US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Missouri: For Review Only

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

See www.epa.gov/ttn/chief/net/index.html#1999 for more information on the draft 1999 NEI for HAPs.

Please also note:

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

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Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Missouri	Statewide	N/A	N/A	Acetaldehyde	2.75E-02	3.50E-02	7.16E-02	2.56E-01	4.89E-01	8.08E-01	1.21E+00	1.50E+00	2.00E-03	3.54E-02	3.70E-01	8.12E-02	0.00E+00
Missouri	Statewide	N/A	N/A	Acrolein	5.46E-03	8.02E-03	1.42E-02	4.52E-02	7.66E-02	1.19E-01	1.95E-01	2.24E-01	6.53E-03	7.31E-03	4.95E-02	1.33E-02	0.00E+00
Missouri	Statewide	N/A	N/A	Acrylonitrile	1.47E-05	2.31E-05	7.08E-05	4.85E-04	1.03E-03	1.42E-03	2.08E-03	2.73E-03	6.20E-04	4.09E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	Arsenic Compounds	5.28E-06	7.24E-06	2.24E-05	7.04E-05	1.60E-04	1.86E-04	3.70E-04	5.29E-04	6.57E-05	2.87E-05	5.20E-05	1.33E-05	0.00E+00
Missouri	Statewide	N/A	N/A	Benzene	5.29E-01	5.54E-01	6.51E-01	1.11E+00	1.35E+00	1.83E+00	2.37E+00	2.84E+00	1.91E-02	1.15E-01	6.20E-01	1.17E-01	4.80E-01
Missouri	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-07	2.18E-08	4.24E-07	1.32E-06	4.04E-11	4.77E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	Beryllium Compounds	1.88E-07	3.91E-07	1.36E-06	4.96E-06	9.38E-06	1.26E-05	2.15E-05	3.12E-05	9.16E-07	6.70E-06	0.00E+00	1.77E-06	0.00E+00
Missouri	Statewide	N/A	N/A	1,3-Butadiene	2.20E-03	2.98E-03	8.30E-03	3.68E-02	5.94E-02	8.08E-02	1.42E-01	2.04E-01	1.25E-03	5.01E-04	4.70E-02	1.07E-02	0.00E+00
Missouri	Statewide	N/A	N/A	Cadmium Compounds	4.50E-07	8.03E-07	3.03E-06	1.26E-05	2.65E-01	7.75E-02	6.81E-01	1.42E+00	2.65E-01	1.99E-05	0.00E+00	2.33E-06	0.00E+00
Missouri	Statewide	N/A	N/A	Carbon Disulfide	4.71E-02	4.71E-02	4.74E-02	4.84E-02	5.01E-02	5.01E-02	5.28E-02	5.67E-02	3.88E-04	2.71E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	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	1.20E-05	3.67E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Statewide	N/A	N/A	Chloroform	8.35E-02	8.39E-02	8.55E-02	1.01E-01	1.22E-01	1.30E-01	1.82E-01	2.31E-01	1.07E-02	2.83E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	4.12E-06	9.70E-06	4.61E-05	2.99E-04	9.65E-04	9.30E-04	1.97E-03	2.83E-03	2.90E-04	6.26E-04	4.54E-05	3.88E-06	0.00E+00
Missouri	Statewide	N/A	N/A	Chromium VI	1.46E-06	3.23E-06	1.69E-05	9.80E-05	3.30E-04	2.88E-04	6.19E-04	9.20E-04	8.43E-05	2.26E-04	1.82E-05	1.32E-06	0.00E+00
Missouri	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02	2.07E-02	9.64E-02	1.88E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	1,4-Dichlorobenzene	9.84E-04	1.43E-03	4.15E-03	2.24E-02	4.63E-02	5.54E-02	1.16E-01	1.89E-01	1.84E-02	2.79E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	1,3-Dichloropropene	1.90E-03	2.81E-03	7.91E-03	4.40E-02	5.49E-02	9.10E-02	1.24E-01	1.49E-01	0.00E+00	5.49E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	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	2.66E-07	4.63E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	5.25E-05	6.66E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Statewide	N/A	N/A	Ethylene Oxide	1.44E-05	2.60E-05	1.45E-04	1.00E-03	2.62E-03	3.15E-03	5.83E-03	8.13E-03	5.14E-05	2.57E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	Formaldehyde	2.90E-01	3.00E-01	3.54E-01	5.76E-01	7.81E-01	1.08E+00	1.47E+00	1.73E+00	2.56E-02	2.36E-02	3.39E-01	1.43E-01	2.50E-01
Missouri	Statewide	N/A	N/A	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.37E-05	9.39E-05	0.00E+00	2.92E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	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	1.78E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	2.68E-05	1.63E-04	1.08E-04	2.87E-04	4.92E-04	1.31E-04	3.21E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	Hydrazine	1.57E-11	7.84E-11	6.16E-10	5.75E-08	4.76E-06	1.12E-06	7.39E-06	1.61E-05	0.00E+00	4.76E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	Lead Compounds	2.36E-05	4.43E-05	2.20E-04	1.26E-03	2.42E-02	3.11E-02	7.64E-02	9.43E-02	2.20E-02	1.32E-03	0.00E+00	8.61E-04	0.00E+00
Missouri	Statewide	N/A	N/A	Manganese Compounds	5.73E-06	1.78E-05	7.24E-05	6.85E-04	2.27E-03	2.14E-03	5.50E-03	1.04E-02	8.28E-04	1.42E-03	1.46E-05	6.47E-06	0.00E+00
Missouri	Statewide	N/A	N/A	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.56E-03	1.61E-03	1.64E-03	1.77E-03	1.90E-03	6.13E-06	4.40E-05	4.99E-05	1.42E-05	1.50E-03
Missouri	Statewide	N/A	N/A	Methylene Chloride	1.54E-01	1.57E-01	1.75E-01	2.74E-01	3.67E-01	4.51E-01	5.99E-01	7.65E-01	9.31E-02	1.24E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Statewide	N/A	N/A	Nickel Compounds	8.75E-06	1.59E-05	8.37E-05	3.26E-04	1.10E-03	1.05E-03	2.26E-03	3.62E-03	2.19E-04	7.19E-04	3.37E-05	1.29E-04	0.00E+00
Missouri	Statewide	N/A	N/A	Perchloroethylene	1.41E-01	1.42E-01	1.47E-01	1.80E-01	2.32E-01	2.58E-01	3.38E-01	4.16E-01	1.82E-02	7.40E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.85E-04	3.86E-04	3.88E-04	3.95E-04	4.11E-04	4.18E-04	4.58E-04	4.90E-04	2.07E-09	3.09E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Statewide	N/A	N/A	Polycyclic Organic Matter	2.89E-03	4.40E-03	1.05E-02	3.87E-02	1.28E-01	9.96E-02	2.41E-01	4.00E-01	7.44E-02	3.59E-02	1.46E-02	3.45E-03	0.00E+00
Missouri	Statewide	N/A	N/A	7-PAH	1.62E-04	2.55E-04	4.74E-04	1.01E-03	1.43E-03	1.92E-03	2.77E-03	3.64E-03	6.13E-05	1.23E-03	9.42E-05	4.09E-05	0.00E+00
Missouri	Statewide	N/A	N/A	Propylene Dichloride	7.19E-07	1.18E-06	3.67E-06	2.48E-05	4.87E-05	6.61E-05	9.10E-05	1.20E-04	2.55E-05	2.32E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	Quinoline	4.60E-10	2.07E-09	1.10E-08	4.20E-08	4.02E-07	1.69E-07	7.64E-07	1.64E-06	0.00E+00	4.02E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	2.82E-06	4.84E-06	1.74E-05	1.89E-04	3.91E-04	5.22E-04	7.30E-04	9.65E-04	2.32E-04	1.59E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Statewide	N/A	N/A	Trichloroethylene	8.13E-02	8.16E-02	8.44E-02	1.01E-01	1.91E-01	1.91E-01	3.67E-01	4.78E-01	6.96E-02	4.01E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Statewide	N/A	N/A	Vinyl Chloride	1.11E-05	2.14E-05	7.71E-05	4.93E-04	1.05E-03	1.27E-03	1.95E-03	2.63E-03	6.54E-04	3.99E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Acetaldehyde	5.61E-02	8.39E-02	1.95E-01	5.28E-01	6.40E-01	9.44E-01	1.32E+00	1.60E+00	2.11E-03	4.56E-02	4.88E-01	1.04E-01	0.00E+00
Missouri	All Urban Counties	N/A	U	Acrolein	1.11E-02	1.53E-02	3.68E-02	8.84E-02	9.95E-02	1.52E-01	2.12E-01	2.33E-01	8.77E-03	8.61E-03	6.48E-02	1.73E-02	0.00E+00
Missouri	All Urban Counties	N/A	U	Acrylonitrile	4.58E-05	8.75E-05	2.60E-04	1.16E-03	1.36E-03	1.60E-03	2.39E-03	3.14E-03	8.38E-04	5.21E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Arsenic Compounds	1.50E-05	2.48E-05	5.44E-05	1.06E-04	1.79E-04	2.36E-04	4.06E-04	5.54E-04	5.70E-05	3.80E-05	6.74E-05	1.68E-05	0.00E+00
Missouri	All Urban Counties	N/A	U	Benzene	6.04E-01	7.00E-01	9.80E-01	1.48E+00	1.60E+00	2.03E+00	2.53E+00	3.16E+00	2.56E-02	1.44E-01	8.06E-01	1.49E-01	4.80E-01
Missouri	All Urban Counties	N/A	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-07	7.88E-08	7.01E-07	2.08E-06	1.75E-11	6.44E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Beryllium Compounds	8.03E-07	1.47E-06	3.79E-06	8.38E-06	1.23E-05	1.51E-05	2.51E-05	3.34E-05	1.19E-06	8.90E-06	0.00E+00	2.19E-06	0.00E+00
Missouri	All Urban Counties	N/A	U	1,3-Butadiene	4.65E-03	9.49E-03	2.65E-02	5.64E-02	7.72E-02	1.01E-01	1.63E-01	2.39E-01	1.67E-03	4.15E-04	6.13E-02	1.38E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	All Urban Counties	N/A	U	Cadmium Compounds	1.50E-06	3.04E-06	7.77E-06	2.76E-05	3.59E-01	1.91E-01	9.14E-01	1.75E+00	3.59E-01	2.65E-05	0.00E+00	2.93E-06	0.00E+00
Missouri	All Urban Counties	N/A	U	Carbon Disulfide	4.72E-02	4.74E-02	4.79E-02	4.90E-02	5.08E-02	5.08E-02	5.39E-02	5.87E-02	2.03E-04	3.56E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	All Urban Counties	N/A	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	1.55E-05	4.77E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	All Urban Counties	N/A	U	Chloroform	8.49E-02	8.68E-02	9.52E-02	1.14E-01	1.35E-01	1.41E-01	1.99E-01	2.58E-01	1.44E-02	3.74E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	1.63E-05	4.15E-05	1.54E-04	4.91E-04	1.01E-03	1.16E-03	2.16E-03	2.98E-03	1.69E-04	7.79E-04	5.95E-05	5.06E-06	0.00E+00
Missouri	All Urban Counties	N/A	U	Chromium VI	6.11E-06	1.29E-05	4.87E-05	1.45E-04	3.28E-04	3.46E-04	6.50E-04	9.92E-04	3.83E-05	2.64E-04	2.38E-05	1.72E-06	0.00E+00
Missouri	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	4.63E-02	1.36E-01	2.18E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	1,4-Dichlorobenzene	2.78E-03	5.44E-03	1.62E-02	3.47E-02	6.12E-02	6.70E-02	1.40E-01	2.17E-01	2.49E-02	3.64E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	1,3-Dichloropropene	5.36E-03	1.08E-02	3.09E-02	6.49E-02	7.15E-02	1.03E-01	1.35E-01	1.59E-01	0.00E+00	7.15E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	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	3.59E-07	6.05E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	7.09E-05	7.92E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	All Urban Counties	N/A	U	Ethylene Oxide	7.44E-05	1.80E-04	6.16E-04	1.82E-03	3.46E-03	4.00E-03	6.69E-03	9.25E-03	4.28E-05	3.41E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Formaldehyde	3.31E-01	3.72E-01	5.04E-01	8.47E-01	9.38E-01	1.24E+00	1.57E+00	1.82E+00	3.21E-02	2.65E-02	4.45E-01	1.85E-01	2.50E-01
Missouri	All Urban Counties	N/A	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.36E-05	9.39E-05	0.00E+00	2.82E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	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	2.30E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	6.88E-07	6.77E-05	2.15E-04	1.42E-04	3.83E-04	5.42E-04	1.77E-04	3.82E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Hydrazine	2.12E-10	7.33E-10	2.79E-08	2.61E-07	6.43E-06	2.38E-06	1.09E-05	2.11E-05	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Lead Compounds	9.93E-05	2.13E-04	6.76E-04	2.52E-03	3.17E-02	6.15E-02	8.36E-02	1.02E-01	2.89E-02	1.72E-03	0.00E+00	1.13E-03	0.00E+00
Missouri	All Urban Counties	N/A	U	Manganese Compounds	3.11E-05	6.30E-05	3.46E-04	1.26E-03	2.80E-03	2.73E-03	7.11E-03	1.17E-02	1.10E-03	1.67E-03	1.91E-05	8.48E-06	0.00E+00
Missouri	All Urban Counties	N/A	U	Mercury Compounds	1.51E-03	1.52E-03	1.55E-03	1.59E-03	1.65E-03	1.70E-03	1.82E-03	1.98E-03	7.60E-06	5.87E-05	6.42E-05	1.80E-05	1.50E-03
Missouri	All Urban Counties	N/A	U	Methylene Chloride	1.67E-01	1.84E-01	2.38E-01	3.58E-01	4.34E-01	4.96E-01	6.61E-01	8.34E-01	1.24E-01	1.60E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	All Urban Counties	N/A	U	Nickel Compounds	3.32E-05	7.36E-05	1.94E-04	5.57E-04	1.22E-03	1.30E-03	2.51E-03	3.71E-03	1.24E-04	8.82E-04	4.41E-05	1.70E-04	0.00E+00
Missouri	All Urban Counties	N/A	U	Perchloroethylene	1.45E-01	1.50E-01	1.68E-01	2.16E-01	2.62E-01	2.78E-01	3.73E-01	4.89E-01	2.36E-02	9.79E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	3.96E-04	4.10E-04	4.18E-04	4.56E-04	4.83E-04	2.74E-09	3.00E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	All Urban Counties	N/A	U	Polycyclic Organic Matter	7.59E-03	1.31E-02	3.14E-02	6.26E-02	1.70E-01	1.36E-01	2.92E-01	5.08E-01	9.98E-02	4.63E-02	1.92E-02	4.53E-03	0.00E+00
Missouri	All Urban Counties	N/A	U	7-PAH	3.40E-04	4.78E-04	8.18E-04	1.30E-03	1.77E-03	2.32E-03	2.96E-03	4.25E-03	7.18E-05	1.52E-03	1.23E-04	5.25E-05	0.00E+00
Missouri	All Urban Counties	N/A	U	Propylene Dichloride	2.36E-06	4.17E-06	1.52E-05	4.42E-05	6.40E-05	7.21E-05	1.02E-04	1.39E-04	3.44E-05	2.96E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Quinoline	5.77E-09	1.35E-08	3.10E-08	6.39E-08	5.34E-07	2.93E-07	1.12E-06	2.14E-06	0.00E+00	5.34E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	6.84E-06	1.68E-05	9.41E-05	3.71E-04	5.15E-04	5.80E-04	8.29E-04	1.07E-03	3.13E-04	2.02E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	All Urban Counties	N/A	U	Trichloroethylene	8.24E-02	8.45E-02	9.42E-02	1.28E-01	2.27E-01	2.59E-01	4.28E-01	5.32E-01	9.31E-02	5.32E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	All Urban Counties	N/A	U	Vinyl Chloride	3.84E-05	8.85E-05	3.20E-04	9.03E-04	1.38E-03	1.47E-03	2.22E-03	3.22E-03	8.81E-04	5.02E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Acetaldehyde	1.77E-02	2.19E-02	3.06E-02	4.56E-02	5.71E-02	7.31E-02	1.15E-01	1.40E-01	1.70E-03	6.31E-03	3.37E-02	1.53E-02	0.00E+00
Missouri	All Rural Counties	N/A	R	Acrolein	3.56E-03	4.32E-03	6.87E-03	9.94E-03	1.14E-02	1.51E-02	2.02E-02	2.31E-02	1.34E-04	3.62E-03	5.91E-03	1.76E-03	0.00E+00
Missouri	All Rural Counties	N/A	R	Acrylonitrile	6.36E-06	9.57E-06	1.85E-05	3.61E-05	8.82E-05	7.68E-05	1.62E-04	3.48E-04	5.09E-07	8.77E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Arsenic Compounds	3.50E-06	4.07E-06	6.38E-06	1.08E-05	1.04E-04	2.47E-05	4.68E-05	1.03E-04	9.08E-05	2.08E-06	8.06E-06	3.29E-06	0.00E+00
Missouri	All Rural Counties	N/A	R	Benzene	5.12E-01	5.20E-01	5.42E-01	5.80E-01	6.29E-01	6.63E-01	8.24E-01	9.12E-01	8.50E-04	3.38E-02	8.76E-02	2.64E-02	4.80E-01
Missouri	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-10	0.00E+00	0.00E+00	0.00E+00	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Beryllium Compounds	7.80E-08	1.27E-07	2.41E-07	6.57E-07	1.10E-06	1.48E-06	2.61E-06	3.52E-06	1.26E-07	4.22E-07	0.00E+00	5.53E-07	0.00E+00
Missouri	All Rural Counties	N/A	R	1,3-Butadiene	1.29E-03	1.62E-03	2.63E-03	4.23E-03	8.63E-03	9.86E-03	2.37E-02	3.15E-02	6.45E-05	7.47E-04	6.18E-03	1.64E-03	0.00E+00
Missouri	All Rural Counties	N/A	R	Cadmium Compounds	2.26E-07	3.18E-07	6.13E-07	1.50E-06	2.83E-05	4.24E-06	3.35E-05	8.33E-05	2.68E-05	9.95E-07	0.00E+00	5.95E-07	0.00E+00
Missouri	All Rural Counties	N/A	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.82E-02	4.75E-02	4.80E-02	4.87E-02	9.15E-04	2.93E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.92E-06	5.66E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	All Rural Counties	N/A	R	Chloroform	8.33E-02	8.34E-02	8.37E-02	8.42E-02	8.52E-02	8.54E-02	8.84E-02	9.13E-02	1.41E-05	2.22E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	1.76E-06	2.73E-06	7.30E-06	2.59E-05	8.28E-04	1.10E-04	6.31E-04	1.52E-03	6.33E-04	1.88E-04	5.30E-06	5.25E-07	0.00E+00
Missouri	All Rural Counties	N/A	R	Chromium VI	6.45E-07	9.39E-07	2.50E-06	8.71E-06	3.35E-04	3.96E-05	2.55E-04	6.66E-04	2.15E-04	1.18E-04	2.12E-06	1.79E-07	0.00E+00
Missouri	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	1,4-Dichlorobenzene	6.45E-04	7.89E-04	1.13E-03	2.04E-03	3.91E-03	4.25E-03	1.07E-02	1.44E-02	3.10E-08	3.91E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	1,3-Dichloropropene	1.24E-03	1.53E-03	2.18E-03	3.96E-03	7.79E-03	8.40E-03	2.17E-02	2.92E-02	0.00E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	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	2.04E-09	5.85E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	All Rural Counties	N/A	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	3.52E-07	3.07E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	All Rural Counties	N/A	R	Ethylene Oxide	5.96E-06	8.52E-06	1.87E-05	5.01E-05	2.39E-04	1.76E-04	5.47E-04	9.55E-04	7.59E-05	1.64E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Formaldehyde	2.79E-01	2.85E-01	2.95E-01	3.15E-01	3.36E-01	3.56E-01	4.22E-01	4.68E-01	7.27E-03	1.54E-02	3.91E-02	2.40E-02	2.50E-01
Missouri	All Rural Counties	N/A	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.38E-05	9.41E-05	0.00E+00	3.21E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	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	3.02E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	4.77E-06	3.96E-05	1.29E-07	1.46E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Hydrazine	3.17E-12	9.35E-12	5.66E-11	2.14E-10	6.66E-09	1.18E-09	6.10E-09	1.96E-08	0.00E+00	6.66E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Lead Compounds	8.79E-06	1.34E-05	2.98E-05	1.13E-04	2.59E-03	3.41E-04	1.47E-03	1.29E-02	2.31E-03	1.87E-04	0.00E+00	9.11E-05	0.00E+00
Missouri	All Rural Counties	N/A	R	Manganese Compounds	1.72E-06	2.99E-06	1.09E-05	4.21E-05	7.54E-04	1.47E-04	6.03E-04	2.65E-03	4.50E-05	7.06E-04	1.70E-06	7.45E-07	0.00E+00
Missouri	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.54E-03	1.55E-03	1.96E-06	1.95E-06	9.10E-06	3.42E-06	1.50E-03
Missouri	All Rural Counties	N/A	R	Methylene Chloride	1.52E-01	1.53E-01	1.55E-01	1.60E-01	1.77E-01	1.76E-01	2.21E-01	2.46E-01	5.86E-03	2.09E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	All Rural Counties	N/A	R	Nickel Compounds	4.45E-06	5.79E-06	1.15E-05	3.55E-05	7.55E-04	1.51E-04	4.49E-04	3.22E-03	4.88E-04	2.53E-04	3.98E-06	1.01E-05	0.00E+00
Missouri	All Rural Counties	N/A	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.48E-01	1.47E-01	1.55E-01	1.64E-01	2.56E-03	5.65E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.85E-04	3.86E-04	3.89E-04	3.94E-04	4.13E-04	4.16E-04	4.77E-04	5.13E-04	1.66E-10	3.34E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	All Rural Counties	N/A	R	Polycyclic Organic Matter	1.90E-03	2.37E-03	3.63E-03	5.97E-03	1.04E-02	1.12E-02	2.21E-02	3.37E-02	2.17E-03	6.04E-03	1.78E-03	3.81E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	All Rural Counties	N/A	R	7-PAH	1.06E-04	1.36E-04	2.34E-04	3.56E-04	4.63E-04	5.81E-04	9.50E-04	1.21E-03	3.16E-05	4.11E-04	1.27E-05	7.87E-06	0.00E+00
Missouri	All Rural Counties	N/A	R	Propylene Dichloride	2.71E-07	4.65E-07	9.24E-07	1.97E-06	5.14E-06	4.17E-06	1.02E-05	1.95E-05	3.70E-07	4.77E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Quinoline	8.91E-11	2.99E-10	1.39E-09	4.94E-09	2.83E-08	1.47E-08	4.98E-08	9.72E-08	0.00E+00	2.83E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	9.89E-07	1.87E-06	4.48E-06	1.08E-05	3.56E-05	2.56E-05	6.49E-05	1.48E-04	2.14E-07	3.54E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	All Rural Counties	N/A	R	Trichloroethylene	8.12E-02	8.12E-02	8.14E-02	8.22E-02	8.66E-02	8.63E-02	9.38E-02	1.01E-01	2.68E-03	2.94E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	All Rural Counties	N/A	R	Vinyl Chloride	3.50E-06	6.35E-06	1.56E-05	3.53E-05	1.15E-04	9.38E-05	3.02E-04	4.59E-04	1.02E-05	1.04E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	Acetaldehyde	1.60E-02	1.60E-02	1.63E-02	4.28E-02	6.71E-02	1.17E-01	1.81E-01	1.81E-01	0.00E+00	2.30E-03	5.03E-02	1.45E-02	0.00E+00
Missouri	Adair County	29001	U	Acrolein	3.63E-03	3.63E-03	4.26E-03	1.14E-02	1.41E-02	2.41E-02	3.25E-02	3.25E-02	0.00E+00	4.40E-03	8.37E-03	1.32E-03	0.00E+00
Missouri	Adair County	29001	U	Acrylonitrile	1.78E-05	1.78E-05	3.84E-05	2.55E-04	2.02E-04	3.43E-04	3.73E-04	3.73E-04	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	Arsenic Compounds	3.87E-06	3.87E-06	4.03E-06	1.68E-05	3.10E-05	5.64E-05	9.48E-05	9.48E-05	0.00E+00	7.69E-06	1.76E-05	5.77E-06	0.00E+00
Missouri	Adair County	29001	U	Benzene	5.12E-01	5.12E-01	5.17E-01	6.51E-01	7.82E-01	1.08E+00	1.35E+00	1.35E+00	0.00E+00	2.99E-02	2.49E-01	2.24E-02	4.80E-01
Missouri	Adair County	29001	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
Missouri	Adair County	29001	U	Beryllium Compounds	2.45E-07	2.45E-07	5.35E-07	1.32E-06	2.60E-06	3.39E-06	9.91E-06	9.91E-06	0.00E+00	2.23E-06	0.00E+00	3.69E-07	0.00E+00
Missouri	Adair County	29001	U	1,3-Butadiene	1.46E-03	1.46E-03	1.69E-03	1.34E-02	2.84E-02	5.94E-02	9.04E-02	9.04E-02	0.00E+00	7.66E-04	2.54E-02	2.27E-03	0.00E+00
Missouri	Adair County	29001	U	Cadmium Compounds	4.06E-07	4.06E-07	6.36E-07	2.11E-06	4.15E-06	6.78E-06	1.45E-05	1.45E-05	0.00E+00	3.78E-06	0.00E+00	3.67E-07	0.00E+00
Missouri	Adair County	29001	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.74E-02	4.75E-02	4.80E-02	4.82E-02	4.82E-02	0.00E+00	5.25E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Adair County	29001	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	1.41E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Adair County	29001	U	Chloroform	8.50E-02	8.50E-02	8.52E-02	9.70E-02	1.11E-01	1.39E-01	1.72E-01	1.72E-01	0.00E+00	2.81E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Adair County	29001	U	Chromium Compounds (includes Hexavalent)	1.55E-06	1.55E-06	1.73E-06	9.44E-06	1.91E-05	3.58E-05	6.26E-05	6.26E-05	0.00E+00	5.17E-06	1.36E-05	3.68E-07	0.00E+00
Missouri	Adair County	29001	U	Chromium VI	6.30E-07	6.30E-07	7.17E-07	4.01E-06	8.19E-06	1.48E-05	2.75E-05	2.75E-05	0.00E+00	2.70E-06	5.36E-06	1.25E-07	0.00E+00
Missouri	Adair County	29001	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
Missouri	Adair County	29001	U	1,4-Dichlorobenzene	1.04E-03	1.04E-03	1.14E-03	7.33E-03	1.48E-02	2.96E-02	4.79E-02	4.79E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	1,3-Dichloropropene	2.06E-03	2.06E-03	2.23E-03	1.49E-02	3.02E-02	6.05E-02	9.82E-02	9.82E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	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	8.82E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Adair County	29001	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	2.01E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Adair County	29001	U	Ethylene Oxide	2.86E-05	2.86E-05	5.01E-05	4.38E-04	6.36E-04	9.17E-04	2.32E-03	2.32E-03	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	Formaldehyde	2.74E-01	2.74E-01	2.75E-01	3.30E-01	3.83E-01	4.97E-01	6.15E-01	6.15E-01	0.00E+00	1.07E-02	9.47E-02	2.75E-02	2.50E-01
Missouri	Adair County	29001	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.34E-05	9.36E-05	9.38E-05	9.38E-05	0.00E+00	3.95E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Adair County	29001	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	8.03E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Adair County	29001	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
Missouri	Adair County	29001	U	Hydrazine	9.02E-12	9.02E-12	1.16E-11	1.29E-11	1.43E-11	1.65E-11	2.38E-11	2.38E-11	0.00E+00	1.43E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	Lead Compounds	2.35E-05	2.35E-05	2.77E-05	6.25E-05	8.34E-05	1.56E-04	1.67E-04	1.67E-04	0.00E+00	5.49E-05	0.00E+00	2.86E-05	0.00E+00
Missouri	Adair County	29001	U	Manganese Compounds	1.25E-06	1.25E-06	1.49E-06	8.93E-06	1.77E-05	2.92E-05	6.16E-05	6.16E-05	0.00E+00	1.29E-05	4.32E-06	5.14E-07	0.00E+00
Missouri	Adair County	29001	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.52E-03	1.53E-03	1.56E-03	1.60E-03	1.60E-03	0.00E+00	1.01E-05	1.82E-05	5.23E-06	1.50E-03
Missouri	Adair County	29001	U	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.84E-01	2.29E-01	2.58E-01	4.84E-01	4.84E-01	0.00E+00	7.92E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Adair County	29001	U	Nickel Compounds	6.75E-06	6.75E-06	8.69E-06	6.54E-05	1.01E-04	1.94E-04	2.31E-04	2.31E-04	0.00E+00	9.04E-05	9.96E-06	8.37E-07	0.00E+00
Missouri	Adair County	29001	U	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.49E-01	1.52E-01	1.62E-01	1.67E-01	1.67E-01	0.00E+00	1.18E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Adair County	29001	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	4.18E-04	4.18E-04	4.47E-04	4.67E-04	4.67E-04	0.00E+00	3.83E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Adair County	29001	U	Polycyclic Organic Matter	1.90E-03	1.90E-03	2.14E-03	9.23E-03	1.61E-02	3.16E-02	4.65E-02	4.65E-02	0.00E+00	1.10E-02	4.68E-03	4.59E-04	0.00E+00
Missouri	Adair County	29001	U	7-PAH	9.38E-05	9.38E-05	1.15E-04	3.27E-04	3.58E-04	6.02E-04	6.58E-04	6.58E-04	0.00E+00	3.25E-04	2.89E-05	4.53E-06	0.00E+00
Missouri	Adair County	29001	U	Propylene Dichloride	9.73E-07	9.73E-07	2.20E-06	1.28E-05	1.08E-05	1.89E-05	2.17E-05	2.17E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	Quinoline	3.70E-10	3.70E-10	4.29E-10	4.61E-10	4.93E-10	5.45E-10	7.12E-10	7.12E-10	0.00E+00	4.93E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	1,1,2,2-Tetrachloroethane	7.87E-06	7.87E-06	1.90E-05	9.41E-05	8.72E-05	1.57E-04	1.90E-04	1.90E-04	0.00E+00	8.72E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Adair County	29001	U	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.54E-02	8.78E-02	9.42E-02	9.72E-02	9.72E-02	0.00E+00	6.81E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Adair County	29001	U	Vinyl Chloride	1.94E-05	1.94E-05	4.68E-05	2.32E-04	2.15E-04	3.87E-04	4.70E-04	4.70E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	Acetaldehyde	5.72E-02	5.72E-02	8.49E-02	1.40E-01	1.36E-01	1.86E-01	2.05E-01	2.05E-01	3.56E-02	7.13E-03	7.39E-02	1.91E-02	0.00E+00
Missouri	Andrew County	29003	R	Acrolein	9.89E-03	9.89E-03	1.13E-02	1.67E-02	1.74E-02	2.34E-02	2.61E-02	2.61E-02	4.74E-04	1.81E-03	1.32E-02	1.89E-03	0.00E+00
Missouri	Andrew County	29003	R	Acrylonitrile	1.11E-04	1.11E-04	1.30E-04	2.24E-04	2.69E-04	4.08E-04	5.17E-04	5.17E-04	6.94E-07	2.69E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	Arsenic Compounds	1.62E-05	1.62E-05	2.20E-05	3.21E-05	3.05E-05	3.90E-05	4.14E-05	4.14E-05	1.17E-05	1.68E-06	1.25E-05	4.60E-06	0.00E+00
Missouri	Andrew County	29003	R	Benzene	5.71E-01	5.71E-01	5.92E-01	6.67E-01	6.76E-01	7.60E-01	7.98E-01	7.98E-01	1.52E-03	2.79E-02	1.49E-01	1.72E-02	4.80E-01
Missouri	Andrew County	29003	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
Missouri	Andrew County	29003	R	Beryllium Compounds	8.74E-07	8.74E-07	1.74E-06	2.93E-06	2.59E-06	3.45E-06	3.65E-06	3.65E-06	3.38E-07	1.10E-06	0.00E+00	1.15E-06	0.00E+00
Missouri	Andrew County	29003	R	1,3-Butadiene	2.17E-03	2.17E-03	3.93E-03	8.09E-03	8.48E-03	1.30E-02	1.56E-02	1.56E-02	1.25E-04	1.79E-04	7.19E-03	9.89E-04	0.00E+00
Missouri	Andrew County	29003	R	Cadmium Compounds	6.78E-05	6.78E-05	7.32E-05	8.73E-05	9.51E-05	1.17E-04	1.38E-04	1.38E-04	9.31E-05	8.63E-07	0.00E+00	1.16E-06	0.00E+00
Missouri	Andrew County	29003	R	Carbon Disulfide	4.78E-02	4.78E-02	4.81E-02	4.84E-02	4.83E-02	4.85E-02	4.85E-02	4.85E-02	8.55E-04	4.46E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Andrew County	29003	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	6.73E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Andrew County	29003	R	Chloroform	8.54E-02	8.54E-02	8.54E-02	8.75E-02	8.82E-02	9.10E-02	9.25E-02	9.25E-02	8.89E-07	5.23E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Andrew County	29003	R	Chromium Compounds (includes Hexavalent)	2.55E-05	2.55E-05	3.73E-05	7.94E-05	7.38E-05	1.10E-04	1.11E-04	1.11E-04	4.27E-06	6.03E-05	8.74E-06	4.64E-07	0.00E+00
Missouri	Andrew County	29003	R	Chromium VI	8.44E-06	8.44E-06	1.25E-05	2.67E-05	2.48E-05	3.70E-05	3.71E-05	3.71E-05	4.71E-07	2.06E-05	3.50E-06	1.58E-07	0.00E+00
Missouri	Andrew County	29003	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
Missouri	Andrew County	29003	R	1,4-Dichlorobenzene	2.14E-03	2.14E-03	2.18E-03	4.57E-03	4.72E-03	7.26E-03	7.62E-03	7.62E-03	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	1,3-Dichloropropene	4.02E-03	4.02E-03	4.11E-03	8.84E-03	9.20E-03	1.43E-02	1.51E-02	1.51E-02	0.00E+00	9.20E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	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	1.89E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Andrew County	29003	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	7.21E-07	3.16E-05	0.00E+00	0.00E+00	6.10E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Andrew County	29003	R	Ethylene Oxide	5.41E-05	5.41E-05	6.51E-05	9.70E-05	1.48E-04	2.30E-04	3.43E-04	3.43E-04	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	Formaldehyde	3.28E-01	3.28E-01	3.67E-01	4.40E-01	4.30E-01	4.92E-01	5.10E-01	5.10E-01	7.14E-02	9.04E-03	6.81E-02	3.10E-02	2.50E-01
Missouri	Andrew County	29003	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	0.00E+00	2.31E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Andrew County	29003	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
Missouri	Andrew County	29003	R	Hexamethylene Diisocyanate	4.77E-06	4.77E-06	6.08E-06	9.05E-06	9.50E-06	1.29E-05	1.51E-05	1.51E-05	9.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	Hydrazine	1.18E-09	1.18E-09	1.19E-09	1.96E-09	3.40E-09	5.60E-09	8.49E-09	8.49E-09	0.00E+00	3.40E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	Lead Compounds	2.55E-04	2.55E-04	2.79E-04	3.51E-04	4.09E-04	5.38E-04	6.78E-04	6.78E-04	1.46E-05	3.08E-04	0.00E+00	8.63E-05	0.00E+00
Missouri	Andrew County	29003	R	Manganese Compounds	9.93E-05	9.93E-05	1.18E-04	1.87E-04	1.81E-04	2.43E-04	2.49E-04	2.49E-04	5.84E-05	1.19E-04	2.79E-06	5.28E-07	0.00E+00
Missouri	Andrew County	29003	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	2.17E-08	2.18E-06	1.36E-05	5.29E-06	1.50E-03
Missouri	Andrew County	29003	R	Methylene Chloride	1.59E-01	1.59E-01	1.59E-01	1.70E-01	1.70E-01	1.82E-01	1.83E-01	1.83E-01	9.12E-06	2.03E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Andrew County	29003	R	Nickel Compounds	6.86E-05	6.86E-05	8.40E-05	1.21E-04	1.17E-04	1.51E-04	1.59E-04	1.59E-04	9.60E-06	9.86E-05	6.58E-06	2.58E-06	0.00E+00
Missouri	Andrew County	29003	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.45E-01	1.46E-01	1.50E-01	1.53E-01	1.53E-01	7.31E-07	6.48E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Andrew County	29003	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	3.91E-04	3.97E-04	4.08E-04	4.21E-04	4.21E-04	0.00E+00	1.72E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Andrew County	29003	R	Polycyclic Organic Matter	5.37E-03	5.37E-03	6.06E-03	9.99E-03	1.03E-02	1.45E-02	1.57E-02	1.57E-02	8.24E-05	6.79E-03	2.93E-03	4.52E-04	0.00E+00
Missouri	Andrew County	29003	R	7-PAH	2.01E-04	2.01E-04	2.20E-04	3.36E-04	3.40E-04	4.59E-04	4.86E-04	4.86E-04	7.40E-09	3.14E-04	2.04E-05	5.46E-06	0.00E+00
Missouri	Andrew County	29003	R	Propylene Dichloride	6.64E-06	6.64E-06	7.80E-06	1.34E-05	1.61E-05	2.44E-05	3.08E-05	3.08E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	Quinoline	3.05E-08	3.05E-08	3.43E-08	5.37E-08	5.90E-08	8.36E-08	9.80E-08	9.80E-08	0.00E+00	5.90E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	1,1,2,2-Tetrachloroethane	5.61E-05	5.61E-05	6.61E-05	1.12E-04	1.37E-04	2.09E-04	2.68E-04	2.68E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Andrew County	29003	R	Trichloroethylene	8.19E-02	8.19E-02	8.19E-02	8.29E-02	8.29E-02	8.39E-02	8.40E-02	8.40E-02	0.00E+00	1.90E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Andrew County	29003	R	Vinyl Chloride	1.39E-04	1.39E-04	1.64E-04	2.79E-04	3.40E-04	5.16E-04	6.63E-04	6.63E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	Acetaldehyde	7.54E-02	7.54E-02	7.54E-02	7.88E-02	7.88E-02	8.23E-02	8.23E-02	8.23E-02	7.93E-03	2.79E-03	3.15E-02	3.66E-02	0.00E+00
Missouri	Atchison County	29005	R	Acrolein	8.87E-03	8.87E-03	8.87E-03	8.88E-03	8.88E-03	8.90E-03	8.90E-03	8.90E-03	1.43E-03	1.06E-03	5.12E-03	1.28E-03	0.00E+00
Missouri	Atchison County	29005	R	Acrylonitrile	3.06E-05	3.06E-05	3.06E-05	4.68E-05	4.68E-05	6.31E-05	6.31E-05	6.31E-05	1.85E-06	4.50E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	Arsenic Compounds	3.35E-05	3.35E-05	3.35E-05	3.66E-05	3.66E-05	3.97E-05	3.97E-05	3.97E-05	2.22E-05	4.54E-07	7.74E-06	6.20E-06	0.00E+00
Missouri	Atchison County	29005	R	Benzene	5.76E-01	5.76E-01	5.76E-01	5.76E-01	5.76E-01	5.77E-01	5.77E-01	5.77E-01	1.47E-03	9.24E-03	7.21E-02	1.36E-02	4.80E-01
Missouri	Atchison County	29005	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
Missouri	Atchison County	29005	R	Beryllium Compounds	8.26E-07	8.26E-07	8.26E-07	8.35E-07	8.35E-07	8.45E-07	8.45E-07	8.45E-07	5.02E-07	8.66E-08	0.00E+00	2.47E-07	0.00E+00
Missouri	Atchison County	29005	R	1,3-Butadiene	6.02E-03	6.02E-03	6.02E-03	6.03E-03	6.03E-03	6.03E-03	6.03E-03	6.03E-03	1.69E-04	1.68E-04	4.88E-03	8.05E-04	0.00E+00
Missouri	Atchison County	29005	R	Cadmium Compounds	1.92E-04	1.92E-04	1.92E-04	2.44E-04	2.44E-04	2.97E-04	2.97E-04	2.97E-04	2.44E-04	4.47E-07	0.00E+00	2.53E-07	0.00E+00
Missouri	Atchison County	29005	R	Carbon Disulfide	4.89E-02	4.89E-02	4.89E-02	4.93E-02	4.93E-02	4.98E-02	4.98E-02	4.98E-02	2.28E-03	5.34E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Atchison County	29005	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.41E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Atchison County	29005	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	3.51E-06	3.21E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Atchison County	29005	R	Chromium Compounds (includes Hexavalent)	9.80E-06	9.80E-06	9.80E-06	2.44E-05	2.44E-05	3.89E-05	3.89E-05	3.89E-05	4.71E-06	1.48E-05	4.68E-06	2.00E-07	0.00E+00
Missouri	Atchison County	29005	R	Chromium VI	2.92E-06	2.92E-06	2.92E-06	7.86E-06	7.86E-06	1.28E-05	1.28E-05	1.28E-05	8.35E-07	5.09E-06	1.87E-06	6.79E-08	0.00E+00
Missouri	Atchison County	29005	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
Missouri	Atchison County	29005	R	1,4-Dichlorobenzene	1.06E-03	1.06E-03	1.06E-03	1.08E-03	1.08E-03	1.11E-03	1.11E-03	1.11E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	1,3-Dichloropropene	2.08E-03	2.08E-03	2.08E-03	2.12E-03	2.12E-03	2.16E-03	2.16E-03	2.16E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.44E-08	2.24E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Atchison County	29005	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	8.14E-07	5.44E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Atchison County	29005	R	Ethylene Oxide	2.04E-05	2.04E-05	2.04E-05	2.05E-05	2.05E-05	2.07E-05	2.07E-05	2.07E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	Formaldehyde	3.46E-01	3.46E-01	3.46E-01	3.64E-01	3.64E-01	3.82E-01	3.82E-01	3.82E-01	2.70E-02	5.01E-03	3.31E-02	4.89E-02	2.50E-01
Missouri	Atchison County	29005	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	2.14E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Atchison County	29005	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	6.72E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Atchison County	29005	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
Missouri	Atchison County	29005	R	Hydrazine	6.57E-11	6.57E-11	6.57E-11	6.66E-11	6.66E-11	6.75E-11	6.75E-11	6.75E-11	0.00E+00	6.66E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	Lead Compounds	3.81E-04	3.81E-04	3.81E-04	4.84E-04	4.84E-04	5.88E-04	5.88E-04	5.88E-04	2.41E-05	4.40E-04	0.00E+00	2.00E-05	0.00E+00
Missouri	Atchison County	29005	R	Manganese Compounds	2.24E-05	2.24E-05	2.24E-05	4.08E-05	4.08E-05	5.92E-05	5.92E-05	5.92E-05	2.22E-05	1.66E-05	1.46E-06	5.60E-07	0.00E+00
Missouri	Atchison County	29005	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	5.61E-08	3.14E-06	9.12E-06	5.64E-06	1.50E-03
Missouri	Atchison County	29005	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.59E-05	4.36E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Atchison County	29005	R	Nickel Compounds	1.49E-05	1.49E-05	1.49E-05	2.98E-05	2.98E-05	4.46E-05	4.46E-05	4.46E-05	6.31E-06	1.74E-05	3.54E-06	2.53E-06	0.00E+00
Missouri	Atchison County	29005	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.89E-07	8.45E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Atchison County	29005	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.91E-04	3.91E-04	3.91E-04	0.00E+00	1.04E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Atchison County	29005	R	Polycyclic Organic Matter	3.20E-03	3.20E-03	3.20E-03	3.24E-03	3.24E-03	3.28E-03	3.28E-03	3.28E-03	4.67E-05	1.41E-03	1.49E-03	2.95E-04	0.00E+00
Missouri	Atchison County	29005	R	7-PAH	1.12E-04	1.12E-04	1.12E-04	1.19E-04	1.19E-04	1.26E-04	1.26E-04	1.26E-04	1.65E-09	1.04E-04	1.19E-05	3.48E-06	0.00E+00
Missouri	Atchison County	29005	R	Propylene Dichloride	1.58E-06	1.58E-06	1.58E-06	2.57E-06	2.57E-06	3.56E-06	3.56E-06	3.56E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	Quinoline	1.80E-09	1.80E-09	1.80E-09	1.81E-09	1.81E-09	1.82E-09	1.82E-09	1.82E-09	0.00E+00	1.81E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	1,1,2,2-Tetrachloroethane	1.26E-05	1.26E-05	1.26E-05	2.10E-05	2.10E-05	2.94E-05	2.94E-05	2.94E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Atchison County	29005	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	4.50E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Atchison County	29005	R	Vinyl Chloride	3.31E-05	3.31E-05	3.31E-05	5.55E-05	5.55E-05	7.79E-05	7.79E-05	7.79E-05	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	Acetaldehyde	2.76E-02	2.76E-02	4.92E-02	5.13E-02	5.02E-02	5.66E-02	6.39E-02	6.39E-02	4.15E-03	1.69E-03	3.02E-02	1.41E-02	0.00E+00
Missouri	Audrain County	29007	U	Acrolein	4.53E-03	4.53E-03	6.55E-03	1.02E-02	9.00E-03	1.17E-02	1.21E-02	1.21E-02	1.41E-06	1.81E-03	5.76E-03	1.43E-03	0.00E+00
Missouri	Audrain County	29007	U	Acrylonitrile	5.84E-05	5.84E-05	6.37E-05	9.91E-05	6.02E-04	4.22E-04	3.31E-03	3.31E-03	3.86E-07	6.02E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	Arsenic Compounds	6.85E-06	6.85E-06	7.78E-06	1.81E-05	1.59E-05	2.12E-05	2.25E-05	2.25E-05	1.20E-06	2.51E-06	8.06E-06	4.12E-06	0.00E+00
Missouri	Audrain County	29007	U	Benzene	5.25E-01	5.25E-01	5.53E-01	6.49E-01	6.21E-01	6.67E-01	6.91E-01	6.91E-01	5.19E-04	2.52E-02	9.56E-02	1.95E-02	4.80E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Audrain County	29007	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	9.39E-10	1.00E-09	1.76E-09	2.41E-09	2.41E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	Beryllium Compounds	2.71E-07	2.71E-07	4.25E-07	1.29E-06	1.08E-06	1.52E-06	1.52E-06	1.52E-06	7.29E-08	5.85E-07	0.00E+00	4.26E-07	0.00E+00
Missouri	Audrain County	29007	U	1,3-Butadiene	1.61E-03	1.61E-03	2.15E-03	1.05E-02	8.84E-03	1.24E-02	1.44E-02	1.44E-02	4.76E-08	1.86E-04	7.28E-03	1.37E-03	0.00E+00
Missouri	Audrain County	29007	U	Cadmium Compounds	4.58E-07	4.58E-07	6.98E-07	2.24E-06	2.27E-06	2.29E-06	6.14E-06	6.14E-06	7.60E-07	1.09E-06	0.00E+00	4.26E-07	0.00E+00
Missouri	Audrain County	29007	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.75E-02	4.76E-02	4.80E-02	4.80E-02	1.73E-04	2.83E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Audrain County	29007	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	5.80E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Audrain County	29007	U	Chloroform	8.45E-02	8.45E-02	8.53E-02	9.18E-02	9.06E-02	9.36E-02	9.49E-02	9.49E-02	0.00E+00	7.63E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Audrain County	29007	U	Chromium Compounds (includes Hexavalent)	3.70E-06	3.70E-06	7.32E-06	1.35E-05	5.13E-05	1.51E-05	2.94E-04	2.94E-04	9.89E-07	4.44E-05	5.68E-06	3.11E-07	0.00E+00
Missouri	Audrain County	29007	U	Chromium VI	1.58E-06	1.58E-06	2.50E-06	5.83E-06	2.34E-05	6.49E-06	1.36E-04	1.36E-04	4.42E-07	2.06E-05	2.25E-06	1.06E-07	0.00E+00
Missouri	Audrain County	29007	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
Missouri	Audrain County	29007	U	1,4-Dichlorobenzene	9.06E-04	9.06E-04	1.54E-03	4.92E-03	4.24E-03	5.78E-03	6.37E-03	6.37E-03	3.08E-09	4.24E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	1,3-Dichloropropene	1.75E-03	1.75E-03	2.97E-03	9.86E-03	8.41E-03	1.16E-02	1.28E-02	1.28E-02	0.00E+00	8.41E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	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	3.27E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Audrain County	29007	U	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	1.20E-07	7.13E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Audrain County	29007	U	Ethylene Oxide	7.12E-05	7.12E-05	7.76E-05	3.25E-04	6.01E-04	1.23E-03	1.50E-03	1.50E-03	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	Formaldehyde	2.94E-01	2.94E-01	3.23E-01	3.39E-01	3.35E-01	3.54E-01	3.59E-01	3.59E-01	1.64E-02	4.76E-03	4.06E-02	2.35E-02	2.50E-01
Missouri	Audrain County	29007	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.59E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Audrain County	29007	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	3.09E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Audrain County	29007	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
Missouri	Audrain County	29007	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-11	3.21E-11	5.51E-10	5.51E-10	0.00E+00	8.32E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	Lead Compounds	4.11E-05	4.11E-05	1.53E-04	2.04E-04	2.06E-04	3.31E-04	3.32E-04	3.32E-04	1.21E-05	1.19E-04	0.00E+00	7.45E-05	0.00E+00
Missouri	Audrain County	29007	U	Manganese Compounds	3.73E-06	3.73E-06	4.69E-06	1.23E-05	1.05E-05	1.26E-05	1.64E-05	1.64E-05	1.68E-06	6.62E-06	1.78E-06	3.94E-07	0.00E+00
Missouri	Audrain County	29007	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	4.26E-07	2.02E-06	8.70E-06	3.92E-06	1.50E-03
Missouri	Audrain County	29007	U	Methylene Chloride	1.68E-01	1.68E-01	1.71E-01	2.18E-01	2.19E-01	2.33E-01	3.26E-01	3.26E-01	2.57E-02	4.35E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Audrain County	29007	U	Nickel Compounds	9.75E-06	9.75E-06	1.40E-05	6.93E-05	6.30E-05	7.62E-05	1.43E-04	1.43E-04	9.14E-07	5.69E-05	4.25E-06	8.92E-07	0.00E+00
Missouri	Audrain County	29007	U	Perchloroethylene	1.43E-01	1.43E-01	1.53E-01	1.66E-01	1.85E-01	2.04E-01	2.97E-01	2.97E-01	8.74E-03	3.61E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Audrain County	29007	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	4.10E-04	4.05E-04	4.15E-04	4.23E-04	4.23E-04	0.00E+00	2.48E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Audrain County	29007	U	Polycyclic Organic Matter	2.29E-03	2.29E-03	4.61E-03	8.47E-03	7.63E-03	9.84E-03	1.14E-02	1.14E-02	3.01E-05	5.31E-03	1.94E-03	3.54E-04	0.00E+00
Missouri	Audrain County	29007	U	7-PAH	1.10E-04	1.10E-04	1.75E-04	3.15E-04	2.78E-04	3.59E-04	4.29E-04	4.29E-04	1.15E-09	2.60E-04	1.29E-05	4.70E-06	0.00E+00
Missouri	Audrain County	29007	U	Propylene Dichloride	3.11E-06	3.11E-06	3.55E-06	5.39E-06	3.59E-05	2.46E-05	2.00E-04	2.00E-04	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-09	1.52E-09	1.49E-08	1.49E-08	0.00E+00	2.34E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	1,1,2,2-Tetrachloroethane	2.24E-05	2.24E-05	2.78E-05	4.36E-05	3.23E-04	2.17E-04	1.82E-03	1.82E-03	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Audrain County	29007	U	Trichloroethylene	8.21E-02	8.21E-02	8.24E-02	8.41E-02	8.71E-02	8.89E-02	1.03E-01	1.03E-01	2.79E-03	3.35E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Audrain County	29007	U	Vinyl Chloride	5.77E-05	5.77E-05	9.99E-05	2.13E-04	8.69E-04	6.24E-04	4.57E-03	4.57E-03	7.09E-05	7.98E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	Acetaldehyde	4.09E-02	4.09E-02	4.73E-02	6.39E-02	6.02E-02	7.09E-02	7.41E-02	7.41E-02	3.31E-03	6.09E-03	4.17E-02	9.07E-03	0.00E+00
Missouri	Barry County	29009	R	Acrolein	1.17E-02	1.17E-02	1.28E-02	1.39E-02	1.40E-02	1.56E-02	1.61E-02	1.61E-02	0.00E+00	4.94E-03	6.86E-03	2.21E-03	0.00E+00
Missouri	Barry County	29009	R	Acrylonitrile	1.20E-05	1.20E-05	1.58E-05	1.96E-05	3.36E-05	3.27E-05	1.02E-04	1.02E-04	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	Arsenic Compounds	6.45E-06	6.45E-06	8.62E-06	9.77E-06	1.27E-05	1.37E-05	2.80E-05	2.80E-05	1.09E-07	2.11E-06	8.25E-06	2.25E-06	0.00E+00
Missouri	Barry County	29009	R	Benzene	5.83E-01	5.83E-01	5.98E-01	6.36E-01	6.40E-01	6.55E-01	7.29E-01	7.29E-01	6.34E-04	4.11E-02	8.36E-02	3.43E-02	4.80E-01
Missouri	Barry County	29009	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
Missouri	Barry County	29009	R	Beryllium Compounds	1.39E-07	1.39E-07	2.41E-07	3.73E-07	7.98E-07	4.72E-07	3.19E-06	3.19E-06	6.55E-08	4.60E-07	0.00E+00	2.73E-07	0.00E+00
Missouri	Barry County	29009	R	1,3-Butadiene	3.28E-03	3.28E-03	3.50E-03	6.92E-03	7.47E-03	8.96E-03	1.52E-02	1.52E-02	0.00E+00	8.76E-04	4.91E-03	1.68E-03	0.00E+00
