	R	1,1,2,2-Tetrachloroethane	1.98E-06	1.98E-06	3.35E-05	4.32E-05	3.58E-05	4.33E-05	5.71E-05	5.71E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Hughes County	40063	R	Trichloroethylene	8.11E-02	8.11E-02	8.13E-02	8.13E-02	8.18E-02	8.19E-02	8.35E-02	8.35E-02	0.00E+00	8.12E-04	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Hughes County	40063	R	Vinyl Chloride	4.92E-06	4.92E-06	8.28E-05	1.07E-04	8.84E-05	1.07E-04	1.41E-04	1.41E-04	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jackson County	40065	U	Acetaldehyde	5.86E-01	5.86E-01	6.55E-01	8.96E-01	1.10E+00	1.45E+00	2.24E+00	2.24E+00	0.00E+00	1.04E+00	4.13E-02	1.88E-02	0.00E+00
Oklahoma	Jackson County	40065	U	Acrolein	2.67E-03	2.67E-03	3.82E-03	7.30E-03	8.43E-03	1.29E-02	1.67E-02	1.67E-02	0.00E+00	2.26E-03	5.17E-03	9.99E-04	0.00E+00
Oklahoma	Jackson County	40065	U	Acrylonitrile	9.16E-06	9.16E-06	1.41E-05	4.93E-05	5.68E-05	7.07E-05	1.77E-04	1.77E-04	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jackson County	40065	U	Arsenic Compounds	3.41E-06	3.41E-06	5.93E-06	1.26E-05	1.65E-05	2.54E-05	4.06E-05	4.06E-05	0.00E+00	1.57E-06	9.04E-06	5.88E-06	0.00E+00
Oklahoma	Jackson County	40065	U	Benzene	5.01E-01	5.01E-01	5.15E-01	5.83E-01	6.28E-01	7.44E-01	8.38E-01	8.38E-01	0.00E+00	2.71E-02	1.07E-01	1.36E-02	4.80E-01
Oklahoma	Jackson County	40065	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
Oklahoma	Jackson County	40065	U	Beryllium Compounds	4.19E-08	4.19E-08	7.83E-08	3.22E-07	4.85E-07	9.69E-07	1.10E-06	1.10E-06	0.00E+00	4.42E-07	0.00E+00	4.29E-08	0.00E+00
Oklahoma	Jackson County	40065	U	1,3-Butadiene	9.93E-04	9.93E-04	2.50E-03	9.25E-03	1.39E-02	2.34E-02	3.96E-02	3.96E-02	0.00E+00	2.69E-04	1.23E-02	1.34E-03	0.00E+00
Oklahoma	Jackson County	40065	U	Cadmium Compounds	7.98E-08	7.98E-08	1.39E-07	6.90E-07	7.84E-07	1.44E-06	1.65E-06	1.65E-06	0.00E+00	7.41E-07	0.00E+00	4.28E-08	0.00E+00
Oklahoma	Jackson County	40065	U	Carbon Disulfide	4.70E-02	4.70E-02	4.72E-02	4.75E-02	4.76E-02	4.80E-02	4.81E-02	4.81E-02	2.67E-04	3.11E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Jackson County	40065	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.15E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Jackson County	40065	U	Chloroform	8.31E-02	8.31E-02	8.34E-02	8.48E-02	8.56E-02	8.76E-02	9.02E-02	9.02E-02	0.00E+00	2.62E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Jackson County	40065	U	Chromium Compounds (includes Hexavalent)	9.34E-07	9.34E-07	1.50E-06	5.74E-06	8.06E-06	1.40E-05	2.10E-05	2.10E-05	0.00E+00	1.05E-06	6.82E-06	1.90E-07	0.00E+00
Oklahoma	Jackson County	40065	U	Chromium VI	3.70E-07	3.70E-07	6.07E-07	2.36E-06	3.32E-06	5.83E-06	8.60E-06	8.60E-06	0.00E+00	5.86E-07	2.67E-06	6.46E-08	0.00E+00
Oklahoma	Jackson County	40065	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
Oklahoma	Jackson County	40065	U	1,4-Dichlorobenzene	5.08E-04	5.08E-04	1.09E-03	5.00E-03	6.86E-03	1.13E-02	1.97E-02	1.97E-02	0.00E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jackson County	40065	U	1,3-Dichloropropene	9.51E-04	9.51E-04	2.18E-03	1.02E-02	1.40E-02	2.29E-02	4.02E-02	4.02E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jackson County	40065	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	1.64E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Jackson County	40065	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02										

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

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
Oklahoma	Jackson County	40065	U	Manganese Compounds	7.38E-07	7.38E-07	1.09E-06	3.78E-06	5.31E-06	9.69E-06	1.26E-05	1.26E-05	0.00E+00	2.62E-06	2.19E-06	4.90E-07	0.00E+00
Oklahoma	Jackson County	40065	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	0.00E+00	3.01E-06	9.12E-06	4.97E-06	1.50E-03
Oklahoma	Jackson County	40065	U	Methylene Chloride	1.52E-01	1.52E-01	1.54E-01	1.70E-01	1.80E-01	2.09E-01	2.18E-01	2.18E-01	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Jackson County	40065	U	Nickel Compounds	1.79E-06	1.79E-06	3.15E-06	1.19E-05	1.94E-05	3.73E-05	4.89E-05	4.89E-05	0.00E+00	1.37E-05	5.04E-06	7.02E-07	0.00E+00
Oklahoma	Jackson County	40065	U	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.45E-01	1.46E-01	1.50E-01	1.53E-01	1.53E-01	0.00E+00	6.05E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Jackson County	40065	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.83E-04	3.93E-04	3.98E-04	4.13E-04	4.25E-04	4.25E-04	0.00E+00	1.81E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Jackson County	40065	U	Polycyclic Organic Matter	9.51E-04	9.51E-04	1.97E-03	6.24E-03	8.03E-03	1.30E-02	2.09E-02	2.09E-02	1.64E-06	5.06E-03	2.64E-03	3.27E-04	0.00E+00
Oklahoma	Jackson County	40065	U	7-PAH	4.76E-05	4.76E-05	9.34E-05	1.49E-04	1.67E-04	2.45E-04	3.18E-04	3.18E-04	0.00E+00	1.48E-04	1.66E-05	2.53E-06	0.00E+00
Oklahoma	Jackson County	40065	U	Propylene Dichloride	4.21E-07	4.21E-07	7.00E-07	1.76E-06	2.59E-06	2.38E-06	1.06E-05	1.06E-05	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jackson County	40065	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jackson County	40065	U	1,1,2,2-Tetrachloroethane	2.69E-06	2.69E-06	4.62E-06	5.29E-06	1.64E-05	5.90E-06	9.69E-05	9.69E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jackson County	40065	U	Trichloroethylene	8.11E-02	8.11E-02	8.14E-02	8.25E-02	8.39E-02	8.72E-02	8.83E-02	8.83E-02	1.16E-07	2.93E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Jackson County	40065	U	Vinyl Chloride	6.66E-06	6.66E-06	1.16E-05	1.32E-05	4.05E-05	1.48E-05	2.39E-04	2.39E-04	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	Acetaldehyde	8.25E-02	8.25E-02	8.25E-02	9.37E-02	9.59E-02	1.11E-01	1.11E-01	1.11E-01	3.33E-05	8.22E-02	1.09E-02	2.68E-03	0.00E+00
Oklahoma	Jefferson County	40067	R	Acrolein	3.66E-03	3.66E-03	3.66E-03	5.33E-03	6.23E-03	9.70E-03	9.70E-03	9.70E-03	4.54E-04	3.87E-03	1.52E-03	3.85E-04	0.00E+00
Oklahoma	Jefferson County	40067	R	Acrylonitrile	7.50E-06	7.50E-06	7.50E-06	1.05E-05	2.04E-05	4.32E-05	4.32E-05	4.32E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	Arsenic Compounds	1.53E-06	1.53E-06	1.53E-06	2.71E-06	2.54E-06	3.39E-06	3.39E-06	3.39E-06	2.64E-07	1.30E-07	1.54E-06	6.11E-07	0.00E+00
Oklahoma	Jefferson County	40067	R	Benzene	5.04E-01	5.04E-01	5.04E-01	5.17E-01	5.18E-01	5.33E-01	5.33E-01	5.33E-01	1.88E-03	1.64E-02	1.41E-02	5.51E-03	4.80E-01
Oklahoma	Jefferson County	40067	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
Oklahoma	Jefferson County	40067	R	Beryllium Compounds	1.58E-07	1.58E-07	1.58E-07	1.91E-07	1.90E-07	2.21E-07	2.21E-07	2.21E-07	4.14E-08	2.00E-08	0.00E+00	1.20E-07	0.00E+00
Oklahoma	Jefferson County	40067	R	1,3-Butadiene	1.59E-03	1.59E-03	1.59E-03	2.19E-03	2.42E-03	3.50E-03	3.50E-03	3.50E-03	5.51E-05	1.34E-03	7.59E-04	2.69E-04	0.00E+00
Oklahoma	Jefferson County	40067	R	Cadmium Compounds	1.70E-07	1.70E-07	1.70E-07	2.55E-07	6.30E-07	1.46E-06	1.46E-06	1.46E-06	4.41E-07	6.96E-08	0.00E+00	1.19E-07	0.00E+00
Oklahoma	Jefferson County	40067	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	1.45E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Jefferson County	40067	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	5.58E-06	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Jefferson County	40067	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.57E-04	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Jefferson County	40067	R	Chromium Compounds (includes Hexavalent)	8.37E-07	8.37E-07	8.37E-07	6.38E-06	1.15E-05	2.72E-05	2.72E-05	2.72E-05	1.63E-06	8.68E-06	9.62E-07	2.09E-07	0.00E+00
Oklahoma	Jefferson County	40067	R	Chromium VI	3.22E-07	3.22E-07	3.22E-07	1.67E-06	3.77E-06	9.33E-06	9.33E-06	9.33E-06	3.54E-07	2.97E-06	3.81E-07	7.11E-08	0.00E+00
Oklahoma	Jefferson County	40067	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
Oklahoma	Jefferson County	40067	R	1,4-Dichlorobenzene	3.11E-04	3.11E-04	3.11E-04	6.54E-04	5.52E-04	6.91E-04	6.91E-04	6.91E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	1,3-Dichloropropene	6.00E-04	6.00E-04	6.00E-04	1.25E-03	1.06E-03	1.33E-03	1.33E-03	1.33E-03	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	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	1.06E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Jefferson County	40067	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	3.22E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Jefferson County	40067	R	Ethylene Oxide	1.99E-05	1.99E-05	1.99E-05	2.58E-05	2.87E-05	4.03E-05	4.03E-05	4.03E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	Formaldehyde	2.96E-01	2.96E-01	2.96E-01	3.17E-01	3.12E-01	3.23E-01	3.23E-01	3.23E-01	5.39E-05	4.99E-02	8.02E-03	4.05E-03	2.50E-01
Oklahoma	Jefferson County	40067	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.88E-08	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Jefferson County	40067	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	3.28E-09	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Jefferson County	40067	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
Oklahoma	Jefferson County	40067	R	Hydrazine	3.18E-17	3.18E-17	3.18E-17	1.24E-13	4.73E-12	1.41E-11	1.41E-11	1.41E-11	0.00E+00	4.73E-12	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	Lead Compounds	5.07E-06	5.07E-06	5.07E-06	3.00E-05	2.68E-05	4.54E-05	4.54E-05	4.54E-05	2.68E-06	3.39E-06	0.00E+00	2.08E-05	0.00E+00
Oklahoma	Jefferson County	40067	R	Manganese Compounds	5.34E-07	5.34E-07	5.34E-07	8.13E-06	1.15E-05	2.58E-05	2.58E-05	2.58E-05	2.33E-06	8.66E-06	2.87E-07	2.04E-07	0.00E+00
Oklahoma	Jefferson County	40067	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	2.61E-07	2.58E-07	1.79E-06	6.06E-07	1.50E-03
Oklahoma	Jefferson County	40067	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	3.85E-07	2.07E-03	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Jefferson County	40067	R	Nickel Compounds	1.74E-06	1.74E-06	1.74E-06	5.29E-06	8.03E-06	1.70E-05	1.70E-05	1.70E-05	3.76E-06	3.38E-06	7.20E-07	1.59E-07	0.00E+00
Oklahoma	Jefferson County	40067	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.43E-01	1.43E-01	1.43E-01	1.38E-04	1.09E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Jefferson County	40067	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.83E-04	3.84E-04	3.84E-04	3.85E-04	3.85E-04	3.85E-04	5.42E-10	4.10E-06	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Jefferson County	40067	R	Polycyclic Organic Matter	9.69E-04	9.69E-04	9.69E-04	1.78E-03	2.02E-03	3.32E-03	3.32E-03	3.32E-03	2.67E-04	1.32E-03	3.69E-04	7.29E-05	0.00E+00
Oklahoma	Jefferson County	40067	R	7-PAH	1.16E-04	1.16E-04	1.16E-04	1.49E-04	1.76E-04	2.63E-04	2.63E-04	2.63E-04	1.28E-07	1.72E-04	2.61E-06	1.69E-06	0.00E+00
Oklahoma	Jefferson County	40067	R	Propylene Dichloride	3.94E-07	3.94E-07	3.94E-07	6.14E-07	1.19E-06	2.55E-06	2.55E-06	2.55E-06	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	Quinoline	9.29E-16	9.29E-16	9.29E-16	2.37E-12	1.23E-10	3.66E-10	3.66E-10	3.66E-10	0.00E+00	1.23E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	1,1,2,2-Tetrachloroethane	3.03E-06	3.03E-06	3.03E-06	5.43E-06	1.04E-05	2.28E-05	2.28E-05	2.28E-05	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Jefferson County	40067	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.58E-04	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Jefferson County	40067	R	Vinyl Chloride	7.48E-06	7.48E-06	7.48E-06	1.34E-05	2.56E-05	5.61E-05	5.61E-05	5.61E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	Acetaldehyde	5.29E-02	5.29E-02	5.29E-02	5.91E-02	5.93E-02	6.59E-02	6.59E-02	6.59E-02	4.27E-06	2.74E-02	5.58E-02	5.99E-03	0.00E+00
Oklahoma	Johnston County	40069	R	Acrolein	1.42E-02	1.42E-02	1.42E-02	1.45E-02	1.59E-02	1.91E-02	1.91E-02	1.91E-02	9.58E-05	1.06E-02	3.74E-03	1.47E-03	0.00E+00
Oklahoma	Johnston County	40069	R	Acrylonitrile	2.65E-05	2.65E-05	2.65E-05	4.71E-05	8.93E-05	1.94E-04	1.94E-04	1.94E-04	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	Arsenic Compounds	4.01E-06	4.01E-06	4.01E-06	4.01E-06	4.27E-06	4.79E-06	4.79E-06	4.79E-06	1.17E-07	2.66E-07	2.98E-06	9.08E-07	0.00E+00
Oklahoma	Johnston County	40069	R	Benzene	5.51E-01	5.51E-01	5.51E-01	5.56E									

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

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
Oklahoma	Johnston County	40069	R	Chromium Compounds (includes Hexavalent)	2.41E-06	2.41E-06	2.41E-06	4.31E-06	6.20E-06	1.19E-05	1.19E-05	1.19E-05	7.21E-07	3.26E-06	1.99E-06	2.27E-07	0.00E+00
Oklahoma	Johnston County	40069	R	Chromium VI	9.74E-07	9.74E-07	9.74E-07	1.46E-06	2.17E-06	4.07E-06	4.07E-06	4.07E-06	1.49E-07	1.15E-06	7.93E-07	7.72E-08	0.00E+00
Oklahoma	Johnston County	40069	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
Oklahoma	Johnston County	40069	R	1,4-Dichlorobenzene	1.33E-03	1.33E-03	1.33E-03	1.37E-03	1.40E-03	1.49E-03	1.49E-03	1.49E-03	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	1,3-Dichloropropene	2.52E-03	2.52E-03	2.52E-03	2.64E-03	2.66E-03	2.81E-03	2.81E-03	2.81E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	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	4.79E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Johnston County	40069	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	1.04E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Johnston County	40069	R	Ethylene Oxide	2.58E-05	2.58E-05	2.58E-05	7.12E-05	5.66E-05	7.28E-05	7.28E-05	7.28E-05	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	Formaldehyde	3.23E-01	3.23E-01	3.23E-01	3.31E-01	3.32E-01	3.43E-01	3.43E-01	3.43E-01	1.84E-05	5.52E-02	1.87E-02	8.33E-03	2.50E-01
Oklahoma	Johnston County	40069	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.23E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Johnston County	40069	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	9.01E-09	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Johnston County	40069	R	Hexamethylene Diisocyanate	2.60E-07	2.60E-07	2.60E-07	1.55E-06	5.59E-06	1.50E-05	1.50E-05	1.50E-05	0.00E+00	5.59E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	Hydrazine	8.27E-12	8.27E-12	8.27E-12	3.17E-11	3.18E-11	5.53E-11	5.53E-11	5.53E-11	0.00E+00	3.18E-11	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	Lead Compounds	4.19E-05	4.19E-05	4.19E-05	5.75E-05	4.59E-04	1.28E-03	1.28E-03	1.28E-03	7.24E-06	4.19E-04	0.00E+00	3.31E-05	0.00E+00
Oklahoma	Johnston County	40069	R	Manganese Compounds	1.52E-06	1.52E-06	1.52E-06	3.23E-06	2.69E-06	3.33E-06	3.33E-06	3.33E-06	1.04E-06	8.93E-07	5.92E-07	1.68E-07	0.00E+00
Oklahoma	Johnston County	40069	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	1.14E-07	4.36E-07	3.42E-06	9.78E-07	1.50E-03
Oklahoma	Johnston County	40069	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.56E-01	1.56E-01	1.56E-01	1.84E-07	5.44E-03	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Johnston County	40069	R	Nickel Compounds	8.08E-06	8.08E-06	8.08E-06	9.76E-06	9.59E-06	1.09E-05	1.09E-05	1.09E-05	1.72E-06	6.17E-06	1.49E-06	2.26E-07	0.00E+00
Oklahoma	Johnston County	40069	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	5.50E-05	2.72E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Johnston County	40069	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	1.87E-10	1.01E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Johnston County	40069	R	Polycyclic Organic Matter	3.77E-03	3.77E-03	3.77E-03	3.87E-03	4.24E-03	5.09E-03	5.09E-03	5.09E-03	4.59E-05	3.28E-03	7.64E-04	1.55E-04	0.00E+00
Oklahoma	Johnston County	40069	R	7-PAH	4.48E-04	4.48E-04	4.48E-04	4.73E-04	5.14E-04	6.20E-04	6.20E-04	6.20E-04	4.72E-08	5.03E-04	5.20E-06	5.18E-06	0.00E+00
Oklahoma	Johnston County	40069	R	Propylene Dichloride	1.46E-06	1.46E-06	1.46E-06	2.71E-06	5.26E-06	1.16E-05	1.16E-05	1.16E-05	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	Quinoline	2.17E-10	2.17E-10	2.17E-10	8.57E-10	7.91E-10	1.30E-09	1.30E-09	1.30E-09	0.00E+00	7.91E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	R	1,1,2,2-Tetrachloroethane	1.20E-05	1.20E-05	1.20E-05	2.36E-05	4.68E-05	1.05E-04	1.05E-04	1.05E-04	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Johnston County	40069	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	0.00E+00	5.13E-04	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Johnston County	40069	R	Vinyl Chloride	2.95E-05	2.95E-05	2.95E-05	5.81E-05	1.15E-04	2.58E-04	2.58E-04	2.58E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kay County	40071	U	Acetaldehyde	2.40E-02	5.72E-02	7.38E-02	9.22E-02	9.78E-02	1.18E-01	1.68E-01	1.68E-01	1.89E-03	1.74E-02	5.72E-02	2.14E-02	0.00E+00
Oklahoma	Kay County	40071	U	Acrolein	4.17E-03	5.03E-03	6.12E-03	1.42E-02	1.32E-02	1.90E-02	2.35E-02	2.37E-02	2.27E-04	3.27E-03	7.43E-03	2.28E-03	0.00E+00
Oklahoma	Kay County	40071	U	Acrylonitrile	4.85E-06	6.08E-06	9.60E-06	4.78E-05	5.81E-05	1.06E-04	1.36E-04	1.37E-04	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kay County	40071	U	Arsenic Compounds	7.68E-06	1.00E-05	2.40E-05	4.32E-05	4.51E-05	6.95E-05	7.65E-05	8.53E-05	2.48E-05	4.04E-06	1.11E-05	5.12E-06	0.00E+00
Oklahoma	Kay County	40071	U	Benzene	5.20E-01	5.37E-01	5.61E-01	8.05E-01	8.15E-01	1.03E+00	1.10E+00	1.33E+00	7.63E-02	5.92E-02	1.48E-01	5.14E-02	4.80E-01
Oklahoma	Kay County	40071	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
Oklahoma	Kay County	40071	U	Beryllium Compounds	4.77E-07	5.88E-07	1.51E-06	3.91E-06	4.56E-06	7.03E-06	7.92E-06	1.29E-05	2.82E-06	9.55E-07	0.00E+00	7.84E-07	0.00E+00
Oklahoma	Kay County	40071	U	1,3-Butadiene	1.95E-03	2.23E-03	4.52E-03	2.26E-02	2.31E-02	3.74E-02	5.34E-02	5.46E-02	3.92E-04	2.80E-04	1.65E-02	5.95E-03	0.00E+00
Oklahoma	Kay County	40071	U	Cadmium Compounds	2.04E-06	4.00E-06	5.63E-06	1.32E-05	1.92E-05	2.95E-05	4.01E-05	5.65E-05	1.68E-05	1.64E-06	0.00E+00	7.83E-07	0.00E+00
Oklahoma	Kay County	40071	U	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.79E-02	4.89E-02	5.07E-02	5.18E-02	5.19E-02	2.10E-04	1.68E-03	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Kay County	40071	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.29E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Kay County	40071	U	Chloroform	8.32E-02	8.35E-02	8.36E-02	8.92E-02	8.90E-02	9.21E-02	9.75E-02	9.77E-02	0.00E+00	5.97E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Kay County	40071	U	Chromium Compounds (includes Hexavalent)	7.44E-05	2.80E-04	3.00E-04	8.61E-04	2.92E-03	2.26E-03	4.31E-03	2.19E-02	4.83E-05	2.86E-03	9.00E-06	9.27E-07	0.00E+00
Oklahoma	Kay County	40071	U	Chromium VI	1.99E-05	5.95E-05	8.56E-05	1.16E-04	9.16E-04	5.69E-04	1.46E-03	7.44E-03	1.51E-05	8.97E-04	3.61E-06	3.15E-07	0.00E+00
Oklahoma	Kay County	40071	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
Oklahoma	Kay County	40071	U	1,4-Dichlorobenzene	5.16E-04	9.58E-04	1.24E-03	1.09E-02	1.05E-02	1.61E-02	2.54E-02	2.58E-02	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kay County	40071	U	1,3-Dichloropropene	9.96E-04	1.85E-03	2.44E-03	2.23E-02	2.15E-02	3.27E-02	5.19E-02	5.27E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kay County	40071	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.91E-07	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Kay County	40071	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.66E-06	1.06E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Kay County	40071	U	Ethylene Oxide	1.06E-05	1.99E-05	2.47E-05	1.84E-04	2.65E-04	4.93E-04	6.57E-04	7.62E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kay County	40071	U	Formaldehyde	2.74E-01	2.95E-01	3.12E-01	3.66E-01	3.69E-01	4.15E-01	4.78E-01	4.80E-01	2.48E-03	1.38E-02	6.69E-02	3.58E-02	2.50E-01
Oklahoma	Kay County	40071	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.34E-05	9.33E-05	9.35E-05	9.36E-05	9.36E-05	0.00E+00	3.19E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Kay County	40071	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	7.32E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Kay County	40071	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
Oklahoma	Kay County	40071	U	Hydrazine	2.63E-10	9.44E-10	1.35E-09	1.67E-08	1.25E-07	2.82E-07	4.14E-07	4.19E-07	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kay County	40071	U	Lead Compounds	4.76E-05	9.81E-05	1.66E-04	4.34E-04	1.59E-03	1.95E-03	2.88E-03	9.52E-03	4.80E-05	1.11E-04	0.00E+00	1.43E-03	0.00E+00
Oklahoma	Kay County	40071	U	Manganese Compounds	2.08E-05	3.25E-05	7.30E-05	1.18E-04	1.38E-04	1.96E-04	2.46E-04	3.06E-04	1.21E-04	1.32E-05	2.92E-06	6.15E-07	0.00E+00
Oklahoma	Kay County	40071	U	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.55E-03	1.54E-03	1.56E-03	1.57E-03	1.57E-03	2.30E-05	3.03E-06	1.10E-05	4.77E-06	1.50E-03
Oklahoma	Kay County	40071	U	Methylene Chloride	1.52E-01	1.54E-01	1.55E-01	1.96E-01	1.95E-01	2.32E-01	2.51E-01	2.53E-01	2.98E-05	4.52E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Kay County	40071	U	Nickel Compounds	5.62E-05	1.15E-04	1.79E										

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	Kay County	40071	U	Trichloroethylene	8.15E-02	8.20E-02	8.24E-02	8.68E-02	8.73E-02	9.18E-02	9.38E-02	9.60E-02	5.60E-04	5.78E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Kay County	40071	U	Vinyl Chloride	1.01E-06	3.94E-06	5.92E-06	9.74E-06	1.55E-05	2.73E-05	3.61E-05	3.67E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Acetaldehyde	4.15E-02	4.15E-02	5.38E-02	7.16E-02	7.04E-02	8.70E-02	9.68E-02	9.68E-02	5.62E-05	1.99E-02	3.85E-02	1.19E-02	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Acrolein	2.78E-03	2.78E-03	3.19E-03	5.53E-03	6.00E-03	8.81E-03	1.02E-02	1.02E-02	2.66E-04	6.51E-04	4.25E-03	8.37E-04	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Acrylonitrile	1.31E-05	1.31E-05	1.89E-05	2.56E-05	2.45E-05	3.01E-05	3.37E-05	3.37E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Arsenic Compounds	4.01E-06	4.01E-06	4.37E-06	7.15E-06	7.47E-06	1.06E-05	1.16E-05	1.16E-05	0.00E+00	4.36E-07	3.88E-06	3.15E-06	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Benzene	5.12E-01	5.12E-01	5.15E-01	5.43E-01	5.44E-01	5.73E-01	5.78E-01	5.78E-01	8.10E-04	1.51E-02	4.02E-02	7.80E-03	4.80E-01	0.00E+00
Oklahoma	Kingfisher County	40073	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
Oklahoma	Kingfisher County	40073	R	Beryllium Compounds	1.41E-07	1.41E-07	1.49E-07	2.59E-07	2.94E-07	4.39E-07	5.16E-07	5.16E-07	0.00E+00	1.18E-07	0.00E+00	1.76E-07	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	1,3-Butadiene	1.29E-03	1.29E-03	1.32E-03	2.24E-03	2.93E-03	4.53E-03	5.94E-03	5.94E-03	3.49E-05	4.76E-05	2.33E-03	5.12E-04	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Cadmium Compounds	1.84E-07	1.84E-07	1.85E-07	3.57E-07	3.93E-07	6.02E-07	6.75E-07	6.75E-07	0.00E+00	2.18E-07	0.00E+00	1.75E-07	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Kingfisher County	40073	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	2.11E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Kingfisher County	40073	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.35E-02	8.36E-02	8.39E-02	8.40E-02	8.40E-02	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Kingfisher County	40073	R	Chromium Compounds (includes Hexavalent)	3.15E-06	3.15E-06	4.96E-06	9.72E-06	2.64E-05	4.79E-05	8.30E-05	8.30E-05	2.14E-05	2.18E-06	2.66E-06	1.24E-07	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Chromium VI	1.16E-06	1.16E-06	1.79E-06	3.55E-06	9.70E-06	1.76E-05	3.05E-05	3.05E-05	7.26E-06	1.32E-06	1.08E-06	4.22E-08	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	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
Oklahoma	Kingfisher County	40073	R	1,4-Dichlorobenzene	7.52E-04	7.52E-04	7.73E-04	1.41E-03	1.67E-03	2.56E-03	3.10E-03	3.10E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	1,3-Dichloropropene	1.46E-03	1.46E-03	1.49E-03	2.66E-03	3.22E-03	4.95E-03	6.12E-03	6.12E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	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	1.23E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Kingfisher County	40073	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	2.22E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Kingfisher County	40073	R	Ethylene Oxide	1.65E-05	1.65E-05	1.76E-05	3.90E-05	4.79E-05	7.82E-05	9.71E-05	9.71E-05	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Formaldehyde	2.90E-01	2.90E-01	3.01E-01	3.21E-01	3.17E-01	3.33E-01	3.37E-01	3.37E-01	4.59E-05	2.04E-02	2.71E-02	1.96E-02	2.50E-01	0.00E+00
Oklahoma	Kingfisher County	40073	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.67E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Kingfisher County	40073	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	1.23E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Kingfisher County	40073	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	0.00E+00
Oklahoma	Kingfisher County	40073	R	Hydrazine	0.00E+00	0.00E+00	2.32E-12	3.14E-11	1.68E-10	3.34E-10	6.10E-10	6.10E-10	0.00E+00	1.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Lead Compounds	1.74E-05	1.74E-05	4.35E-05	1.16E-04	1.08E-04	1.73E-04	1.84E-04	1.84E-04	0.00E+00	8.80E-06	0.00E+00	9.93E-05	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Manganese Compounds	1.02E-04	1.02E-04	2.09E-04	4.00E-04	5.68E-04	9.26E-04	1.37E-03	1.37E-03	8.09E-06	5.58E-06	8.10E-07	2.60E-07	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	6.13E-07	4.35E-06	2.91E-06	1.50E-03	0.00E+00
Oklahoma	Kingfisher County	40073	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.63E-01	1.62E-01	1.69E-01	1.70E-01	1.70E-01	1.63E-03	1.02E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Oklahoma	Kingfisher County	40073	R	Nickel Compounds	7.94E-06	7.94E-06	1.23E-05	1.83E-05	2.07E-05	3.82E-05	3.82E-05	3.82E-05	7.89E-06	1.04E-05	1.98E-06	3.94E-07	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.43E-01	1.43E-01	1.45E-01	1.45E-01	1.45E-01	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Kingfisher County	40073	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.84E-04	3.85E-04	3.87E-04	3.91E-04	3.97E-04	3.97E-04	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Kingfisher County	40073	R	Polycyclic Organic Matter	1.70E-03	1.70E-03	1.72E-03	2.98E-03	3.28E-03	4.85E-03	5.47E-03	5.47E-03	4.16E-05	2.01E-03	1.02E-03	2.04E-04	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	7-PAH	4.69E-05	4.69E-05	5.03E-05	6.84E-05	8.03E-05	1.10E-04	1.41E-04	1.41E-04	0.00E+00	7.16E-05	6.89E-06	1.75E-06	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Propylene Dichloride	7.08E-07	7.08E-07	9.72E-07	1.29E-06	1.18E-06	1.39E-06	1.43E-06	1.43E-06	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Quinoline	0.00E+00	0.00E+00	4.94E-11	8.12E-10	4.12E-09	8.19E-09	1.49E-08	1.49E-08	0.00E+00	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	1,1,2,2-Tetrachloroethane	5.74E-06	5.74E-06	6.84E-06	8.14E-06	8.60E-06	1.04E-05	1.24E-05	1.24E-05	0.00E+00	8.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kingfisher County	40073	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.24E-02	8.25E-02	8.38E-02	8.40E-02	8.40E-02	7.59E-04	7.61E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Kingfisher County	40073	R	Vinyl Chloride	1.42E-05	1.42E-05	1.69E-05	2.51E-05	2.41E-05	3.13E-05	3.21E-05	3.21E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Acetaldehyde	2.66E-01	2.66E-01	2.66E-01	5.77E-01	5.16E-01	7.04E-01	7.04E-01	7.04E-01	0.00E+00	4.99E-01	8.77E-03	8.05E-03	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Acrolein	2.21E-03	2.21E-03	2.21E-03	2.47E-03	3.05E-03	4.47E-03	4.47E-03	4.47E-03	0.00E+00	1.35E-03	1.28E-03	4.30E-04	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Acrylonitrile	9.73E-06	9.73E-06	9.73E-06	1.01E-05	1.28E-05	1.85E-05	1.85E-05	1.85E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Arsenic Compounds	2.60E-06	2.60E-06	2.60E-06	2.98E-06	3.01E-06	3.44E-06	3.44E-06	3.44E-06	0.00E+00	9.02E-08	1.19E-06	1.72E-06	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Benzene	4.99E-01	4.99E-01	4.99E-01	5.04E-01	5.05E-01	5.11E-01	5.11E-01	5.11E-01	0.00E+00	0.67E-03	1.16E-02	5.23E-03	4.80E-01	0.00E+00
Oklahoma	Kiowa County	40075	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
Oklahoma	Kiowa County	40075	R	Beryllium Compounds	2.55E-08	2.55E-08	2.55E-08	2.80E-08	3.12E-08	4.01E-08	4.01E-08	4.01E-08	0.00E+00	2.39E-08	0.00E+00	7.28E-09	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	1,3-Butadiene	9.88E-04	9.88E-04	9.88E-04	1.23E-03	1.20E-03	1.39E-03	1.39E-03	1.39E-03	0.00E+00	2.99E-04	6.33E-04	2.69E-04	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Cadmium Compounds	4.21E-08	4.21E-08	4.21E-08	7.16E-08	6.21E-08	7.27E-08	7.27E-08	7.27E-08	0.00E+00	5.49E-08	0.00E+00	7.25E-09	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.76E-02	4.76E-02	4.76E-02	1.86E-04	1.98E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Kiowa County	40075	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	5.89E-06	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Kiowa County	40075	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma</																		

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Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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		
Oklahoma	Kiowa County	40075	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	0.00E+00	0.00E+00
Oklahoma	Kiowa County	40075	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-16	2.57E-15	2.57E-15	2.57E-15	0.00E+00	8.57E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	Lead Compounds	4.39E-06	4.39E-06	4.39E-06	1.20E-05	4.05E-05	1.05E-04	1.05E-04	1.05E-04	0.00E+00	2.36E-06	0.00E+00	0.00E+00	3.81E-05	0.00E+00	
Oklahoma	Kiowa County	40075	R	Manganese Compounds	4.21E-07	4.21E-07	4.21E-07	5.93E-07	5.56E-07	6.55E-07	6.55E-07	6.55E-07	0.00E+00	1.97E-07	2.25E-07	1.34E-07	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	3.61E-07	1.37E-06	1.49E-06	1.50E-03	0.00E+00	
Oklahoma	Kiowa County	40075	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	2.06E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Oklahoma	Kiowa County	40075	R	Nickel Compounds	1.36E-06	1.36E-06	1.36E-06	1.95E-06	2.23E-06	3.38E-06	3.38E-06	3.38E-06	0.00E+00	1.46E-06	5.75E-07	1.92E-07	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	8.24E-04	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Oklahoma	Kiowa County	40075	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Oklahoma	Kiowa County	40075	R	Polycyclic Organic Matter	8.45E-04	8.45E-04	8.45E-04	1.25E-03	1.14E-03	1.33E-03	1.33E-03	1.33E-03	1.33E-06	7.58E-04	3.00E-04	8.37E-05	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	7-PAH	5.70E-05	5.70E-05	5.70E-05	6.04E-05	7.15E-05	9.72E-05	9.72E-05	9.72E-05	0.00E+00	6.83E-05	2.05E-06	1.21E-06	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	Propylene Dichloride	5.06E-07	5.06E-07	5.06E-07	5.72E-07	7.23E-07	1.09E-06	1.09E-06	1.09E-06	0.00E+00	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-14	1.13E-13	1.13E-13	1.13E-13	0.00E+00	3.76E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	1,1,2,2-Tetrachloroethane	3.92E-06	3.92E-06	3.92E-06	4.89E-06	6.19E-06	9.75E-06	9.75E-06	9.75E-06	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Kiowa County	40075	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	8.04E-08	1.36E-04	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Oklahoma	Kiowa County	40075	R	Vinyl Chloride	9.65E-06	9.65E-06	9.65E-06	1.21E-05	1.52E-05	2.40E-05	2.40E-05	2.40E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Acetaldehyde	1.01E-01	1.01E-01	1.01E-01	1.04E-01	1.17E-01	1.44E-01	1.44E-01	1.44E-01	0.00E+00	1.00E-01	1.36E-02	2.90E-03	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Acrolein	1.60E-02	1.60E-02	1.60E-02	1.92E-02	1.98E-02	2.42E-02	2.42E-02	2.42E-02	0.00E+00	1.70E-02	1.97E-03	8.38E-04	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Acrylonitrile	1.99E-05	1.99E-05	1.99E-05	2.03E-05	2.25E-05	2.73E-05	2.73E-05	2.73E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Arsenic Compounds	2.09E-06	2.09E-06	2.09E-06	2.55E-06	2.73E-06	3.53E-06	3.53E-06	3.53E-06	3.49E-07	1.50E-07	1.71E-06	5.19E-07	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Benzene	5.39E-01	5.39E-01	5.39E-01	5.42E-01	5.43E-01	5.47E-01	5.47E-01	5.47E-01	3.84E-07	3.59E-02	1.65E-02	1.03E-02	4.80E-01	0.00E+00	
Oklahoma	Latimer County	40077	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	
Oklahoma	Latimer County	40077	R	Beryllium Compounds	1.74E-08	1.74E-08	1.74E-08	7.60E-08	5.70E-08	7.76E-08	7.76E-08	7.76E-08	0.00E+00	3.69E-08	0.00E+00	2.01E-08	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	1,3-Butadiene	3.91E-03	3.91E-03	3.91E-03	4.11E-03	4.17E-03	4.49E-03	4.49E-03	4.49E-03	0.00E+00	3.17E-03	7.61E-04	2.42E-04	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Cadmium Compounds	6.05E-08	6.05E-08	6.05E-08	1.33E-07	1.16E-07	1.53E-07	1.53E-07	1.53E-07	0.00E+00	9.57E-08	0.00E+00	1.99E-08	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	5.06E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Oklahoma	Latimer County	40077	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	1.20E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Oklahoma	Latimer County	40077	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	9.26E-05	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Oklahoma	Latimer County	40077	R	Chromium Compounds (includes Hexavalent)	1.15E-06	1.15E-06	1.15E-06	1.40E-06	1.67E-06	2.45E-06	2.45E-06	2.45E-06	3.62E-07	1.05E-07	1.11E-06	9.01E-08	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Chromium VI	4.59E-07	4.59E-07	4.59E-07	5.71E-07	5.70E-07	6.79E-07	6.79E-07	6.79E-07	4.02E-08	5.74E-08	4.41E-07	3.06E-08	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	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	
Oklahoma	Latimer County	40077	R	1,4-Dichlorobenzene	6.93E-04	6.93E-04	6.93E-04	1.05E-03	9.75E-04	1.19E-03	1.19E-03	1.19E-03	0.00E+00	9.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	1,3-Dichloropropene	1.32E-03	1.32E-03	1.32E-03	1.96E-03	1.88E-03	2.35E-03	2.35E-03	2.35E-03	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	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	1.15E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Oklahoma	Latimer County	40077	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	2.34E-06	0.00E+00	0.00E+00	6.10E-02	0.00E+00	
Oklahoma	Latimer County	40077	R	Ethylene Oxide	9.92E-06	9.92E-06	9.92E-06	2.69E-05	2.17E-05	2.84E-05	2.84E-05	2.84E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Formaldehyde	3.58E-01	3.58E-01	3.58E-01	3.62E-01	3.75E-01	4.06E-01	4.06E-01	4.06E-01	0.00E+00	1.11E-01	1.02E-02	3.90E-03	2.50E-01	0.00E+00	
Oklahoma	Latimer County	40077	R	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	7.07E-08	0.00E+00	0.00E+00	9.30E-05	0.00E+00	
Oklahoma	Latimer County	40077	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	6.95E-09	0.00E+00	0.00E+00	1.80E-03	0.00E+00	
Oklahoma	Latimer County	40077	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	0.00E+00	
Oklahoma	Latimer County	40077	R	Hydrazine	9.58E-12	9.58E-12	9.58E-12	2.87E-11	4.85E-11	1.07E-10	1.07E-10	1.07E-10	0.00E+00	4.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Lead Compounds	6.03E-06	6.03E-06	6.03E-06	6.38E-06	7.44E-06	9.91E-06	9.91E-06	9.91E-06	0.00E+00	1.28E-06	0.00E+00	6.16E-06	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Manganese Compounds	6.74E-07	6.74E-07	6.74E-07	1.05E-06	5.37E-06	1.44E-05	1.44E-05	1.44E-05	4.52E-06	4.84E-07	3.35E-07	6.08E-08	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	2.29E-09	2.89E-07	1.97E-06	4.36E-07	1.50E-03	0.00E+00	
Oklahoma	Latimer County	40077	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.54E-01	1.54E-01	1.55E-01	1.55E-01	1.55E-01	0.00E+00	3.95E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Oklahoma	Latimer County	40077	R	Nickel Compounds	1.76E-06	1.76E-06	1.76E-06	4.98E-06	4.47E-06	6.68E-06	6.68E-06	6.68E-06	4.53E-07	3.08E-06	8.38E-07	9.77E-08	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	1.44E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Oklahoma	Latimer County	40077	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.83E-04	3.87E-04	3.87E-04	3.92E-04	3.92E-04	3.92E-04	0.00E+00	7.35E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Oklahoma	Latimer County	40077	R	Polycyclic Organic Matter	3.30E-03	3.30E-03	3.30E-03	3.31E-03	3.34E-03	3.42E-03	3.42E-03	3.42E-03	0.00E+00	2.85E-03	4.26E-04	6.91E-05	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	7-PAH	5.69E-04	5.69E-04	5.69E-04	6.42E-04	6.69E-04	7.96E-04	7.96E-04	7.96E-04	0.00E+00	6.84E-04	2.88E-06	2.70E-06	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Propylene Dichloride	1.06E-06	1.06E-06	1.06E-06	1.07E-06	1.25E-06	1.62E-06	1.62E-06	1.62E-06	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	Quinoline	4.35E-10	4.35E-10	4.35E-10	1.09E-09	1.32E-09	2.44E-09	2.44E-09	2.44E-09	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Latimer County	40077	R	1,1,2,2-Tetrachloroethane	8.32E-06	8.32E-06	8.32E-06	8.43E-06	1.03E-05	1.42E-05	1.42E-05	1.42E-05	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Lat																		

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

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	
Oklahoma	Le Flore County	40079	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.75E-02	4.75E-02	4.89E-02	4.89E-02	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Le Flore County	40079	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	1.04E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Le Flore County	40079	R	Chloroform	8.31E-02	8.31E-02	8.34E-02	8.48E-02	8.55E-02	8.63E-02	9.20E-02	9.20E-02	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Le Flore County	40079	R	Chromium Compounds (includes Hexavalent)	1.24E-06	1.24E-06	3.13E-05	3.69E-05	3.44E-05	4.77E-05	5.87E-05	5.87E-05	1.43E-05	1.07E-05	9.18E-06	2.86E-07	0.00E+00	0.00E+00
Oklahoma	Le Flore County	40079	R	Chromium VI	5.02E-07	5.02E-07	1.10E-05	1.67E-05	1.41E-05	2.10E-05	2.32E-05	2.32E-05	7.74E-06	2.57E-06	3.68E-06	9.71E-08	0.00E+00	0.00E+00
Oklahoma	Le Flore County	40079	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
Oklahoma	Le Flore County	40079	R	1,4-Dichlorobenzene	6.70E-04	6.70E-04	1.94E-03	4.39E-03	5.83E-03	8.72E-03	1.59E-02	1.59E-02	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Le Flore County	40079	R	1,3-Dichloropropene	1.27E-03	1.27E-03	3.71E-03	8.11E-03	1.13E-02	1.71E-02	3.14E-02	3.14E-02	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Le Flore County	40079	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	5.16E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Le Flore County	40079	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	7.42E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Le Flore County	40079	R	Ethylene Oxide	2.41E-05	2.41E-05	6.48E-05	1.95E-04	3.42E-04	3.50E-04	1.41E-03	1.41E-03	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Le Flore County	40079	R	Formaldehyde	3.59E-01	3.59E-01	3.64E-01	3.95E-01	4.20E-01	4.27E-01	5.78E-01	5.78E-01	3.23E-03	7.33E-02	7.93E-02	1.38E-02	2.50E-01	3.59E-01
Oklahoma	Le Flore County	40079	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.36E-05	9.36E-05	0.00E+00	2.56E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Le Flore County	40079	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	5.76E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Le Flore County	40079	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	0.00E+00
Oklahoma	Le Flore County	40079	R	Hydrazine	1.26E-12	1.26E-12	3.23E-11	2.12E-10	2.26E-09	1.17E-09	1.71E-08	1.71E-08	0.00E+00	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Le Flore County	40079	R	Lead Compounds	3.81E-06	3.81E-06	8.86E-05	2.08E-03	4.15E-03	7.60E-03	1.48E-02	1.48E-02	1.99E-03	1.90E-03	0.00E+00	2.64E-04	0.00E+00	0.00E+00
Oklahoma	Le Flore County	40079	R	Manganese Compounds	6.60E-07	6.60E-07	5.59E-04	1.50E-03	1.39E-03	2.33E-03	3.05E-03	3.05E-03	1.10E-03	2.82E-04	2.87E-06	2.39E-07	0.00E+00	6.60E-07
Oklahoma	Le Flore County	40079	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.58E-03	1.58E-03	7.78E-06	3.83E-06	1.32E-05	2.24E-06	1.50E-03	1.50E-03
Oklahoma	Le Flore County	40079	R	Methylene Chloride	1.53E-01	1.53E-01	1.59E-01	2.71E-01	3.29E-01	4.75E-01	7.25E-01	7.25E-01	1.22E-01	5.72E-02	0.00E+00	0.00E+00	1.50E-01	1.53E-01
Oklahoma	Le Flore County	40079	R	Nickel Compounds	2.30E-06	2.30E-06	9.92E-06	6.56E-05	9.15E-05	1.20E-04	3.65E-04	3.65E-04	2.44E-06	8.18E-05	6.88E-06	4.04E-07	0.00E+00	2.30E-06
Oklahoma	Le Flore County	40079	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.50E-01	1.52E-01	1.52E-01	1.79E-01	1.79E-01	0.00E+00	1.20E-02	0.00E+00	0.00E+00	1.40E-01	1.42E-01
Oklahoma	Le Flore County	40079	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.89E-04	3.98E-04	4.08E-04	4.17E-04	4.52E-04	4.52E-04	0.00E+00	2.81E-05	0.00E+00	0.00E+00	3.80E-04	3.83E-04
Oklahoma	Le Flore County	40079	R	Polycyclic Organic Matter	2.55E-03	2.55E-03	4.59E-03	7.84E-03	1.01E-02	1.38E-02	2.24E-02	2.24E-02	2.63E-05	6.22E-03	3.38E-03	5.03E-04	0.00E+00	2.55E-03
Oklahoma	Le Flore County	40079	R	7-PAH	4.06E-04	4.06E-04	4.94E-04	5.65E-04	5.66E-04	5.92E-04	8.00E-04	8.00E-04	8.37E-11	5.27E-04	2.26E-05	5.87E-06	0.00E+00	4.06E-04
Oklahoma	Le Flore County	40079	R	Propylene Dichloride	2.57E-07	2.57E-07	1.82E-06	3.49E-06	4.26E-06	4.37E-06	1.22E-05	1.22E-05	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	2.57E-07
Oklahoma	Le Flore County	40079	R	Quinoline	8.31E-11	8.31E-11	1.66E-09	1.05E-08	2.80E-08	2.95E-08	1.40E-07	1.40E-07	0.00E+00	2.80E-08	0.00E+00	0.00E+00	0.00E+00	8.31E-11
Oklahoma	Le Flore County	40079	R	1,1,2,2-Tetrachloroethane	1.62E-06	1.62E-06	1.40E-05	1.89E-05	2.80E-05	2.95E-05	1.05E-04	1.05E-04	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06
Oklahoma	Le Flore County	40079	R	Trichloroethylene	8.11E-02	8.11E-02	8.15E-02	8.30E-02	8.41E-02	8.48E-02	9.35E-02	9.35E-02	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Le Flore County	40079	R	Vinyl Chloride	4.01E-06	4.01E-06	3.48E-05	4.75E-05	7.01E-05	7.28E-05	2.58E-04	2.58E-04	1.40E-07	6.99E-05	0.00E+00	0.00E+00	0.00E+00	4.01E-06
Oklahoma	Lincoln County	40081	R	Acetaldehyde	3.84E-02	3.84E-02	5.79E-02	7.38E-02	8.03E-02	1.13E-01	1.16E-01	1.16E-01	9.09E-04	1.90E-02	5.68E-02	3.54E-03	0.00E+00	3.84E-02
Oklahoma	Lincoln County	40081	R	Acrolein	9.29E-03	9.29E-03	1.21E-02	1.32E-02	1.39E-02	1.69E-02	1.75E-02	1.75E-02	9.76E-09	6.00E-03	6.68E-03	6.03E-04	0.00E+00	9.29E-03
Oklahoma	Lincoln County	40081	R	Acrylonitrile	2.60E-05	2.60E-05	2.97E-05	3.84E-05	3.98E-05	4.06E-05	7.32E-05	7.32E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05
Oklahoma	Lincoln County	40081	R	Arsenic Compounds	4.25E-06	4.25E-06	6.81E-06	7.16E-06	9.71E-06	1.56E-05	1.60E-05	1.60E-05	1.28E-08	4.14E-07	8.22E-06	1.06E-06	0.00E+00	4.25E-06
Oklahoma	Lincoln County	40081	R	Benzene	5.53E-01	5.53E-01	5.74E-01	5.87E-01	6.07E-01	6.67E-01	6.70E-01	6.70E-01	9.07E-03	3.62E-02	7.31E-02	7.32E-03	4.80E-01	5.53E-01
Oklahoma	Lincoln County	40081	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
Oklahoma	Lincoln County	40081	R	Beryllium Compounds	6.79E-08	6.79E-08	6.88E-08	1.31E-07	1.21E-07	1.69E-07	1.74E-07	1.74E-07	6.77E-10	1.05E-07	0.00E+00	1.57E-08	0.00E+00	6.79E-08
Oklahoma	Lincoln County	40081	R	1,3-Butadiene	3.15E-03	3.15E-03	4.38E-03	5.78E-03	7.75E-03	1.43E-02	1.44E-02	1.44E-02	0.00E+00	1.98E-03	5.34E-03	4.33E-04	0.00E+00	3.15E-03
Oklahoma	Lincoln County	40081	R	Cadmium Compounds	1.93E-07	1.93E-07	2.25E-07	3.33E-07	3.23E-07	4.09E-07	4.28E-07	4.28E-07	1.70E-09	3.06E-07	0.00E+00	1.56E-08	0.00E+00	1.93E-07
Oklahoma	Lincoln County	40081	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	5.03E-09	1.05E-04	0.00E+00	0.00E+00	4.70E-02	4.71E-02
Oklahoma	Lincoln County	40081	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	2.48E-05	0.00E+00	0.00E+00	8.80E-01	8.80E-01
Oklahoma	Lincoln County	40081	R	Chloroform	8.34E-02	8.34E-02	8.36E-02	8.43E-02	8.41E-02	8.45E-02	8.45E-02	8.45E-02	0.00E+00	1.13E-03	0.00E+00	0.00E+00	8.30E-02	8.34E-02
Oklahoma	Lincoln County	40081	R	Chromium Compounds (includes Hexavalent)	3.77E-06	3.77E-06	3.83E-06	1.50E-05	1.76E-05	2.99E-05	4.70E-05	4.70E-05	1.21E-05	3.00E-07	5.14E-06	8.38E-08	0.00E+00	3.77E-06
Oklahoma	Lincoln County	40081	R	Chromium VI	1.44E-06	1.44E-06	1.55E-06	5.68E-06	6.35E-06	1.06E-05	1.63E-05	1.63E-05	4.10E-06	1.69E-07	2.05E-06	2.85E-08	0.00E+00	1.44E-06
Oklahoma	Lincoln County	40081	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-11	5.31E-11	7.74E-11	7.74E-11	1.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Lincoln County	40081	R	1,4-Dichlorobenzene	1.21E-03	1.21E-03	1.27E-03	2.15E-03	2.06E-03	2.73E-03	2.98E-03	2.98E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03
Oklahoma	Lincoln County	40081	R	1,3-Dichloropropene	2.38E-03	2.38E-03	2.49E-03	4.13E-03	4.05E-03	5.45E-03	5.91E-03	5.91E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	2.38E-03
Oklahoma	Lincoln County	40081	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	2.05E-08	0.00E+00	0.00E+00	7.70E-03	7.70E-03
Oklahoma	Lincoln County	40081	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.54E-09	4.12E-06	0.00E+00	0.00E+00	6.10E-02	6.10E-02
Oklahoma	Lincoln County	40081	R	Ethylene Oxide	2.02E-05	2.02E-05	2.10E-05	4.14E-05	3.59E-05	4.84E-05	5.00E-05	5.00E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05
Oklahoma	Lincoln County	40081	R	Formaldehyde	3.00E-01	3.00E-01	3.20E-01	3.26E-01	3.38E-01	3.69E-01	3.74E-01	3.74E-01	3.27E-03	3.46E-02	4.39E-02	6.13E-03	2.50E-01	3.00E-01
Oklahoma	Lincoln County	40081	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.84E-07	0.00E+00	0.00E+00	9.30E-05	9.31E-05
Oklahoma	Lincoln County	40081	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	1.44E-08	0.00E+00	0.00E+00	1.80E-03	1.8

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

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		
Oklahoma	Lincoln County	40081	R	Propylene Dichloride	1.41E-06	1.41E-06	1.44E-06	2.17E-06	2.18E-06	2.33E-06	4.02E-06	4.02E-06	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Lincoln County	40081	R	Quinoline	1.01E-09	1.01E-09	1.98E-09	2.74E-09	3.26E-09	5.28E-09	5.99E-09	5.99E-09	0.00E+00	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Lincoln County	40081	R	1,1,2,2-Tetrachloroethane	9.34E-06	9.34E-06	1.18E-05	1.77E-05	1.76E-05	1.95E-05	3.28E-05	3.28E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Lincoln County	40081	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.58E-02	8.55E-02	8.87E-02	9.24E-02	9.24E-02	3.91E-03	5.86E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Lincoln County	40081	R	Vinyl Chloride	2.31E-05	2.31E-05	2.91E-05	4.81E-05	4.76E-05	5.55E-05	8.09E-05	8.09E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Acetaldehyde	1.18E-01	1.18E-01	1.82E-01	2.47E-01	2.46E-01	3.16E-01	3.62E-01	3.62E-01	3.59E-03	3.81E-02	1.88E-01	1.67E-02	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Acrolein	9.99E-03	9.99E-03	2.10E-02	3.16E-02	2.79E-02	3.36E-02	4.11E-02	4.11E-02	6.23E-04	5.15E-03	1.92E-02	2.96E-03	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Acrylonitrile	1.97E-05	1.97E-05	1.19E-04	2.33E-04	3.44E-04	3.53E-04	1.32E-03	1.32E-03	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Arsenic Compounds	6.97E-06	6.97E-06	1.23E-05	2.22E-05	2.22E-05	2.13E-05	2.89E-05	3.66E-05	3.66E-05	1.76E-07	1.87E-06	1.58E-05	3.47E-06	0.00E+00	0.00E+00
Oklahoma	Logan County	40083	U	Benzene	5.62E-01	5.62E-01	6.44E-01	7.68E-01	7.57E-01	8.30E-01	1.01E+00	1.01E+00	1.09E-03	5.26E-02	1.97E-01	2.63E-02	4.80E-01	4.80E-01	
Oklahoma	Logan County	40083	U	Benzydine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Beryllium Compounds	2.29E-07	2.29E-07	5.79E-07	1.03E-06	1.20E-06	1.81E-06	2.55E-06	2.55E-06	9.37E-09	4.98E-07	0.00E+00	6.95E-07	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	1,3-Butadiene	3.61E-03	3.61E-03	6.86E-03	1.33E-02	1.57E-02	1.91E-02	4.32E-02	4.32E-02	7.27E-05	1.31E-03	1.26E-02	1.62E-03	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Cadmium Compounds	4.26E-07	4.26E-07	8.67E-07	1.52E-06	1.66E-06	2.45E-06	3.17E-06	3.17E-06	2.35E-08	9.42E-07	0.00E+00	6.93E-07	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.75E-02	4.75E-02	4.77E-02	4.78E-02	4.78E-02	7.02E-08	4.82E-04	0.00E+00	0.00E+00	4.70E-02	4.70E-02	
Oklahoma	Logan County	40083	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.41E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Logan County	40083	U	Chloroform	8.48E-02	8.48E-02	8.64E-02	8.89E-02	8.82E-02	8.96E-02	9.06E-02	9.06E-02	0.00E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Logan County	40083	U	Chromium Compounds (includes Hexavalent)	4.63E-06	4.63E-06	1.52E-05	9.25E-05	1.09E-04	2.05E-04	2.42E-04	2.42E-04	8.67E-05	9.35E-06	1.25E-05	4.87E-07	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Chromium VI	1.91E-06	1.91E-06	8.16E-06	3.98E-05	4.21E-05	7.62E-05	8.65E-05	8.65E-05	2.93E-05	7.60E-06	4.99E-06	1.65E-07	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	1.23E-10	2.60E-10	5.63E-10	7.09E-10	7.09E-10	2.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	1,4-Dichlorobenzene	2.40E-03	2.40E-03	3.95E-03	7.51E-03	7.29E-03	9.49E-03	1.41E-02	1.41E-02	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	1,3-Dichloropropene	4.54E-03	4.54E-03	7.47E-03	1.43E-02	1.41E-02	1.85E-02	2.80E-02	2.80E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Logan County	40083	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.12E-02	2.16E-08	3.89E-05	0.00E+00	0.00E+00	6.10E-02	6.10E-02	
Oklahoma	Logan County	40083	U	Ethylene Oxide	5.27E-05	5.27E-05	1.26E-04	3.25E-04	2.53E-04	3.45E-04	3.76E-04	3.76E-04	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Formaldehyde	3.49E-01	3.49E-01	3.95E-01	4.47E-01	4.49E-01	5.00E-01	5.62E-01	5.62E-01	6.35E-03	3.52E-02	1.19E-01	2.90E-02	2.50E-01	2.50E-01	
Oklahoma	Logan County	40083	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.39E-05	9.39E-05	0.00E+00	3.07E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Logan County	40083	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	4.84E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Logan County	40083	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	
Oklahoma	Logan County	40083	U	Hydrazine	3.58E-10	3.58E-10	1.17E-09	1.96E-09	2.09E-09	2.93E-09	4.24E-09	4.24E-09	0.00E+00	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Lead Compounds	1.85E-04	1.85E-04	2.95E-04	4.20E-04	6.26E-04	8.46E-04	1.70E-03	1.70E-03	1.92E-07	1.16E-04	0.00E+00	5.10E-04	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Manganese Compounds	9.29E-06	9.29E-06	6.49E-05	1.17E-04	1.35E-04	2.20E-04	2.68E-04	2.68E-04	4.42E-05	8.68E-05	3.84E-06	5.88E-07	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	4.47E-08	3.02E-06	1.64E-05	3.63E-06	1.50E-03	1.50E-03	
Oklahoma	Logan County	40083	U	Methylene Chloride	1.64E-01	1.64E-01	1.90E-01	2.53E-01	2.83E-01	4.01E-01	4.16E-01	4.16E-01	1.00E-01	3.29E-02	0.00E+00	0.00E+00	1.50E-01	1.50E-01	
Oklahoma	Logan County	40083	U	Nickel Compounds	1.30E-05	1.30E-05	3.23E-05	7.77E-05	9.36E-05	1.70E-04	1.76E-04	1.76E-04	5.30E-05	3.07E-05	9.22E-06	6.75E-07	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Perchloroethylene	1.44E-01	1.44E-01	1.49E-01	1.66E-01	1.70E-01	1.94E-01	1.97E-01	1.97E-01	1.72E-02	1.27E-02	0.00E+00	0.00E+00	1.40E-01	1.40E-01	
Oklahoma	Logan County	40083	U	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.87E-04	3.91E-04	4.11E-04	4.28E-04	4.87E-04	4.87E-04	0.00E+00	3.06E-05	0.00E+00	0.00E+00	3.80E-04	3.80E-04	
Oklahoma	Logan County	40083	U	Polycyclic Organic Matter	4.35E-03	4.35E-03	8.44E-03	1.48E-02	1.41E-02	1.82E-02	2.56E-02	2.56E-02	1.15E-04	8.49E-03	4.83E-03	6.55E-04	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	7-PAH	1.78E-04	1.78E-04	2.73E-04	4.25E-04	4.56E-04	6.15E-04	8.47E-04	8.47E-04	1.96E-10	4.20E-04	3.09E-05	5.93E-06	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Propylene Dichloride	1.05E-06	1.05E-06	5.88E-06	1.28E-05	1.96E-05	2.02E-05	7.82E-05	7.82E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Quinoline	5.82E-09	5.82E-09	2.10E-08	3.32E-08	3.15E-08	4.17E-08	5.45E-08	5.45E-08	0.00E+00	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	1,1,2,2-Tetrachloroethane	7.45E-06	7.45E-06	4.73E-05	1.05E-04	1.70E-04	1.73E-04	7.02E-04	7.02E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Logan County	40083	U	Trichloroethylene	8.16E-02	8.16E-02	8.38E-02	8.84E-02	8.73E-02	8.98E-02	9.30E-02	9.30E-02	3.12E-03	3.22E-03	0.00E+00	0.00E+00	8.10E-02	8.10E-02	
Oklahoma	Logan County	40083	U	Vinyl Chloride	1.86E-05	1.86E-05	1.49E-04	3.76E-04	5.00E-04	5.23E-04	1.88E-03	1.88E-03	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	Acetaldehyde	4.66E-02	4.66E-02	4.66E-02	1.01E-01	8.32E-02	1.02E-01	1.02E-01	1.02E-01	5.13E-05	2.82E-02	4.67E-02	8.33E-03	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	Acrolein	9.53E-03	9.53E-03	9.53E-03	2.59E-02	2.04E-02	2.60E-02	2.60E-02	2.60E-02	3.45E-03	8.30E-03	7.11E-03	1.58E-03	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	Acrylonitrile	2.30E-05	2.30E-05	2.30E-05	1.99E-04	1.53E-04	2.36E-04	2.36E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	Arsenic Compounds	3.97E-06	3.97E-06	3.97E-06	1.88E-05	1.39E-05	1.89E-05	1.89E-05	1.89E-05	2.17E-06	1.26E-06	8.72E-06	1.73E-06	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	Benzene	5.40E-01	5.40E-01	5.40E-01	6.92E-01	6.41E-01	6.93E-01	6.93E-01	6.93E-01	8.64E-03	5.23E-02	7.66E-02	2.39E-02	4.80E-01	4.80E-01	
Oklahoma	Love County	40085	R	Benzydine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	Beryllium Compounds	2.27E-07	2.27E-07	2.27E-07	1.98E-06	1.41E-06	2.02E-06	2.02E-06	2.02E-06	3.37E-07	2.83E-07	0.00E+00	7.89E-07	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	1,3-Butadiene	2.62E-03	2.62E-03	2.62E-03	1.29E-02	9.50E-03	1.29E-02	1.29E-02	1.29E-02	5.40E-04	2.40E-03	5.36E-03	1.20E-03	0.00E+00	0.00E+00	
Oklahoma	Love County	40085	R	Cadmium Compounds	8.55E-07	8.55E-07	8.55E-07	6.84E-06	4.99E-06	7.29E-06	7.29E-06	7.29E-06	5.56E-06	6.49E-07	0.00E+00	7.87E-07	0.00E+00		