Missouri	Barry County	29009	R	Cadmium Compounds	4.25E-07	4.25E-07	4.84E-07	8.63E-07	1.45E-06	1.08E-06	4.97E-06	4.97E-06	7.11E-08	1.10E-06	0.00E+00	2.72E-07	0.00E+00
Missouri	Barry County	29009	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.72E-02	4.81E-02	4.81E-02	0.00E+00	2.53E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Barry County	29009	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	6.39E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Barry County	29009	R	Chloroform	8.36E-02	8.36E-02	8.39E-02	8.42E-02	8.44E-02	8.46E-02	8.61E-02	8.61E-02	0.00E+00	1.44E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Barry County	29009	R	Chromium Compounds (includes Hexavalent)	8.39E-04	8.39E-04	1.96E-03	8.64E-03	3.00E-02	1.89E-02	1.41E-01	1.41E-01	3.00E-02	3.38E-05	5.19E-06	3.65E-07	0.00E+00
Missouri	Barry County	29009	R	Chromium VI	2.86E-04	2.86E-04	6.66E-04	2.94E-03	1.02E-02	6.43E-03	4.80E-02	4.80E-02	1.02E-02	1.20E-05	2.09E-06	1.24E-07	0.00E+00
Missouri	Barry County	29009	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
Missouri	Barry County	29009	R	1,4-Dichlorobenzene	1.84E-03	1.84E-03	2.64E-03	3.15E-03	3.90E-03	4.24E-03	8.37E-03	8.37E-03	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	1,3-Dichloropropene	3.50E-03	3.50E-03	5.19E-03	6.03E-03	7.64E-03	8.30E-03	1.68E-02	1.68E-02	0.00E+00	7.64E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	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	1.67E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Barry County	29009	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	2.57E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Barry County	29009	R	Ethylene Oxide	1.52E-04	1.52E-04	2.63E-04	3.34E-04	4.60E-04	4.48E-04	1.23E-03	1.23E-03	3.80E-04	7.98E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	Formaldehyde	3.16E-01	3.16E-01	3.21E-01	3.36E-01	3.43E-01	3.59E-01	3.92E-01	3.92E-01	1.83E-02	1.83E-02	4.13E-02	1.53E-02	2.50E-01
Missouri	Barry County	29009	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.37E-05	9.37E-05	0.00E+00	3.21E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Barry County	29009	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	3.38E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Barry County	29009	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	4.78E-07	1.61E-06	3.42E-06	5.28E-06	5.28E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	Hydrazine	1.26E-10	1.26E-10	1.34E-10	5.33E-10	1.91E-09	9.88E-10	9.17E-09	9.17E-09	0.00E+00	1.91E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	Lead Compounds	2.20E-05	2.20E-05	4.20E-05	6.44E-05	1.35E-04	2.35E-04	3.81E-04	3.81E-04	2.03E-07	2.92E-05	0.00E+00	1.05E-04	0.00E+00
Missouri	Barry County	29009	R	Manganese Compounds	4.52E-06	4.52E-06	5.02E-06	6.44E-06	9.08E-06	7.41E-06	2.47E-05	2.47E-05	2.40E-07	6.95E-06	1.64E-06	2.59E-07	0.00E+00
Missouri	Barry County	29009	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.26E-07	2.08E-06	9.52E-06	2.07E-06	1.50E-03
Missouri	Barry County	29009	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.61E-01	1.67E-01	1.64E-01	2.03E-01	2.03E-01	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Barry County	29009	R	Nickel Compounds	1.11E-05	1.11E-05	1.16E-05	6.24E-05	9.70E-05	1.49E-04	2.86E-04	2.86E-04	7.84E-09	9.26E-05	3.95E-06	4.54E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Barry County	29009	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.44E-01	1.45E-01	1.45E-01	1.54E-01	1.54E-01	0.00E+00	5.27E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Barry County	29009	R	Polychlorinated Biphenyls	3.95E-04	3.95E-04	4.02E-04	4.06E-04	4.14E-04	4.26E-04	4.51E-04	4.51E-04	0.00E+00	3.43E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Barry County	29009	R	Polycyclic Organic Matter	5.56E-03	5.56E-03	6.62E-03	8.61E-03	9.20E-03	1.11E-02	1.47E-02	1.47E-02	4.87E-05	7.08E-03	1.75E-03	3.14E-04	0.00E+00
Missouri	Barry County	29009	R	7-PAH	3.96E-04	3.96E-04	4.47E-04	5.30E-04	5.48E-04	6.90E-04	6.98E-04	6.98E-04	0.00E+00	5.27E-04	1.31E-05	8.30E-06	0.00E+00
Missouri	Barry County	29009	R	Propylene Dichloride	6.36E-07	6.36E-07	7.63E-07	9.90E-07	1.46E-06	1.80E-06	3.59E-06	3.59E-06	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	Quinoline	3.18E-09	3.18E-09	3.88E-09	5.38E-09	1.17E-08	2.21E-08	3.04E-08	3.04E-08	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	1,1,2,2-Tetrachloroethane	4.28E-06	4.28E-06	4.49E-06	6.03E-06	6.80E-06	8.08E-06	1.19E-05	1.19E-05	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Barry County	29009	R	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.20E-02	8.31E-02	8.24E-02	8.87E-02	8.87E-02	0.00E+00	2.06E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Barry County	29009	R	Vinyl Chloride	1.07E-05	1.07E-05	1.43E-05	1.87E-05	1.96E-05	2.28E-05	3.24E-05	3.24E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	Acetaldehyde	4.39E-02	4.39E-02	4.39E-02	4.59E-02	4.71E-02	5.14E-02	5.14E-02	5.14E-02	6.37E-03	3.36E-03	2.60E-02	1.14E-02	0.00E+00
Missouri	Barton County	29011	R	Acrolein	4.96E-03	4.96E-03	4.96E-03	7.19E-03	7.35E-03	9.89E-03	9.89E-03	9.89E-03	1.48E-06	1.55E-03	4.60E-03	1.20E-03	0.00E+00
Missouri	Barton County	29011	R	Acrylonitrile	2.66E-05	2.66E-05	2.66E-05	1.54E-04	1.14E-04	1.62E-04	1.62E-04	1.62E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	Arsenic Compounds	7.12E-06	7.12E-06	7.12E-06	1.40E-05	1.33E-05	1.87E-05	1.87E-05	1.87E-05	4.39E-06	1.46E-06	4.33E-06	3.09E-06	0.00E+00
Missouri	Barton County	29011	R	Benzene	5.31E-01	5.31E-01	5.31E-01	5.52E-01	5.67E-01	6.19E-01	6.19E-01	6.19E-01	7.94E-04	2.22E-02	5.14E-02	1.28E-02	4.80E-01
Missouri	Barton County	29011	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
Missouri	Barton County	29011	R	Beryllium Compounds	7.59E-07	7.59E-07	7.59E-07	1.10E-06	1.40E-06	2.35E-06	2.35E-06	2.35E-06	2.88E-07	3.13E-07	0.00E+00	8.03E-07	0.00E+00
Missouri	Barton County	29011	R	1,3-Butadiene	1.25E-03	1.25E-03	1.25E-03	2.05E-03	3.60E-03	7.50E-03	7.50E-03	7.50E-03	0.00E+00	2.79E-04	2.44E-03	8.75E-04	0.00E+00
Missouri	Barton County	29011	R	Cadmium Compounds	1.14E-06	1.14E-06	1.14E-06	2.17E-06	2.29E-06	3.57E-06	3.57E-06	3.57E-06	8.03E-07	6.90E-07	0.00E+00	8.01E-07	0.00E+00
Missouri	Barton County	29011	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.74E-02	4.74E-02	4.74E-02	8.87E-07	2.44E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Barton County	29011	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	3.68E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Barton County	29011	R	Chloroform	8.37E-02	8.37E-02	8.37E-02	8.43E-02	8.49E-02	8.68E-02	8.68E-02	8.68E-02	0.00E+00	1.94E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Barton County	29011	R	Chromium Compounds (includes Hexavalent)	9.78E-06	9.78E-06	9.78E-06	4.48E-05	1.11E-04	2.79E-04	2.79E-04	2.79E-04	1.17E-05	9.64E-05	2.91E-06	3.13E-07	0.00E+00
Missouri	Barton County	29011	R	Chromium VI	6.10E-06	6.10E-06	6.10E-06	1.82E-05	9.31E-05	2.55E-04	2.55E-04	2.55E-04	3.63E-06	8.82E-05	1.17E-06	1.06E-07	0.00E+00
Missouri	Barton County	29011	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
Missouri	Barton County	29011	R	1,4-Dichlorobenzene	1.01E-03	1.01E-03	1.01E-03	1.55E-03	2.37E-03	4.55E-03	4.55E-03	4.55E-03	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	1,3-Dichloropropene	1.94E-03	1.94E-03	1.94E-03	2.92E-03	4.65E-03	9.10E-03	9.10E-03	9.10E-03	0.00E+00	4.65E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.45E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Barton County	29011	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	2.73E-07	1.48E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Barton County	29011	R	Ethylene Oxide	1.57E-05	1.57E-05	1.57E-05	2.51E-05	6.60E-05	1.57E-04	1.57E-04	1.57E-04	0.00E+00	6.60E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	Formaldehyde	3.19E-01	3.19E-01	3.19E-01	3.57E-01	3.87E-01	4.86E-01	4.86E-01	4.86E-01	3.44E-02	5.87E-02	2.47E-02	1.92E-02	2.50E-01
Missouri	Barton County	29011	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Barton County	29011	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	1.86E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Barton County	29011	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
Missouri	Barton County	29011	R	Hydrazine	5.73E-10	5.73E-10	5.73E-10	1.44E-09	1.17E-09	1.50E-09	1.50E-09	1.50E-09	0.00E+00	1.17E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	Lead Compounds	5.06E-05	5.06E-05	5.06E-05	2.08E-04	2.09E-04	3.69E-04	3.69E-04	3.69E-04	4.63E-06	6.88E-05	0.00E+00	1.36E-04	0.00E+00
Missouri	Barton County	29011	R	Manganese Compounds	8.14E-06	8.14E-06	8.14E-06	2.47E-05	6.90E-05	1.74E-04	1.74E-04	1.74E-04	1.19E-05	5.60E-05	8.25E-07	3.15E-07	0.00E+00
Missouri	Barton County	29011	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	4.12E-06	1.26E-06	4.82E-06	3.50E-06	1.50E-03
Missouri	Barton County	29011	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.57E-01	1.62E-01	1.76E-01	1.76E-01	1.76E-01	1.80E-06	1.20E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Barton County	29011	R	Nickel Compounds	1.70E-05	1.70E-05	1.70E-05	3.74E-05	1.96E-04	5.34E-04	5.34E-04	5.34E-04	2.25E-06	1.91E-04	2.15E-06	5.63E-07	0.00E+00
Missouri	Barton County	29011	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.46E-01	1.46E-01	1.46E-01	2.67E-07	3.52E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Barton County	29011	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.87E-04	3.95E-04	4.14E-04	4.14E-04	4.14E-04	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Barton County	29011	R	Polycyclic Organic Matter	3.32E-03	3.32E-03	3.32E-03	4.22E-03	5.45E-03	8.80E-03	8.80E-03	8.80E-03	6.57E-05	4.05E-03	1.00E-03	3.33E-04	0.00E+00
Missouri	Barton County	29011	R	7-PAH	1.58E-04	1.58E-04	1.58E-04	1.87E-04	2.42E-04	3.82E-04	3.82E-04	3.82E-04	2.49E-09	2.31E-04	6.95E-06	4.18E-06	0.00E+00
Missouri	Barton County	29011	R	Propylene Dichloride	1.30E-06	1.30E-06	1.30E-06	7.83E-06	5.68E-06	7.92E-06	7.92E-06	7.92E-06	0.00E+00	5.68E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	Quinoline	1.36E-08	1.36E-08	1.36E-08	3.65E-08	3.14E-08	4.42E-08	4.42E-08	4.42E-08	0.00E+00	3.14E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	1,1,2,2-Tetrachloroethane	1.05E-05	1.05E-05	1.05E-05	6.49E-05	4.81E-05	6.88E-05	6.88E-05	6.88E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Barton County	29011	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.26E-02	8.33E-02	8.58E-02	8.58E-02	8.58E-02	0.00E+00	2.29E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Barton County	29011	R	Vinyl Chloride	3.14E-05	3.14E-05	3.14E-05	1.83E-04	1.37E-04	1.96E-04	1.96E-04	1.96E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	R	Acetaldehyde	1.72E-02	1.72E-02	2.29E-02	3.00E-02	3.08E-02	3.86E-02	4.59E-02	4.59E-02	1.19E-04	6.03E-03	1.47E-02	9.88E-03	0.00E+00
Missouri	Bates County	29013	R	Acrolein	3.65E-03	3.65E-03	3.81E-03	4.19E-03	5.17E-03	6.53E-03	8.68E-03	8.68E-03	4.32E-06	1.78E-03	2.43E-03	9.64E-04	0.00E+00
Missouri	Bates County	29013	R	Acrylonitrile	7.19E-06	7.19E-06	1.12E-05	2.21E-05	2.67E-05	4.22E-05	5.54E-05	5.54E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	R	Arsenic Compounds	1.30E-05	1.30E-05	1.48E-05	1.67E-05	1.81E-05	2.15E-05	2.61E-05	2.61E-05	1.17E-05	5.60E-07	3.32E-06	2.50E-06	0.00E+00
Missouri	Bates County	29013	R	Benzene	5.12E-01	5.12E-01	5.14E-01	5.19E-01	5.46E-01	5.78E-01	6.33E-01	6.33E-01	3.20E-05	1.83E-02	3.66E-02	1.11E-02	4.80E-01
Missouri	Bates County	29013	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
Missouri	Bates County	29013	R	Beryllium Compounds	6.41E-07	6.41E-07	7.45E-07	1.22E-06	1.24E-06	1.73E-06	1.87E-06	1.87E-06	6.20E-07	1.53E-07	0.00E+00	4.63E-07	0.00E+00
Missouri	Bates County	29013	R	1,3-Butadiene	1.23E-03	1.23E-03	1.31E-03	1.59E-03	3.58E-03	5.84E-03	9.90E-03	9.90E-03	0.00E+00	2.65E-04	2.64E-03	6.73E-04	0.00E+00
Missouri	Bates County	29013	R	Cadmium Compounds	1.71E-06	1.71E-06	1.87E-06	2.47E-06	2.53E-06	3.19E-06	3.45E-06	3.45E-06	1.71E-06	3.55E-07	0.00E+00	4.62E-07	0.00E+00
Missouri	Bates County	29013	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.74E-02	4.74E-02	2.71E-06	1.19E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Bates County	29013	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	3.29E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Bates County	29013	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.35E-02	8.43E-02	8.51E-02	8.68E-02	8.68E-02	0.00E+00	1.28E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Bates County	29013	R	Chromium Compounds (includes Hexavalent)	1.81E-05	1.81E-05	2.03E-05	2.37E-05	2.27E-05	2.51E-05	2.52E-05	2.52E-05	2.00E-05	3.91E-07	2.09E-06	2.12E-07	0.00E+00
Missouri	Bates County	29013	R	Chromium VI	3.27E-06	3.27E-06	3.63E-06	4.79E-06	4.78E-06	5.92E-06	6.25E-06	6.25E-06	3.69E-06	1.99E-07	8.15E-07	7.19E-08	0.00E+00
Missouri	Bates County	29013	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
Missouri	Bates County	29013	R	1,4-Dichlorobenzene	7.13E-04	7.13E-04	7.82E-04	9.31E-04	2.19E-03	3.59E-03	6.17E-03	6.17E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Bates County	29013	R	1,3-Dichloropropene	1.39E-03	1.39E-03	1.52E-03	1.80E-03	4.38E-03	7.24E-03	1.25E-02	1.25E-02	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	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	9.72E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Bates County	29013	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	8.34E-07	2.23E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Bates County	29013	R	Ethylene Oxide	6.77E-06	6.77E-06	1.10E-05	1.70E-05	7.63E-05	1.42E-04	2.64E-04	2.64E-04	0.00E+00	7.63E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	R	Formaldehyde	2.75E-01	2.75E-01	2.81E-01	2.91E-01	2.95E-01	3.09E-01	3.24E-01	3.24E-01	3.71E-03	8.23E-03	1.68E-02	1.63E-02	2.50E-01
Missouri	Bates County	29013	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.36E-05	9.36E-05	0.00E+00	2.28E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Bates County	29013	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	1.83E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Bates County	29013	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
Missouri	Bates County	29013	R	Hydrazine	9.30E-16	9.30E-16	2.00E-12	5.35E-12	1.21E-11	2.23E-11	3.78E-11	3.78E-11	0.00E+00	1.21E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	R	Lead Compounds	3.55E-05	3.55E-05	3.92E-05	4.38E-05	7.79E-05	1.17E-04	1.89E-04	1.89E-04	1.58E-05	1.07E-05	0.00E+00	5.14E-05	0.00E+00
Missouri	Bates County	29013	R	Manganese Compounds	2.59E-05	2.59E-05	2.81E-05	3.43E-05	3.33E-05	3.84E-05	3.85E-05	3.85E-05	3.10E-05	1.39E-06	6.46E-07	2.42E-07	0.00E+00
Missouri	Bates County	29013	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.07E-08	9.49E-07	3.80E-06	2.68E-06	1.50E-03
Missouri	Bates County	29013	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.54E-01	1.61E-01	1.69E-01	1.84E-01	1.84E-01	5.49E-06	1.11E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Bates County	29013	R	Nickel Compounds	1.76E-05	1.76E-05	1.76E-05	1.90E-05	2.43E-05	3.10E-05	4.18E-05	4.18E-05	1.41E-05	8.23E-06	1.60E-06	4.12E-07	0.00E+00
Missouri	Bates County	29013	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.45E-01	1.45E-01	8.14E-07	2.07E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Bates County	29013	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.86E-04	3.87E-04	4.01E-04	4.16E-04	4.45E-04	4.45E-04	0.00E+00	2.09E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Bates County	29013	R	Polycyclic Organic Matter	2.10E-03	2.10E-03	2.13E-03	2.29E-03	3.97E-03	5.80E-03	9.19E-03	9.19E-03	5.23E-06	2.99E-03	7.25E-04	2.48E-04	0.00E+00
Missouri	Bates County	29013	R	7-PAH	1.25E-04	1.25E-04	1.29E-04	1.34E-04	2.16E-04	3.02E-04	4.69E-04	4.69E-04	7.73E-09	2.07E-04	5.12E-06	3.10E-06	0.00E+00
Missouri	Bates County	29013	R	Propylene Dichloride	3.73E-07	3.73E-07	6.00E-07	1.24E-06	1.31E-06	2.01E-06	2.37E-06	2.37E-06	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	R	Quinoline	3.37E-14	3.37E-14	6.56E-11	2.25E-10	5.63E-10	1.06E-09	1.80E-09	1.80E-09	0.00E+00	5.63E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	R	1,1,2,2-Tetrachloroethane	2.87E-06	2.87E-06	4.81E-06	9.88E-06	9.18E-06	1.36E-05	1.41E-05	1.41E-05	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Bates County	29013	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.16E-02	8.19E-02	8.27E-02	8.35E-02	8.35E-02	0.00E+00	9.44E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Bates County	29013	R	Vinyl Chloride	7.07E-06	7.07E-06	1.18E-05	2.51E-05	2.36E-05	3.54E-05	3.72E-05	3.72E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	Acetaldehyde	2.46E-02	2.46E-02	2.73E-02	2.84E-02	3.13E-02	3.17E-02	4.77E-02	4.77E-02	4.85E-04	4.55E-03	1.40E-02	1.23E-02	0.00E+00
Missouri	Benton County	29015	R	Acrolein	6.09E-03	6.09E-03	7.09E-03	8.78E-03	8.54E-03	9.33E-03	1.12E-02	1.12E-02	5.52E-07	2.84E-03	2.72E-03	2.98E-03	0.00E+00
Missouri	Benton County	29015	R	Acrylonitrile	5.39E-06	5.39E-06	1.27E-05	1.74E-05	1.76E-05	2.15E-05	3.13E-05	3.13E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	Arsenic Compounds	3.74E-06	3.74E-06	3.94E-06	4.37E-06	5.99E-06	7.21E-06	1.23E-05	1.23E-05	8.23E-07	2.78E-07	3.23E-06	1.66E-06	0.00E+00
Missouri	Benton County	29015	R	Benzene	5.40E-01	5.40E-01	5.51E-01	5.65E-01	5.81E-01	6.21E-01	6.44E-01	6.44E-01	6.64E-05	1.81E-02	3.16E-02	5.11E-02	4.80E-01
Missouri	Benton County	29015	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
Missouri	Benton County	29015	R	Beryllium Compounds	5.14E-08	5.14E-08	7.61E-08	1.15E-07	1.26E-07	1.59E-07	2.38E-07	2.38E-07	4.33E-08	6.15E-08	0.00E+00	2.08E-08	0.00E+00
Missouri	Benton County	29015	R	1,3-Butadiene	1.95E-03	1.95E-03	1.97E-03	3.08E-03	4.48E-03	7.60E-03	9.20E-03	9.20E-03	0.00E+00	6.35E-04	1.68E-03	2.16E-03	0.00E+00
Missouri	Benton County	29015	R	Cadmium Compounds	1.66E-07	1.66E-07	2.65E-07	3.03E-07	3.47E-07	4.50E-07	5.95E-07	5.95E-07	1.08E-07	2.19E-07	0.00E+00	2.07E-08	0.00E+00
Missouri	Benton County	29015	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	3.22E-07	5.31E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Benton County	29015	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	1.54E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Benton County	29015	R	Chloroform	8.36E-02	8.36E-02	8.37E-02	8.37E-02	8.38E-02	8.38E-02	8.40E-02	8.40E-02	0.00E+00	7.50E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Benton County	29015	R	Chromium Compounds (includes Hexavalent)	1.69E-06	1.69E-06	1.86E-06	1.99E-06	3.12E-06	4.23E-06	6.94E-06	6.94E-06	5.41E-07	1.94E-07	1.99E-06	3.97E-07	0.00E+00
Missouri	Benton County	29015	R	Chromium VI	6.73E-07	6.73E-07	7.24E-07	7.84E-07	1.07E-06	1.17E-06	2.28E-06	2.28E-06	5.95E-08	8.71E-08	7.88E-07	1.35E-07	0.00E+00
Missouri	Benton County	29015	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
Missouri	Benton County	29015	R	1,4-Dichlorobenzene	8.32E-04	8.32E-04	1.04E-03	1.09E-03	1.12E-03	1.24E-03	1.47E-03	1.47E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	1,3-Dichloropropene	1.63E-03	1.63E-03	2.02E-03	2.10E-03	2.19E-03	2.39E-03	2.91E-03	2.91E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	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	8.44E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Benton County	29015	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	9.92E-08	1.72E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Benton County	29015	R	Ethylene Oxide	5.29E-06	5.29E-06	1.65E-05	3.29E-05	3.32E-05	4.84E-05	6.33E-05	6.33E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	Formaldehyde	2.89E-01	2.89E-01	2.89E-01	2.92E-01	2.94E-01	2.93E-01	3.12E-01	3.12E-01	2.06E-03	1.19E-02	1.48E-02	1.56E-02	2.50E-01
Missouri	Benton County	29015	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	1.19E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Benton County	29015	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	7.64E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Benton County	29015	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
Missouri	Benton County	29015	R	Hydrazine	1.43E-11	1.43E-11	3.67E-11	5.17E-11	4.85E-11	6.83E-11	6.84E-11	6.84E-11	0.00E+00	4.85E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	Lead Compounds	6.76E-06	6.76E-06	8.79E-06	1.18E-05	1.26E-05	1.45E-05	2.18E-05	2.18E-05	1.18E-06	4.28E-06	0.00E+00	7.13E-06	0.00E+00
Missouri	Benton County	29015	R	Manganese Compounds	1.58E-06	1.58E-06	4.53E-06	2.35E-05	2.11E-05	2.61E-05	4.76E-05	4.76E-05	1.01E-06	1.93E-05	6.16E-07	2.21E-07	0.00E+00
Missouri	Benton County	29015	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	1.24E-10	5.32E-07	3.79E-06	1.23E-06	1.50E-03
Missouri	Benton County	29015	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.54E-01	1.56E-01	1.57E-01	1.67E-01	1.67E-01	2.24E-03	4.10E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Benton County	29015	R	Nickel Compounds	3.70E-06	3.70E-06	3.83E-06	5.03E-06	5.74E-06	5.35E-06	1.15E-05	1.15E-05	5.62E-07	3.30E-06	1.48E-06	3.95E-07	0.00E+00
Missouri	Benton County	29015	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.42E-01	1.50E-01	1.50E-01	9.78E-08	2.84E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Benton County	29015	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.89E-04	3.91E-04	3.92E-04	3.92E-04	4.02E-04	4.02E-04	0.00E+00	1.16E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Benton County	29015	R	Polycyclic Organic Matter	2.99E-03	2.99E-03	3.33E-03	3.62E-03	3.82E-03	4.50E-03	4.88E-03	4.88E-03	2.84E-05	2.90E-03	6.51E-04	2.40E-04	0.00E+00
Missouri	Benton County	29015	R	7-PAH	2.21E-04	2.21E-04	2.24E-04	2.67E-04	2.73E-04	3.16E-04	3.40E-04	3.40E-04	8.79E-10	2.55E-04	4.93E-06	1.29E-05	0.00E+00
Missouri	Benton County	29015	R	Propylene Dichloride	2.73E-07	2.73E-07	6.91E-07	8.48E-07	9.44E-07	1.20E-06	1.81E-06	1.81E-06	0.00E+00	9.44E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	Quinoline	4.28E-10	4.28E-10	1.03E-09	1.16E-09	1.12E-09	1.30E-09	1.65E-09	1.65E-09	0.00E+00	1.12E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	1,1,2,2-Tetrachloroethane	1.87E-06	1.87E-06	5.41E-06	5.79E-06	7.41E-06	9.80E-06	1.58E-05	1.58E-05	0.00E+00	7.41E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Benton County	29015	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.53E-02	8.50E-02	8.60E-02	9.10E-02	9.10E-02	3.69E-03	2.86E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Benton County	29015	R	Vinyl Chloride	5.87E-06	5.87E-06	1.36E-05	1.54E-05	1.89E-05	2.42E-05	3.89E-05	3.89E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	Acetaldehyde	3.44E-02	3.44E-02	3.44E-02	3.50E-02	3.77E-02	4.38E-02	4.38E-02	4.38E-02	1.08E-06	4.84E-03	2.34E-02	9.46E-03	0.00E+00
Missouri	Bollinger County	29017	R	Acrolein	1.02E-02	1.02E-02	1.02E-02	1.03E-02	1.08E-02	1.20E-02	1.20E-02	1.20E-02	3.04E-07	4.83E-03	5.09E-03	9.04E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Bollinger County	29017	R	Acrylonitrile	1.03E-05	1.03E-05	1.03E-05	1.45E-05	1.80E-05	2.92E-05	2.92E-05	2.92E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	Arsenic Compounds	6.23E-06	6.23E-06	6.23E-06	7.11E-06	7.48E-06	9.09E-06	9.09E-06	9.09E-06	3.09E-07	5.76E-07	4.65E-06	1.95E-06	0.00E+00
Missouri	Bollinger County	29017	R	Benzene	5.54E-01	5.54E-01	5.54E-01	5.55E-01	5.69E-01	5.98E-01	5.98E-01	5.98E-01	2.11E-05	2.88E-02	5.14E-02	9.00E-03	4.80E-01
Missouri	Bollinger County	29017	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
Missouri	Bollinger County	29017	R	Beryllium Compounds	2.14E-07	2.14E-07	2.14E-07	2.68E-07	2.72E-07	3.33E-07	3.33E-07	3.33E-07	1.90E-08	1.39E-07	0.00E+00	1.13E-07	0.00E+00
Missouri	Bollinger County	29017	R	1,3-Butadiene	2.63E-03	2.63E-03	2.63E-03	2.84E-03	3.32E-03	4.51E-03	4.51E-03	4.51E-03	0.00E+00	1.03E-03	1.98E-03	3.22E-04	0.00E+00
Missouri	Bollinger County	29017	R	Cadmium Compounds	5.40E-07	5.40E-07	5.40E-07	1.02E-06	8.94E-07	1.12E-06	1.12E-06	1.12E-06	3.14E-07	4.32E-07	0.00E+00	1.48E-07	0.00E+00
Missouri	Bollinger County	29017	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	2.17E-05	8.94E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Bollinger County	29017	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	2.52E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Bollinger County	29017	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.38E-02	8.39E-02	8.43E-02	8.43E-02	8.43E-02	8.06E-08	9.43E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Bollinger County	29017	R	Chromium Compounds (includes Hexavalent)	3.67E-05	3.67E-05	3.67E-05	4.03E-05	5.40E-05	8.50E-05	8.50E-05	8.50E-05	1.53E-05	3.54E-05	3.05E-06	2.57E-07	0.00E+00
Missouri	Bollinger County	29017	R	Chromium VI	8.84E-06	8.84E-06	8.84E-06	1.08E-05	1.47E-05	2.45E-05	2.45E-05	2.45E-05	1.26E-06	1.21E-05	1.23E-06	8.74E-08	0.00E+00
Missouri	Bollinger County	29017	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
Missouri	Bollinger County	29017	R	1,4-Dichlorobenzene	1.46E-03	1.46E-03	1.46E-03	1.46E-03	1.80E-03	2.46E-03	2.46E-03	2.46E-03	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	1,3-Dichloropropene	2.76E-03	2.76E-03	2.76E-03	2.82E-03	3.44E-03	4.75E-03	4.75E-03	4.75E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	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	1.64E-09	5.53E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Bollinger County	29017	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-08	1.13E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Bollinger County	29017	R	Ethylene Oxide	4.22E-04	4.22E-04	4.22E-04	5.72E-04	8.21E-04	1.47E-03	1.47E-03	1.47E-03	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	Formaldehyde	3.02E-01	3.02E-01	3.02E-01	3.06E-01	3.07E-01	3.15E-01	3.15E-01	3.15E-01	7.68E-06	1.89E-02	2.37E-02	1.48E-02	2.50E-01
Missouri	Bollinger County	29017	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	1.65E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Bollinger County	29017	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	1.21E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Bollinger County	29017	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-06	2.93E-05	2.93E-05	2.93E-05	0.00E+00	9.77E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	Hydrazine	5.82E-11	5.82E-11	5.82E-11	7.63E-11	9.73E-11	1.58E-10	1.58E-10	1.58E-10	0.00E+00	9.73E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	Lead Compounds	3.36E-05	3.36E-05	3.36E-05	4.59E-05	4.22E-05	4.71E-05	4.71E-05	4.71E-05	5.66E-07	9.02E-06	0.00E+00	3.26E-05	0.00E+00
Missouri	Bollinger County	29017	R	Manganese Compounds	9.78E-06	9.78E-06	9.78E-06	2.03E-05	1.93E-05	2.77E-05	2.77E-05	2.77E-05	2.38E-06	1.54E-05	9.40E-07	5.63E-07	0.00E+00
Missouri	Bollinger County	29017	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	1.60E-05	1.16E-06	5.31E-06	1.96E-06	1.50E-03
Missouri	Bollinger County	29017	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.57E-01	1.61E-01	1.61E-01	1.61E-01	5.45E-06	7.17E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Bollinger County	29017	R	Nickel Compounds	1.52E-05	1.52E-05	1.52E-05	1.90E-05	2.00E-05	2.57E-05	2.57E-05	2.57E-05	4.50E-07	9.53E-06	2.31E-06	7.67E-06	0.00E+00
Missouri	Bollinger County	29017	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	5.37E-08	2.28E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Bollinger County	29017	R	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.88E-04	3.89E-04	3.96E-04	4.09E-04	4.09E-04	4.09E-04	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Bollinger County	29017	R	Polycyclic Organic Matter	4.39E-03	4.39E-03	4.39E-03	4.61E-03	5.33E-03	6.98E-03	6.98E-03	6.98E-03	1.01E-06	4.13E-03	1.03E-03	1.75E-04	0.00E+00
Missouri	Bollinger County	29017	R	7-PAH	3.21E-04	3.21E-04	3.21E-04	3.30E-04	3.67E-04	4.48E-04	4.48E-04	4.48E-04	6.51E-12	3.56E-04	7.35E-06	3.22E-06	0.00E+00
Missouri	Bollinger County	29017	R	Propylene Dichloride	2.03E-07	2.03E-07	2.03E-07	7.32E-07	5.82E-07	8.10E-07	8.10E-07	8.10E-07	0.00E+00	5.82E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	Quinoline	1.99E-09	1.99E-09	1.99E-09	2.85E-09	3.56E-09	5.83E-09	5.83E-09	5.83E-09	0.00E+00	3.56E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	1,1,2,2-Tetrachloroethane	5.18E-07	5.18E-07	5.18E-07	2.89E-06	2.53E-06	4.18E-06	4.18E-06	4.18E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Bollinger County	29017	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.16E-02	8.19E-02	8.19E-02	8.19E-02	0.00E+00	5.53E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Bollinger County	29017	R	Vinyl Chloride	1.35E-05	1.35E-05	1.35E-05	2.78E-05	2.71E-05	4.00E-05	4.00E-05	4.00E-05	1.32E-05	1.39E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	Acetaldehyde	4.74E-02	5.61E-02	7.94E-02	1.16E-01	1.34E-01	1.55E-01	2.94E-01	2.97E-01	2.45E-03	2.77E-03	9.95E-02	2.95E-02	0.00E+00
Missouri	Boone County	29019	U	Acrolein	1.01E-02	1.04E-02	1.67E-02	2.49E-02	2.48E-02	3.21E-02	3.85E-02	4.42E-02	1.04E-07	5.49E-03	1.65E-02	2.84E-03	0.00E+00
Missouri	Boone County	29019	U	Acrylonitrile	4.10E-05	4.53E-05	6.86E-05	1.42E-04	5.86E-04	5.19E-04	9.36E-04	1.60E-03	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	Arsenic Compounds	9.30E-06	1.01E-05	2.15E-05	3.96E-05	4.34E-05	7.11E-05	8.09E-05	8.94E-05	1.69E-07	1.29E-05	2.24E-05	7.84E-06	0.00E+00
Missouri	Boone County	29019	U	Benzene	5.94E-01	5.98E-01	7.29E-01	9.23E-01	9.51E-01	1.10E+00	1.47E+00	1.63E+00	3.83E-04	9.88E-02	3.07E-01	6.40E-02	4.80E-01
Missouri	Boone County	29019	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
Missouri	Boone County	29019	U	Beryllium Compounds	4.26E-07	5.11E-07	9.10E-07	1.88E-06	4.15E-06	5.67E-06	1.35E-05	1.49E-05	8.92E-09	4.00E-06	0.00E+00	1.43E-07	0.00E+00
Missouri	Boone County	29019	U	1,3-Butadiene	4.17E-03	4.19E-03	1.29E-02	2.69E-02	3.21E-02	4.02E-02	8.02E-02	9.21E-02	0.00E+00	3.92E-04	2.48E-02	6.88E-03	0.00E+00
Missouri	Boone County	29019	U	Cadmium Compounds	7.76E-07	9.09E-07	1.61E-06	3.37E-06	6.00E-06	7.78E-06	1.84E-05	1.95E-05	2.22E-08	5.81E-06	0.00E+00	1.66E-07	0.00E+00
Missouri	Boone County	29019	U	Carbon Disulfide	4.71E-02	4.72E-02	4.72E-02	4.77E-02	4.81E-02	4.84E-02	5.04E-02	5.08E-02	6.21E-08	1.07E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Boone County	29019	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	2.70E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Boone County	29019	U	Chloroform	8.60E-02	8.62E-02	8.97E-02	1.01E-01	1.03E-01	1.15E-01	1.23E-01	1.25E-01	0.00E+00	2.03E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Boone County	29019	U	Chromium Compounds (includes Hexavalent)	6.75E-06	8.01E-06	5.98E-05	7.51E-05	7.20E-05	9.41E-05	1.06E-04	1.09E-04	3.56E-05	1.71E-05	1.83E-05	1.01E-06	0.00E+00
Missouri	Boone County	29019	U	Chromium VI	2.90E-06	3.17E-06	2.20E-05	2.76E-05	2.72E-05	3.64E-05	4.21E-05	4.32E-05	1.21E-05	7.44E-06	7.30E-06	3.44E-07	0.00E+00
Missouri	Boone County	29019	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
Missouri	Boone County	29019	U	1,4-Dichlorobenzene	2.85E-03	2.90E-03	6.31E-03	1.70E-02	1.93E-02	2.63E-02	3.62E-02	3.92E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	1,3-Dichloropropene	5.59E-03	5.66E-03	1.26E-02	3.46E-02	3.91E-02	5.34E-02	7.28E-02	7.95E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	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	2.82E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Boone County	29019	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	1.91E-08	6.30E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Boone County	29019	U	Ethylene Oxide	1.26E-04	1.37E-04	3.38E-04	1.10E-03	2.77E-03	4.74E-03	7.71E-03	9.74E-03	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	Formaldehyde	3.12E-01	3.26E-01	3.72E-01	4.19E-01	4.43E-01	4.70E-01	6.30E-01	6.73E-01	1.15E-02	9.62E-03	1.20E-01	5.17E-02	2.50E-01
Missouri	Boone County	29019	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.35E-05	9.35E-05	9.38E-05	9.40E-05	9.42E-05	0.00E+00	5.07E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Boone County	29019	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	1.55E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Boone County	29019	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	9.04E-08	1.13E-07	1.69E-07	2.95E-07	4.80E-07	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	Hydrazine	0.00E+00	2.77E-12	1.79E-10	2.24E-10	2.62E-10	2.52E-10	3.44E-10	6.60E-10	0.00E+00	2.62E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	Lead Compounds	2.97E-04	3.36E-04	6.25E-04	8.34E-04	9.62E-04	1.26E-03	1.74E-03	1.91E-03	2.31E-06	7.61E-04	0.00E+00	1.99E-04	0.00E+00
Missouri	Boone County	29019	U	Manganese Compounds	7.63E-06	2.11E-05	3.03E-05	4.37E-05	4.78E-05	5.74E-05	9.00E-05	9.10E-05	4.44E-07	4.04E-05	5.95E-06	1.03E-06	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Boone County	29019	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.58E-03	2.71E-08	1.14E-05	2.25E-05	6.39E-06	1.50E-03
Missouri	Boone County	29019	U	Methylene Chloride	1.68E-01	1.69E-01	2.04E-01	2.71E-01	3.78E-01	4.65E-01	7.49E-01	1.07E+00	1.33E-03	2.27E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Boone County	29019	U	Nickel Compounds	1.75E-05	3.00E-05	3.75E-05	1.01E-04	9.42E-05	1.28E-04	1.97E-04	2.02E-04	3.36E-07	7.30E-05	1.36E-05	7.28E-06	0.00E+00
Missouri	Boone County	29019	U	Perchloroethylene	1.45E-01	1.46E-01	1.49E-01	1.58E-01	1.78E-01	1.77E-01	2.11E-01	2.23E-01	1.88E-08	3.76E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Boone County	29019	U	Polychlorinated Biphenyls	3.90E-04	3.93E-04	4.00E-04	4.36E-04	4.41E-04	4.74E-04	4.98E-04	5.34E-04	0.00E+00	6.07E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Boone County	29019	U	Polycyclic Organic Matter	7.43E-03	7.59E-03	1.38E-02	2.68E-02	2.68E-02	3.54E-02	5.13E-02	5.19E-02	2.38E-05	1.98E-02	6.05E-03	9.69E-04	0.00E+00
Missouri	Boone County	29019	U	7-PAH	3.19E-04	3.30E-04	3.92E-04	5.42E-04	5.92E-04	7.16E-04	1.01E-03	1.10E-03	1.81E-10	5.39E-04	3.96E-05	1.30E-05	0.00E+00
Missouri	Boone County	29019	U	Propylene Dichloride	2.16E-06	2.38E-06	3.49E-06	7.23E-06	3.27E-05	2.68E-05	5.38E-05	8.84E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	Quinoline	0.00E+00	8.37E-11	6.40E-09	7.90E-09	7.90E-09	8.39E-09	1.09E-08	1.73E-08	0.00E+00	7.90E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	1,1,2,2-Tetrachloroethane	1.55E-05	1.65E-05	2.23E-05	5.12E-05	2.73E-04	2.07E-04	4.65E-04	7.34E-04	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Boone County	29019	U	Trichloroethylene	8.37E-02	8.43E-02	8.92E-02	9.52E-02	1.03E-01	1.09E-01	1.38E-01	1.42E-01	3.24E-04	2.18E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Boone County	29019	U	Vinyl Chloride	4.28E-04	4.76E-04	1.07E-03	2.55E-03	4.28E-03	4.99E-03	9.18E-03	1.59E-02	3.60E-03	6.81E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Acetaldehyde	8.39E-02	1.41E-01	2.11E-01	2.46E-01	2.34E-01	2.74E-01	3.23E-01	3.30E-01	5.35E-03	1.95E-02	1.72E-01	3.71E-02	0.00E+00
Missouri	Buchanan County	29021	U	Acrolein	1.34E-02	2.30E-02	3.79E-02	4.15E-02	3.96E-02	4.64E-02	5.03E-02	5.13E-02	2.79E-04	5.36E-03	2.95E-02	4.48E-03	0.00E+00
Missouri	Buchanan County	29021	U	Acrylonitrile	1.50E-04	2.00E-04	3.71E-04	7.08E-04	9.22E-04	1.32E-03	1.99E-03	2.08E-03	3.90E-07	9.21E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Arsenic Compounds	2.75E-05	2.89E-05	6.25E-05	6.83E-05	6.99E-05	7.86E-05	1.02E-04	1.15E-04	1.44E-05	1.10E-05	3.63E-05	8.18E-06	0.00E+00
Missouri	Buchanan County	29021	U	Benzene	6.04E-01	7.34E-01	1.08E+00	1.18E+00	1.14E+00	1.32E+00	1.38E+00	1.38E+00	2.78E-04	6.90E-02	5.32E-01	6.05E-02	4.80E-01
Missouri	Buchanan County	29021	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
Missouri	Buchanan County	29021	U	Beryllium Compounds	1.45E-06	2.31E-06	4.01E-06	6.50E-06	2.82E-05	1.18E-05	3.22E-05	9.46E-05	5.92E-07	2.51E-05	0.00E+00	2.48E-06	0.00E+00
Missouri	Buchanan County	29021	U	1,3-Butadiene	4.55E-03	1.12E-02	3.94E-02	5.10E-02	4.88E-02	6.23E-02	7.00E-02	7.07E-02	6.24E-05	3.75E-04	4.23E-02	6.14E-03	0.00E+00
Missouri	Buchanan County	29021	U	Cadmium Compounds	2.03E-06	3.37E-06	5.99E-05	6.71E-05	5.95E-05	7.44E-05	7.86E-05	8.44E-05	5.26E-05	4.44E-06	0.00E+00	2.48E-06	0.00E+00
Missouri	Buchanan County	29021	U	Carbon Disulfide	4.74E-02	4.79E-02	4.89E-02	4.94E-02	5.07E-02	5.04E-02	5.31E-02	5.99E-02	4.83E-04	3.18E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Buchanan County	29021	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	3.43E-06	2.85E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Buchanan County	29021	U	Chloroform	8.56E-02	8.86E-02	1.04E-01	1.15E-01	1.13E-01	1.25E-01	1.31E-01	1.41E-01	4.99E-07	2.97E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Buchanan County	29021	U	Chromium Compounds (includes Hexavalent)	1.60E-05	1.70E-05	4.03E-05	5.05E-05	7.21E-05	6.85E-05	8.86E-05	1.05E-04	7.40E-06	3.41E-05	2.93E-05	1.37E-06	0.00E+00
Missouri	Buchanan County	29021	U	Chromium VI	3.41E-06	5.89E-06	1.49E-05	1.88E-05	2.58E-05	2.42E-05	3.13E-05	3.59E-05	8.16E-07	1.27E-05	1.18E-05	4.67E-07	0.00E+00
Missouri	Buchanan County	29021	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
Missouri	Buchanan County	29021	U	1,4-Dichlorobenzene	2.47E-03	4.74E-03	1.67E-02	2.48E-02	2.35E-02	3.03E-02	3.73E-02	4.51E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	1,3-Dichloropropene	4.74E-03	9.17E-03	3.37E-02	5.03E-02	4.75E-02	6.11E-02	7.58E-02	9.18E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	9.87E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Buchanan County	29021	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	1.21E-06	1.14E-04	0.00E+00	0.00E+00	6.10E-02
Missouri	Buchanan County	29021	U	Ethylene Oxide	5.89E-05	1.18E-04	1.80E-04	3.31E-04	5.78E-04	6.16E-04	1.22E-03	1.77E-03	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Formaldehyde	3.45E-01	4.00E-01	5.22E-01	5.71E-01	5.55E-01	6.17E-01	6.52E-01	6.56E-01	8.19E-03	2.42E-02	2.10E-01	6.28E-02	2.50E-01
Missouri	Buchanan County	29021	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	0.00E+00	1.49E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Buchanan County	29021	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	1.47E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Buchanan County	29021	U	Hexamethylene Diisocyanate	2.88E-06	3.29E-06	4.43E-06	8.60E-06	1.02E-05	1.62E-05	1.79E-05	2.36E-05	1.01E-05	6.31E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Hydrazine	3.62E-09	1.64E-08	2.96E-08	6.96E-08	2.05E-07	1.15E-07	3.16E-07	1.17E-06	0.00E+00	2.05E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Lead Compounds	3.05E-04	4.71E-04	7.16E-04	8.69E-04	1.28E-03	1.15E-03	1.80E-03	2.17E-03	1.88E-05	1.15E-03	0.00E+00	1.16E-04	0.00E+00
Missouri	Buchanan County	29021	U	Manganese Compounds	7.04E-05	1.05E-04	1.16E-04	1.87E-04	2.05E-04	2.47E-04	3.53E-04	3.74E-04	1.20E-04	7.49E-05	9.59E-06	1.06E-06	0.00E+00
Missouri	Buchanan County	29021	U	Mercury Compounds	1.51E-03	1.52E-03	1.55E-03	1.55E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	1.60E-08	8.57E-06	3.64E-05	9.29E-06	1.50E-03
Missouri	Buchanan County	29021	U	Methylene Chloride	1.68E-01	1.77E-01	2.24E-01	2.42E-01	2.49E-01	2.69E-01	3.12E-01	3.32E-01	1.73E-03	9.69E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Buchanan County	29021	U	Nickel Compounds	4.83E-05	5.19E-05	1.38E-04	1.96E-04	2.75E-04	3.61E-04	5.33E-04	8.84E-04	1.31E-05	2.36E-04	2.20E-05	4.18E-06	0.00E+00
Missouri	Buchanan County	29021	U	Perchloroethylene	1.63E-01	1.66E-01	1.78E-01	1.85E-01	1.89E-01	2.00E-01	2.18E-01	2.23E-01	7.58E-03	4.10E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Buchanan County	29021	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.86E-04	3.87E-04	3.90E-04	3.94E-04	3.98E-04	3.98E-04	0.00E+00	1.00E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Buchanan County	29021	U	Polycyclic Organic Matter	8.97E-03	1.49E-02	2.84E-02	3.69E-02	3.66E-02	4.68E-02	5.54E-02	5.77E-02	2.26E-05	2.53E-02	9.97E-03	1.31E-03	0.00E+00
Missouri	Buchanan County	29021	U	7-PAH	3.40E-04	3.59E-04	5.17E-04	6.34E-04	6.86E-04	7.89E-04	1.01E-03	1.22E-03	1.20E-08	6.06E-04	6.41E-05	1.52E-05	0.00E+00
Missouri	Buchanan County	29021	U	Propylene Dichloride	9.25E-06	1.20E-05	2.14E-05	4.37E-05	5.75E-05	7.98E-05	1.26E-04	1.26E-04	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Quinoline	4.92E-08	8.05E-08	1.44E-07	3.31E-07	6.64E-07	4.92E-07	1.30E-06	3.19E-06	0.00E+00	6.64E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	1,1,2,2-Tetrachloroethane	7.54E-05	1.01E-04	1.66E-04	3.49E-04	4.52E-04	5.48E-04	1.02E-03	1.12E-03	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Buchanan County	29021	U	Trichloroethylene	8.23E-02	8.29E-02	8.86E-02	9.08E-02	9.33E-02	9.53E-02	1.02E-01	1.08E-01	5.27E-06	1.23E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Buchanan County	29021	U	Vinyl Chloride	1.88E-04	2.51E-04	4.13E-04	8.72E-04	1.13E-03	1.40E-03	2.55E-03	2.76E-03	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	Acetaldehyde	4.49E-02	4.49E-02	4.97E-02	8.73E-02	9.42E-02	1.37E-01	1.66E-01	1.66E-01	0.00E+00	8.50E-03	6.29E-02	2.28E-02	0.00E+00
Missouri	Butler County	29023	R	Acrolein	8.94E-03	8.94E-03	1.24E-02	2.04E-02	2.11E-02	3.17E-02	3.26E-02	3.26E-02	0.00E+00	7.26E-03	1.15E-02	2.35E-03	0.00E+00
Missouri	Butler County	29023	R	Acrylonitrile	5.72E-05	5.72E-05	1.19E-04	3.57E-04	4.84E-04	4.82E-04	1.92E-03	1.92E-03	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	Arsenic Compounds	7.87E-06	7.87E-06	1.08E-05	2.77E-05	3.01E-05	4.86E-05	5.60E-05	5.60E-05	1.40E-07	5.16E-06	1.71E-05	7.62E-06	0.00E+00
Missouri	Butler County	29023	R	Benzene	5.65E-01	5.65E-01	5.85E-01	7.63E-01	7.96E-01	9.70E-01	1.11E+00	1.11E+00	0.00E+00	8.24E-02	2.02E-01	3.22E-02	4.80E-01
Missouri	Butler County	29023	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
Missouri	Butler County	29023	R	Beryllium Compounds	3.55E-07	3.55E-07	6.99E-07	2.68E-06	2.14E-06	3.09E-06	4.97E-06	4.97E-06	0.00E+00	1.23E-06	0.00E+00	9.09E-07	0.00E+00
Missouri	Butler County	29023	R	1,3-Butadiene	2.98E-03	2.98E-03	4.28E-03	1.79E-02	2.03E-02	3.15E-02	4.68E-02	4.68E-02	0.00E+00	1.10E-03	1.62E-02	3.01E-03	0.00E+00
Missouri	Butler County	29023	R	Cadmium Compounds	6.42E-07	6.42E-07	1.11E-06	4.24E-06	3.41E-06	4.49E-06	7.94E-06	7.94E-06	3.78E-08	2.47E-06	0.00E+00	9.07E-07	0.00E+00
Missouri	Butler County	29023	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.78E-02	4.80E-02	4.83E-02	5.07E-02	5.07E-02	0.00E+00	1.04E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Butler County	29023	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-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Butler County	29023	R	Chloroform	8.40E-02	8.40E-02	8.44E-02	8.79E-02	8.84E-02	9.20E-02	9.44E-02	9.44E-02	0.00E+00	5.41E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Butler County	29023	R	Chromium Compounds (includes Hexavalent)	7.35E-06	7.35E-06	5.57E-05	7.64E-05	7.84E-05	1.01E-04	1.59E-04	1.59E-04	2.81E-07	6.57E-05	1.18E-05	6.05E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Butler County	29023	R	Chromium VI	2.75E-06	2.75E-06	2.03E-05	2.66E-05	2.81E-05	3.66E-05	5.68E-05	5.68E-05	1.57E-07	2.30E-05	4.76E-06	2.06E-07	0.00E+00
Missouri	Butler County	29023	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