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

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
Oklahoma	Love County	40085	R	Formaldehyde	2.94E-01	2.94E-01	2.94E-01	3.67E-01	3.43E-01	3.68E-01	3.68E-01	3.68E-01	2.61E-04	3.70E-02	4.20E-02	1.40E-02	2.50E-01
Oklahoma	Love County	40085	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.36E-05	9.35E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	4.65E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Love County	40085	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	3.00E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Love County	40085	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	5.41E-07	3.67E-07	5.61E-07	5.61E-07	5.61E-07	0.00E+00	3.67E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Love County	40085	R	Hydrazine	7.55E-12	7.55E-12	7.55E-12	5.64E-11	4.20E-11	6.19E-11	6.19E-11	6.19E-11	0.00E+00	4.20E-11	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Love County	40085	R	Lead Compounds	4.09E-05	4.09E-05	4.09E-05	3.26E-04	2.36E-04	3.42E-04	3.42E-04	3.42E-04	2.05E-05	4.96E-05	0.00E+00	1.66E-04	0.00E+00
Oklahoma	Love County	40085	R	Manganese Compounds	5.23E-06	5.23E-06	5.23E-06	3.43E-05	2.54E-05	3.67E-05	3.67E-05	3.67E-05	1.90E-05	3.36E-06	1.73E-06	1.32E-06	0.00E+00
Oklahoma	Love County	40085	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	2.07E-06	2.05E-06	1.00E-05	2.17E-06	1.50E-03
Oklahoma	Love County	40085	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.70E-01	1.65E-01	1.71E-01	1.71E-01	1.71E-01	3.14E-06	1.51E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Love County	40085	R	Nickel Compounds	1.26E-05	1.26E-05	1.26E-05	1.08E-04	7.77E-05	1.12E-04	1.12E-04	1.12E-04	3.09E-05	4.19E-05	4.12E-06	8.29E-07	0.00E+00
Oklahoma	Love County	40085	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.46E-01	1.45E-01	1.46E-01	1.46E-01	1.46E-01	1.12E-03	3.67E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Love County	40085	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	4.51E-04	4.29E-04	4.51E-04	4.51E-04	4.51E-04	3.45E-09	4.93E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Love County	40085	R	Polycyclic Organic Matter	2.55E-03	2.55E-03	2.55E-03	1.13E-02	8.38E-03	1.13E-02	1.13E-02	1.13E-02	1.06E-03	4.93E-03	2.05E-03	3.42E-04	0.00E+00
Oklahoma	Love County	40085	R	7-PAH	1.92E-04	1.92E-04	1.92E-04	7.24E-04	5.47E-04	7.25E-04	7.25E-04	7.25E-04	9.86E-07	5.24E-04	1.47E-05	7.35E-06	0.00E+00
Oklahoma	Love County	40085	R	Propylene Dichloride	1.32E-06	1.32E-06	1.32E-06	1.14E-05	8.78E-06	1.36E-05	1.36E-05	1.36E-05	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Love County	40085	R	Quinoline	1.66E-10	1.66E-10	1.66E-10	1.34E-09	9.72E-10	1.42E-09	1.42E-09	1.42E-09	0.00E+00	9.72E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Love County	40085	R	1,1,2,2-Tetrachloroethane	1.14E-05	1.14E-05	1.14E-05	9.84E-05	7.62E-05	1.19E-04	1.19E-04	1.19E-04	0.00E+00	7.62E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Love County	40085	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.33E-02	8.27E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	1.73E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Love County	40085	R	Vinyl Chloride	2.80E-05	2.80E-05	2.80E-05	2.43E-04	1.88E-04	2.92E-04	2.92E-04	2.92E-04	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	Acetaldehyde	5.56E-02	5.56E-02	1.25E-01	1.43E-01	1.42E-01	1.43E-01	1.43E-01	2.44E-01	8.99E-04	4.00E-02	8.97E-02	1.13E-02	0.00E+00
Oklahoma	McClain County	40087	U	Acrolein	1.10E-02	1.10E-02	1.43E-02	1.75E-02	1.77E-02	1.85E-02	2.74E-02	2.74E-02	3.22E-04	4.84E-03	1.04E-02	2.16E-03	0.00E+00
Oklahoma	McClain County	40087	U	Acrylonitrile	1.42E-05	1.42E-05	7.81E-05	9.75E-05	1.16E-04	1.44E-04	2.46E-04	2.46E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	Arsenic Compounds	4.81E-06	4.81E-06	1.10E-05	1.18E-05	1.33E-05	1.70E-05	2.17E-05	2.17E-05	4.12E-07	9.97E-07	6.18E-06	2.24E-06	0.00E+00
Oklahoma	McClain County	40087	U	Benzene	5.42E-01	5.42E-01	6.08E-01	6.48E-01	6.46E-01	6.91E-01	7.40E-01	7.40E-01	1.62E-03	4.26E-02	1.02E-01	1.96E-02	4.80E-01
Oklahoma	McClain County	40087	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
Oklahoma	McClain County	40087	U	Beryllium Compounds	2.97E-07	2.97E-07	4.12E-07	5.01E-07	8.69E-07	6.22E-07	2.51E-06	2.51E-06	5.75E-08	2.67E-07	0.00E+00	5.45E-07	0.00E+00
Oklahoma	McClain County	40087	U	1,3-Butadiene	3.73E-03	3.73E-03	5.76E-03	6.71E-03	8.94E-03	1.27E-02	1.58E-02	1.58E-02	6.76E-05	1.26E-03	6.22E-03	1.40E-03	0.00E+00
Oklahoma	McClain County	40087	U	Cadmium Compounds	6.71E-07	6.71E-07	9.35E-07	1.05E-06	1.46E-06	1.41E-06	3.24E-06	3.24E-06	4.00E-07	5.17E-07	0.00E+00	5.44E-07	0.00E+00
Oklahoma	McClain County	40087	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.73E-02	4.73E-02	4.75E-02	4.75E-02	1.55E-07	2.92E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	McClain County	40087	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.69E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	McClain County	40087	U	Chloroform	8.36E-02	8.36E-02	8.43E-02	8.52E-02	8.52E-02	8.59E-02	8.70E-02	8.70E-02	0.00E+00	2.19E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	McClain County	40087	U	Chromium Compounds (includes Hexavalent)	4.76E-06	4.76E-06	8.25E-05	1.01E-04	9.94E-05	1.07E-04	2.03E-04	2.03E-04	8.78E-05	4.43E-06	6.83E-06	3.53E-07	0.00E+00
Oklahoma	McClain County	40087	U	Chromium VI	1.85E-06	1.85E-06	2.86E-05	3.50E-05	3.65E-05	4.05E-05	7.65E-05	7.65E-05	2.99E-05	3.80E-06	2.71E-06	1.20E-07	0.00E+00
Oklahoma	McClain County	40087	U	Coke Oven Emissions	0.00E+00	0.00E+00	1.83E-10	2.13E-10	2.15E-10	2.99E-10	3.80E-10	3.80E-10	2.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	1,4-Dichlorobenzene	1.11E-03	1.11E-03	2.56E-03	3.99E-03	4.11E-03	6.25E-03	6.66E-03	6.66E-03	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	1,3-Dichloropropene	2.10E-03	2.10E-03	4.93E-03	7.69E-03	8.04E-03	1.21E-02	1.34E-02	1.34E-02	0.00E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	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	6.05E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	McClain County	40087	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.28E-08	1.16E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	McClain County	40087	U	Ethylene Oxide	3.39E-05	3.39E-05	3.81E-05	9.74E-05	9.80E-05	1.55E-04	1.65E-04	1.65E-04	0.00E+00	9.80E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	Formaldehyde	3.16E-01	3.16E-01	3.63E-01	3.67E-01	3.75E-01	3.82E-01	4.46E-01	4.46E-01	1.66E-03	3.67E-02	6.57E-02	2.06E-02	2.50E-01
Oklahoma	McClain County	40087	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.35E-05	9.35E-05	0.00E+00	1.99E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	McClain County	40087	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	3.30E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	McClain County	40087	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
Oklahoma	McClain County	40087	U	Hydrazine	2.30E-11	2.30E-11	3.51E-10	2.53E-09	2.06E-09	3.63E-09	3.77E-09	3.77E-09	0.00E+00	2.96E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	Lead Compounds	3.25E-05	3.25E-05	1.70E-04	2.36E-04	3.30E-04	4.31E-04	7.81E-04	7.81E-04	1.12E-06	1.89E-05	0.00E+00	3.10E-04	0.00E+00
Oklahoma	McClain County	40087	U	Manganese Compounds	6.28E-06	6.28E-06	6.84E-05	9.09E-05	8.39E-05	9.29E-05	1.61E-04	1.61E-04	5.47E-05	2.68E-05	2.12E-06	2.63E-07	0.00E+00
Oklahoma	McClain County	40087	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.81E-07	1.71E-06	1.05E-05	2.42E-06	1.50E-03
Oklahoma	McClain County	40087	U	Methylene Chloride	1.54E-01	1.54E-01	2.31E-01	2.34E-01	2.44E-01	2.84E-01	3.18E-01	3.18E-01	7.47E-02	1.95E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	McClain County	40087	U	Nickel Compounds	9.07E-06	9.07E-06	5.60E-05	6.28E-05	6.76E-05	8.88E-05	1.22E-04	1.22E-04	4.56E-05	1.64E-05	5.10E-06	4.79E-07	0.00E+00
Oklahoma	McClain County	40087	U	Perchloroethylene	1.42E-01	1.42E-01	1.58E-01	1.61E-01	1.62E-01	1.65E-01	1.85E-01	1.85E-01	1.47E-02	7.30E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	McClain County	40087	U	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.92E-04	3.98E-04	3.98E-04	4.27E-04	4.27E-04	6.20E-10	1.81E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	McClain County	40087	U	Polycyclic Organic Matter	3.87E-03	3.87E-03	5.73E-03	6.98E-03	8.03E-03	1.17E-02	1.18E-02	1.18E-02	3.48E-04	4.56E-03	2.61E-03	5.11E-04	0.00E+00
Oklahoma	McClain County	40087	U	7-PAH	2.05E-04	2.05E-04	2.19E-04	2.76E-04	3.18E-04	3.21E-04	5.71E-04	5.71E-04	1.60E-07	2.95E-04	1.79E-05	5.22E-06	0.00E+00
Oklahoma	McClain County	40087	U	Propylene Dichloride	7.28E-07	7.28E-07	3.83E-06	5.52E-06	5.96E-06	7.25E-06	1.25E-05	1.25E-05	0.00E+00	5.96E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	Quinoline	8.31E-10	8.31E-10	4.02E-09	1.20E-08	1.37E-08	1.94E-08	3.24E-08	3.24E-08	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County	40087	U	1,1,2,2-Tetrachloroethane	5.40E-06	5.40E-06	2.55E-05	4.67E-05	4.85E-05	6.06E-05	1.05E-04	1.05E-04	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McClain County																

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

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
Oklahoma	McCurtain County	40089	R	Beryllium Compounds	2.61E-07	2.61E-07	3.16E-07	4.42E-07	4.56E-07	5.64E-07	7.46E-07	7.46E-07	2.22E-07	1.97E-07	0.00E+00	3.74E-08	0.00E+00
Oklahoma	McCurtain County	40089	R	1,3-Butadiene	3.71E-03	3.71E-03	4.58E-03	7.38E-03	8.87E-03	1.43E-02	1.48E-02	1.48E-02	0.00E+00	3.41E-03	4.74E-03	7.20E-04	0.00E+00
Oklahoma	McCurtain County	40089	R	Cadmium Compounds	2.13E-06	2.13E-06	4.24E-06	1.49E-05	1.71E-05	1.91E-05	5.81E-05	1.20E-05	1.58E-05	1.20E-06	0.00E+00	3.71E-08	0.00E+00
Oklahoma	McCurtain County	40089	R	Carbon Disulfide	4.70E-02	4.70E-02	4.81E-02	4.85E-02	5.35E-02	5.47E-02	7.87E-02	7.87E-02	6.38E-03	1.37E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	McCurtain County	40089	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.92E-01	8.86E-01	9.59E-01	9.59E-01	1.17E-02	3.58E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	McCurtain County	40089	R	Chloroform	8.33E-02	8.33E-02	8.52E-02	8.66E-02	9.36E-02	8.91E-02	1.44E-01	1.44E-01	8.88E-03	1.68E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	McCurtain County	40089	R	Chromium Compounds (includes Hexavalent)	2.36E-06	2.36E-06	5.43E-05	7.22E-05	8.01E-05	1.01E-04	1.82E-04	1.82E-04	7.07E-05	5.17E-06	3.94E-06	2.94E-07	0.00E+00
Oklahoma	McCurtain County	40089	R	Chromium VI	9.33E-07	9.33E-07	1.16E-05	1.27E-05	2.32E-05	2.49E-05	8.60E-05	8.60E-05	1.86E-05	2.89E-06	1.57E-06	9.99E-08	0.00E+00
Oklahoma	McCurtain County	40089	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
Oklahoma	McCurtain County	40089	R	1,4-Dichlorobenzene	7.55E-04	7.55E-04	9.23E-04	2.21E-03	2.58E-03	4.33E-03	4.99E-03	4.99E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	R	1,3-Dichloropropene	1.40E-03	1.40E-03	1.78E-03	4.42E-03	5.17E-03	8.73E-03	1.01E-02	1.01E-02	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	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	2.35E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	McCurtain County	40089	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.12E-02	6.12E-02	6.36E-02	6.24E-02	7.84E-02	7.84E-02	2.61E-03	8.13E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	McCurtain County	40089	R	Ethylene Oxide	1.52E-05	1.52E-05	2.91E-05	7.07E-05	8.02E-05	1.28E-04	1.70E-04	1.70E-04	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	R	Formaldehyde	3.39E-01	3.39E-01	3.73E-01	3.93E-01	4.14E-01	4.36E-01	5.71E-01	5.71E-01	4.70E-02	7.94E-02	2.96E-02	8.09E-03	2.50E-01
Oklahoma	McCurtain County	40089	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.29E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	McCurtain County	40089	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	2.06E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	McCurtain County	40089	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	4.98E-05	4.98E-05	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	R	Hydrazine	2.13E-15	2.13E-15	7.14E-13	2.98E-12	6.01E-12	1.03E-11	2.01E-11	2.01E-11	0.00E+00	6.01E-12	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	R	Lead Compounds	2.44E-05	2.44E-05	5.17E-05	9.87E-05	1.20E-04	1.24E-04	3.91E-04	3.91E-04	1.38E-05	2.18E-05	0.00E+00	8.48E-05	0.00E+00
Oklahoma	McCurtain County	40089	R	Manganese Compounds	9.91E-05	9.91E-05	2.31E-04	4.34E-04	5.76E-04	7.90E-04	1.60E-03	1.60E-03	1.84E-04	3.90E-04	1.25E-06	2.92E-07	0.00E+00
Oklahoma	McCurtain County	40089	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.55E-03	1.54E-03	1.56E-03	1.57E-03	1.57E-03	2.69E-05	3.08E-06	6.79E-06	1.04E-06	1.50E-03
Oklahoma	McCurtain County	40089	R	Methylene Chloride	1.53E-01	1.53E-01	1.56E-01	1.67E-01	1.66E-01	1.75E-01	1.80E-01	1.80E-01	3.84E-03	1.21E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	McCurtain County	40089	R	Nickel Compounds	8.19E-06	8.19E-06	1.90E-05	2.09E-05	5.80E-05	1.05E-04	1.66E-04	1.66E-04	5.13E-05	3.43E-06	2.95E-06	2.96E-07	0.00E+00
Oklahoma	McCurtain County	40089	R	Perchloroethylene	1.41E-01	1.41E-01	1.43E-01	1.46E-01	1.48E-01	1.46E-01	1.71E-01	1.71E-01	4.44E-03	3.33E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	McCurtain County	40089	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.86E-04	4.06E-04	4.07E-04	4.28E-04	4.30E-04	4.30E-04	0.00E+00	2.67E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	McCurtain County	40089	R	Polycyclic Organic Matter	3.68E-03	3.68E-03	4.55E-03	6.61E-03	8.19E-03	1.25E-02	1.46E-02	1.46E-02	2.24E-04	6.34E-03	1.47E-03	1.57E-04	0.00E+00
Oklahoma	McCurtain County	40089	R	7-PAH	4.06E-04	4.06E-04	5.09E-04	7.59E-04	7.55E-04	1.01E-03	1.07E-03	1.07E-03	1.22E-10	7.41E-04	1.04E-05	3.82E-06	0.00E+00
Oklahoma	McCurtain County	40089	R	Propylene Dichloride	1.10E-06	1.10E-06	1.35E-06	2.17E-06	2.87E-06	2.84E-06	9.13E-06	9.13E-06	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	R	Quinoline	9.24E-14	9.24E-14	4.26E-11	1.51E-10	2.88E-10	4.50E-10	1.01E-09	1.01E-09	0.00E+00	2.88E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	R	1,1,2,2-Tetrachloroethane	5.79E-06	5.79E-06	9.90E-06	1.63E-05	2.31E-05	2.46E-05	7.74E-05	7.74E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McCurtain County	40089	R	Trichloroethylene	8.13E-02	8.13E-02	8.21E-02	8.31E-02	8.46E-02	8.35E-02	9.77E-02	9.77E-02	2.46E-03	1.11E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	McCurtain County	40089	R	Vinyl Chloride	1.43E-05	1.43E-05	2.44E-05	4.02E-05	5.70E-05	6.07E-05	1.91E-04	1.91E-04	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McIntosh County	40091	R	Acetaldehyde	5.67E-02	5.67E-02	5.69E-02	6.97E-02	8.04E-02	1.17E-01	1.18E-01	1.18E-01	9.02E-04	2.14E-02	4.65E-02	1.16E-02	0.00E+00
Oklahoma	McIntosh County	40091	R	Acrolein	1.09E-02	1.09E-02	1.11E-02	1.38E-02	1.39E-02	1.74E-02	1.76E-02	1.76E-02	1.20E-06	5.68E-03	5.30E-03	2.96E-03	0.00E+00
Oklahoma	McIntosh County	40091	R	Acrylonitrile	2.39E-05	2.39E-05	3.33E-05	3.75E-05	6.19E-05	8.11E-05	1.82E-04	1.82E-04	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McIntosh County	40091	R	Arsenic Compounds	4.71E-06	4.71E-06	5.27E-06	6.89E-06	1.09E-05	2.25E-05	2.33E-05	2.33E-05	2.35E-06	4.89E-07	6.61E-06	1.41E-06	0.00E+00
Oklahoma	McIntosh County	40091	R	Benzene	5.67E-01	5.67E-01	5.78E-01	6.03E-01	6.18E-01	6.75E-01	6.75E-01	6.75E-01	1.75E-05	2.89E-02	5.91E-02	4.97E-02	4.80E-01
Oklahoma	McIntosh County	40091	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
Oklahoma	McIntosh County	40091	R	Beryllium Compounds	1.87E-07	1.87E-07	2.09E-07	8.20E-07	1.09E-06	2.32E-06	2.36E-06	2.36E-06	1.23E-07	1.33E-07	0.00E+00	8.34E-07	0.00E+00
Oklahoma	McIntosh County	40091	R	1,3-Butadiene	4.53E-03	4.53E-03	4.56E-03	6.41E-03	7.85E-03	1.26E-02	1.26E-02	1.26E-02	0.00E+00	1.15E-03	4.39E-03	2.31E-03	0.00E+00
Oklahoma	McIntosh County	40091	R	Cadmium Compounds	2.76E-07	2.76E-07	3.67E-07	1.01E-06	1.47E-06	3.24E-06	3.36E-06	3.36E-06	3.04E-07	3.36E-07	0.00E+00	8.32E-07	0.00E+00
Oklahoma	McIntosh County	40091	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.73E-02	4.73E-02	8.57E-07	1.48E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	McIntosh County	40091	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.35E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	McIntosh County	40091	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.34E-02	8.41E-02	8.57E-02	8.59E-02	8.59E-02	8.62E-04	2.86E-04	0.00E+00	0.00E+00	8.30E-02
Oklahoma	McIntosh County	40091	R	Chromium Compounds (includes Hexavalent)	2.78E-06	2.78E-06	4.83E-06	6.80E-05	1.27E-04	2.59E-04	2.87E-04	2.87E-04	1.22E-04	3.54E-07	4.19E-06	5.91E-07	0.00E+00
Oklahoma	McIntosh County	40091	R	Chromium VI	1.10E-06	1.10E-06	1.99E-06	3.56E-06	6.26E-06	1.21E-05	1.30E-05	1.30E-05	4.19E-06	2.01E-07	1.67E-06	2.01E-07	0.00E+00
Oklahoma	McIntosh County	40091	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
Oklahoma	McIntosh County	40091	R	1,4-Dichlorobenzene	1.06E-03	1.06E-03	1.09E-03	1.89E-03	2.42E-03	4.50E-03	4.51E-03	4.51E-03	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McIntosh County	40091	R	1,3-Dichloropropene	1.97E-03	1.97E-03	2.10E-03	3.71E-03	4.78E-03	9.03E-03	9.03E-03	9.03E-03	0.00E+00	4.78E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McIntosh County	40091	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	3.27E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	McIntosh County	40091	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	2.64E-07	6.46E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	McIntosh County	40091	R	Ethylene Oxide	1.10E-05	1.10E-05	2.16E-05	2.74E-05	3.86E-05	6.29E-05	6.29E-05	6.29E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	McIntosh County	40091	R	Formaldehyde	3.09E-01	3.09E-01	3.14E-01	3.28E-01	3.32E-01	3.65E-01	3.65E-01	3.65E-01	1.34E-05	3.07E-02	3.64E-02	1.54E-02	2.50E-01
Oklahoma	McIntosh County	40091	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.83E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	McIntosh County	40091	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	1.98E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma																	

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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		
Oklahoma	Marshall County	40095	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	7.70E-03	0.00E+00	1.42E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Marshall County	40095	R	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	6.11E-02	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Marshall County	40095	R	Ethylene Oxide	4.22E-04	4.22E-04	4.22E-04	4.35E-04	8.40E-04	1.66E-03	1.66E-03	1.66E-03	1.66E-03	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-04
Oklahoma	Marshall County	40095	R	Formaldehyde	3.86E-01	3.86E-01	3.86E-01	4.17E-01	4.07E-01	4.18E-01	4.18E-01	4.18E-01	4.18E-01	6.58E-05	5.33E-02	7.59E-02	2.79E-02	2.50E-01	
Oklahoma	Marshall County	40095	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.37E-05	9.36E-05	9.37E-05	9.37E-05	9.37E-05	9.37E-05	0.00E+00	5.64E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Marshall County	40095	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	1.80E-03	0.00E+00	6.93E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Marshall County	40095	R	Hexamethylene Diisocyanate	8.01E-06	8.01E-06	8.01E-06	8.81E-05	7.56E-05	1.31E-04	1.31E-04	1.31E-04	1.31E-04	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Hydrazine	8.67E-11	8.67E-11	8.67E-11	8.83E-11	1.35E-10	2.29E-10	2.29E-10	2.29E-10	2.29E-10	0.00E+00	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Lead Compounds	5.21E-04	5.21E-04	5.21E-04	6.66E-04	6.24E-04	6.85E-04	6.85E-04	6.85E-04	6.85E-04	4.93E-06	4.55E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Manganese Compounds	1.48E-05	1.48E-05	1.48E-05	1.62E-05	1.60E-05	1.69E-05	1.69E-05	1.69E-05	1.69E-05	4.50E-06	6.00E-06	3.07E-06	2.40E-06	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	4.90E-07	2.10E-06	1.72E-05	3.21E-06	0.00E+00	0.00E+00	1.50E-03
Oklahoma	Marshall County	40095	R	Methylene Chloride	1.68E-01	1.68E-01	1.68E-01	1.97E-01	1.87E-01	1.97E-01	1.97E-01	1.97E-01	1.97E-01	2.60E-05	3.71E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Marshall County	40095	R	Nickel Compounds	5.64E-05	5.64E-05	5.64E-05	1.10E-04	9.26E-05	1.11E-04	1.11E-04	1.11E-04	1.03E-05	7.32E-05	7.44E-06	1.59E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Perchloroethylene	1.46E-01	1.46E-01	1.46E-01	1.50E-01	1.49E-01	1.50E-01	1.50E-01	1.50E-01	3.20E-04	8.43E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Marshall County	40095	R	Polychlorinated Biphenyls	4.04E-04	4.04E-04	4.04E-04	4.63E-04	4.43E-04	4.63E-04	4.63E-04	4.63E-04	1.21E-09	6.34E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Marshall County	40095	R	Polycyclic Organic Matter	9.45E-03	9.45E-03	9.45E-03	1.66E-02	1.43E-02	1.68E-02	1.68E-02	1.68E-02	2.97E-04	9.57E-03	3.80E-03	6.26E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	7-PAH	5.91E-04	5.91E-04	5.91E-04	9.26E-04	8.18E-04	9.38E-04	9.38E-04	9.38E-04	2.67E-07	7.71E-04	2.55E-05	2.13E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Propylene Dichloride	1.46E-05	1.46E-05	1.46E-05	1.49E-05	1.62E-05	1.91E-05	1.91E-05	1.91E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Quinoline	2.33E-09	2.33E-09	2.33E-09	2.37E-09	3.42E-09	5.57E-09	5.57E-09	5.57E-09	5.57E-09	0.00E+00	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	1,1,2,2-Tetrachloroethane	1.20E-04	1.20E-04	1.20E-04	1.23E-04	1.38E-04	1.70E-04	1.70E-04	1.70E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Marshall County	40095	R	Trichloroethylene	8.34E-02	8.34E-02	8.34E-02	8.76E-02	8.62E-02	8.77E-02	8.77E-02	8.77E-02	1.02E-07	5.24E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Marshall County	40095	R	Vinyl Chloride	2.96E-04	2.96E-04	2.96E-04	3.03E-04	3.39E-04	4.18E-04	4.18E-04	4.18E-04	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Acetaldehyde	6.99E-02	6.99E-02	9.03E-02	1.17E-01	1.16E-01	1.36E-01	1.74E-01	1.74E-01	2.16E-03	1.92E-02	7.73E-02	1.78E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Acrolein	1.52E-02	1.52E-02	1.92E-02	2.14E-02	2.29E-02	2.79E-02	3.09E-02	3.09E-02	2.10E-05	9.69E-03	1.07E-02	2.50E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Acrylonitrile	1.60E-05	1.60E-05	1.91E-05	2.38E-05	8.61E-05	1.80E-04	2.27E-04	2.27E-04	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Arsenic Compounds	1.04E-05	1.04E-05	2.51E-05	6.58E-05	5.70E-05	8.65E-05	9.12E-05	9.12E-05	3.70E-05	2.65E-06	1.18E-05	5.92E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Benzene	5.99E-01	5.99E-01	6.16E-01	6.44E-01	7.12E-01	8.42E-01	8.90E-01	8.90E-01	6.58E-04	7.72E-02	1.22E-01	3.21E-02	4.80E-01		
Oklahoma	Mayes County	40097	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	0.00E+00
Oklahoma	Mayes County	40097	R	Beryllium Compounds	3.17E-07	3.17E-07	1.05E-06	4.09E-06	3.60E-06	5.96E-06	6.27E-06	6.27E-06	1.91E-06	5.97E-07	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	1,3-Butadiene	5.05E-03	5.05E-03	5.73E-03	8.50E-03	1.30E-02	2.21E-02	2.64E-02	2.64E-02	0.00E+00	1.63E-03	9.33E-03	2.05E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Cadmium Compounds	7.50E-07	7.50E-07	2.39E-06	8.59E-06	7.04E-06	1.12E-05	1.13E-05	1.13E-05	4.69E-06	1.27E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.75E-02	5.08E-02	5.57E-02	5.84E-02	5.84E-02	1.35E-05	3.76E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Mayes County	40097	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	8.80E-01	0.00E+00	1.30E-04	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Mayes County	40097	R	Chloroform	8.38E-02	8.38E-02	8.43E-02	8.85E-02	8.89E-02	8.91E-02	1.04E-01	1.04E-01	2.73E-03	3.18E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Mayes County	40097	R	Chromium Compounds (includes Hexavalent)	1.63E-05	1.63E-05	8.14E-05	2.25E-04	4.24E-04	3.03E-04	2.16E-03	2.16E-03	2.59E-04	1.56E-04	8.02E-06	5.75E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Chromium VI	5.59E-06	5.59E-06	1.29E-05	4.54E-05	5.70E-05	7.63E-05	1.81E-04	1.81E-04	1.07E-05	4.30E-05	3.12E-06	1.96E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	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	0.00E+00
Oklahoma	Mayes County	40097	R	1,4-Dichlorobenzene	2.06E-03	2.06E-03	2.59E-03	3.32E-03	8.47E-03	1.65E-02	2.09E-02	2.09E-02	0.00E+00	8.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	1,3-Dichloropropene	4.04E-03	4.04E-03	5.04E-03	6.36E-03	1.70E-02	3.33E-02	4.24E-02	4.24E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	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	7.70E-03	0.00E+00	8.34E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Mayes County	40097	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	9.20E-06	2.34E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Mayes County	40097	R	Ethylene Oxide	2.11E-05	2.11E-05	3.83E-05	6.23E-05	1.86E-04	3.87E-04	4.92E-04	4.92E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Formaldehyde	3.35E-01	3.35E-01	3.53E-01	3.83E-01	4.02E-01	4.65E-01	4.77E-01	4.77E-01	1.08E-02	4.15E-02	6.66E-02	3.30E-02	2.50E-01		
Oklahoma	Mayes County	40097	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.38E-05	9.46E-05	9.52E-05	9.52E-05	0.00E+00	8.07E-07	0.00E+00	0.00E+00	9.30E-05		
Oklahoma	Mayes County	40097	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	1.80E-03	0.00E+00	6.35E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Mayes County	40097	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	8.05E-07	1.72E-06	2.47E-06	7.19E-06	7.19E-06	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Hydrazine	1.43E-10	1.43E-10	1.14E-09	8.31E-09	3.38E-07	7.69E-07	1.15E-06	1.15E-06	0.00E+00	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Lead Compounds	4.00E-05	4.00E-05	7.55E-05	2.16E-04	2.58E-04	4.35E-04	5.67E-04	5.67E-04	3.61E-05	2.93E-05	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Manganese Compounds	1.02E-05	1.02E-05	6.86E-05	2.91E-04	2.25E-04	3.31E-04	4.04E-04	4.04E-04	8.79E-05	1.34E-04	2.43E-06	5.92E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Mayes County	40097	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.55E-03	1.54E-03	1.56E-03	1.57E-03	1.57E-03	1.89E-05	2.98E-06	1.31E-05	6.15E-06	1.50E-03		
Oklahoma	Mayes County	40097	R	Methylene Chloride	1.58E-01	1.58E-01	1.60E-01	1.65E-01	1.88E-01	2.24E-01	2.45E-01	2.45E-01	1.05E-03	3.68E-02	0.00E+00	0.00E+00	1.50E-01		
Oklahoma	Mayes County																		

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

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	
Oklahoma	Murray County	40099	U	Arsenic Compounds	5.07E-06	5.07E-06	5.07E-06	7.73E-06	7.11E-06	8.54E-06	8.54E-06	8.54E-06	2.01E-06	3.99E-07	3.82E-06	8.87E-07	0.00E+00	
Oklahoma	Murray County	40099	U	Benzene	5.61E-01	5.61E-01	5.61E-01	5.63E-01	5.72E-01	5.93E-01	5.93E-01	5.93E-01	8.29E-03	3.49E-02	3.61E-02	1.29E-02	4.80E-01	
Oklahoma	Murray County	40099	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	
Oklahoma	Murray County	40099	U	Beryllium Compounds	4.64E-07	4.64E-07	4.64E-07	7.79E-07	7.80E-07	1.10E-06	1.10E-06	1.10E-06	3.27E-07	1.04E-07	0.00E+00	3.49E-07	0.00E+00	
Oklahoma	Murray County	40099	U	1,3-Butadiene	5.69E-03	5.69E-03	5.69E-03	5.82E-03	7.15E-03	9.94E-03	9.94E-03	9.94E-03	3.20E-04	2.91E-03	3.04E-03	8.76E-04	0.00E+00	
Oklahoma	Murray County	40099	U	Cadmium Compounds	2.80E-06	2.80E-06	2.80E-06	3.05E-06	4.34E-06	7.16E-06	7.16E-06	7.16E-06	3.40E-06	5.93E-07	0.00E+00	3.84E-07	0.00E+00	
Oklahoma	Murray County	40099	U	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	9.12E-05	1.03E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Murray County	40099	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.64E-05	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Murray County	40099	U	Chloroform	8.37E-02	8.37E-02	8.37E-02	8.47E-02	8.45E-02	8.51E-02	8.51E-02	8.51E-02	0.00E+00	1.50E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Murray County	40099	U	Chromium Compounds (includes Hexavalent)	1.05E-05	1.05E-05	1.05E-05	1.29E-05	1.63E-05	2.54E-05	2.54E-05	2.54E-05	1.17E-05	2.03E-06	2.38E-06	1.89E-07	0.00E+00	
Oklahoma	Murray County	40099	U	Chromium VI	3.09E-06	3.09E-06	3.09E-06	3.86E-06	4.45E-06	6.40E-06	6.40E-06	6.40E-06	2.72E-06	7.47E-07	9.22E-07	6.44E-08	0.00E+00	
Oklahoma	Murray County	40099	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	
Oklahoma	Murray County	40099	U	1,4-Dichlorobenzene	1.33E-03	1.33E-03	1.33E-03	2.48E-03	2.26E-03	2.97E-03	2.97E-03	2.97E-03	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	U	1,3-Dichloropropene	2.57E-03	2.57E-03	2.57E-03	4.97E-03	4.50E-03	5.97E-03	5.97E-03	5.97E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	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	1.21E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Murray County	40099	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.81E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Murray County	40099	U	Ethylene Oxide	5.55E-05	5.55E-05	5.55E-05	5.87E-05	6.77E-05	8.88E-05	8.88E-05	8.88E-05	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	U	Formaldehyde	3.07E-01	3.07E-01	3.07E-01	3.16E-01	3.20E-01	3.37E-01	3.37E-01	3.37E-01	9.25E-04	4.19E-02	2.04E-02	6.90E-03	2.50E-01	
Oklahoma	Murray County	40099	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	1.35E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Murray County	40099	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	1.57E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Murray County	40099	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	4.99E-06	3.42E-06	5.27E-06	5.27E-06	5.27E-06	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	U	Hydrazine	1.99E-11	1.99E-11	1.99E-11	2.16E-11	2.89E-11	4.54E-11	4.54E-11	4.54E-11	0.00E+00	2.89E-11	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	U	Lead Compounds	5.54E-04	5.54E-04	5.54E-04	5.98E-04	5.93E-04	6.28E-04	6.28E-04	6.28E-04	1.63E-05	4.42E-05	0.00E+00	1.25E-04	0.00E+00	
Oklahoma	Murray County	40099	U	Manganese Compounds	1.06E-05	1.06E-05	1.06E-05	1.24E-05	1.96E-05	3.57E-05	3.57E-05	3.57E-05	1.76E-05	1.12E-06	7.41E-07	1.18E-07	0.00E+00	
Oklahoma	Murray County	40099	U	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	1.85E-06	5.22E-06	4.34E-06	1.11E-06	1.50E-03	
Oklahoma	Murray County	40099	U	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.61E-01	1.59E-01	1.62E-01	1.62E-01	1.62E-01	3.58E-06	9.35E-03	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Murray County	40099	U	Nickel Compounds	2.04E-05	2.04E-05	2.04E-05	2.41E-05	3.44E-05	5.88E-05	5.88E-05	5.88E-05	2.67E-05	5.70E-06	1.81E-06	2.30E-07	0.00E+00	
Oklahoma	Murray County	40099	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	9.35E-04	1.73E-03	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Murray County	40099	U	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.92E-04	3.91E-04	3.95E-04	3.95E-04	3.95E-04	4.26E-09	1.11E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Murray County	40099	U	Polycyclic Organic Matter	5.13E-03	5.13E-03	5.13E-03	5.41E-03	5.72E-03	6.63E-03	6.63E-03	6.63E-03	1.21E-03	3.42E-03	9.20E-04	1.75E-04	0.00E+00	
Oklahoma	Murray County	40099	U	7-PAH	3.26E-04	3.26E-04	3.26E-04	3.32E-04	3.86E-04	5.02E-04	5.02E-04	5.02E-04	9.85E-07	3.76E-04	6.66E-06	3.01E-06	0.00E+00	
Oklahoma	Murray County	40099	U	Propylene Dichloride	1.33E-06	1.33E-06	1.33E-06	1.44E-06	1.50E-06	1.72E-06	1.72E-06	1.72E-06	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	U	Quinoline	6.67E-10	6.67E-10	6.67E-10	6.98E-10	8.07E-10	1.06E-09	1.06E-09	1.06E-09	0.00E+00	8.07E-10	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	U	1,1,2,2-Tetrachloroethane	9.30E-06	9.30E-06	9.30E-06	1.00E-05	1.13E-05	1.46E-05	1.46E-05	1.46E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Murray County	40099	U	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.17E-02	8.16E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	6.03E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Murray County	40099	U	Vinyl Chloride	2.30E-05	2.30E-05	2.30E-05	2.48E-05	2.80E-05	3.61E-05	3.61E-05	3.61E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Muskogee County	40101	U	Acetaldehyde	8.34E-02	8.80E-02	1.29E-01	1.53E-01	1.50E-01	1.84E-01	2.02E-01	2.36E-01	1.59E-02	2.08E-02	9.46E-02	1.89E-02	0.00E+00	
Oklahoma	Muskogee County	40101	U	Acrolein	1.39E-02	1.43E-02	1.80E-02	2.43E-02	2.40E-02	2.95E-02	3.30E-02	3.49E-02	8.67E-06	7.33E-03	1.41E-02	2.62E-03	0.00E+00	
Oklahoma	Muskogee County	40101	U	Acrylonitrile	2.96E-05	3.00E-05	6.85E-05	1.73E-04	2.38E-04	2.47E-04	7.85E-04	9.03E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Muskogee County	40101	U	Arsenic Compounds	1.28E-05	1.41E-05	3.36E-05	3.81E-05	4.18E-05	5.04E-05	7.92E-05	8.83E-05	1.80E-05	4.98E-06	1.41E-05	4.64E-06	0.00E+00	
Oklahoma	Muskogee County	40101	U	Benzene	5.79E-01	5.83E-01	6.33E-01	8.33E-01	8.05E-01	9.56E-01	1.00E+00	1.09E+00	6.51E-05	1.22E-01	1.68E-01	3.55E-02	4.80E-01	
Oklahoma	Muskogee County	40101	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	
Oklahoma	Muskogee County	40101	U	Beryllium Compounds	6.15E-07	1.09E-06	1.87E-06	3.36E-06	3.83E-06	5.91E-06	7.46E-06	8.04E-06	9.33E-07	1.20E-06	0.00E+00	1.69E-06	0.00E+00	
Oklahoma	Muskogee County	40101	U	1,3-Butadiene	4.10E-03	4.52E-03	5.96E-03	1.70E-02	1.71E-02	2.47E-02	3.58E-02	3.87E-02	0.00E+00	9.43E-04	1.33E-02	2.79E-03	0.00E+00	
Oklahoma	Muskogee County	40101	U	Cadmium Compounds	1.05E-06	1.69E-06	4.36E-06	6.85E-06	7.65E-06	1.10E-05	1.23E-05	1.47E-05	2.29E-06	3.68E-06	0.00E+00	1.69E-06	0.00E+00	
Oklahoma	Muskogee County	40101	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.77E-02	4.77E-02	4.83E-02	4.86E-02	4.89E-02	6.21E-06	7.34E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Muskogee County	40101	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.73E-04	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Muskogee County	40101	U	Chloroform	8.55E-02	8.67E-02	9.32E-02	9.97E-02	1.04E-01	1.10E-01	1.31E-01	1.59E-01	1.54E-02	6.07E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Muskogee County	40101	U	Chromium Compounds (includes Hexavalent)	2.27E-04	4.25E-04	8.24E-04	1.57E-03	3.10E-03	3.77E-03	6.19E-03	1.81E-02	3.04E-03	4.55E-05	1.06E-05	7.93E-07	0.00E+00	
Oklahoma	Muskogee County	40101	U	Chromium VI	1.25E-05	2.03E-05	4.91E-05	8.15E-05	1.23E-04	1.68E-04	2.19E-04	5.66E-04	9.37E-05	2.47E-05	2.67E-06	2.70E-07	0.00E+00	
Oklahoma	Muskogee County	40101	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	
Oklahoma	Muskogee County	40101	U	1,4-Dichlorobenzene	1.81E-03	1.91E-03	3.35E-03	1.28E-02	1.32E-02	2.19E-02	2.88E-02	2.92E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Muskogee County	40101	U	1,3-Dichloropropene	3.48E-03	3.68E-03	6.65E-03	2.57E-02	2.67E-02	4.44E-02	5.86E-02	5.95E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Muskogee County	40101	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	1.17E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Muskogee County	40101	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.91E-06	2.34E-05	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Muskogee County	40101	U	Ethylene Oxide	3.48E-05	3.53E-05	6.91E-05	4.51E-04	5.98E-04	6.99E-04	1.58E-03	2.99E-03	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Muskogee County	40101	U	Form														

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

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
Oklahoma	Muskogee County	40101	U	Methylene Chloride	1.57E-01	1.60E-01	1.68E-01	2.11E-01	2.15E-01	2.73E-01	2.77E-01	2.95E-01	5.55E-03	5.98E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Muskogee County	40101	U	Nickel Compounds	1.74E-04	2.99E-04	6.60E-04	1.06E-03	2.18E-03	2.76E-03	4.39E-03	1.19E-02	1.99E-03	1.82E-04	7.92E-06	1.11E-06	0.00E+00
Oklahoma	Muskogee County	40101	U	Perchloroethylene	1.42E-01	1.44E-01	1.46E-01	1.58E-01	1.55E-01	1.63E-01	1.64E-01	1.67E-01	1.93E-06	1.54E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Muskogee County	40101	U	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.95E-04	4.42E-04	4.36E-04	4.73E-04	4.86E-04	4.93E-04	0.00E+00	5.61E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Muskogee County	40101	U	Polycyclic Organic Matter	6.93E-03	9.43E-03	2.10E-02	3.24E-02	4.77E-02	6.46E-02	8.65E-02	1.75E-01	2.88E-02	1.40E-02	4.15E-03	7.17E-04	0.00E+00
Oklahoma	Muskogee County	40101	U	7-PAH	2.87E-04	3.21E-04	3.64E-04	5.77E-04	5.60E-04	7.02E-04	8.04E-04	9.66E-04	8.61E-06	5.15E-04	2.68E-05	1.02E-05	0.00E+00
Oklahoma	Muskogee County	40101	U	Propylene Dichloride	1.64E-06	1.65E-06	3.90E-06	7.62E-06	1.28E-05	1.19E-05	4.59E-05	5.46E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Muskogee County	40101	U	Quinoline	2.46E-09	4.87E-09	1.13E-08	1.32E-08	1.93E-08	2.30E-08	3.68E-08	6.32E-08	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Muskogee County	40101	U	1,1,2,2-Tetrachloroethane	1.21E-05	1.22E-05	2.53E-05	4.36E-05	1.00E-04	8.84E-05	4.04E-04	4.97E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Muskogee County	40101	U	Trichloroethylene	8.24E-02	8.46E-02	8.55E-02	1.03E-01	1.09E-01	1.15E-01	1.35E-01	2.34E-01	8.72E-03	1.98E-02	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Muskogee County	40101	U	Vinyl Chloride	3.05E-05	3.07E-05	6.35E-05	1.08E-04	2.47E-04	2.19E-04	9.96E-04	1.22E-03	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Muskogee County	40103	R	Acetaldehyde	5.54E-02	5.54E-02	6.59E-02	7.67E-02	7.57E-02	8.56E-02	9.41E-02	9.41E-02	4.13E-04	3.08E-02	2.98E-02	1.47E-02	0.00E+00
Oklahoma	Noble County	40103	R	Acrolein	8.78E-03	8.78E-03	9.49E-03	1.12E-02	1.12E-02	1.30E-02	1.38E-02	1.38E-02	1.85E-04	4.19E-03	5.41E-03	1.45E-03	0.00E+00
Oklahoma	Noble County	40103	R	Acrylonitrile	5.10E-05	5.10E-05	5.91E-05	6.83E-05	6.56E-05	7.22E-05	7.50E-05	7.50E-05	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	Arsenic Compounds	1.47E-05	1.47E-05	1.55E-05	1.77E-05	1.87E-05	2.19E-05	2.47E-05	2.47E-05	7.08E-06	1.53E-06	6.18E-06	3.91E-06	0.00E+00
Oklahoma	Noble County	40103	R	Benzene	5.51E-01	5.51E-01	5.61E-01	5.83E-01	5.89E-01	6.17E-01	6.40E-01	6.40E-01	6.77E-03	2.74E-02	5.92E-02	1.59E-02	4.80E-01
Oklahoma	Noble County	40103	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
Oklahoma	Noble County	40103	R	Beryllium Compounds	1.22E-06	1.22E-06	1.29E-06	1.98E-06	2.13E-06	2.98E-06	3.36E-06	3.36E-06	5.96E-07	3.17E-07	0.00E+00	1.22E-06	0.00E+00
Oklahoma	Noble County	40103	R	1,3-Butadiene	3.51E-03	3.51E-03	3.99E-03	5.98E-03	6.57E-03	9.15E-03	1.08E-02	1.08E-02	3.09E-05	1.03E-03	4.26E-03	1.25E-03	0.00E+00
Oklahoma	Noble County	40103	R	Cadmium Compounds	3.85E-06	3.85E-06	4.42E-06	5.19E-06	5.20E-06	5.98E-06	6.57E-06	6.57E-06	3.36E-06	6.28E-07	0.00E+00	1.22E-06	0.00E+00
Oklahoma	Noble County	40103	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.73E-02	4.73E-02	4.74E-02	4.75E-02	4.75E-02	2.72E-05	2.66E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Noble County	40103	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.65E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Noble County	40103	R	Chloroform	8.36E-02	8.36E-02	8.37E-02	8.40E-02	8.40E-02	8.42E-02	8.43E-02	8.43E-02	0.00E+00	9.67E-04	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Noble County	40103	R	Chromium Compounds (includes Hexavalent)	9.72E-05	9.72E-05	1.13E-04	1.48E-04	1.54E-04	1.95E-04	2.22E-04	2.22E-04	1.22E-05	1.37E-04	3.98E-06	4.39E-07	0.00E+00
Oklahoma	Noble County	40103	R	Chromium VI	7.61E-06	7.61E-06	1.17E-05	2.79E-05	2.60E-05	4.02E-05	4.05E-05	4.05E-05	2.92E-06	2.13E-05	1.58E-06	1.49E-07	0.00E+00
Oklahoma	Noble County	40103	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
Oklahoma	Noble County	40103	R	1,4-Dichlorobenzene	1.08E-03	1.08E-03	1.42E-03	2.46E-03	3.38E-03	5.34E-03	7.53E-03	7.53E-03	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	1,3-Dichloropropene	2.06E-03	2.06E-03	2.73E-03	4.83E-03	6.74E-03	1.07E-02	1.52E-02	1.52E-02	0.00E+00	6.74E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	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	3.55E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Noble County	40103	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.96E-07	6.73E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Noble County	40103	R	Ethylene Oxide	2.11E-05	2.11E-05	3.05E-05	1.06E-04	1.05E-04	1.80E-04	1.88E-04	1.88E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	Formaldehyde	3.12E-01	3.12E-01	3.15E-01	3.28E-01	3.33E-01	3.50E-01	3.63E-01	3.63E-01	5.85E-04	2.78E-02	2.96E-02	2.47E-02	2.50E-01
Oklahoma	Noble County	40103	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.36E-05	9.36E-05	0.00E+00	2.77E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Noble County	40103	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	2.77E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Noble County	40103	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	1.06E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	Hydrazine	2.61E-10	2.61E-10	2.65E-10	3.37E-10	4.06E-10	5.48E-10	6.90E-10	6.90E-10	0.00E+00	4.06E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	Lead Compounds	5.36E-04	5.36E-04	6.18E-04	7.70E-04	7.58E-04	8.98E-04	9.55E-04	9.55E-04	1.10E-05	5.58E-04	0.00E+00	1.89E-04	0.00E+00
Oklahoma	Noble County	40103	R	Manganese Compounds	9.47E-05	9.47E-05	1.08E-04	1.71E-04	5.41E-04	9.75E-04	1.73E-03	1.73E-03	5.91E-05	4.80E-04	1.26E-06	4.13E-07	0.00E+00
Oklahoma	Noble County	40103	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.01E-05	1.11E-06	7.07E-06	4.64E-06	1.50E-03
Oklahoma	Noble County	40103	R	Methylene Chloride	1.54E-01	1.54E-01	1.56E-01	1.63E-01	1.65E-01	1.75E-01	1.82E-01	1.82E-01	8.41E-06	1.54E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Noble County	40103	R	Nickel Compounds	8.75E-05	8.75E-05	9.27E-05	1.05E-04	1.14E-04	1.35E-04	1.58E-04	1.58E-04	1.83E-05	9.18E-05	2.99E-06	7.59E-07	0.00E+00
Oklahoma	Noble County	40103	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.45E-01	1.48E-01	1.52E-01	1.52E-01	2.68E-05	5.20E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Noble County	40103	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	3.95E-04	4.03E-04	4.19E-04	4.38E-04	4.38E-04	4.98E-09	2.31E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Noble County	40103	R	Polycyclic Organic Matter	3.96E-03	3.96E-03	4.42E-03	5.76E-03	6.61E-03	8.80E-03	1.10E-02	1.10E-02	9.07E-04	3.71E-03	1.52E-03	4.67E-04	0.00E+00
Oklahoma	Noble County	40103	R	7-PAH	1.91E-04	1.91E-04	1.95E-04	2.51E-04	2.95E-04	3.94E-04	4.86E-04	4.86E-04	1.29E-06	2.77E-04	1.06E-05	5.34E-06	0.00E+00
Oklahoma	Noble County	40103	R	Propylene Dichloride	3.07E-06	3.07E-06	3.17E-06	3.39E-06	3.56E-06	3.95E-06	4.40E-06	4.40E-06	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	Quinoline	5.35E-09	5.35E-09	5.56E-09	8.44E-09	8.65E-09	1.17E-08	1.24E-08	1.24E-08	0.00E+00	8.65E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	1,1,2,2-Tetrachloroethane	2.11E-05	2.11E-05	2.35E-05	2.62E-05	2.77E-05	3.19E-05	3.74E-05	3.74E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Noble County	40103	R	Trichloroethylene	8.14E-02	8.14E-02	8.16E-02	8.28E-02	8.31E-02	8.47E-02	8.56E-02	8.56E-02	0.00E+00	2.14E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Noble County	40103	R	Vinyl Chloride	5.22E-05	5.22E-05	5.83E-05	6.48E-05	6.86E-05	7.88E-05	9.25E-05	9.25E-05	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	R	Acetaldehyde	5.95E-02	5.95E-02	6.44E-02	8.25E-02	8.01E-02	9.58E-02	9.59E-02	9.59E-02	2.55E-04	3.49E-02	3.63E-02	8.68E-03	0.00E+00
Oklahoma	Nowata County	40105	R	Acrolein	1.65E-02	1.65E-02	1.69E-02	2.07E-02	2.05E-02	2.42E-02	2.42E-02	2.42E-02	1.95E-04	1.41E-02	4.88E-03	1.39E-03	0.00E+00
Oklahoma	Nowata County	40105	R	Acrylonitrile	2.50E-05	2.50E-05	3.34E-05	4.28E-05	3.86E-05	4.39E-05	4.39E-05	4.39E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	R	Arsenic Compounds	7.00E-06	7.00E-06	1.50E-05	2.81E-05	2.43E-05	3.37E-05	3.40E-05	3.40E-05	1.73E-05	5.44E-07	4.78E-06	1.68E-06	0.00E+00
Oklahoma	Nowata County	40105	R	Benzene	5.71E-01	5.71E-01	6.03E-01	6.56E-01	6.40E-01	6.77E-01	6.77E-01	6.77E-01	3.96E-03	9.13E-02	4.57E-02	1.88E-02	4.80E-01
Oklahoma	Nowata County	40105	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
Oklahoma	Nowata County	40105	R	Beryllium Compounds	8.78E-07	8.78E-07	1.23E-06	1.90E-06	1.73								

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

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	
Oklahoma	Nowata County	40105	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
Oklahoma	Nowata County	40105	R	1,4-Dichlorobenzene	1.15E-03	1.15E-03	1.43E-03	2.76E-03	2.62E-03	3.80E-03	3.80E-03	3.80E-03	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	R	1,3-Dichloropropene	2.19E-03	2.19E-03	2.78E-03	5.44E-03	5.14E-03	7.50E-03	7.50E-03	7.50E-03	0.00E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	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	2.08E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Nowata County	40105	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.76E-06	3.58E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Nowata County	40105	R	Ethylene Oxide	2.23E-05	2.23E-05	3.07E-05	6.75E-05	6.33E-05	9.59E-05	9.60E-05	9.60E-05	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Nowata County	40105	R	Formaldehyde	3.37E-01	3.37E-01	3.40E-01	3.64E-01	3.63E-01	3.86E-01	3.86E-01	3.86E-01	7.68E-04	7.06E-02	2.84E-02	1.31E-02	2.50E-01	
Oklahoma	Nowata County	40105	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.94E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Nowata County	40105	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	2.03E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Nowata County	40105	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	0.00E+00
Oklahoma	Nowata County	40105	R	Hydrazine	1.63E-10	1.63E-10	1.63E-10	1.65E-10	4.12E-10	6.61E-10	1.15E-09	1.15E-09	0.00E+00	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	R	Lead Compounds	1.97E-04	1.97E-04	1.98E-04	2.67E-04	5.09E-04	8.20E-04	1.30E-03	1.30E-03	2.56E-05	4.69E-04	0.00E+00	1.45E-05	0.00E+00	
Oklahoma	Nowata County	40105	R	Manganese Compounds	1.62E-04	1.62E-04	1.62E-04	2.17E-04	3.43E-04	5.24E-04	7.77E-04	7.77E-04	4.10E-05	3.01E-04	9.10E-07	2.06E-07	0.00E+00	
Oklahoma	Nowata County	40105	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	9.09E-07	1.44E-06	5.44E-06	2.03E-06	0.00E+00	1.50E-03
Oklahoma	Nowata County	40105	R	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.62E-01	1.62E-01	1.68E-01	1.68E-01	1.68E-01	5.58E-05	1.17E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Nowata County	40105	R	Nickel Compounds	3.47E-05	3.47E-05	3.81E-05	7.78E-05	7.61E-05	1.14E-04	1.14E-04	1.14E-04	3.17E-05	4.17E-05	2.29E-06	3.80E-07	0.00E+00	
Oklahoma	Nowata County	40105	R	Perchloroethylene	1.45E-01	1.45E-01	1.46E-01	1.46E-01	1.46E-01	1.47E-01	1.47E-01	1.47E-01	1.73E-06	6.06E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Nowata County	40105	R	Polychlorinated Biphenyls	4.62E-04	4.62E-04	4.62E-04	4.75E-04	4.85E-04	5.09E-04	5.30E-04	5.30E-04	1.56E-09	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Nowata County	40105	R	Polycyclic Organic Matter	4.74E-03	4.74E-03	5.74E-03	7.72E-03	7.23E-03	8.72E-03	8.73E-03	8.73E-03	4.46E-04	6.59E-03	1.15E-03	2.39E-04	0.00E+00	
Oklahoma	Nowata County	40105	R	7-PAH	5.45E-04	5.45E-04	5.58E-04	7.15E-04	7.08E-04	8.57E-04	8.58E-04	8.58E-04	7.11E-07	6.94E-04	7.90E-06	5.65E-06	0.00E+00	
Oklahoma	Nowata County	40105	R	Propylene Dichloride	1.43E-06	1.43E-06	1.78E-06	2.14E-06	2.03E-06	2.29E-06	2.44E-06	2.44E-06	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	R	Quinoline	4.01E-09	4.01E-09	4.38E-09	4.79E-09	6.68E-09	8.98E-09	1.32E-08	1.32E-08	0.00E+00	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	R	1,1,2,2-Tetrachloroethane	1.17E-05	1.17E-05	1.30E-05	1.43E-05	1.50E-05	1.96E-05	1.96E-05	1.96E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Nowata County	40105	R	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.19E-02	8.18E-02	8.22E-02	8.22E-02	8.22E-02	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Nowata County	40105	R	Vinyl Chloride	3.03E-05	3.03E-05	3.29E-05	3.57E-05	3.81E-05	4.33E-05	5.07E-05	5.07E-05	8.33E-07	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okfuskee County	40107	R	Acetaldehyde	5.75E-02	5.75E-02	5.78E-02	7.72E-02	8.03E-02	1.03E-01	1.09E-01	1.09E-01	0.00E+00	3.21E-02	4.54E-02	2.80E-03	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Acrolein	1.79E-02	1.79E-02	1.89E-02	2.22E-02	2.26E-02	2.62E-02	2.80E-02	2.80E-02	0.00E+00	1.65E-02	5.58E-03	5.28E-04	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Acrylonitrile	5.00E-05	5.00E-05	5.11E-05	3.75E-04	6.22E-04	1.19E-03	1.69E-03	1.69E-03	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okfuskee County	40107	R	Arsenic Compounds	3.88E-06	3.88E-06	4.34E-06	6.36E-06	8.01E-06	1.17E-05	1.54E-05	1.54E-05	0.00E+00	3.67E-07	6.86E-06	7.86E-07	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Benzene	5.53E-01	5.53E-01	5.57E-01	5.78E-01	5.94E-01	6.30E-01	6.66E-01	6.66E-01	1.71E-04	4.83E-02	5.89E-02	6.37E-03	4.80E-01	
Oklahoma	Okfuskee County	40107	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
Oklahoma	Okfuskee County	40107	R	Beryllium Compounds	9.58E-08	9.58E-08	1.21E-07	2.17E-07	2.22E-07	3.22E-07	3.56E-07	3.56E-07	0.00E+00	9.88E-08	0.00E+00	1.23E-07	0.00E+00	
Oklahoma	Okfuskee County	40107	R	1,3-Butadiene	5.62E-03	5.62E-03	5.68E-03	6.50E-03	8.63E-03	1.16E-02	1.59E-02	1.59E-02	0.00E+00	4.26E-03	4.07E-03	3.04E-04	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Cadmium Compounds	1.98E-07	1.98E-07	2.26E-07	3.40E-07	3.37E-07	4.49E-07	4.70E-07	4.70E-07	0.00E+00	2.15E-07	0.00E+00	1.22E-07	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.75E-02	4.75E-02	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Okfuskee County	40107	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	2.98E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Okfuskee County	40107	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.35E-02	8.36E-02	8.36E-02	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Okfuskee County	40107	R	Chromium Compounds (includes Hexavalent)	2.28E-06	2.28E-06	3.00E-06	4.16E-06	4.81E-06	6.63E-06	6.66E-06	6.66E-06	2.63E-07	2.54E-07	4.02E-06	9.35E-08	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Chromium VI	9.12E-07	9.12E-07	1.17E-06	1.64E-06	1.92E-06	2.66E-06	3.47E-06	3.47E-06	8.93E-08	1.40E-07	1.66E-06	3.18E-08	0.00E+00	
Oklahoma	Okfuskee County	40107	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
Oklahoma	Okfuskee County	40107	R	1,4-Dichlorobenzene	1.03E-03	1.03E-03	1.17E-03	1.47E-03	1.85E-03	2.54E-03	3.45E-03	3.45E-03	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okfuskee County	40107	R	1,3-Dichloropropene	1.99E-03	1.99E-03	2.25E-03	2.79E-03	3.54E-03	4.82E-03	6.59E-03	6.59E-03	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okfuskee County	40107	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	3.46E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Okfuskee County	40107	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Okfuskee County	40107	R	Ethylene Oxide	1.52E-05	1.52E-05	1.74E-05	7.77E-05	1.40E-04	2.62E-04	3.88E-04	3.88E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okfuskee County	40107	R	Formaldehyde	3.47E-01	3.47E-01	3.48E-01	3.64E-01	3.70E-01	3.93E-01	4.07E-01	4.07E-01	8.89E-06	8.04E-02	3.52E-02	4.81E-03	2.50E-01	
Oklahoma	Okfuskee County	40107	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.43E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Okfuskee County	40107	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	1.70E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Okfuskee County	40107	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	0.00E+00
Oklahoma	Okfuskee County	40107	R	Hydrazine	7.21E-11	7.21E-11	8.24E-11	1.01E-10	1.21E-10	1.60E-10	2.13E-10	2.13E-10	0.00E+00	1.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okfuskee County	40107	R	Lead Compounds	8.12E-05	8.12E-05	8.61E-05	1.02E-04	1.00E-04	1.14E-04	1.15E-04	1.15E-04	9.29E-07	5.25E-05	0.00E+00	4.68E-05	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Manganese Compounds	2.23E-05	2.23E-05	2.65E-05	3.59E-05	4.19E-05	5.73E-05	7.35E-05	7.35E-05	8.69E-07	3.96E-05	1.34E-06	8.26E-08	0.00E+00	
Oklahoma	Okfuskee County	40107	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	0.00E+00	1.37E-05	7.94E-06	8.20E-07	1.50E-03	
Oklahoma	Okfuskee County	40107	R	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.58E-01	1.60E-01	1.66E-01	1.72E-01	1.72E-01	1.24E-06	1.03E-				

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

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
Oklahoma	Oklahoma County	40109	U	Acetaldehyde	2.04E-01	2.65E-01	3.48E-01	4.78E-01	5.70E-01	6.79E-01	1.04E+00	1.25E+00	4.74E-03	2.01E-02	4.90E-01	5.48E-02	0.00E+00
Oklahoma	Oklahoma County	40109	U	Acrolein	2.99E-02	4.26E-02	5.95E-02	7.67E-02	7.67E-02	9.37E-02	1.10E-01	1.29E-01	1.40E-03	6.96E-03	5.96E-02	8.79E-03	0.00E+00
Oklahoma	Oklahoma County	40109	U	Acrylonitrile	1.62E-04	2.90E-04	4.07E-04	5.23E-04	6.63E-04	7.03E-04	9.95E-04	1.59E-03	6.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	Arsenic Compounds	2.37E-05	3.70E-05	5.29E-05	7.27E-05	8.83E-05	1.10E-04	1.60E-04	2.12E-04	8.07E-07	1.55E-05	6.12E-05	1.08E-05	0.00E+00
Oklahoma	Oklahoma County	40109	U	Benzene	8.01E-01	9.49E-01	1.16E+00	1.41E+00	1.55E+00	1.76E+00	2.41E+00	2.96E+00	1.58E-03	1.08E-01	8.53E-01	1.09E-01	4.80E-01
Oklahoma	Oklahoma County	40109	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
Oklahoma	Oklahoma County	40109	U	Beryllium Compounds	9.90E-07	1.51E-06	2.44E-06	3.62E-06	4.70E-06	5.10E-06	8.82E-06	1.13E-05	4.18E-08	4.04E-06	0.00E+00	6.26E-07	0.00E+00
Oklahoma	Oklahoma County	40109	U	1,3-Butadiene	1.68E-02	2.74E-02	4.46E-02	6.61E-02	8.98E-02	1.09E-01	1.93E-01	2.63E-01	3.72E-04	3.92E-04	7.70E-02	1.21E-02	0.00E+00
Oklahoma	Oklahoma County	40109	U	Cadmium Compounds	1.64E-06	2.49E-06	3.93E-06	5.70E-06	7.23E-06	7.93E-06	1.36E-05	1.61E-05	1.03E-07	6.51E-06	0.00E+00	6.24E-07	0.00E+00
Oklahoma	Oklahoma County	40109	U	Carbon Disulfide	4.74E-02	4.79E-02	4.84E-02	4.89E-02	4.97E-02	5.00E-02	5.21E-02	5.42E-02	2.89E-07	2.70E-03	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Oklahoma County	40109	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	3.93E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Oklahoma County	40109	U	Chloroform	9.18E-02	9.58E-02	1.02E-01	1.08E-01	1.08E-01	1.13E-01	1.18E-01	1.23E-01	0.00E+00	2.46E-02	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Oklahoma County	40109	U	Chromium Compounds (includes Hexavalent)	2.16E-04	2.71E-04	3.54E-04	4.87E-04	8.38E-04	6.48E-04	1.42E-03	2.62E-03	7.23E-04	5.73E-05	5.52E-05	1.71E-06	0.00E+00
Oklahoma	Oklahoma County	40109	U	Chromium VI	8.69E-05	1.11E-04	1.46E-04	1.92E-04	3.16E-04	2.67E-04	5.29E-04	9.42E-04	2.45E-04	4.77E-05	2.21E-05	5.82E-07	0.00E+00
Oklahoma	Oklahoma County	40109	U	Coke Oven Emissions	3.62E-10	4.17E-10	5.10E-10	8.12E-10	2.54E-09	1.23E-09	3.70E-09	8.57E-09	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	1,4-Dichlorobenzene	9.74E-03	1.39E-02	2.04E-02	2.55E-02	2.54E-02	3.01E-02	3.79E-02	4.15E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	1,3-Dichloropropene	1.94E-02	2.73E-02	4.06E-02	5.11E-02	5.10E-02	6.04E-02	7.64E-02	8.38E-02	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.69E-07	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Oklahoma County	40109	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	8.88E-08	6.24E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Oklahoma County	40109	U	Ethylene Oxide	2.08E-04	3.81E-04	6.10E-04	1.05E-03	2.10E-03	3.75E-03	6.48E-03	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	Formaldehyde	4.40E-01	5.22E-01	5.98E-01	7.15E-01	7.92E-01	8.96E-01	1.21E+00	1.45E+00	9.31E-03	2.83E-02	4.08E-01	9.61E-02	2.50E-01
Oklahoma	Oklahoma County	40109	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.29E-08	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Oklahoma County	40109	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	2.92E-07	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Oklahoma County	40109	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
Oklahoma	Oklahoma County	40109	U	Hydrazine	4.65E-09	8.18E-09	1.76E-08	3.08E-08	7.58E-08	7.71E-08	1.57E-07	2.44E-07	0.00E+00	7.58E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	Lead Compounds	2.68E-04	4.04E-04	5.78E-04	1.05E-03	1.59E-03	1.64E-03	2.95E-03	4.33E-03	4.65E-06	1.52E-04	0.00E+00	1.43E-03	0.00E+00
Oklahoma	Oklahoma County	40109	U	Manganese Compounds	1.39E-04	2.16E-04	4.50E-04	8.35E-04	1.72E-03	1.59E-03	2.96E-03	4.63E-03	1.30E-03	4.05E-04	1.79E-05	1.23E-06	0.00E+00
Oklahoma	Oklahoma County	40109	U	Mercury Compounds	1.52E-03	1.53E-03	1.55E-03	1.57E-03	1.58E-03	1.60E-03	1.65E-03	1.69E-03	1.84E-07	1.62E-05	5.74E-05	9.01E-06	1.50E-03
Oklahoma	Oklahoma County	40109	U	Methylene Chloride	3.76E-01	4.19E-01	4.89E-01	6.25E-01	9.05E-01	9.05E-01	1.50E+00	2.15E+00	5.99E-01	1.56E-01	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Oklahoma County	40109	U	Nickel Compounds	1.69E-04	2.26E-04	3.06E-04	4.80E-04	6.85E-04	7.00E-04	1.17E-03	1.91E-03	4.00E-04	2.42E-04	4.08E-05	2.15E-06	0.00E+00
Oklahoma	Oklahoma County	40109	U	Perchloroethylene	2.04E-01	2.22E-01	2.53E-01	3.00E-01	3.91E-01	3.56E-01	5.41E-01	7.82E-01	1.58E-01	9.36E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Oklahoma County	40109	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	0.00E+00	2.34E-06	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Oklahoma County	40109	U	Polycyclic Organic Matter	1.82E-02	2.59E-02	3.60E-02	4.60E-02	4.74E-02	5.63E-02	7.18E-02	8.16E-02	1.04E-03	2.32E-02	2.06E-02	2.49E-03	0.00E+00
Oklahoma	Oklahoma County	40109	U	7-PAH	2.45E-04	2.59E-04	2.92E-04	3.64E-04	4.04E-04	4.59E-04	6.28E-04	6.89E-04	8.09E-04	2.56E-04	1.27E-04	2.07E-05	0.00E+00
Oklahoma	Oklahoma County	40109	U	Propylene Dichloride	8.51E-06	1.27E-05	1.73E-05	2.55E-05	3.27E-05	3.74E-05	5.01E-05	7.01E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	Quinoline	3.02E-08	5.78E-08	1.05E-07	1.70E-07	2.80E-07	3.32E-07	5.20E-07	8.38E-07	0.00E+00	2.80E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	1,1,2,2-Tetrachloroethane	6.63E-05	8.70E-05	1.17E-04	1.74E-04	2.42E-04	2.53E-04	3.88E-04	5.73E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Oklahoma County	40109	U	Trichloroethylene	8.83E-02	9.21E-02	9.66E-02	1.04E-01	1.15E-01	1.21E-01	1.43E-01	1.72E-01	1.22E-02	2.22E-02	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Oklahoma County	40109	U	Vinyl Chloride	2.98E-04	4.50E-04	5.78E-04	7.67E-04	1.18E-03	1.08E-03	2.23E-03	3.59E-03	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okmulgee County	40111	U	Acetaldehyde	1.34E-01	1.34E-01	1.54E-01	1.76E-01	1.88E-01	1.87E-01	2.96E-01	2.96E-01	5.40E-05	3.47E-02	1.41E-01	1.18E-02	0.00E+00
Oklahoma	Okmulgee County	40111	U	Acrolein	2.64E-02	2.64E-02	3.30E-02	4.80E-02	4.38E-02	5.04E-02	5.78E-02	5.78E-02	3.36E-05	2.18E-02	1.92E-02	2.74E-03	0.00E+00
Oklahoma	Okmulgee County	40111	U	Acrylonitrile	5.47E-05	5.47E-05	1.29E-04	1.88E-04	5.63E-04	3.64E-04	2.10E-03	2.10E-03	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okmulgee County	40111	U	Arsenic Compounds	1.20E-05	1.20E-05	2.10E-05	2.26E-05	2.23E-05	2.47E-05	3.05E-05	3.05E-05	2.96E-07	1.91E-06	1.65E-05	2.64E-06	0.00E+00
Oklahoma	Okmulgee County	40111	U	Benzene	6.52E-01	6.52E-01	8.02E-01	8.18E-01	8.57E-01	9.05E-01	1.06E+00	1.06E+00	4.92E-04	2.56E-01	1.92E-01	2.89E-02	4.80E-01
Oklahoma	Okmulgee County	40111	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
Oklahoma	Okmulgee County	40111	U	Beryllium Compounds	4.22E-07	4.22E-07	6.49E-07	1.26E-06	1.36E-06	1.89E-06	2.75E-06	2.75E-06	3.18E-08	7.43E-07	0.00E+00	5.82E-07	0.00E+00
Oklahoma	Okmulgee County	40111	U	1,3-Butadiene	4.63E-03	4.63E-03	1.55E-02	2.23E-02	2.00E-02	2.62E-02	3.21E-02	3.21E-02	3.95E-06	6.52E-03	1.20E-02	1.53E-03	0.00E+00
Oklahoma	Okmulgee County	40111	U	Cadmium Compounds	7.63E-07	7.63E-07	1.03E-06	2.85E-06	1.05E-05	4.75E-06	7.39E-05	7.39E-05	8.07E-06	1.90E-06	0.00E+00	5.82E-07	0.00E+00
Oklahoma	Okmulgee County	40111	U	Carbon Disulfide	4.72E-02	4.72E-02	4.75E-02	4.80E-02	4.96E-02	5.29E-02	5.34E-02	5.34E-02	5.26E-08	2.56E-03	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Okmulgee County	40111	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.77E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Okmulgee County	40111	U	Chloroform	8.33E-02	8.33E-02	8.58E-02	8.64E-02	8.58E-02	8.68E-02	8.71E-02	8.71E-02	8.59E-05	2.76E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Okmulgee County	40111	U	Chromium Compounds (includes Hexavalent)	1.50E-05	1.50E-05	1.01E-04	1.07E-04	1.20E-04	1.17E-04	3.10E-04	3.10E-04	2.04E-05	8.71E-05	1.23E-05	4.67E-07	0.00E+00
Oklahoma	Okmulgee County	40111	U	Chromium VI	5.98E-06	5.98E-06	1.23E-05	1.38E-05	2.38E-05	1.69E-05	1.01E-04	1.01E-04	8.10E-07	1.80E-05	4.87E-06	1.59E-07	0.00E+00
Oklahoma	Okmulgee County	40111	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
Oklahoma	Okmulgee County	40111	U	1,4-Dichlorobenzene	3.99E-03	3.99E-03	4.61E-03	1.32E-02	1.24E-02	1.75E-02	2.40E-02	2.40E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okmulgee County	40111	U	1,3-Dichloropropene	7.14E-03	7.14E-03	9.15E-03	2.58E-02	2.44E-02	3.47E-02	4.82E-02	4.82E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	0.00E+00