Missouri	Butler County	29023	R	1,4-Dichlorobenzene	2.05E-03	2.05E-03	2.66E-03	8.73E-03	1.03E-02	1.59E-02	2.33E-02	2.33E-02	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	1,3-Dichloropropene	3.97E-03	3.97E-03	5.13E-03	1.76E-02	2.07E-02	3.18E-02	4.74E-02	4.74E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	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	3.64E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Butler County	29023	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	5.58E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Butler County	29023	R	Ethylene Oxide	3.87E-05	3.87E-05	1.65E-04	5.04E-04	1.20E-03	1.60E-03	4.76E-03	4.76E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	Formaldehyde	3.10E-01	3.10E-01	3.23E-01	3.87E-01	4.01E-01	4.82E-01	5.12E-01	5.12E-01	1.84E-05	2.52E-02	8.32E-02	4.24E-02	2.50E-01
Missouri	Butler County	29023	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.36E-05	9.37E-05	9.41E-05	9.45E-05	9.45E-05	0.00E+00	7.13E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Butler County	29023	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	8.85E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Butler County	29023	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
Missouri	Butler County	29023	R	Hydrazine	3.09E-10	3.09E-10	1.04E-09	8.27E-09	4.90E-08	1.99E-08	3.22E-07	3.22E-07	0.00E+00	4.90E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	Lead Compounds	2.53E-05	2.53E-05	7.74E-05	8.32E-05	1.49E-04	1.89E-04	5.33E-04	5.33E-04	8.01E-07	3.09E-05	0.00E+00	1.17E-04	0.00E+00
Missouri	Butler County	29023	R	Manganese Compounds	3.72E-06	3.72E-06	4.18E-05	4.56E-05	4.86E-05	5.00E-05	1.36E-04	1.36E-04	2.24E-05	2.17E-05	3.83E-06	7.15E-07	0.00E+00
Missouri	Butler County	29023	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.55E-03	1.57E-03	1.57E-03	1.10E-08	7.60E-06	1.90E-05	7.33E-06	1.50E-03
Missouri	Butler County	29023	R	Methylene Chloride	1.57E-01	1.57E-01	1.61E-01	2.04E-01	2.04E-01	2.46E-01	2.51E-01	2.51E-01	0.00E+00	5.36E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Butler County	29023	R	Nickel Compounds	9.53E-06	9.53E-06	2.03E-05	9.86E-05	9.41E-05	1.07E-04	3.34E-04	3.34E-04	3.46E-08	8.42E-05	8.74E-06	1.21E-06	0.00E+00
Missouri	Butler County	29023	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.50E-01	1.51E-01	1.57E-01	1.66E-01	1.66E-01	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Butler County	29023	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.95E-04	4.40E-04	4.61E-04	5.13E-04	5.64E-04	5.64E-04	0.00E+00	8.14E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Butler County	29023	R	Polycyclic Organic Matter	5.45E-03	5.45E-03	7.77E-03	1.89E-02	2.08E-02	3.43E-02	3.79E-02	3.79E-02	1.87E-10	1.61E-02	3.98E-03	6.86E-04	0.00E+00
Missouri	Butler County	29023	R	7-PAH	2.87E-04	2.87E-04	5.09E-04	9.17E-04	1.02E-03	1.56E-03	1.75E-03	1.75E-03	1.73E-12	9.85E-04	2.74E-05	7.16E-06	0.00E+00
Missouri	Butler County	29023	R	Propylene Dichloride	3.35E-06	3.35E-06	7.03E-06	2.15E-05	2.88E-05	2.73E-05	1.19E-04	1.19E-04	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	Quinoline	7.75E-09	7.75E-09	1.98E-08	4.36E-08	1.55E-07	1.14E-07	8.83E-07	8.83E-07	0.00E+00	1.55E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	1,1,2,2-Tetrachloroethane	2.82E-05	2.82E-05	6.01E-05	1.88E-04	2.38E-04	2.18E-04	9.92E-04	9.92E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Butler County	29023	R	Trichloroethylene	8.17E-02	8.17E-02	8.22E-02	8.97E-02	8.92E-02	9.52E-02	9.81E-02	9.81E-02	0.00E+00	8.17E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Butler County	29023	R	Vinyl Chloride	7.06E-05	7.06E-05	1.49E-04	4.65E-04	5.90E-04	5.42E-04	2.47E-03	2.47E-03	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	Acetaldehyde	2.19E-02	2.19E-02	2.19E-02	2.69E-02	2.69E-02	3.19E-02	3.19E-02	3.19E-02	2.42E-07	1.99E-03	1.39E-02	1.10E-02	0.00E+00
Missouri	Caldwell County	29025	R	Acrolein	3.86E-03	3.86E-03	3.86E-03	4.55E-03	4.55E-03	5.25E-03	5.25E-03	5.25E-03	2.38E-08	8.35E-04	2.91E-03	8.10E-04	0.00E+00
Missouri	Caldwell County	29025	R	Acrylonitrile	1.49E-05	1.49E-05	1.49E-05	2.37E-05	2.37E-05	3.24E-05	3.24E-05	3.24E-05	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	Arsenic Compounds	4.43E-06	4.43E-06	4.43E-06	5.73E-06	5.73E-06	7.04E-06	7.04E-06	7.04E-06	4.59E-08	2.72E-07	3.13E-06	2.29E-06	0.00E+00
Missouri	Caldwell County	29025	R	Benzene	5.16E-01	5.16E-01	5.16E-01	5.28E-01	5.28E-01	5.39E-01	5.39E-01	5.39E-01	1.67E-07	1.10E-02	3.05E-02	6.15E-03	4.80E-01
Missouri	Caldwell County	29025	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
Missouri	Caldwell County	29025	R	Beryllium Compounds	5.75E-07	5.75E-07	5.75E-07	7.52E-07	7.52E-07	9.29E-07	9.29E-07	9.29E-07	2.39E-09	6.95E-08	0.00E+00	6.80E-07	0.00E+00
Missouri	Caldwell County	29025	R	1,3-Butadiene	1.09E-03	1.09E-03	1.09E-03	1.86E-03	1.86E-03	2.64E-03	2.64E-03	2.64E-03	0.00E+00	1.42E-04	1.38E-03	3.35E-04	0.00E+00
Missouri	Caldwell County	29025	R	Cadmium Compounds	6.92E-07	6.92E-07	6.92E-07	8.55E-07	8.55E-07	1.02E-06	1.02E-06	1.02E-06	5.91E-09	1.68E-07	0.00E+00	6.81E-07	0.00E+00
Missouri	Caldwell County	29025	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	1.67E-08	5.79E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Caldwell County	29025	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	1.43E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Caldwell County	29025	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	0.00E+00	4.02E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Caldwell County	29025	R	Chromium Compounds (includes Hexavalent)	5.92E-06	5.92E-06	5.92E-06	9.56E-06	9.56E-06	1.32E-05	1.32E-05	1.32E-05	2.98E-08	7.38E-06	1.91E-06	2.38E-07	0.00E+00
Missouri	Caldwell County	29025	R	Chromium VI	2.20E-06	2.20E-06	2.20E-06	3.07E-06	3.07E-06	3.95E-06	3.95E-06	3.95E-06	5.37E-09	2.22E-06	7.63E-07	8.09E-08	0.00E+00
Missouri	Caldwell County	29025	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
Missouri	Caldwell County	29025	R	1,4-Dichlorobenzene	9.61E-04	9.61E-04	9.61E-04	1.11E-03	1.11E-03	1.26E-03	1.26E-03	1.26E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	1,3-Dichloropropene	1.83E-03	1.83E-03	1.83E-03	2.14E-03	2.14E-03	2.45E-03	2.45E-03	2.45E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	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	1.42E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Caldwell County	29025	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	5.14E-09	2.56E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Caldwell County	29025	R	Ethylene Oxide	1.49E-05	1.49E-05	1.49E-05	1.56E-05	1.56E-05	1.63E-05	1.63E-05	1.63E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	Formaldehyde	2.81E-01	2.81E-01	2.81E-01	2.86E-01	2.86E-01	2.90E-01	2.90E-01	2.90E-01	3.04E-08	3.84E-03	1.44E-02	1.76E-02	2.50E-01
Missouri	Caldwell County	29025	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	1.34E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Caldwell County	29025	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	6.86E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Caldwell County	29025	R	Hexamethylene Diisocyanate	6.52E-07	6.52E-07	6.52E-07	1.45E-06	1.45E-06	2.25E-06	2.25E-06	2.25E-06	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	Hydrazine	1.68E-11	1.68E-11	1.68E-11	1.00E-10	1.00E-10	1.84E-10	1.84E-10	1.84E-10	0.00E+00	1.00E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	Lead Compounds	1.79E-05	1.79E-05	1.79E-05	2.45E-05	2.45E-05	3.10E-05	3.10E-05	3.10E-05	4.85E-08	5.75E-06	0.00E+00	1.86E-05	0.00E+00
Missouri	Caldwell County	29025	R	Manganese Compounds	1.82E-06	1.82E-06	1.82E-06	2.10E-06	2.10E-06	2.38E-06	2.38E-06	2.38E-06	4.00E-07	8.32E-07	5.93E-07	2.73E-07	0.00E+00
Missouri	Caldwell County	29025	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	2.16E-07	3.67E-06	2.83E-06	1.50E-03
Missouri	Caldwell County	29025	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.55E-01	1.55E-01	3.28E-08	4.92E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Caldwell County	29025	R	Nickel Compounds	5.81E-06	5.81E-06	5.81E-06	6.92E-06	6.92E-06	8.03E-06	8.03E-06	8.03E-06	3.13E-08	4.09E-06	1.43E-06	1.37E-06	0.00E+00
Missouri	Caldwell County	29025	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	4.87E-09	9.12E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Caldwell County	29025	R	Polychlorinated Biphenyls	3.89E-04	3.89E-04	3.89E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04	0.00E+00	9.59E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Caldwell County	29025	R	Polycyclic Organic Matter	2.57E-03	2.57E-03	2.57E-03	2.99E-03	2.99E-03	3.40E-03	3.40E-03	3.40E-03	2.32E-09	2.11E-03	6.45E-04	2.29E-04	0.00E+00
Missouri	Caldwell County	29025	R	7-PAH	1.36E-04	1.36E-04	1.36E-04	1.46E-04	1.46E-04	1.56E-04	1.56E-04	1.56E-04	4.74E-11	1.39E-04	4.75E-06	2.68E-06	0.00E+00
Missouri	Caldwell County	29025	R	Propylene Dichloride	7.68E-07	7.68E-07	7.68E-07	1.34E-06	1.34E-06	1.91E-06	1.91E-06	1.91E-06	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	Quinoline	3.95E-10	3.95E-10	3.95E-10	3.58E-09	3.58E-09	6.77E-09	6.77E-09	6.77E-09	0.00E+00	3.58E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	R	1,1,2,2-Tetrachloroethane	5.81E-06	5.81E-06	5.81E-06	1.09E-05	1.09E-05	1.61E-05	1.61E-05	1.61E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Caldwell County	29025	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	2.49E-04	0.00E+00	0.00E+00	8.10E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Caldwell County	29025	R	Vinyl Chloride	1.43E-05	1.43E-05	1.43E-05	2.71E-05	2.71E-05	3.98E-05	3.98E-05	3.98E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	Acetaldehyde	3.44E-02	3.44E-02	4.09E-02	4.98E-02	4.93E-02	5.78E-02	6.33E-02	6.33E-02	8.74E-04	2.95E-03	3.60E-02	9.56E-03	0.00E+00
Missouri	Callaway County	29027	R	Acrolein	7.86E-03	7.86E-03	8.65E-03	1.14E-02	1.15E-02	1.43E-02	1.52E-02	1.52E-02	4.83E-07	3.27E-03	6.81E-03	1.39E-03	0.00E+00
Missouri	Callaway County	29027	R	Acrylonitrile	1.70E-05	1.70E-05	1.91E-05	4.52E-05	1.03E-04	1.19E-04	4.43E-04	4.43E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	Arsenic Compounds	8.04E-06	8.04E-06	9.09E-06	1.28E-05	1.41E-05	1.75E-05	2.64E-05	2.64E-05	8.98E-07	2.39E-06	8.27E-06	2.59E-06	0.00E+00
Missouri	Callaway County	29027	R	Benzene	5.57E-01	5.57E-01	5.74E-01	6.09E-01	6.33E-01	6.82E-01	7.78E-01	7.78E-01	1.79E-04	4.04E-02	9.33E-02	1.94E-02	4.80E-01
Missouri	Callaway County	29027	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
Missouri	Callaway County	29027	R	Beryllium Compounds	2.62E-07	2.62E-07	3.50E-07	7.20E-07	9.00E-07	1.21E-06	2.36E-06	2.36E-06	4.67E-08	5.57E-07	0.00E+00	2.96E-07	0.00E+00
Missouri	Callaway County	29027	R	1,3-Butadiene	3.09E-03	3.09E-03	4.32E-03	6.46E-03	7.83E-03	1.11E-02	1.59E-02	1.59E-02	0.00E+00	6.07E-04	5.97E-03	1.25E-03	0.00E+00
Missouri	Callaway County	29027	R	Cadmium Compounds	4.98E-07	4.98E-07	6.31E-07	1.13E-06	1.48E-06	1.91E-06	3.97E-06	3.97E-06	1.15E-07	1.05E-06	0.00E+00	3.13E-07	0.00E+00
Missouri	Callaway County	29027	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.74E-02	4.79E-02	4.79E-02	3.18E-07	2.97E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Callaway County	29027	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	6.95E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Callaway County	29027	R	Chloroform	8.42E-02	8.42E-02	8.43E-02	8.46E-02	8.54E-02	8.59E-02	8.89E-02	8.89E-02	0.00E+00	2.35E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Callaway County	29027	R	Chromium Compounds (includes Hexavalent)	6.60E-06	6.60E-06	1.50E-05	2.76E-05	7.07E-05	1.03E-04	2.68E-04	2.68E-04	3.46E-05	3.02E-05	5.62E-06	3.51E-07	0.00E+00
Missouri	Callaway County	29027	R	Chromium VI	2.50E-06	2.50E-06	5.81E-06	1.03E-05	2.46E-05	3.52E-05	9.15E-05	9.15E-05	1.17E-05	1.06E-05	2.23E-06	1.19E-07	0.00E+00
Missouri	Callaway County	29027	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
Missouri	Callaway County	29027	R	1,4-Dichlorobenzene	1.33E-03	1.33E-03	1.71E-03	2.96E-03	5.14E-03	7.41E-03	1.57E-02	1.57E-02	0.00E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	1,3-Dichloropropene	2.56E-03	2.56E-03	3.31E-03	5.84E-03	1.03E-02	1.49E-02	3.18E-02	3.18E-02	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	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	5.65E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Callaway County	29027	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	9.80E-08	1.09E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Callaway County	29027	R	Ethylene Oxide	4.48E-05	4.48E-05	5.69E-05	8.04E-05	1.30E-04	1.84E-04	3.55E-04	3.55E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	Formaldehyde	3.02E-01	3.02E-01	3.09E-01	3.26E-01	3.24E-01	3.36E-01	3.50E-01	3.50E-01	5.31E-03	1.06E-02	4.20E-02	1.64E-02	2.50E-01
Missouri	Callaway County	29027	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.36E-05	9.46E-05	9.46E-05	0.00E+00	4.41E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Callaway County	29027	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	3.80E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Callaway County	29027	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	2.42E-08	7.84E-08	3.60E-07	3.05E-07	2.07E-06	2.07E-06	0.00E+00	3.60E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	Hydrazine	8.92E-13	8.92E-13	8.06E-11	1.13E-10	8.93E-10	1.42E-09	3.92E-09	3.92E-09	0.00E+00	8.93E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	Lead Compounds	1.35E-04	1.35E-04	1.72E-04	2.58E-04	2.73E-04	3.74E-04	4.40E-04	4.40E-04	7.63E-06	8.39E-05	0.00E+00	1.81E-04	0.00E+00
Missouri	Callaway County	29027	R	Manganese Compounds	4.65E-06	4.65E-06	9.23E-06	1.38E-05	2.67E-05	3.61E-05	9.06E-05	9.06E-05	1.92E-06	2.26E-05	1.77E-06	4.49E-07	0.00E+00
Missouri	Callaway County	29027	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	3.89E-08	2.09E-06	9.18E-06	2.59E-06	1.50E-03
Missouri	Callaway County	29027	R	Methylene Chloride	1.60E-01	1.60E-01	1.63E-01	1.66E-01	1.80E-01	1.90E-01	2.45E-01	2.45E-01	2.05E-03	2.84E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Callaway County	29027	R	Nickel Compounds	1.39E-05	1.39E-05	1.72E-05	2.53E-05	5.44E-05	7.66E-05	1.84E-04	1.84E-04	1.42E-06	4.36E-05	4.20E-06	5.23E-06	0.00E+00
Missouri	Callaway County	29027	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.49E-01	1.54E-01	1.66E-01	1.66E-01	9.48E-08	9.16E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Callaway County	29027	R	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.90E-04	3.99E-04	4.31E-04	4.49E-04	5.86E-04	5.86E-04	0.00E+00	5.13E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Callaway County	29027	R	Polycyclic Organic Matter	3.77E-03	3.77E-03	4.75E-03	7.32E-03	9.06E-03	1.19E-02	2.09E-02	2.09E-02	1.02E-05	6.81E-03	1.90E-03	3.46E-04	0.00E+00
Missouri	Callaway County	29027	R	7-PAH	2.11E-04	2.11E-04	2.31E-04	3.62E-04	4.74E-04	6.05E-04	1.18E-03	1.18E-03	9.14E-10	4.54E-04	1.34E-05	5.81E-06	0.00E+00
Missouri	Callaway County	29027	R	Propylene Dichloride	9.12E-07	9.12E-07	1.10E-06	2.52E-06	5.67E-06	5.89E-06	2.55E-05	2.55E-05	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	Quinoline	3.92E-11	3.92E-11	2.35E-09	3.75E-09	1.38E-08	2.59E-08	4.62E-08	4.62E-08	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	1,1,2,2-Tetrachloroethane	2.77E-06	2.77E-06	4.46E-06	2.02E-05	4.46E-05	4.20E-05	2.21E-04	2.21E-04	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Callaway County	29027	R	Trichloroethylene	8.18E-02	8.18E-02	8.22E-02	8.26E-02	8.40E-02	8.50E-02	9.02E-02	9.02E-02	0.00E+00	2.95E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Callaway County	29027	R	Vinyl Chloride	1.10E-04	1.10E-04	1.57E-04	2.29E-04	3.06E-04	4.04E-04	7.56E-04	7.56E-04	1.94E-04	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	Acetaldehyde	3.08E-02	3.77E-02	4.29E-02	7.16E-02	6.48E-02	8.43E-02	8.72E-02	9.78E-02	0.00E+00	1.10E-02	3.39E-02	2.00E-02	0.00E+00
Missouri	Camden County	29029	R	Acrolein	9.01E-03	1.03E-02	1.22E-02	1.84E-02	1.62E-02	1.92E-02	2.00E-02	2.31E-02	0.00E+00	5.09E-03	6.15E-03	5.01E-03	0.00E+00
Missouri	Camden County	29029	R	Acrylonitrile	1.23E-05	2.09E-05	3.61E-05	4.49E-05	2.09E-04	1.35E-04	3.88E-04	1.44E-03	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	Arsenic Compounds	5.12E-06	6.34E-06	6.38E-06	1.24E-05	1.25E-05	1.59E-05	1.79E-05	2.32E-05	0.00E+00	1.56E-06	8.70E-06	2.21E-06	0.00E+00
Missouri	Camden County	29029	R	Benzene	5.66E-01	5.86E-01	6.33E-01	7.45E-01	7.25E-01	8.09E-01	8.33E-01	8.46E-01	0.00E+00	5.20E-02	8.50E-02	1.08E-01	4.80E-01
Missouri	Camden County	29029	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
Missouri	Camden County	29029	R	Beryllium Compounds	1.38E-07	1.46E-07	1.98E-07	3.62E-07	4.44E-07	6.13E-07	9.05E-07	1.06E-06	0.00E+00	4.12E-07	0.00E+00	3.22E-08	0.00E+00
Missouri	Camden County	29029	R	1,3-Butadiene	2.85E-03	4.59E-03	6.35E-03	1.59E-02	1.31E-02	1.86E-02	1.87E-02	2.27E-02	0.00E+00	1.22E-03	5.68E-03	6.22E-03	0.00E+00
Missouri	Camden County	29029	R	Cadmium Compounds	3.31E-07	3.64E-07	4.81E-07	7.64E-07	8.83E-07	1.13E-06	1.40E-06	1.94E-06	0.00E+00	8.52E-07	0.00E+00	3.18E-08	0.00E+00
Missouri	Camden County	29029	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.74E-02	4.75E-02	4.75E-02	0.00E+00	2.28E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Camden County	29029	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	5.38E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Camden County	29029	R	Chloroform	8.37E-02	8.39E-02	8.42E-02	8.55E-02	8.52E-02	8.61E-02	8.63E-02	8.71E-02	0.00E+00	2.24E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Camden County	29029	R	Chromium Compounds (includes Hexavalent)	3.75E-06	6.62E-06	7.18E-06	8.56E-05	7.29E-05	1.31E-04	1.51E-04	1.64E-04	3.33E-07	6.63E-05	5.32E-06	9.43E-07	0.00E+00
Missouri	Camden County	29029	R	Chromium VI	1.49E-06	2.66E-06	2.86E-06	5.18E-05	6.25E-05	1.19E-04	1.36E-04	1.53E-04	1.13E-07	5.99E-05	2.15E-06	3.20E-07	0.00E+00
Missouri	Camden County	29029	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
Missouri	Camden County	29029	R	1,4-Dichlorobenzene	1.27E-03	1.60E-03	1.80E-03	4.34E-03	3.76E-03	4.85E-03	5.27E-03	6.94E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	1,3-Dichloropropene	2.43E-03	3.11E-03	3.47E-03	8.74E-03	7.48E-03	9.69E-03	1.06E-02	1.40E-02	0.00E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	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-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Camden County	29029	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.12E-02	0.00E+00	2.43E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Camden County	29029	R	Ethylene Oxide	1.29E-05	1.96E-05	2.91E-05	6.84E-05	1.21E-04	1.76E-04	2.01E-04	5.40E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	Formaldehyde	2.90E-01	3.00E-01	3.07E-01	3.41E-01	3.36E-01	3.60E-01	3.64E-01	3.74E-01	1.20E-06	2.20E-02	3.84E-02	2.54E-02	2.50E-01
Missouri	Camden County	29029	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.35E-05	9.37E-05	9.41E-05	0.00E+00	3.52E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Camden County	29029	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	2.79E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Camden County	29029	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.49E-05	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Camden County	29029	R	Hydrazine	3.50E-11	6.25E-11	8.35E-11	2.96E-10	1.83E-09	1.42E-09	3.56E-09	1.35E-08	0.00E+00	1.83E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	Lead Compounds	1.14E-04	1.14E-04	1.29E-04	1.82E-04	3.68E-04	6.02E-04	6.52E-04	1.44E-03	0.00E+00	3.90E-05	0.00E+00	3.29E-04	0.00E+00
Missouri	Camden County	29029	R	Manganese Compounds	3.06E-06	5.23E-06	5.86E-06	1.15E-04	1.91E-04	3.75E-04	4.28E-04	4.87E-04	0.00E+00	1.89E-04	1.71E-06	3.99E-07	0.00E+00
Missouri	Camden County	29029	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.73E-06	1.01E-05	1.36E-06	1.50E-03
Missouri	Camden County	29029	R	Methylene Chloride	1.66E-01	1.69E-01	1.71E-01	1.83E-01	2.69E-01	2.50E-01	2.66E-01	9.67E-01	8.79E-02	3.14E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Camden County	29029	R	Nickel Compounds	8.81E-06	2.00E-05	2.21E-05	5.00E-05	9.27E-05	1.67E-04	1.95E-04	2.18E-04	0.00E+00	8.78E-05	4.07E-06	7.65E-07	0.00E+00
Missouri	Camden County	29029	R	Perchloroethylene	1.41E-01	1.42E-01	1.42E-01	1.45E-01	1.52E-01	1.48E-01	1.51E-01	2.29E-01	0.00E+00	1.24E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Camden County	29029	R	Polychlorinated Biphenyls	3.89E-04	3.91E-04	3.93E-04	4.05E-04	4.22E-04	4.41E-04	4.62E-04	5.14E-04	0.00E+00	4.16E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Camden County	29029	R	Polycyclic Organic Matter	5.11E-03	6.33E-03	6.36E-03	1.04E-02	1.11E-02	1.53E-02	1.55E-02	2.04E-02	0.00E+00	8.65E-03	1.77E-03	6.42E-04	0.00E+00
Missouri	Camden County	29029	R	7-PAH	3.40E-04	4.08E-04	4.19E-04	6.87E-04	6.99E-04	9.57E-04	9.75E-04	1.34E-03	0.00E+00	6.59E-04	1.35E-05	2.72E-05	0.00E+00
Missouri	Camden County	29029	R	Propylene Dichloride	6.03E-07	8.92E-07	1.64E-06	2.50E-06	1.22E-05	7.03E-06	2.31E-05	8.67E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	Quinoline	1.19E-09	1.63E-09	2.11E-09	2.58E-09	8.44E-09	5.37E-09	2.48E-08	4.23E-08	0.00E+00	8.44E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	1,1,2,2-Tetrachloroethane	2.94E-06	4.03E-06	4.59E-06	2.14E-05	1.07E-04	5.38E-05	2.07E-04	7.90E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Camden County	29029	R	Trichloroethylene	8.14E-02	8.16E-02	8.16E-02	8.25E-02	8.30E-02	8.42E-02	8.48E-02	8.58E-02	0.00E+00	1.95E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Camden County	29029	R	Vinyl Chloride	8.65E-06	9.99E-06	1.15E-05	5.36E-05	2.64E-04	1.33E-04	5.09E-04	1.95E-03	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Acetaldehyde	5.04E-02	5.40E-02	9.62E-02	2.13E-01	1.85E-01	2.29E-01	3.21E-01	3.52E-01	2.05E-05	3.99E-03	1.11E-01	7.01E-02	0.00E+00
Missouri	Cape Girardeau County	29031	U	Acrolein	1.14E-02	1.23E-02	1.84E-02	3.10E-02	2.97E-02	3.93E-02	4.37E-02	4.43E-02	3.97E-06	5.28E-03	1.99E-02	4.50E-03	0.00E+00
Missouri	Cape Girardeau County	29031	U	Acrylonitrile	2.71E-05	2.87E-05	8.24E-05	1.55E-04	1.55E-04	1.95E-04	2.86E-04	3.99E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Arsenic Compounds	1.25E-05	1.42E-05	3.52E-05	5.38E-05	5.25E-05	7.07E-05	8.49E-05	8.61E-05	5.50E-06	1.09E-05	2.38E-05	1.23E-05	0.00E+00
Missouri	Cape Girardeau County	29031	U	Benzene	5.89E-01	5.95E-01	6.99E-01	9.84E-01	9.48E-01	1.19E+00	1.22E+00	1.28E+00	1.87E-04	5.61E-02	3.41E-01	7.16E-02	4.80E-01
Missouri	Cape Girardeau County	29031	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
Missouri	Cape Girardeau County	29031	U	Beryllium Compounds	5.23E-07	8.90E-07	1.80E-06	3.48E-06	4.21E-06	6.27E-06	1.01E-05	1.05E-05	2.05E-07	2.53E-06	0.00E+00	1.47E-06	0.00E+00
Missouri	Cape Girardeau County	29031	U	1,3-Butadiene	3.23E-03	3.41E-03	1.14E-02	3.55E-02	3.24E-02	5.31E-02	5.69E-02	6.22E-02	0.00E+00	4.93E-04	2.60E-02	5.89E-03	0.00E+00
Missouri	Cape Girardeau County	29031	U	Cadmium Compounds	2.13E-06	2.29E-06	4.38E-06	9.17E-06	9.96E-06	1.55E-05	1.73E-05	2.01E-05	1.53E-06	5.93E-06	0.00E+00	2.51E-06	0.00E+00
Missouri	Cape Girardeau County	29031	U	Carbon Disulfide	4.72E-02	4.72E-02	4.75E-02	4.79E-02	4.82E-02	4.89E-02	4.95E-02	4.96E-02	6.45E-05	1.09E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Cape Girardeau County	29031	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	2.13E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Cape Girardeau County	29031	U	Chloroform	8.53E-02	8.55E-02	8.95E-02	9.77E-02	9.85E-02	1.08E-01	1.11E-01	1.11E-01	7.57E-07	1.55E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Cape Girardeau County	29031	U	Chromium Compounds (includes Hexavalent)	6.97E-05	7.61E-05	1.06E-04	2.17E-04	2.15E-04	2.80E-04	4.26E-04	4.68E-04	1.33E-04	5.77E-05	1.89E-05	4.54E-06	0.00E+00
Missouri	Cape Girardeau County	29031	U	Chromium VI	1.14E-05	1.94E-05	2.78E-05	4.36E-05	4.10E-05	5.56E-05	6.33E-05	6.42E-05	1.10E-05	2.09E-05	7.55E-06	1.54E-06	0.00E+00
Missouri	Cape Girardeau County	29031	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
Missouri	Cape Girardeau County	29031	U	1,4-Dichlorobenzene	2.57E-03	2.69E-03	6.49E-03	1.48E-02	1.53E-02	2.46E-02	2.73E-02	2.81E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	1,3-Dichloropropene	4.96E-03	5.27E-03	1.29E-02	2.99E-02	3.10E-02	4.99E-02	5.55E-02	5.72E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.54E-08	1.06E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Cape Girardeau County	29031	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	3.09E-07	8.67E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Cape Girardeau County	29031	U	Ethylene Oxide	1.46E-03	1.85E-03	2.00E-03	2.79E-03	5.06E-03	4.04E-03	1.13E-02	2.75E-02	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Formaldehyde	3.17E-01	3.22E-01	3.78E-01	5.18E-01	5.06E-01	5.93E-01	6.72E-01	7.17E-01	3.70E-05	1.36E-02	1.37E-01	1.06E-01	2.50E-01
Missouri	Cape Girardeau County	29031	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.35E-05	9.35E-05	9.38E-05	9.39E-05	9.41E-05	0.00E+00	5.18E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Cape Girardeau County	29031	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	1.17E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Cape Girardeau County	29031	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-06	0.00E+00	3.18E-05	3.23E-05	0.00E+00	4.01E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Hydrazine	5.39E-10	7.65E-10	3.15E-09	2.33E-08	3.03E-08	3.49E-08	8.35E-08	1.49E-07	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Lead Compounds	5.05E-05	9.93E-05	1.48E-04	3.32E-04	3.19E-04	4.73E-04	5.19E-04	6.26E-04	1.98E-05	1.30E-04	0.00E+00	1.70E-04	0.00E+00
Missouri	Cape Girardeau County	29031	U	Manganese Compounds	3.44E-05	3.67E-05	8.14E-05	1.15E-04	1.96E-04	2.89E-04	5.15E-04	6.44E-04	1.11E-05	1.68E-04	6.17E-06	1.04E-05	0.00E+00
Missouri	Cape Girardeau County	29031	U	Mercury Compounds	1.53E-03	1.55E-03	1.58E-03	1.61E-03	1.61E-03	1.64E-03	1.66E-03	1.66E-03	4.82E-05	2.03E-05	2.42E-05	1.35E-05	1.50E-03
Missouri	Cape Girardeau County	29031	U	Methylene Chloride	1.58E-01	1.60E-01	1.76E-01	3.23E-01	2.97E-01	3.77E-01	4.50E-01	4.91E-01	6.85E-02	7.87E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Cape Girardeau County	29031	U	Nickel Compounds	4.69E-05	4.75E-05	1.70E-04	2.90E-04	3.78E-04	6.08E-04	8.37E-04	9.90E-04	3.52E-06	1.62E-04	1.42E-05	1.99E-04	0.00E+00
Missouri	Cape Girardeau County	29031	U	Perchloroethylene	1.43E-01	1.44E-01	1.51E-01	1.62E-01	1.97E-01	1.77E-01	2.53E-01	6.35E-01	6.76E-07	5.74E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Cape Girardeau County	29031	U	Polychlorinated Biphenyls	3.90E-04	3.90E-04	4.03E-04	4.35E-04	4.35E-04	4.68E-04	4.88E-04	5.05E-04	0.00E+00	5.52E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Cape Girardeau County	29031	U	Polycyclic Organic Matter	7.08E-03	7.71E-03	1.30E-02	2.58E-02	2.36E-02	3.53E-02	3.70E-02	3.80E-02	2.34E-05	1.55E-02	6.42E-03	1.66E-03	0.00E+00
Missouri	Cape Girardeau County	29031	U	7-PAH	3.35E-04	4.00E-04	4.87E-04	6.74E-04	6.93E-04	9.52E-04	1.01E-03	1.19E-03	9.78E-09	6.12E-04	4.14E-05	4.04E-05	0.00E+00
Missouri	Cape Girardeau County	29031	U	Propylene Dichloride	8.38E-07	9.07E-07	2.21E-06	3.90E-06	5.05E-06	6.56E-06	7.64E-06	2.14E-05	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Quinoline	1.35E-08	1.40E-08	3.20E-08	1.04E-07	1.11E-07	1.34E-07	2.55E-07	4.29E-07	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	1,1,2,2-Tetrachloroethane	3.31E-06	3.98E-06	4.84E-06	5.46E-06	1.71E-05	6.87E-06	1.68E-05	1.82E-04	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cape Girardeau County	29031	U	Trichloroethylene	8.18E-02	8.20E-02	8.48E-02	9.01E-02	9.31E-02	9.91E-02	1.13E-01	1.19E-01	0.00E+00	1.21E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Cape Girardeau County	29031	U	Vinyl Chloride	4.55E-05	4.99E-05	9.56E-05	1.26E-04	1.47E-04	1.58E-04	2.11E-04	5.07E-04	3.82E-05	1.09E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	Acetaldehyde	3.14E-02	3.14E-02	3.14E-02	3.62E-02	3.76E-02	4.51E-02	4.51E-02	4.51E-02	1.02E-06	1.96E-03	1.32E-02	2.24E-02	0.00E+00
Missouri	Carroll County	29033	R	Acrolein	3.37E-03	3.37E-03	3.37E-03	5.19E-03	5.20E-03	7.05E-03	7.05E-03	7.05E-03	1.16E-07	9.80E-04	2.67E-03	1.55E-03	0.00E+00
Missouri	Carroll County	29033	R	Acrylonitrile	6.08E-05	6.08E-05	6.08E-05	1.37E-04	1.12E-04	1.37E-04	1.37E-04	1.37E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	Arsenic Compounds	4.20E-06	4.20E-06	4.20E-06	5.85E-06	6.91E-06	1.07E-05	1.07E-05	1.07E-05	2.20E-07	5.74E-07	2.77E-06	3.34E-06	0.00E+00
Missouri	Carroll County	29033	R	Benzene	5.16E-01	5.16E-01	5.16E-01	5.27E-01	5.42E-01	5.82E-01	5.82E-01	5.82E-01	8.28E-07	1.39E-02	3.18E-02	1.59E-02	4.80E-01
Missouri	Carroll County	29033	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
Missouri	Carroll County	29033	R	Beryllium Compounds	9.70E-07	9.70E-07	9.70E-07	1.04E-06	1.44E-06	2.30E-06	2.30E-06	2.30E-06	1.16E-08	1.27E-07	0.00E+00	1.30E-06	0.00E+00
Missouri	Carroll County	29033	R	1,3-Butadiene	1.29E-03	1.29E-03	1.29E-03	1.33E-03	2.85E-03	5.93E-03	5.93E-03	5.93E-03	0.00E+00	1.82E-04	1.74E-03	9.28E-04	0.00E+00
Missouri	Carroll County	29033	R	Cadmium Compounds	1.11E-06	1.11E-06	1.11E-06	1.20E-06	1.66E-06	2.68E-06	2.68E-06	2.68E-06	2.86E-08	3.13E-07	0.00E+00	1.32E-06	0.00E+00
Missouri	Carroll County	29033	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.78E-02	4.90E-02	4.90E-02	4.90E-02	8.15E-08	7.81E-04	0.00E+00	0.00E+00	4.70E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Carroll County	29033	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	3.09E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Carroll County	29033	R	Chloroform	8.36E-02	8.36E-02	8.36E-02	8.38E-02	8.45E-02	8.61E-02	8.61E-02	8.61E-02	0.00E+00	1.53E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Carroll County	29033	R	Chromium Compounds (includes Hexavalent)	7.47E-06	7.47E-06	7.47E-06	1.01E-05	2.14E-05	4.66E-05	4.66E-05	4.66E-05	1.44E-07	1.89E-05	1.79E-06	5.39E-07	0.00E+00
Missouri	Carroll County	29033	R	Chromium VI	1.42E-06	1.42E-06	1.42E-06	1.84E-06	2.09E-06	3.01E-06	3.01E-06	3.01E-06	2.59E-08	1.19E-06	6.90E-07	1.83E-07	0.00E+00
Missouri	Carroll County	29033	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
Missouri	Carroll County	29033	R	1,4-Dichlorobenzene	6.79E-04	6.79E-04	6.79E-04	9.69E-04	1.64E-03	3.29E-03	3.29E-03	3.29E-03	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	1,3-Dichloropropene	1.27E-03	1.27E-03	1.27E-03	1.83E-03	3.22E-03	6.57E-03	6.57E-03	6.57E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	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	2.23E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Carroll County	29033	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	2.51E-08	1.63E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Carroll County	29033	R	Ethylene Oxide	8.62E-06	8.62E-06	8.62E-06	1.50E-05	3.32E-05	7.60E-05	7.60E-05	7.60E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	Formaldehyde	2.91E-01	2.91E-01	2.91E-01	2.96E-01	3.00E-01	3.13E-01	3.13E-01	3.13E-01	6.36E-07	3.69E-03	1.42E-02	3.19E-02	2.50E-01
Missouri	Carroll County	29033	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.58E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Carroll County	29033	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	1.40E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Carroll County	29033	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
Missouri	Carroll County	29033	R	Hydrazine	1.43E-09	1.43E-09	1.43E-09	2.30E-09	6.64E-08	1.96E-07	1.96E-07	1.96E-07	0.00E+00	6.64E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	Lead Compounds	1.21E-05	1.21E-05	1.21E-05	2.69E-05	3.27E-05	5.91E-05	5.91E-05	5.91E-05	2.35E-07	1.21E-05	0.00E+00	2.04E-05	0.00E+00
Missouri	Carroll County	29033	R	Manganese Compounds	2.22E-06	2.22E-06	2.22E-06	2.99E-06	3.87E-06	6.41E-06	6.41E-06	6.41E-06	7.26E-07	1.99E-06	5.28E-07	6.28E-07	0.00E+00
Missouri	Carroll County	29033	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	6.48E-07	3.09E-06	4.44E-06	1.50E-03
Missouri	Carroll County	29033	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.56E-01	1.59E-01	1.68E-01	1.68E-01	1.68E-01	1.59E-07	9.15E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Carroll County	29033	R	Nickel Compounds	1.05E-05	1.05E-05	1.05E-05	1.34E-05	1.97E-05	3.50E-05	3.50E-05	3.50E-05	1.51E-07	1.09E-05	1.35E-06	7.25E-06	0.00E+00
Missouri	Carroll County	29033	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	2.36E-08	1.59E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Carroll County	29033	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.89E-04	3.97E-04	3.97E-04	3.97E-04	0.00E+00	9.32E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Carroll County	29033	R	Polycyclic Organic Matter	1.93E-03	1.93E-03	1.93E-03	2.53E-03	3.30E-03	5.42E-03	5.42E-03	5.42E-03	1.52E-08	2.28E-03	6.19E-04	4.02E-04	0.00E+00
Missouri	Carroll County	29033	R	7-PAH	1.02E-04	1.02E-04	1.02E-04	1.16E-04	1.39E-04	1.99E-04	1.99E-04	1.99E-04	2.31E-10	1.28E-04	4.37E-06	6.62E-06	0.00E+00
Missouri	Carroll County	29033	R	Propylene Dichloride	3.79E-06	3.79E-06	3.79E-06	8.34E-06	7.86E-06	1.15E-05	1.15E-05	1.15E-05	0.00E+00	7.86E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	Quinoline	2.45E-08	2.45E-08	2.45E-08	3.81E-08	2.14E-07	5.80E-07	5.80E-07	5.80E-07	0.00E+00	2.14E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	1,1,2,2-Tetrachloroethane	2.97E-05	2.97E-05	2.97E-05	5.23E-05	5.14E-05	7.23E-05	7.23E-05	7.23E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Carroll County	29033	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.18E-02	8.27E-02	8.27E-02	8.27E-02	0.00E+00	7.80E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Carroll County	29033	R	Vinyl Chloride	7.66E-05	7.66E-05	7.66E-05	1.49E-04	1.36E-04	1.83E-04	1.83E-04	1.83E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	R	Acetaldehyde	2.38E-02	2.38E-02	2.38E-02	2.95E-02	2.95E-02	3.52E-02	3.52E-02	3.52E-02	0.00E+00	1.73E-02	1.05E-02	1.69E-03	0.00E+00
Missouri	Carter County	29035	R	Acrolein	9.47E-03	9.47E-03	9.47E-03	9.92E-03	9.92E-03	1.04E-02	1.04E-02	1.04E-02	0.00E+00	7.46E-03	1.97E-03	4.92E-04	0.00E+00
Missouri	Carter County	29035	R	Acrylonitrile	3.40E-06	3.40E-06	3.40E-06	1.08E-05	1.08E-05	1.82E-05	1.82E-05	1.82E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	R	Arsenic Compounds	2.23E-06	2.23E-06	2.23E-06	2.92E-06	2.92E-06	3.62E-06	3.62E-06	3.62E-06	0.00E+00	2.79E-07	2.27E-06	3.72E-07	0.00E+00
Missouri	Carter County	29035	R	Benzene	5.22E-01	5.22E-01	5.22E-01	5.32E-01	5.32E-01	5.42E-01	5.42E-01	5.42E-01	0.00E+00	2.18E-02	2.22E-02	7.71E-03	4.80E-01
Missouri	Carter County	29035	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
Missouri	Carter County	29035	R	Beryllium Compounds	4.92E-08	4.92E-08	4.92E-08	5.65E-08	5.65E-08	6.37E-08	6.37E-08	6.37E-08	0.00E+00	4.85E-08	0.00E+00	8.01E-09	0.00E+00
Missouri	Carter County	29035	R	1,3-Butadiene	2.69E-03	2.69E-03	2.69E-03	3.16E-03	3.16E-03	3.62E-03	3.62E-03	3.62E-03	0.00E+00	1.73E-03	1.12E-03	3.13E-04	0.00E+00
Missouri	Carter County	29035	R	Cadmium Compounds	1.50E-07	1.50E-07	1.50E-07	1.57E-07	1.57E-07	1.63E-07	1.63E-07	1.63E-07	0.00E+00	1.49E-07	0.00E+00	7.94E-09	0.00E+00
Missouri	Carter County	29035	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	0.00E+00	1.26E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Carter County	29035	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	1.24E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Carter County	29035	R	Chloroform	8.36E-02	8.36E-02	8.36E-02	8.39E-02	8.39E-02	8.42E-02	8.42E-02	8.42E-02	0.00E+00	9.20E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Carter County	29035	R	Chromium Compounds (includes Hexavalent)	1.41E-06	1.41E-06	1.41E-06	1.98E-06	1.98E-06	2.56E-06	2.56E-06	2.56E-06	0.00E+00	5.87E-07	1.34E-06	5.77E-08	0.00E+00
Missouri	Carter County	29035	R	Chromium VI	5.90E-07	5.90E-07	5.90E-07	7.75E-07	7.75E-07	9.59E-07	9.59E-07	9.59E-07	0.00E+00	2.46E-07	5.09E-07	1.96E-08	0.00E+00
Missouri	Carter County	29035	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
Missouri	Carter County	29035	R	1,4-Dichlorobenzene	6.17E-04	6.17E-04	6.17E-04	8.54E-04	8.54E-04	1.09E-03	1.09E-03	1.09E-03	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	R	1,3-Dichloropropene	1.20E-03	1.20E-03	1.20E-03	1.66E-03	1.66E-03	2.12E-03	2.12E-03	2.12E-03	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	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	2.87E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Carter County	29035	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	1.39E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Carter County	29035	R	Ethylene Oxide	4.21E-06	4.21E-06	4.21E-06	1.06E-05	1.06E-05	1.70E-05	1.70E-05	1.70E-05	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	R	Formaldehyde	2.97E-01	2.97E-01	2.97E-01	3.01E-01	3.01E-01	3.06E-01	3.06E-01	3.06E-01	0.00E+00	3.79E-02	1.08E-02	2.83E-03	2.50E-01
Missouri	Carter County	29035	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	8.71E-08	0.00E+00	0.00E+00	9.30E-05
Missouri	Carter County	29035	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	5.74E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Carter County	29035	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
Missouri	Carter County	29035	R	Hydrazine	9.82E-10	9.82E-10	9.82E-10	7.27E-09	7.27E-09	1.36E-08	1.36E-08	1.36E-08	0.00E+00	7.27E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	R	Lead Compounds	8.64E-06	8.64E-06	8.64E-06	1.24E-03	1.24E-03	2.47E-03	2.47E-03	2.47E-03	0.00E+00	1.24E-03	0.00E+00	2.20E-06	0.00E+00
Missouri	Carter County	29035	R	Manganese Compounds	1.55E-06	1.55E-06	1.55E-06	1.13E-05	1.13E-05	2.11E-05	2.11E-05	2.11E-05	0.00E+00	1.08E-05	4.20E-07	4.15E-08	0.00E+00
Missouri	Carter County	29035	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	1.71E-07	2.63E-06	3.04E-07	1.50E-03
Missouri	Carter County	29035	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	3.59E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Carter County	29035	R	Nickel Compounds	4.84E-06	4.84E-06	4.84E-06	5.09E-06	5.09E-06	5.34E-06	5.34E-06	5.34E-06	0.00E+00	4.00E-06	1.02E-06	6.74E-08	0.00E+00
Missouri	Carter County	29035	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	5.42E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Carter County	29035	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.89E-04	3.89E-04	3.92E-04	3.92E-04	3.92E-04	0.00E+00	9.42E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Carter County	29035	R	Polycyclic Organic Matter	2.34E-03	2.34E-03	2.34E-03	2.94E-03	2.94E-03	3.54E-03	3.54E-03	3.54E-03	0.00E+00	2.43E-03	4.58E-04	5.05E-05	0.00E+00
Missouri	Carter County	29035	R	7-PAH	3.52E-04	3.52E-04	3.52E-04	3.76E-04	3.76E-04	4.01E-04	4.01E-04	4.01E-04	0.00E+00	3.72E-04	3.39E-06	1.29E-06	0.00E+00
Missouri	Carter County	29035	R	Propylene Dichloride	1.58E-07	1.58E-07	1.58E-07	7.52E-07	7.52E-07	1.35E-06	1.35E-06	1.35E-06	0.00E+00	7.52E-07	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Carter County	29035	R	Quinoline	6.76E-09	6.76E-09	6.76E-09	3.16E-08	3.16E-08	5.64E-08	5.64E-08	5.64E-08	0.00E+00	3.16E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	R	1,1,2,2-Tetrachloroethane	2.54E-08	2.54E-08	2.54E-08	3.14E-06	3.14E-06	6.25E-06	6.25E-06	6.25E-06	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Carter County	29035	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	1.88E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Carter County	29035	R	Vinyl Chloride	4.11E-07	4.11E-07	4.11E-07	9.47E-06	9.47E-06	1.85E-05	1.85E-05	1.85E-05	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	Acetaldehyde	2.91E-02	4.77E-02	1.32E-01	1.87E-01	1.99E-01	2.54E-01	3.62E-01	4.17E-01	4.38E-04	1.89E-02	1.56E-01	2.37E-02	0.00E+00
Missouri	Cass County	29037	U	Acrolein	6.16E-03	9.18E-03	2.38E-02	2.76E-02	3.09E-02	4.23E-02	5.46E-02	5.75E-02	2.23E-06	3.35E-03	2.37E-02	3.80E-03	0.00E+00
Missouri	Cass County	29037	U	Acrylonitrile	6.54E-05	9.12E-05	4.46E-04	6.70E-04	1.11E-03	8.14E-04	3.16E-03	7.33E-03	3.47E-04	7.67E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	Arsenic Compounds	1.56E-05	1.69E-05	2.57E-05	4.02E-05	3.77E-05	4.62E-05	5.91E-05	6.71E-05	6.89E-06	4.17E-06	2.15E-05	5.11E-06	0.00E+00
Missouri	Cass County	29037	U	Benzene	5.44E-01	5.80E-01	7.36E-01	8.58E-01	8.84E-01	1.02E+00	1.16E+00	1.41E+00	3.76E-04	6.47E-02	2.95E-01	4.37E-02	4.80E-01
Missouri	Cass County	29037	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
Missouri	Cass County	29037	U	Beryllium Compounds	7.96E-07	8.30E-07	2.01E-06	2.73E-06	3.03E-06	3.88E-06	5.72E-06	6.37E-06	3.66E-07	1.63E-06	0.00E+00	1.03E-06	0.00E+00
Missouri	Cass County	29037	U	1,3-Butadiene	2.28E-03	2.89E-03	6.56E-03	1.88E-02	2.14E-02	3.23E-02	3.93E-02	6.46E-02	0.00E+00	2.26E-04	1.79E-02	3.26E-03	0.00E+00
Missouri	Cass County	29037	U	Cadmium Compounds	1.79E-06	1.93E-06	3.50E-06	4.68E-06	4.91E-06	6.23E-06	8.60E-06	9.38E-06	1.02E-06	2.86E-06	0.00E+00	1.04E-06	0.00E+00
Missouri	Cass County	29037	U	Carbon Disulfide	4.71E-02	4.71E-02	4.76E-02	4.80E-02	4.82E-02	4.88E-02	4.96E-02	4.98E-02	1.91E-05	1.16E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Cass County	29037	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	2.45E-07	2.12E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Cass County	29037	U	Chloroform	8.37E-02	8.42E-02	8.73E-02	8.86E-02	8.94E-02	9.13E-02	9.68E-02	9.77E-02	1.42E-06	6.41E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Cass County	29037	U	Chromium Compounds (includes Hexavalent)	1.43E-05	1.84E-05	4.28E-05	7.69E-05	7.72E-05	1.24E-04	1.32E-04	1.37E-04	1.92E-05	4.01E-05	1.69E-05	8.48E-07	0.00E+00
Missouri	Cass County	29037	U	Chromium VI	2.84E-06	6.73E-06	1.92E-05	2.88E-05	2.75E-05	3.89E-05	4.76E-05	4.94E-05	4.68E-06	1.58E-05	6.76E-06	2.88E-07	0.00E+00
Missouri	Cass County	29037	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
Missouri	Cass County	29037	U	1,4-Dichlorobenzene	1.61E-03	2.52E-03	7.52E-03	1.21E-02	1.34E-02	1.70E-02	2.83E-02	3.59E-02	1.23E-05	1.34E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	1,3-Dichloropropene	3.08E-03	4.79E-03	1.41E-02	2.34E-02	2.62E-02	3.33E-02	5.62E-02	7.18E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	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	7.47E-08	4.39E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Cass County	29037	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.14E-02	6.19E-02	1.66E-05	9.18E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Cass County	29037	U	Ethylene Oxide	1.79E-05	3.83E-05	2.11E-04	3.69E-04	4.27E-04	5.29E-04	1.02E-03	1.02E-03	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	Formaldehyde	2.92E-01	3.11E-01	4.08E-01	4.90E-01	4.80E-01	5.74E-01	6.06E-01	7.23E-01	2.81E-02	1.62E-02	1.44E-01	4.15E-02	2.50E-01
Missouri	Cass County	29037	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	9.36E-05	9.38E-05	9.40E-05	0.00E+00	4.11E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Cass County	29037	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-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Cass County	29037	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	3.28E-05	8.26E-05	6.25E-05	8.84E-05	1.11E-04	1.25E-04	6.20E-05	5.21E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	Hydrazine	9.47E-11	1.29E-10	5.73E-10	4.83E-07	4.70E-07	7.87E-07	9.85E-07	1.01E-06	0.00E+00	4.70E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	Lead Compounds	3.88E-05	4.34E-05	2.27E-04	5.44E-04	8.42E-04	8.75E-04	2.86E-03	3.74E-03	1.29E-05	2.91E-04	0.00E+00	5.38E-04	0.00E+00
Missouri	Cass County	29037	U	Manganese Compounds	2.22E-05	2.30E-05	6.36E-05	3.14E-04	2.51E-04	4.19E-04	4.77E-04	4.79E-04	3.13E-05	2.14E-04	5.37E-06	7.13E-07	0.00E+00