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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
Oklahoma	Okmulgee County	40111	U	Lead Compounds	2.87E-04	2.87E-04	6.63E-04	1.20E-03	1.08E-03	1.27E-03	1.80E-03	1.80E-03	2.40E-05	4.17E-05	0.00E+00	1.01E-03	0.00E+00
Oklahoma	Okmulgee County	40111	U	Manganese Compounds	6.45E-06	6.45E-06	3.51E-05	1.58E-04	3.43E-04	4.40E-04	1.52E-03	1.52E-03	7.07E-05	2.68E-04	3.81E-06	3.28E-07	0.00E+00
Oklahoma	Okmulgee County	40111	U	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.55E-03	1.55E-03	3.47E-07	9.76E-06	1.74E-05	2.77E-06	1.50E-03
Oklahoma	Okmulgee County	40111	U	Methylene Chloride	1.64E-01	1.64E-01	1.68E-01	1.95E-01	2.06E-01	2.37E-01	2.74E-01	2.74E-01	9.49E-04	5.54E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Okmulgee County	40111	U	Nickel Compounds	2.12E-05	2.12E-05	1.67E-04	2.02E-04	2.08E-04	2.70E-04	4.80E-04	4.80E-04	1.40E-05	1.84E-04	9.21E-06	7.22E-07	0.00E+00
Oklahoma	Okmulgee County	40111	U	Perchloroethylene	1.43E-01	1.43E-01	1.46E-01	1.56E-01	1.54E-01	1.60E-01	1.65E-01	1.65E-01	1.58E-04	1.42E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Okmulgee County	40111	U	Polychlorinated Biphenyls	3.88E-04	3.88E-04	4.09E-04	4.50E-04	4.48E-04	4.74E-04	5.20E-04	5.20E-04	2.56E-10	6.75E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Okmulgee County	40111	U	Polycyclic Organic Matter	9.30E-03	9.30E-03	1.56E-02	2.14E-02	2.32E-02	2.83E-02	4.04E-02	4.04E-02	1.79E-04	1.76E-02	4.74E-03	6.79E-04	0.00E+00
Oklahoma	Okmulgee County	40111	U	7-PAH	4.48E-04	4.48E-04	9.14E-04	1.31E-03	1.24E-03	1.54E-03	2.02E-03	2.02E-03	2.79E-07	1.20E-03	3.07E-05	7.82E-06	0.00E+00
Oklahoma	Okmulgee County	40111	U	Propylene Dichloride	3.20E-06	3.20E-06	7.93E-06	1.10E-05	3.63E-05	2.24E-05	1.35E-04	1.35E-04	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okmulgee County	40111	U	Quinoline	3.10E-08	3.10E-08	7.47E-08	1.54E-07	5.94E-07	1.54E-06	1.54E-06	1.54E-06	0.00E+00	5.94E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okmulgee County	40111	U	1,1,2,2-Tetrachloroethane	2.37E-05	2.37E-05	4.35E-05	6.04E-05	2.70E-04	1.41E-04	1.09E-03	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Okmulgee County	40111	U	Trichloroethylene	8.20E-02	8.20E-02	8.54E-02	8.83E-02	8.76E-02	9.04E-02	9.29E-02	9.29E-02	4.51E-04	6.15E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Okmulgee County	40111	U	Vinyl Chloride	5.93E-05	5.93E-05	1.50E-04	1.52E-04	6.82E-04	3.57E-04	2.74E-03	2.74E-03	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Acetaldehyde	4.91E-02	5.09E-02	5.35E-02	1.32E-01	3.02E-01	4.72E-01	8.53E-01	9.78E-01	1.63E-04	5.89E-02	2.19E-01	2.40E-02	0.00E+00
Oklahoma	Osage County	40113	U	Acrolein	6.53E-03	6.75E-03	1.70E-02	2.45E-02	4.11E-02	6.13E-02	1.00E-01	1.13E-01	3.45E-04	1.42E-02	2.30E-02	3.52E-03	0.00E+00
Oklahoma	Osage County	40113	U	Acrylonitrile	7.97E-06	8.39E-06	2.00E-05	6.52E-05	1.12E-04	1.54E-04	3.33E-04	3.70E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Arsenic Compounds	1.86E-06	2.88E-06	4.50E-06	8.79E-06	2.58E-05	3.12E-05	8.54E-05	1.19E-04	4.53E-06	2.48E-06	1.58E-05	2.99E-06	0.00E+00
Oklahoma	Osage County	40113	U	Benzene	5.12E-01	5.18E-01	5.63E-01	6.08E-01	8.01E-01	8.97E-01	1.46E+00	1.79E+00	1.15E-02	7.67E-02	2.02E-01	3.08E-02	4.80E-01
Oklahoma	Osage County	40113	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
Oklahoma	Osage County	40113	U	Beryllium Compounds	4.74E-08	5.42E-08	1.03E-07	4.27E-07	1.39E-06	1.45E-06	5.11E-06	7.25E-06	6.25E-07	6.30E-07	0.00E+00	1.31E-07	0.00E+00
Oklahoma	Osage County	40113	U	1,3-Butadiene	1.42E-03	2.18E-03	4.90E-03	6.15E-03	1.44E-02	1.23E-02	4.65E-02	7.23E-02	2.52E-04	3.23E-03	9.54E-03	1.37E-03	0.00E+00
Oklahoma	Osage County	40113	U	Cadmium Compounds	2.32E-07	2.72E-07	6.55E-07	7.45E-05	9.22E-05	1.44E-04	2.52E-04	3.29E-04	9.09E-05	1.21E-06	0.00E+00	1.41E-07	0.00E+00
Oklahoma	Osage County	40113	U	Carbon Disulfide	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.75E-02	4.75E-02	4.85E-02	4.91E-02	2.57E-06	4.48E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Osage County	40113	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.47E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Osage County	40113	U	Chloroform	8.31E-02	8.31E-02	8.37E-02	8.46E-02	8.78E-02	9.03E-02	9.84E-02	1.03E-01	2.77E-07	4.83E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Osage County	40113	U	Chromium Compounds (includes Hexavalent)	3.83E-06	4.73E-06	8.11E-06	1.83E-04	4.44E-04	9.16E-04	1.16E-03	1.23E-03	1.36E-04	2.94E-04	1.31E-05	4.28E-07	0.00E+00
Oklahoma	Osage County	40113	U	Chromium VI	1.52E-06	1.87E-06	2.76E-06	3.07E-05	1.25E-04	2.68E-04	3.91E-04	4.40E-04	8.26E-06	1.12E-04	5.25E-06	1.46E-07	0.00E+00
Oklahoma	Osage County	40113	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
Oklahoma	Osage County	40113	U	1,4-Dichlorobenzene	2.86E-04	4.63E-04	1.28E-03	2.18E-03	6.68E-03	8.95E-03	2.15E-02	3.01E-02	0.00E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	1,3-Dichloropropene	5.40E-04	8.91E-04	2.43E-03	4.01E-03	1.29E-02	1.64E-02	4.22E-02	5.99E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	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	7.82E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Osage County	40113	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.08E-05	1.27E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Osage County	40113	U	Ethylene Oxide	4.39E-06	7.63E-06	3.39E-05	1.17E-03	1.72E-03	1.52E-03	6.01E-03	9.90E-03	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Formaldehyde	2.93E-01	2.95E-01	3.32E-01	3.87E-01	4.87E-01	5.95E-01	8.41E-01	9.54E-01	2.97E-04	7.16E-02	1.33E-01	3.22E-02	2.50E-01
Oklahoma	Osage County	40113	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.33E-05	9.32E-05	9.39E-05	9.44E-05	0.00E+00	2.53E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Osage County	40113	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	4.90E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Osage County	40113	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	1.02E-06	4.29E-06	5.33E-06	9.12E-06	1.31E-05	1.68E-05	0.00E+00	5.33E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Hydrazine	2.03E-11	5.86E-11	1.11E-10	6.49E-10	3.70E-09	1.37E-09	1.64E-08	2.93E-08	0.00E+00	3.70E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Lead Compounds	6.76E-06	1.87E-05	4.46E-05	3.97E-04	1.21E-03	2.29E-03	3.43E-03	4.15E-03	2.70E-04	4.26E-05	0.00E+00	8.95E-04	0.00E+00
Oklahoma	Osage County	40113	U	Manganese Compounds	1.75E-06	1.29E-05	4.13E-05	6.97E-04	1.72E-03	3.68E-03	4.47E-03	4.47E-03	9.00E-04	8.10E-04	4.14E-06	4.14E-07	0.00E+00
Oklahoma	Osage County	40113	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.58E-03	1.61E-03	2.40E-06	2.85E-06	1.57E-05	2.61E-06	1.50E-03
Oklahoma	Osage County	40113	U	Methylene Chloride	1.51E-01	1.52E-01	1.55E-01	1.57E-01	1.72E-01	1.80E-01	2.20E-01	2.46E-01	4.60E-03	1.76E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Osage County	40113	U	Nickel Compounds	7.65E-06	7.88E-06	1.65E-05	1.36E-04	6.43E-04	1.28E-03	2.49E-03	1.02E-04	5.29E-04	9.76E-06	2.03E-06	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Perchloroethylene	1.40E-01	1.41E-01	1.42E-01	1.47E-01	1.55E-01	1.68E-01	1.83E-01	1.95E-01	1.99E-03	1.28E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Osage County	40113	U	Polychlorinated Biphenyls	3.82E-04	3.83E-04	3.85E-04	3.91E-04	4.10E-04	4.02E-04	4.88E-04	5.63E-04	1.19E-09	3.02E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Osage County	40113	U	Polycyclic Organic Matter	1.20E-03	1.58E-03	3.73E-03	6.17E-03	1.61E-02	2.11E-02	5.03E-02	6.74E-02	6.38E-03	9.07E-03	4.97E-03	7.18E-04	0.00E+00
Oklahoma	Osage County	40113	U	7-PAH	1.85E-04	1.91E-04	5.51E-04	6.52E-04	7.67E-04	9.42E-04	1.46E-03	1.71E-03	2.80E-06	7.24E-04	3.16E-05	7.85E-06	0.00E+00
Oklahoma	Osage County	40113	U	Propylene Dichloride	4.51E-07	4.66E-07	1.06E-06	3.78E-06	6.19E-06	8.30E-06	1.84E-05	2.19E-05	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Quinoline	4.58E-10	2.17E-09	4.63E-09	1.81E-08	3.74E-08	4.32E-08	1.27E-07	1.76E-07	0.00E+00	3.74E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	1,1,2,2-Tetrachloroethane	3.38E-06	3.58E-06	7.34E-06	3.17E-05	4.62E-05	5.56E-05	1.39E-04	1.93E-04	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Osage County	40113	U	Trichloroethylene	8.11E-02	8.11E-02	8.14E-02	8.49E-02	8.99E-02	1.01E-01	1.07E-01	1.10E-01	4.98E-03	3.97E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Osage County	40113	U	Vinyl Chloride	8.45E-06	8.89E-06	1.83E-05	7.85E-05	1.15E-04	1.40E-04	3.46E-04	4.75E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ottawa County	40115	U	Acetaldehyde	5.72E-02	5.72E-02	7.73E-02	9.52E-02	1.13E-01	1.62E-01	1.87E-01	1.87E-01	3.48E-05	1.32E-02	8.78E-02	1.20E-02	0.00E+00
Oklahoma	Ottawa County	40115	U	Acrolein	1.31E-02	1.31E-02	1.40E-02	1.95E-02	2.09E-02	2.75E-02	3.22E-02	3.22E-02	1.19E-06	6.12E-03	1.26E-02	2.13E-03	0.00E+00
Oklahoma	Ottawa County	40115	U	Acrylonitrile	7.07E-05	7.07E-05	9.56E-05	1.33E-04	1.35E-04	1.48E-04	2.36E-04	2.36E-04	5.01E-05	8.46E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Ottawa																

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	Ottawa County	40115	U	Chloroform	8.39E-02	8.39E-02	8.43E-02	8.60E-02	8.65E-02	8.62E-02	9.22E-02	9.22E-02	5.34E-07	3.52E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Ottawa County	40115	U	Chromium Compounds (includes Hexavalent)	1.62E-05	1.62E-05	2.57E-05	3.80E-05	3.65E-05	4.95E-05	5.27E-05	5.27E-05	1.37E-05	9.83E-06	1.26E-05	4.10E-07	0.00E+00	
Oklahoma	Ottawa County	40115	U	Chromium VI	4.24E-06	4.24E-06	6.38E-06	8.17E-06	9.93E-06	1.47E-05	1.71E-05	1.71E-05	1.56E-06	3.18E-06	5.05E-06	1.40E-07	0.00E+00	
Oklahoma	Ottawa County	40115	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	
Oklahoma	Ottawa County	40115	U	1,4-Dichlorobenzene	2.25E-03	2.25E-03	2.90E-03	7.61E-03	8.97E-03	8.72E-03	2.56E-02	2.56E-02	4.60E-06	8.96E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Ottawa County	40115	U	1,3-Dichloropropene	4.31E-03	4.31E-03	5.59E-03	1.52E-02	1.80E-02	1.75E-02	5.21E-02	5.21E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Ottawa County	40115	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.80E-08	8.03E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Ottawa County	40115	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.70E-06	7.67E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Ottawa County	40115	U	Ethylene Oxide	5.48E-05	5.48E-05	1.03E-04	2.50E-04	5.86E-04	3.26E-04	3.16E-03	3.16E-03	0.00E+00	5.86E-04	0.00E+00	0.00E+00	6.00E-02	
Oklahoma	Ottawa County	40115	U	Formaldehyde	3.25E-01	3.25E-01	3.39E-01	3.56E-01	3.94E-01	4.79E-01	5.05E-01	5.05E-01	7.40E-04	2.71E-02	9.37E-02	2.22E-02	2.50E-01	
Oklahoma	Ottawa County	40115	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	9.37E-05	9.41E-05	9.41E-05	0.00E+00	4.82E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Ottawa County	40115	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	7.43E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Ottawa County	40115	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	
Oklahoma	Ottawa County	40115	U	Hydrazine	8.05E-10	8.05E-10	4.79E-09	8.23E-09	1.38E-08	2.83E-08	2.85E-08	2.85E-08	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Ottawa County	40115	U	Lead Compounds	1.74E-04	1.74E-04	2.77E-04	3.41E-04	5.32E-04	8.13E-04	1.24E-03	1.24E-03	1.85E-05	2.58E-04	0.00E+00	2.56E-04	0.00E+00	
Oklahoma	Ottawa County	40115	U	Manganese Compounds	2.74E-04	2.74E-04	4.51E-04	5.77E-04	5.70E-04	6.13E-04	9.24E-04	9.24E-04	4.82E-05	5.17E-04	4.09E-06	4.00E-07	0.00E+00	
Oklahoma	Ottawa County	40115	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	8.10E-07	3.22E-06	1.94E-05	3.86E-06	1.50E-03	
Oklahoma	Ottawa County	40115	U	Methylene Chloride	1.63E-01	1.63E-01	1.88E-01	2.26E-01	2.45E-01	2.93E-01	3.40E-01	3.40E-01	5.17E-02	4.33E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Ottawa County	40115	U	Nickel Compounds	1.76E-04	1.76E-04	2.12E-04	2.23E-04	2.51E-04	3.04E-04	3.39E-04	3.39E-04	1.11E-05	2.29E-04	9.38E-06	6.78E-07	0.00E+00	
Oklahoma	Ottawa County	40115	U	Perchloroethylene	1.42E-01	1.42E-01	1.45E-01	1.54E-01	1.54E-01	1.59E-01	1.71E-01	1.71E-01	9.23E-05	1.40E-02	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Ottawa County	40115	U	Polychlorinated Biphenyls	3.96E-04	3.96E-04	4.01E-04	4.21E-04	4.32E-04	4.54E-04	5.00E-04	5.00E-04	0.00E+00	5.21E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Ottawa County	40115	U	Polycyclic Organic Matter	7.18E-03	7.18E-03	7.92E-03	1.43E-02	1.65E-02	2.15E-02	3.58E-02	3.58E-02	2.31E-05	1.13E-02	4.70E-03	4.62E-04	0.00E+00	
Oklahoma	Ottawa County	40115	U	7-PAH	4.03E-04	4.03E-04	5.04E-04	6.11E-04	6.81E-04	8.51E-04	1.19E-03	1.19E-03	5.04E-09	6.42E-04	3.16E-05	6.93E-06	0.00E+00	
Oklahoma	Ottawa County	40115	U	Propylene Dichloride	3.76E-06	3.76E-06	5.64E-06	7.57E-06	7.12E-06	8.29E-06	1.05E-05	1.05E-05	3.03E-06	4.08E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Ottawa County	40115	U	Quinoline	1.99E-08	1.99E-08	5.48E-08	6.13E-08	7.21E-08	1.11E-07	1.14E-07	1.14E-07	0.00E+00	7.21E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Ottawa County	40115	U	1,1,2,2-Tetrachloroethane	3.06E-05	3.06E-05	4.43E-05	5.03E-05	4.81E-05	5.37E-05	6.33E-05	6.33E-05	2.78E-05	2.03E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Ottawa County	40115	U	Trichloroethylene	8.17E-02	8.17E-02	8.20E-02	8.38E-02	8.51E-02	8.52E-02	9.51E-02	9.51E-02	5.38E-05	4.00E-03	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Ottawa County	40115	U	Vinyl Chloride	8.40E-05	8.40E-05	1.15E-04	1.32E-04	1.25E-04	1.40E-04	1.61E-04	1.61E-04	6.84E-05	5.70E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pawnee County	40117	R	Acetaldehyde	4.58E-02	4.58E-02	4.60E-02	8.99E-02	1.01E-01	1.11E-01	2.13E-01	2.13E-01	1.60E-05	2.73E-02	6.42E-02	9.71E-03	0.00E+00	
Oklahoma	Pawnee County	40117	R	Acrolein	1.33E-02	1.33E-02	1.33E-02	1.93E-02	2.21E-02	2.90E-02	3.55E-02	3.55E-02	6.54E-05	1.30E-02	7.40E-03	1.65E-03	0.00E+00	
Oklahoma	Pawnee County	40117	R	Acrylonitrile	3.40E-05	3.40E-05	4.21E-05	4.62E-05	4.61E-05	5.23E-05	5.59E-05	5.59E-05	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pawnee County	40117	R	Arsenic Compounds	7.75E-06	7.75E-06	1.01E-05	1.37E-05	1.19E-05	1.39E-05	1.43E-05	1.43E-05	1.80E-06	9.20E-07	7.53E-06	1.69E-06	0.00E+00	
Oklahoma	Pawnee County	40117	R	Benzene	6.16E-01	6.16E-01	6.90E-01	6.92E-01	6.90E-01	7.12E-01	7.42E-01	7.42E-01	7.23E-03	1.05E-01	7.28E-02	2.50E-02	4.80E-01	
Oklahoma	Pawnee County	40117	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	
Oklahoma	Pawnee County	40117	R	Beryllium Compounds	4.12E-07	4.12E-07	4.80E-07	6.15E-07	1.03E-06	1.83E-06	1.83E-06	1.83E-06	1.45E-07	2.39E-07	0.00E+00	6.43E-07	0.00E+00	
Oklahoma	Pawnee County	40117	R	1,3-Butadiene	6.98E-03	6.98E-03	9.42E-03	9.44E-03	9.86E-03	1.13E-02	1.22E-02	1.22E-02	1.02E-05	3.82E-03	4.58E-03	1.45E-03	0.00E+00	
Oklahoma	Pawnee County	40117	R	Cadmium Compounds	3.18E-06	3.18E-06	3.30E-06	2.36E-05	2.49E-05	3.30E-05	6.16E-05	6.16E-05	2.39E-05	4.40E-07	0.00E+00	6.42E-07	0.00E+00	
Oklahoma	Pawnee County	40117	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.73E-02	4.74E-02	4.74E-02	4.74E-02	4.47E-06	2.93E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Pawnee County	40117	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	5.21E-05	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Pawnee County	40117	R	Chloroform	8.37E-02	8.37E-02	8.38E-02	8.38E-02	8.41E-02	8.42E-02	8.50E-02	8.50E-02	0.00E+00	1.10E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Pawnee County	40117	R	Chromium Compounds (includes Hexavalent)	1.03E-05	1.03E-05	1.08E-05	3.63E-05	6.39E-05	6.20E-05	2.00E-04	2.00E-04	3.05E-05	2.81E-05	4.91E-06	3.88E-07	0.00E+00	
Oklahoma	Pawnee County	40117	R	Chromium VI	3.35E-06	3.35E-06	3.45E-06	5.09E-06	1.24E-05	1.07E-05	3.96E-05	3.96E-05	1.51E-06	8.85E-06	1.95E-06	1.32E-07	0.00E+00	
Oklahoma	Pawnee County	40117	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	
Oklahoma	Pawnee County	40117	R	1,4-Dichlorobenzene	1.90E-03	1.90E-03	4.04E-03	4.05E-03	3.91E-03	4.54E-03	4.99E-03	4.99E-03	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pawnee County	40117	R	1,3-Dichloropropene	3.64E-03	3.64E-03	8.13E-03	8.15E-03	7.67E-03	8.58E-03	9.88E-03	9.88E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pawnee County	40117	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	3.66E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Pawnee County	40117	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-06	4.35E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Pawnee County	40117	R	Ethylene Oxide	2.06E-04	2.06E-04	2.06E-04	4.98E-04	6.92E-04	7.87E-04	1.76E-03	1.76E-03	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pawnee County	40117	R	Formaldehyde	3.27E-01	3.27E-01	3.27E-01	3.54E-01	3.74E-01	4.02E-01	4.63E-01	4.63E-01	1.01E-04	5.86E-02	5.00E-02	1.58E-02	2.50E-01	
Oklahoma	Pawnee County	40117	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.33E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	3.31E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Pawnee County	40117	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	3.05E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Pawnee County	40117	R	Hexamethylene Diisocyanate	2.66E-06	2.66E-06	9.57E-06	1.07E-05	1.70E-05	1.17E-05	5.02E-05	5.02E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pawnee County	40117	R	Hydrazine	1.82E-10	1.82E-10	3.60E-10	6.81E-09	6.99E-09	1.38E-08	1.40E-08	1.40E-08	0.00E+00	6.99E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pawnee County	40117	R	Lead Compounds	1.66E-04	1.66E-04	2.47E-04	2.48E-04	2.93E-04	2.62E-04	5.44E-04	5.44E-04	7.08E-05	1.13E-04	0.00E+00	1.09E-04	0.00E+00	
Oklahoma	Pawnee County	40117	R	Manganese Compounds	2.94E-05	2.94E-05	3.02E-05	3.19E-04	3.40E-04	4.54E-04	8.70E-04	8.70E-04	2.08E-04	1.31E-04	1.51E-06	2.35E-07	0.00E+00	
Oklahoma	Pawnee County	40117	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	2.04E-06	1.22E-06	8.56E-06			

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

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
Oklahoma	Pawnee County	40117	R	1,1,2,2-Tetrachloroethane	1.03E-05	1.03E-05	1.25E-05	1.48E-05	1.57E-05	1.56E-05	2.51E-05	2.51E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pawnee County	40117	R	Trichloroethylene	8.14E-02	8.14E-02	8.26E-02	8.26E-02	8.29E-02	8.27E-02	8.51E-02	8.51E-02	4.92E-04	1.39E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Pawnee County	40117	R	Vinyl Chloride	2.67E-05	2.67E-05	3.23E-05	3.73E-05	3.94E-05	3.86E-05	6.22E-05	6.22E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	Acetaldehyde	5.53E-02	6.75E-02	7.09E-02	1.37E-01	1.36E-01	1.99E-01	2.17E-01	2.21E-01	6.01E-05	2.88E-02	9.00E-02	1.74E-02	0.00E+00
Oklahoma	Payne County	40119	U	Acrolein	1.28E-02	1.37E-02	1.51E-02	2.72E-02	2.68E-02	3.77E-02	4.16E-02	4.17E-02	5.43E-06	1.07E-02	1.38E-02	2.29E-03	0.00E+00
Oklahoma	Payne County	40119	U	Acrylonitrile	2.81E-05	2.97E-05	9.78E-05	3.24E-04	2.84E-04	3.68E-04	5.48E-04	5.53E-04	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	Arsenic Compounds	9.29E-06	1.03E-05	1.80E-05	4.21E-05	4.14E-05	6.78E-05	7.14E-05	8.01E-05	8.19E-06	6.12E-06	2.05E-05	6.58E-06	0.00E+00
Oklahoma	Payne County	40119	U	Benzene	5.73E-01	6.25E-01	7.88E-01	9.47E-01	9.69E-01	1.23E+00	1.26E+00	1.39E+00	5.70E-02	1.33E-01	2.50E-01	4.93E-02	4.80E-01
Oklahoma	Payne County	40119	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
Oklahoma	Payne County	40119	U	Beryllium Compounds	2.59E-07	2.62E-07	6.16E-07	1.53E-06	2.18E-06	4.32E-06	4.53E-06	5.52E-06	4.28E-07	1.68E-06	0.00E+00	7.32E-08	0.00E+00
Oklahoma	Payne County	40119	U	1,3-Butadiene	4.62E-03	7.31E-03	1.09E-02	3.39E-02	3.52E-02	5.99E-02	6.98E-02	7.63E-02	0.00E+00	2.87E-03	2.68E-02	5.56E-03	0.00E+00
Oklahoma	Payne County	40119	U	Cadmium Compounds	5.99E-07	6.06E-07	1.32E-06	3.11E-06	3.69E-06	6.64E-06	7.05E-06	8.18E-06	1.06E-06	2.56E-06	0.00E+00	7.25E-08	0.00E+00
Oklahoma	Payne County	40119	U	Carbon Disulfide	4.71E-02	4.72E-02	4.73E-02	4.79E-02	4.81E-02	4.87E-02	4.96E-02	5.03E-02	3.04E-06	1.08E-03	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Payne County	40119	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	0.00E+00	2.06E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Payne County	40119	U	Chloroform	8.41E-02	8.51E-02	8.67E-02	9.57E-02	9.80E-02	1.10E-01	1.14E-01	1.21E-01	0.00E+00	1.50E-02	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Payne County	40119	U	Chromium Compounds (includes Hexavalent)	5.16E-06	5.98E-06	1.00E-05	2.50E-05	2.54E-05	4.17E-05	4.54E-05	5.18E-05	4.84E-06	4.20E-06	1.56E-05	7.08E-07	0.00E+00
Oklahoma	Payne County	40119	U	Chromium VI	1.51E-06	2.46E-06	2.74E-06	8.51E-06	9.41E-06	1.63E-05	1.77E-05	2.07E-05	6.44E-07	2.32E-06	6.21E-06	2.41E-07	0.00E+00
Oklahoma	Payne County	40119	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
Oklahoma	Payne County	40119	U	1,4-Dichlorobenzene	1.48E-03	2.52E-03	4.43E-03	1.46E-02	1.70E-02	3.11E-02	3.32E-02	4.47E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	1,3-Dichloropropene	2.88E-03	4.94E-03	8.95E-03	2.96E-02	3.46E-02	6.33E-02	6.77E-02	9.14E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	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	2.00E-07	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Payne County	40119	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	9.36E-07	3.04E-05	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Payne County	40119	U	Ethylene Oxide	2.89E-05	5.76E-05	9.18E-05	1.67E-04	6.09E-04	4.53E-04	3.00E-03	3.00E-03	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	Formaldehyde	3.17E-01	3.29E-01	3.42E-01	4.38E-01	4.42E-01	5.49E-01	5.66E-01	5.93E-01	2.95E-04	4.63E-02	1.11E-01	3.42E-02	2.50E-01
Oklahoma	Payne County	40119	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.32E-05	9.36E-05	9.35E-05	9.38E-05	9.38E-05	9.38E-05	0.00E+00	5.12E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Payne County	40119	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	1.23E-07	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Payne County	40119	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	1.96E-06	1.56E-06	2.26E-06	2.97E-06	4.26E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	Hydrazine	2.72E-10	1.17E-09	9.28E-09	2.45E-08	3.15E-08	3.44E-08	9.83E-08	1.24E-07	0.00E+00	3.15E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	Lead Compounds	2.16E-04	2.49E-04	8.62E-04	3.68E-03	4.19E-03	4.79E-03	1.26E-02	1.56E-02	4.57E-06	2.99E-03	0.00E+00	1.20E-03	0.00E+00
Oklahoma	Payne County	40119	U	Manganese Compounds	5.73E-06	6.42E-06	5.67E-05	1.34E-04	1.51E-04	1.61E-04	1.78E-04	8.27E-04	4.14E-05	1.04E-04	5.06E-06	6.52E-07	0.00E+00
Oklahoma	Payne County	40119	U	Mercury Compounds	1.52E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.59E-03	1.60E-03	1.10E-05	2.18E-05	2.14E-05	5.28E-06	1.50E-03
Oklahoma	Payne County	40119	U	Methylene Chloride	1.55E-01	1.59E-01	1.65E-01	1.98E-01	2.31E-01	3.21E-01	3.29E-01	3.65E-01	6.37E-06	8.08E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Payne County	40119	U	Nickel Compounds	7.53E-06	1.26E-05	1.73E-05	8.03E-05	7.81E-05	1.30E-04	1.43E-04	1.92E-04	1.47E-06	6.38E-05	1.17E-05	1.10E-06	0.00E+00
Oklahoma	Payne County	40119	U	Perchloroethylene	1.41E-01	1.45E-01	1.50E-01	1.56E-01	1.56E-01	1.64E-01	1.68E-01	1.72E-01	9.45E-07	1.62E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Payne County	40119	U	Polychlorinated Biphenyls	3.89E-04	3.90E-04	4.01E-04	4.40E-04	4.30E-04	4.54E-04	4.60E-04	4.68E-04	0.00E+00	4.88E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Payne County	40119	U	Polycyclic Organic Matter	4.22E-03	6.49E-03	9.73E-03	2.33E-02	2.61E-02	4.58E-02	4.90E-02	5.39E-02	4.17E-07	1.89E-02	6.12E-03	1.05E-03	0.00E+00
Oklahoma	Payne County	40119	U	7-PAH	3.54E-04	3.70E-04	4.85E-04	7.96E-04	6.90E-04	8.62E-04	9.10E-04	9.39E-04	8.51E-09	6.40E-04	3.92E-05	1.08E-05	0.00E+00
Oklahoma	Payne County	40119	U	Propylene Dichloride	1.45E-06	1.69E-06	5.75E-06	1.81E-05	1.57E-05	2.21E-05	2.82E-05	3.28E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	Quinoline	4.38E-09	1.50E-08	3.13E-08	8.99E-08	1.02E-07	1.22E-07	2.88E-07	3.38E-07	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	1,1,2,2-Tetrachloroethane	6.81E-06	1.10E-05	4.90E-05	1.30E-04	1.18E-04	1.75E-04	1.98E-04	2.79E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Payne County	40119	U	Trichloroethylene	8.14E-02	8.19E-02	8.26E-02	8.71E-02	8.95E-02	9.71E-02	9.95E-02	1.08E-01	0.00E+00	8.48E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Payne County	40119	U	Vinyl Chloride	1.78E-05	2.81E-05	1.21E-04	3.24E-04	2.93E-04	4.41E-04	4.88E-04	6.90E-04	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Acetaldehyde	5.24E-02	5.56E-02	5.64E-02	7.34E-02	9.47E-02	1.02E-01	1.72E-01	2.20E-01	0.00E+00	2.98E-02	5.05E-02	1.43E-02	0.00E+00
Oklahoma	Pittsburg County	40121	R	Acrolein	1.00E-02	1.03E-02	1.13E-02	1.14E-02	1.62E-02	2.39E-02	2.70E-02	2.79E-02	0.00E+00	6.84E-03	7.22E-03	2.13E-03	0.00E+00
Oklahoma	Pittsburg County	40121	R	Acrylonitrile	7.60E-06	1.07E-05	1.25E-05	3.07E-05	1.05E-04	1.59E-04	2.78E-04	3.82E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Arsenic Compounds	2.46E-06	3.08E-06	4.77E-06	5.95E-06	1.18E-05	2.17E-05	2.88E-05	3.10E-05	0.00E+00	1.73E-06	7.94E-06	2.18E-06	0.00E+00
Oklahoma	Pittsburg County	40121	R	Benzene	5.33E-01	5.43E-01	5.56E-01	5.80E-01	6.54E-01	7.89E-01	8.80E-01	9.18E-01	5.19E-05	4.77E-02	9.45E-02	3.21E-02	4.80E-01
Oklahoma	Pittsburg County	40121	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
Oklahoma	Pittsburg County	40121	R	Beryllium Compounds	8.34E-08	1.41E-07	3.30E-07	4.99E-07	1.54E-06	2.23E-06	4.29E-06	4.49E-06	0.00E+00	4.76E-07	0.00E+00	1.06E-06	0.00E+00
Oklahoma	Pittsburg County	40121	R	1,3-Butadiene	2.55E-03	3.11E-03	3.76E-03	5.29E-03	1.14E-02	2.07E-02	2.87E-02	3.91E-02	0.00E+00	1.10E-03	8.02E-03	2.08E-03	0.00E+00
Oklahoma	Pittsburg County	40121	R	Cadmium Compounds	1.49E-07	2.03E-07	4.34E-07	6.81E-07	2.36E-06	4.92E-06	5.30E-06	7.12E-06	0.00E+00	1.31E-06	0.00E+00	1.06E-06	0.00E+00
Oklahoma	Pittsburg County	40121	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.74E-02	4.78E-02	4.81E-02	4.84E-02	0.00E+00	4.00E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Pittsburg County	40121	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	1.04E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Pittsburg County	40121	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.37E-02	8.44E-02	8.48E-02	8.54E-02	0.00E+00	6.68E-04	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Pittsburg County	40121	R	Chromium Compounds (includes Hexavalent)	1.77E-06	2.09E-06	4.44E-06	7.48E-06	1.38E-05	1.67E-05	2.36E-05	6.00E-05	6.07E-06	1.17E-06	6.00E-06	5.69E-07	0.00E+00
Oklahoma	Pittsburg County	40121	R	Chromium VI	7.06E-07	8.00E-07	1.73E-06	2.80E-06	5.29E-06	6.88E-06	9.57E-06	2.06E-06	2.06E-06	6.52E-07	2.38E-06	1.93E-07	0.00E+00
Oklahoma	Pittsburg County	40121	R	Coke Oven Emissions													