Missouri	Cass County	29037	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.54E-03	1.53E-03	1.55E-03	1.55E-03	1.57E-03	3.01E-08	5.98E-06	2.20E-05	5.44E-06	1.50E-03
Missouri	Cass County	29037	U	Methylene Chloride	1.58E-01	1.58E-01	1.75E-01	1.90E-01	2.05E-01	2.30E-01	2.74E-01	2.88E-01	4.74E-04	5.44E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Cass County	29037	U	Nickel Compounds	1.56E-05	1.77E-05	5.24E-05	7.36E-05	7.95E-05	1.08E-04	1.51E-04	1.58E-04	9.59E-06	5.41E-05	1.26E-05	3.29E-06	0.00E+00
Missouri	Cass County	29037	U	Perchloroethylene	1.42E-01	1.45E-01	1.52E-01	1.59E-01	1.62E-01	1.75E-01	1.83E-01	1.93E-01	2.93E-03	1.90E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Cass County	29037	U	Polychlorinated Biphenyls	3.87E-04	3.88E-04	3.96E-04	4.22E-04	4.25E-04	4.55E-04	4.69E-04	4.92E-04	0.00E+00	4.49E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Cass County	29037	U	Polycyclic Organic Matter	4.08E-03	6.36E-03	1.44E-02	2.23E-02	2.18E-02	2.84E-02	4.20E-02	4.32E-02	6.52E-05	1.51E-02	5.69E-03	8.77E-04	0.00E+00
Missouri	Cass County	29037	U	7-PAH	1.95E-04	2.76E-04	4.56E-04	7.33E-04	6.39E-04	8.28E-04	9.37E-04	1.10E-03	4.35E-09	5.90E-04	3.81E-05	1.07E-05	0.00E+00
Missouri	Cass County	29037	U	Propylene Dichloride	3.76E-06	5.13E-06	1.60E-05	2.05E-05	5.27E-05	2.40E-05	1.87E-04	4.40E-04	8.09E-06	4.47E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	Quinoline	3.17E-09	3.60E-09	1.39E-08	6.75E-08	6.95E-08	1.07E-07	1.63E-07	1.67E-07	0.00E+00	6.95E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	1,1,2,2-Tetrachloroethane	3.22E-05	4.26E-05	1.46E-04	1.82E-04	4.71E-04	2.05E-04	1.67E-03	3.98E-03	7.41E-05	3.96E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cass County	29037	U	Trichloroethylene	8.15E-02	8.18E-02	8.62E-02	8.92E-02	8.98E-02	9.45E-02	9.90E-02	9.99E-02	1.43E-04	8.66E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Cass County	29037	U	Vinyl Chloride	8.20E-05	1.05E-04	3.20E-04	4.00E-04	1.14E-03	4.54E-04	4.14E-03	9.84E-03	1.82E-04	9.58E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	Acetaldehyde	2.58E-02	2.58E-02	2.58E-02	2.80E-02	2.79E-02	2.99E-02	2.99E-02	2.99E-02	2.61E-06	2.22E-03	1.54E-02	1.03E-02	0.00E+00
Missouri	Cedar County	29039	R	Acrolein	6.56E-03	6.56E-03	6.56E-03	8.22E-03	7.69E-03	8.28E-03	8.28E-03	8.28E-03	7.14E-07	2.32E-03	2.64E-03	2.73E-03	0.00E+00
Missouri	Cedar County	29039	R	Acrylonitrile	9.38E-06	9.38E-06	9.38E-06	1.01E-05	1.67E-05	3.06E-05	3.06E-05	3.06E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	Arsenic Compounds	6.23E-06	6.23E-06	6.23E-06	6.38E-06	8.21E-06	1.20E-05	1.20E-05	1.20E-05	1.07E-06	7.87E-07	4.31E-06	2.05E-06	0.00E+00
Missouri	Cedar County	29039	R	Benzene	5.84E-01	5.84E-01	5.84E-01	6.14E-01	6.04E-01	6.15E-01	6.15E-01	6.15E-01	4.22E-06	2.25E-02	4.13E-02	6.06E-02	4.80E-01
Missouri	Cedar County	29039	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
Missouri	Cedar County	29039	R	Beryllium Compounds	2.20E-07	2.20E-07	2.20E-07	2.28E-07	3.03E-07	4.59E-07	4.59E-07	4.59E-07	5.64E-08	1.88E-07	0.00E+00	5.81E-08	0.00E+00
Missouri	Cedar County	29039	R	1,3-Butadiene	6.15E-03	6.15E-03	6.15E-03	7.38E-03	6.97E-03	7.39E-03	7.39E-03	7.39E-03	0.00E+00	5.39E-04	3.10E-03	3.33E-03	0.00E+00
Missouri	Cedar County	29039	R	Cadmium Compounds	4.24E-07	4.24E-07	4.24E-07	4.34E-07	6.79E-07	1.18E-06	1.18E-06	1.18E-06	1.40E-07	4.81E-07	0.00E+00	5.75E-08	0.00E+00
Missouri	Cedar County	29039	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	4.22E-07	1.01E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Cedar County	29039	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	3.03E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Cedar County	29039	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	2.84E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Cedar County	29039	R	Chromium Compounds (includes Hexavalent)	4.03E-06	4.03E-06	4.03E-06	4.21E-06	5.55E-06	8.40E-06	8.40E-06	8.40E-06	7.03E-07	1.70E-06	2.61E-06	5.36E-07	0.00E+00
Missouri	Cedar County	29039	R	Chromium VI	2.12E-06	2.12E-06	2.12E-06	2.24E-06	2.67E-06	3.64E-06	3.64E-06	3.64E-06	7.74E-08	1.35E-06	1.06E-06	1.82E-07	0.00E+00
Missouri	Cedar County	29039	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
Missouri	Cedar County	29039	R	1,4-Dichlorobenzene	1.57E-03	1.57E-03	1.57E-03	1.59E-03	2.12E-03	3.20E-03	3.20E-03	3.20E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	1,3-Dichloropropene	3.12E-03	3.12E-03	3.12E-03	3.16E-03	4.25E-03	6.47E-03	6.47E-03	6.47E-03	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	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	2.96E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Cedar County	29039	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.30E-07	1.31E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Cedar County	29039	R	Ethylene Oxide	1.87E-05	1.87E-05	1.87E-05	2.00E-05	5.35E-05	1.22E-04	1.22E-04	1.22E-04	0.00E+00	5.35E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	Formaldehyde	2.89E-01	2.89E-01	2.89E-01	2.92E-01	2.91E-01	2.93E-01	2.93E-01	2.93E-01	3.24E-06	8.82E-03	1.84E-02	1.41E-02	2.50E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Cedar County	29039	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.12E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Cedar County	29039	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	1.59E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Cedar County	29039	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
Missouri	Cedar County	29039	R	Hydrazine	2.45E-12	2.45E-12	2.45E-12	6.29E-12	5.85E-12	8.80E-12	8.80E-12	8.80E-12	0.00E+00	5.85E-12	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	Lead Compounds	6.67E-06	6.67E-06	6.67E-06	7.11E-06	8.26E-06	1.10E-05	1.10E-05	1.10E-05	1.15E-06	2.16E-06	0.00E+00	4.95E-06	0.00E+00
Missouri	Cedar County	29039	R	Manganese Compounds	2.70E-06	2.70E-06	2.70E-06	2.80E-06	4.46E-06	7.87E-06	7.87E-06	7.87E-06	1.31E-06	2.01E-06	8.55E-07	2.84E-07	0.00E+00
Missouri	Cedar County	29039	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	1.07E-10	5.07E-07	4.87E-06	1.53E-06	1.50E-03
Missouri	Cedar County	29039	R	Methylene Chloride	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.63E-01	1.68E-01	1.68E-01	1.68E-01	8.61E-07	1.25E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Cedar County	29039	R	Nickel Compounds	1.07E-05	1.07E-05	1.07E-05	1.07E-05	1.91E-05	3.57E-05	3.57E-05	3.57E-05	7.29E-07	1.58E-05	2.01E-06	5.15E-07	0.00E+00
Missouri	Cedar County	29039	R	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	1.28E-07	1.12E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Cedar County	29039	R	Polychlorinated Biphenyls	3.94E-04	3.94E-04	3.94E-04	3.94E-04	4.01E-04	4.15E-04	4.15E-04	4.15E-04	0.00E+00	2.11E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Cedar County	29039	R	Polycyclic Organic Matter	5.07E-03	5.07E-03	5.07E-03	5.21E-03	5.31E-03	5.66E-03	5.66E-03	5.66E-03	5.64E-08	4.13E-03	8.80E-04	3.04E-04	0.00E+00
Missouri	Cedar County	29039	R	7-PAH	2.99E-04	2.99E-04	2.99E-04	3.35E-04	3.25E-04	3.41E-04	3.41E-04	3.41E-04	1.15E-09	3.02E-04	6.38E-06	1.65E-05	0.00E+00
Missouri	Cedar County	29039	R	Propylene Dichloride	2.71E-07	2.71E-07	2.71E-07	2.98E-07	5.66E-07	1.13E-06	1.13E-06	1.13E-06	0.00E+00	5.66E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	Quinoline	8.91E-11	8.91E-11	8.91E-11	2.34E-10	2.14E-10	3.19E-10	3.19E-10	3.19E-10	0.00E+00	2.14E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	1,1,2,2-Tetrachloroethane	1.24E-06	1.24E-06	1.24E-06	1.51E-06	3.03E-06	6.35E-06	6.35E-06	6.35E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cedar County	29039	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.18E-02	8.26E-02	8.26E-02	8.26E-02	0.00E+00	8.14E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Cedar County	29039	R	Vinyl Chloride	5.27E-06	5.27E-06	5.27E-06	6.15E-06	1.02E-05	1.93E-05	1.93E-05	1.93E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	Acetaldehyde	3.00E-02	3.00E-02	3.00E-02	3.10E-02	3.29E-02	3.77E-02	3.77E-02	3.77E-02	6.20E-07	2.15E-03	9.02E-03	2.17E-02	0.00E+00
Missouri	Chariton County	29041	R	Acrolein	3.74E-03	3.74E-03	3.74E-03	4.16E-03	4.08E-03	4.34E-03	4.34E-03	4.34E-03	7.60E-08	9.68E-04	1.78E-03	1.34E-03	0.00E+00
Missouri	Chariton County	29041	R	Acrylonitrile	1.64E-05	1.64E-05	1.64E-05	1.79E-05	2.03E-05	2.66E-05	2.66E-05	2.66E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	Arsenic Compounds	4.34E-06	4.34E-06	4.34E-06	5.23E-06	4.97E-06	5.35E-06	5.35E-06	5.35E-06	1.23E-07	2.66E-07	1.84E-06	2.74E-06	0.00E+00
Missouri	Chariton County	29041	R	Benzene	5.19E-01	5.19E-01	5.19E-01	5.25E-01	5.24E-01	5.27E-01	5.27E-01	5.27E-01	4.62E-07	9.48E-03	1.89E-02	1.53E-02	4.80E-01
Missouri	Chariton County	29041	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
Missouri	Chariton County	29041	R	Beryllium Compounds	7.11E-07	7.11E-07	7.11E-07	1.00E-06	9.14E-07	1.03E-06	1.03E-06	1.03E-06	6.43E-09	6.80E-08	0.00E+00	8.40E-07	0.00E+00
Missouri	Chariton County	29041	R	1,3-Butadiene	1.65E-03	1.65E-03	1.65E-03	1.76E-03	1.75E-03	1.84E-03	1.84E-03	1.84E-03	0.00E+00	1.73E-04	8.38E-04	7.42E-04	0.00E+00
Missouri	Chariton County	29041	R	Cadmium Compounds	8.42E-07	8.42E-07	8.42E-07	1.09E-06	1.05E-06	1.21E-06	1.21E-06	1.21E-06	1.59E-08	1.75E-07	0.00E+00	8.60E-07	0.00E+00
Missouri	Chariton County	29041	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	4.52E-08	5.02E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Chariton County	29041	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	1.08E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Chariton County	29041	R	Chloroform	8.35E-02	8.35E-02	8.35E-02	8.38E-02	8.37E-02	8.39E-02	8.39E-02	8.39E-02	0.00E+00	7.27E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Chariton County	29041	R	Chromium Compounds (includes Hexavalent)	1.63E-05	1.63E-05	1.63E-05	2.24E-05	2.19E-05	2.69E-05	2.69E-05	2.69E-05	1.42E-05	6.09E-06	1.15E-06	4.12E-07	0.00E+00
Missouri	Chariton County	29041	R	Chromium VI	4.56E-06	4.56E-06	4.56E-06	4.78E-06	5.01E-06	5.70E-06	5.70E-06	5.70E-06	1.57E-06	2.85E-06	4.55E-07	1.40E-07	0.00E+00
Missouri	Chariton County	29041	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
Missouri	Chariton County	29041	R	1,4-Dichlorobenzene	6.36E-04	6.36E-04	6.36E-04	7.08E-04	7.66E-04	9.54E-04	9.54E-04	9.54E-04	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	1,3-Dichloropropene	1.23E-03	1.23E-03	1.23E-03	1.37E-03	1.48E-03	1.85E-03	1.85E-03	1.85E-03	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	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	9.68E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Chariton County	29041	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	1.39E-08	2.81E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Chariton County	29041	R	Ethylene Oxide	2.39E-06	2.39E-06	2.39E-06	4.91E-06	5.31E-06	8.65E-06	8.65E-06	8.65E-06	0.00E+00	5.31E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	Formaldehyde	2.89E-01	2.89E-01	2.89E-01	2.90E-01	2.93E-01	2.99E-01	2.99E-01	2.99E-01	4.55E-07	4.27E-03	9.06E-03	2.93E-02	2.50E-01
Missouri	Chariton County	29041	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	1.15E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Chariton County	29041	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	5.24E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Chariton County	29041	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
Missouri	Chariton County	29041	R	Hydrazine	1.53E-10	1.53E-10	1.53E-10	5.04E-10	7.11E-10	1.48E-09	1.48E-09	1.48E-09	0.00E+00	7.11E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	Lead Compounds	1.45E-05	1.45E-05	1.45E-05	2.75E-05	2.42E-05	3.07E-05	3.07E-05	3.07E-05	3.20E-06	5.66E-06	0.00E+00	1.54E-05	0.00E+00
Missouri	Chariton County	29041	R	Manganese Compounds	6.89E-05	6.89E-05	6.89E-05	9.34E-05	1.08E-04	1.63E-04	1.63E-04	1.63E-04	6.14E-05	4.62E-05	3.62E-07	5.15E-07	0.00E+00
Missouri	Chariton County	29041	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.40E-05	1.95E-07	2.11E-06	3.41E-06	1.50E-03
Missouri	Chariton County	29041	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	9.30E-08	3.36E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Chariton County	29041	R	Nickel Compounds	1.01E-05	1.01E-05	1.01E-05	1.49E-05	1.54E-05	2.12E-05	2.12E-05	2.12E-05	8.38E-08	8.21E-06	8.43E-07	6.29E-06	0.00E+00
Missouri	Chariton County	29041	R	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	1.38E-08	1.39E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Chariton County	29041	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.86E-04	3.87E-04	3.89E-04	3.89E-04	3.89E-04	0.00E+00	6.57E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Chariton County	29041	R	Polycyclic Organic Matter	2.24E-03	2.24E-03	2.24E-03	2.25E-03	2.37E-03	2.60E-03	2.60E-03	2.60E-03	8.88E-09	1.68E-03	3.86E-04	2.95E-04	0.00E+00
Missouri	Chariton County	29041	R	7-PAH	1.20E-04	1.20E-04	1.20E-04	1.28E-04	1.29E-04	1.38E-04	1.38E-04	1.38E-04	1.28E-10	1.20E-04	2.78E-06	5.95E-06	0.00E+00
Missouri	Chariton County	29041	R	Propylene Dichloride	8.77E-07	8.77E-07	8.77E-07	1.04E-06	1.09E-06	1.35E-06	1.35E-06	1.35E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	Quinoline	1.68E-09	1.68E-09	1.68E-09	5.43E-09	4.28E-09	5.72E-09	5.72E-09	5.72E-09	0.00E+00	4.28E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	1,1,2,2-Tetrachloroethane	5.03E-06	5.03E-06	5.03E-06	5.94E-06	6.60E-06	8.84E-06	8.84E-06	8.84E-06	0.00E+00	6.60E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Chariton County	29041	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.34E-02	8.30E-02	8.43E-02	8.43E-02	8.43E-02	1.73E-03	2.69E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Chariton County	29041	R	Vinyl Chloride	1.72E-05	1.72E-05	1.72E-05	2.37E-05	2.36E-05	2.99E-05	2.99E-05	2.99E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	Acetaldehyde	5.97E-02	6.70E-02	7.48E-02	1.14E-01	1.08E-01	1.23E-01	1.57E-01	1.64E-01	4.72E-03	1.26E-02	8.13E-02	8.94E-03	0.00E+00
Missouri	Christian County	29043	U	Acrolein	1.23E-02	1.36E-02	1.65E-02	2.22E-02	2.07E-02	2.49E-02	2.60E-02	2.63E-02	7.19E-06	4.65E-03	1.37E-02	2.37E-03	0.00E+00
Missouri	Christian County	29043	U	Acrylonitrile	3.45E-05	4.90E-05	5.51E-05	7.55E-05	7.80E-05	9.62E-05	1.11E-04	1.36E-04	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	Arsenic Compounds	1.35E-05	1.64E-05	2.24E-05	3.35E-05	3.11E-05	3.64E-05	4.50E-05	4.80E-05	1.08E-05	2.42E-06	1.57E-05	2.17E-06	0.00E+00
Missouri	Christian County	29043	U	Benzene	5.99E-01	6.23E-01	6.32E-01	7.39E-01	7.25E-01	7.89E-01	8.26E-01	8.71E-01	4.29E-04	5.19E-02	1.67E-01	2.52E-02	4.80E-01
Missouri	Christian County	29043	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
Missouri	Christian County	29043	U	Beryllium Compounds	6.32E-07	6.98E-07	1.13E-06	1.45E-06	1.44E-06	1.94E-06	2.04E-06	2.18E-06	5.97E-07	5.53E-07	0.00E+00	2.86E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Christian County	29043	U	1,3-Butadiene	4.61E-03	5.02E-03	5.64E-03	1.15E-02	1.12E-02	1.56E-02	1.68E-02	1.86E-02	0.00E+00	6.44E-04	9.31E-03	1.22E-03	0.00E+00
Missouri	Christian County	29043	U	Cadmium Compounds	1.23E-06	1.50E-06	2.31E-06	3.00E-06	2.84E-06	3.27E-06	4.09E-06	4.19E-06	1.41E-06	1.14E-06	0.00E+00	2.84E-07	0.00E+00
Missouri	Christian County	29043	U	Carbon Disulfide	4.72E-02	4.72E-02	4.73E-02	4.74E-02	4.74E-02	4.75E-02	4.76E-02	4.77E-02	3.70E-06	4.24E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Christian County	29043	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	9.76E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Christian County	29043	U	Chloroform	8.50E-02	8.51E-02	8.58E-02	8.82E-02	8.77E-02	8.87E-02	9.03E-02	9.08E-02	0.00E+00	4.70E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Christian County	29043	U	Chromium Compounds (includes Hexavalent)	1.34E-04	1.69E-04	1.96E-04	2.50E-04	2.51E-04	3.24E-04	3.50E-04	3.55E-04	1.47E-05	2.26E-04	1.06E-05	3.34E-07	0.00E+00
Missouri	Christian County	29043	U	Chromium VI	5.38E-05	6.27E-05	7.90E-05	9.64E-05	9.56E-05	1.23E-04	1.25E-04	1.30E-04	3.40E-06	8.79E-05	4.21E-06	1.13E-07	0.00E+00
Missouri	Christian County	29043	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
Missouri	Christian County	29043	U	1,4-Dichlorobenzene	2.74E-03	3.09E-03	4.07E-03	8.83E-03	7.79E-03	9.78E-03	1.30E-02	1.44E-02	0.00E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	1,3-Dichloropropene	5.26E-03	5.92E-03	7.89E-03	1.75E-02	1.55E-02	1.96E-02	2.60E-02	2.89E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	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	6.06E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Christian County	29043	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	1.14E-06	7.45E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Christian County	29043	U	Ethylene Oxide	9.58E-05	1.17E-04	1.35E-04	1.96E-04	2.49E-04	3.76E-04	4.02E-04	4.04E-04	1.02E-04	1.47E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	Formaldehyde	3.15E-01	3.36E-01	3.55E-01	3.89E-01	3.81E-01	4.01E-01	4.38E-01	4.46E-01	1.56E-02	2.17E-02	7.79E-02	1.59E-02	2.50E-01
Missouri	Christian County	29043	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.35E-05	9.37E-05	9.40E-05	9.44E-05	0.00E+00	5.17E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Christian County	29043	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	4.96E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Christian County	29043	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
Missouri	Christian County	29043	U	Hydrazine	6.72E-10	2.01E-09	2.90E-09	5.68E-09	5.50E-09	8.77E-09	9.35E-09	9.45E-09	0.00E+00	5.50E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	Lead Compounds	8.45E-05	9.18E-05	1.32E-04	1.58E-04	1.93E-04	2.01E-04	2.27E-04	6.13E-04	1.55E-05	9.67E-05	0.00E+00	8.09E-05	0.00E+00
Missouri	Christian County	29043	U	Manganese Compounds	1.09E-04	1.15E-04	1.60E-04	1.75E-04	1.82E-04	2.05E-04	2.53E-04	2.61E-04	2.05E-05	1.58E-04	3.34E-06	2.49E-07	0.00E+00
Missouri	Christian County	29043	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	4.42E-08	1.87E-06	1.76E-05	2.09E-06	1.50E-03
Missouri	Christian County	29043	U	Methylene Chloride	2.15E-01	2.31E-01	2.52E-01	2.90E-01	3.17E-01	3.85E-01	4.29E-01	4.51E-01	1.10E-01	5.68E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Christian County	29043	U	Nickel Compounds	1.23E-04	1.37E-04	1.69E-04	2.44E-04	2.34E-04	3.04E-04	3.30E-04	3.35E-04	1.42E-05	2.12E-04	7.92E-06	4.29E-07	0.00E+00
Missouri	Christian County	29043	U	Perchloroethylene	1.44E-01	1.45E-01	1.50E-01	1.52E-01	1.54E-01	1.62E-01	1.65E-01	1.66E-01	1.18E-06	1.43E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Christian County	29043	U	Polychlorinated Biphenyls	3.96E-04	3.99E-04	4.08E-04	4.25E-04	4.42E-04	4.60E-04	5.00E-04	5.54E-04	0.00E+00	6.20E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Christian County	29043	U	Polycyclic Organic Matter	6.90E-03	7.91E-03	8.92E-03	1.51E-02	1.43E-02	1.84E-02	2.07E-02	2.34E-02	2.85E-05	1.04E-02	3.48E-03	3.96E-04	0.00E+00
Missouri	Christian County	29043	U	7-PAH	3.51E-04	3.98E-04	4.79E-04	6.18E-04	6.78E-04	8.94E-04	1.05E-03	1.20E-03	1.09E-08	6.47E-04	2.55E-05	5.39E-06	0.00E+00
Missouri	Christian County	29043	U	Propylene Dichloride	2.01E-06	2.59E-06	2.83E-06	4.09E-06	4.14E-06	4.98E-06	5.96E-06	7.10E-06	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	Quinoline	1.36E-08	1.81E-08	3.37E-08	4.49E-08	3.99E-08	5.22E-08	5.29E-08	5.50E-08	0.00E+00	3.99E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	1,1,2,2-Tetrachloroethane	1.28E-05	1.38E-05	1.68E-05	2.81E-05	2.68E-05	3.31E-05	4.01E-05	4.76E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Christian County	29043	U	Trichloroethylene	8.19E-02	8.21E-02	8.23E-02	8.35E-02	8.32E-02	8.38E-02	8.41E-02	8.42E-02	0.00E+00	2.18E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Christian County	29043	U	Vinyl Chloride	3.27E-05	3.53E-05	4.31E-05	7.19E-05	6.81E-05	8.45E-05	1.02E-04	1.20E-04	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	Acetaldehyde	2.77E-02	2.77E-02	2.77E-02	4.18E-02	3.72E-02	4.21E-02	4.21E-02	4.21E-02	1.70E-03	2.03E-03	1.40E-02	1.95E-02	0.00E+00
Missouri	Clark County	29045	R	Acrolein	4.06E-03	4.06E-03	4.06E-03	4.85E-03	5.08E-03	6.33E-03	6.33E-03	6.33E-03	3.01E-06	1.75E-03	2.04E-03	1.29E-03	0.00E+00
Missouri	Clark County	29045	R	Acrylonitrile	1.85E-05	1.85E-05	1.85E-05	2.30E-05	2.30E-05	2.76E-05	2.76E-05	2.76E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	Arsenic Compounds	4.07E-06	4.07E-06	4.07E-06	7.49E-06	6.80E-06	8.85E-06	8.85E-06	8.85E-06	3.13E-08	9.94E-07	2.77E-06	3.00E-06	0.00E+00
Missouri	Clark County	29045	R	Benzene	5.16E-01	5.16E-01	5.16E-01	5.29E-01	5.35E-01	5.59E-01	5.59E-01	5.59E-01	3.00E-05	1.47E-02	2.62E-02	1.36E-02	4.80E-01
Missouri	Clark County	29045	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
Missouri	Clark County	29045	R	Beryllium Compounds	7.54E-07	7.54E-07	7.54E-07	9.85E-07	1.24E-06	1.97E-06	1.97E-06	1.97E-06	1.94E-08	9.08E-08	0.00E+00	1.13E-06	0.00E+00
Missouri	Clark County	29045	R	1,3-Butadiene	1.47E-03	1.47E-03	1.47E-03	2.18E-03	2.87E-03	4.95E-03	4.95E-03	4.95E-03	0.00E+00	4.59E-04	1.68E-03	7.29E-04	0.00E+00
Missouri	Clark County	29045	R	Cadmium Compounds	8.41E-07	8.41E-07	8.41E-07	2.17E-06	7.15E-06	1.84E-05	1.84E-05	1.84E-05	5.71E-06	2.73E-07	0.00E+00	1.17E-06	0.00E+00
Missouri	Clark County	29045	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	4.74E-05	1.00E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Clark County	29045	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.33E-05	1.67E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Clark County	29045	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.40E-02	8.39E-02	8.40E-02	8.40E-02	8.40E-02	3.73E-04	5.21E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Clark County	29045	R	Chromium Compounds (includes Hexavalent)	1.26E-05	1.26E-05	1.26E-05	2.26E-05	1.94E-05	2.31E-05	2.31E-05	2.31E-05	3.60E-06	1.36E-05	1.68E-06	5.25E-07	0.00E+00
Missouri	Clark County	29045	R	Chromium VI	9.20E-07	9.20E-07	9.20E-07	2.12E-06	2.82E-06	5.43E-06	5.43E-06	5.43E-06	1.37E-06	5.91E-07	6.86E-07	1.79E-07	0.00E+00
Missouri	Clark County	29045	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
Missouri	Clark County	29045	R	1,4-Dichlorobenzene	6.93E-04	6.93E-04	6.93E-04	1.05E-03	1.22E-03	1.92E-03	1.92E-03	1.92E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	1,3-Dichloropropene	1.33E-03	1.33E-03	1.33E-03	2.04E-03	2.40E-03	3.82E-03	3.82E-03	3.82E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	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	1.06E-08	1.79E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Clark County	29045	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	6.32E-06	2.95E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Clark County	29045	R	Ethylene Oxide	1.19E-05	1.19E-05	1.19E-05	1.66E-05	3.21E-05	6.77E-05	6.77E-05	6.77E-05	1.64E-05	1.56E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	Formaldehyde	2.87E-01	2.87E-01	2.87E-01	3.01E-01	2.99E-01	3.10E-01	3.10E-01	3.10E-01	1.13E-04	7.08E-03	1.36E-02	2.86E-02	2.50E-01
Missouri	Clark County	29045	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	1.62E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Clark County	29045	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	8.53E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Clark County	29045	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
Missouri	Clark County	29045	R	Hydrazine	3.07E-10	3.07E-10	3.07E-10	4.87E-10	5.76E-10	9.34E-10	9.34E-10	9.34E-10	0.00E+00	5.76E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	Lead Compounds	1.12E-05	1.12E-05	1.12E-05	2.13E-05	2.13E-05	3.13E-05	3.13E-05	3.13E-05	8.59E-08	8.90E-06	0.00E+00	1.23E-05	0.00E+00
Missouri	Clark County	29045	R	Manganese Compounds	7.56E-04	7.56E-04	7.56E-04	1.34E-03	1.58E-03	2.65E-03	2.65E-03	2.65E-03	3.12E-06	1.58E-03	4.74E-07	7.31E-07	0.00E+00
Missouri	Clark County	29045	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.76E-06	4.19E-07	3.22E-06	3.92E-06	1.50E-03
Missouri	Clark County	29045	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.55E-01	1.59E-01	1.59E-01	1.59E-01	1.36E-05	5.19E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Clark County	29045	R	Nickel Compounds	3.98E-05	3.98E-05	3.98E-05	6.91E-05	7.01E-05	1.02E-04	1.02E-04	1.02E-04	2.68E-05	3.24E-05	1.24E-06	9.66E-06	0.00E+00
Missouri	Clark County	29045	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.54E-05	8.54E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Clark County	29045	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.87E-04	3.92E-04	4.02E-04	4.02E-04	4.02E-04	0.00E+00	1.19E-05	0.00E+00	0.00E+00	3.80E-04

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Clark County	29045	R	Polycyclic Organic Matter	2.19E-03	2.19E-03	2.19E-03	4.12E-03	3.67E-03	4.71E-03	4.71E-03	4.71E-03	5.75E-04	2.19E-03	5.53E-04	3.51E-04	0.00E+00
Missouri	Clark County	29045	R	7-PAH	1.41E-04	1.41E-04	1.41E-04	2.72E-04	3.37E-04	6.00E-04	6.00E-04	6.00E-04	1.59E-04	1.68E-04	4.12E-06	6.21E-06	0.00E+00
Missouri	Clark County	29045	R	Propylene Dichloride	7.60E-07	7.60E-07	7.60E-07	1.16E-06	3.91E-06	9.82E-06	9.82E-06	9.82E-06	2.91E-06	1.00E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	Quinoline	9.60E-09	9.60E-09	9.60E-09	1.21E-08	1.27E-08	1.63E-08	1.63E-08	1.63E-08	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	1,1,2,2-Tetrachloroethane	5.92E-06	5.92E-06	5.92E-06	7.77E-06	7.48E-06	8.74E-06	8.74E-06	8.74E-06	2.41E-07	7.24E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Clark County	29045	R	Trichloroethylene	8.33E-02	8.33E-02	8.33E-02	8.48E-02	8.57E-02	8.90E-02	8.90E-02	8.90E-02	3.99E-03	7.35E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Clark County	29045	R	Vinyl Chloride	2.04E-05	2.04E-05	2.04E-05	2.50E-05	2.35E-05	2.51E-05	2.51E-05	2.51E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Acetaldehyde	2.28E-01	2.56E-01	3.63E-01	4.99E-01	5.54E-01	7.31E-01	9.50E-01	1.03E+00	2.77E-04	7.03E-02	4.03E-01	8.01E-02	0.00E+00
Missouri	Clay County	29047	U	Acrolein	3.84E-02	4.29E-02	7.23E-02	8.80E-02	8.42E-02	1.03E-01	1.11E-01	1.28E-01	3.68E-06	7.11E-03	6.38E-02	1.33E-02	0.00E+00
Missouri	Clay County	29047	U	Acrylonitrile	9.85E-04	1.10E-03	1.51E-03	2.45E-03	2.78E-03	3.74E-03	4.85E-03	5.55E-03	2.38E-03	3.98E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Arsenic Compounds	3.71E-05	4.15E-05	6.83E-05	8.49E-05	9.50E-05	1.18E-04	1.58E-04	1.78E-04	7.33E-06	1.84E-05	5.51E-05	1.41E-05	0.00E+00
Missouri	Clay County	29047	U	Benzene	9.05E-01	9.48E-01	1.25E+00	1.45E+00	1.54E+00	1.88E+00	2.28E+00	2.38E+00	4.79E-04	1.06E-01	8.25E-01	1.27E-01	4.80E-01
Missouri	Clay County	29047	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
Missouri	Clay County	29047	U	Beryllium Compounds	2.64E-06	3.71E-06	6.87E-06	9.40E-06	1.03E-05	1.28E-05	1.48E-05	3.16E-05	3.81E-07	6.81E-06	0.00E+00	3.14E-06	0.00E+00
Missouri	Clay County	29047	U	1,3-Butadiene	1.35E-02	1.93E-02	2.90E-02	4.62E-02	6.14E-02	9.33E-02	1.29E-01	1.50E-01	0.00E+00	3.70E-04	5.11E-02	9.92E-03	0.00E+00
Missouri	Clay County	29047	U	Cadmium Compounds	5.35E-06	7.64E-06	1.23E-05	1.81E-05	2.01E-05	2.52E-05	3.28E-05	5.91E-05	9.38E-07	1.59E-05	0.00E+00	3.27E-06	0.00E+00
Missouri	Clay County	29047	U	Carbon Disulfide	4.80E-02	4.85E-02	4.94E-02	5.05E-02	5.11E-02	5.19E-02	5.32E-02	5.91E-02	1.59E-05	4.06E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Clay County	29047	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	1.77E-05	4.19E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Clay County	29047	U	Chloroform	9.16E-02	9.26E-02	9.94E-02	1.10E-01	1.07E-01	1.14E-01	1.16E-01	1.18E-01	1.08E-06	2.42E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Clay County	29047	U	Chromium Compounds (includes Hexavalent)	1.42E-04	1.81E-04	3.15E-04	4.77E-04	4.74E-04	5.89E-04	7.38E-04	9.21E-04	1.41E-04	2.82E-04	4.81E-05	2.85E-06	0.00E+00
Missouri	Clay County	29047	U	Chromium VI	5.03E-05	5.71E-05	9.75E-05	1.52E-04	1.54E-04	1.89E-04	2.53E-04	2.99E-04	4.73E-05	8.69E-05	1.92E-05	9.68E-07	0.00E+00
Missouri	Clay County	29047	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
Missouri	Clay County	29047	U	1,4-Dichlorobenzene	1.01E-02	1.20E-02	2.07E-02	3.20E-02	2.85E-02	3.71E-02	4.14E-02	4.20E-02	9.27E-06	2.85E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	1,3-Dichloropropene	1.89E-02	2.27E-02	4.05E-02	6.31E-02	5.62E-02	7.37E-02	8.25E-02	8.38E-02	0.00E+00	5.62E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.64E-08	6.60E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Clay County	29047	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.30E-05	5.39E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Clay County	29047	U	Ethylene Oxide	7.83E-04	8.93E-04	1.45E-03	1.73E-03	1.86E-03	2.10E-03	2.92E-03	3.34E-03	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Formaldehyde	5.42E-01	5.57E-01	7.36E-01	9.65E-01	9.45E-01	1.10E+00	1.36E+00	1.41E+00	1.57E-01	3.00E-02	3.71E-01	1.36E-01	2.50E-01
Missouri	Clay County	29047	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
Missouri	Clay County	29047	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	2.14E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Clay County	29047	U	Hexamethylene Diisocyanate	4.77E-05	5.41E-05	8.17E-05	1.06E-04	1.24E-04	1.46E-04	2.49E-04	3.04E-04	1.11E-04	1.31E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Hydrazine	8.06E-07	1.08E-06	2.48E-06	5.98E-06	1.04E-05	1.17E-05	2.20E-05	3.05E-05	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Lead Compounds	8.56E-04	1.05E-03	2.12E-03	3.45E-03	4.51E-03	4.90E-03	9.74E-03	1.45E-02	5.35E-05	2.03E-03	0.00E+00	2.43E-03	0.00E+00
Missouri	Clay County	29047	U	Manganese Compounds	8.54E-04	9.13E-04	1.43E-03	1.73E-03	1.76E-03	1.98E-03	2.69E-03	3.31E-03	1.86E-04	1.55E-03	1.53E-05	3.01E-06	0.00E+00
Missouri	Clay County	29047	U	Mercury Compounds	1.53E-03	1.54E-03	1.56E-03	1.58E-03	1.58E-03	1.61E-03	1.64E-03	1.65E-03	1.89E-08	1.66E-05	5.29E-05	1.54E-05	1.50E-03
Missouri	Clay County	29047	U	Methylene Chloride	2.06E-01	2.11E-01	2.66E-01	3.40E-01	3.37E-01	3.76E-01	4.06E-01	6.35E-01	9.20E-03	1.78E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Clay County	29047	U	Nickel Compounds	1.01E-04	1.51E-04	2.15E-04	4.25E-04	4.68E-04	5.95E-04	7.34E-04	1.76E-03	3.30E-05	3.67E-04	3.55E-05	3.27E-05	0.00E+00
Missouri	Clay County	29047	U	Perchloroethylene	1.81E-01	1.88E-01	2.25E-01	2.48E-01	2.47E-01	2.64E-01	2.79E-01	3.28E-01	5.08E-02	5.61E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Clay County	29047	U	Polychlorinated Biphenyls	3.84E-04	3.85E-04	3.86E-04	3.86E-04	3.87E-04	3.87E-04	3.89E-04	3.92E-04	0.00E+00	6.63E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Clay County	29047	U	Polycyclic Organic Matter	2.35E-02	2.85E-02	3.65E-02	5.42E-02	5.40E-02	6.66E-02	8.02E-02	8.30E-02	1.33E-03	3.33E-02	1.58E-02	3.62E-03	0.00E+00
Missouri	Clay County	29047	U	7-PAH	5.58E-04	6.01E-04	8.42E-04	9.89E-04	1.12E-03	1.33E-03	1.82E-03	1.90E-03	7.43E-09	9.77E-04	1.01E-04	3.75E-05	0.00E+00
Missouri	Clay County	29047	U	Propylene Dichloride	1.40E-05	1.61E-05	2.22E-05	2.91E-05	3.06E-05	3.50E-05	4.46E-05	5.78E-05	6.11E-06	2.45E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Quinoline	1.42E-07	1.93E-07	3.40E-07	5.09E-07	6.35E-07	8.21E-07	1.15E-06	1.48E-06	0.00E+00	6.35E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	1,1,2,2-Tetrachloroethane	1.29E-04	1.81E-04	2.33E-04	2.87E-04	2.82E-04	3.09E-04	4.08E-04	4.67E-04	5.59E-05	2.26E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Clay County	29047	U	Trichloroethylene	9.11E-02	9.21E-02	1.04E-01	1.15E-01	1.36E-01	1.37E-01	1.97E-01	3.17E-01	1.35E-04	5.47E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Clay County	29047	U	Vinyl Chloride	2.72E-04	3.24E-04	3.86E-04	4.89E-04	5.15E-04	6.13E-04	7.25E-04	8.20E-04	1.38E-04	3.77E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	Acetaldehyde	6.45E-02	6.45E-02	6.69E-02	7.63E-02	7.93E-02	9.17E-02	1.00E-01	1.00E-01	3.10E-05	4.45E-03	5.81E-02	1.67E-02	0.00E+00
Missouri	Clinton County	29049	U	Acrolein	1.00E-02	1.00E-02	1.08E-02	1.22E-02	1.23E-02	1.37E-02	1.46E-02	1.46E-02	8.56E-07	1.23E-03	9.02E-03	2.01E-03	0.00E+00
Missouri	Clinton County	29049	U	Acrylonitrile	2.24E-05	2.24E-05	3.34E-05	2.31E-04	2.83E-04	5.32E-04	6.48E-04	6.48E-04	2.47E-04	3.55E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	Arsenic Compounds	1.13E-05	1.13E-05	1.24E-05	1.50E-05	1.73E-05	2.23E-05	2.80E-05	2.80E-05	1.46E-06	1.36E-06	1.09E-05	3.58E-06	0.00E+00
Missouri	Clinton County	29049	U	Benzene	5.83E-01	5.83E-01	5.90E-01	6.09E-01	6.51E-01	7.13E-01	8.04E-01	8.04E-01	1.63E-05	2.74E-02	1.23E-01	2.06E-02	4.80E-01
Missouri	Clinton County	29049	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
Missouri	Clinton County	29049	U	Beryllium Compounds	5.00E-07	5.00E-07	5.75E-07	6.55E-07	7.18E-07	8.62E-07	1.06E-06	1.06E-06	7.61E-08	4.28E-07	0.00E+00	2.15E-07	0.00E+00
Missouri	Clinton County	29049	U	1,3-Butadiene	3.71E-03	3.71E-03	3.89E-03	5.30E-03	9.96E-03	1.60E-02	2.55E-02	2.55E-02	0.00E+00	1.21E-04	8.52E-03	1.32E-03	0.00E+00
Missouri	Clinton County	29049	U	Cadmium Compounds	7.68E-07	7.68E-07	8.77E-07	1.02E-06	1.06E-06	1.24E-06	1.43E-06	1.43E-06	1.90E-07	6.51E-07	0.00E+00	2.20E-07	0.00E+00
Missouri	Clinton County	29049	U	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	5.29E-07	3.06E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Clinton County	29049	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	3.87E-06	6.12E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Clinton County	29049	U	Chloroform	8.49E-02	8.49E-02	8.49E-02	8.49E-02	8.55E-02	8.62E-02	8.74E-02	8.74E-02	0.00E+00	2.52E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Clinton County	29049	U	Chromium Compounds (includes Hexavalent)	9.84E-06	9.84E-06	1.33E-05	1.90E-05	2.03E-05	2.73E-05	3.33E-05	3.33E-05	1.12E-05	1.42E-06	7.36E-06	2.86E-07	0.00E+00
Missouri	Clinton County	29049	U	Chromium VI	3.62E-06	3.62E-06	5.17E-06	6.97E-06	7.23E-06	9.30E-06	1.14E-05	1.14E-05	3.61E-06	6.20E-07	2.91E-06	9.74E-08	0.00E+00
Missouri	Clinton County	29049	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
Missouri	Clinton County	29049	U	1,4-Dichlorobenzene	2.74E-03	2.74E-03	2.78E-03	2.90E-03	4.45E-03	6.11E-03	9.26E-03	9.26E-03	0.00E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	1,3-Dichloropropene	5.25E-03	5.25E-03	5.33E-03	5.50E-03	8.76E-03	1.22E-02	1.88E-02	1.88E-02	0.00E+00	8.76E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	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	1.87E-08	0.00E+00	0.00E+00	7.70E-03

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Clinton County	29049	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	1.63E-07	2.85E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Clinton County	29049	U	Ethylene Oxide	4.88E-05	4.88E-05	5.20E-05	6.31E-05	1.15E-04	1.78E-04	2.84E-04	2.84E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	Formaldehyde	3.34E-01	3.34E-01	3.35E-01	3.43E-01	3.52E-01	3.68E-01	3.87E-01	3.87E-01	1.09E-02	5.56E-03	5.84E-02	2.68E-02	2.50E-01
Missouri	Clinton County	29049	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.39E-05	9.39E-05	0.00E+00	3.33E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Clinton County	29049	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	3.21E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Clinton County	29049	U	Hexamethylene Diisocyanate	9.73E-08	9.73E-08	1.82E-07	1.08E-06	1.17E-06	2.16E-06	2.42E-06	2.42E-06	7.29E-07	4.40E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	Hydrazine	1.99E-11	1.99E-11	3.10E-10	2.51E-07	3.48E-07	6.96E-07	8.91E-07	8.91E-07	0.00E+00	3.48E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	Lead Compounds	1.13E-04	1.13E-04	1.31E-04	1.97E-04	2.62E-04	3.92E-04	5.40E-04	5.40E-04	6.76E-06	9.49E-05	0.00E+00	1.60E-04	0.00E+00
Missouri	Clinton County	29049	U	Manganese Compounds	7.88E-06	7.88E-06	8.32E-06	3.59E-05	3.67E-05	6.51E-05	6.72E-05	6.72E-05	2.66E-05	7.42E-06	2.29E-06	4.02E-07	0.00E+00
Missouri	Clinton County	29049	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	7.77E-10	1.38E-06	1.21E-05	3.33E-06	1.50E-03
Missouri	Clinton County	29049	U	Methylene Chloride	1.64E-01	1.64E-01	1.66E-01	1.68E-01	1.73E-01	1.81E-01	1.94E-01	1.94E-01	1.95E-03	2.15E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Clinton County	29049	U	Nickel Compounds	2.26E-05	2.26E-05	2.51E-05	2.90E-05	2.79E-05	3.08E-05	3.12E-05	3.12E-05	2.82E-06	1.76E-05	5.56E-06	1.95E-06	0.00E+00
Missouri	Clinton County	29049	U	Perchloroethylene	1.47E-01	1.47E-01	1.51E-01	1.56E-01	1.54E-01	1.58E-01	1.59E-01	1.59E-01	8.68E-03	5.70E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Clinton County	29049	U	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.93E-04	3.93E-04	4.14E-04	4.35E-04	4.77E-04	4.77E-04	0.00E+00	3.38E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Clinton County	29049	U	Polycyclic Organic Matter	5.70E-03	5.70E-03	5.99E-03	6.68E-03	8.55E-03	1.11E-02	1.51E-02	1.51E-02	7.63E-05	5.50E-03	2.54E-03	4.38E-04	0.00E+00
Missouri	Clinton County	29049	U	7-PAH	2.04E-04	2.04E-04	2.08E-04	2.16E-04	3.10E-04	4.12E-04	6.04E-04	6.04E-04	1.57E-09	2.88E-04	1.69E-05	5.20E-06	0.00E+00
Missouri	Clinton County	29049	U	Propylene Dichloride	1.19E-06	1.19E-06	1.26E-06	1.56E-06	1.67E-06	2.09E-06	2.39E-06	2.39E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	Quinoline	6.39E-10	6.39E-10	3.52E-09	1.01E-08	1.02E-08	1.69E-08	2.00E-08	2.00E-08	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	1,1,2,2-Tetrachloroethane	2.07E-07	2.07E-07	4.31E-06	1.00E-05	9.61E-06	1.49E-05	1.82E-05	1.82E-05	0.00E+00	9.61E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Clinton County	29049	U	Trichloroethylene	8.19E-02	8.19E-02	8.19E-02	8.29E-02	8.30E-02	8.40E-02	8.41E-02	8.41E-02	5.94E-06	1.97E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Clinton County	29049	U	Vinyl Chloride	7.84E-07	7.84E-07	1.42E-05	3.02E-05	2.66E-05	3.90E-05	4.52E-05	4.52E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	Acetaldehyde	4.07E-02	4.46E-02	6.90E-02	1.52E-01	1.35E-01	1.88E-01	2.30E-01	2.32E-01	1.24E-06	6.72E-03	9.37E-02	3.47E-02	0.00E+00
Missouri	Cole County	29051	U	Acrolein	1.11E-02	1.18E-02	1.74E-02	2.72E-02	2.75E-02	3.70E-02	4.03E-02	4.56E-02	1.75E-07	5.50E-03	1.77E-02	4.32E-03	0.00E+00
Missouri	Cole County	29051	U	Acrylonitrile	8.77E-06	9.15E-06	2.34E-05	6.91E-05	1.16E-04	2.14E-04	2.41E-04	3.59E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	Arsenic Compounds	8.63E-06	9.44E-06	1.73E-05	3.50E-05	3.96E-05	6.56E-05	6.73E-05	8.16E-05	3.33E-07	8.03E-06	2.44E-05	6.90E-06	0.00E+00
Missouri	Cole County	29051	U	Benzene	5.97E-01	6.10E-01	7.01E-01	9.00E-01	9.12E-01	1.11E+00	1.16E+00	1.35E+00	1.22E-06	6.74E-02	3.02E-01	6.28E-02	4.80E-01
Missouri	Cole County	29051	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
Missouri	Cole County	29051	U	Beryllium Compounds	3.94E-07	5.27E-07	1.64E-06	4.53E-06	6.11E-06	8.94E-06	1.60E-05	1.63E-05	1.74E-08	2.09E-06	0.00E+00	4.00E-06	0.00E+00
Missouri	Cole County	29051	U	1,3-Butadiene	3.94E-03	5.07E-03	1.03E-02	2.79E-02	2.99E-02	5.09E-02	5.30E-02	7.10E-02	0.00E+00	5.64E-04	2.34E-02	5.94E-03	0.00E+00
Missouri	Cole County	29051	U	Cadmium Compounds	7.51E-07	9.31E-07	2.40E-06	6.92E-06	7.66E-06	1.09E-05	1.87E-05	1.93E-05	4.31E-08	3.60E-06	0.00E+00	4.01E-06	0.00E+00
Missouri	Cole County	29051	U	Carbon Disulfide	4.72E-02	4.72E-02	4.78E-02	4.98E-02	5.13E-02	5.17E-02	6.07E-02	6.69E-02	1.22E-07	4.32E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Cole County	29051	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	2.52E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Cole County	29051	U	Chloroform	8.42E-02	8.43E-02	8.54E-02	8.95E-02	9.01E-02	9.49E-02	9.57E-02	9.87E-02	0.00E+00	7.14E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Cole County	29051	U	Chromium Compounds (includes Hexavalent)	1.96E-04	3.23E-04	6.41E-04	1.33E-03	1.47E-03	1.44E-03	2.69E-03	6.56E-03	1.07E-03	3.86E-04	1.75E-05	1.78E-06	0.00E+00
Missouri	Cole County	29051	U	Chromium VI	6.70E-05	1.10E-04	2.20E-04	4.58E-04	5.03E-04	4.92E-04	9.17E-04	2.23E-03	3.63E-04	1.32E-04	6.95E-06	6.06E-07	0.00E+00
Missouri	Cole County	29051	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
Missouri	Cole County	29051	U	1,4-Dichlorobenzene	2.59E-03	2.65E-03	5.43E-03	1.49E-02	1.48E-02	2.21E-02	2.48E-02	3.40E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	1,3-Dichloropropene	5.11E-03	5.16E-03	1.08E-02	3.01E-02	2.99E-02	4.48E-02	5.01E-02	6.90E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	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	8.65E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Cole County	29051	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	3.75E-08	2.52E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Cole County	29051	U	Ethylene Oxide	1.94E-05	3.61E-05	1.03E-04	2.94E-04	7.68E-04	1.54E-03	1.57E-03	3.44E-03	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	Formaldehyde	3.06E-01	3.12E-01	3.49E-01	4.58E-01	4.48E-01	5.42E-01	5.50E-01	6.22E-01	1.83E-07	1.54E-02	1.24E-01	5.82E-02	2.50E-01
Missouri	Cole County	29051	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.34E-05	9.36E-05	9.36E-05	9.40E-05	9.40E-05	9.43E-05	0.00E+00	6.26E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Cole County	29051	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	1.25E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Cole County	29051	U	Hexamethylene Diisocyanate	1.39E-07	2.40E-07	1.99E-06	4.29E-06	4.78E-06	7.85E-06	1.00E-05	1.05E-05	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	Hydrazine	1.62E-09	2.08E-09	1.20E-08	7.23E-08	3.09E-07	2.48E-07	1.31E-06	2.09E-06	0.00E+00	3.09E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	Lead Compounds	7.05E-05	8.99E-05	3.47E-04	8.54E-04	1.20E-03	1.74E-03	3.02E-03	3.42E-03	7.48E-05	2.29E-04	0.00E+00	8.98E-04	0.00E+00
Missouri	Cole County	29051	U	Manganese Compounds	3.32E-05	4.36E-05	1.11E-04	9.24E-04	2.01E-03	2.34E-03	4.58E-03	1.28E-02	6.98E-06	2.00E-03	5.73E-06	1.23E-06	0.00E+00
Missouri	Cole County	29051	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.54E-03	1.54E-03	1.56E-03	1.57E-03	1.58E-03	5.67E-12	5.09E-06	2.60E-05	9.91E-06	1.50E-03
Missouri	Cole County	29051	U	Methylene Chloride	1.60E-01	1.60E-01	1.84E-01	2.28E-01	2.97E-01	3.45E-01	5.33E-01	7.20E-01	2.36E-07	1.47E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Cole County	29051	U	Nickel Compounds	1.50E-05	1.56E-05	4.28E-05	1.34E-04	1.79E-04	3.36E-04	3.59E-04	4.24E-04	6.65E-06	1.51E-04	1.32E-05	8.31E-06	0.00E+00
Missouri	Cole County	29051	U	Perchloroethylene	1.44E-01	1.44E-01	1.49E-01	1.58E-01	1.58E-01	1.62E-01	1.68E-01	1.90E-01	3.51E-08	1.78E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Cole County	29051	U	Polychlorinated Biphenyls	3.96E-04	3.96E-04	4.22E-04	4.51E-04	4.51E-04	4.92E-04	4.97E-04	5.35E-04	0.00E+00	7.12E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Cole County	29051	U	Polycyclic Organic Matter	8.41E-03	9.06E-03	1.29E-02	2.29E-02	2.32E-02	3.27E-02	3.35E-02	4.40E-02	1.70E-08	1.57E-02	5.90E-03	1.56E-03	0.00E+00
Missouri	Cole County	29051	U	7-PAH	4.73E-04	5.18E-04	5.62E-04	7.53E-04	7.64E-04	8.85E-04	1.20E-03	1.23E-03	3.47E-10	7.01E-04	4.09E-05	2.13E-05	0.00E+00
Missouri	Cole County	29051	U	Propylene Dichloride	6.09E-07	6.83E-07	2.26E-06	8.29E-06	1.18E-05	1.29E-05	3.71E-05	5.36E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	Quinoline	3.25E-08	4.43E-08	1.83E-07	4.38E-07	1.07E-06	1.05E-06	3.89E-06	5.61E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	1,1,2,2-Tetrachloroethane	6.82E-07	1.08E-06	1.22E-06	3.22E-06	2.88E-06	3.34E-06	4.04E-06	7.19E-06	0.00E+00	2.88E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cole County	29051	U	Trichloroethylene	8.16E-02	8.17E-02	8.29E-02	8.75E-02	9.33E-02	1.05E-01	1.15E-01	1.15E-01	0.00E+00	1.23E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Cole County	29051	U	Vinyl Chloride	4.05E-06	4.70E-06	1.25E-04	1.50E-04	1.69E-04	2.30E-04	3.11E-04	3.60E-04	1.30E-04	3.87E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	Acetaldehyde	4.14E-02	4.14E-02	4.88E-02	8.53E-02	8.06E-02	9.39E-02	1.34E-01	1.34E-01	1.95E-04	8.22E-03	5.27E-02	1.96E-02	0.00E+00
Missouri	Cooper County	29053	R	Acrolein	6.71E-03	6.71E-03	8.53E-03	1.39E-02	1.24E-02	1.42E-02	1.86E-02	1.86E-02	3.52E-08	2.33E-03	8.00E-03	2.05E-03	0.00E+00
Missouri	Cooper County	29053	R	Acrylonitrile	4.28E-05	4.28E-05	4.68E-05	9.40E-05	8.24E-05	1.04E-04	1.24E-04	1.24E-04	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	Arsenic Compounds	7.50E-06	7.50E-06	7.97E-06	2.38E-05	2.11E-05	2.54E-05	4.09E-05	4.09E-05	6.58E-08	2.03E-06	1.44E-05	4.55E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Cooper County	29053	R	Benzene	5.50E-01	5.50E-01	5.62E-01	7.09E-01	6.83E-01	7.32E-01	8.62E-01	8.62E-01	2.96E-05	2.52E-02	1.50E-01	2.81E-02	4.80E-01
Missouri	Cooper County	29053	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
Missouri	Cooper County	29053	R	Beryllium Compounds	1.02E-06	1.02E-06	1.21E-06	2.59E-06	2.72E-06	4.16E-06	4.60E-06	4.60E-06	3.45E-09	4.47E-07	0.00E+00	2.27E-06	0.00E+00
Missouri	Cooper County	29053	R	1,3-Butadiene	2.67E-03	2.67E-03	3.04E-03	1.74E-02	1.52E-02	1.98E-02	3.31E-02	3.31E-02	0.00E+00	4.07E-04	1.25E-02	2.32E-03	0.00E+00
Missouri	Cooper County	29053	R	Cadmium Compounds	1.23E-06	1.23E-06	1.45E-06	3.28E-06	3.25E-06	4.81E-06	5.47E-06	5.47E-06	8.54E-09	8.71E-07	0.00E+00	2.37E-06	0.00E+00
Missouri	Cooper County	29053	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	2.43E-08	1.03E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Cooper County	29053	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	2.23E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Cooper County	29053	R	Chloroform	8.40E-02	8.40E-02	8.44E-02	8.70E-02	8.63E-02	8.71E-02	8.91E-02	8.91E-02	0.00E+00	3.34E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Cooper County	29053	R	Chromium Compounds (includes Hexavalent)	4.96E-06	4.96E-06	1.64E-05	1.70E-05	5.51E-05	2.61E-05	2.11E-04	2.11E-04	4.12E-05	3.44E-06	9.33E-06	1.16E-06	0.00E+00
Missouri	Cooper County	29053	R	Chromium VI	2.20E-06	2.20E-06	6.74E-06	7.11E-06	1.98E-05	1.08E-05	7.20E-05	7.20E-05	1.40E-05	1.67E-06	3.70E-06	3.94E-07	0.00E+00
Missouri	Cooper County	29053	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
Missouri	Cooper County	29053	R	1,4-Dichlorobenzene	1.16E-03	1.16E-03	1.80E-03	5.96E-03	5.09E-03	6.34E-03	1.02E-02	1.02E-02	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	1,3-Dichloropropene	2.22E-03	2.22E-03	3.39E-03	1.20E-02	1.02E-02	1.28E-02	2.07E-02	2.07E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	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	2.62E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Cooper County	29053	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	7.46E-09	1.45E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Cooper County	29053	R	Ethylene Oxide	6.85E-05	6.85E-05	7.82E-05	1.35E-04	1.43E-04	2.07E-04	2.28E-04	2.28E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	Formaldehyde	3.06E-01	3.06E-01	3.07E-01	3.73E-01	3.61E-01	3.75E-01	4.42E-01	4.42E-01	9.46E-04	9.91E-03	6.61E-02	3.40E-02	2.50E-01
Missouri	Cooper County	29053	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	0.00E+00	3.02E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Cooper County	29053	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	9.12E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Cooper County	29053	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
Missouri	Cooper County	29053	R	Hydrazine	1.72E-11	1.72E-11	1.79E-11	2.90E-11	2.40E-10	7.86E-11	1.06E-09	1.06E-09	0.00E+00	2.40E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	Lead Compounds	5.38E-05	5.38E-05	2.18E-04	2.85E-04	2.61E-04	3.51E-04	3.99E-04	3.99E-04	1.99E-06	1.09E-04	0.00E+00	1.50E-04	0.00E+00
Missouri	Cooper County	29053	R	Manganese Compounds	4.64E-05	4.64E-05	5.02E-05	5.10E-05	6.81E-05	8.71E-05	1.06E-04	1.06E-04	8.03E-08	6.34E-05	3.05E-06	1.52E-06	0.00E+00
Missouri	Cooper County	29053	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.52E-03	1.53E-03	1.55E-03	1.55E-03	0.00E+00	1.90E-06	1.63E-05	6.42E-06	1.50E-03
Missouri	Cooper County	29053	R	Methylene Chloride	1.54E-01	1.54E-01	1.61E-01	1.81E-01	1.75E-01	1.83E-01	1.97E-01	1.97E-01	4.76E-08	2.52E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Cooper County	29053	R	Nickel Compounds	1.47E-05	1.47E-05	2.01E-05	9.49E-05	7.20E-05	1.03E-04	1.27E-04	1.27E-04	4.50E-08	3.81E-05	6.99E-06	2.69E-05	0.00E+00
Missouri	Cooper County	29053	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.46E-01	1.45E-01	1.46E-01	1.48E-01	1.48E-01	7.06E-09	4.73E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Cooper County	29053	R	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.89E-04	4.12E-04	4.10E-04	4.24E-04	4.37E-04	4.37E-04	0.00E+00	2.98E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Cooper County	29053	R	Polycyclic Organic Matter	3.90E-03	3.90E-03	4.61E-03	1.04E-02	9.33E-03	1.12E-02	1.65E-02	1.65E-02	9.35E-05	5.39E-03	3.12E-03	7.30E-04	0.00E+00
Missouri	Cooper County	29053	R	7-PAH	1.81E-04	1.81E-04	2.03E-04	3.24E-04	3.14E-04	3.92E-04	4.70E-04	4.70E-04	6.89E-11	2.79E-04	2.25E-05	1.27E-05	0.00E+00
Missouri	Cooper County	29053	R	Propylene Dichloride	2.50E-06	2.50E-06	2.56E-06	4.99E-06	4.33E-06	5.37E-06	6.24E-06	6.24E-06	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	Quinoline	5.00E-10	5.00E-10	5.64E-10	7.67E-10	9.06E-09	2.06E-09	4.14E-08	4.14E-08	0.00E+00	9.06E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	1,1,2,2-Tetrachloroethane	1.36E-05	1.36E-05	1.70E-05	2.40E-05	2.17E-05	2.56E-05	2.83E-05	2.83E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Cooper County	29053	R	Trichloroethylene	9.10E-02	9.10E-02	1.08E-01	1.17E-01	1.32E-01	1.43E-01	2.00E-01	2.00E-01	1.46E-02	3.61E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Cooper County	29053	R	Vinyl Chloride	5.24E-05	5.24E-05	2.33E-04	2.93E-04	2.54E-04	3.24E-04	3.70E-04	3.70E-04	1.59E-04	9.57E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	Acetaldehyde	1.76E-02	1.76E-02	2.19E-02	3.91E-02	3.74E-02	5.28E-02	5.36E-02	5.36E-02	0.00E+00	6.26E-03	2.77E-02	3.37E-03	0.00E+00
Missouri	Crawford County	29055	R	Acrolein	7.54E-03	7.54E-03	8.41E-03	9.74E-03	9.55E-03	1.07E-02	1.12E-02	1.12E-02	0.00E+00	4.40E-03	4.46E-03	6.94E-04	0.00E+00
Missouri	Crawford County	29055	R	Acrylonitrile	2.15E-05	2.15E-05	2.24E-05	2.48E-05	2.76E-05	3.28E-05	3.94E-05	3.94E-05	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	Arsenic Compounds	4.71E-06	4.71E-06	5.32E-06	8.72E-06	8.65E-06	1.20E-05	1.25E-05	1.25E-05	5.48E-07	6.78E-07	6.63E-06	7.92E-07	0.00E+00
Missouri	Crawford County	29055	R	Benzene	5.28E-01	5.28E-01	5.39E-01	5.72E-01	5.71E-01	6.03E-01	6.10E-01	6.10E-01	0.00E+00	2.24E-02	5.69E-02	1.13E-02	4.80E-01
Missouri	Crawford County	29055	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
Missouri	Crawford County	29055	R	Beryllium Compounds	1.91E-07	1.91E-07	2.63E-07	3.42E-07	3.24E-07	3.85E-07	4.21E-07	4.21E-07	0.00E+00	1.29E-07	0.00E+00	1.95E-07	0.00E+00
Missouri	Crawford County	29055	R	1,3-Butadiene	2.26E-03	2.26E-03	3.49E-03	5.86E-03	5.69E-03	7.89E-03	8.77E-03	8.77E-03	0.00E+00	1.18E-03	3.69E-03	8.19E-04	0.00E+00
Missouri	Crawford County	29055	R	Cadmium Compounds	5.85E-07	5.85E-07	6.30E-07	2.43E-06	2.61E-06	4.59E-06	4.98E-06	4.98E-06	2.08E-06	3.37E-07	0.00E+00	1.94E-07	0.00E+00
Missouri	Crawford County	29055	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	0.00E+00	1.31E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Crawford County	29055	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	8.80E-01
Missouri	Crawford County	29055	R	Chloroform	8.34E-02	8.34E-02	8.35E-02	8.38E-02	8.38E-02	8.41E-02	8.41E-02	8.41E-02	0.00E+00	7.91E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Crawford County	29055	R	Chromium Compounds (includes Hexavalent)	3.72E-06	3.72E-06	4.07E-06	6.64E-06	6.49E-06	8.90E-06	8.94E-06	8.94E-06	4.46E-07	1.81E-06	4.07E-06	1.63E-07	0.00E+00
Missouri	Crawford County	29055	R	Chromium VI	1.41E-06	1.41E-06	1.63E-06	3.07E-06	3.02E-06	4.40E-06	4.52E-06	4.52E-06	1.34E-08	1.33E-06	1.61E-06	5.54E-08	0.00E+00
Missouri	Crawford County	29055	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
Missouri	Crawford County	29055	R	1,4-Dichlorobenzene	9.20E-04	9.20E-04	1.11E-03	1.66E-03	1.57E-03	2.03E-03	2.04E-03	2.04E-03	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	1,3-Dichloropropene	1.76E-03	1.76E-03	2.16E-03	3.26E-03	3.08E-03	4.01E-03	4.05E-03	4.05E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	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	2.38E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Crawford County	29055	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.12E-02	0.00E+00	4.08E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Crawford County	29055	R	Ethylene Oxide	1.04E-05	1.04E-05	1.09E-05	1.28E-05	1.59E-05	2.09E-05	2.76E-05	2.76E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	Formaldehyde	2.85E-01	2.85E-01	2.93E-01	3.11E-01	3.07E-01	3.21E-01	3.22E-01	3.22E-01	0.00E+00	2.04E-02	3.05E-02	6.50E-03	2.50E-01
Missouri	Crawford County	29055	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
Missouri	Crawford County	29055	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-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Crawford County	29055	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	3.80E-07	1.03E-06	1.19E-06	2.01E-06	2.72E-06	2.72E-06	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	Hydrazine	3.87E-10	3.87E-10	4.11E-10	1.15E-09	1.32E-09	2.23E-09	2.59E-09	2.59E-09	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	Lead Compounds	2.84E-05	2.84E-05	2.25E-03	8.37E-03	8.57E-03	1.49E-02	1.75E-02	1.75E-02	8.49E-03	5.93E-06	0.00E+00	8.24E-05	0.00E+00
Missouri	Crawford County	29055	R	Manganese Compounds	9.90E-06	9.90E-06	1.26E-05	2.00E-05	2.03E-05	2.81E-05	3.15E-05	3.15E-05	0.00E+00	1.90E-05	1.26E-06	1.03E-07	0.00E+00
Missouri	Crawford County	29055	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	6.43E-07	7.70E-06	8.49E-07	1.50E-03
Missouri	Crawford County	29055	R	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.58E-01	1.59E-01	1.62E-01	1.65E-01	1.65E-01	0.00E+00	8.54E-03	0.00E+00	0.00E+00	1.50E-01

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Crawford County	29055	R	Nickel Compounds	6.31E-06	6.31E-06	9.06E-06	1.73E-05	1.72E-05	2.54E-05	2.80E-05	2.80E-05	0.00E+00	1.39E-05	3.05E-06	2.31E-07	0.00E+00
Missouri	Crawford County	29055	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.45E-01	0.00E+00	2.85E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Crawford County	29055	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.89E-04	3.93E-04	3.94E-04	4.00E-04	4.06E-04	4.06E-04	0.00E+00	1.44E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Crawford County	29055	R	Polycyclic Organic Matter	3.15E-03	3.15E-03	3.82E-03	5.44E-03	5.13E-03	6.45E-03	6.50E-03	6.50E-03	6.69E-05	3.57E-03	1.32E-03	1.76E-04	0.00E+00
Missouri	Crawford County	29055	R	7-PAH	2.78E-04	2.78E-04	3.13E-04	3.59E-04	3.52E-04	3.90E-04	4.10E-04	4.10E-04	0.00E+00	3.39E-04	1.02E-05	2.16E-06	0.00E+00
Missouri	Crawford County	29055	R	Propylene Dichloride	1.28E-06	1.28E-06	1.28E-06	1.42E-06	1.57E-06	1.86E-06	2.16E-06	2.16E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	Quinoline	9.37E-09	9.37E-09	1.01E-08	1.54E-08	1.60E-08	2.18E-08	2.38E-08	2.38E-08	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	1,1,2,2-Tetrachloroethane	6.34E-06	6.34E-06	7.98E-06	1.02E-05	1.02E-05	1.24E-05	1.41E-05	1.41E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Crawford County	29055	R	Trichloroethylene	8.14E-02	8.14E-02	8.16E-02	8.18E-02	8.32E-02	8.47E-02	8.76E-02	8.76E-02	3.43E-04	1.81E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Crawford County	29055	R	Vinyl Chloride	1.97E-05	1.97E-05	2.25E-05	2.71E-05	3.03E-05	3.81E-05	4.72E-05	4.72E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	Acetaldehyde	4.97E-02	4.97E-02	4.97E-02	5.00E-02	5.00E-02	5.04E-02	5.04E-02	5.04E-02	1.64E-02	1.56E-03	2.14E-02	1.06E-02	0.00E+00
Missouri	Dade County	29057	R	Acrolein	6.32E-03	6.32E-03	6.32E-03	7.70E-03	7.70E-03	9.08E-03	9.08E-03	9.08E-03	4.01E-06	1.34E-03	4.55E-03	1.80E-03	0.00E+00
Missouri	Dade County	29057	R	Acrylonitrile	2.17E-05	2.17E-05	2.17E-05	3.55E-05	3.55E-05	4.93E-05	4.93E-05	4.93E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	Arsenic Compounds	6.49E-06	6.49E-06	6.49E-06	1.31E-05	1.31E-05	1.97E-05	1.97E-05	1.97E-05	6.93E-06	4.75E-07	3.81E-06	1.90E-06	0.00E+00
Missouri	Dade County	29057	R	Benzene	5.48E-01	5.48E-01	5.48E-01	5.68E-01	5.68E-01	5.88E-01	5.88E-01	5.88E-01	3.18E-03	1.69E-02	4.11E-02	2.69E-02	4.80E-01
Missouri	Dade County	29057	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
Missouri	Dade County	29057	R	Beryllium Compounds	1.05E-06	1.05E-06	1.05E-06	1.29E-06	1.29E-06	1.53E-06	1.53E-06	1.53E-06	6.54E-07	1.12E-07	0.00E+00	5.21E-07	0.00E+00
Missouri	Dade County	29057	R	1,3-Butadiene	1.92E-03	1.92E-03	1.92E-03	2.62E-03	2.62E-03	3.33E-03	3.33E-03	3.33E-03	0.00E+00	2.33E-04	1.09E-03	1.30E-03	0.00E+00
Missouri	Dade County	29057	R	Cadmium Compounds	1.24E-06	1.24E-06	1.24E-06	2.00E-06	2.00E-06	2.76E-06	2.76E-06	2.76E-06	1.20E-06	2.80E-07	0.00E+00	5.20E-07	0.00E+00
Missouri	Dade County	29057	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	2.38E-06	9.27E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Dade County	29057	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	2.51E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Dade County	29057	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.36E-02	8.36E-02	8.39E-02	8.39E-02	8.39E-02	0.00E+00	5.58E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Dade County	29057	R	Chromium Compounds (includes Hexavalent)	4.98E-06	4.98E-06	4.98E-06	7.16E-05	7.16E-05	1.38E-04	1.38E-04	1.38E-04	5.00E-06	6.37E-05	2.54E-06	3.56E-07	0.00E+00
Missouri	Dade County	29057	R	Chromium VI	2.39E-06	2.39E-06	2.39E-06	2.40E-05	2.40E-05	4.56E-05	4.56E-05	4.56E-05	7.32E-07	2.21E-05	1.02E-06	1.21E-07	0.00E+00
Missouri	Dade County	29057	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
Missouri	Dade County	29057	R	1,4-Dichlorobenzene	9.14E-04	9.14E-04	9.14E-04	1.41E-03	1.41E-03	1.90E-03	1.90E-03	1.90E-03	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	1,3-Dichloropropene	1.75E-03	1.75E-03	1.75E-03	2.66E-03	2.66E-03	3.56E-03	3.56E-03	3.56E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.72E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Dade County	29057	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	7.33E-07	4.10E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Dade County	29057	R	Ethylene Oxide	1.63E-05	1.63E-05	1.63E-05	3.87E-05	3.87E-05	6.12E-05	6.12E-05	6.12E-05	1.36E-05	2.51E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	Formaldehyde	3.56E-01	3.56E-01	3.56E-01	3.81E-01	3.81E-01	4.06E-01	4.06E-01	4.06E-01	9.01E-02	5.00E-03	1.99E-02	1.60E-02	2.50E-01
Missouri	Dade County	29057	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	1.27E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Dade County	29057	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.17E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Dade County	29057	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
Missouri	Dade County	29057	R	Hydrazine	9.00E-11	9.00E-11	9.00E-11	1.34E-10	1.34E-10	1.77E-10	1.77E-10	1.77E-10	0.00E+00	1.34E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	Lead Compounds	1.63E-05	1.63E-05	1.63E-05	6.49E-05	6.49E-05	1.13E-04	1.13E-04	1.13E-04	7.90E-06	8.88E-06	0.00E+00	4.81E-05	0.00E+00
Missouri	Dade County	29057	R	Manganese Compounds	4.69E-06	4.69E-06	4.69E-06	3.49E-05	3.49E-05	6.51E-05	6.51E-05	6.51E-05	9.32E-06	2.46E-05	7.40E-07	2.37E-07	0.00E+00
Missouri	Dade County	29057	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	7.66E-07	4.67E-07	4.35E-06	2.14E-06	1.50E-03
Missouri	Dade County	29057	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.96E-01	1.96E-01	2.38E-01	2.38E-01	2.38E-01	4.08E-02	5.26E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Dade County	29057	R	Nickel Compounds	9.07E-06	9.07E-06	9.07E-06	5.26E-05	5.26E-05	9.62E-05	9.62E-05	9.62E-05	4.39E-06	4.59E-05	1.89E-06	4.37E-07	0.00E+00
Missouri	Dade County	29057	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	7.15E-07	1.54E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Dade County	29057	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	3.90E-04	3.90E-04	3.94E-04	3.94E-04	3.94E-04	0.00E+00	1.01E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Dade County	29057	R	Polycyclic Organic Matter	3.49E-03	3.49E-03	3.49E-03	4.73E-03	4.73E-03	5.97E-03	5.97E-03	5.97E-03	2.23E-04	3.35E-03	8.52E-04	3.06E-04	0.00E+00
Missouri	Dade County	29057	R	7-PAH	1.63E-04	1.63E-04	1.63E-04	2.32E-04	2.32E-04	3.01E-04	3.01E-04	3.01E-04	7.05E-09	2.18E-04	6.15E-06	8.21E-06	0.00E+00
Missouri	Dade County	29057	R	Propylene Dichloride	1.03E-06	1.03E-06	1.03E-06	1.85E-06	1.85E-06	2.68E-06	2.68E-06	2.68E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	Quinoline	2.92E-09	2.92E-09	2.92E-09	4.26E-09	4.26E-09	5.59E-09	5.59E-09	5.59E-09	0.00E+00	4.26E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	1,1,2,2-Tetrachloroethane	6.59E-06	6.59E-06	6.59E-06	1.37E-05	1.37E-05	2.08E-05	2.08E-05	2.08E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dade County	29057	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.14E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	3.83E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Dade County	29057	R	Vinyl Chloride	2.33E-05	2.33E-05	2.33E-05	3.84E-05	3.84E-05	5.36E-05	5.36E-05	5.36E-05	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	Acetaldehyde	2.72E-02	2.72E-02	2.72E-02	4.22E-02	4.04E-02	5.20E-02	5.20E-02	5.20E-02	0.00E+00	5.17E-03	3.08E-02	4.52E-03	0.00E+00
Missouri	Dallas County	29059	R	Acrolein	7.61E-03	7.61E-03	7.61E-03	1.13E-02	1.03E-02	1.21E-02	1.21E-02	1.21E-02	0.00E+00	3.35E-03	6.08E-03	8.97E-04	0.00E+00
Missouri	Dallas County	29059	R	Acrylonitrile	5.14E-06	5.14E-06	5.14E-06	2.39E-05	2.07E-05	3.30E-05	3.30E-05	3.30E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	Arsenic Compounds	5.14E-06	5.14E-06	5.14E-06	9.46E-06	8.48E-06	1.08E-05	1.08E-05	1.08E-05	0.00E+00	6.79E-07	6.49E-06	1.31E-06	0.00E+00
Missouri	Dallas County	29059	R	Benzene	5.45E-01	5.45E-01	5.45E-01	5.89E-01	5.79E-01	6.03E-01	6.03E-01	6.03E-01	0.00E+00	2.49E-02	6.34E-02	1.05E-02	4.80E-01
Missouri	Dallas County	29059	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
Missouri	Dallas County	29059	R	Beryllium Compounds	1.02E-07	1.02E-07	1.02E-07	3.88E-07	3.09E-07	4.38E-07	4.38E-07	4.38E-07	0.00E+00	1.62E-07	0.00E+00	1.47E-07	0.00E+00
Missouri	Dallas County	29059	R	1,3-Butadiene	2.71E-03	2.71E-03	2.71E-03	3.75E-03	3.81E-03	4.99E-03	4.99E-03	4.99E-03	0.00E+00	6.46E-04	2.68E-03	4.90E-04	0.00E+00
Missouri	Dallas County	29059	R	Cadmium Compounds	2.10E-07	2.10E-07	2.10E-07	6.62E-07	5.18E-07	6.81E-07	6.81E-07	6.81E-07	0.00E+00	3.72E-07	0.00E+00	1.45E-07	0.00E+00
Missouri	Dallas County	29059	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	1.16E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Dallas County	29059	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	2.94E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Dallas County	29059	R	Chloroform	8.37E-02	8.37E-02	8.37E-02	8.46E-02	8.44E-02	8.50E-02	8.50E-02	8.50E-02	0.00E+00	1.45E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Dallas County	29059	R	Chromium Compounds (includes Hexavalent)	4.04E-05	4.04E-05	4.04E-05	1.99E-04	1.78E-04	2.96E-04	2.96E-04	2.96E-04	6.65E-05	1.08E-04	4.10E-06	1.36E-07	0.00E+00
Missouri	Dallas County	29059	R	Chromium VI	3.67E-05	3.67E-05	3.67E-05	1.10E-04	1.00E-04	1.54E-04	1.54E-04	1.54E-04	2.26E-05	7.60E-05	1.63E-06	4.63E-08	0.00E+00
Missouri	Dallas County	29059	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

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Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Dallas County	29059	R	1,4-Dichlorobenzene	1.07E-03	1.07E-03	1.07E-03	2.33E-03	2.06E-03	2.80E-03	2.80E-03	2.80E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	1,3-Dichloropropene	2.07E-03	2.07E-03	2.07E-03	4.45E-03	4.01E-03	5.51E-03	5.51E-03	5.51E-03	0.00E+00	4.01E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	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	1.39E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Dallas County	29059	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	1.84E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Dallas County	29059	R	Ethylene Oxide	3.69E-06	3.69E-06	3.69E-06	2.04E-05	2.03E-05	3.70E-05	3.70E-05	3.70E-05	3.29E-06	1.71E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	Formaldehyde	2.88E-01	2.88E-01	2.88E-01	3.06E-01	3.02E-01	3.11E-01	3.11E-01	3.11E-01	9.07E-07	1.34E-02	3.02E-02	7.97E-03	2.50E-01
Missouri	Dallas County	29059	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	2.02E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Dallas County	29059	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	1.43E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Dallas County	29059	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
Missouri	Dallas County	29059	R	Hydrazine	4.46E-11	4.46E-11	4.46E-11	2.53E-10	2.87E-10	5.64E-10	5.64E-10	5.64E-10	0.00E+00	2.87E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	Lead Compounds	1.52E-05	1.52E-05	1.52E-05	4.67E-05	3.98E-05	5.74E-05	5.74E-05	5.74E-05	0.00E+00	2.22E-05	0.00E+00	1.75E-05	0.00E+00
Missouri	Dallas County	29059	R	Manganese Compounds	1.15E-04	1.15E-04	1.15E-04	2.69E-04	2.44E-04	3.48E-04	3.48E-04	3.48E-04	6.42E-05	1.78E-04	1.27E-06	1.33E-07	0.00E+00
Missouri	Dallas County	29059	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	1.67E-11	4.74E-07	7.55E-06	1.32E-06	1.50E-03
Missouri	Dallas County	29059	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.66E-01	1.69E-01	1.87E-01	1.87E-01	1.87E-01	1.05E-02	8.80E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Dallas County	29059	R	Nickel Compounds	4.77E-05	4.77E-05	4.77E-05	2.11E-04	1.81E-04	2.84E-04	2.84E-04	2.84E-04	6.02E-05	1.17E-04	3.09E-06	2.17E-07	0.00E+00
Missouri	Dallas County	29059	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.44E-01	1.43E-01	1.45E-01	1.45E-01	1.45E-01	0.00E+00	3.43E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Dallas County	29059	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.90E-04	3.93E-04	4.01E-04	4.18E-04	4.18E-04	4.18E-04	0.00E+00	2.08E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Dallas County	29059	R	Polycyclic Organic Matter	3.55E-03	3.55E-03	3.55E-03	6.70E-03	5.88E-03	7.37E-03	7.37E-03	7.37E-03	0.00E+00	4.37E-03	1.35E-03	1.54E-04	0.00E+00
Missouri	Dallas County	29059	R	7-PAH	2.60E-04	2.60E-04	2.60E-04	3.67E-04	3.60E-04	4.55E-04	4.55E-04	4.55E-04	0.00E+00	3.48E-04	1.02E-05	2.17E-06	0.00E+00
Missouri	Dallas County	29059	R	Propylene Dichloride	2.32E-07	2.32E-07	2.32E-07	1.38E-06	1.06E-06	1.58E-06	1.58E-06	1.58E-06	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	Quinoline	1.46E-09	1.46E-09	1.46E-09	8.25E-09	8.01E-09	1.43E-08	1.43E-08	1.43E-08	0.00E+00	8.01E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	1,1,2,2-Tetrachloroethane	1.22E-06	1.22E-06	1.22E-06	9.57E-06	6.89E-06	9.89E-06	9.89E-06	9.89E-06	0.00E+00	6.89E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dallas County	29059	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.16E-02	8.16E-02	8.22E-02	8.22E-02	8.22E-02	0.00E+00	6.49E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Dallas County	29059	R	Vinyl Chloride	3.05E-06	3.05E-06	3.05E-06	2.39E-05	1.73E-05	2.48E-05	2.48E-05	2.48E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	Acetaldehyde	3.36E-02	3.36E-02	3.36E-02	3.86E-02	3.86E-02	4.37E-02	4.37E-02	4.37E-02	2.09E-07	2.19E-03	2.39E-02	1.26E-02	0.00E+00
Missouri	Daviess County	29061	R	Acrolein	6.86E-03	6.86E-03	6.86E-03	6.97E-03	6.97E-03	7.08E-03	7.08E-03	7.08E-03	3.38E-08	1.30E-03	4.88E-03	7.91E-04	0.00E+00
Missouri	Daviess County	29061	R	Acrylonitrile	3.39E-06	3.39E-06	3.39E-06	1.49E-05	1.49E-05	2.65E-05	2.65E-05	2.65E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	Arsenic Compounds	9.37E-06	9.37E-06	9.37E-06	1.06E-05	1.06E-05	1.19E-05	1.19E-05	1.19E-05	6.58E-08	2.97E-07	6.98E-06	3.27E-06	0.00E+00
Missouri	Daviess County	29061	R	Benzene	5.56E-01	5.56E-01	5.56E-01	5.66E-01	5.66E-01	5.75E-01	5.75E-01	5.75E-01	2.42E-07	1.29E-02	6.43E-02	8.60E-03	4.80E-01
Missouri	Daviess County	29061	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
Missouri	Daviess County	29061	R	Beryllium Compounds	1.60E-07	1.60E-07	1.60E-07	2.60E-07	2.60E-07	3.60E-07	3.60E-07	3.60E-07	3.44E-09	7.11E-08	0.00E+00	1.86E-07	0.00E+00
Missouri	Daviess County	29061	R	1,3-Butadiene	3.78E-03	3.78E-03	3.78E-03	4.80E-03	4.80E-03	5.83E-03	5.83E-03	5.83E-03	0.00E+00	3.24E-04	4.01E-03	4.71E-04	0.00E+00
Missouri	Daviess County	29061	R	Cadmium Compounds	2.55E-07	2.55E-07	2.55E-07	3.88E-07	3.88E-07	5.22E-07	5.22E-07	5.22E-07	8.53E-09	1.95E-07	0.00E+00	1.85E-07	0.00E+00
Missouri	Daviess County	29061	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	2.42E-08	4.74E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Daviess County	29061	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	1.48E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Daviess County	29061	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	1.98E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Daviess County	29061	R	Chromium Compounds (includes Hexavalent)	1.51E-05	1.51E-05	1.51E-05	2.99E-05	2.99E-05	4.46E-05	4.46E-05	4.46E-05	4.29E-08	2.55E-05	4.20E-06	1.20E-07	0.00E+00
Missouri	Daviess County	29061	R	Chromium VI	5.38E-06	5.38E-06	5.38E-06	1.04E-05	1.04E-05	1.54E-05	1.54E-05	1.54E-05	7.73E-09	8.69E-06	1.67E-06	4.09E-08	0.00E+00
Missouri	Daviess County	29061	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
Missouri	Daviess County	29061	R	1,4-Dichlorobenzene	9.06E-04	9.06E-04	9.06E-04	1.12E-03	1.12E-03	1.33E-03	1.33E-03	1.33E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	1,3-Dichloropropene	1.75E-03	1.75E-03	1.75E-03	2.19E-03	2.19E-03	2.64E-03	2.64E-03	2.64E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	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
Missouri	Daviess County	29061	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	7.45E-09	1.42E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Daviess County	29061	R	Ethylene Oxide	1.20E-05	1.20E-05	1.20E-05	1.35E-05	1.35E-05	1.49E-05	1.49E-05	1.49E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	Formaldehyde	2.96E-01	2.96E-01	2.96E-01	3.03E-01	3.03E-01	3.10E-01	3.10E-01	3.10E-01	3.36E-08	5.37E-03	2.81E-02	1.97E-02	2.50E-01
Missouri	Daviess County	29061	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	1.73E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Daviess County	29061	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	7.30E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Daviess County	29061	R	Hexamethylene Diisocyanate	2.49E-06	2.49E-06	2.49E-06	5.34E-06	5.34E-06	8.18E-06	8.18E-06	8.18E-06	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	2.99E-12	2.99E-12	5.98E-12	5.98E-12	5.98E-12	0.00E+00	2.99E-12	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	Lead Compounds	2.57E-05	2.57E-05	2.57E-05	2.78E-05	2.78E-05	2.98E-05	2.98E-05	2.98E-05	4.93E-06	6.66E-06	0.00E+00	1.62E-05	0.00E+00
Missouri	Daviess County	29061	R	Manganese Compounds	2.47E-06	2.47E-06	2.47E-06	3.18E-06	3.18E-06	3.90E-06	3.90E-06	3.90E-06	6.84E-07	9.05E-07	1.33E-06	2.67E-07	0.00E+00
Missouri	Daviess County	29061	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	2.06E-07	8.14E-06	3.03E-06	1.50E-03
Missouri	Daviess County	29061	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.55E-01	1.55E-01	1.55E-01	4.69E-08	4.45E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Daviess County	29061	R	Nickel Compounds	7.68E-06	7.68E-06	7.68E-06	8.66E-06	8.66E-06	9.64E-06	9.64E-06	9.64E-06	4.49E-08	5.03E-06	3.18E-06	4.05E-07	0.00E+00
Missouri	Daviess County	29061	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	6.96E-09	7.74E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Daviess County	29061	R	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.88E-04	3.91E-04	3.91E-04	3.94E-04	3.94E-04	3.94E-04	0.00E+00	1.08E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Daviess County	29061	R	Polycyclic Organic Matter	3.11E-03	3.11E-03	3.11E-03	3.79E-03	3.79E-03	4.47E-03	4.47E-03	4.47E-03	3.36E-09	2.26E-03	1.35E-03	1.74E-04	0.00E+00
Missouri	Daviess County	29061	R	7-PAH	1.40E-04	1.40E-04	1.40E-04	1.81E-04	1.81E-04	2.22E-04	2.22E-04	2.22E-04	6.87E-11	1.68E-04	1.06E-05	2.23E-06	0.00E+00
Missouri	Daviess County	29061	R	Propylene Dichloride	1.02E-07	1.02E-07	1.02E-07	7.80E-07	7.80E-07	1.46E-06	1.46E-06	1.46E-06	0.00E+00	7.80E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	7.78E-11	7.78E-11	1.56E-10	1.56E-10	1.56E-10	0.00E+00	7.78E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	1,1,2,2-Tetrachloroethane	1.58E-08	1.58E-08	1.58E-08	6.05E-06	6.05E-06	1.21E-05	1.21E-05	1.21E-05	0.00E+00	6.05E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Daviess County	29061	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.14E-02	8.14E-02	8.14E-02	0.00E+00	3.01E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Daviess County	29061	R	Vinyl Chloride	6.32E-08	6.32E-08	6.32E-08	1.49E-05	1.49E-05	2.98E-05	2.98E-05	2.98E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	Acetaldehyde	2.84E-02	2.84E-02	2.84E-02	3.35E-02	3.35E-02	3.85E-02	3.85E-02	3.85E-02	2.45E-06	2.63E-03	2.26E-02	8.28E-03	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	DeKalb County	29063	R	Acrolein	4.65E-03	4.65E-03	4.65E-03	5.63E-03	5.63E-03	6.61E-03	6.61E-03	6.61E-03	9.97E-08	7.43E-04	4.21E-03	6.79E-04	0.00E+00
Missouri	DeKalb County	29063	R	Acrylonitrile	7.73E-06	7.73E-06	7.73E-06	1.27E-05	1.27E-05	1.77E-05	1.77E-05	1.77E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	Arsenic Compounds	6.24E-06	6.24E-06	6.24E-06	7.44E-06	7.44E-06	8.64E-06	8.64E-06	8.64E-06	1.53E-07	3.55E-07	4.66E-06	2.27E-06	0.00E+00
Missouri	DeKalb County	29063	R	Benzene	5.30E-01	5.30E-01	5.30E-01	5.47E-01	5.47E-01	5.63E-01	5.63E-01	5.63E-01	5.76E-07	1.14E-02	4.73E-02	8.15E-03	4.80E-01
Missouri	DeKalb County	29063	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
Missouri	DeKalb County	29063	R	Beryllium Compounds	1.73E-07	1.73E-07	1.73E-07	1.80E-07	1.80E-07	1.87E-07	1.87E-07	1.87E-07	7.96E-09	1.07E-07	0.00E+00	6.50E-08	0.00E+00
Missouri	DeKalb County	29063	R	1,3-Butadiene	1.82E-03	1.82E-03	1.82E-03	2.93E-03	2.93E-03	4.05E-03	4.05E-03	4.05E-03	0.00E+00	1.01E-04	2.41E-03	4.22E-04	0.00E+00
Missouri	DeKalb County	29063	R	Cadmium Compounds	2.36E-07	2.36E-07	2.36E-07	2.60E-07	2.60E-07	2.83E-07	2.83E-07	2.83E-07	2.04E-08	1.75E-07	0.00E+00	6.45E-08	0.00E+00
Missouri	DeKalb County	29063	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	5.69E-08	7.65E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	DeKalb County	29063	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	2.16E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	DeKalb County	29063	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.35E-02	8.35E-02	8.35E-02	8.35E-02	8.35E-02	0.00E+00	4.72E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	DeKalb County	29063	R	Chromium Compounds (includes Hexavalent)	2.50E-06	2.50E-06	2.50E-06	4.49E-06	4.49E-06	6.49E-06	6.49E-06	6.49E-06	1.00E-07	1.46E-06	2.85E-06	8.61E-08	0.00E+00
Missouri	DeKalb County	29063	R	Chromium VI	9.44E-07	9.44E-07	9.44E-07	1.70E-06	1.70E-06	2.45E-06	2.45E-06	2.45E-06	1.11E-08	5.22E-07	1.14E-06	2.93E-08	0.00E+00
Missouri	DeKalb County	29063	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
Missouri	DeKalb County	29063	R	1,4-Dichlorobenzene	1.25E-03	1.25E-03	1.25E-03	1.56E-03	1.56E-03	1.87E-03	1.87E-03	1.87E-03	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	1,3-Dichloropropene	2.44E-03	2.44E-03	2.44E-03	3.07E-03	3.07E-03	3.70E-03	3.70E-03	3.70E-03	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	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	5.67E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	DeKalb County	29063	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	1.75E-08	1.17E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	DeKalb County	29063	R	Ethylene Oxide	1.32E-05	1.32E-05	1.32E-05	2.01E-05	2.01E-05	2.71E-05	2.71E-05	2.71E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	Formaldehyde	2.85E-01	2.85E-01	2.85E-01	2.91E-01	2.91E-01	2.96E-01	2.96E-01	2.96E-01	1.08E-06	4.03E-03	2.28E-02	1.37E-02	2.50E-01
Missouri	DeKalb County	29063	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.82E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	DeKalb County	29063	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	1.08E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	DeKalb County	29063	R	Hexamethylene Diisocyanate	5.39E-07	5.39E-07	5.39E-07	5.73E-07	5.73E-07	6.06E-07	6.06E-07	6.06E-07	3.03E-07	2.70E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	Hydrazine	1.86E-11	1.86E-11	1.86E-11	6.90E-11	6.90E-11	1.20E-10	1.20E-10	1.20E-10	0.00E+00	6.90E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	Lead Compounds	5.87E-05	5.87E-05	5.87E-05	1.46E-04	1.46E-04	2.33E-04	2.33E-04	2.33E-04	1.64E-07	1.45E-05	0.00E+00	1.31E-04	0.00E+00
Missouri	DeKalb County	29063	R	Manganese Compounds	2.18E-06	2.18E-06	2.18E-06	3.08E-06	3.08E-06	3.97E-06	3.97E-06	3.97E-06	1.22E-06	7.89E-07	8.81E-07	1.86E-07	0.00E+00
Missouri	DeKalb County	29063	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	2.28E-10	6.35E-07	5.32E-06	2.04E-06	1.50E-03
Missouri	DeKalb County	29063	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.56E-01	1.56E-01	1.58E-01	1.58E-01	1.58E-01	1.17E-07	6.22E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	DeKalb County	29063	R	Nickel Compounds	8.95E-06	8.95E-06	8.95E-06	1.14E-05	1.14E-05	1.39E-05	1.39E-05	1.39E-05	2.45E-07	8.73E-06	2.17E-06	3.00E-07	0.00E+00
Missouri	DeKalb County	29063	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.74E-08	1.27E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	DeKalb County	29063	R	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.91E-04	3.94E-04	3.94E-04	3.98E-04	3.98E-04	3.98E-04	0.00E+00	1.45E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	DeKalb County	29063	R	Polycyclic Organic Matter	2.49E-03	2.49E-03	2.49E-03	3.10E-03	3.10E-03	3.70E-03	3.70E-03	3.70E-03	3.57E-07	1.96E-03	9.76E-04	1.58E-04	0.00E+00
Missouri	DeKalb County	29063	R	7-PAH	1.10E-04	1.10E-04	1.10E-04	1.29E-04	1.29E-04	1.48E-04	1.48E-04	1.48E-04	1.82E-10	1.21E-04	6.90E-06	1.82E-06	0.00E+00
Missouri	DeKalb County	29063	R	Propylene Dichloride	2.36E-07	2.36E-07	2.36E-07	6.01E-07	6.01E-07	9.67E-07	9.67E-07	9.67E-07	0.00E+00	6.01E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	Quinoline	6.53E-10	6.53E-10	6.53E-10	2.22E-09	2.22E-09	3.78E-09	3.78E-09	3.78E-09	0.00E+00	2.22E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	1,1,2,2-Tetrachloroethane	3.59E-08	3.59E-08	3.59E-08	3.69E-06	3.69E-06	7.35E-06	7.35E-06	7.35E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	DeKalb County	29063	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.14E-02	8.14E-02	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	DeKalb County	29063	R	Vinyl Chloride	1.54E-07	1.54E-07	1.54E-07	9.20E-06	9.20E-06	1.83E-05	1.83E-05	1.83E-05	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	Acetaldehyde	1.90E-02	1.90E-02	2.12E-02	2.94E-02	3.07E-02	4.03E-02	4.52E-02	4.52E-02	0.00E+00	1.19E-02	1.43E-02	4.58E-03	0.00E+00
Missouri	Dent County	29065	R	Acrolein	5.52E-03	5.52E-03	5.53E-03	7.95E-03	8.51E-03	1.15E-02	1.26E-02	1.26E-02	0.00E+00	5.51E-03	2.50E-03	4.99E-04	0.00E+00
Missouri	Dent County	29065	R	Acrylonitrile	7.17E-06	7.17E-06	8.12E-06	4.71E-05	5.27E-05	9.73E-05	1.10E-04	1.10E-04	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	Arsenic Compounds	2.56E-06	2.56E-06	2.95E-06	7.58E-06	1.03E-05	1.77E-05	2.35E-05	2.35E-05	9.12E-07	2.74E-06	4.49E-06	2.16E-06	0.00E+00
Missouri	Dent County	29065	R	Benzene	5.03E-01	5.03E-01	5.08E-01	5.62E-01	5.94E-01	6.79E-01	7.48E-01	7.48E-01	0.00E+00	5.30E-02	5.20E-02	8.74E-03	4.80E-01
Missouri	Dent County	29065	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
Missouri	Dent County	29065	R	Beryllium Compounds	4.05E-08	4.05E-08	5.92E-08	4.53E-07	7.28E-07	1.40E-06	1.97E-06	1.97E-06	0.00E+00	7.12E-07	0.00E+00	1.64E-08	0.00E+00
Missouri	Dent County	29065	R	1,3-Butadiene	1.59E-03	1.59E-03	1.61E-03	5.01E-03	7.01E-03	1.24E-02	1.64E-02	1.64E-02	0.00E+00	1.45E-03	4.63E-03	9.25E-04	0.00E+00
Missouri	Dent County	29065	R	Cadmium Compounds	2.61E-06	2.61E-06	3.60E-06	4.86E-06	4.71E-06	5.81E-06	6.51E-06	6.51E-06	3.43E-06	1.26E-06	0.00E+00	1.63E-08	0.00E+00
Missouri	Dent County	29065	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.78E-02	4.86E-02	5.00E-02	5.15E-02	5.15E-02	0.00E+00	1.57E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Dent County	29065	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.79E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Dent County	29065	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.36E-02	8.37E-02	8.41E-02	8.44E-02	8.44E-02	0.00E+00	6.77E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Dent County	29065	R	Chromium Compounds (includes Hexavalent)	2.00E-06	2.00E-06	8.14E-06	2.19E-05	2.26E-05	3.71E-05	4.48E-05	4.48E-05	7.38E-07	1.88E-05	2.99E-06	1.19E-07	0.00E+00
Missouri	Dent County	29065	R	Chromium VI	6.27E-07	6.27E-07	4.89E-06	9.65E-06	1.08E-05	1.68E-05	2.34E-05	2.34E-05	2.22E-08	9.65E-06	1.11E-06	4.06E-08	0.00E+00
Missouri	Dent County	29065	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
Missouri	Dent County	29065	R	1,4-Dichlorobenzene	4.67E-04	4.67E-04	6.66E-04	3.10E-03	4.69E-03	8.72E-03	1.21E-02	1.21E-02	0.00E+00	4.69E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	1,3-Dichloropropene	9.14E-04	9.14E-04	1.30E-03	6.24E-03	9.51E-03	1.77E-02	2.47E-02	2.47E-02	0.00E+00	9.51E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	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	3.48E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Dent County	29065	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	1.05E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Dent County	29065	R	Ethylene Oxide	4.35E-06	4.35E-06	9.30E-06	1.03E-04	1.90E-04	3.72E-04	5.52E-04	5.52E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	Formaldehyde	2.82E-01	2.82E-01	2.83E-01	3.01E-01	3.08E-01	3.32E-01	3.47E-01	3.47E-01	0.00E+00	2.66E-02	2.17E-02	9.34E-03	2.50E-01
Missouri	Dent County	29065	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.34E-05	9.36E-05	9.41E-05	9.46E-05	9.46E-05	0.00E+00	5.87E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Dent County	29065	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	4.56E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Dent County	29065	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	1.02E-05	1.17E-05	2.35E-05	2.66E-05	2.66E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	Hydrazine	1.39E-09	1.39E-09	1.89E-09	3.75E-08	1.46E-07	2.90E-07	5.08E-07	5.08E-07	0.00E+00	1.46E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	Lead Compounds	7.00E-03	7.00E-03	8.66E-03	1.07E-02	1.15E-02	1.42E-02	1.73E-02	1.73E-02	1.09E-02	5.91E-04	0.00E+00	2.48E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Dent County	29065	R	Manganese Compounds	3.52E-06	3.52E-06	1.59E-05	3.00E-05	2.62E-05	3.66E-05	4.15E-05	4.15E-05	0.00E+00	2.51E-05	9.75E-07	1.85E-07	0.00E+00
Missouri	Dent County	29065	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	2.34E-06	4.94E-06	1.79E-06	1.50E-03
Missouri	Dent County	29065	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.67E-01	1.77E-01	2.02E-01	2.22E-01	2.22E-01	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Dent County	29065	R	Nickel Compounds	3.62E-06	3.62E-06	3.78E-06	3.29E-05	5.01E-05	9.64E-05	1.31E-04	1.31E-04	0.00E+00	4.75E-05	2.28E-06	2.94E-07	0.00E+00
Missouri	Dent County	29065	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.44E-01	1.45E-01	1.48E-01	1.50E-01	1.50E-01	0.00E+00	4.94E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Dent County	29065	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.84E-04	4.22E-04	4.52E-04	5.20E-04	5.83E-04	5.83E-04	0.00E+00	7.24E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Dent County	29065	R	Polycyclic Organic Matter	1.75E-03	1.75E-03	2.09E-03	6.54E-03	9.02E-03	1.60E-02	2.13E-02	2.13E-02	0.00E+00	7.81E-03	1.06E-03	1.57E-04	0.00E+00
Missouri	Dent County	29065	R	7-PAH	2.21E-04	2.21E-04	2.26E-04	5.16E-04	6.78E-04	1.13E-03	1.46E-03	1.46E-03	0.00E+00	6.69E-04	7.21E-06	1.42E-06	0.00E+00
Missouri	Dent County	29065	R	Propylene Dichloride	5.00E-07	5.00E-07	5.74E-07	2.88E-06	5.16E-06	9.74E-06	1.44E-05	1.44E-05	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	Quinoline	1.59E-08	1.59E-08	2.30E-08	1.60E-07	4.28E-07	8.33E-07	1.38E-06	1.38E-06	0.00E+00	4.28E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	1,1,2,2-Tetrachloroethane	2.05E-06	2.05E-06	2.47E-06	4.63E-06	5.55E-06	8.63E-06	1.09E-05	1.09E-05	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dent County	29065	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.34E-02	8.43E-02	8.74E-02	8.92E-02	8.92E-02	0.00E+00	3.28E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Dent County	29065	R	Vinyl Chloride	8.24E-06	8.24E-06	8.36E-06	1.79E-05	2.86E-05	4.89E-05	7.05E-05	7.05E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	Acetaldehyde	1.24E-02	1.24E-02	1.24E-02	2.12E-02	1.91E-02	2.38E-02	2.38E-02	2.38E-02	0.00E+00	7.52E-03	9.47E-03	2.13E-03	0.00E+00
Missouri	Douglas County	29067	R	Acrolein	6.16E-03	6.16E-03	6.16E-03	6.18E-03	6.78E-03	8.01E-03	8.01E-03	8.01E-03	0.00E+00	4.39E-03	1.94E-03	4.58E-04	0.00E+00
Missouri	Douglas County	29067	R	Acrylonitrile	7.72E-06	7.72E-06	7.72E-06	1.05E-05	1.35E-05	2.24E-05	2.24E-05	2.24E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	Arsenic Compounds	2.11E-06	2.11E-06	2.11E-06	2.68E-06	3.48E-06	5.66E-06	5.66E-06	5.66E-06	0.00E+00	5.90E-07	2.15E-06	7.46E-07	0.00E+00
Missouri	Douglas County	29067	R	Benzene	5.10E-01	5.10E-01	5.10E-01	5.20E-01	5.31E-01	5.63E-01	5.63E-01	5.63E-01	0.00E+00	2.32E-02	2.27E-02	4.94E-03	4.80E-01
Missouri	Douglas County	29067	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
Missouri	Douglas County	29067	R	Beryllium Compounds	1.29E-07	1.29E-07	1.29E-07	1.48E-07	2.20E-07	3.83E-07	3.83E-07	3.83E-07	0.00E+00	1.27E-07	0.00E+00	9.27E-08	0.00E+00
Missouri	Douglas County	29067	R	1,3-Butadiene	1.61E-03	1.61E-03	1.61E-03	1.73E-03	2.50E-03	4.16E-03	4.16E-03	4.16E-03	0.00E+00	1.05E-03	1.22E-03	2.29E-04	0.00E+00