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	Pittsburg County	40121	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	6.25E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Pittsburg County	40121	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	0.00E+00
Oklahoma	Pittsburg County	40121	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-12	1.12E-16	8.87E-12	1.41E-11	0.00E+00	1.78E-12	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Lead Compounds	3.31E-05	7.39E-05	3.43E-03	7.46E-03	2.28E-02	1.21E-02	1.73E-02	2.09E-01	2.23E-02	8.70E-05	0.00E+00	3.41E-04	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Manganese Compounds	7.91E-07	9.28E-07	1.26E-06	2.00E-06	5.21E-06	1.03E-05	1.30E-05	1.45E-05	0.00E+00	2.98E-06	1.91E-06	3.20E-07	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.55E-03	0.00E+00	8.57E-06	8.34E-06	2.89E-06	1.50E-03	0.00E+00
Oklahoma	Pittsburg County	40121	R	Methylene Chloride	1.53E-01	1.54E-01	1.54E-01	1.58E-01	1.82E-01	2.20E-01	2.29E-01	2.57E-01	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Oklahoma	Pittsburg County	40121	R	Nickel Compounds	2.99E-06	3.09E-06	3.70E-06	6.42E-06	2.47E-05	5.42E-05	6.88E-05	8.04E-05	0.00E+00	1.95E-05	4.59E-06	6.52E-07	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.46E-01	1.48E-01	1.48E-01	1.55E-01	1.60E-01	1.65E-01	4.07E-05	8.33E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Pittsburg County	40121	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.88E-04	3.92E-04	4.25E-04	4.66E-04	4.94E-04	5.35E-04	0.00E+00	4.48E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Oklahoma	Pittsburg County	40121	R	Polycyclic Organic Matter	2.39E-03	2.40E-03	3.07E-03	4.32E-03	1.04E-02	2.05E-02	2.64E-02	2.89E-02	1.22E-05	7.58E-03	2.33E-03	5.02E-04	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	7-PAH	2.53E-04	2.57E-04	2.67E-04	3.02E-04	4.60E-04	7.16E-04	7.91E-04	1.06E-04	0.00E+00	4.35E-04	1.50E-05	9.99E-06	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Propylene Dichloride	3.85E-07	5.40E-07	6.42E-07	1.54E-06	5.26E-06	6.54E-06	1.42E-05	1.92E-05	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-11	4.40E-15	3.38E-10	7.44E-10	0.00E+00	8.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	1,1,2,2-Tetrachloroethane	2.76E-06	3.95E-06	4.90E-06	1.14E-05	3.88E-05	5.04E-05	1.07E-04	1.42E-04	0.00E+00	3.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pittsburg County	40121	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.15E-02	8.38E-02	8.62E-02	8.91E-02	9.21E-02	0.00E+00	2.78E-03	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Oklahoma	Pittsburg County	40121	R	Vinyl Chloride	6.82E-06	9.76E-06	1.21E-05	2.81E-05	9.58E-05	1.24E-04	2.65E-04	3.51E-04	0.00E+00	9.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Acetaldehyde	4.91E-02	5.25E-02	5.83E-02	7.15E-02	8.97E-02	1.22E-01	1.48E-01	1.55E-01	2.25E-06	2.27E-02	5.56E-02	1.14E-02	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Acrolein	1.28E-02	1.45E-02	1.64E-02	2.07E-02	2.47E-02	3.34E-02	4.02E-02	4.42E-02	7.76E-06	1.56E-02	7.90E-03	1.21E-03	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Acrylonitrile	2.04E-05	2.19E-05	2.40E-05	1.03E-04	1.42E-04	2.35E-04	3.71E-04	4.99E-04	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Arsenic Compounds	4.07E-06	4.23E-06	4.73E-06	8.57E-06	2.04E-05	3.25E-05	5.09E-05	6.41E-05	4.85E-08	4.85E-06	1.08E-05	4.75E-06	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Benzene	5.39E-01	5.44E-01	5.71E-01	5.98E-01	7.12E-01	8.55E-01	1.01E+00	1.08E+00	3.70E-04	7.09E-02	1.40E-01	2.05E-02	4.80E-01	0.00E+00
Oklahoma	Pontotoc County	40123	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
Oklahoma	Pontotoc County	40123	R	Beryllium Compounds	8.43E-08	1.17E-07	2.39E-07	5.74E-07	1.67E-06	2.58E-06	4.89E-06	6.60E-06	9.12E-09	1.25E-06	0.00E+00	4.14E-07	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	1,3-Butadiene	3.63E-03	4.81E-03	7.57E-03	9.05E-03	2.13E-02	3.59E-02	5.17E-02	5.90E-02	1.32E-06	4.19E-03	1.48E-02	2.28E-03	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Cadmium Compounds	3.01E-07	3.55E-07	4.46E-07	8.81E-07	2.61E-06	4.37E-06	7.18E-06	9.48E-06	2.76E-07	1.92E-06	0.00E+00	4.14E-07	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.76E-02	4.80E-02	4.87E-02	4.92E-02	1.39E-08	6.20E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Oklahoma	Pontotoc County	40123	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	1.06E-04	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Oklahoma	Pontotoc County	40123	R	Chloroform	8.34E-02	8.35E-02	8.39E-02	8.62E-02	8.98E-02	9.65E-02	1.01E-01	1.03E-01	0.00E+00	6.81E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Oklahoma	Pontotoc County	40123	R	Chromium Compounds (includes Hexavalent)	2.27E-06	2.42E-06	2.78E-06	5.28E-06	1.24E-05	2.10E-05	3.02E-05	3.78E-05	2.18E-07	3.28E-06	8.49E-06	3.64E-07	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Chromium VI	8.98E-07	9.65E-07	1.12E-06	2.19E-06	5.32E-06	9.11E-06	1.32E-05	1.70E-05	7.18E-08	1.82E-06	3.30E-06	1.24E-07	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	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
Oklahoma	Pontotoc County	40123	R	1,4-Dichlorobenzene	1.06E-03	1.11E-03	1.42E-03	4.54E-03	1.22E-02	2.29E-02	3.24E-02	3.64E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	1,3-Dichloropropene	2.04E-03	2.16E-03	2.75E-03	9.12E-03	2.47E-02	4.67E-02	6.60E-02	7.42E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	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	1.21E-07	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Oklahoma	Pontotoc County	40123	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	0.00E+00	1.53E-05	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Oklahoma	Pontotoc County	40123	R	Ethylene Oxide	3.54E-05	4.26E-05	7.09E-05	4.04E-04	9.44E-04	1.28E-03	2.99E-03	3.48E-03	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Formaldehyde	3.20E-01	3.29E-01	3.46E-01	3.84E-01	4.15E-01	5.01E-01	5.41E-01	5.68E-01	1.39E-02	6.38E-02	6.40E-02	2.31E-02	2.50E-01	0.00E+00
Oklahoma	Pontotoc County	40123	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.36E-05	9.42E-05	9.46E-05	9.49E-05	0.00E+00	6.46E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Oklahoma	Pontotoc County	40123	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	6.22E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Oklahoma	Pontotoc County	40123	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	0.00E+00
Oklahoma	Pontotoc County	40123	R	Hydrazine	2.27E-11	6.72E-11	1.23E-10	1.44E-09	2.85E-08	4.42E-08	1.16E-07	1.86E-07	0.00E+00	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Lead Compounds	1.33E-05	4.13E-05	7.62E-05	1.97E-04	4.78E-04	6.31E-04	1.43E-03	1.81E-03	1.92E-07	2.65E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Manganese Compounds	2.00E-06	3.12E-06	2.08E-05	3.79E-05	3.73E-05	5.23E-05	6.77E-05	7.85E-05	1.22E-06	3.28E-05	2.83E-06	4.40E-07	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.55E-03	1.55E-03	9.80E-08	3.90E-06	1.12E-05	4.31E-06	1.50E-03	0.00E+00
Oklahoma	Pontotoc County	40123	R	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.68E-01	2.10E-01	2.54E-01	3.26E-01	3.91E-01	1.56E-07	6.02E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Oklahoma	Pontotoc County	40123	R	Nickel Compounds	5.70E-06	6.43E-06	8.94E-06	3.05E-05	8.79E-05	1.39E-04	2.66E-04	3.71E-04	3.19E-07	8.05E-05	6.38E-06	7.46E-07	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Perchloroethylene	1.41E-01	1.42E-01	1.43E-01	1.56E-01	1.64E-01	1.81E-01	1.95E-01	2.02E-01	7.19E-06	2.38E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Oklahoma	Pontotoc County	40123	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.89E-04	4.13E-04	4.58E-04	5.24E-04	5.79E-04	6.09E-04	1.45E-10	7.83E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Oklahoma	Pontotoc County	40123	R	Polycyclic Organic Matter	4.19E-03	4.34E-03	5.07E-03	1.65E-02	2.24E-02	4.46E-02	4.54E-02	4.61E-02	7.57E-03	1.10E-02	3.40E-03	4.52E-04	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	7-PAH	3.63E-04	4.15E-04	5.70E-04	7.35E-04	9.34E-04	1.39E-03	1.66E-03	1.79E-03	3.53E-08	9.09E-04	2.08E-05	4.15E-06	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Propylene Dichloride	1.16E-06	1.19E-06	1.31E-06	5.90E-06	8.01E-06	1.20E-05	2.20E-05	2.86E-05	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontotoc County	40123	R	Quinoline	5.26E-10	1.68E-09	2.88E-09	8.62E-09	7.86E-08	1.26E-07	3.05E-07	4.80E-07	0.00E+00	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pontot																	

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

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
Oklahoma	Pottawatomie County	40125	U	Cadmium Compounds	2.13E-07	2.34E-07	4.60E-07	1.45E-06	1.50E-06	2.48E-06	2.78E-06	4.12E-06	6.47E-08	1.35E-06	0.00E+00	8.62E-08	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.78E-02	4.84E-02	4.96E-02	4.97E-02	2.14E-08	7.59E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Pottawatomie County	40125	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	1.97E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Pottawatomie County	40125	U	Chloroform	8.38E-02	8.38E-02	8.44E-02	8.92E-02	9.03E-02	9.64E-02	9.81E-02	1.01E-01	0.00E+00	7.34E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Pottawatomie County	40125	U	Chromium Compounds (includes Hexavalent)	6.96E-06	8.25E-06	3.12E-05	6.86E-05	4.68E-04	2.21E-04	1.04E-03	4.84E-03	4.60E-04	2.18E-06	5.46E-06	2.21E-07	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Chromium VI	2.45E-06	2.99E-06	1.08E-05	2.45E-05	1.60E-04	7.68E-05	3.56E-04	1.65E-03	1.57E-04	1.22E-06	2.18E-06	7.52E-08	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Coke Oven Emissions	0.00E+00	0.00E+00	3.82E-11	6.06E-11	5.41E-11	6.75E-11	7.64E-11	1.52E-10	5.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	U	1,4-Dichlorobenzene	1.25E-03	1.32E-03	1.96E-03	7.89E-03	8.96E-03	1.67E-02	1.86E-02	1.97E-02	0.00E+00	8.96E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	U	1,3-Dichloropropene	2.39E-03	2.53E-03	3.85E-03	1.58E-02	1.81E-02	3.40E-02	3.80E-02	3.99E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	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	8.17E-09	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Pottawatomie County	40125	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.44E-09	2.46E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Pottawatomie County	40125	U	Ethylene Oxide	1.53E-05	2.39E-05	3.88E-05	1.71E-04	2.76E-04	3.90E-04	6.03E-04	1.36E-03	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Formaldehyde	3.09E-01	3.20E-01	3.23E-01	3.43E-01	3.44E-01	3.55E-01	3.69E-01	4.16E-01	2.90E-03	3.27E-02	4.59E-02	1.28E-02	2.50E-01
Oklahoma	Pottawatomie County	40125	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.35E-05	9.39E-05	9.40E-05	9.40E-05	0.00E+00	4.54E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Pottawatomie County	40125	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	1.20E-07	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Pottawatomie County	40125	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
Oklahoma	Pottawatomie County	40125	U	Hydrazine	2.61E-11	2.96E-11	3.52E-11	4.01E-11	5.90E-11	5.56E-11	1.23E-10	2.54E-10	0.00E+00	5.90E-11	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Lead Compounds	7.05E-05	7.97E-05	1.69E-04	3.26E-04	1.15E-03	7.37E-04	1.07E-03	1.20E-02	7.43E-04	1.10E-04	0.00E+00	2.93E-04	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Manganese Compounds	4.37E-05	5.86E-05	1.23E-04	2.28E-04	8.70E-04	4.34E-04	7.28E-04	9.52E-03	7.40E-04	1.28E-04	1.71E-06	2.21E-07	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	3.23E-08	5.18E-06	8.37E-06	1.92E-06	1.50E-03
Oklahoma	Pottawatomie County	40125	U	Methylene Chloride	1.55E-01	1.57E-01	1.74E-01	2.26E-01	2.25E-01	2.66E-01	3.02E-01	3.30E-01	2.10E-02	5.42E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Pottawatomie County	40125	U	Nickel Compounds	1.78E-05	1.88E-05	4.34E-05	1.89E-04	5.53E-04	4.53E-04	1.29E-03	4.77E-03	4.36E-04	1.13E-04	4.02E-06	3.66E-07	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Perchloroethylene	1.42E-01	1.43E-01	1.48E-01	1.56E-01	1.55E-01	1.60E-01	1.67E-01	1.68E-01	4.24E-03	1.06E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Pottawatomie County	40125	U	Polychlorinated Biphenyls	3.87E-04	3.88E-04	3.88E-04	4.22E-04	4.31E-04	4.81E-04	4.95E-04	4.99E-04	3.33E-11	5.12E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Pottawatomie County	40125	U	Polycyclic Organic Matter	3.79E-03	4.28E-03	4.91E-03	1.11E-02	1.32E-02	1.98E-02	2.22E-02	2.95E-02	3.23E-04	1.04E-02	2.12E-03	3.15E-04	0.00E+00
Oklahoma	Pottawatomie County	40125	U	7-PAH	2.88E-04	3.46E-04	3.80E-04	5.25E-04	5.52E-04	7.86E-04	8.17E-04	8.62E-04	8.36E-09	5.54E-04	1.42E-05	3.01E-06	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Propylene Dichloride	5.54E-07	5.55E-07	6.04E-07	1.57E-06	2.71E-06	4.72E-06	7.82E-06	8.05E-06	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Quinoline	9.88E-10	1.34E-09	1.55E-09	1.75E-09	1.89E-09	2.03E-09	2.05E-09	4.73E-09	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	U	1,1,2,2-Tetrachloroethane	1.88E-06	2.23E-06	2.73E-06	4.45E-06	6.75E-06	1.04E-05	1.14E-05	1.46E-05	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pottawatomie County	40125	U	Trichloroethylene	8.46E-02	8.51E-02	8.96E-02	1.03E-01	3.04E-01	1.94E-01	6.24E-01	2.38E+00	2.17E-01	5.41E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Pottawatomie County	40125	U	Vinyl Chloride	9.65E-06	9.68E-06	1.40E-05	2.14E-05	3.01E-05	4.35E-05	4.62E-05	6.89E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pushmataha County	40127	R	Acetaldehyde	8.40E-02	8.40E-02	8.40E-02	1.44E-01	1.36E-01	1.79E-01	1.79E-01	1.79E-01	3.09E-02	8.85E-02	1.19E-02	3.25E-03	0.00E+00
Oklahoma	Pushmataha County	40127	R	Acrolein	1.26E-02	1.26E-02	1.26E-02	1.68E-02	1.72E-02	2.21E-02	2.21E-02	2.21E-02	3.28E-04	1.46E-02	1.58E-03	6.38E-04	0.00E+00
Oklahoma	Pushmataha County	40127	R	Acrylonitrile	2.03E-06	2.03E-06	2.03E-06	4.51E-06	3.84E-06	4.97E-06	4.97E-06	4.97E-06	0.00E+00	3.84E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pushmataha County	40127	R	Arsenic Compounds	1.54E-06	1.54E-06	1.54E-06	6.77E-06	7.34E-06	1.37E-05	1.37E-05	1.37E-05	4.47E-06	7.02E-07	1.66E-06	5.14E-07	0.00E+00
Oklahoma	Pushmataha County	40127	R	Benzene	5.23E-01	5.23E-01	5.23E-01	5.39E-01	5.34E-01	5.41E-01	5.41E-01	5.41E-01	1.71E-04	2.96E-02	1.49E-02	9.58E-03	4.80E-01
Oklahoma	Pushmataha County	40127	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
Oklahoma	Pushmataha County	40127	R	Beryllium Compounds	1.37E-08	1.37E-08	1.37E-08	1.94E-07	2.52E-07	5.48E-07	5.48E-07	5.48E-07	2.26E-07	2.40E-08	0.00E+00	1.96E-09	0.00E+00
Oklahoma	Pushmataha County	40127	R	1,3-Butadiene	3.72E-03	3.72E-03	3.72E-03	4.73E-03	4.51E-03	5.07E-03	5.07E-03	5.07E-03	0.00E+00	3.28E-03	8.88E-04	3.38E-04	0.00E+00
Oklahoma	Pushmataha County	40127	R	Cadmium Compounds	5.56E-08	5.56E-08	5.56E-08	6.17E-07	8.82E-07	1.97E-06	1.97E-06	1.97E-06	5.94E-07	2.87E-07	0.00E+00	1.94E-09	0.00E+00
Oklahoma	Pushmataha County	40127	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.84E-02	4.84E-02	5.12E-02	5.12E-02	1.38E-03	3.34E-05	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Pushmataha County	40127	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.83E-01	8.83E-01	8.83E-01	1.09E-03	7.31E-06	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Pushmataha County	40127	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.39E-02	8.56E-02	8.56E-02	8.56E-02	8.31E-04	6.12E-05	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Pushmataha County	40127	R	Chromium Compounds (includes Hexavalent)	7.95E-07	7.95E-07	7.95E-07	1.09E-05	2.67E-05	6.83E-05	6.83E-05	6.83E-05	2.43E-05	1.28E-06	1.04E-06	7.57E-08	0.00E+00
Oklahoma	Pushmataha County	40127	R	Chromium VI	3.10E-07	3.10E-07	3.10E-07	2.11E-06	8.76E-06	2.39E-05	2.39E-05	2.39E-05	7.61E-06	7.18E-07	4.11E-07	2.57E-08	0.00E+00
Oklahoma	Pushmataha County	40127	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
Oklahoma	Pushmataha County	40127	R	1,4-Dichlorobenzene	4.00E-04	4.00E-04	4.00E-04	4.00E-04	6.17E-04	9.59E-04	9.59E-04	9.59E-04	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pushmataha County	40127	R	1,3-Dichloropropene	7.59E-04	7.59E-04	7.59E-04	9.49E-04	1.20E-03	1.90E-03	1.90E-03	1.90E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pushmataha County	40127	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	2.41E-09	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Pushmataha County	40127	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.18E-02	6.18E-02	6.18E-02	0.00E+00	2.68E-04	3.33E-07	0.00E+00	6.10E-02
Oklahoma	Pushmataha County	40127	R	Ethylene Oxide	4.61E-06	4.61E-06	4.61E-06	5.85E-06	1.66E-05	3.93E-05	3.93E-05	3.93E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Pushmataha County	40127	R	Formaldehyde	3.40E-01	3.40E-01	3.40E-01	3.64E-01	3.75E-01	4.20E-01	4.20E-01	4.20E-01	5.09E-03	1.06E-01	9.43E-03	4.23E-03	2.50E-01
Oklahoma	Pushmataha County	40127	R	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	5.26E-08	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Pushmataha County	40127	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	4.24E-09	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Pushmataha County	40127	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
Oklahoma	Pushmataha County	40127	R	Hydrazine	4.30E-12	4.30E-12	4.30E-12	3.34E-11	3.53E-10	1.02E-09	1.02E-09	1.02E-09	0.00E+00				

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

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	
Oklahoma	Pushmataha County	40127	R	7-PAH	4.38E-04	4.38E-04	4.38E-04	5.38E-04	5.79E-04	7.62E-04	7.62E-04	7.62E-04	4.45E-09	5.74E-04	2.79E-06	2.42E-06	0.00E+00	
Oklahoma	Pushmataha County	40127	R	Propylene Dichloride	8.17E-08	8.17E-08	8.17E-08	1.78E-07	1.73E-07	2.58E-07	2.58E-07	2.58E-07	0.00E+00	1.73E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pushmataha County	40127	R	Quinoline	3.29E-10	3.29E-10	3.29E-10	7.04E-10	1.98E-09	4.90E-09	4.90E-09	4.90E-09	0.00E+00	1.98E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pushmataha County	40127	R	1,1,2,2-Tetrachloroethane	2.89E-07	2.89E-07	2.89E-07	5.02E-07	7.83E-07	1.56E-06	1.56E-06	1.56E-06	0.00E+00	7.83E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Pushmataha County	40127	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.14E-02	8.18E-02	8.18E-02	8.18E-02	2.27E-04	1.27E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Pushmataha County	40127	R	Vinyl Chloride	7.42E-07	7.42E-07	7.42E-07	1.27E-06	2.00E-06	3.99E-06	3.99E-06	3.99E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Acetaldehyde	6.98E-01	6.98E-01	6.98E-01	6.98E-01	6.98E-01	6.98E-01	6.98E-01	6.98E-01	0.00E+00	6.92E-01	3.20E-03	2.62E-03	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Acrolein	4.18E-03	4.18E-03	4.18E-03	4.18E-03	4.18E-03	4.18E-03	4.18E-03	4.18E-03	0.00E+00	3.59E-03	4.73E-04	1.23E-04	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Acrylonitrile	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Arsenic Compounds	9.25E-07	9.25E-07	9.25E-07	9.25E-07	9.25E-07	9.25E-07	9.25E-07	9.25E-07	0.00E+00	2.24E-08	4.46E-07	4.56E-07	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Benzene	5.05E-01	5.05E-01	5.05E-01	5.05E-01	5.05E-01	5.05E-01	5.05E-01	5.05E-01	3.30E-03	1.62E-02	4.08E-03	1.44E-03	4.80E-01	
Oklahoma	Roger Mills County	40129	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	
Oklahoma	Roger Mills County	40129	R	Beryllium Compounds	3.10E-08	3.10E-08	3.10E-08	3.10E-08	3.10E-08	3.10E-08	3.10E-08	3.10E-08	0.00E+00	6.67E-09	0.00E+00	2.44E-08	0.00E+00	
Oklahoma	Roger Mills County	40129	R	1,3-Butadiene	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	1.35E-03	0.00E+00	1.08E-03	2.00E-04	6.91E-05	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Cadmium Compounds	4.73E-08	4.73E-08	4.73E-08	4.73E-08	4.73E-08	4.73E-08	4.73E-08	4.73E-08	0.00E+00	2.33E-08	0.00E+00	2.41E-08	0.00E+00	
Oklahoma	Roger Mills County	40129	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	7.90E-06	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Roger Mills County	40129	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	1.46E-06	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Roger Mills County	40129	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	4.22E-05	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Roger Mills County	40129	R	Chromium Compounds (includes Hexavalent)	3.04E-07	3.04E-07	3.04E-07	3.04E-07	3.04E-07	3.04E-07	3.04E-07	3.04E-07	0.00E+00	1.61E-08	2.69E-07	1.94E-08	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Chromium VI	1.22E-07	1.22E-07	1.22E-07	1.22E-07	1.22E-07	1.22E-07	1.22E-07	1.22E-07	0.00E+00	8.87E-09	1.07E-07	6.59E-09	0.00E+00	
Oklahoma	Roger Mills County	40129	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	
Oklahoma	Roger Mills County	40129	R	1,4-Dichlorobenzene	1.48E-04	1.48E-04	1.48E-04	1.48E-04	1.48E-04	1.48E-04	1.48E-04	1.48E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	R	1,3-Dichloropropene	2.87E-04	2.87E-04	2.87E-04	2.87E-04	2.87E-04	2.87E-04	2.87E-04	2.87E-04	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	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	8.06E-09	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Roger Mills County	40129	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	1.71E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Roger Mills County	40129	R	Ethylene Oxide	6.15E-06	6.15E-06	6.15E-06	6.15E-06	6.15E-06	6.15E-06	6.15E-06	6.15E-06	0.00E+00	6.15E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Formaldehyde	3.85E-01	3.85E-01	3.85E-01	3.85E-01	3.85E-01	3.85E-01	3.85E-01	3.85E-01	0.00E+00	1.29E-01	2.38E-03	3.67E-03	2.50E-01	
Oklahoma	Roger Mills County	40129	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.85E-08	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Roger Mills County	40129	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	8.29E-10	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Roger Mills County	40129	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	
Oklahoma	Roger Mills County	40129	R	Hydrazine	1.25E-11	1.25E-11	1.25E-11	1.25E-11	1.25E-11	1.25E-11	1.25E-11	1.25E-11	0.00E+00	1.25E-11	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Lead Compounds	8.64E-07	8.64E-07	8.64E-07	8.64E-07	8.64E-07	8.64E-07	8.64E-07	8.64E-07	0.00E+00	2.53E-07	0.00E+00	6.12E-07	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Manganese Compounds	2.17E-07	2.17E-07	2.17E-07	2.17E-07	2.17E-07	2.17E-07	2.17E-07	2.17E-07	0.00E+00	9.41E-08	8.46E-08	3.81E-08	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	9.35E-08	5.22E-07	4.35E-07	1.50E-03	
Oklahoma	Roger Mills County	40129	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	0.00E+00	5.74E-04	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Roger Mills County	40129	R	Nickel Compounds	4.90E-07	4.90E-07	4.90E-07	4.90E-07	4.90E-07	4.90E-07	4.90E-07	4.90E-07	0.00E+00	2.28E-07	2.06E-07	5.63E-08	0.00E+00	
Oklahoma	Roger Mills County	40129	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	1.09E-04	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Roger Mills County	40129	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	0.00E+00	1.11E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Roger Mills County	40129	R	Polycyclic Organic Matter	8.37E-04	8.37E-04	8.37E-04	8.37E-04	8.37E-04	8.37E-04	8.37E-04	8.37E-04	0.00E+00	7.03E-04	1.07E-04	2.72E-05	0.00E+00	
Oklahoma	Roger Mills County	40129	R	7-PAH	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	0.00E+00	1.55E-04	7.64E-07	3.66E-07	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Propylene Dichloride	8.66E-07	8.66E-07	8.66E-07	8.66E-07	8.66E-07	8.66E-07	8.66E-07	8.66E-07	0.00E+00	8.66E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	R	Quinoline	2.42E-10	2.42E-10	2.42E-10	2.42E-10	2.42E-10	2.42E-10	2.42E-10	2.42E-10	0.00E+00	2.42E-10	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	R	1,1,2,2-Tetrachloroethane	7.79E-06	7.79E-06	7.79E-06	7.79E-06	7.79E-06	7.79E-06	7.79E-06	7.79E-06	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Roger Mills County	40129	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	0.00E+00	5.11E-05	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Roger Mills County	40129	R	Vinyl Chloride	1.92E-05	1.92E-05	1.92E-05	1.92E-05	1.92E-05	1.92E-05	1.92E-05	1.92E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	Acetaldehyde	8.69E-02	1.08E-01	1.22E-01	1.57E-01	1.94E-01	2.60E-01	3.55E-01	3.58E-01	1.17E-03	2.14E-02	1.53E-01	1.82E-02	0.00E+00	
Oklahoma	Rogers County	40131	U	Acrolein	2.05E-02	2.18E-02	2.89E-02	3.36E-02	3.51E-02	4.32E-02	4.71E-02	4.91E-02	5.85E-05	1.19E-02	1.99E-02	3.27E-03	0.00E+00	
Oklahoma	Rogers County	40131	U	Acrylonitrile	2.03E-05	2.03E-05	7.68E-05	9.88E-05	1.78E-04	1.66E-04	3.07E-04	6.61E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	Arsenic Compounds	2.79E-05	2.86E-05	3.44E-05	4.29E-05	4.74E-05	5.24E-05	8.55E-05	8.92E-05	2.10E-05	2.35E-06	2.05E-05	3.50E-06	0.00E+00	
Oklahoma	Rogers County	40131	U	Benzene	6.37E-01	6.43E-01	7.04E-01	7.87E-01	8.33E-01	9.45E-01	1.09E+00	1.11E+00	7.58E-04	1.16E-01	2.06E-01	3.04E-02	4.80E-01	
Oklahoma	Rogers County	40131	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	
Oklahoma	Rogers County	40131	U	Beryllium Compounds	1.36E-06	1.42E-06	1.90E-06	2.70E-06	2.86E-06	3.45E-06	5.26E-06	5.42E-06	1.11E-06	5.79E-07	0.00E+00	1.17E-06	0.00E+00	
Oklahoma	Rogers County	40131	U	1,3-Butadiene	6.56E-03	7.23E-03	1.01E-02	1.23E-02	1.80E-02	2.50E-02	3.13E-02	4.34E-02	4.46E-06	2.56E-03	1.37E-02	1.68E-03	0.00E+00	
Oklahoma	Rogers County	40131	U	Cadmium Compounds	3.04E-06	3.07E-06	5.68E-06	1.47E-05	1.53E-05	2.35E-05	2.81E-05	2.99E-05	1.24E-05	1.66E-06	0.00E+00	1.17E-06	0.00E+00	
Oklahoma	Rogers County	40131	U	Carbon Disulfide	4.72E-02	4.72E-02	4.73E-02	4.75E-02	4.76E-02	4.78E-02	4.80E-02	4.82E-02	1.31E-05	5.44E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Rogers County	40131	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.03E-04	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Rogers County	40131	U	Chloroform	8.40E-02	8.45E												