Missouri	Douglas County	29067	R	Cadmium Compounds	2.31E-07	2.31E-07	2.31E-07	2.49E-07	3.84E-07	6.72E-07	6.72E-07	6.72E-07	0.00E+00	2.92E-07	0.00E+00	9.20E-08	0.00E+00
Missouri	Douglas County	29067	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	9.41E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Douglas County	29067	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	2.59E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Douglas County	29067	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.36E-02	8.36E-02	8.36E-02	0.00E+00	4.46E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Douglas County	29067	R	Chromium Compounds (includes Hexavalent)	2.06E-06	2.06E-06	2.06E-06	1.13E-05	1.05E-05	1.82E-05	1.82E-05	1.82E-05	4.93E-06	4.19E-06	1.34E-06	7.32E-08	0.00E+00
Missouri	Douglas County	29067	R	Chromium VI	8.15E-07	8.15E-07	8.15E-07	4.15E-06	5.86E-06	1.26E-05	1.26E-05	1.26E-05	1.68E-06	3.61E-06	5.46E-07	2.49E-08	0.00E+00
Missouri	Douglas County	29067	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
Missouri	Douglas County	29067	R	1,4-Dichlorobenzene	6.77E-04	6.77E-04	6.77E-04	1.03E-03	1.43E-03	2.58E-03	2.58E-03	2.58E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	1,3-Dichloropropene	1.30E-03	1.30E-03	1.30E-03	2.01E-03	2.82E-03	5.15E-03	5.15E-03	5.15E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	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	2.80E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Douglas County	29067	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	1.49E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Douglas County	29067	R	Ethylene Oxide	3.16E-06	3.16E-06	3.16E-06	8.41E-06	7.39E-06	1.06E-05	1.06E-05	1.06E-05	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	Formaldehyde	2.76E-01	2.76E-01	2.76E-01	2.85E-01	2.84E-01	2.92E-01	2.92E-01	2.92E-01	2.00E-06	1.98E-02	1.05E-02	3.94E-03	2.50E-01
Missouri	Douglas County	29067	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Douglas County	29067	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	1.40E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Douglas County	29067	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
Missouri	Douglas County	29067	R	Hydrazine	4.82E-11	4.82E-11	4.82E-11	5.45E-11	5.93E-11	7.53E-11	7.53E-11	7.53E-11	0.00E+00	5.93E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	Lead Compounds	5.56E-06	5.56E-06	5.56E-06	6.50E-06	1.38E-05	2.93E-05	2.93E-05	2.93E-05	0.00E+00	1.22E-05	0.00E+00	1.60E-06	0.00E+00
Missouri	Douglas County	29067	R	Manganese Compounds	3.27E-05	3.27E-05	3.27E-05	4.21E-05	4.32E-05	5.48E-05	5.48E-05	5.48E-05	8.93E-06	3.38E-05	4.43E-07	7.45E-08	0.00E+00
Missouri	Douglas County	29067	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	3.53E-07	2.46E-06	7.53E-07	1.50E-03
Missouri	Douglas County	29067	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.54E-01	1.58E-01	1.67E-01	1.67E-01	1.67E-01	0.00E+00	7.75E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Douglas County	29067	R	Nickel Compounds	2.93E-06	2.93E-06	2.93E-06	2.35E-05	2.18E-05	3.89E-05	3.89E-05	3.89E-05	4.46E-06	1.61E-05	1.03E-06	1.22E-07	0.00E+00
Missouri	Douglas County	29067	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	9.44E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Douglas County	29067	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.89E-04	4.01E-04	4.30E-04	4.30E-04	4.30E-04	0.00E+00	2.10E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Douglas County	29067	R	Polycyclic Organic Matter	2.25E-03	2.25E-03	2.25E-03	2.90E-03	3.78E-03	6.19E-03	6.19E-03	6.19E-03	0.00E+00	3.23E-03	4.73E-04	7.59E-05	0.00E+00
Missouri	Douglas County	29067	R	7-PAH	2.46E-04	2.46E-04	2.46E-04	2.58E-04	3.47E-04	5.36E-04	5.36E-04	5.36E-04	0.00E+00	3.42E-04	3.16E-06	1.14E-06	0.00E+00
Missouri	Douglas County	29067	R	Propylene Dichloride	3.39E-07	3.39E-07	3.39E-07	5.14E-07	5.49E-07	7.93E-07	7.93E-07	7.93E-07	0.00E+00	5.49E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	Quinoline	1.40E-09	1.40E-09	1.40E-09	1.51E-09	1.70E-09	2.20E-09	2.20E-09	2.20E-09	0.00E+00	1.70E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	1,1,2,2-Tetrachloroethane	1.15E-06	1.15E-06	1.15E-06	1.51E-06	1.62E-06	2.21E-06	2.21E-06	2.21E-06	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Douglas County	29067	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.15E-02	8.21E-02	8.21E-02	8.21E-02	0.00E+00	4.73E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Douglas County	29067	R	Vinyl Chloride	4.88E-06	4.88E-06	4.88E-06	6.23E-06	7.64E-06	1.18E-05	1.18E-05	1.18E-05	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	Acetaldehyde	5.84E-02	6.47E-02	7.17E-02	7.58E-02	9.19E-02	1.21E-01	1.29E-01	1.32E-01	1.58E-04	7.84E-03	5.80E-02	2.59E-02	0.00E+00
Missouri	Dunklin County	29069	R	Acrolein	8.27E-03	8.64E-03	9.57E-03	1.12E-02	1.38E-02	2.01E-02	2.09E-02	2.16E-02	7.94E-05	2.30E-03	9.43E-03	2.01E-03	0.00E+00
Missouri	Dunklin County	29069	R	Acrylonitrile	1.70E-05	1.73E-05	3.18E-05	5.26E-05	5.10E-05	6.82E-05	8.26E-05	9.30E-05	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	Arsenic Compounds	1.20E-05	1.36E-05	1.59E-05	2.16E-05	2.65E-05	4.21E-05	4.41E-05	4.42E-05	3.48E-06	2.62E-06	1.39E-05	6.54E-06	0.00E+00
Missouri	Dunklin County	29069	R	Benzene	5.63E-01	5.74E-01	5.89E-01	6.71E-01	7.26E-01	9.11E-01	9.25E-01	9.35E-01	1.49E-02	4.45E-02	1.64E-01	2.30E-02	4.80E-01
Missouri	Dunklin County	29069	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
Missouri	Dunklin County	29069	R	Beryllium Compounds	5.18E-07	5.62E-07	8.08E-07	1.27E-06	1.73E-06	1.72E-06	4.21E-06	6.58E-06	2.20E-07	6.31E-07	0.00E+00	8.74E-07	0.00E+00
Missouri	Dunklin County	29069	R	1,3-Butadiene	3.06E-03	3.09E-03	3.72E-03	8.14E-03	1.51E-02	2.90E-02	3.48E-02	3.54E-02	3.78E-05	1.91E-04	1.31E-02	1.71E-03	0.00E+00
Missouri	Dunklin County	29069	R	Cadmium Compounds	1.92E-06	2.23E-06	2.55E-06	3.75E-06	4.38E-06	5.68E-06	8.06E-06	8.33E-06	2.14E-06	1.33E-06	0.00E+00	9.10E-07	0.00E+00
Missouri	Dunklin County	29069	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.75E-02	5.91E-02	4.77E-02	1.06E-01	1.64E-01	1.17E-02	3.57E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Dunklin County	29069	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	9.68E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Dunklin County	29069	R	Chloroform	8.37E-02	8.38E-02	8.40E-02	8.46E-02	8.58E-02	8.78E-02	8.89E-02	8.91E-02	0.00E+00	2.75E-03	0.00E+00	0.00E+00	8.30E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Dunklin County	29069	R	Chromium Compounds (includes Hexavalent)	3.42E-05	3.74E-05	4.12E-05	5.43E-05	1.22E-04	1.92E-04	3.03E-04	3.12E-04	1.28E-05	9.94E-05	9.51E-06	6.16E-07	0.00E+00
Missouri	Dunklin County	29069	R	Chromium VI	1.14E-05	1.21E-05	1.29E-05	1.86E-05	4.08E-05	6.35E-05	1.02E-04	1.05E-04	4.07E-06	3.27E-05	3.83E-06	2.09E-07	0.00E+00
Missouri	Dunklin County	29069	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
Missouri	Dunklin County	29069	R	1,4-Dichlorobenzene	1.87E-03	2.13E-03	2.75E-03	4.65E-03	8.14E-03	1.44E-02	1.82E-02	1.86E-02	0.00E+00	8.14E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	1,3-Dichloropropene	3.58E-03	4.09E-03	5.35E-03	9.26E-03	1.64E-02	2.92E-02	3.69E-02	3.77E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	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	1.70E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Dunklin County	29069	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	1.35E-07	3.56E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Dunklin County	29069	R	Ethylene Oxide	3.83E-05	4.50E-05	5.22E-05	7.31E-05	1.89E-04	4.04E-04	5.02E-04	5.52E-04	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	Formaldehyde	3.19E-01	3.21E-01	3.30E-01	3.43E-01	3.70E-01	4.34E-01	4.37E-01	4.40E-01	6.43E-04	7.55E-03	7.02E-02	4.17E-02	2.50E-01
Missouri	Dunklin County	29069	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	9.39E-05	9.41E-05	9.42E-05	0.00E+00	5.34E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Dunklin County	29069	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	5.34E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Dunklin County	29069	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
Missouri	Dunklin County	29069	R	Hydrazine	5.95E-11	6.21E-11	1.05E-10	2.06E-10	1.88E-10	2.31E-10	3.23E-10	3.59E-10	0.00E+00	1.88E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	Lead Compounds	1.02E-04	1.08E-04	1.96E-04	3.46E-04	4.43E-04	6.42E-04	1.00E-03	1.21E-03	3.97E-05	1.66E-04	0.00E+00	2.38E-04	0.00E+00
Missouri	Dunklin County	29069	R	Manganese Compounds	3.12E-04	3.12E-04	3.72E-04	5.01E-04	4.57E-04	5.47E-04	5.56E-04	5.61E-04	2.45E-04	2.08E-04	2.99E-06	1.02E-06	0.00E+00
Missouri	Dunklin County	29069	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.46E-06	2.10E-06	1.54E-05	6.67E-06	1.50E-03
Missouri	Dunklin County	29069	R	Methylene Chloride	1.57E-01	1.59E-01	1.61E-01	1.72E-01	1.85E-01	2.16E-01	2.27E-01	2.28E-01	2.79E-06	3.49E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Dunklin County	29069	R	Nickel Compounds	8.15E-05	8.19E-05	1.52E-04	2.11E-04	2.00E-04	2.55E-04	3.12E-04	3.32E-04	2.28E-05	1.60E-04	7.04E-06	1.01E-05	0.00E+00
Missouri	Dunklin County	29069	R	Perchloroethylene	1.44E-01	1.45E-01	1.48E-01	1.52E-01	1.54E-01	1.62E-01	1.64E-01	1.65E-01	1.16E-07	1.42E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Dunklin County	29069	R	Polychlorinated Biphenyls	3.88E-04	3.90E-04	3.93E-04	4.21E-04	4.32E-04	4.78E-04	4.96E-04	5.10E-04	4.06E-09	5.24E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Dunklin County	29069	R	Polycyclic Organic Matter	5.31E-03	5.67E-03	1.60E-02	2.33E-02	2.54E-02	3.44E-02	4.54E-02	5.61E-02	1.20E-02	9.65E-03	3.24E-03	5.74E-04	0.00E+00
Missouri	Dunklin County	29069	R	7-PAH	1.61E-04	1.74E-04	2.40E-04	5.68E-04	5.72E-04	6.68E-04	1.10E-03	1.52E-03	6.12E-05	4.82E-04	2.19E-05	7.15E-06	0.00E+00
Missouri	Dunklin County	29069	R	Propylene Dichloride	8.21E-07	8.46E-07	1.61E-06	2.31E-06	2.21E-06	2.77E-06	3.53E-06	3.96E-06	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	Quinoline	2.03E-09	2.11E-09	2.70E-09	6.43E-09	6.04E-09	8.74E-09	9.77E-09	1.07E-08	0.00E+00	6.04E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	1,1,2,2-Tetrachloroethane	3.74E-06	3.82E-06	4.19E-06	8.14E-06	1.18E-05	2.14E-05	2.23E-05	2.28E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Dunklin County	29069	R	Trichloroethylene	8.16E-02	8.17E-02	8.32E-02	8.74E-02	9.22E-02	9.54E-02	1.15E-01	1.25E-01	8.38E-03	2.80E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Dunklin County	29069	R	Vinyl Chloride	5.31E-05	5.36E-05	2.11E-04	3.62E-04	3.36E-04	4.59E-04	6.04E-04	6.99E-04	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	Acetaldehyde	6.74E-02	7.43E-02	9.79E-02	1.85E-01	1.98E-01	3.07E-01	3.83E-01	4.53E-01	1.59E-05	5.13E-03	1.72E-01	2.06E-02	0.00E+00
Missouri	Franklin County	29071	U	Acrolein	1.28E-02	1.33E-02	1.68E-02	2.57E-02	2.70E-02	3.09E-02	4.81E-02	5.56E-02	3.62E-06	5.51E-03	1.78E-02	3.64E-03	0.00E+00
Missouri	Franklin County	29071	U	Acrylonitrile	5.33E-05	5.60E-05	8.68E-05	2.47E-04	2.82E-04	3.18E-04	4.10E-04	1.48E-03	2.96E-05	2.53E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	Arsenic Compounds	1.50E-05	1.68E-05	1.95E-05	3.25E-05	3.76E-05	4.73E-05	6.45E-05	7.32E-05	7.05E-06	4.49E-06	2.21E-05	4.02E-06	0.00E+00
Missouri	Franklin County	29071	U	Benzene	6.01E-01	6.05E-01	6.31E-01	7.30E-01	7.66E-01	8.91E-01	9.81E-01	1.03E+00	1.24E-04	7.54E-02	1.71E-01	4.00E-02	4.80E-01
Missouri	Franklin County	29071	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
Missouri	Franklin County	29071	U	Beryllium Compounds	7.08E-07	8.27E-07	1.45E-06	2.28E-06	2.61E-06	3.57E-06	5.51E-06	6.20E-06	3.05E-07	1.04E-06	0.00E+00	1.26E-06	0.00E+00
Missouri	Franklin County	29071	U	1,3-Butadiene	4.23E-03	5.17E-03	6.65E-03	1.52E-02	1.53E-02	2.14E-02	2.93E-02	3.04E-02	0.00E+00	8.29E-04	1.20E-02	2.46E-03	0.00E+00
Missouri	Franklin County	29071	U	Cadmium Compounds	1.38E-06	1.60E-06	2.59E-06	4.63E-06	2.37E-05	4.39E-05	9.73E-05	1.21E-04	2.01E-05	2.28E-06	0.00E+00	1.29E-06	0.00E+00
Missouri	Franklin County	29071	U	Carbon Disulfide	4.71E-02	4.72E-02	4.73E-02	4.75E-02	4.76E-02	4.78E-02	4.79E-02	4.82E-02	6.76E-06	5.46E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Franklin County	29071	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	5.42E-08	1.20E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Franklin County	29071	U	Chloroform	8.42E-02	8.49E-02	8.49E-02	8.73E-02	8.77E-02	9.00E-02	9.27E-02	9.28E-02	1.47E-06	4.74E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Franklin County	29071	U	Chromium Compounds (includes Hexavalent)	2.35E-05	2.50E-05	3.44E-05	6.66E-05	1.05E-04	1.69E-04	2.18E-04	3.94E-04	2.02E-05	6.88E-05	1.54E-05	8.33E-07	0.00E+00
Missouri	Franklin County	29071	U	Chromium VI	7.58E-06	7.62E-06	1.09E-05	2.23E-05	4.23E-05	4.95E-05	1.45E-04	1.62E-04	2.52E-06	3.34E-05	6.11E-06	2.83E-07	0.00E+00
Missouri	Franklin County	29071	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
Missouri	Franklin County	29071	U	1,4-Dichlorobenzene	2.30E-03	3.39E-03	4.19E-03	8.60E-03	1.05E-02	1.69E-02	1.98E-02	2.63E-02	2.72E-06	1.05E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	1,3-Dichloropropene	4.45E-03	6.54E-03	7.87E-03	1.65E-02	2.04E-02	3.23E-02	3.94E-02	5.27E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.65E-08	1.40E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Franklin County	29071	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	4.22E-06	7.70E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Franklin County	29071	U	Ethylene Oxide	4.58E-05	4.80E-05	5.83E-05	2.53E-04	3.53E-04	4.29E-04	9.93E-04	1.16E-03	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	Formaldehyde	3.31E-01	3.41E-01	3.61E-01	4.38E-01	4.60E-01	5.45E-01	6.37E-01	6.91E-01	1.16E-04	1.91E-02	1.53E-01	3.74E-02	2.50E-01
Missouri	Franklin County	29071	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.33E-05	9.34E-05	9.35E-05	9.37E-05	9.43E-05	9.47E-05	0.00E+00	5.45E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Franklin County	29071	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	5.78E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Franklin County	29071	U	Hexamethylene Diisocyanate	1.56E-06	2.40E-06	4.04E-06	5.39E-06	1.60E-05	2.33E-05	2.75E-05	9.30E-05	7.97E-08	1.59E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	Hydrazine	4.25E-10	1.22E-09	3.18E-09	7.11E-09	8.34E-09	1.55E-08	1.90E-08	1.95E-08	0.00E+00	8.34E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	Lead Compounds	2.07E-05	2.41E-05	1.13E-04	2.20E-03	1.17E-02	2.21E-02	4.00E-02	4.98E-02	1.15E-02	3.68E-05	0.00E+00	2.16E-04	0.00E+00
Missouri	Franklin County	29071	U	Manganese Compounds	3.00E-05	3.38E-05	4.06E-05	9.45E-05	1.39E-04	1.45E-04	4.00E-04	5.09E-04	5.88E-05	7.47E-05	4.83E-06	8.09E-07	0.00E+00
Missouri	Franklin County	29071	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.56E-03	8.36E-07	4.26E-06	2.43E-05	4.76E-06	1.50E-03
Missouri	Franklin County	29071	U	Methylene Chloride	1.64E-01	1.66E-01	1.67E-01	1.94E-01	2.23E-01	2.37E-01	2.51E-01	5.25E-01	4.26E-03	6.83E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Franklin County	29071	U	Nickel Compounds	4.60E-05	6.05E-05	8.04E-05	1.19E-04	1.82E-04	2.51E-04	2.88E-04	6.92E-04	2.13E-05	1.41E-04	1.15E-05	8.16E-06	0.00E+00
Missouri	Franklin County	29071	U	Perchloroethylene	1.46E-01	1.48E-01	1.49E-01	1.55E-01	1.54E-01	1.57E-01	1.59E-01	1.69E-01	5.23E-05	1.38E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Franklin County	29071	U	Polychlorinated Biphenyls	3.93E-04	3.96E-04	4.04E-04	4.25E-04	4.42E-04	4.63E-04	5.27E-04	5.80E-04	0.00E+00	6.22E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Franklin County	29071	U	Polycyclic Organic Matter	9.49E-03	1.05E-02	1.34E-02	2.31E-02	2.60E-02	4.03E-02	4.29E-02	4.43E-02	3.42E-03	1.68E-02	4.99E-03	7.70E-04	0.00E+00
Missouri	Franklin County	29071	U	7-PAH	4.67E-04	5.49E-04	6.74E-04	8.40E-04	9.75E-04	1.41E-03	1.64E-03	1.68E-03	5.93E-09	9.29E-04	3.62E-05	1.05E-05	0.00E+00
Missouri	Franklin County	29071	U	Propylene Dichloride	2.83E-06	2.93E-06	4.97E-06	1.32E-05	1.61E-05	1.66E-05	2.27E-05	8.86E-05	1.79E-06	1.43E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	Quinoline	1.01E-08	1.79E-08	2.05E-08	4.47E-08	4.53E-08	7.32E-08	7.72E-08	7.91E-08	0.00E+00	4.53E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Franklin County	29071	U	1,1,2,2-Tetrachloroethane	1.61E-05	1.77E-05	3.59E-05	8.74E-05	1.21E-04	1.22E-04	1.42E-04	7.74E-04	1.64E-05	1.04E-04	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Franklin County	29071	U	Trichloroethylene	9.14E-02	9.16E-02	1.01E-01	1.19E-01	2.19E-01	1.86E-01	5.45E-01	1.14E+00	4.55E-02	9.26E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Franklin County	29071	U	Vinyl Chloride	5.34E-05	6.16E-05	1.18E-04	2.81E-04	3.66E-04	3.81E-04	5.01E-04	2.16E-03	4.04E-05	3.26E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	Acetaldehyde	3.02E-02	3.02E-02	3.48E-02	3.92E-02	4.47E-02	4.54E-02	7.38E-02	7.38E-02	1.07E-06	4.96E-03	2.72E-02	1.25E-02	0.00E+00
Missouri	Gasconade County	29073	R	Acrolein	8.16E-03	8.16E-03	8.52E-03	9.14E-03	1.06E-02	1.22E-02	1.50E-02	1.50E-02	2.34E-07	3.96E-03	4.98E-03	1.66E-03	0.00E+00
Missouri	Gasconade County	29073	R	Acrylonitrile	3.58E-05	3.58E-05	3.71E-05	7.07E-05	6.78E-05	7.68E-05	1.19E-04	1.19E-04	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	Arsenic Compounds	6.55E-06	6.55E-06	6.78E-06	7.00E-06	1.19E-05	1.83E-05	2.11E-05	2.11E-05	4.72E-07	1.73E-06	7.42E-06	2.32E-06	0.00E+00
Missouri	Gasconade County	29073	R	Benzene	5.44E-01	5.44E-01	5.52E-01	5.53E-01	6.03E-01	6.48E-01	7.17E-01	7.17E-01	1.70E-06	3.39E-02	6.68E-02	2.23E-02	4.80E-01
Missouri	Gasconade County	29073	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
Missouri	Gasconade County	29073	R	Beryllium Compounds	3.51E-07	3.51E-07	4.20E-07	1.10E-06	2.36E-06	2.52E-06	7.41E-06	7.41E-06	2.46E-08	3.67E-07	0.00E+00	1.97E-06	0.00E+00
Missouri	Gasconade County	29073	R	1,3-Butadiene	2.58E-03	2.58E-03	2.72E-03	3.68E-03	7.22E-03	1.13E-02	1.58E-02	1.58E-02	0.00E+00	9.16E-04	4.56E-03	1.74E-03	0.00E+00
Missouri	Gasconade County	29073	R	Cadmium Compounds	6.28E-07	6.28E-07	6.40E-07	1.97E-06	2.87E-06	2.80E-06	8.33E-06	8.33E-06	6.06E-08	7.88E-07	0.00E+00	2.03E-06	0.00E+00
Missouri	Gasconade County	29073	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.74E-02	4.76E-02	4.76E-02	1.70E-07	2.72E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Gasconade County	29073	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	4.88E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Gasconade County	29073	R	Chloroform	8.51E-02	8.51E-02	8.55E-02	8.57E-02	9.04E-02	9.64E-02	9.93E-02	9.93E-02	0.00E+00	7.41E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Gasconade County	29073	R	Chromium Compounds (includes Hexavalent)	6.41E-06	6.41E-06	8.05E-06	1.62E-05	2.69E-05	5.09E-05	5.29E-05	5.29E-05	3.06E-07	2.12E-05	4.47E-06	8.67E-07	0.00E+00
Missouri	Gasconade County	29073	R	Chromium VI	2.87E-06	2.87E-06	3.51E-06	6.25E-06	1.02E-05	1.87E-05	1.95E-05	1.95E-05	3.37E-08	8.06E-06	1.78E-06	2.95E-07	0.00E+00
Missouri	Gasconade County	29073	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
Missouri	Gasconade County	29073	R	1,4-Dichlorobenzene	1.28E-03	1.28E-03	1.29E-03	1.59E-03	3.05E-03	5.19E-03	5.88E-03	5.88E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	1,3-Dichloropropene	2.45E-03	2.45E-03	2.46E-03	3.06E-03	6.04E-03	1.04E-02	1.18E-02	1.18E-02	0.00E+00	6.04E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	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	4.65E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Gasconade County	29073	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	5.22E-08	8.22E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Gasconade County	29073	R	Ethylene Oxide	1.46E-05	1.46E-05	1.87E-05	2.15E-05	8.37E-05	8.34E-05	2.80E-04	2.80E-04	0.00E+00	8.37E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	Formaldehyde	2.95E-01	2.95E-01	3.00E-01	3.11E-01	3.22E-01	3.29E-01	3.76E-01	3.76E-01	2.31E-07	1.62E-02	3.37E-02	2.22E-02	2.50E-01
Missouri	Gasconade County	29073	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.34E-05	9.39E-05	9.39E-05	0.00E+00	3.32E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Gasconade County	29073	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	2.59E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Gasconade County	29073	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	1.44E-07	9.14E-07	6.68E-07	1.02E-06	1.26E-06	1.26E-06	0.00E+00	6.68E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	Hydrazine	4.44E-10	4.44E-10	5.86E-10	8.18E-10	6.67E-09	1.08E-09	3.04E-08	3.04E-08	0.00E+00	6.67E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	Lead Compounds	2.63E-05	2.63E-05	3.60E-05	4.97E-05	5.90E-05	8.76E-05	9.56E-05	9.56E-05	3.85E-06	2.69E-05	0.00E+00	2.83E-05	0.00E+00
Missouri	Gasconade County	29073	R	Manganese Compounds	8.44E-06	8.44E-06	1.09E-05	1.98E-05	2.23E-05	3.42E-05	3.83E-05	3.83E-05	5.73E-07	1.94E-05	1.44E-06	8.84E-07	0.00E+00
Missouri	Gasconade County	29073	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	8.40E-12	1.20E-06	8.71E-06	4.12E-06	1.50E-03
Missouri	Gasconade County	29073	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.67E-01	1.80E-01	1.83E-01	1.83E-01	3.29E-07	1.70E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Gasconade County	29073	R	Nickel Compounds	2.49E-05	2.49E-05	6.20E-05	9.63E-05	1.01E-04	1.37E-04	1.86E-04	1.86E-04	3.22E-07	8.29E-05	3.42E-06	1.47E-05	0.00E+00
Missouri	Gasconade County	29073	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	4.88E-08	2.64E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Gasconade County	29073	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.90E-04	3.91E-04	4.17E-04	4.29E-04	4.85E-04	4.85E-04	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Gasconade County	29073	R	Polycyclic Organic Matter	4.41E-03	4.41E-03	4.80E-03	4.94E-03	8.13E-03	1.20E-02	1.45E-02	1.45E-02	2.00E-04	5.88E-03	1.49E-03	5.65E-04	0.00E+00
Missouri	Gasconade County	29073	R	7-PAH	2.80E-04	2.80E-04	3.01E-04	3.04E-04	4.62E-04	5.90E-04	8.33E-04	8.33E-04	4.83E-10	4.41E-04	1.10E-05	9.55E-06	0.00E+00
Missouri	Gasconade County	29073	R	Propylene Dichloride	2.03E-06	2.03E-06	2.08E-06	3.71E-06	3.69E-06	3.80E-06	6.85E-06	6.85E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	Quinoline	8.26E-09	8.26E-09	1.55E-08	1.77E-08	3.03E-08	2.09E-08	8.93E-08	8.93E-08	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	1,1,2,2-Tetrachloroethane	1.19E-05	1.19E-05	1.44E-05	1.57E-05	2.24E-05	1.96E-05	5.06E-05	5.06E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Gasconade County	29073	R	Trichloroethylene	8.22E-02	8.22E-02	8.80E-02	8.92E-02	8.85E-02	8.99E-02	9.31E-02	9.31E-02	1.18E-03	6.30E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Gasconade County	29073	R	Vinyl Chloride	4.20E-05	4.20E-05	4.67E-05	5.34E-05	7.27E-05	6.60E-05	1.55E-04	1.55E-04	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	Acetaldehyde	2.02E-02	2.02E-02	2.02E-02	2.19E-02	2.19E-02	2.35E-02	2.35E-02	2.35E-02	1.43E-03	1.21E-03	1.08E-02	8.44E-03	0.00E+00
Missouri	Gentry County	29075	R	Acrolein	3.55E-03	3.55E-03	3.55E-03	3.66E-03	3.66E-03	3.78E-03	3.78E-03	3.78E-03	0.00E+00	7.97E-04	2.43E-03	4.36E-04	0.00E+00
Missouri	Gentry County	29075	R	Acrylonitrile	2.49E-06	2.49E-06	2.49E-06	4.56E-06	4.56E-06	6.62E-06	6.62E-06	6.62E-06	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	Arsenic Compounds	4.77E-06	4.77E-06	4.77E-06	4.92E-06	4.92E-06	5.08E-06	5.08E-06	5.08E-06	0.00E+00	2.78E-07	2.52E-06	2.12E-06	0.00E+00
Missouri	Gentry County	29075	R	Benzene	5.15E-01	5.15E-01	5.15E-01	5.16E-01	5.16E-01	5.17E-01	5.17E-01	5.17E-01	2.10E-04	6.47E-03	2.56E-02	4.04E-03	4.80E-01
Missouri	Gentry County	29075	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
Missouri	Gentry County	29075	R	Beryllium Compounds	5.39E-08	5.39E-08	5.39E-08	7.41E-08	7.41E-08	9.44E-08	9.44E-08	9.44E-08	0.00E+00	6.60E-08	0.00E+00	8.17E-09	0.00E+00
Missouri	Gentry County	29075	R	1,3-Butadiene	1.40E-03	1.40E-03	1.40E-03	1.50E-03	1.50E-03	1.61E-03	1.61E-03	1.61E-03	0.00E+00	1.67E-04	1.11E-03	2.21E-04	0.00E+00
Missouri	Gentry County	29075	R	Cadmium Compounds	1.03E-07	1.03E-07	1.03E-07	1.41E-07	1.41E-07	1.80E-07	1.80E-07	1.80E-07	0.00E+00	1.33E-07	0.00E+00	8.12E-09	0.00E+00
Missouri	Gentry County	29075	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	4.97E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Gentry County	29075	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	1.09E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Gentry County	29075	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	2.39E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Gentry County	29075	R	Chromium Compounds (includes Hexavalent)	1.43E-05	1.43E-05	1.43E-05	1.76E-05	1.76E-05	2.10E-05	2.10E-05	2.10E-05	0.00E+00	1.60E-05	1.55E-06	3.97E-08	0.00E+00
Missouri	Gentry County	29075	R	Chromium VI	4.99E-06	4.99E-06	4.99E-06	6.13E-06	6.13E-06	7.28E-06	7.28E-06	7.28E-06	0.00E+00	5.49E-06	6.25E-07	1.35E-08	0.00E+00
Missouri	Gentry County	29075	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
Missouri	Gentry County	29075	R	1,4-Dichlorobenzene	7.00E-04	7.00E-04	7.00E-04	8.21E-04	8.21E-04	9.42E-04	9.42E-04	9.42E-04	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	1,3-Dichloropropene	1.35E-03	1.35E-03	1.35E-03	1.58E-03	1.58E-03	1.82E-03	1.82E-03	1.82E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	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	4.76E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Gentry County	29075	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	3.30E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Gentry County	29075	R	Ethylene Oxide	2.31E-05	2.31E-05	2.31E-05	2.61E-05	2.61E-05	2.91E-05	2.91E-05	2.91E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	Formaldehyde	2.78E-01	2.78E-01	2.78E-01	2.85E-01	2.85E-01	2.91E-01	2.91E-01	2.91E-01	6.52E-03	3.03E-03	1.16E-02	1.36E-02	2.50E-01
Missouri	Gentry County	29075	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.26E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Gentry County	29075	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	5.30E-09	0.00E+00	0.00E+00	1.80E-03

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Gentry County	29075	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
Missouri	Gentry County	29075	R	Hydrazine	1.34E-11	1.34E-11	1.34E-11	1.10E-09	1.10E-09	2.18E-09	2.18E-09	2.18E-09	0.00E+00	1.10E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	Lead Compounds	4.06E-06	4.06E-06	4.06E-06	5.92E-06	5.92E-06	7.77E-06	7.77E-06	7.77E-06	0.00E+00	5.05E-06	0.00E+00	8.63E-07	0.00E+00
Missouri	Gentry County	29075	R	Manganese Compounds	1.51E-05	1.51E-05	1.51E-05	1.69E-05	1.69E-05	1.88E-05	1.88E-05	1.88E-05	0.00E+00	1.63E-05	4.53E-07	1.62E-07	0.00E+00
Missouri	Gentry County	29075	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	2.80E-07	2.98E-06	1.84E-06	1.50E-03
Missouri	Gentry County	29075	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	3.12E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Gentry County	29075	R	Nickel Compounds	2.09E-05	2.09E-05	2.09E-05	3.45E-05	3.45E-05	4.81E-05	4.81E-05	4.81E-05	0.00E+00	3.31E-05	1.18E-06	2.38E-07	0.00E+00
Missouri	Gentry County	29075	R	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	1.40E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Gentry County	29075	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.88E-04	3.88E-04	3.88E-04	3.88E-04	3.88E-04	0.00E+00	7.56E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Gentry County	29075	R	Polycyclic Organic Matter	1.59E-03	1.59E-03	1.59E-03	1.71E-03	1.71E-03	1.83E-03	1.83E-03	1.83E-03	1.16E-05	1.08E-03	5.24E-04	9.19E-05	0.00E+00
Missouri	Gentry County	29075	R	7-PAH	8.42E-05	8.42E-05	8.42E-05	8.46E-05	8.46E-05	8.51E-05	8.51E-05	8.51E-05	0.00E+00	8.01E-05	3.85E-06	6.94E-07	0.00E+00
Missouri	Gentry County	29075	R	Propylene Dichloride	7.67E-08	7.67E-08	7.67E-08	2.17E-07	2.17E-07	3.57E-07	3.57E-07	3.57E-07	0.00E+00	2.17E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	Quinoline	3.04E-10	3.04E-10	3.04E-10	4.86E-09	4.86E-09	9.42E-09	9.42E-09	9.42E-09	0.00E+00	4.86E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	1,1,2,2-Tetrachloroethane	1.16E-08	1.16E-08	1.16E-08	7.96E-07	7.96E-07	1.58E-06	1.58E-06	1.58E-06	0.00E+00	7.96E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Gentry County	29075	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	2.60E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Gentry County	29075	R	Vinyl Chloride	5.22E-08	5.22E-08	5.22E-08	2.12E-06	2.12E-06	4.19E-06	4.19E-06	4.19E-06	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	Acetaldehyde	1.05E-01	1.23E-01	1.62E-01	1.96E-01	2.34E-01	2.45E-01	3.63E-01	4.95E-01	4.60E-03	5.44E-03	1.92E-01	3.19E-02	0.00E+00
Missouri	Greene County	29077	U	Acrolein	2.10E-02	2.55E-02	3.51E-02	4.18E-02	4.22E-02	4.78E-02	5.46E-02	5.89E-02	9.79E-06	5.83E-03	3.19E-02	4.47E-03	0.00E+00
Missouri	Greene County	29077	U	Acrylonitrile	9.16E-05	9.93E-05	1.40E-04	2.06E-04	3.31E-04	3.63E-04	6.96E-04	9.62E-04	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	Arsenic Compounds	3.96E-05	4.52E-05	5.52E-05	6.53E-05	7.29E-05	7.80E-05	1.00E-04	1.36E-04	1.48E-05	1.36E-05	3.72E-05	7.30E-06	0.00E+00
Missouri	Greene County	29077	U	Benzene	7.29E-01	7.75E-01	9.57E-01	1.06E+00	1.14E+00	1.12E+00	1.44E+00	1.83E+00	4.49E-04	7.32E-02	5.19E-01	6.36E-02	4.80E-01
Missouri	Greene County	29077	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
Missouri	Greene County	29077	U	Beryllium Compounds	2.39E-06	2.83E-06	3.52E-06	4.88E-06	6.05E-06	7.43E-06	1.04E-05	1.42E-05	7.99E-07	3.57E-06	0.00E+00	1.68E-06	0.00E+00
Missouri	Greene County	29077	U	1,3-Butadiene	9.20E-03	1.11E-02	2.37E-02	3.46E-02	4.50E-02	4.18E-02	7.24E-02	1.26E-01	0.00E+00	2.52E-04	3.78E-02	6.93E-03	0.00E+00
Missouri	Greene County	29077	U	Cadmium Compounds	4.44E-06	5.13E-06	6.95E-06	8.61E-06	9.71E-06	1.18E-05	1.49E-05	1.95E-05	1.90E-06	6.13E-06	0.00E+00	1.68E-06	0.00E+00
Missouri	Greene County	29077	U	Carbon Disulfide	4.73E-02	4.74E-02	4.75E-02	4.78E-02	4.84E-02	4.83E-02	4.95E-02	5.02E-02	4.93E-06	1.41E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Greene County	29077	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	2.76E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Greene County	29077	U	Chloroform	8.72E-02	8.90E-02	9.43E-02	1.02E-01	1.01E-01	1.04E-01	1.10E-01	1.15E-01	0.00E+00	1.75E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Greene County	29077	U	Chromium Compounds (includes Hexavalent)	3.82E-04	4.90E-04	7.78E-04	1.16E-03	2.59E-03	2.17E-03	3.58E-03	5.89E-03	2.52E-05	2.53E-03	3.14E-05	1.28E-06	0.00E+00
Missouri	Greene County	29077	U	Chromium VI	1.69E-04	1.77E-04	2.84E-04	4.17E-04	9.16E-04	7.93E-04	1.42E-03	2.03E-03	6.40E-06	8.96E-04	1.25E-05	4.35E-07	0.00E+00
Missouri	Greene County	29077	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
Missouri	Greene County	29077	U	1,4-Dichlorobenzene	5.30E-03	7.30E-03	1.53E-02	2.44E-02	2.25E-02	2.77E-02	3.42E-02	3.71E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	1,3-Dichloropropene	1.03E-02	1.40E-02	3.08E-02	4.93E-02	4.53E-02	5.60E-02	6.89E-02	7.54E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	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	2.57E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Greene County	29077	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	1.52E-06	3.48E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Greene County	29077	U	Ethylene Oxide	2.58E-04	3.58E-04	6.16E-04	1.46E-03	2.23E-03	2.32E-03	3.63E-03	5.84E-03	2.98E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	Formaldehyde	3.60E-01	3.92E-01	4.57E-01	5.06E-01	5.39E-01	5.39E-01	6.58E-01	8.47E-01	1.49E-02	1.39E-02	2.06E-01	5.48E-02	2.50E-01
Missouri	Greene County	29077	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.34E-05	9.35E-05	9.35E-05	9.36E-05	9.37E-05	9.38E-05	0.00E+00	5.19E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Greene County	29077	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	1.47E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Greene County	29077	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
Missouri	Greene County	29077	U	Hydrazine	1.25E-09	3.01E-09	5.92E-09	1.37E-08	4.26E-08	3.83E-08	1.33E-07	1.99E-07	0.00E+00	4.26E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	Lead Compounds	2.50E-04	3.12E-04	4.39E-04	5.70E-04	6.96E-04	7.11E-04	1.00E-03	1.12E-03	3.17E-05	2.55E-04	0.00E+00	4.09E-04	0.00E+00
Missouri	Greene County	29077	U	Manganese Compounds	2.29E-04	3.24E-04	4.61E-04	8.03E-04	1.71E-03	1.38E-03	2.81E-03	4.17E-03	3.30E-05	1.67E-03	1.02E-05	8.88E-07	0.00E+00
Missouri	Greene County	29077	U	Mercury Compounds	1.52E-03	1.52E-03	1.54E-03	1.55E-03	1.56E-03	1.56E-03	1.58E-03	1.63E-03	4.42E-08	1.21E-05	3.66E-05	7.51E-06	1.50E-03
Missouri	Greene County	29077	U	Methylene Chloride	3.19E-01	3.45E-01	4.96E-01	7.04E-01	1.16E+00	1.01E+00	2.43E+00	3.44E+00	8.89E-01	1.16E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Greene County	29077	U	Nickel Compounds	3.58E-04	4.61E-04	7.43E-04	1.10E-03	2.37E-03	2.04E-03	3.52E-03	5.86E-03	2.42E-05	2.32E-03	2.33E-05	1.69E-06	0.00E+00
Missouri	Greene County	29077	U	Perchloroethylene	1.52E-01	1.58E-01	1.74E-01	1.88E-01	1.91E-01	2.13E-01	2.23E-01	2.30E-01	1.58E-06	5.09E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Greene County	29077	U	Polychlorinated Biphenyls	3.98E-04	4.05E-04	4.31E-04	4.46E-04	4.42E-04	4.54E-04	4.71E-04	4.75E-04	0.00E+00	6.23E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Greene County	29077	U	Polycyclic Organic Matter	1.41E-02	1.93E-02	2.92E-02	3.49E-02	3.49E-02	3.88E-02	4.64E-02	5.33E-02	2.90E-05	2.32E-02	1.02E-02	1.52E-03	0.00E+00
Missouri	Greene County	29077	U	7-PAH	6.13E-04	7.10E-04	7.67E-04	8.89E-04	9.12E-04	1.02E-03	1.13E-03	1.36E-03	1.45E-08	8.30E-04	6.67E-05	1.47E-05	0.00E+00
Missouri	Greene County	29077	U	Propylene Dichloride	5.05E-06	5.62E-06	7.64E-06	1.24E-05	1.85E-05	2.18E-05	3.78E-05	4.75E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	Quinoline	1.72E-08	3.04E-08	4.40E-08	7.41E-08	1.49E-07	1.56E-07	3.73E-07	5.64E-07	0.00E+00	1.49E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	1,1,2,2-Tetrachloroethane	3.53E-05	4.00E-05	5.64E-05	8.12E-05	1.35E-04	1.60E-04	2.70E-04	3.53E-04	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Greene County	29077	U	Trichloroethylene	8.26E-02	8.40E-02	8.59E-02	9.48E-02	9.61E-02	1.01E-01	1.10E-01	1.14E-01	0.00E+00	1.51E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Greene County	29077	U	Vinyl Chloride	8.90E-05	1.00E-04	1.41E-04	2.15E-04	3.39E-04	4.01E-04	6.71E-04	8.73E-04	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Acetaldehyde	1.59E-02	1.59E-02	2.25E-02	4.14E-02	4.41E-02	6.56E-02	7.77E-02	7.77E-02	3.87E-07	1.57E-03	2.40E-02	1.85E-02	0.00E+00
Missouri	Grundy County	29079	U	Acrolein	2.38E-03	2.38E-03	3.52E-03	6.89E-03	6.86E-03	1.02E-02	1.13E-02	1.13E-02	5.17E-08	1.41E-03	4.26E-03	1.20E-03	0.00E+00
Missouri	Grundy County	29079	U	Acrylonitrile	2.02E-05	2.02E-05	2.02E-05	3.09E-05	3.58E-05	5.14E-05	6.12E-05	6.12E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Arsenic Compounds	3.56E-06	3.56E-06	4.85E-06	1.23E-05	1.37E-05	2.26E-05	2.68E-05	2.68E-05	8.58E-08	1.76E-06	6.98E-06	4.89E-06	0.00E+00
Missouri	Grundy County	29079	U	Benzene	5.04E-01	5.04E-01	5.18E-01	5.91E-01	6.09E-01	6.99E-01	7.49E-01	7.49E-01	3.13E-07	1.89E-02	9.15E-02	1.83E-02	4.80E-01
Missouri	Grundy County	29079	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
Missouri	Grundy County	29079	U	Beryllium Compounds	2.14E-07	2.14E-07	4.33E-07	1.18E-06	1.33E-06	2.22E-06	2.73E-06	2.73E-06	4.48E-09	4.43E-07	0.00E+00	8.80E-07	0.00E+00
Missouri	Grundy County	29079	U	1,3-Butadiene	1.03E-03	1.03E-03	1.80E-03	8.01E-03	1.01E-02	1.83E-02	2.32E-02	2.32E-02	0.00E+00	2.01E-04	8.19E-03	1.66E-03	0.00E+00
Missouri	Grundy County	29079	U	Cadmium Compounds	4.58E-07	4.58E-07	7.46E-07	1.87E-06	2.06E-06	3.37E-06	4.04E-06	4.04E-06	1.11E-08	1.17E-06	0.00E+00	8.78E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Grundy County	29079	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.72E-02	4.74E-02	4.75E-02	4.75E-02	3.13E-08	2.16E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Grundy County	29079	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	5.97E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Grundy County	29079	U	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.34E-02	8.37E-02	8.39E-02	8.39E-02	0.00E+00	3.95E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Grundy County	29079	U	Chromium Compounds (includes Hexavalent)	1.96E-06	1.96E-06	3.81E-06	8.11E-06	8.35E-06	1.29E-05	1.52E-05	1.52E-05	5.58E-08	3.01E-06	4.88E-06	4.01E-07	0.00E+00
Missouri	Grundy County	29079	U	Chromium VI	7.13E-07	7.13E-07	1.40E-06	3.15E-06	3.32E-06	5.23E-06	6.25E-06	6.25E-06	1.00E-08	1.20E-06	1.97E-06	1.36E-07	0.00E+00
Missouri	Grundy County	29079	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
Missouri	Grundy County	29079	U	1,4-Dichlorobenzene	5.54E-04	5.54E-04	1.04E-03	3.75E-03	4.41E-03	7.78E-03	9.59E-03	9.59E-03	0.00E+00	4.41E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	1,3-Dichloropropene	1.08E-03	1.08E-03	2.06E-03	7.59E-03	8.95E-03	1.58E-02	1.95E-02	1.95E-02	0.00E+00	8.95E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	9.39E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Grundy County	29079	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	9.62E-09	2.68E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Grundy County	29079	U	Ethylene Oxide	1.04E-05	1.04E-05	3.47E-05	1.58E-04	1.63E-04	2.91E-04	3.26E-04	3.26E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Formaldehyde	2.72E-01	2.72E-01	2.80E-01	3.14E-01	3.20E-01	3.59E-01	3.79E-01	3.79E-01	5.38E-08	3.87E-03	3.62E-02	2.95E-02	2.50E-01
Missouri	Grundy County	29079	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.36E-05	9.36E-05	0.00E+00	2.75E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Grundy County	29079	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	3.41E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Grundy County	29079	U	Hexamethylene Diisocyanate	2.05E-07	2.05E-07	2.77E-07	3.85E-07	4.16E-07	5.55E-07	6.88E-07	6.88E-07	0.00E+00	4.16E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Hydrazine	4.56E-16	4.56E-16	4.91E-16	5.44E-16	5.42E-16	5.92E-16	6.25E-16	6.25E-16	0.00E+00	5.42E-16	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Lead Compounds	4.11E-05	4.11E-05	9.97E-05	3.14E-04	6.47E-04	1.19E-03	1.92E-03	1.92E-03	3.62E-04	3.89E-05	0.00E+00	2.47E-04	0.00E+00
Missouri	Grundy County	29079	U	Manganese Compounds	2.60E-06	2.60E-06	5.09E-06	1.25E-05	1.39E-05	2.26E-05	2.79E-05	2.79E-05	8.45E-06	3.32E-06	1.62E-06	4.67E-07	0.00E+00
Missouri	Grundy County	29079	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	1.05E-06	7.42E-06	5.02E-06	1.50E-03
Missouri	Grundy County	29079	U	Methylene Chloride	1.52E-01	1.52E-01	1.54E-01	1.67E-01	1.71E-01	1.87E-01	1.97E-01	1.97E-01	6.43E-08	2.06E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Grundy County	29079	U	Nickel Compounds	3.85E-06	3.85E-06	9.70E-06	3.82E-05	4.71E-05	8.46E-05	1.08E-04	1.08E-04	5.86E-08	4.25E-05	3.73E-06	8.16E-07	0.00E+00
Missouri	Grundy County	29079	U	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.45E-01	1.48E-01	1.49E-01	1.49E-01	9.53E-09	4.71E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Grundy County	29079	U	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.85E-04	3.98E-04	4.04E-04	4.22E-04	4.37E-04	4.37E-04	0.00E+00	2.37E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Grundy County	29079	U	Polycyclic Organic Matter	1.30E-03	1.30E-03	2.01E-03	5.60E-03	6.53E-03	1.10E-02	1.36E-02	1.36E-02	4.34E-09	4.24E-03	1.77E-03	5.11E-04	0.00E+00
Missouri	Grundy County	29079	U	7-PAH	6.17E-05	6.17E-05	8.24E-05	1.79E-04	2.10E-04	3.37E-04	4.20E-04	4.20E-04	8.87E-11	1.93E-04	1.11E-05	5.78E-06	0.00E+00
Missouri	Grundy County	29079	U	Propylene Dichloride	1.03E-06	1.03E-06	1.10E-06	1.46E-06	1.58E-06	2.06E-06	2.38E-06	2.38E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Quinoline	1.80E-14	1.80E-14	1.90E-14	2.03E-14	2.00E-14	2.09E-14	2.12E-14	2.12E-14	0.00E+00	2.00E-14	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	1,1,2,2-Tetrachloroethane	7.67E-06	7.67E-06	8.46E-06	9.75E-06	9.40E-06	1.03E-05	1.04E-05	1.04E-05	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Grundy County	29079	U	Trichloroethylene	8.12E-02	8.12E-02	8.16E-02	8.36E-02	8.43E-02	8.71E-02	8.89E-02	8.89E-02	0.00E+00	3.32E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Grundy County	29079	U	Vinyl Chloride	1.89E-05	1.89E-05	2.09E-05	2.42E-05	2.32E-05	2.56E-05	2.57E-05	2.57E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	Acetaldehyde	3.07E-02	3.07E-02	3.07E-02	3.24E-02	4.26E-02	6.48E-02	6.48E-02	6.48E-02	0.00E+00	1.85E-03	2.88E-02	1.19E-02	0.00E+00
Missouri	Harrison County	29081	R	Acrolein	4.60E-03	4.60E-03	4.60E-03	4.81E-03	7.21E-03	1.22E-02	1.22E-02	1.22E-02	0.00E+00	1.35E-03	5.16E-03	6.93E-04	0.00E+00
Missouri	Harrison County	29081	R	Acrylonitrile	2.46E-06	2.46E-06	2.46E-06	4.16E-06	8.60E-06	1.92E-05	1.92E-05	1.92E-05	0.00E+00	8.60E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	Arsenic Compounds	6.35E-06	6.35E-06	6.35E-06	6.83E-06	1.26E-05	2.47E-05	2.47E-05	2.47E-05	0.00E+00	6.72E-07	8.48E-06	3.48E-06	0.00E+00
Missouri	Harrison County	29081	R	Benzene	5.27E-01	5.27E-01	5.27E-01	5.32E-01	5.82E-01	6.89E-01	6.89E-01	6.89E-01	0.00E+00	1.32E-02	8.11E-02	8.19E-03	4.80E-01
Missouri	Harrison County	29081	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
Missouri	Harrison County	29081	R	Beryllium Compounds	7.15E-08	7.15E-08	7.15E-08	9.24E-08	2.24E-07	5.07E-07	5.07E-07	5.07E-07	0.00E+00	1.86E-07	0.00E+00	3.80E-08	0.00E+00
Missouri	Harrison County	29081	R	1,3-Butadiene	2.26E-03	2.26E-03	2.26E-03	2.97E-03	6.90E-03	1.55E-02	1.55E-02	1.55E-02	0.00E+00	2.85E-04	5.99E-03	6.29E-04	0.00E+00
Missouri	Harrison County	29081	R	Cadmium Compounds	1.32E-07	1.32E-07	1.32E-07	1.49E-07	3.41E-07	7.42E-07	7.42E-07	7.42E-07	0.00E+00	3.03E-07	0.00E+00	3.76E-08	0.00E+00
Missouri	Harrison County	29081	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	8.71E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Harrison County	29081	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	2.50E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Harrison County	29081	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.36E-02	8.51E-02	8.83E-02	8.83E-02	8.83E-02	0.00E+00	2.09E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Harrison County	29081	R	Chromium Compounds (includes Hexavalent)	2.62E-06	2.62E-06	2.62E-06	2.96E-06	6.70E-06	1.45E-05	1.45E-05	1.45E-05	0.00E+00	1.47E-06	5.14E-06	9.16E-08	0.00E+00
Missouri	Harrison County	29081	R	Chromium VI	1.05E-06	1.05E-06	1.05E-06	1.18E-06	2.65E-06	5.73E-06	5.73E-06	5.73E-06	0.00E+00	5.66E-07	2.06E-06	3.11E-08	0.00E+00
Missouri	Harrison County	29081	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
Missouri	Harrison County	29081	R	1,4-Dichlorobenzene	5.10E-04	5.10E-04	5.10E-04	5.96E-04	2.09E-03	5.18E-03	5.18E-03	5.18E-03	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	1,3-Dichloropropene	9.96E-04	9.96E-04	9.96E-04	1.17E-03	4.22E-03	1.05E-02	1.05E-02	1.05E-02	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	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	5.21E-10	0.00E+00	0.00E+00	7.70E-03
Missouri	Harrison County	29081	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	2.54E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Harrison County	29081	R	Ethylene Oxide	6.50E-06	6.50E-06	6.50E-06	2.60E-05	9.74E-05	2.60E-04	2.60E-04	2.60E-04	0.00E+00	9.74E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	Formaldehyde	2.88E-01	2.88E-01	2.88E-01	2.89E-01	3.10E-01	3.52E-01	3.52E-01	3.52E-01	0.00E+00	4.98E-03	3.52E-02	1.94E-02	2.50E-01
Missouri	Harrison County	29081	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	2.28E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Harrison County	29081	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	1.39E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Harrison County	29081	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	7.24E-07	7.24E-07	7.24E-07	0.00E+00	2.41E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	Hydrazine	1.26E-15	1.26E-15	1.26E-15	1.38E-12	1.00E-12	1.63E-12	1.63E-12	1.63E-12	0.00E+00	1.00E-12	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	Lead Compounds	1.06E-06	1.06E-06	1.06E-06	9.29E-06	7.80E-06	1.30E-05	1.30E-05	1.30E-05	3.30E-06	1.80E-06	0.00E+00	2.69E-06	0.00E+00
Missouri	Harrison County	29081	R	Manganese Compounds	1.33E-06	1.33E-06	1.33E-06	1.72E-06	3.36E-06	7.05E-06	7.05E-06	7.05E-06	2.43E-07	1.17E-06	1.68E-06	2.73E-07	0.00E+00
Missouri	Harrison County	29081	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	0.00E+00	5.62E-07	9.84E-06	3.01E-06	1.50E-03
Missouri	Harrison County	29081	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.58E-01	1.71E-01	1.71E-01	1.71E-01	0.00E+00	8.43E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Harrison County	29081	R	Nickel Compounds	3.42E-06	3.42E-06	3.42E-06	3.50E-06	7.97E-06	1.70E-05	1.70E-05	1.70E-05	0.00E+00	3.66E-06	3.91E-06	4.01E-07	0.00E+00
Missouri	Harrison County	29081	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Harrison County	29081	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.84E-04	3.99E-04	4.28E-04	4.28E-04	4.28E-04	0.00E+00	1.88E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Harrison County	29081	R	Polycyclic Organic Matter	1.73E-03	1.73E-03	1.73E-03	1.80E-03	4.09E-03	8.74E-03	8.74E-03	8.74E-03	0.00E+00	2.24E-03	1.69E-03	1.61E-04	0.00E+00
Missouri	Harrison County	29081	R	7-PAH	7.60E-05	7.60E-05	7.60E-05	7.72E-05	1.67E-04	3.48E-04	3.48E-04	3.48E-04	0.00E+00	1.53E-04	1.25E-05	1.60E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Harrison County	29081	R	Propylene Dichloride	7.39E-08	7.39E-08	7.39E-08	2.03E-07	2.83E-07	5.71E-07	5.71E-07	5.71E-07	0.00E+00	2.83E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	Quinoline	6.99E-14	6.99E-14	6.99E-14	6.38E-11	4.78E-11	7.95E-11	7.95E-11	7.95E-11	0.00E+00	4.78E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	1,1,2,2-Tetrachloroethane	1.15E-08	1.15E-08	1.15E-08	8.94E-08	5.11E-07	1.43E-06	1.43E-06	1.43E-06	0.00E+00	5.11E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Harrison County	29081	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.18E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	8.40E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Harrison County	29081	R	Vinyl Chloride	4.49E-08	4.49E-08	4.49E-08	3.32E-07	1.30E-06	3.53E-06	3.53E-06	3.53E-06	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	Acetaldehyde	2.62E-02	2.62E-02	2.75E-02	4.56E-02	6.31E-02	1.16E-01	1.18E-01	1.18E-01	1.36E-04	2.59E-03	2.66E-02	3.37E-02	0.00E+00
Missouri	Henry County	29083	U	Acrolein	5.96E-03	5.96E-03	6.43E-03	7.73E-03	1.05E-02	1.67E-02	1.84E-02	1.84E-02	4.26E-06	2.61E-03	4.28E-03	3.60E-03	0.00E+00
Missouri	Henry County	29083	U	Acrylonitrile	1.48E-05	1.48E-05	1.92E-05	3.05E-05	1.91E-04	1.22E-04	9.31E-04	9.31E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	Arsenic Compounds	6.33E-06	6.33E-06	1.35E-05	1.98E-05	2.14E-05	3.40E-05	3.47E-05	3.47E-05	7.08E-06	2.22E-06	5.75E-06	6.33E-06	0.00E+00
Missouri	Henry County	29083	U	Benzene	5.42E-01	5.42E-01	5.54E-01	5.93E-01	6.68E-01	8.48E-01	8.76E-01	8.76E-01	3.90E-05	2.98E-02	8.52E-02	7.25E-02	4.80E-01
Missouri	Henry County	29083	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
Missouri	Henry County	29083	U	Beryllium Compounds	1.97E-07	1.97E-07	5.21E-07	8.31E-07	8.80E-07	1.43E-06	1.47E-06	1.47E-06	3.66E-07	4.98E-07	0.00E+00	1.50E-08	0.00E+00
Missouri	Henry County	29083	U	1,3-Butadiene	2.15E-03	2.15E-03	2.80E-03	5.99E-03	1.25E-02	2.81E-02	3.02E-02	3.02E-02	0.00E+00	4.23E-04	7.30E-03	4.82E-03	0.00E+00
Missouri	Henry County	29083	U	Cadmium Compounds	4.94E-07	4.94E-07	1.16E-06	1.99E-06	1.84E-06	2.72E-06	2.73E-06	2.73E-06	8.97E-07	9.33E-07	0.00E+00	1.48E-08	0.00E+00
Missouri	Henry County	29083	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.77E-02	4.87E-02	4.88E-02	4.88E-02	2.57E-06	6.55E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Henry County	29083	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	8.00E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Henry County	29083	U	Chloroform	8.33E-02	8.33E-02	8.35E-02	8.44E-02	8.56E-02	8.90E-02	8.91E-02	8.91E-02	0.00E+00	2.62E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Henry County	29083	U	Chromium Compounds (includes Hexavalent)	3.08E-06	3.08E-06	6.44E-06	1.15E-05	1.11E-05	1.69E-05	1.70E-05	1.70E-05	4.55E-06	1.57E-06	4.29E-06	6.51E-07	0.00E+00
Missouri	Henry County	29083	U	Chromium VI	8.10E-07	8.10E-07	1.59E-06	2.11E-06	3.13E-06	6.03E-06	6.15E-06	6.15E-06	5.00E-07	7.82E-07	1.63E-06	2.21E-07	0.00E+00
Missouri	Henry County	29083	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
Missouri	Henry County	29083	U	1,4-Dichlorobenzene	8.53E-04	8.53E-04	9.48E-04	2.86E-03	5.44E-03	1.24E-02	1.27E-02	1.27E-02	0.00E+00	5.44E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	1,3-Dichloropropene	1.67E-03	1.67E-03	1.83E-03	5.73E-03	1.10E-02	2.52E-02	2.58E-02	2.58E-02	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	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	1.95E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Henry County	29083	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	7.92E-07	2.28E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Henry County	29083	U	Ethylene Oxide	1.57E-05	1.57E-05	1.74E-05	1.51E-04	1.91E-04	4.04E-04	4.05E-04	4.05E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	Formaldehyde	2.85E-01	2.85E-01	2.87E-01	3.12E-01	3.42E-01	4.24E-01	4.32E-01	4.32E-01	4.62E-04	8.18E-03	3.55E-02	4.82E-02	2.50E-01
Missouri	Henry County	29083	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.37E-05	9.37E-05	9.37E-05	0.00E+00	3.24E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Henry County	29083	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	4.31E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Henry County	29083	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
Missouri	Henry County	29083	U	Hydrazine	1.88E-10	1.88E-10	4.57E-10	7.75E-10	4.56E-08	1.36E-07	1.36E-07	1.36E-07	0.00E+00	4.56E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	Lead Compounds	3.66E-05	3.66E-05	5.50E-05	8.10E-05	1.06E-04	1.67E-04	2.14E-04	2.14E-04	1.00E-05	2.72E-05	0.00E+00	6.86E-05	0.00E+00
Missouri	Henry County	29083	U	Manganese Compounds	1.29E-05	1.29E-05	1.99E-05	2.31E-05	2.76E-05	2.94E-05	5.68E-05	5.68E-05	8.53E-06	1.70E-05	1.38E-06	6.20E-07	0.00E+00
Missouri	Henry County	29083	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	1.01E-09	3.42E-06	5.97E-06	5.01E-06	1.50E-03
Missouri	Henry County	29083	U	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.61E-01	1.76E-01	2.12E-01	2.14E-01	2.14E-01	5.30E-06	2.57E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Henry County	29083	U	Nickel Compounds	6.05E-06	6.05E-06	1.11E-05	3.12E-05	5.45E-05	1.24E-04	1.24E-04	1.24E-04	4.83E-06	4.53E-05	3.25E-06	1.02E-06	0.00E+00
Missouri	Henry County	29083	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.46E-01	1.52E-01	1.52E-01	1.52E-01	7.86E-07	5.57E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Henry County	29083	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.98E-04	4.12E-04	4.54E-04	4.54E-04	4.54E-04	0.00E+00	3.23E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Henry County	29083	U	Polycyclic Organic Matter	2.49E-03	2.49E-03	2.69E-03	5.34E-03	8.22E-03	1.62E-02	1.72E-02	1.72E-02	2.08E-05	6.10E-03	1.53E-03	5.69E-04	0.00E+00
Missouri	Henry County	29083	U	7-PAH	1.45E-04	1.45E-04	1.63E-04	2.62E-04	3.53E-04	6.09E-04	6.76E-04	6.76E-04	7.02E-09	3.27E-04	9.28E-06	1.67E-05	0.00E+00
Missouri	Henry County	29083	U	Propylene Dichloride	8.52E-07	8.52E-07	1.12E-06	1.60E-06	1.17E-05	7.95E-06	5.69E-05	5.69E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	Quinoline	4.50E-09	4.50E-09	5.68E-09	6.99E-09	1.30E-07	3.78E-07	3.79E-07	3.79E-07	0.00E+00	1.30E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	1,1,2,2-Tetrachloroethane	6.54E-06	6.54E-06	9.06E-06	1.16E-05	9.01E-05	2.63E-05	4.75E-04	4.75E-04	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Henry County	29083	U	Trichloroethylene	8.12E-02	8.12E-02	8.13E-02	8.80E-02	8.68E-02	8.99E-02	9.25E-02	9.25E-02	2.50E-03	3.32E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Henry County	29083	U	Vinyl Chloride	2.01E-05	2.01E-05	2.65E-05	3.50E-05	2.51E-04	1.07E-04	1.28E-03	1.28E-03	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	Acetaldehyde	2.43E-02	2.43E-02	2.43E-02	2.60E-02	3.14E-02	4.39E-02	4.39E-02	4.39E-02	0.00E+00	4.20E-03	1.78E-02	9.45E-03	0.00E+00
Missouri	Hickory County	29085	R	Acrolein	7.31E-03	7.31E-03	7.31E-03	7.53E-03	8.79E-03	1.15E-02	1.15E-02	1.15E-02	0.00E+00	3.38E-03	3.30E-03	2.11E-03	0.00E+00
Missouri	Hickory County	29085	R	Acrylonitrile	5.28E-06	5.28E-06	5.28E-06	1.04E-05	1.27E-05	2.24E-05	2.24E-05	2.24E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	Arsenic Compounds	4.39E-06	4.39E-06	4.39E-06	4.98E-06	6.32E-06	9.59E-06	9.59E-06	9.59E-06	0.00E+00	3.79E-07	4.34E-06	1.60E-06	0.00E+00
Missouri	Hickory County	29085	R	Benzene	5.52E-01	5.52E-01	5.52E-01	5.64E-01	5.85E-01	6.40E-01	6.40E-01	6.40E-01	0.00E+00	2.26E-02	4.05E-02	4.19E-02	4.80E-01
Missouri	Hickory County	29085	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
Missouri	Hickory County	29085	R	Beryllium Compounds	6.38E-08	6.38E-08	6.38E-08	7.22E-08	9.61E-08	1.52E-07	1.52E-07	1.52E-07	0.00E+00	9.61E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	1,3-Butadiene	2.82E-03	2.82E-03	2.82E-03	3.48E-03	5.26E-03	9.47E-03	9.47E-03	9.47E-03	0.00E+00	8.84E-04	2.35E-03	2.03E-03	0.00E+00
Missouri	Hickory County	29085	R	Cadmium Compounds	1.77E-07	1.77E-07	1.77E-07	1.80E-07	2.34E-07	3.47E-07	3.47E-07	3.47E-07	0.00E+00	2.34E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	7.33E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Hickory County	29085	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	2.19E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Hickory County	29085	R	Chloroform	8.40E-02	8.40E-02	8.40E-02	8.41E-02	8.45E-02	8.54E-02	8.54E-02	8.54E-02	0.00E+00	1.50E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Hickory County	29085	R	Chromium Compounds (includes Hexavalent)	2.24E-06	2.24E-06	2.24E-06	2.57E-06	3.24E-06	4.92E-06	4.92E-06	4.92E-06	0.00E+00	2.65E-07	2.64E-06	3.38E-07	0.00E+00
Missouri	Hickory County	29085	R	Chromium VI	8.94E-07	8.94E-07	8.94E-07	1.02E-06	1.29E-06	1.95E-06	1.95E-06	1.95E-06	0.00E+00	1.18E-07	1.05E-06	1.15E-07	0.00E+00
Missouri	Hickory County	29085	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
Missouri	Hickory County	29085	R	1,4-Dichlorobenzene	1.04E-03	1.04E-03	1.04E-03	1.30E-03	1.59E-03	2.43E-03	2.43E-03	2.43E-03	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	1,3-Dichloropropene	2.00E-03	2.00E-03	2.00E-03	2.54E-03	3.12E-03	4.83E-03	4.83E-03	4.83E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	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	4.34E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Hickory County	29085	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	9.05E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Hickory County	29085	R	Ethylene Oxide	1.58E-05	1.58E-05	1.58E-05	2.16E-05	2.45E-05	3.61E-05	3.61E-05	3.61E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Hickory County	29085	R	Formaldehyde	2.84E-01	2.84E-01	2.84E-01	2.87E-01	2.96E-01	3.16E-01	3.16E-01	3.16E-01	0.00E+00	1.40E-02	1.89E-02	1.29E-02	2.50E-01
Missouri	Hickory County	29085	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	1.80E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Hickory County	29085	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	1.11E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Hickory County	29085	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
Missouri	Hickory County	29085	R	Hydrazine	1.48E-11	1.48E-11	1.48E-11	2.15E-11	3.20E-11	5.98E-11	5.98E-11	5.98E-11	0.00E+00	3.20E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	Lead Compounds	2.45E-06	2.45E-06	2.45E-06	3.02E-06	3.25E-06	4.30E-06	4.30E-06	4.30E-06	0.00E+00	2.16E-06	0.00E+00	1.09E-06	0.00E+00
Missouri	Hickory County	29085	R	Manganese Compounds	1.66E-06	1.66E-06	1.66E-06	1.81E-06	2.31E-06	3.46E-06	3.46E-06	3.46E-06	0.00E+00	1.25E-06	8.59E-07	2.01E-07	0.00E+00
Missouri	Hickory County	29085	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	3.04E-07	5.02E-06	1.17E-06	1.50E-03
Missouri	Hickory County	29085	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.68E-01	1.64E-01	1.69E-01	1.69E-01	1.69E-01	7.19E-03	6.59E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Hickory County	29085	R	Nickel Compounds	4.45E-06	4.45E-06	4.45E-06	4.61E-06	5.87E-06	8.55E-06	8.55E-06	8.55E-06	0.00E+00	3.59E-06	1.93E-06	3.48E-07	0.00E+00
Missouri	Hickory County	29085	R	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	1.15E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Hickory County	29085	R	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.91E-04	3.93E-04	3.98E-04	4.11E-04	4.11E-04	4.11E-04	0.00E+00	1.84E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Hickory County	29085	R	Polycyclic Organic Matter	3.43E-03	3.43E-03	3.43E-03	3.80E-03	4.74E-03	6.99E-03	6.99E-03	6.99E-03	0.00E+00	3.66E-03	8.63E-04	2.17E-04	0.00E+00
Missouri	Hickory County	29085	R	7-PAH	2.55E-04	2.55E-04	2.55E-04	2.60E-04	3.41E-04	5.06E-04	5.06E-04	5.06E-04	0.00E+00	3.24E-04	6.36E-06	1.05E-05	0.00E+00
Missouri	Hickory County	29085	R	Propylene Dichloride	1.96E-07	1.96E-07	1.96E-07	3.42E-07	5.83E-07	1.21E-06	1.21E-06	1.21E-06	0.00E+00	5.83E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	Quinoline	5.22E-10	5.22E-10	5.22E-10	6.69E-10	8.48E-10	1.35E-09	1.35E-09	1.35E-09	0.00E+00	8.48E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	1,1,2,2-Tetrachloroethane	5.13E-07	5.13E-07	5.13E-07	5.28E-07	3.61E-06	9.79E-06	9.79E-06	9.79E-06	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Hickory County	29085	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Hickory County	29085	R	Vinyl Chloride	1.33E-06	1.33E-06	1.33E-06	1.38E-06	8.95E-06	2.42E-05	2.42E-05	2.42E-05	0.00E+00	8.95E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	Acetaldehyde	1.06E-01	1.06E-01	1.06E-01	1.06E-01	1.10E-01	1.18E-01	1.18E-01	1.18E-01	2.57E-02	7.46E-03	4.07E-02	3.62E-02	0.00E+00
Missouri	Holt County	29087	R	Acrolein	1.21E-02	1.21E-02	1.21E-02	1.82E-02	1.68E-02	2.02E-02	2.02E-02	2.02E-02	6.97E-03	1.53E-03	6.54E-03	1.80E-03	0.00E+00
Missouri	Holt County	29087	R	Acrylonitrile	2.68E-05	2.68E-05	2.68E-05	2.92E-05	4.69E-05	8.46E-05	8.46E-05	8.46E-05	1.32E-05	3.37E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	Arsenic Compounds	1.03E-04	1.03E-04	1.03E-04	1.23E-04	1.29E-04	1.61E-04	1.61E-04	1.61E-04	1.14E-04	3.85E-07	1.00E-05	5.09E-06	0.00E+00
Missouri	Holt County	29087	R	Benzene	5.79E-01	5.79E-01	5.79E-01	6.33E-01	6.16E-01	6.36E-01	6.36E-01	6.36E-01	5.30E-03	1.62E-02	9.20E-02	2.22E-02	4.80E-01
Missouri	Holt County	29087	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
Missouri	Holt County	29087	R	Beryllium Compounds	1.80E-06	1.80E-06	1.80E-06	1.82E-06	1.85E-06	1.92E-06	1.92E-06	1.92E-06	4.70E-08	1.68E-07	0.00E+00	1.63E-06	0.00E+00
Missouri	Holt County	29087	R	1,3-Butadiene	9.44E-03	9.44E-03	9.44E-03	1.25E-02	1.21E-02	1.43E-02	1.43E-02	1.43E-02	4.29E-03	2.67E-04	6.13E-03	1.40E-03	0.00E+00
Missouri	Holt County	29087	R	Cadmium Compounds	1.48E-03	1.48E-03	1.48E-03	1.78E-03	1.88E-03	2.39E-03	2.39E-03	2.39E-03	1.88E-03	2.05E-07	0.00E+00	1.64E-06	0.00E+00
Missouri	Holt County	29087	R	Carbon Disulfide	5.96E-02	5.96E-02	5.96E-02	6.26E-02	6.33E-02	6.77E-02	6.77E-02	6.77E-02	1.62E-02	8.03E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Holt County	29087	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	1.64E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Holt County	29087	R	Chloroform	8.47E-02	8.47E-02	8.47E-02	8.47E-02	8.47E-02	8.49E-02	8.49E-02	8.49E-02	1.69E-05	1.72E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Holt County	29087	R	Chromium Compounds (includes Hexavalent)	2.51E-05	2.51E-05	2.51E-05	2.89E-05	2.91E-05	3.32E-05	3.32E-05	3.32E-05	1.32E-06	2.11E-05	6.05E-06	5.96E-07	0.00E+00
Missouri	Holt County	29087	R	Chromium VI	8.71E-06	8.71E-06	8.71E-06	1.01E-05	9.81E-06	1.06E-05	1.06E-05	1.06E-05	8.75E-08	7.11E-06	2.41E-06	2.03E-07	0.00E+00
Missouri	Holt County	29087	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
Missouri	Holt County	29087	R	1,4-Dichlorobenzene	1.09E-03	1.09E-03	1.09E-03	1.13E-03	1.22E-03	1.43E-03	1.43E-03	1.43E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	1,3-Dichloropropene	2.15E-03	2.15E-03	2.15E-03	2.23E-03	2.34E-03	2.65E-03	2.65E-03	2.65E-03	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	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	2.21E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Holt County	29087	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	1.04E-07	3.80E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Holt County	29087	R	Ethylene Oxide	6.14E-06	6.14E-06	6.14E-06	6.35E-06	1.79E-05	4.12E-05	4.12E-05	4.12E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	Formaldehyde	3.99E-01	3.99E-01	3.99E-01	4.11E-01	4.10E-01	4.19E-01	4.19E-01	4.19E-01	5.69E-02	1.01E-02	4.37E-02	4.89E-02	2.50E-01
Missouri	Holt County	29087	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	1.89E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Holt County	29087	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	8.26E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Holt County	29087	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	5.66E-06	5.66E-06	5.66E-06	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	Hydrazine	1.31E-12	1.31E-12	1.31E-12	3.17E-12	1.91E-10	5.69E-10	5.69E-10	5.69E-10	0.00E+00	1.91E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	Lead Compounds	1.70E-04	1.70E-04	1.70E-04	2.40E-04	2.54E-04	3.52E-04	3.52E-04	3.52E-04	1.50E-04	6.19E-05	0.00E+00	4.24E-05	0.00E+00
Missouri	Holt County	29087	R	Manganese Compounds	1.09E-04	1.09E-04	1.09E-04	1.36E-04	1.84E-04	3.06E-04	3.06E-04	3.06E-04	1.02E-04	7.92E-05	1.92E-06	6.16E-07	0.00E+00
Missouri	Holt County	29087	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	2.63E-07	6.29E-07	1.17E-05	6.17E-06	1.50E-03
Missouri	Holt County	29087	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	8.31E-05	5.05E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Holt County	29087	R	Nickel Compounds	3.27E-05	3.27E-05	3.27E-05	3.52E-05	4.03E-05	5.32E-05	5.32E-05	5.32E-05	4.92E-06	2.77E-05	4.61E-06	3.08E-06	0.00E+00
Missouri	Holt County	29087	R	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	1.03E-07	2.79E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Holt County	29087	R	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.88E-04	3.92E-04	3.90E-04	3.92E-04	3.92E-04	3.92E-04	0.00E+00	1.05E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Holt County	29087	R	Polycyclic Organic Matter	4.15E-03	4.15E-03	4.15E-03	4.85E-03	4.65E-03	4.94E-03	4.94E-03	4.94E-03	6.18E-05	2.15E-03	1.94E-03	5.02E-04	0.00E+00
Missouri	Holt County	29087	R	7-PAH	1.50E-04	1.50E-04	1.50E-04	1.57E-04	1.57E-04	1.63E-04	1.63E-04	1.63E-04	1.07E-09	1.33E-04	1.53E-05	8.43E-06	0.00E+00
Missouri	Holt County	29087	R	Propylene Dichloride	6.17E-07	6.17E-07	6.17E-07	7.27E-07	1.94E-06	4.49E-06	4.49E-06	4.49E-06	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	Quinoline	7.73E-11	7.73E-11	7.73E-11	1.69E-10	6.79E-09	2.01E-08	2.01E-08	2.01E-08	0.00E+00	6.79E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	1,1,2,2-Tetrachloroethane	4.39E-06	4.39E-06	4.39E-06	5.42E-06	1.59E-05	3.78E-05	3.78E-05	3.78E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Holt County	29087	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	4.19E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Holt County	29087	R	Vinyl Chloride	1.12E-05	1.12E-05	1.12E-05	1.37E-05	3.96E-05	9.38E-05	9.38E-05	9.38E-05	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	Acetaldehyde	3.58E-02	3.58E-02	3.58E-02	5.12E-02	4.74E-02	5.52E-02	5.52E-02	5.52E-02	3.52E-04	4.23E-03	2.65E-02	1.63E-02	0.00E+00
Missouri	Howard County	29089	R	Acrolein	6.87E-03	6.87E-03	6.87E-03	9.45E-03	8.78E-03	1.00E-02	1.00E-02	1.00E-02	4.93E-08	1.94E-03	5.43E-03	1.42E-03	0.00E+00
Missouri	Howard County	29089	R	Acrylonitrile	4.39E-05	4.39E-05	4.39E-05	6.26E-05	7.38E-05	1.15E-04	1.15E-04	1.15E-04	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	Arsenic Compounds	6.19E-06	6.19E-06	6.19E-06	8.84E-06	8.68E-06	1.10E-05	1.10E-05	1.10E-05	8.85E-08	7.54E-07	4.52E-06	3.32E-06	0.00E+00
Missouri	Howard County	29089	R	Benzene	5.43E-01	5.43E-01	5.43E-01	5.71E-01	5.68E-01	5.88E-01	5.88E-01	5.88E-01	6.97E-05	1.75E-02	5.26E-02	1.74E-02	4.80E-01
Missouri	Howard County	29089	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

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Howard County	29089	R	Beryllium Compounds	4.92E-07	4.92E-07	4.92E-07	5.89E-07	5.82E-07	6.67E-07	6.67E-07	6.67E-07	4.64E-09	1.90E-07	0.00E+00	3.88E-07	0.00E+00
Missouri	Howard County	29089	R	1,3-Butadiene	1.72E-03	1.72E-03	1.72E-03	2.86E-03	3.10E-03	4.71E-03	4.71E-03	4.71E-03	0.00E+00	4.80E-04	1.77E-03	8.51E-04	0.00E+00
Missouri	Howard County	29089	R	Cadmium Compounds	6.84E-07	6.84E-07	6.84E-07	9.49E-07	8.64E-07	9.59E-07	9.59E-07	9.59E-07	1.15E-08	4.13E-07	0.00E+00	4.39E-07	0.00E+00
Missouri	Howard County	29089	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	3.27E-08	9.18E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Howard County	29089	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	2.62E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Howard County	29089	R	Chloroform	8.45E-02	8.45E-02	8.45E-02	8.51E-02	8.52E-02	8.59E-02	8.59E-02	8.59E-02	0.00E+00	2.17E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Howard County	29089	R	Chromium Compounds (includes Hexavalent)	8.86E-06	8.86E-06	8.86E-06	2.52E-05	2.43E-05	3.87E-05	3.87E-05	3.87E-05	9.11E-06	1.16E-05	3.13E-06	4.35E-07	0.00E+00
Missouri	Howard County	29089	R	Chromium VI	3.58E-06	3.58E-06	3.58E-06	6.00E-06	6.75E-06	1.07E-05	1.07E-05	1.07E-05	1.01E-06	4.36E-06	1.24E-06	1.48E-07	0.00E+00
Missouri	Howard County	29089	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
Missouri	Howard County	29089	R	1,4-Dichlorobenzene	1.42E-03	1.42E-03	1.42E-03	2.09E-03	2.10E-03	2.79E-03	2.79E-03	2.79E-03	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	1,3-Dichloropropene	2.71E-03	2.71E-03	2.71E-03	4.03E-03	4.08E-03	5.48E-03	5.48E-03	5.48E-03	0.00E+00	4.08E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	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	9.79E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Howard County	29089	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	1.01E-08	1.33E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Howard County	29089	R	Ethylene Oxide	3.05E-05	3.05E-05	3.05E-05	7.68E-05	6.48E-05	8.72E-05	8.72E-05	8.72E-05	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	Formaldehyde	2.95E-01	2.95E-01	2.95E-01	3.12E-01	3.11E-01	3.24E-01	3.24E-01	3.24E-01	2.01E-03	8.56E-03	2.52E-02	2.48E-02	2.50E-01
Missouri	Howard County	29089	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.71E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Howard County	29089	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	1.25E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Howard County	29089	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
Missouri	Howard County	29089	R	Hydrazine	1.43E-11	1.43E-11	1.43E-11	1.65E-11	2.19E-11	3.49E-11	3.49E-11	3.49E-11	0.00E+00	2.19E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	Lead Compounds	1.37E-04	1.37E-04	1.37E-04	1.82E-04	1.70E-04	1.92E-04	1.92E-04	1.92E-04	2.56E-06	1.20E-04	0.00E+00	4.82E-05	0.00E+00
Missouri	Howard County	29089	R	Manganese Compounds	4.76E-05	4.76E-05	4.76E-05	1.12E-04	1.59E-04	3.17E-04	3.17E-04	3.17E-04	3.18E-05	1.25E-04	9.35E-07	7.97E-07	0.00E+00
Missouri	Howard County	29089	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	7.19E-06	6.45E-07	5.03E-06	3.43E-06	1.50E-03
Missouri	Howard County	29089	R	Methylene Chloride	1.58E-01	1.58E-01	1.58E-01	1.63E-01	1.62E-01	1.66E-01	1.66E-01	1.66E-01	6.49E-08	1.21E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Howard County	29089	R	Nickel Compounds	3.26E-05	3.26E-05	3.26E-05	3.42E-05	3.50E-05	3.83E-05	3.83E-05	3.83E-05	6.05E-08	1.92E-05	2.33E-06	1.34E-05	0.00E+00
Missouri	Howard County	29089	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	9.63E-09	2.24E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Howard County	29089	R	Polychlorinated Biphenyls	3.89E-04	3.89E-04	3.89E-04	3.91E-04	3.93E-04	3.99E-04	3.99E-04	3.99E-04	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Howard County	29089	R	Polycyclic Organic Matter	3.63E-03	3.63E-03	3.63E-03	4.54E-03	4.73E-03	6.01E-03	6.01E-03	6.01E-03	4.21E-05	3.31E-03	1.07E-03	3.02E-04	0.00E+00
Missouri	Howard County	29089	R	7-PAH	1.85E-04	1.85E-04	1.85E-04	1.89E-04	2.25E-04	3.00E-04	3.00E-04	3.00E-04	9.27E-11	2.11E-04	7.36E-06	6.25E-06	0.00E+00
Missouri	Howard County	29089	R	Propylene Dichloride	2.17E-06	2.17E-06	2.17E-06	3.02E-06	3.62E-06	5.69E-06	5.69E-06	5.69E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	Quinoline	3.70E-10	3.70E-10	3.70E-10	5.41E-10	5.34E-10	6.91E-10	6.91E-10	6.91E-10	0.00E+00	5.34E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	1,1,2,2-Tetrachloroethane	8.89E-06	8.89E-06	8.89E-06	1.18E-05	1.35E-05	1.98E-05	1.98E-05	1.98E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Howard County	29089	R	Trichloroethylene	9.26E-02	9.26E-02	9.26E-02	9.28E-02	9.56E-02	1.01E-01	1.01E-01	1.01E-01	7.61E-03	6.97E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Howard County	29089	R	Vinyl Chloride	4.72E-05	4.72E-05	4.72E-05	2.85E-04	2.46E-04	4.07E-04	4.07E-04	4.07E-04	1.66E-04	8.05E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	Acetaldehyde	3.27E-02	3.27E-02	4.23E-02	5.35E-02	6.61E-02	9.22E-02	1.20E-01	1.20E-01	0.00E+00	2.36E-02	3.52E-02	7.33E-03	0.00E+00
Missouri	Howell County	29091	R	Acrolein	5.41E-03	5.41E-03	7.49E-03	8.99E-03	1.30E-02	2.10E-02	2.34E-02	2.34E-02	0.00E+00	5.69E-03	6.34E-03	9.34E-04	0.00E+00
Missouri	Howell County	29091	R	Acrylonitrile	1.02E-05	1.02E-05	3.19E-05	5.14E-05	1.28E-04	1.81E-04	4.83E-04	4.83E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	Arsenic Compounds	4.07E-06	4.07E-06	5.93E-06	8.49E-06	1.87E-05	3.36E-05	4.96E-05	4.96E-05	0.00E+00	6.12E-06	1.02E-05	2.42E-06	0.00E+00
Missouri	Howell County	29091	R	Benzene	5.29E-01	5.29E-01	5.37E-01	5.64E-01	6.47E-01	7.68E-01	9.03E-01	9.03E-01	0.00E+00	4.59E-02	1.08E-01	1.24E-02	4.80E-01
Missouri	Howell County	29091	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
Missouri	Howell County	29091	R	Beryllium Compounds	1.68E-07	1.68E-07	4.20E-07	6.94E-07	1.50E-06	2.46E-06	4.65E-06	4.65E-06	0.00E+00	7.56E-07	0.00E+00	7.40E-07	0.00E+00
Missouri	Howell County	29091	R	1,3-Butadiene	2.53E-03	2.53E-03	2.97E-03	4.50E-03	1.12E-02	2.02E-02	3.21E-02	3.21E-02	0.00E+00	1.33E-03	8.65E-03	1.27E-03	0.00E+00
Missouri	Howell County	29091	R	Cadmium Compounds	8.30E-07	8.30E-07	1.05E-06	2.00E-06	3.44E-06	5.32E-06	9.93E-06	9.93E-06	3.80E-07	2.32E-06	0.00E+00	7.38E-07	0.00E+00
Missouri	Howell County	29091	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.74E-02	4.77E-02	4.81E-02	4.81E-02	0.00E+00	3.54E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Howell County	29091	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.64E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Howell County	29091	R	Chloroform	8.46E-02	8.46E-02	8.50E-02	8.60E-02	8.98E-02	9.52E-02	1.01E-01	1.01E-01	0.00E+00	6.80E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Howell County	29091	R	Chromium Compounds (includes Hexavalent)	3.57E-06	3.57E-06	1.04E-05	1.95E-05	4.91E-05	6.33E-05	2.03E-04	2.03E-04	0.00E+00	4.21E-05	6.60E-06	3.23E-07	0.00E+00
Missouri	Howell County	29091	R	Chromium VI	1.43E-06	1.43E-06	4.17E-06	7.60E-06	1.87E-05	2.48E-05	7.53E-05	7.53E-05	0.00E+00	1.60E-05	2.65E-06	1.10E-07	0.00E+00
Missouri	Howell County	29091	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
Missouri	Howell County	29091	R	1,4-Dichlorobenzene	1.09E-03	1.09E-03	1.41E-03	2.09E-03	4.90E-03	8.76E-03	1.36E-02	1.36E-02	0.00E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	1,3-Dichloropropene	2.15E-03	2.15E-03	2.76E-03	4.15E-03	9.88E-03	1.77E-02	2.76E-02	2.76E-02	0.00E+00	9.88E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	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	4.26E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Howell County	29091	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	0.00E+00	1.59E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Howell County	29091	R	Ethylene Oxide	5.80E-05	5.80E-05	9.34E-05	3.92E-04	6.65E-04	7.51E-04	2.79E-03	2.79E-03	1.10E-04	5.55E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	Formaldehyde	2.93E-01	2.93E-01	3.04E-01	3.14E-01	3.46E-01	3.99E-01	4.38E-01	4.38E-01	0.00E+00	3.51E-02	4.60E-02	1.46E-02	2.50E-01
Missouri	Howell County	29091	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.36E-05	9.41E-05	9.41E-05	0.00E+00	3.92E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Howell County	29091	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	4.79E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Howell County	29091	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
Missouri	Howell County	29091	R	Hydrazine	5.66E-11	5.66E-11	2.49E-10	7.23E-10	3.04E-09	2.19E-09	1.80E-08	1.80E-08	0.00E+00	3.04E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	Lead Compounds	1.89E-05	1.89E-05	5.01E-05	1.74E-04	1.83E-04	2.76E-04	4.44E-04	4.44E-04	3.50E-06	9.83E-05	0.00E+00	8.13E-05	0.00E+00
Missouri	Howell County	29091	R	Manganese Compounds	4.03E-05	4.03E-05	2.12E-04	4.29E-04	1.34E-03	1.71E-03	5.95E-03	5.95E-03	8.51E-04	4.83E-04	2.17E-06	2.69E-07	0.00E+00
Missouri	Howell County	29091	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.54E-03	1.55E-03	1.55E-03	3.91E-06	4.69E-06	1.14E-05	2.80E-06	1.50E-03
Missouri	Howell County	29091	R	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.59E-01	1.77E-01	1.98E-01	2.37E-01	2.37E-01	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Howell County	29091	R	Nickel Compounds	6.30E-06	6.30E-06	9.10E-06	1.79E-05	4.69E-05	7.27E-05	1.69E-04	1.69E-04	0.00E+00	4.14E-05	4.98E-06	5.07E-07	0.00E+00
Missouri	Howell County	29091	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.46E-01	1.51E-01	1.56E-01	1.56E-01	0.00E+00	6.00E-03	0.00E+00	0.00E+00	1.40E-01

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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
Missouri	Howell County	29091	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.89E-04	4.05E-04	4.25E-04	4.55E-04	5.19E-04	5.19E-04	0.00E+00	4.54E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Howell County	29091	R	Polycyclic Organic Matter	3.50E-03	3.50E-03	4.01E-03	5.56E-03	1.04E-02	1.82E-02	2.45E-02	2.45E-02	0.00E+00	7.91E-03	2.20E-03	3.25E-04	0.00E+00
Missouri	Howell County	29091	R	7-PAH	2.61E-04	2.61E-04	2.99E-04	4.01E-04	6.08E-04	9.72E-04	1.26E-03	1.26E-03	0.00E+00	5.90E-04	1.59E-05	3.03E-06	0.00E+00
Missouri	Howell County	29091	R	Propylene Dichloride	5.03E-07	5.03E-07	1.61E-06	2.71E-06	6.46E-06	8.94E-06	2.47E-05	2.47E-05	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	Quinoline	1.13E-09	1.13E-09	3.52E-09	5.41E-09	1.16E-08	1.02E-08	5.31E-08	5.31E-08	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	1,1,2,2-Tetrachloroethane	3.61E-06	3.61E-06	8.23E-06	1.60E-05	3.67E-05	4.67E-05	1.48E-04	1.48E-04	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Howell County	29091	R	Trichloroethylene	8.13E-02	8.13E-02	8.15E-02	8.19E-02	8.46E-02	8.74E-02	9.38E-02	9.38E-02	0.00E+00	3.60E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Howell County	29091	R	Vinyl Chloride	1.74E-05	1.74E-05	3.90E-05	5.96E-05	1.33E-04	1.70E-04	5.09E-04	5.09E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	Acetaldehyde	1.42E-02	1.42E-02	1.60E-02	1.92E-02	1.95E-02	2.31E-02	2.55E-02	2.55E-02	3.31E-04	6.33E-03	1.15E-02	1.41E-03	0.00E+00
Missouri	Iron County	29093	R	Acrolein	8.37E-03	8.37E-03	1.09E-02	1.35E-02	1.26E-02	1.44E-02	1.50E-02	1.50E-02	2.28E-03	7.11E-03	2.76E-03	4.67E-04	0.00E+00
Missouri	Iron County	29093	R	Acrylonitrile	1.06E-05	1.06E-05	1.31E-05	2.52E-05	2.62E-05	3.93E-05	4.37E-05	4.37E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	Arsenic Compounds	6.17E-04	6.17E-04	2.20E-03	4.91E-03	4.28E-03	6.35E-03	6.66E-03	6.66E-03	4.27E-03	5.38E-07	2.95E-06	4.50E-07	0.00E+00
Missouri	Iron County	29093	R	Benzene	5.22E-01	5.22E-01	5.26E-01	5.43E-01	5.51E-01	5.75E-01	5.95E-01	5.95E-01	1.02E-03	3.29E-02	3.06E-02	6.26E-03	4.80E-01
Missouri	Iron County	29093	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
Missouri	Iron County	29093	R	Beryllium Compounds	7.62E-08	7.62E-08	8.82E-08	1.43E-07	1.79E-07	2.70E-07	3.55E-07	3.55E-07	0.00E+00	1.28E-07	0.00E+00	5.08E-08	0.00E+00
Missouri	Iron County	29093	R	1,3-Butadiene	2.16E-03	2.16E-03	3.13E-03	5.57E-03	5.10E-03	7.08E-03	7.12E-03	7.12E-03	1.54E-03	1.70E-03	1.51E-03	3.49E-04	0.00E+00
Missouri	Iron County	29093	R	Cadmium Compounds	3.20E-05	3.20E-05	8.80E-05	1.85E-04	1.63E-04	2.37E-04	2.48E-04	2.48E-04	1.62E-04	2.99E-07	0.00E+00	5.12E-08	0.00E+00
Missouri	Iron County	29093	R	Carbon Disulfide	4.72E-02	4.72E-02	4.78E-02	4.86E-02	4.84E-02	4.90E-02	4.91E-02	4.91E-02	1.25E-03	1.27E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Iron County	29093	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	2.76E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Iron County	29093	R	Chloroform	8.35E-02	8.35E-02	8.37E-02	8.44E-02	8.47E-02	8.58E-02	8.66E-02	8.66E-02	0.00E+00	1.73E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Iron County	29093	R	Chromium Compounds (includes Hexavalent)	1.50E-06	1.50E-06	2.12E-06	2.99E-06	2.91E-06	3.71E-06	4.19E-06	4.19E-06	5.76E-07	3.73E-07	1.89E-06	7.60E-08	0.00E+00
Missouri	Iron County	29093	R	Chromium VI	6.00E-07	6.00E-07	6.22E-07	8.24E-07	9.63E-07	1.30E-06	1.60E-06	1.60E-06	1.73E-08	1.79E-07	7.41E-07	2.58E-08	0.00E+00
Missouri	Iron County	29093	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
Missouri	Iron County	29093	R	1,4-Dichlorobenzene	8.11E-04	8.11E-04	9.06E-04	1.56E-03	2.03E-03	3.15E-03	4.19E-03	4.19E-03	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	1,3-Dichloropropene	1.53E-03	1.53E-03	1.73E-03	3.04E-03	4.00E-03	6.28E-03	8.40E-03	8.40E-03	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	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	8.71E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Iron County	29093	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	0.00E+00	1.14E-04	0.00E+00	0.00E+00	6.10E-02
Missouri	Iron County	29093	R	Ethylene Oxide	1.08E-05	1.08E-05	1.47E-05	3.99E-05	6.99E-05	1.25E-04	1.89E-04	1.89E-04	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	Formaldehyde	2.84E-01	2.84E-01	2.89E-01	2.94E-01	2.95E-01	3.02E-01	3.08E-01	3.08E-01	5.34E-05	2.83E-02	1.40E-02	2.81E-03	2.50E-01
Missouri	Iron County	29093	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	9.35E-05	0.00E+00	2.15E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Iron County	29093	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	1.47E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Iron County	29093	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
Missouri	Iron County	29093	R	Hydrazine	3.69E-12	3.69E-12	6.80E-12	1.40E-11	1.44E-11	2.19E-11	2.58E-11	2.58E-11	0.00E+00	1.44E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	Lead Compounds	4.05E-02	4.05E-02	5.15E-02	8.06E-02	8.10E-02	1.11E-01	1.22E-01	1.22E-01	7.96E-02	1.37E-03	0.00E+00	1.03E-05	0.00E+00
Missouri	Iron County	29093	R	Manganese Compounds	7.58E-06	7.58E-06	3.45E-05	7.60E-05	6.72E-05	1.00E-04	1.09E-04	1.09E-04	6.50E-05	1.57E-06	5.78E-07	5.70E-08	0.00E+00
Missouri	Iron County	29093	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	5.79E-07	3.51E-06	4.14E-07	1.50E-03
Missouri	Iron County	29093	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.56E-01	1.58E-01	1.63E-01	1.68E-01	1.68E-01	4.86E-05	8.45E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Iron County	29093	R	Nickel Compounds	3.35E-03	3.35E-03	1.20E-02	2.67E-02	2.32E-02	3.45E-02	3.61E-02	3.61E-02	2.32E-02	6.85E-06	1.40E-06	2.07E-07	0.00E+00
Missouri	Iron County	29093	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.45E-01	1.49E-01	1.54E-01	1.54E-01	0.00E+00	5.31E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Iron County	29093	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.97E-04	4.05E-04	4.23E-04	4.38E-04	4.38E-04	0.00E+00	2.50E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Iron County	29093	R	Polycyclic Organic Matter	2.68E-03	2.68E-03	3.05E-03	4.42E-03	5.17E-03	7.28E-03	9.13E-03	9.13E-03	0.00E+00	4.46E-03	6.28E-04	7.52E-05	0.00E+00
Missouri	Iron County	29093	R	7-PAH	3.02E-04	3.02E-04	3.46E-04	4.52E-04	4.94E-04	6.42E-04	7.72E-04	7.72E-04	0.00E+00	4.89E-04	4.54E-06	1.02E-06	0.00E+00
Missouri	Iron County	29093	R	Propylene Dichloride	5.27E-07	5.27E-07	6.85E-07	1.15E-06	1.30E-06	1.91E-06	2.35E-06	2.35E-06	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	Quinoline	1.72E-10	1.72E-10	2.79E-10	4.91E-10	4.68E-10	6.58E-10	7.18E-10	7.18E-10	0.00E+00	4.68E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	1,1,2,2-Tetrachloroethane	3.82E-06	3.82E-06	5.04E-06	6.28E-06	8.53E-06	1.20E-05	1.77E-05	1.77E-05	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Iron County	29093	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.14E-02	8.16E-02	8.21E-02	8.25E-02	8.25E-02	0.00E+00	6.38E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Iron County	29093	R	Vinyl Chloride	9.44E-06	9.44E-06	1.35E-05	1.94E-05	2.40E-05	3.45E-05	4.80E-05	4.80E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	Acetaldehyde	2.23E-01	2.97E-01	4.45E-01	5.59E-01	6.36E-01	7.28E-01	1.10E+00	1.40E+00	4.80E-04	7.45E-02	4.67E-01	9.44E-02	0.00E+00
Missouri	Jackson County	29095	U	Acrolein	4.54E-02	5.76E-02	8.05E-02	1.02E-01	1.01E-01	1.17E-01	1.47E-01	1.63E-01	2.53E-06	9.29E-03	7.85E-02	1.36E-02	0.00E+00
Missouri	Jackson County	29095	U	Acrylonitrile	8.32E-04	9.80E-04	1.27E-03	1.67E-03	2.18E-03	2.17E-03	2.83E-03	3.43E-03	1.72E-03	4.57E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	Arsenic Compounds	4.96E-05	5.96E-05	8.26E-05	1.06E-04	1.32E-04	1.42E-04	2.37E-04	3.36E-04	4.98E-06	3.32E-05	7.46E-05	1.96E-05	0.00E+00
Missouri	Jackson County	29095	U	Benzene	1.06E+00	1.19E+00	1.49E+00	1.76E+00	1.95E+00	2.08E+00	2.97E+00	3.96E+00	2.57E-03	1.39E-01	1.15E+00	1.84E-01	4.80E-01
Missouri	Jackson County	29095	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
Missouri	Jackson County	29095	U	Beryllium Compounds	3.89E-06	4.82E-06	7.71E-06	1.33E-05	2.05E-05	2.80E-05	4.05E-05	4.80E-05	2.59E-07	1.66E-05	0.00E+00	3.65E-06	0.00E+00
Missouri	Jackson County	29095	U	1,3-Butadiene	2.28E-02	3.27E-02	5.10E-02	7.11E-02	1.01E-01	1.06E-01	2.21E-01	3.14E-01	0.00E+00	3.69E-04	8.20E-02	1.82E-02	0.00E+00
Missouri	Jackson County	29095	U	Cadmium Compounds	6.02E-06	7.56E-06	1.15E-05	2.09E-05	3.85E-05	4.25E-05	9.23E-05	1.35E-04	6.36E-07	3.40E-05	0.00E+00	3.87E-06	0.00E+00
Missouri	Jackson County	29095	U	Carbon Disulfide	4.79E-02	4.82E-02	4.92E-02	5.15E-02	5.53E-02	5.56E-02	6.50E-02	7.48E-02	1.30E-04	8.17E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Jackson County	29095	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	8.25E-06	4.33E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Jackson County	29095	U	Chloroform	9.45E-02	1.00E-01	1.08E-01	1.16E-01	1.19E-01	1.30E-01	1.41E-01	1.48E-01	1.04E-05	3.60E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Jackson County	29095	U	Chromium Compounds (includes Hexavalent)	1.10E-04	1.54E-04	2.38E-04	3.62E-04	6.62E-04	8.00E-04	1.56E-03	2.00E-03	4.24E-05	5.48E-04	6.72E-05	4.10E-06	0.00E+00
Missouri	Jackson County	29095	U	Chromium VI	4.79E-05	6.24E-05	9.33E-05	1.53E-04	2.33E-04	2.56E-04	5.16E-04	6.95E-04	1.41E-05	1.90E-04	2.69E-05	1.39E-06	0.00E+00
Missouri	Jackson County	29095	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
Missouri	Jackson County	29095	U	1,4-Dichlorobenzene	1.38E-02	1.94E-02	2.65E-02	3.63E-02	3.86E-02	5.02E-02	6.27E-02	6.84E-02	8.96E-05	3.85E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	1,3-Dichloropropene	2.72E-02	3.80E-02	5.25E-02	7.01E-02	7.68E-02	1.00E-01	1.26E-01	1.38E-01	0.00E+00	7.68E-02	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Jackson County	29095	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	5.45E-07	1.55E-06	0.00E+00	0.00E+00	7.70E-03
Missouri	Jackson County	29095	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	1.18E-04	9.56E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Jackson County	29095	U	Ethylene Oxide	4.40E-04	6.27E-04	1.30E-03	3.36E-03	6.56E-03	5.81E-03	1.11E-02	2.14E-02	0.00E+00	6.56E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	Formaldehyde	5.34E-01	6.09E-01	7.78E-01	8.97E-01	9.89E-01	1.07E+00	1.49E+00	1.83E+00	5.78E-02	4.15E-02	4.73E-01	1.66E-01	2.50E-01
Missouri	Jackson County	29095	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	9.06E-08	0.00E+00	0.00E+00	9.30E-05
Missouri	Jackson County	29095	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	1.98E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Jackson County	29095	U	Hexamethylene Diisocyanate	7.97E-05	1.05E-04	1.50E-04	3.14E-04	7.58E-04	5.16E-04	8.19E-04	1.22E-03	7.53E-04	4.63E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	Hydrazine	8.10E-07	1.17E-06	2.27E-06	6.36E-06	2.34E-05	1.54E-05	3.16E-05	6.09E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	Lead Compounds	4.79E-04	5.99E-04	1.07E-03	1.80E-03	2.54E-03	2.94E-03	5.51E-03	7.20E-03	1.95E-05	1.35E-03	0.00E+00	1.17E-03	0.00E+00
Missouri	Jackson County	29095	U	Manganese Compounds	3.01E-04	3.81E-04	6.90E-04	1.26E-03	1.99E-03	2.50E-03	4.24E-03	5.12E-03	5.65E-05	1.91E-03	2.17E-05	4.31E-06	0.00E+00
Missouri	Jackson County	29095	U	Mercury Compounds	1.54E-03	1.56E-03	1.58E-03	1.60E-03	1.62E-03	1.63E-03	1.72E-03	1.78E-03	1.71E-07	2.89E-05	7.01E-05	2.01E-05	1.50E-03
Missouri	Jackson County	29095	U	Methylene Chloride	1.93E-01	2.09E-01	2.54E-01	3.22E-01	3.86E-01	4.20E-01	6.48E-01	8.34E-01	6.80E-03	2.29E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Jackson County	29095	U	Nickel Compounds	1.03E-04	1.42E-04	2.37E-04	4.09E-04	7.72E-04	8.77E-04	1.66E-03	2.12E-03	8.25E-06	6.70E-04	4.98E-05	4.33E-05	0.00E+00