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State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Oklahoma	Rogers County	40131	U	Ethylene Oxide	2.99E-05	3.00E-05	8.19E-05	1.78E-04	2.61E-04	4.19E-04	5.52E-04	6.81E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	Formaldehyde	3.72E-01	3.72E-01	3.97E-01	4.37E-01	4.49E-01	4.84E-01	5.68E-01	6.03E-01	1.53E-03	4.92E-02	1.19E-01	2.95E-02	2.50E-01	
Oklahoma	Rogers County	40131	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.35E-05	9.36E-05	9.43E-05	9.44E-05	0.00E+00	5.17E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Rogers County	40131	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	5.97E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Rogers County	40131	U	Hexamethylene Diisocyanate	4.87E-07	5.31E-07	1.61E-06	3.84E-06	5.02E-05	2.59E-05	1.34E-04	3.07E-04	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	Hydrazine	7.72E-10	8.73E-10	1.06E-09	1.53E-09	3.05E-09	2.96E-09	1.32E-08	1.45E-08	0.00E+00	3.05E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	Lead Compounds	5.93E-05	7.12E-05	2.39E-04	3.47E-04	3.99E-04	5.10E-04	6.75E-04	1.12E-03	5.07E-05	9.11E-05	0.00E+00	2.57E-04	0.00E+00	
Oklahoma	Rogers County	40131	U	Manganese Compounds	7.14E-05	8.62E-05	1.59E-04	3.58E-04	1.38E-03	6.29E-04	1.97E-03	3.88E-03	1.34E-04	1.24E-03	4.47E-06	4.57E-07	0.00E+00	
Oklahoma	Rogers County	40131	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.57E-03	1.59E-03	4.58E-06	7.64E-06	2.27E-05	4.25E-06	1.50E-03	
Oklahoma	Rogers County	40131	U	Methylene Chloride	1.58E-01	1.59E-01	1.67E-01	1.81E-01	1.88E-01	2.04E-01	2.24E-01	2.41E-01	6.15E-03	3.19E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Rogers County	40131	U	Nickel Compounds	8.81E-05	1.21E-04	4.41E-04	1.16E-03	2.71E-03	2.99E-03	5.29E-03	6.82E-03	3.13E-04	2.38E-03	1.07E-05	1.10E-06	0.00E+00	
Oklahoma	Rogers County	40131	U	Perchloroethylene	1.43E-01	1.45E-01	1.50E-01	1.55E-01	1.57E-01	1.61E-01	1.79E-01	1.78E-01	2.04E-03	1.52E-02	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Rogers County	40131	U	Polychlorinated Biphenyls	3.92E-04	3.92E-04	4.02E-04	4.26E-04	4.43E-04	4.59E-04	5.48E-04	5.60E-04	3.04E-10	6.26E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Rogers County	40131	U	Polycyclic Organic Matter	1.13E-02	1.42E-02	1.61E-02	2.00E-02	2.39E-02	2.92E-02	4.58E-02	4.64E-02	2.50E-03	1.54E-02	5.36E-03	7.19E-04	0.00E+00	
Oklahoma	Rogers County	40131	U	7-PAH	6.11E-04	6.23E-04	8.05E-04	9.32E-04	9.58E-04	1.07E-03	1.25E-03	1.49E-03	1.50E-06	9.10E-04	3.73E-05	8.88E-06	0.00E+00	
Oklahoma	Rogers County	40131	U	Propylene Dichloride	1.27E-06	1.50E-06	4.05E-06	5.42E-06	1.01E-05	8.72E-06	1.74E-05	3.91E-05	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	Quinoline	2.36E-08	2.45E-08	3.26E-08	4.11E-08	4.61E-08	5.52E-08	8.47E-08	8.93E-08	0.00E+00	4.61E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	1,1,2,2-Tetrachloroethane	6.27E-06	7.59E-06	2.22E-05	3.87E-05	7.92E-05	6.06E-05	1.44E-04	3.44E-04	0.00E+00	7.92E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Rogers County	40131	U	Trichloroethylene	8.14E-02	8.20E-02	8.45E-02	8.75E-02	8.91E-02	9.15E-02	9.79E-02	9.88E-02	4.27E-03	3.86E-03	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Rogers County	40131	U	Vinyl Chloride	1.75E-05	1.96E-05	5.63E-05	9.73E-05	1.97E-04	1.51E-04	3.57E-04	8.49E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	R	Acetaldehyde	4.89E-02	4.89E-02	5.88E-02	6.89E-02	6.80E-02	7.65E-02	9.65E-02	9.65E-02	0.00E+00	2.48E-02	3.98E-02	3.36E-03	0.00E+00	
Oklahoma	Seminole County	40133	R	Acrolein	1.53E-02	1.53E-02	1.65E-02	1.92E-02	1.90E-02	2.08E-02	2.64E-02	2.64E-02	0.00E+00	1.36E-02	4.80E-03	5.83E-04	0.00E+00	
Oklahoma	Seminole County	40133	R	Acrylonitrile	1.77E-05	1.77E-05	2.35E-05	2.84E-05	3.87E-05	3.92E-05	1.15E-04	1.15E-04	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	R	Arsenic Compounds	3.62E-06	3.62E-06	4.01E-06	7.04E-06	8.99E-06	1.14E-05	2.49E-05	2.49E-05	7.41E-09	1.09E-06	6.75E-06	1.16E-06	0.00E+00	
Oklahoma	Seminole County	40133	R	Benzene	5.53E-01	5.53E-01	5.58E-01	5.85E-01	7.08E-01	6.42E-01	1.63E+00	1.63E+00	9.17E-02	5.92E-02	6.70E-02	9.54E-03	4.80E-01	
Oklahoma	Seminole County	40133	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	
Oklahoma	Seminole County	40133	R	Beryllium Compounds	1.01E-07	1.01E-07	1.31E-07	2.24E-07	4.31E-07	4.15E-07	1.94E-06	1.94E-06	0.00E+00	2.61E-07	0.00E+00	1.71E-07	0.00E+00	
Oklahoma	Seminole County	40133	R	1,3-Butadiene	4.74E-03	4.74E-03	6.01E-03	6.97E-03	1.03E-02	1.24E-02	2.94E-02	2.94E-02	0.00E+00	3.28E-03	6.21E-03	8.10E-04	0.00E+00	
Oklahoma	Seminole County	40133	R	Cadmium Compounds	1.58E-07	1.58E-07	4.62E-07	7.02E-07	9.24E-07	8.55E-07	3.15E-06	3.15E-06	2.15E-07	5.40E-07	0.00E+00	1.70E-07	0.00E+00	
Oklahoma	Seminole County	40133	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.81E-02	4.81E-02	0.00E+00	2.47E-04	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Seminole County	40133	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	5.61E-05	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Seminole County	40133	R	Chloroform	8.33E-02	8.33E-02	8.35E-02	8.36E-02	8.37E-02	8.37E-02	8.51E-02	8.51E-02	0.00E+00	7.37E-04	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Seminole County	40133	R	Chromium Compounds (includes Hexavalent)	3.17E-06	3.17E-06	4.72E-06	5.07E-06	6.97E-06	8.27E-06	1.67E-05	1.67E-05	1.69E-06	7.30E-07	4.40E-06	1.53E-07	0.00E+00	
Oklahoma	Seminole County	40133	R	Chromium VI	1.21E-06	1.21E-06	1.77E-06	2.09E-06	2.77E-06	3.30E-06	7.18E-06	7.18E-06	5.60E-07	4.03E-07	1.76E-06	5.19E-08	0.00E+00	
Oklahoma	Seminole County	40133	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	
Oklahoma	Seminole County	40133	R	1,4-Dichlorobenzene	1.09E-03	1.09E-03	1.47E-03	1.61E-03	3.53E-03	3.87E-03	1.35E-02	1.35E-02	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	R	1,3-Dichloropropene	2.12E-03	2.12E-03	2.88E-03	3.10E-03	7.07E-03	7.77E-03	2.74E-02	2.74E-02	0.00E+00	7.07E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	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	2.12E-08	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Seminole County	40133	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.95E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Seminole County	40133	R	Ethylene Oxide	1.23E-05	1.23E-05	1.61E-05	4.96E-05	3.98E-05	5.18E-05	9.27E-05	9.27E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	R	Formaldehyde	3.32E-01	3.32E-01	3.37E-01	3.52E-01	3.56E-01	3.58E-01	4.23E-01	4.23E-01	2.06E-03	6.14E-02	3.61E-02	6.41E-03	2.50E-01	
Oklahoma	Seminole County	40133	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.39E-05	9.39E-05	0.00E+00	2.40E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Seminole County	40133	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.35E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Seminole County	40133	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	
Oklahoma	Seminole County	40133	R	Hydrazine	8.19E-11	8.19E-11	1.01E-10	1.32E-10	2.84E-09	3.24E-10	2.42E-08	2.42E-08	0.00E+00	2.84E-09	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	R	Lead Compounds	9.87E-05	9.87E-05	1.29E-04	2.24E-04	5.31E-04	2.73E-04	3.21E-03	3.21E-03	5.60E-06	4.69E-04	0.00E+00	5.70E-05	0.00E+00	
Oklahoma	Seminole County	40133	R	Manganese Compounds	4.08E-05	4.08E-05	1.00E-04	1.62E-04	4.67E-04	1.75E-04	3.14E-03	3.14E-03	6.25E-06	4.59E-04	1.38E-06	1.25E-07	0.00E+00	
Oklahoma	Seminole County	40133	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.55E-03	1.55E-03	7.72E-08	6.06E-06	7.57E-06	1.13E-06	1.50E-03	
Oklahoma	Seminole County	40133	R	Methylene Chloride	1.54E-01	1.54E-01	1.56E-01	1.56E-01	1.68E-01	1.66E-01	2.35E-01	2.35E-01	4.03E-06	1.81E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Seminole County	40133	R	Nickel Compounds	7.86E-06	7.86E-06	1.00E-05	1.72E-05	3.25E-05	3.21E-05	1.35E-04	1.35E-04	1.47E-06	2.75E-05	3.30E-06	2.19E-07	0.00E+00	
Oklahoma	Seminole County	40133	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.49E-01	1.49E-01	0.00E+00	3.04E-03	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Seminole County	40133	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.88E-04	3.90E-04	4.07E-04	4.11E-04	4.90E-04	4.90E-04	0.00E+00	2.67E-05	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Seminole County	40133	R	Polycyclic Organic Matter	3.62E-03	3.62E-03	4.79E-03	5.22E-03	3.11E-02	1.11E-02	2.23E-01	2.23E-01	2.42E-02	5.11E-03	1.69E-03	1.65E-04	0.00E+00	
Oklahoma	Seminole County	40133	R	7-PAH	4.23E-04	4.23E-04	5.18E-04	6.07E-04	6.39E-04	6.94E-04	1.13E-03	1.13E-03	0.00E+00	6.26E-04	1.15E-05	2.16E-06	0.00E+00	
Oklahoma	Seminole County	40133	R	Propylene Dichloride	9.53E-07	9.53E-07	1.29E-06	1.36E-06	1.85E-06	1.94E-06	4.06E-06	4.06E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	R	Quinoline	2.74E-09	2.74E-09	3.01E-09	4.71E-09	1.27E-08	6.67E-09	7.86E-08	7.86E-08	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Seminole County	40133	R	1,1,2,2-Tetrachloroethane	6.72E-06													

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

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
Oklahoma	Stephens County	40137	U	Perchloroethylene	1.42E-01	1.43E-01	1.46E-01	1.53E-01	1.53E-01	1.57E-01	1.65E-01	1.72E-01	1.97E-06	1.32E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Stephens County	40137	U	Polychlorinated Biphenyls	3.85E-04	3.86E-04	3.88E-04	4.33E-04	4.33E-04	4.45E-04	4.95E-04	5.15E-04	0.00E+00	5.26E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Stephens County	40137	U	Polycyclic Organic Matter	3.43E-03	3.75E-03	7.15E-03	1.64E-02	1.68E-02	2.07E-02	3.40E-02	4.70E-02	8.99E-04	1.07E-02	4.78E-03	4.73E-04	0.00E+00
Oklahoma	Stephens County	40137	U	7-PAH	2.19E-04	2.32E-04	2.84E-04	5.51E-04	5.71E-04	7.09E-04	9.79E-04	1.12E-03	1.68E-11	5.33E-04	3.19E-05	5.63E-06	0.00E+00
Oklahoma	Stephens County	40137	U	Propylene Dichloride	9.61E-07	1.66E-06	3.45E-06	5.00E-06	5.09E-06	6.45E-06	8.82E-06	1.12E-05	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Stephens County	40137	U	Quinoline	3.44E-11	8.39E-11	1.51E-09	1.69E-09	1.42E-09	1.88E-09	1.92E-09	1.93E-09	0.00E+00	1.42E-09	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Stephens County	40137	U	1,1,2,2-Tetrachloroethane	7.98E-06	1.39E-05	3.03E-05	3.41E-05	3.29E-05	4.33E-05	4.45E-05	4.54E-05	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Stephens County	40137	U	Trichloroethylene	8.13E-02	8.14E-02	8.15E-02	8.48E-02	8.59E-02	8.66E-02	9.45E-02	1.02E-01	0.00E+00	4.92E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Stephens County	40137	U	Vinyl Chloride	1.97E-05	3.42E-05	7.46E-05	8.44E-05	8.13E-05	1.07E-04	1.10E-04	1.13E-04	0.00E+00	8.13E-05	0.00E+00	0.00E+00	8.00E+00
Oklahoma	Texas County	40139	R	Acetaldehyde	5.55E-02	5.55E-02	1.37E-01	1.42E-01	2.68E-01	2.61E-01	7.45E-01	7.45E-01	3.12E-03	2.20E-01	2.83E-02	1.67E-02	0.00E+00
Oklahoma	Texas County	40139	R	Acrolein	2.48E-03	2.48E-03	4.12E-03	2.08E-02	1.85E-02	3.26E-02	3.27E-02	3.27E-02	3.36E-05	1.46E-02	2.97E-03	9.37E-04	0.00E+00
Oklahoma	Texas County	40139	R	Acrylonitrile	1.52E-06	1.52E-06	6.34E-06	9.73E-06	3.17E-05	6.90E-05	7.21E-05	7.21E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	R	Arsenic Compounds	1.35E-06	1.35E-06	2.57E-06	8.21E-06	1.57E-05	3.31E-05	3.31E-05	3.31E-05	0.00E+00	2.38E-06	8.48E-06	4.81E-06	0.00E+00
Oklahoma	Texas County	40139	R	Benzene	4.90E-01	4.90E-01	5.17E-01	5.93E-01	6.80E-01	9.01E-01	9.01E-01	9.01E-01	1.94E-03	9.95E-02	8.41E-02	1.47E-02	4.80E-01
Oklahoma	Texas County	40139	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
Oklahoma	Texas County	40139	R	Beryllium Compounds	6.28E-08	6.28E-08	1.61E-07	4.15E-07	9.57E-07	2.07E-06	2.07E-06	2.07E-06	0.00E+00	5.07E-07	0.00E+00	4.50E-07	0.00E+00
Oklahoma	Texas County	40139	R	1,3-Butadiene	4.95E-04	4.95E-04	9.28E-04	1.48E-02	2.02E-02	4.24E-02	4.24E-02	4.24E-02	0.00E+00	7.74E-03	1.08E-02	1.70E-03	0.00E+00
Oklahoma	Texas County	40139	R	Cadmium Compounds	1.14E-07	1.14E-07	4.18E-07	2.56E-06	2.71E-06	5.22E-06	5.22E-06	5.22E-06	0.00E+00	2.26E-06	0.00E+00	4.49E-07	0.00E+00
Oklahoma	Texas County	40139	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.77E-02	4.77E-02	4.77E-02	0.00E+00	2.95E-04	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Texas County	40139	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.75E-05	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Texas County	40139	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.43E-02	8.60E-02	8.96E-02	8.96E-02	8.96E-02	0.00E+00	2.96E-03	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Texas County	40139	R	Chromium Compounds (includes Hexavalent)	5.37E-07	5.37E-07	2.94E-06	4.00E-06	8.21E-06	1.68E-05	1.68E-05	1.68E-05	0.00E+00	2.13E-06	5.60E-06	4.87E-07	0.00E+00
Oklahoma	Texas County	40139	R	Chromium VI	1.99E-07	1.99E-07	1.03E-06	1.39E-06	3.21E-06	6.72E-06	6.73E-06	6.73E-06	0.00E+00	9.20E-07	2.13E-06	1.66E-07	0.00E+00
Oklahoma	Texas County	40139	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
Oklahoma	Texas County	40139	R	1,4-Dichlorobenzene	9.93E-05	9.93E-05	3.69E-04	2.43E-03	5.20E-03	1.16E-02	1.16E-02	1.16E-02	0.00E+00	5.20E-03	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	R	1,3-Dichloropropene	1.95E-04	1.95E-04	7.26E-04	4.95E-03	1.06E-02	2.36E-02	2.36E-02	2.36E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	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	3.04E-09	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Texas County	40139	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	1.66E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Texas County	40139	R	Ethylene Oxide	4.08E-06	4.08E-06	6.97E-06	6.12E-05	1.40E-04	3.15E-04	3.15E-04	3.15E-04	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	R	Formaldehyde	3.45E-01	3.45E-01	4.01E-01	4.26E-01	4.41E-01	5.16E-01	5.16E-01	5.16E-01	2.49E-02	1.02E-01	3.79E-02	2.63E-02	2.50E-01
Oklahoma	Texas County	40139	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.33E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	3.15E-07	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Texas County	40139	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	4.72E-08	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Texas County	40139	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
Oklahoma	Texas County	40139	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	R	Lead Compounds	9.67E-06	9.67E-06	9.72E-05	1.62E-04	4.48E-04	9.67E-04	1.01E-03	1.01E-03	0.00E+00	4.00E-05	0.00E+00	4.08E-04	0.00E+00
Oklahoma	Texas County	40139	R	Manganese Compounds	5.36E-07	5.36E-07	2.98E-06	3.85E-06	8.34E-06	1.72E-05	1.72E-05	1.72E-05	0.00E+00	5.92E-06	1.81E-06	6.12E-07	0.00E+00
Oklahoma	Texas County	40139	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	0.00E+00	1.79E-06	9.26E-06	4.39E-06	1.50E-03
Oklahoma	Texas County	40139	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.57E-01	1.74E-01	2.06E-01	2.06E-01	2.06E-01	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Texas County	40139	R	Nickel Compounds	2.08E-06	2.08E-06	5.57E-06	1.38E-05	5.22E-05	1.20E-04	1.20E-04	1.20E-04	0.00E+00	4.72E-05	4.18E-06	7.64E-07	0.00E+00
Oklahoma	Texas County	40139	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.44E-01	1.49E-01	1.49E-01	1.49E-01	0.00E+00	4.18E-03	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Texas County	40139	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.82E-04	3.95E-04	4.12E-04	4.52E-04	4.52E-04	4.52E-04	0.00E+00	3.24E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Texas County	40139	R	Polycyclic Organic Matter	5.75E-04	5.75E-04	1.24E-03	7.55E-03	1.41E-02	3.05E-02	3.05E-02	3.05E-02	1.18E-07	1.14E-02	2.18E-03	4.45E-04	0.00E+00
Oklahoma	Texas County	40139	R	7-PAH	4.61E-05	4.61E-05	1.14E-04	9.86E-04	1.05E-03	2.05E-03	2.06E-03	2.06E-03	0.00E+00	1.03E-03	1.45E-05	3.62E-06	0.00E+00
Oklahoma	Texas County	40139	R	Propylene Dichloride	8.02E-08	8.02E-08	3.50E-07	4.35E-07	1.11E-06	2.25E-06	2.44E-06	2.44E-06	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	R	1,1,2,2-Tetrachloroethane	6.32E-07	6.32E-07	2.63E-06	2.90E-06	3.14E-06	3.90E-06	5.64E-06	5.64E-06	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Texas County	40139	R	Trichloroethylene	8.10E-02	8.10E-02	8.12E-02	8.17E-02	8.46E-02	8.94E-02	8.94E-02	8.94E-02	0.00E+00	3.55E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Texas County	40139	R	Vinyl Chloride	1.56E-06	1.56E-06	6.51E-06	7.15E-06	7.88E-06	9.95E-06	1.42E-05	1.42E-05	0.00E+00	7.88E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Acetaldehyde	4.71E-01	4.71E-01	5.26E-01	7.16E-01	7.95E-01	7.34E-01	1.53E+00	1.53E+00	5.08E-03	7.58E-01	2.03E-02	1.15E-02	0.00E+00
Oklahoma	Tillman County	40141	R	Acrolein	4.46E-03	4.46E-03	4.90E-03	4.96E-03	5.30E-03	5.18E-03	7.01E-03	7.01E-03	1.52E-06	2.38E-03	2.27E-03	6.56E-04	0.00E+00
Oklahoma	Tillman County	40141	R	Acrylonitrile	1.86E-05	1.86E-05	4.96E-05	6.92E-05	9.59E-05	1.14E-04	2.28E-04	2.28E-04	0.00E+00	9.59E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Arsenic Compounds	5.56E-06	5.56E-06	9.14E-06	9.60E-06	9.08E-06	1.03E-05	1.08E-05	1.08E-05	2.76E-06	3.55E-07	2.81E-06	3.15E-06	0.00E+00
Oklahoma	Tillman County	40141	R	Benzene	5.08E-01	5.08E-01	5.26E-01	5.45E-01	5.35E-01	5.48E-01	5.49E-01	5.49E-01	1.93E-04	1.76E-02	3.02E-02	7.11E-03	4.80E-01
Oklahoma	Tillman County	40141	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
Oklahoma	Tillman County	40141	R	Beryllium Compounds	1.45E-07	1.45E-07	2.34E-07	2.36E-07	2.53E-07	2.38E-07	4.11E-07	4.11E-07	1.44E-07	7.52E-08	0.00E+00	3.33E-08	0.00E+00
Oklahoma	Tillman County	40141	R	1,3-Butadiene	2.02E-03	2.02E-03	2.27E-03	4.06E-03	3.67E-03	4.45E-03	5.55E-03	5.55E-03	0.00E+00	6.60E-04	2.51E-03	4.98E-04	0.00E+00
Oklahoma	Tillman County	4															

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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	
Oklahoma	Tillman County	40141	R	1,3-Dichloropropene	1.29E-03	1.29E-03	1.70E-03	3.31E-03	3.01E-03	3.68E-03	5.06E-03	5.06E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	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	5.17E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Tillman County	40141	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	8.30E-05	1.33E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Tillman County	40141	R	Ethylene Oxide	2.16E-05	2.16E-05	5.98E-05	7.12E-05	8.34E-05	9.07E-05	1.74E-04	1.74E-04	0.00E+00	8.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Formaldehyde	3.61E-01	3.61E-01	3.65E-01	3.66E-01	4.81E-01	3.75E-01	9.35E-01	9.35E-01	1.22E-04	1.97E-01	1.59E-02	1.73E-02	2.50E-01	0.00E+00
Oklahoma	Tillman County	40141	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.37E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Tillman County	40141	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	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Tillman County	40141	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	0.00E+00
Oklahoma	Tillman County	40141	R	Hydrazine	2.97E-11	2.97E-11	1.01E-10	1.02E-10	1.02E-10	9.16E-11	1.11E-10	1.15E-10	0.00E+00	9.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Lead Compounds	3.13E-05	3.13E-05	3.93E-05	4.05E-05	4.92E-05	5.16E-05	8.31E-05	8.31E-05	3.12E-06	1.34E-06	0.00E+00	4.47E-05	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Manganese Compounds	4.49E-06	4.49E-06	5.83E-06	5.93E-06	7.07E-06	5.98E-06	1.31E-05	1.31E-05	5.33E-06	6.24E-07	6.24E-07	4.99E-07	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	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	1.54E-08	6.88E-07	3.02E-06	2.67E-06	1.50E-03	0.00E+00
Oklahoma	Tillman County	40141	R	Methylene Chloride	1.53E-01	1.53E-01	1.59E-01	1.60E-01	1.60E-01	1.63E-01	1.68E-01	1.68E-01	3.68E-03	6.81E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Tillman County	40141	R	Nickel Compounds	6.93E-06	6.93E-06	1.10E-05	1.23E-05	1.26E-05	1.45E-05	1.85E-05	1.85E-05	1.89E-06	8.87E-06	1.43E-06	4.40E-07	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	1.35E-05	2.05E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Tillman County	40141	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.83E-04	3.89E-04	3.87E-04	3.90E-04	3.92E-04	3.92E-04	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Tillman County	40141	R	Polycyclic Organic Matter	1.53E-03	1.53E-03	1.99E-03	3.55E-03	2.96E-03	3.83E-03	3.89E-03	3.89E-03	4.87E-05	1.99E-03	7.60E-04	1.61E-04	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	7-PAH	1.05E-04	1.05E-04	1.09E-04	1.16E-04	1.20E-04	1.25E-04	1.44E-04	1.44E-04	2.84E-09	1.13E-04	4.61E-06	1.68E-06	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Propylene Dichloride	1.06E-06	1.06E-06	2.75E-06	3.91E-06	5.63E-06	6.65E-06	1.38E-05	1.38E-05	0.00E+00	5.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Quinoline	7.05E-10	7.05E-10	1.90E-09	1.96E-09	1.89E-09	2.14E-09	2.75E-09	2.75E-09	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	1,1,2,2-Tetrachloroethane	9.04E-06	9.04E-06	2.26E-05	3.31E-05	4.97E-05	5.83E-05	1.25E-04	1.25E-04	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tillman County	40141	R	Trichloroethylene	8.12E-02	8.12E-02	8.15E-02	8.17E-02	8.16E-02	8.18E-02	8.18E-02	8.18E-02	3.08E-06	5.71E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Tillman County	40141	R	Vinyl Chloride	2.23E-05	2.23E-05	5.58E-05	8.16E-05	1.22E-04	1.44E-04	3.08E-04	3.08E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Acetaldehyde	3.00E-01	4.21E-01	5.98E-01	7.37E-01	8.15E-01	9.45E-01	1.32E+00	1.50E+00	2.54E-04	4.83E-02	6.59E-01	1.08E-01	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Acrolein	6.13E-02	7.03E-02	8.73E-02	1.05E-01	1.02E-01	1.16E-01	1.31E-01	1.39E-01	2.25E-04	1.52E-02	7.38E-02	1.24E-02	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Acyronitrile	9.37E-05	1.00E-04	1.24E-04	1.72E-04	2.31E-04	2.29E-04	2.95E-04	4.00E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Arsenic Compounds	4.77E-05	5.36E-05	7.86E-05	9.35E-05	1.07E-04	1.31E-04	1.65E-04	2.02E-04	6.51E-06	1.71E-05	6.80E-05	1.54E-05	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Benzene	1.07E+00	1.18E+00	1.48E+00	1.65E+00	1.80E+00	2.09E+00	2.56E+00	2.89E+00	7.71E-03	2.20E-01	9.52E-01	1.43E-01	4.80E-01	0.00E+00
Oklahoma	Tulsa County	40143	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
Oklahoma	Tulsa County	40143	U	Beryllium Compounds	1.72E-06	2.16E-06	3.00E-06	4.96E-06	5.52E-06	6.78E-06	9.46E-06	1.14E-05	5.81E-07	4.45E-06	0.00E+00	4.89E-07	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	1,3-Butadiene	2.82E-02	3.60E-02	5.56E-02	7.06E-02	9.43E-02	1.26E-01	1.78E-01	2.37E-01	1.55E-04	1.21E-03	7.87E-02	1.42E-02	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Cadmium Compounds	2.39E-05	2.84E-05	3.75E-05	5.61E-05	1.79E-04	7.94E-05	1.18E-04	1.94E-04	1.71E-04	0.00E+00	0.00E+00	6.16E-07	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Carbon Disulfide	4.77E-02	4.78E-02	4.81E-02	4.86E-02	4.90E-02	4.93E-02	5.03E-02	5.12E-02	3.73E-06	1.96E-03	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Tulsa County	40143	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Tulsa County	40143	U	Chloroform	9.73E-02	1.00E-01	1.10E-01	1.19E-01	1.17E-01	1.24E-01	1.29E-01	1.33E-01	1.16E-05	3.36E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Tulsa County	40143	U	Chromium Compounds (includes Hexavalent)	8.08E-04	9.59E-04	1.11E-03	1.38E-03	1.93E-03	1.77E-03	2.85E-03	4.40E-03	2.51E-04	1.62E-03	6.16E-05	2.60E-06	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Chromium VI	2.26E-04	2.45E-04	2.98E-04	3.95E-04	5.64E-04	6.02E-04	9.34E-04	1.37E-03	1.12E-05	5.27E-04	2.46E-05	8.85E-07	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	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
Oklahoma	Tulsa County	40143	U	1,4-Dichlorobenzene	1.60E-02	1.90E-02	2.97E-02	3.63E-02	3.50E-02	4.21E-02	4.74E-02	5.00E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	1,3-Dichloropropene	3.16E-02	3.78E-02	5.96E-02	7.25E-02	7.01E-02	8.45E-02	9.56E-02	1.00E-01	0.00E+00	7.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	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	1.85E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Tulsa County	40143	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.16E-02	6.15E-02	6.19E-02	6.26E-02	5.52E-04	2.32E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Tulsa County	40143	U	Ethylene Oxide	4.94E-04	6.16E-04	8.41E-04	1.33E-03	2.40E-03	1.98E-03	3.20E-03	4.67E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Formaldehyde	5.51E-01	6.27E-01	7.79E-01	8.70E-01	9.41E-01	1.08E+00	1.31E+00	1.54E+00	4.42E-04	5.54E-02	4.84E-01	1.51E-01	2.50E-01	0.00E+00
Oklahoma	Tulsa County	40143	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	1.42E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Tulsa County	40143	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	2.27E-07	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Tulsa County	40143	U	Hexamethylene Diisocyanate	5.91E-06	7.39E-06	9.59E-06	1.33E-05	1.99E-05	2.34E-05	3.88E-05	4.98E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Hydrazine	2.74E-09	3.84E-09	6.08E-09	1.40E-08	3.55E-08	2.58E-08	6.02E-08	9.56E-08	0.00E+00	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Lead Compounds	1.08E-03	1.33E-03	1.96E-03	3.14E-03	4.30E-03	4.48E-03	7.53E-03	1.11E-02	5.14E-04	1.97E-04	0.00E+00	3.59E-03	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Manganese Compounds	9.63E-04	1.10E-03	1.33E-03	1.70E-03	3.52E-03	2.39E-03	4.01E-03	9.38E-03	1.74E-03	1.76E-03	2.00E-05	2.78E-06	0.00E+00	0.00E+00
Oklahoma	Tulsa County	40143	U	Mercury Compounds	1.54E-03	1.55E-03	1.57E-03	1.58E-03	1.59E-03	1.62E-03	1.64E-03	1.68E-03	1.43E-06	1.61E-05	6.35E-05	1.28E-05	1.50E-03	0.00E+00
Oklahoma	Tulsa County	40143	U	Methylene Chloride	1.94E-01	2.04E-01	2.24E-01	2.44E-01	2.66E-01	2.81E-01	3.33E-01	4.33E-01	5.33E-02	6.29E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Tulsa County	40143	U	Nickel Compounds	1.18E-03	1.30E-03	1.45E-03	1.71E-03	2.19E-03	2.80E-03	4.04E-03	5.29E-03	2.08E-03	1.92E-03	4.57E-05	2.09E-05	0.00E+00	0.00E+00
Oklahoma</																		

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 Estimated Annual Average Ambient Concentrations µg/m3 for Oklahoma

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		
					Oklahoma	Wagoner County	40145	U	Acrylonitrile	4.15E-05	8.06E-05	1.28E-04	1.49E-04	1.69E-04	1.72E-04	3.93E-04	5.28E-04	0.00E+00	1.69E-04
Oklahoma	Wagoner County	40145	U	Arsenic Compounds	2.76E-05	3.54E-05	4.23E-05	5.24E-05	6.63E-05	7.14E-05	1.34E-04	1.77E-04	3.35E-05	2.48E-06	2.66E-05	3.73E-06	4.80E-01	0.00E+00	
Oklahoma	Wagoner County	40145	U	Benzene	6.25E-01	6.59E-01	7.49E-01	8.65E-01	9.23E-01	9.47E-01	1.10E+00	2.39E+00	7.18E-04	9.19E-02	3.18E-01	3.32E-02	4.80E-01	0.00E+00	
Oklahoma	Wagoner County	40145	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	
Oklahoma	Wagoner County	40145	U	Beryllium Compounds	1.28E-06	1.88E-06	2.19E-06	2.82E-06	3.39E-06	3.73E-06	6.39E-06	9.36E-06	1.76E-06	6.35E-07	0.00E+00	9.90E-07	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	1,3-Butadiene	5.83E-03	6.90E-03	1.06E-02	1.46E-02	2.73E-02	2.65E-02	3.14E-02	5.33E-02	2.13E-01	3.20E-02	2.29E-02	1.81E-03	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	Cadmium Compounds	4.78E-06	1.30E-05	1.66E-05	2.26E-05	2.15E-05	2.70E-05	3.10E-05	3.20E-05	1.90E-05	1.48E-06	0.00E+00	9.88E-07	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	Carbon Disulfide	4.73E-02	4.73E-02	4.76E-02	4.79E-02	4.81E-02	4.83E-02	4.95E-02	5.01E-02	1.53E-05	1.06E-03	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Oklahoma	Wagoner County	40145	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.30E-04	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Wagoner County	40145	U	Chloroform	8.72E-02	8.96E-02	9.13E-02	9.41E-02	9.95E-02	9.58E-02	1.35E-01	1.45E-01	1.09E-02	5.57E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Oklahoma	Wagoner County	40145	U	Chromium Compounds (includes Hexavalent)	5.14E-04	1.05E-03	1.38E-03	1.71E-03	2.14E-03	1.83E-03	5.14E-03	6.17E-03	1.22E-03	8.93E-04	2.10E-05	6.42E-07	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	Chromium VI	1.63E-04	1.96E-04	2.38E-04	4.48E-04	4.75E-04	6.30E-04	8.25E-04	9.81E-04	4.17E-05	4.24E-04	8.43E-06	2.18E-07	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	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	
Oklahoma	Wagoner County	40145	U	1,4-Dichlorobenzene	3.62E-03	4.02E-03	6.82E-03	1.17E-02	1.17E-02	1.42E-02	1.88E-02	2.55E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	1,3-Dichloropropene	7.04E-03	7.62E-03	1.30E-02	2.30E-02	2.31E-02	2.79E-02	3.75E-02	5.12E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.22E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Wagoner County	40145	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	8.00E-05	1.99E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Wagoner County	40145	U	Ethylene Oxide	6.41E-05	1.32E-04	1.75E-04	3.77E-04	3.40E-04	4.48E-04	5.12E-04	5.29E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	Formaldehyde	3.43E-01	3.63E-01	4.25E-01	4.60E-01	5.09E-01	5.23E-01	5.86E-01	1.27E+00	8.34E-04	4.99E-02	1.74E-01	3.42E-02	2.50E-01	0.00E+00	
Oklahoma	Wagoner County	40145	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.35E-05	9.35E-05	9.36E-05	9.40E-05	9.40E-05	0.00E+00	4.99E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00	
Oklahoma	Wagoner County	40145	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	7.39E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Wagoner County	40145	U	Hexamethylene Diisocyanate	0.00E+00	2.94E-06	1.12E-05	3.07E-05	3.04E-05	4.27E-05	6.68E-05	7.51E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Wagoner County	40145	U	Hydrazine	6.05E-10	8.07E-10	3.36E-09	1.24E-08	3.96E-08	2.25E-07	3.00E-07	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Oklahoma	Wagoner County	40145	U	Lead Compounds	1.51E-04	2.08E-04	3.87E-04	5.92E-04	5.47E-04	6.91E-04	8.68E-04	8.82E-04	7.07E-05	3.46E-05	0.00E+00	4.42E-04	0.00E+00		
Oklahoma	Wagoner County	40145	U	Manganese Compounds	6.00E-04	6.20E-04	9.40E-04	1.10E-03	1.11E-03	1.30E-03	1.53E-03	1.62E-03	5.18E-04	5.83E-04	6.60E-06	4.76E-07	0.00E+00		
Oklahoma	Wagoner County	40145	U	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.55E-03	1.57E-03	1.57E-03	1.65E-03	1.66E-03	2.81E-06	6.06E-06	2.72E-05	4.24E-06	1.50E-03		
Oklahoma	Wagoner County	40145	U	Methylene Chloride	1.72E-01	1.73E-01	1.80E-01	1.97E-01	2.00E-01	2.21E-01	2.28E-01	2.36E-01	1.28E-02	3.70E-02	0.00E+00	0.00E+00	1.50E-01		
Oklahoma	Wagoner County	40145	U	Nickel Compounds	1.05E-03	1.23E-03	1.50E-03	1.68E-03	2.07E-03	2.56E-03	3.36E-03	5.08E-03	8.61E-04	1.19E-03	1.56E-05	1.17E-06	0.00E+00		
Oklahoma	Wagoner County	40145	U	Perchloroethylene	1.45E-01	1.47E-01	1.53E-01	1.60E-01	1.60E-01	1.60E-01	1.70E-01	1.79E-01	3.60E-03	1.61E-02	0.00E+00	0.00E+00	1.40E-01		
Oklahoma	Wagoner County	40145	U	Polychlorinated Biphenyls	3.98E-04	3.98E-04	4.02E-04	4.37E-04	4.39E-04	4.57E-04	5.00E-04	5.32E-04	2.90E-10	5.92E-05	0.00E+00	0.00E+00	3.80E-04		
Oklahoma	Wagoner County	40145	U	Polycyclic Organic Matter	1.64E-02	1.77E-02	2.40E-02	2.94E-02	3.65E-02	3.73E-02	7.01E-02	8.76E-02	1.42E-02	1.35E-02	7.95E-03	8.37E-04	0.00E+00		
Oklahoma	Wagoner County	40145	U	7-PAH	4.80E-04	4.95E-04	7.26E-04	8.33E-04	8.74E-04	1.40E-03	1.52E-03	1.49E-05	7.98E-04	5.13E-05	9.29E-06	0.00E+00			
Oklahoma	Wagoner County	40145	U	Propylene Dichloride	2.33E-06	4.34E-06	7.47E-06	8.50E-06	1.02E-05	1.04E-05	2.36E-05	3.16E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00		
Oklahoma	Wagoner County	40145	U	Quinoline	1.88E-08	2.43E-08	4.13E-08	1.23E-07	1.89E-07	2.25E-07	6.82E-07	8.78E-07	0.00E+00	1.89E-07	0.00E+00	0.00E+00	0.00E+00		
Oklahoma	Wagoner County	40145	U	1,1,2,2-Tetrachloroethane	1.58E-05	1.83E-05	3.70E-05	4.59E-05	6.70E-05	5.70E-05	2.11E-04	2.82E-04	0.00E+00	6.70E-05	0.00E+00	0.00E+00	0.00E+00		
Oklahoma	Wagoner County	40145	U	Trichloroethylene	8.96E-02	9.25E-02	9.45E-02	9.68E-02	9.77E-02	1.03E-01	1.04E-01	1.07E-01	1.18E-02	4.93E-03	0.00E+00	0.00E+00	8.10E-02		
Oklahoma	Wagoner County	40145	U	Vinyl Chloride	3.99E-05	4.91E-05	9.92E-05	1.18E-04	1.71E-04	1.65E-04	5.20E-04	6.96E-04	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00		
Oklahoma	Washington County	40147	U	Acetaldehyde	7.10E-02	9.90E-02	1.76E-01	2.01E-01	1.95E-01	2.23E-01	2.54E-01	3.17E-01	9.10E-05	3.88E-02	1.37E-01	1.92E-02	0.00E+00		
Oklahoma	Washington County	40147	U	Acrolein	1.57E-02	2.15E-02	3.42E-02	4.04E-02	3.85E-02	4.26E-02	4.64E-02	6.02E-02	1.17E-04	1.98E-02	1.56E-02	3.00E-03	0.00E+00		
Oklahoma	Washington County	40147	U	Acrylonitrile	5.72E-05	6.44E-05	1.35E-04	1.87E-04	2.05E-04	2.21E-04	3.60E-04	4.81E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00		
Oklahoma	Washington County	40147	U	Arsenic Compounds	7.43E-06	1.88E-05	2.38E-05	3.84E-05	3.98E-05	4.89E-05	5.90E-05	7.58E-05	8.21E-06	5.41E-06	2.07E-05	5.48E-06	0.00E+00		
Oklahoma	Washington County	40147	U	Benzene	5.97E-01	6.25E-01	7.22E-01	9.06E-01	8.86E-01	9.85E-01	1.03E+00	1.37E+00	3.05E-03	9.94E-02	2.53E-01	5.00E-02	4.80E-01		
Oklahoma	Washington County	40147	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		
Oklahoma	Washington County	40147	U	Beryllium Compounds	3.01E-07	8.95E-07	1.20E-06	1.91E-06	2.14E-06	2.78E-06	3.78E-06	4.31E-06	4.94E-07	1.57E-06	0.00E+00	6.84E-08	0.00E+00		
Oklahoma	Washington County	40147	U	1,3-Butadiene	5.53E-03	6.83E-03	1.50E-02	3.50E-02	3.59E-02	4.49E-02	5.95E-02	8.73E-02	1.22E-05	5.65E-03	2.56E-02	4.69E-03	0.00E+00		
Oklahoma	Washington County	40147	U	Cadmium Compounds	1.90E-06	3.25E-06	4.09E-06	5.19E-06	1.24E-05	8.71E-06	2.37E-05	7.25E-05	1.64E-06	1.07E-05	0.00E+00	6.82E-08	0.00E+00		
Oklahoma	Washington County	40147	U	Carbon Disulfide	4.72E-02	4.73E-02	4.75E-02	4.78E-02	4.89E-02	4.96E-02	5.10E-02	5.37E-02	4.28E-05	1.81E-03	0.00E+00	0.00E+00	4.70E-02		
Oklahoma	Washington County	40147	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.95E-04	0.00E+00	8.80E-01		
Oklahoma	Washington County	40147	U	Chloroform	8.53E-02	8.70E-02	9.10E-02	9.86E-02	9.97E-02	1.03E-01	1.11E-01	1.23E-01	1.73E-06	1.67E-02	0.00E+00	0.00E+00	8.30E-02		
Oklahoma	Washington County	40147	U	Chromium Compounds (includes Hexavalent)	1.78E-05	3.98E-05	5.26E-05	8.22E-05	1.54E-04	9.48E-05	5.61E-04	6.92E-04	1.87E-05	1.19E-04	1.59E-05				

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					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Oklahoma	Washington County	40147	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	3.15E-07	5.21E-06	2.14E-05	4.36E-06	1.50E-03
Oklahoma	Washington County	40147	U	Methylene Chloride	1.59E-01	1.63E-01	1.80E-01	2.11E-01	2.27E-01	2.83E-01	2.89E-01	3.10E-01	1.41E-04	7.68E-02	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Washington County	40147	U	Nickel Compounds	1.84E-05	5.38E-05	7.28E-05	1.63E-04	4.46E-04	3.23E-04	6.58E-04	3.25E-03	1.80E-05	4.15E-04	1.18E-05	1.05E-06	0.00E+00
Oklahoma	Washington County	40147	U	Perchloroethylene	1.48E-01	1.60E-01	1.64E-01	1.68E-01	1.81E-01	2.02E-01	2.08E-01	2.37E-01	5.64E-04	4.00E-02	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Washington County	40147	U	Polychlorinated Biphenyls	3.90E-04	3.91E-04	4.07E-04	4.25E-04	4.35E-04	4.66E-04	4.82E-04	5.19E-04	7.39E-10	5.49E-05	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Washington County	40147	U	Polycyclic Organic Matter	6.41E-03	8.81E-03	1.38E-02	2.53E-02	2.65E-02	3.53E-02	4.24E-02	5.26E-02	2.05E-04	1.94E-02	6.17E-03	7.33E-04	0.00E+00
Oklahoma	Washington County	40147	U	7-PAH	4.68E-04	5.98E-04	9.34E-04	1.05E-03	1.03E-03	1.16E-03	1.30E-03	1.78E-03	3.62E-07	9.83E-04	3.88E-05	9.84E-06	0.00E+00
Oklahoma	Washington County	40147	U	Propylene Dichloride	3.19E-06	3.83E-06	7.73E-06	1.05E-05	1.29E-05	1.79E-05	2.13E-05	2.90E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washington County	40147	U	Quinoline	2.14E-08	2.48E-08	3.82E-08	5.58E-08	3.65E-07	4.62E-07	9.56E-07	1.78E-06	0.00E+00	3.65E-07	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washington County	40147	U	1,1,2,2-Tetrachloroethane	1.81E-05	2.03E-05	2.77E-05	3.14E-05	7.17E-05	7.76E-05	1.49E-04	2.60E-04	0.00E+00	7.17E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washington County	40147	U	Trichloroethylene	8.18E-02	8.26E-02	8.56E-02	8.82E-02	9.12E-02	9.74E-02	1.00E-01	1.02E-01	1.32E-03	8.85E-03	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Washington County	40147	U	Vinyl Chloride	5.38E-05	5.81E-05	7.92E-05	1.02E-04	1.88E-04	1.93E-04	3.69E-04	6.42E-04	8.55E-08	1.87E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	Acetaldehyde	1.67E-01	1.67E-01	1.79E-01	2.13E-01	2.13E-01	2.47E-01	2.59E-01	2.59E-01	0.00E+00	1.92E-01	1.13E-02	1.01E-02	0.00E+00
Oklahoma	Washita County	40149	R	Acrolein	1.95E-03	1.95E-03	1.95E-03	2.13E-03	2.34E-03	2.74E-03	3.16E-03	3.16E-03	0.00E+00	6.64E-04	1.35E-03	3.27E-04	0.00E+00
Oklahoma	Washita County	40149	R	Acrylonitrile	6.69E-06	6.69E-06	7.44E-06	9.29E-06	2.45E-05	4.16E-05	7.27E-05	7.27E-05	1.96E-07	2.43E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	Arsenic Compounds	2.67E-06	2.67E-06	2.80E-06	3.07E-06	3.57E-06	4.34E-06	5.47E-06	5.47E-06	0.00E+00	7.68E-08	1.80E-06	1.69E-06	0.00E+00
Oklahoma	Washita County	40149	R	Benzene	4.98E-01	4.98E-01	4.99E-01	5.02E-01	5.06E-01	5.14E-01	5.23E-01	5.23E-01	6.48E-05	7.30E-03	1.50E-02	3.92E-03	4.80E-01
Oklahoma	Washita County	40149	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
Oklahoma	Washita County	40149	R	Beryllium Compounds	1.46E-08	1.46E-08	1.49E-08	1.88E-08	2.02E-08	2.56E-08	2.89E-08	2.89E-08	0.00E+00	2.02E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	1,3-Butadiene	7.34E-04	7.34E-04	8.61E-04	1.06E-03	1.50E-03	2.13E-03	3.13E-03	3.13E-03	0.00E+00	1.37E-04	1.13E-03	2.35E-04	0.00E+00
Oklahoma	Washita County	40149	R	Cadmium Compounds	3.18E-08	3.18E-08	3.48E-08	4.74E-08	4.79E-08	6.09E-08	6.48E-08	6.48E-08	0.00E+00	4.79E-08	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	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	5.26E-05	0.00E+00	0.00E+00	4.70E-02
Oklahoma	Washita County	40149	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	2.69E-06	0.00E+00	0.00E+00	8.80E-01
Oklahoma	Washita County	40149	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	0.00E+00	2.26E-04	0.00E+00	0.00E+00	8.30E-02
Oklahoma	Washita County	40149	R	Chromium Compounds (includes Hexavalent)	6.27E-07	6.27E-07	7.36E-07	9.18E-07	1.16E-06	1.59E-06	2.18E-06	2.18E-06	0.00E+00	5.35E-08	1.08E-06	3.16E-08	0.00E+00
Oklahoma	Washita County	40149	R	Chromium VI	2.55E-07	2.55E-07	2.99E-07	3.70E-07	4.70E-07	6.42E-07	8.86E-07	8.86E-07	0.00E+00	2.96E-08	4.30E-07	1.07E-08	0.00E+00
Oklahoma	Washita County	40149	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
Oklahoma	Washita County	40149	R	1,4-Dichlorobenzene	3.22E-04	3.22E-04	3.45E-04	4.73E-04	4.66E-04	5.87E-04	5.95E-04	5.95E-04	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	1,3-Dichloropropene	6.33E-04	6.33E-04	6.80E-04	9.42E-04	9.22E-04	1.17E-03	1.17E-03	1.17E-03	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	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	1.30E-08	0.00E+00	0.00E+00	7.70E-03
Oklahoma	Washita County	40149	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	2.87E-06	0.00E+00	0.00E+00	6.10E-02
Oklahoma	Washita County	40149	R	Ethylene Oxide	4.72E-06	4.72E-06	6.02E-06	8.24E-06	9.81E-06	1.36E-05	1.80E-05	1.80E-05	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	Formaldehyde	3.28E-01	3.28E-01	3.34E-01	3.47E-01	3.46E-01	3.59E-01	3.64E-01	3.64E-01	1.87E-03	7.33E-02	8.44E-03	1.28E-02	2.50E-01
Oklahoma	Washita County	40149	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	8.68E-08	0.00E+00	0.00E+00	9.30E-05
Oklahoma	Washita County	40149	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	2.94E-09	0.00E+00	0.00E+00	1.80E-03
Oklahoma	Washita County	40149	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
Oklahoma	Washita County	40149	R	Hydrazine	1.55E-11	1.55E-11	1.59E-11	2.43E-11	2.74E-11	3.89E-11	4.55E-11	4.55E-11	0.00E+00	2.74E-11	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	Lead Compounds	1.89E-05	1.89E-05	3.10E-05	5.30E-05	7.07E-05	1.10E-04	1.58E-04	1.58E-04	0.00E+00	2.31E-06	0.00E+00	6.84E-05	0.00E+00
Oklahoma	Washita County	40149	R	Manganese Compounds	4.16E-07	4.16E-07	4.58E-07	5.87E-07	6.51E-07	8.43E-07	1.01E-06	1.01E-06	0.00E+00	1.84E-07	3.38E-07	1.29E-07	0.00E+00
Oklahoma	Washita County	40149	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	2.21E-07	2.11E-06	1.45E-06	1.50E-03
Oklahoma	Washita County	40149	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.50E-01
Oklahoma	Washita County	40149	R	Nickel Compounds	1.54E-06	1.54E-06	1.60E-06	2.12E-06	2.24E-06	2.89E-06	3.19E-06	3.19E-06	0.00E+00	1.26E-06	8.04E-07	1.83E-07	0.00E+00
Oklahoma	Washita County	40149	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	9.01E-04	0.00E+00	0.00E+00	1.40E-01
Oklahoma	Washita County	40149	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.84E-04	3.85E-04	3.85E-04	0.00E+00	3.33E-06	0.00E+00	0.00E+00	3.80E-04
Oklahoma	Washita County	40149	R	Polycyclic Organic Matter	7.57E-04	7.57E-04	8.12E-04	1.07E-03	1.13E-03	1.46E-03	1.64E-03	1.64E-03	0.00E+00	6.52E-04	4.03E-04	7.98E-05	0.00E+00
Oklahoma	Washita County	40149	R	7-PAH	3.67E-05	3.67E-05	3.85E-05	4.75E-05	4.95E-05	6.06E-05	6.65E-05	6.65E-05	0.00E+00	4.58E-05	2.98E-06	7.98E-07	0.00E+00
Oklahoma	Washita County	40149	R	Propylene Dichloride	3.48E-07	3.48E-07	3.92E-07	5.13E-07	1.42E-06	2.46E-06	4.32E-06	4.32E-06	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	Quinoline	2.00E-10	2.00E-10	2.22E-10	3.45E-10	3.59E-10	4.97E-10	5.47E-10	5.47E-10	0.00E+00	3.59E-10	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	1,1,2,2-Tetrachloroethane	2.94E-06	2.94E-06	3.18E-06	4.21E-06	1.26E-05	2.20E-05	3.89E-05	3.89E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Washita County	40149	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	3.00E-07	1.43E-04	0.00E+00	0.00E+00	8.10E-02
Oklahoma	Washita County	40149	R	Vinyl Chloride	7.25E-06	7.25E-06	7.85E-06	1.04E-05	3.10E-05	5.41E-05	9.59E-05	9.59E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Woods County	40151	U	Acetaldehyde	3.84E-02	3.84E-02	3.84E-02	1.29E-01	1.37E+00	3.93E+00	3.93E+00	3.93E+00	0.00E+00	1.35E+00	6.18E-03	1.42E-02	0.00E+00
Oklahoma	Woods County	40151	U	Acrolein	2.61E-03	2.61E-03	2.61E-03	3.90E-03	5.00E-03	8.49E-03	8.49E-03	8.49E-03	0.00E+00	3.68E-03	7.39E-04	5.84E-04	0.00E+00
Oklahoma	Woods County	40151	U	Acrylonitrile	2.84E-06	2.84E-06	2.84E-06	1.34E-05	1.00E-05	1.39E-05	1.39E-05	1.39E-05	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
Oklahoma	Woods County	40151	U	Arsenic Compounds	3.12E-06	3.12E-06	3.12E-06	7.63E-06	9.72E-06	1.84E-05	1.84E-05	1.84E-05	0.00E+00	6.35E-06	1.14E-06	2.22E-06	0.00E+00
Oklahoma	Woods County	40151	U	Benzene	5.03E-01	5.03E-01	5.03E-01	5.16E-01	5.30E-01	5.71E-01	5.71E-01	5.71E-01	2.63E-03	2.72E-02	1.43E-02	5.93E-03	4.80E-01
Oklahoma	Woods County	40151	U	Benzidine													

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

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	
Oklahoma	Woods County	40151	U	Chromium VI	8.92E-07	8.92E-07	8.92E-07	1.66E-06	3.59E-06	8.21E-06	8.21E-06	8.21E-06	0.00E+00	3.19E-06	3.33E-07	6.64E-08	0.00E+00	
Oklahoma	Woods County	40151	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
Oklahoma	Woods County	40151	U	1,4-Dichlorobenzene	2.80E-04	2.80E-04	2.80E-04	2.89E-04	1.13E-03	2.81E-03	2.81E-03	2.81E-03	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woods County	40151	U	1,3-Dichloropropene	5.55E-04	5.55E-04	5.55E-04	5.77E-04	2.29E-03	5.74E-03	5.74E-03	5.74E-03	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woods County	40151	U	Ethylene Dichloride	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	3.07E-09	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Woods County	40151	U	Ethylene Dibromide	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-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Woods County	40151	U	Ethylene Oxide	5.42E-06	5.42E-06	5.42E-06	1.11E-05	5.00E-05	1.33E-04	1.33E-04	1.33E-04	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woods County	40151	U	Formaldehyde	2.97E-01	2.97E-01	2.97E-01	2.99E-01	5.14E-01	9.47E-01	9.47E-01	9.47E-01	0.00E+00	2.38E-01	6.85E-03	1.93E-02	2.50E-01	
Oklahoma	Woods County	40151	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	1.12E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Woods County	40151	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	8.14E-09	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Woods County	40151	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	
Oklahoma	Woods County	40151	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-15	9.57E-15	9.57E-15	9.57E-15	0.00E+00	3.19E-15	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woods County	40151	U	Lead Compounds	7.18E-05	7.18E-05	7.18E-05	3.56E-04	4.12E-04	8.10E-04	8.10E-04	8.10E-04	0.00E+00	1.46E-04	0.00E+00	2.66E-04	0.00E+00	
Oklahoma	Woods County	40151	U	Manganese Compounds	1.40E-06	1.40E-06	1.40E-06	3.06E-06	5.52E-06	1.21E-05	1.21E-05	1.21E-05	0.00E+00	5.00E-06	2.93E-07	2.19E-07	0.00E+00	
Oklahoma	Woods County	40151	U	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	3.55E-07	1.20E-06	2.55E-06	1.50E-03	
Oklahoma	Woods County	40151	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.55E-01	1.62E-01	1.62E-01	1.62E-01	0.00E+00	4.85E-03	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Woods County	40151	U	Nickel Compounds	5.24E-06	5.24E-06	5.24E-06	1.26E-05	2.29E-05	5.09E-05	5.09E-05	5.09E-05	0.00E+00	2.19E-05	6.03E-07	3.89E-07	0.00E+00	
Oklahoma	Woods County	40151	U	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	1.14E-03	0.00E+00	0.00E+00	1.40E-01	
Oklahoma	Woods County	40151	U	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.86E-04	3.87E-04	3.93E-04	3.93E-04	3.93E-04	0.00E+00	7.07E-06	0.00E+00	0.00E+00	3.80E-04	
Oklahoma	Woods County	40151	U	Polycyclic Organic Matter	8.98E-04	8.98E-04	8.98E-04	1.92E-03	2.70E-03	5.28E-03	5.28E-03	5.28E-03	0.00E+00	2.08E-03	3.45E-04	2.77E-04	0.00E+00	
Oklahoma	Woods County	40151	U	7-PAH	7.98E-05	7.98E-05	7.98E-05	1.24E-04	1.79E-04	3.35E-04	3.35E-04	3.35E-04	0.00E+00	1.75E-04	1.82E-06	2.45E-06	0.00E+00	
Oklahoma	Woods County	40151	U	Propylene Dichloride	1.39E-07	1.39E-07	1.39E-07	4.46E-07	4.67E-07	8.16E-07	8.16E-07	8.16E-07	0.00E+00	4.67E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woods County	40151	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-14	1.90E-13	1.90E-13	1.90E-13	0.00E+00	6.32E-14	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woods County	40151	U	1,1,2,2-Tetrachloroethane	9.25E-07	9.25E-07	9.25E-07	9.87E-07	3.06E-06	7.27E-06	7.27E-06	7.27E-06	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woods County	40151	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.15E-02	8.24E-02	8.24E-02	8.24E-02	0.00E+00	5.19E-04	0.00E+00	0.00E+00	8.10E-02	
Oklahoma	Woods County	40151	U	Vinyl Chloride	2.35E-06	2.35E-06	2.35E-06	2.44E-06	1.79E-05	1.79E-05	1.79E-05	1.79E-05	0.00E+00	7.56E-06	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woodward County	40153	U	Acetaldehyde	6.36E-02	6.36E-02	6.66E-02	1.27E-01	3.40E-01	1.53E-01	1.29E+00	1.29E+00	0.00E+00	3.07E-01	2.18E-02	1.05E-02	0.00E+00	
Oklahoma	Woodward County	40153	U	Acrolein	8.60E-03	8.60E-03	1.12E-02	1.14E-02	1.22E-02	1.26E-02	1.73E-02	1.73E-02	0.00E+00	7.36E-03	3.74E-03	1.12E-03	0.00E+00	
Oklahoma	Woodward County	40153	U	Acrylonitrile	1.83E-05	1.83E-05	3.91E-05	4.02E-05	4.39E-05	5.83E-05	6.35E-05	6.35E-05	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woodward County	40153	U	Arsenic Compounds	4.49E-06	4.49E-06	4.60E-06	1.29E-05	9.95E-06	1.34E-05	1.43E-05	1.43E-05	0.00E+00	1.42E-06	6.09E-06	2.45E-06	0.00E+00	
Oklahoma	Woodward County	40153	U	Benzene	5.23E-01	5.23E-01	5.43E-01	6.70E-01	6.20E-01	6.73E-01	6.92E-01	6.92E-01	1.28E-03	6.17E-02	6.49E-02	1.24E-02	4.80E-01	
Oklahoma	Woodward County	40153	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	
Oklahoma	Woodward County	40153	U	Beryllium Compounds	6.84E-07	6.84E-07	1.23E-06	1.37E-06	2.00E-06	3.13E-06	3.61E-06	3.61E-06	0.00E+00	2.84E-07	0.00E+00	1.72E-06	0.00E+00	
Oklahoma	Woodward County	40153	U	1,3-Butadiene	3.91E-03	3.91E-03	5.36E-03	1.36E-02	1.06E-02	1.41E-02	1.60E-02	1.60E-02	0.00E+00	2.34E-03	6.87E-03	1.37E-03	0.00E+00	
Oklahoma	Woodward County	40153	U	Cadmium Compounds	1.53E-06	1.53E-06	2.23E-06	2.49E-06	2.89E-06	3.97E-06	4.22E-06	4.22E-06	0.00E+00	1.17E-06	0.00E+00	1.72E-06	0.00E+00	
Oklahoma	Woodward County	40153	U	Carbon Disulfide	4.71E-02	4.71E-02	4.74E-02	4.84E-02	4.83E-02	4.87E-02	4.98E-02	4.98E-02	0.00E+00	1.30E-03	0.00E+00	0.00E+00	4.70E-02	
Oklahoma	Woodward County	40153	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.22E-05	0.00E+00	0.00E+00	8.80E-01	
Oklahoma	Woodward County	40153	U	Chloroform	8.33E-02	8.33E-02	8.38E-02	8.60E-02	8.51E-02	8.62E-02	8.62E-02	8.62E-02	0.00E+00	2.11E-03	0.00E+00	0.00E+00	8.30E-02	
Oklahoma	Woodward County	40153	U	Chromium Compounds (includes Hexavalent)	2.41E-06	2.41E-06	8.24E-06	9.00E-06	8.96E-06	9.13E-06	1.60E-05	1.60E-05	0.00E+00	4.06E-06	4.33E-06	5.74E-07	0.00E+00	
Oklahoma	Woodward County	40153	U	Chromium VI	9.89E-07	9.89E-07	1.34E-06	3.40E-06	2.65E-06	3.69E-06	3.84E-06	3.84E-06	0.00E+00	7.03E-07	1.75E-06	1.95E-07	0.00E+00	
Oklahoma	Woodward County	40153	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	
Oklahoma	Woodward County	40153	U	1,4-Dichlorobenzene	5.53E-04	5.53E-04	1.24E-03	5.68E-03	3.90E-03	5.78E-03	6.23E-03	6.23E-03	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woodward County	40153	U	1,3-Dichloropropene	1.09E-03	1.09E-03	2.49E-03	1.15E-02	7.92E-03	1.18E-02	1.27E-02	1.27E-02	0.00E+00	7.92E-03	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woodward County	40153	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	3.05E-07	0.00E+00	0.00E+00	7.70E-03	
Oklahoma	Woodward County	40153	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	9.72E-06	0.00E+00	0.00E+00	6.10E-02	
Oklahoma	Woodward County	40153	U	Ethylene Oxide	1.48E-05	1.48E-05	4.20E-05	1.36E-04	1.39E-04	1.55E-04	3.46E-04	3.46E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woodward County	40153	U	Formaldehyde	3.31E-01	3.31E-01	3.36E-01	3.37E-01	3.98E-01	3.79E-01	6.04E-01	6.04E-01	0.00E+00	1.02E-01	2.86E-02	1.74E-02	2.50E-01	
Oklahoma	Woodward County	40153	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.13E-07	0.00E+00	0.00E+00	9.30E-05	
Oklahoma	Woodward County	40153	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	2.63E-08	0.00E+00	0.00E+00	1.80E-03	
Oklahoma	Woodward County	40153	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	
Oklahoma	Woodward County	40153	U	Hydrazine	2.04E-09	2.04E-09	1.96E-08	1.16E-07	1.15E-07	1.43E-07	2.97E-07	2.97E-07	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00	
Oklahoma	Woodward County	40153	U	Lead Compounds	2.84E-05	2.84E-05	5.41E-05	5.92E-05	6.73E-05	8.07E-05	1.14E-04	1.14E-04	0.00E+00	2.90E-05	0.00E+00	3.83E-05	0.00E+00	
Oklahoma	Woodward County	40153	U	Manganese Compounds	2.01E-06	2.01E-06	2.19E-06	5.96E-06	4.99E-06	7.33E-06	7.46E-06	7.46E-06	0.00E+00	3.24E-06	1.39E-06	3.52E-07	0.00E+00	
Oklahoma	Woodward County	40153	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	5.01E-06	6.63E-06	3.96E-06	1.50E-03	
Oklahoma	Woodward County	40153	U	Methylene Chloride	1.52E-01	1.52E-01	1.57E-01	1.68E-01	1.65E-01	1.72E-01	1.78E-01	1.78E-01	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.50E-01	
Oklahoma	Woodward County	40153	U	Nickel Compounds	7.77E-06	7.77E-06	7.84E-06	2.15E-05	1.96E-05	3.28E-05	3.28E-05	3.28E-05	0.00E+00	1.57E-05	3.16E-06	7.46E-07	0.00E+00	
Oklahoma	Woodward																	

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

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
Oklahoma	Woodward County	40153	U	Vinyl Chloride	1.29E-05	1.29E-05	2.42E-05	2.91E-05	3.11E-05	3.91E-05	5.02E-05	5.02E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00