Missouri	Jackson County	29095	U	Perchloroethylene	1.61E-01	1.72E-01	1.98E-01	2.49E-01	3.51E-01	3.64E-01	5.92E-01	9.65E-01	7.85E-02	1.33E-01	0.00E+00	0.00E+00	1.40E-01
Missouri	Jackson County	29095	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.86E-04	3.86E-04	3.87E-04	3.88E-04	3.90E-04	0.00E+00	6.38E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Jackson County	29095	U	Polycyclic Organic Matter	3.22E-02	4.13E-02	5.06E-02	6.51E-02	6.97E-02	7.86E-02	9.98E-02	1.16E-01	3.33E-04	4.38E-02	2.18E-02	3.70E-03	0.00E+00
Missouri	Jackson County	29095	U	7-PAH	8.03E-04	8.87E-04	1.09E-03	1.27E-03	1.51E-03	1.50E-03	2.37E-03	2.89E-03	5.04E-09	1.32E-03	1.39E-04	4.57E-05	0.00E+00
Missouri	Jackson County	29095	U	Propylene Dichloride	2.95E-05	3.27E-05	4.30E-05	6.18E-05	9.39E-05	8.02E-05	1.25E-04	1.80E-04	5.90E-05	3.49E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	Quinoline	8.68E-08	1.29E-07	2.33E-07	5.77E-07	1.82E-06	1.65E-06	4.71E-06	7.44E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	1,1,2,2-Tetrachloroethane	2.36E-04	2.77E-04	3.94E-04	5.13E-04	7.64E-04	6.21E-04	9.80E-04	1.15E-03	5.41E-04	2.23E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Jackson County	29095	U	Trichloroethylene	8.92E-02	9.34E-02	1.04E-01	1.28E-01	1.41E-01	1.58E-01	2.03E-01	2.58E-01	1.08E-03	5.92E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Jackson County	29095	U	Vinyl Chloride	5.22E-04	6.17E-04	8.31E-04	1.04E-03	1.75E-03	1.33E-03	2.24E-03	2.99E-03	1.33E-03	4.19E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	Acetaldehyde	6.37E-02	8.12E-02	1.08E-01	1.55E-01	1.61E-01	1.92E-01	2.35E-01	3.25E-01	1.88E-03	7.51E-03	1.37E-01	1.48E-02	0.00E+00
Missouri	Jasper County	29097	U	Acrolein	8.55E-03	1.57E-02	2.29E-02	3.23E-02	3.10E-02	4.07E-02	4.47E-02	4.67E-02	1.67E-06	4.77E-03	2.44E-02	1.84E-03	0.00E+00
Missouri	Jasper County	29097	U	Acrylonitrile	3.99E-05	1.16E-04	1.25E-04	1.61E-04	1.69E-04	1.94E-04	2.56E-04	3.02E-04	1.42E-05	1.55E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	Arsenic Compounds	1.44E-05	2.36E-05	2.80E-05	4.50E-05	4.75E-05	6.24E-05	7.13E-05	7.95E-05	6.19E-06	8.00E-06	2.87E-05	4.59E-06	0.00E+00
Missouri	Jasper County	29097	U	Benzene	6.27E-01	6.60E-01	7.55E-01	1.03E+00	1.04E+00	1.22E+00	1.40E+00	1.45E+00	2.20E-04	1.07E-01	4.21E-01	3.00E-02	4.80E-01
Missouri	Jasper County	29097	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
Missouri	Jasper County	29097	U	Beryllium Compounds	9.91E-07	1.46E-06	2.66E-06	3.99E-06	3.79E-06	4.83E-06	5.74E-06	6.50E-06	1.01E-06	2.12E-06	0.00E+00	6.58E-07	0.00E+00
Missouri	Jasper County	29097	U	1,3-Butadiene	6.19E-03	7.65E-03	1.12E-02	2.91E-02	3.67E-02	5.28E-02	6.85E-02	8.59E-02	0.00E+00	1.02E-03	3.25E-02	3.25E-03	0.00E+00
Missouri	Jasper County	29097	U	Cadmium Compounds	1.45E-06	2.36E-06	4.17E-06	6.26E-06	5.90E-06	7.68E-06	8.98E-06	1.02E-05	1.49E-06	3.75E-06	0.00E+00	6.56E-07	0.00E+00
Missouri	Jasper County	29097	U	Carbon Disulfide	4.72E-02	4.75E-02	4.78E-02	4.89E-02	5.01E-02	4.98E-02	5.42E-02	5.67E-02	2.77E-06	3.13E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Jasper County	29097	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.59E-08	2.00E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Jasper County	29097	U	Chloroform	8.44E-02	8.58E-02	9.04E-02	9.53E-02	9.46E-02	9.82E-02	1.02E-01	1.05E-01	1.51E-07	1.16E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Jasper County	29097	U	Chromium Compounds (includes Hexavalent)	1.76E-05	3.68E-05	6.73E-05	1.18E-04	1.62E-04	2.09E-04	3.25E-04	4.34E-04	1.52E-05	1.23E-04	2.31E-05	5.62E-07	0.00E+00
Missouri	Jasper County	29097	U	Chromium VI	6.01E-06	1.15E-05	2.02E-05	2.82E-05	2.89E-05	3.54E-05	4.87E-05	4.91E-05	3.56E-06	1.59E-05	9.21E-06	1.91E-07	0.00E+00
Missouri	Jasper County	29097	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
Missouri	Jasper County	29097	U	1,4-Dichlorobenzene	2.05E-03	3.42E-03	9.19E-03	1.46E-02	1.47E-02	2.10E-02	2.51E-02	2.54E-02	1.30E-06	1.47E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	1,3-Dichloropropene	4.05E-03	6.65E-03	1.85E-02	2.95E-02	2.98E-02	4.25E-02	5.09E-02	5.17E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	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	7.92E-09	6.44E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Jasper County	29097	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	2.17E-06	2.69E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Jasper County	29097	U	Ethylene Oxide	1.15E-04	1.36E-04	2.66E-04	5.09E-04	1.16E-03	1.49E-03	1.93E-03	4.82E-03	4.19E-05	1.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	Formaldehyde	3.46E-01	3.76E-01	3.81E-01	4.83E-01	4.91E-01	5.53E-01	6.11E-01	6.74E-01	2.54E-02	2.17E-02	1.66E-01	2.77E-02	2.50E-01
Missouri	Jasper County	29097	U	Hexachlorobenzene	9.31E-05	9.32E-05	9.34E-05	9.35E-05	9.35E-05	9.36E-05	9.39E-05	9.40E-05	0.00E+00	5.18E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Jasper County	29097	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	9.94E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Jasper County	29097	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
Missouri	Jasper County	29097	U	Hydrazine	2.63E-09	1.03E-08	1.74E-08	6.75E-08	2.46E-07	1.94E-07	6.96E-07	9.62E-07	0.00E+00	2.46E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	Lead Compounds	1.46E-04	2.49E-04	4.43E-04	8.40E-04	2.38E-03	1.51E-03	2.73E-03	7.12E-03	1.22E-05	1.85E-03	0.00E+00	5.23E-04	0.00E+00
Missouri	Jasper County	29097	U	Manganese Compounds	1.67E-04	2.42E-04	3.63E-04	4.72E-04	5.14E-04	6.42E-04	8.72E-04	8.74E-04	3.88E-05	4.67E-04	7.43E-06	4.83E-07	0.00E+00
Missouri	Jasper County	29097	U	Mercury Compounds	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	6.80E-06	7.24E-06	2.91E-05	4.45E-06	1.50E-03
Missouri	Jasper County	29097	U	Methylene Chloride	1.57E-01	1.65E-01	1.86E-01	2.26E-01	2.36E-01	2.77E-01	3.01E-01	3.16E-01	1.32E-03	8.50E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Jasper County	29097	U	Nickel Compounds	6.67E-05	1.54E-04	5.69E-04	7.62E-04	7.01E-04	8.11E-04	1.01E-03	1.25E-03	7.18E-06	6.76E-04	1.73E-05	8.56E-07	0.00E+00
Missouri	Jasper County	29097	U	Perchloroethylene	1.45E-01	1.47E-01	1.61E-01	1.70E-01	1.74E-01	1.81E-01	1.91E-01	2.10E-01	2.67E-05	3.42E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Jasper County	29097	U	Polychlorinated Biphenyls	3.90E-04	3.94E-04	4.21E-04	4.38E-04	4.38E-04	4.55E-04	4.85E-04	4.95E-04	0.00E+00	5.82E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Jasper County	29097	U	Polycyclic Organic Matter	9.30E-03	1.04E-02	1.74E-02	3.22E-02	2.88E-02	3.79E-02	4.40E-02	4.43E-02	6.84E-05	2.02E-02	7.81E-03	7.72E-04	0.00E+00
Missouri	Jasper County	29097	U	7-PAH	3.75E-04	4.09E-04	5.98E-04	7.98E-04	7.71E-04	9.63E-04	1.15E-03	1.16E-03	3.80E-09	7.14E-04	5.06E-05	6.64E-06	0.00E+00
Missouri	Jasper County	29097	U	Propylene Dichloride	1.98E-06	6.82E-06	7.53E-06	9.60E-06	1.27E-05	1.16E-05	2.54E-05	3.22E-05	8.57E-07	1.18E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	Quinoline	3.93E-08	1.06E-07	1.80E-07	3.35E-07	7.64E-07	6.12E-07	1.99E-06	2.69E-06	0.00E+00	7.64E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	1,1,2,2-Tetrachloroethane	1.28E-05	2.85E-05	3.73E-05	4.04E-05	3.98E-05	4.50E-05	5.45E-05	5.51E-05	7.85E-06	3.19E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Jasper County	29097	U	Trichloroethylene	8.18E-02	8.25E-02	8.46E-02	9.10E-02	9.09E-02	9.48E-02	1.00E-01	1.03E-01	1.52E-05	9.87E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Jasper County	29097	U	Vinyl Chloride	4.35E-05	9.19E-05	1.09E-04	1.32E-04	1.35E-04	1.46E-04	2.10E-04	2.33E-04	1.93E-05	1.15E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	Acetaldehyde	1.01E-01	1.38E-01	2.84E-01	4.37E-01	4.57E-01	6.22E-01	7.70E-01	7.96E-01	9.36E-05	9.90E-03	4.05E-01	4.19E-02	0.00E+00
Missouri	Jefferson County	29099	U	Acrolein	2.74E-02	2.93E-02	4.35E-02	6.65E-02	6.40E-02	8.04E-02	8.73E-02	9.99E-02	2.37E-03	8.81E-03	4.45E-02	8.36E-03	0.00E+00
Missouri	Jefferson County	29099	U	Acrylonitrile	9.25E-05	1.10E-04	1.52E-04	2.86E-04	3.12E-04	4.49E-04	5.56E-04	6.18E-04	1.19E-04	1.93E-04	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Jefferson County	29099	U	Arsenic Compounds	3.15E-05	3.76E-05	6.26E-05	1.07E-04	1.05E-04	1.32E-04	1.85E-04	2.06E-04	4.15E-05	9.01E-06	4.69E-05	7.40E-06	0.00E+00
Missouri	Jefferson County	29099	U	Benzene	7.25E-01	8.01E-01	8.87E-01	1.12E+00	1.13E+00	1.32E+00	1.46E+00	1.57E+00	3.92E-03	1.46E-01	4.11E-01	8.60E-02	4.80E-01
Missouri	Jefferson County	29099	U	Benzidine	0.00E+00	0.00E+00	4.37E-09	1.65E-08	1.58E-08	2.26E-08	3.04E-08	3.73E-08	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	Beryllium Compounds	9.78E-07	1.59E-06	2.32E-06	3.44E-06	3.81E-06	5.29E-06	6.30E-06	6.80E-06	1.13E-06	1.88E-06	0.00E+00	8.01E-07	0.00E+00
Missouri	Jefferson County	29099	U	1,3-Butadiene	8.35E-03	1.20E-02	1.55E-02	3.04E-02	3.43E-02	4.40E-02	6.53E-02	9.82E-02	2.28E-04	8.91E-04	2.72E-02	5.98E-03	0.00E+00
Missouri	Jefferson County	29099	U	Cadmium Compounds	4.40E-05	5.83E-05	1.80E-02	5.73E-02	5.06E-02	7.62E-02	8.61E-02	1.04E-01	5.06E-02	6.04E-06	0.00E+00	1.00E-06	0.00E+00
Missouri	Jefferson County	29099	U	Carbon Disulfide	4.75E-02	4.76E-02	4.79E-02	4.83E-02	4.85E-02	4.91E-02	4.96E-02	4.98E-02	3.34E-05	1.42E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Jefferson County	29099	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	2.20E-07	3.13E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Jefferson County	29099	U	Chloroform	8.66E-02	8.68E-02	9.04E-02	9.79E-02	9.78E-02	1.05E-01	1.07E-01	1.11E-01	1.83E-03	1.30E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Jefferson County	29099	U	Chromium Compounds (includes Hexavalent)	5.98E-05	8.10E-05	1.63E-04	4.56E-04	4.65E-04	5.28E-04	6.21E-04	1.94E-03	8.18E-05	3.44E-04	3.69E-05	1.99E-06	0.00E+00
Missouri	Jefferson County	29099	U	Chromium VI	1.07E-05	1.25E-05	2.96E-05	6.44E-05	5.99E-05	8.33E-05	9.99E-05	1.10E-04	9.43E-06	3.50E-05	1.47E-05	6.75E-07	0.00E+00
Missouri	Jefferson County	29099	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	5.95E-03	1.08E-02	1.95E-02	2.57E-02	3.33E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	1,4-Dichlorobenzene	7.01E-03	7.38E-03	1.67E-02	2.75E-02	2.73E-02	3.64E-02	4.36E-02	4.93E-02	3.67E-03	2.36E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	1,3-Dichloropropene	1.34E-02	1.42E-02	2.63E-02	4.49E-02	4.64E-02	6.08E-02	7.70E-02	8.21E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	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	7.13E-08	1.44E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Jefferson County	29099	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.16E-02	6.16E-02	1.64E-05	2.26E-04	0.00E+00	0.00E+00	6.10E-02
Missouri	Jefferson County	29099	U	Ethylene Oxide	9.57E-05	1.26E-04	3.40E-04	7.22E-04	6.80E-04	9.71E-04	1.22E-03	1.29E-03	1.13E-05	6.69E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	Formaldehyde	3.86E-01	4.18E-01	5.32E-01	7.06E-01	6.86E-01	8.24E-01	9.55E-01	9.63E-01	3.18E-03	2.76E-02	3.29E-01	7.64E-02	2.50E-01
Missouri	Jefferson County	29099	U	Hexachlorobenzene	9.32E-05	9.33E-05	9.35E-05	9.38E-05	9.39E-05	9.42E-05	9.45E-05	9.47E-05	0.00E+00	8.91E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Jefferson County	29099	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	1.51E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Jefferson County	29099	U	Hexamethylene Diisocyanate	0.00E+00	6.01E-07	1.30E-05	1.92E-05	2.18E-05	3.30E-05	3.99E-05	4.43E-05	5.57E-07	2.12E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	Hydrazine	1.21E-09	1.02E-08	1.53E-08	3.22E-08	4.69E-08	7.49E-08	1.07E-07	1.30E-07	0.00E+00	4.69E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	Lead Compounds	1.89E-02	2.60E-02	7.16E-02	1.48E-01	2.29E-01	2.11E-01	2.84E-01	6.41E-01	2.29E-01	3.44E-04	0.00E+00	2.75E-04	0.00E+00
Missouri	Jefferson County	29099	U	Manganese Compounds	3.75E-05	3.90E-05	9.34E-05	3.96E-04	4.37E-04	7.55E-04	8.36E-04	1.06E-03	3.04E-04	1.18E-04	1.17E-05	2.80E-06	0.00E+00
Missouri	Jefferson County	29099	U	Mercury Compounds	1.52E-03	1.53E-03	1.55E-03	1.58E-03	1.58E-03	1.60E-03	1.60E-03	1.66E-03	4.55E-06	1.49E-05	4.83E-05	7.25E-06	1.50E-03
Missouri	Jefferson County	29099	U	Methylene Chloride	1.86E-01	1.90E-01	2.24E-01	2.76E-01	2.83E-01	3.44E-01	3.53E-01	3.96E-01	3.26E-02	1.00E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Jefferson County	29099	U	Nickel Compounds	7.99E-05	1.03E-04	2.09E-04	4.84E-04	4.86E-04	5.63E-04	6.62E-04	1.52E-03	1.24E-04	2.85E-04	2.75E-05	4.88E-05	0.00E+00
Missouri	Jefferson County	29099	U	Perchloroethylene	1.48E-01	1.48E-01	1.54E-01	1.64E-01	1.64E-01	1.71E-01	1.78E-01	1.86E-01	2.21E-04	2.37E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Jefferson County	29099	U	Polychlorinated Biphenyls	4.03E-04	4.14E-04	4.37E-04	4.71E-04	4.87E-04	5.31E-04	5.57E-04	5.85E-04	1.03E-10	1.07E-04	0.00E+00	0.00E+00	3.80E-04
Missouri	Jefferson County	29099	U	Polycyclic Organic Matter	2.27E-02	2.84E-02	3.93E-02	7.00E-02	6.54E-02	8.28E-02	9.16E-02	1.16E-01	7.11E-03	4.49E-02	1.18E-02	1.62E-03	0.00E+00
Missouri	Jefferson County	29099	U	7-PAH	9.60E-04	1.19E-03	1.44E-03	1.76E-03	1.84E-03	2.06E-03	2.63E-03	2.93E-03	9.05E-06	1.73E-03	8.07E-05	2.26E-05	0.00E+00
Missouri	Jefferson County	29099	U	Propylene Dichloride	5.07E-06	6.04E-06	7.73E-06	1.40E-05	1.68E-05	2.47E-05	3.15E-05	3.49E-05	7.25E-06	9.50E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	Quinoline	1.77E-08	3.79E-08	5.55E-08	7.75E-08	1.24E-07	1.90E-07	2.60E-07	3.30E-07	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	1,1,2,2-Tetrachloroethane	2.87E-05	3.09E-05	3.76E-05	8.88E-05	1.11E-04	1.77E-04	2.12E-04	2.50E-04	6.62E-05	4.43E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Jefferson County	29099	U	Trichloroethylene	8.37E-02	8.70E-02	9.92E-02	1.16E-01	1.16E-01	1.28E-01	1.46E-01	1.58E-01	2.07E-02	1.40E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Jefferson County	29099	U	Vinyl Chloride	9.10E-05	9.50E-05	1.11E-04	2.52E-04	3.04E-04	4.69E-04	5.88E-04	6.80E-04	1.63E-04	1.41E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	Acetaldehyde	2.94E-02	2.94E-02	5.45E-02	6.82E-02	7.38E-02	9.29E-02	1.26E-01	1.26E-01	1.58E-03	2.42E-03	5.33E-02	1.65E-02	0.00E+00
Missouri	Johnson County	29101	R	Acrolein	5.66E-03	5.66E-03	8.87E-03	1.03E-02	1.30E-02	1.66E-02	2.24E-02	2.24E-02	1.51E-06	2.61E-03	8.76E-03	1.67E-03	0.00E+00
Missouri	Johnson County	29101	R	Acrylonitrile	3.86E-05	3.86E-05	4.03E-05	6.99E-05	7.28E-05	8.80E-05	1.45E-04	1.45E-04	8.82E-06	6.40E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	Arsenic Compounds	9.65E-06	9.65E-06	1.38E-05	2.12E-05	2.39E-05	3.00E-05	4.80E-05	4.80E-05	2.45E-06	2.89E-06	1.43E-05	4.26E-06	0.00E+00
Missouri	Johnson County	29101	R	Benzene	5.42E-01	5.42E-01	5.84E-01	6.92E-01	7.35E-01	8.28E-01	1.04E+00	1.04E+00	2.46E-04	5.28E-02	1.79E-01	2.32E-02	4.80E-01
Missouri	Johnson County	29101	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
Missouri	Johnson County	29101	R	Beryllium Compounds	5.15E-07	5.15E-07	6.77E-07	1.17E-06	1.29E-06	1.79E-06	2.47E-06	2.47E-06	1.29E-07	6.46E-07	0.00E+00	5.14E-07	0.00E+00
Missouri	Johnson County	29101	R	1,3-Butadiene	2.25E-03	2.25E-03	3.87E-03	1.56E-02	1.79E-02	2.67E-02	4.58E-02	4.58E-02	0.00E+00	2.92E-04	1.57E-02	1.90E-03	0.00E+00
Missouri	Johnson County	29101	R	Cadmium Compounds	8.03E-07	8.03E-07	1.15E-06	1.75E-06	1.99E-06	2.58E-06	3.50E-06	3.50E-06	3.19E-07	1.15E-06	0.00E+00	5.13E-07	0.00E+00
Missouri	Johnson County	29101	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.75E-02	4.76E-02	4.85E-02	4.85E-02	2.11E-06	4.57E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Johnson County	29101	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	1.62E-08	1.22E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Johnson County	29101	R	Chloroform	8.36E-02	8.36E-02	8.44E-02	8.62E-02	8.71E-02	8.88E-02	9.23E-02	9.23E-02	9.40E-08	4.07E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Johnson County	29101	R	Chromium Compounds (includes Hexavalent)	5.68E-06	5.68E-06	7.79E-06	1.48E-05	1.44E-05	1.80E-05	2.83E-05	2.83E-05	1.61E-06	2.43E-06	1.00E-05	3.74E-07	0.00E+00
Missouri	Johnson County	29101	R	Chromium VI	1.50E-06	1.50E-06	3.96E-06	4.71E-06	5.73E-06	7.54E-06	1.18E-05	1.18E-05	1.77E-07	1.42E-06	4.00E-06	1.27E-07	0.00E+00
Missouri	Johnson County	29101	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
Missouri	Johnson County	29101	R	1,4-Dichlorobenzene	1.29E-03	1.29E-03	2.62E-03	7.59E-03	8.66E-03	1.26E-02	2.11E-02	2.11E-02	8.11E-07	8.66E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	1,3-Dichloropropene	2.48E-03	2.48E-03	5.03E-03	1.54E-02	1.75E-02	2.55E-02	4.30E-02	4.30E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.93E-09	1.85E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Johnson County	29101	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	1.36E-06	4.03E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Johnson County	29101	R	Ethylene Oxide	2.09E-05	2.09E-05	5.57E-05	1.18E-04	2.66E-04	4.36E-04	7.99E-04	7.99E-04	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	Formaldehyde	2.91E-01	2.91E-01	3.21E-01	3.52E-01	3.65E-01	4.02E-01	4.73E-01	4.73E-01	6.98E-03	6.73E-03	7.41E-02	2.68E-02	2.50E-01
Missouri	Johnson County	29101	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.36E-05	9.36E-05	9.39E-05	9.43E-05	9.43E-05	0.00E+00	5.72E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Johnson County	29101	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	6.91E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Johnson County	29101	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
Missouri	Johnson County	29101	R	Hydrazine	1.27E-10	1.27E-10	1.49E-10	2.36E-10	5.86E-10	2.52E-10	3.27E-09	3.27E-09	0.00E+00	5.86E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	Lead Compounds	4.39E-05	4.39E-05	7.12E-05	9.19E-05	1.30E-04	1.41E-04	3.18E-04	3.18E-04	3.47E-06	5.18E-05	0.00E+00	7.45E-05	0.00E+00
Missouri	Johnson County	29101	R	Manganese Compounds	5.13E-06	5.13E-06	3.72E-05	4.81E-05	4.57E-05	5.57E-05	7.77E-05	7.77E-05	2.99E-06	3.90E-05	3.35E-06	4.15E-07	0.00E+00
Missouri	Johnson County	29101	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.55E-03	2.03E-09	2.26E-06	1.57E-05	4.09E-06	1.50E-03

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Johnson County	29101	R	Methylene Chloride	1.54E-01	1.54E-01	1.59E-01	1.72E-01	1.93E-01	2.32E-01	2.59E-01	2.59E-01	3.26E-05	4.31E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Johnson County	29101	R	Nickel Compounds	1.01E-05	1.01E-05	1.46E-05	2.23E-05	5.76E-05	9.59E-05	1.40E-04	1.40E-04	1.67E-06	4.76E-05	7.53E-06	8.56E-07	0.00E+00
Missouri	Johnson County	29101	R	Perchloroethylene	1.43E-01	1.43E-01	1.45E-01	1.50E-01	1.49E-01	1.52E-01	1.57E-01	1.57E-01	1.59E-05	9.48E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Johnson County	29101	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.94E-04	4.43E-04	4.42E-04	4.83E-04	5.30E-04	5.30E-04	0.00E+00	6.18E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Johnson County	29101	R	Polycyclic Organic Matter	3.45E-03	3.45E-03	5.90E-03	1.04E-02	1.28E-02	1.78E-02	2.76E-02	2.76E-02	6.46E-05	8.98E-03	3.38E-03	3.90E-04	0.00E+00
Missouri	Johnson County	29101	R	7-PAH	1.70E-04	1.70E-04	2.42E-04	4.09E-04	4.58E-04	6.82E-04	9.24E-04	9.24E-04	2.60E-09	4.30E-04	2.34E-05	5.08E-06	0.00E+00
Missouri	Johnson County	29101	R	Propylene Dichloride	1.92E-06	1.92E-06	2.24E-06	2.63E-06	3.24E-06	4.68E-06	5.05E-06	5.05E-06	5.34E-07	2.71E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	Quinoline	2.95E-09	2.95E-09	3.89E-09	5.58E-09	6.27E-09	5.83E-09	1.42E-08	1.42E-08	0.00E+00	6.27E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	1,1,2,2-Tetrachloroethane	9.33E-06	9.33E-06	9.63E-06	1.30E-05	1.81E-05	1.88E-05	3.98E-05	3.98E-05	4.89E-06	1.32E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Johnson County	29101	R	Trichloroethylene	8.15E-02	8.15E-02	8.59E-02	9.16E-02	9.05E-02	9.42E-02	9.94E-02	9.94E-02	6.07E-03	3.48E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Johnson County	29101	R	Vinyl Chloride	2.89E-05	2.89E-05	2.94E-05	3.49E-05	5.13E-05	5.70E-05	1.10E-04	1.10E-04	1.20E-05	3.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	Acetaldehyde	1.89E-02	1.89E-02	1.89E-02	2.38E-02	2.38E-02	2.87E-02	2.87E-02	2.87E-02	6.60E-07	1.78E-03	6.46E-03	1.56E-02	0.00E+00
Missouri	Knox County	29103	R	Acrolein	2.65E-03	2.65E-03	2.65E-03	3.40E-03	3.40E-03	4.15E-03	4.15E-03	4.15E-03	1.18E-07	1.28E-03	1.32E-03	7.98E-04	0.00E+00
Missouri	Knox County	29103	R	Acrylonitrile	2.56E-05	2.56E-05	2.56E-05	2.94E-05	2.94E-05	3.32E-05	3.32E-05	3.32E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	Arsenic Compounds	3.50E-06	3.50E-06	3.50E-06	4.64E-06	4.64E-06	5.77E-06	5.77E-06	5.77E-06	1.63E-07	1.76E-07	1.60E-06	2.70E-06	0.00E+00
Missouri	Knox County	29103	R	Benzene	5.01E-01	5.01E-01	5.01E-01	5.11E-01	5.11E-01	5.20E-01	5.20E-01	5.20E-01	6.39E-07	8.73E-03	1.63E-02	5.77E-03	4.80E-01
Missouri	Knox County	29103	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
Missouri	Knox County	29103	R	Beryllium Compounds	3.67E-07	3.67E-07	3.67E-07	1.15E-06	1.15E-06	1.94E-06	1.94E-06	1.94E-06	8.64E-09	4.51E-08	0.00E+00	1.10E-06	0.00E+00
Missouri	Knox County	29103	R	1,3-Butadiene	8.68E-04	8.68E-04	8.68E-04	1.66E-03	1.66E-03	2.46E-03	2.46E-03	2.46E-03	0.00E+00	2.95E-04	9.50E-04	4.18E-04	0.00E+00
Missouri	Knox County	29103	R	Cadmium Compounds	4.36E-07	4.36E-07	4.36E-07	1.22E-06	1.22E-06	2.01E-06	2.01E-06	2.01E-06	2.17E-08	1.07E-07	0.00E+00	1.10E-06	0.00E+00
Missouri	Knox County	29103	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	6.39E-08	3.32E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Knox County	29103	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	9.27E-06	0.00E+00	0.00E+00	8.80E-01
Missouri	Knox County	29103	R	Chloroform	8.37E-02	8.37E-02	8.37E-02	8.43E-02	8.43E-02	8.48E-02	8.48E-02	8.48E-02	0.00E+00	1.25E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Knox County	29103	R	Chromium Compounds (includes Hexavalent)	1.01E-06	1.01E-06	1.01E-06	1.47E-06	1.47E-06	1.94E-06	1.94E-06	1.94E-06	1.08E-07	1.23E-07	9.33E-07	3.06E-07	0.00E+00
Missouri	Knox County	29103	R	Chromium VI	4.36E-07	4.36E-07	4.36E-07	6.01E-07	6.01E-07	7.67E-07	7.67E-07	7.67E-07	6.06E-08	5.71E-08	3.80E-07	1.04E-07	0.00E+00
Missouri	Knox County	29103	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
Missouri	Knox County	29103	R	1,4-Dichlorobenzene	4.35E-04	4.35E-04	4.35E-04	6.87E-04	6.87E-04	9.38E-04	9.38E-04	9.38E-04	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	1,3-Dichloropropene	8.30E-04	8.30E-04	8.30E-04	1.34E-03	1.34E-03	1.85E-03	1.85E-03	1.85E-03	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	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	8.30E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Knox County	29103	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	1.96E-08	4.21E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Knox County	29103	R	Ethylene Oxide	6.27E-06	6.27E-06	6.27E-06	9.67E-06	9.67E-06	1.31E-05	1.31E-05	1.31E-05	0.00E+00	9.67E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	Formaldehyde	2.78E-01	2.78E-01	2.78E-01	2.86E-01	2.86E-01	2.94E-01	2.94E-01	2.94E-01	1.20E-07	5.26E-03	7.53E-03	2.35E-02	2.50E-01
Missouri	Knox County	29103	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	1.34E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Knox County	29103	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	4.57E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Knox County	29103	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
Missouri	Knox County	29103	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	4.10E-12	4.10E-12	8.19E-12	8.19E-12	8.19E-12	0.00E+00	4.10E-12	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	Lead Compounds	1.10E-05	1.10E-05	1.10E-05	1.77E-05	1.77E-05	2.44E-05	2.44E-05	2.44E-05	1.77E-07	7.89E-06	0.00E+00	9.63E-06	0.00E+00
Missouri	Knox County	29103	R	Manganese Compounds	1.13E-06	1.13E-06	1.13E-06	1.31E-06	1.31E-06	1.50E-06	1.50E-06	1.50E-06	2.01E-07	5.20E-07	2.93E-07	2.97E-07	0.00E+00
Missouri	Knox County	29103	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	4.09E-08	1.80E-07	1.87E-06	3.55E-06	1.50E-03
Missouri	Knox County	29103	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.54E-01	1.34E-07	2.74E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Knox County	29103	R	Nickel Compounds	2.68E-06	2.68E-06	2.68E-06	3.66E-06	3.66E-06	4.64E-06	4.64E-06	4.64E-06	1.11E-07	2.07E-06	7.50E-07	7.24E-07	0.00E+00
Missouri	Knox County	29103	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	1.99E-08	1.94E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Knox County	29103	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.83E-04	3.87E-04	3.87E-04	3.90E-04	3.90E-04	3.90E-04	0.00E+00	6.91E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Knox County	29103	R	Polycyclic Organic Matter	1.36E-03	1.36E-03	1.36E-03	2.01E-03	2.01E-03	2.66E-03	2.66E-03	2.66E-03	8.86E-09	1.41E-03	3.35E-04	2.71E-04	0.00E+00
Missouri	Knox County	29103	R	7-PAH	8.84E-05	8.84E-05	8.84E-05	1.23E-04	1.23E-04	1.57E-04	1.57E-04	1.57E-04	1.81E-10	1.17E-04	2.41E-06	3.14E-06	0.00E+00
Missouri	Knox County	29103	R	Propylene Dichloride	9.23E-07	9.23E-07	9.23E-07	9.65E-07	9.65E-07	1.01E-06	1.01E-06	1.01E-06	0.00E+00	9.65E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.04E-10	1.04E-10	2.08E-10	2.08E-10	2.08E-10	0.00E+00	1.04E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	1,1,2,2-Tetrachloroethane	8.14E-06	8.14E-06	8.14E-06	9.17E-06	9.17E-06	1.02E-05	1.02E-05	1.02E-05	0.00E+00	9.17E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Knox County	29103	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	2.13E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Knox County	29103	R	Vinyl Chloride	2.81E-05	2.81E-05	2.81E-05	3.41E-05	3.41E-05	4.01E-05	4.01E-05	4.01E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	Acetaldehyde	2.79E-02	2.79E-02	4.01E-02	8.99E-02	8.69E-02	1.30E-01	1.44E-01	1.44E-01	0.00E+00	6.74E-03	6.94E-02	1.08E-02	0.00E+00
Missouri	Laclede County	29105	R	Acrolein	6.75E-03	6.75E-03	9.15E-03	2.30E-02	1.92E-02	2.64E-02	2.67E-02	2.67E-02	0.00E+00	5.71E-03	1.18E-02	1.70E-03	0.00E+00
Missouri	Laclede County	29105	R	Acrylonitrile	1.28E-05	1.28E-05	2.03E-05	8.04E-05	6.57E-05	9.99E-05	1.00E-04	1.00E-04	0.00E+00	6.57E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	Arsenic Compounds	5.28E-06	5.28E-06	8.58E-06	3.81E-05	3.36E-05	5.57E-05	5.62E-05	5.62E-05	0.00E+00	7.29E-06	2.21E-05	4.30E-06	0.00E+00
Missouri	Laclede County	29105	R	Benzene	5.40E-01	5.40E-01	5.75E-01	8.68E-01	8.17E-01	1.02E+00	1.03E+00	1.03E+00	0.00E+00	7.24E-02	2.32E-01	3.23E-02	4.80E-01
Missouri	Laclede County	29105	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
Missouri	Laclede County	29105	R	Beryllium Compounds	1.43E-07	1.43E-07	4.35E-07	2.73E-06	2.06E-06	3.15E-06	3.16E-06	3.16E-06	0.00E+00	1.41E-06	0.00E+00	6.51E-07	0.00E+00
Missouri	Laclede County	29105	R	1,3-Butadiene	3.06E-03	3.06E-03	4.70E-03	2.56E-02	2.44E-02	4.37E-02	4.38E-02	4.38E-02	0.00E+00	1.35E-03	2.00E-02	3.03E-03	0.00E+00
Missouri	Laclede County	29105	R	Cadmium Compounds	2.62E-07	2.62E-07	6.81E-07	4.55E-06	3.58E-06	5.66E-06	5.78E-06	5.78E-06	0.00E+00	2.93E-06	0.00E+00	6.50E-07	0.00E+00
Missouri	Laclede County	29105	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.77E-02	4.76E-02	4.79E-02	4.80E-02	4.80E-02	0.00E+00	5.67E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Laclede County	29105	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	1.48E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Laclede County	29105	R	Chloroform	8.33E-02	8.33E-02	8.37E-02	8.68E-02	8.61E-02	8.74E-02	8.84E-02	8.84E-02	0.00E+00	3.10E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Laclede County	29105	R	Chromium Compounds (includes Hexavalent)	1.10E-04	1.10E-04	3.41E-04	1.49E-03	4.80E-03	1.97E-03	2.34E-02	2.34E-02	1.62E-05	4.77E-03	1.45E-05	5.25E-07	0.00E+00
Missouri	Laclede County	29105	R	Chromium VI	7.75E-05	7.75E-05	3.11E-04	1.37E-03	4.53E-03	1.84E-03	2.22E-02	2.22E-02	5.51E-06	4.52E-03	5.77E-06	1.79E-07	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Laclede County	29105	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
Missouri	Laclede County	29105	R	1,4-Dichlorobenzene	9.23E-04	9.23E-04	1.76E-03	1.01E-02	7.88E-03	1.09E-02	1.34E-02	1.34E-02	0.00E+00	7.88E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	1,3-Dichloropropene	1.78E-03	1.78E-03	3.48E-03	2.05E-02	1.59E-02	2.21E-02	2.72E-02	2.72E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	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	1.86E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Laclede County	29105	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	5.42E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Laclede County	29105	R	Ethylene Oxide	4.93E-06	4.93E-06	5.99E-06	3.34E-05	2.97E-05	4.51E-05	5.57E-05	5.57E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	Formaldehyde	2.86E-01	2.86E-01	3.00E-01	4.00E-01	3.86E-01	4.63E-01	4.68E-01	4.68E-01	2.22E-05	1.98E-02	9.41E-02	2.22E-02	2.50E-01
Missouri	Laclede County	29105	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.39E-05	9.37E-05	9.41E-05	9.43E-05	9.43E-05	0.00E+00	7.42E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Laclede County	29105	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	8.26E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Laclede County	29105	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	1.50E-05	1.60E-05	3.12E-05	3.47E-05	3.47E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	Hydrazine	3.32E-11	3.32E-11	9.79E-10	3.01E-09	4.27E-09	4.02E-09	1.46E-08	1.46E-08	0.00E+00	4.27E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	Lead Compounds	2.52E-05	2.52E-05	8.17E-05	4.07E-04	5.59E-04	5.19E-04	1.92E-03	1.92E-03	0.00E+00	4.70E-05	0.00E+00	5.12E-04	0.00E+00
Missouri	Laclede County	29105	R	Manganese Compounds	2.09E-04	2.09E-04	9.94E-04	4.47E-03	1.48E-02	5.95E-03	7.28E-02	7.28E-02	9.16E-06	1.48E-02	4.76E-06	4.53E-07	0.00E+00
Missouri	Laclede County	29105	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.54E-03	1.53E-03	1.55E-03	1.55E-03	1.55E-03	0.00E+00	2.98E-06	2.46E-05	4.13E-06	1.50E-03
Missouri	Laclede County	29105	R	Methylene Chloride	1.58E-01	1.58E-01	1.62E-01	2.18E-01	2.08E-01	2.30E-01	2.63E-01	2.63E-01	4.99E-03	5.34E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Laclede County	29105	R	Nickel Compounds	8.79E-05	8.79E-05	4.11E-04	2.20E-03	6.43E-03	2.55E-03	3.11E-02	3.11E-02	8.45E-06	6.41E-03	1.11E-05	8.12E-07	0.00E+00
Missouri	Laclede County	29105	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.49E-01	1.48E-01	1.51E-01	1.53E-01	1.53E-01	0.00E+00	7.61E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Laclede County	29105	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.92E-04	4.88E-04	4.67E-04	5.06E-04	5.41E-04	5.41E-04	0.00E+00	8.66E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Laclede County	29105	R	Polycyclic Organic Matter	3.36E-03	3.36E-03	5.35E-03	2.24E-02	1.76E-02	2.59E-02	2.63E-02	2.63E-02	0.00E+00	1.22E-02	4.85E-03	6.02E-04	0.00E+00
Missouri	Laclede County	29105	R	7-PAH	2.23E-04	2.23E-04	3.07E-04	1.06E-03	8.58E-04	1.17E-03	1.33E-03	1.33E-03	0.00E+00	8.17E-04	3.49E-05	6.33E-06	0.00E+00
Missouri	Laclede County	29105	R	Propylene Dichloride	6.49E-07	6.49E-07	1.06E-06	3.11E-06	2.57E-06	3.70E-06	3.76E-06	3.76E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	Quinoline	9.24E-10	9.24E-10	6.17E-09	1.20E-08	1.46E-08	1.42E-08	4.24E-08	4.24E-08	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	1,1,2,2-Tetrachloroethane	3.85E-06	3.85E-06	5.37E-06	7.85E-06	7.57E-06	1.02E-05	1.02E-05	1.02E-05	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Laclede County	29105	R	Trichloroethylene	8.12E-02	8.12E-02	8.17E-02	8.94E-02	8.82E-02	9.26E-02	9.52E-02	9.52E-02	0.00E+00	7.25E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Laclede County	29105	R	Vinyl Chloride	1.01E-05	1.01E-05	1.46E-05	2.91E-05	2.57E-05	3.54E-05	3.59E-05	3.59E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	Acetaldehyde	3.09E-02	3.09E-02	5.15E-02	6.74E-02	7.51E-02	1.14E-01	1.19E-01	1.19E-01	3.04E-03	3.75E-03	5.06E-02	1.77E-02	0.00E+00
Missouri	Lafayette County	29107	U	Acrolein	5.18E-03	5.18E-03	8.69E-03	9.16E-03	1.14E-02	1.75E-02	1.88E-02	1.88E-02	7.84E-07	1.12E-03	8.53E-03	1.77E-03	0.00E+00
Missouri	Lafayette County	29107	U	Acrylonitrile	1.37E-05	1.37E-05	1.40E-05	7.26E-05	8.62E-05	1.65E-04	1.79E-04	1.79E-04	5.30E-05	3.32E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	Arsenic Compounds	6.50E-06	6.50E-06	1.32E-05	1.33E-05	1.47E-05	1.95E-05	2.24E-05	2.24E-05	1.51E-06	1.66E-06	8.15E-06	3.40E-06	0.00E+00
Missouri	Lafayette County	29107	U	Benzene	5.39E-01	5.39E-01	5.82E-01	5.97E-01	6.12E-01	6.79E-01	6.80E-01	6.80E-01	3.60E-04	2.13E-02	9.09E-02	1.97E-02	4.80E-01
Missouri	Lafayette County	29107	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
Missouri	Lafayette County	29107	U	Beryllium Compounds	3.98E-07	3.98E-07	9.67E-07	1.32E-06	1.40E-06	1.75E-06	2.67E-06	2.67E-06	7.83E-08	5.46E-07	0.00E+00	7.79E-07	0.00E+00
Missouri	Lafayette County	29107	U	1,3-Butadiene	2.56E-03	2.56E-03	3.66E-03	6.15E-03	5.63E-03	7.42E-03	7.84E-03	7.84E-03	0.00E+00	1.22E-04	4.40E-03	1.11E-03	0.00E+00
Missouri	Lafayette County	29107	U	Cadmium Compounds	6.57E-07	6.57E-07	1.15E-06	1.65E-06	1.73E-06	2.23E-06	3.04E-06	3.04E-06	1.93E-07	7.33E-07	0.00E+00	8.01E-07	0.00E+00
Missouri	Lafayette County	29107	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.73E-02	4.73E-02	7.51E-06	1.57E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Lafayette County	29107	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	9.70E-08	3.51E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Lafayette County	29107	U	Chloroform	8.38E-02	8.38E-02	8.43E-02	8.47E-02	8.51E-02	8.63E-02	8.65E-02	8.65E-02	5.65E-07	2.06E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Lafayette County	29107	U	Chromium Compounds (includes Hexavalent)	6.45E-06	6.45E-06	7.58E-06	1.09E-05	1.47E-05	2.23E-05	2.99E-05	2.99E-05	9.75E-07	7.74E-06	5.48E-06	4.56E-07	0.00E+00
Missouri	Lafayette County	29107	U	Chromium VI	1.76E-06	1.76E-06	2.89E-06	4.91E-06	6.20E-06	1.02E-05	1.25E-05	1.25E-05	1.10E-07	3.75E-06	2.18E-06	1.55E-07	0.00E+00
Missouri	Lafayette County	29107	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
Missouri	Lafayette County	29107	U	1,4-Dichlorobenzene	9.30E-04	9.30E-04	1.94E-03	2.48E-03	2.88E-03	4.38E-03	5.07E-03	5.07E-03	4.87E-06	2.87E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	1,3-Dichloropropene	1.80E-03	1.80E-03	3.77E-03	4.78E-03	5.51E-03	8.20E-03	9.71E-03	9.71E-03	0.00E+00	5.51E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	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	2.96E-08	1.44E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Lafayette County	29107	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	6.57E-06	4.31E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Lafayette County	29107	U	Ethylene Oxide	1.42E-05	1.42E-05	3.01E-05	6.43E-05	6.43E-05	8.78E-05	1.25E-04	1.25E-04	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	Formaldehyde	3.02E-01	3.02E-01	3.11E-01	3.39E-01	3.40E-01	3.72E-01	3.75E-01	3.75E-01	8.76E-03	6.50E-03	4.65E-02	2.79E-02	2.50E-01
Missouri	Lafayette County	29107	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.65E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Lafayette County	29107	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	1.55E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Lafayette County	29107	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	3.59E-05	6.21E-05	6.21E-05	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	Hydrazine	1.24E-10	1.24E-10	1.32E-10	4.75E-10	1.12E-07	2.11E-07	4.60E-07	4.60E-07	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	Lead Compounds	2.29E-05	2.29E-05	5.01E-05	5.88E-05	6.20E-05	7.67E-05	1.05E-04	1.05E-04	1.58E-06	2.80E-05	0.00E+00	3.24E-05	0.00E+00
Missouri	Lafayette County	29107	U	Manganese Compounds	2.67E-06	2.67E-06	5.74E-06	3.55E-05	4.59E-05	7.23E-05	1.23E-04	1.23E-04	1.85E-06	4.17E-05	1.69E-06	5.91E-07	0.00E+00
Missouri	Lafayette County	29107	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	9.37E-09	1.18E-06	9.14E-06	3.87E-06	1.50E-03
Missouri	Lafayette County	29107	U	Methylene Chloride	1.56E-01	1.56E-01	1.63E-01	1.66E-01	1.66E-01	1.72E-01	1.72E-01	1.72E-01	1.86E-04	1.55E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Lafayette County	29107	U	Nickel Compounds	1.39E-05	1.39E-05	1.58E-05	2.02E-05	2.43E-05	3.23E-05	4.35E-05	4.35E-05	1.25E-06	1.23E-05	4.08E-06	6.67E-06	0.00E+00
Missouri	Lafayette County	29107	U	Perchloroethylene	1.41E-01	1.41E-01	1.43E-01	1.44E-01	1.44E-01	1.45E-01	1.45E-01	1.45E-01	2.54E-04	3.60E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Lafayette County	29107	U	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.92E-04	3.92E-04	3.92E-04	3.95E-04	3.96E-04	3.96E-04	0.00E+00	1.25E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Lafayette County	29107	U	Polycyclic Organic Matter	2.61E-03	2.61E-03	5.25E-03	5.79E-03	7.00E-03	1.10E-02	1.15E-02	1.15E-02	2.65E-05	4.78E-03	1.82E-03	3.72E-04	0.00E+00
Missouri	Lafayette County	29107	U	7-PAH	1.16E-04	1.16E-04	2.02E-04	2.25E-04	2.67E-04	4.04E-04	4.31E-04	4.31E-04	1.53E-09	2.47E-04	1.34E-05	6.18E-06	0.00E+00
Missouri	Lafayette County	29107	U	Propylene Dichloride	5.95E-07	5.95E-07	7.35E-07	4.06E-06	4.86E-06	9.35E-06	1.03E-05	1.03E-05	3.21E-06	1.65E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	Quinoline	3.62E-09	3.62E-09	4.12E-09	7.85E-09	8.95E-09	1.11E-08	1.92E-08	1.92E-08	0.00E+00	8.95E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	1,1,2,2-Tetrachloroethane	2.27E-06	2.27E-06	3.66E-06	3.11E-05	4.17E-05	8.32E-05	9.89E-05	9.89E-05	2.94E-05	1.23E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lafayette County	29107	U	Trichloroethylene	8.13E-02	8.13E-02	8.16E-02	8.21E-02	8.36E-02	8.26E-02	9.21E-02	9.21E-02	1.77E-03	8.42E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Lafayette County	29107	U	Vinyl Chloride	7.37E-06	7.37E-06	1.26E-05	8.60E-05	1.04E-04	2.04E-04	2.28E-04	2.28E-04	7.23E-05	3.16E-05	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Lawrence County	29109	R	Acetaldehyde	5.69E-02	5.69E-02	6.52E-02	6.96E-02	7.81E-02	7.37E-02	1.33E-01	1.33E-01	1.58E-02	2.08E-03	5.15E-02	8.75E-03	0.00E+00
Missouri	Lawrence County	29109	R	Acrolein	9.85E-03	9.85E-03	1.12E-02	1.36E-02	1.34E-02	1.60E-02	1.62E-02	1.62E-02	2.64E-06	2.90E-03	8.69E-03	1.84E-03	0.00E+00
Missouri	Lawrence County	29109	R	Acrylonitrile	4.72E-05	4.72E-05	5.13E-05	6.03E-05	7.96E-05	1.06E-04	1.53E-04	1.53E-04	0.00E+00	7.96E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	R	Arsenic Compounds	1.57E-05	1.57E-05	1.64E-05	1.82E-05	2.04E-05	2.43E-05	2.97E-05	2.97E-05	5.02E-06	1.72E-06	1.11E-05	2.55E-06	0.00E+00
Missouri	Lawrence County	29109	R	Benzene	5.91E-01	5.91E-01	6.08E-01	6.42E-01	6.58E-01	7.23E-01	7.43E-01	7.43E-01	4.13E-03	3.81E-02	1.16E-01	2.02E-02	4.80E-01
Missouri	Lawrence County	29109	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
Missouri	Lawrence County	29109	R	Beryllium Compounds	1.05E-06	1.05E-06	1.14E-06	1.65E-06	1.83E-06	2.74E-06	2.75E-06	2.75E-06	7.83E-07	4.03E-07	0.00E+00	6.45E-07	0.00E+00
Missouri	Lawrence County	29109	R	1,3-Butadiene	3.58E-03	3.58E-03	4.38E-03	7.46E-03	8.64E-03	1.43E-02	1.47E-02	1.47E-02	0.00E+00	3.31E-04	7.26E-03	1.05E-03	0.00E+00
Missouri	Lawrence County	29109	R	Cadmium Compounds	1.67E-06	1.67E-06	1.95E-06	2.42E-06	2.65E-06	3.50E-06	3.94E-06	3.94E-06	1.13E-06	8.72E-07	0.00E+00	6.43E-07	0.00E+00
Missouri	Lawrence County	29109	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.75E-02	4.77E-02	4.77E-02	1.53E-06	3.06E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Lawrence County	29109	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.13E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Lawrence County	29109	R	Chloroform	8.36E-02	8.36E-02	8.37E-02	8.40E-02	8.41E-02	8.45E-02	8.49E-02	8.49E-02	0.00E+00	1.12E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Lawrence County	29109	R	Chromium Compounds (includes Hexavalent)	9.63E-05	9.63E-05	1.00E-03	1.86E-03	2.64E-03	4.03E-03	7.02E-03	7.02E-03	2.59E-03	4.79E-05	7.26E-06	3.45E-07	0.00E+00
Missouri	Lawrence County	29109	R	Chromium VI	3.24E-05	3.24E-05	3.40E-04	6.32E-04	8.99E-04	1.37E-03	2.39E-03	2.39E-03	8.80E-04	1.65E-05	2.89E-06	1.17E-07	0.00E+00
Missouri	Lawrence County	29109	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
Missouri	Lawrence County	29109	R	1,4-Dichlorobenzene	2.09E-03	2.09E-03	2.15E-03	3.54E-03	4.94E-03	5.50E-03	1.28E-02	1.28E-02	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	R	1,3-Dichloropropene	3.96E-03	3.96E-03	4.14E-03	6.89E-03	9.77E-03	1.10E-02	2.58E-02	2.58E-02	0.00E+00	9.77E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	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	2.96E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Lawrence County	29109	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	4.70E-07	8.29E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Lawrence County	29109	R	Ethylene Oxide	2.73E-04	2.73E-04	8.80E-04	1.46E-03	1.68E-03	2.62E-03	3.37E-03	3.37E-03	1.50E-03	1.78E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	R	Formaldehyde	3.58E-01	3.58E-01	3.74E-01	3.91E-01	4.45E-01	4.61E-01	6.94E-01	6.94E-01	1.17E-01	8.06E-03	5.41E-02	1.61E-02	2.50E-01
Missouri	Lawrence County	29109	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.39E-05	9.39E-05	0.00E+00	3.45E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Lawrence County	29109	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	4.42E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Lawrence County	29109	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
Missouri	Lawrence County	29109	R	Hydrazine	1.01E-10	1.01E-10	1.75E-10	1.99E-10	4.92E-10	2.82E-10	2.00E-09	2.00E-09	0.00E+00	4.92E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	R	Lead Compounds	4.16E-05	4.16E-05	1.05E-04	1.27E-04	2.70E-04	1.52E-04	1.07E-03	1.07E-03	7.22E-06	1.84E-05	0.00E+00	2.45E-04	0.00E+00
Missouri	Lawrence County	29109	R	Manganese Compounds	1.35E-05	1.35E-05	1.53E-05	2.87E-05	3.33E-05	5.32E-05	6.01E-05	6.01E-05	6.77E-06	2.39E-05	2.32E-06	2.82E-07	0.00E+00
Missouri	Lawrence County	29109	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	8.49E-07	4.16E-06	1.26E-05	2.82E-06	1.50E-03
Missouri	Lawrence County	29109	R	Methylene Chloride	1.58E-01	1.58E-01	1.77E-01	2.04E-01	2.01E-01	2.14E-01	2.50E-01	2.50E-01	2.84E-02	2.28E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Lawrence County	29109	R	Nickel Compounds	2.42E-05	2.42E-05	6.78E-05	8.24E-05	9.18E-05	1.32E-04	1.62E-04	1.62E-04	2.87E-06	8.30E-05	5.47E-06	5.09E-07	0.00E+00
Missouri	Lawrence County	29109	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.45E-01	1.45E-01	1.48E-01	1.48E-01	1.48E-01	4.66E-07	5.49E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Lawrence County	29109	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.95E-04	4.01E-04	4.17E-04	4.25E-04	4.88E-04	4.88E-04	0.00E+00	3.71E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Lawrence County	29109	R	Polycyclic Organic Matter	6.36E-03	6.36E-03	6.83E-03	9.84E-03	1.06E-02	1.16E-02	1.93E-02	1.93E-02	3.09E-04	7.53E-03	2.42E-03	3.74E-04	0.00E+00
Missouri	Lawrence County	29109	R	7-PAH	2.67E-04	2.67E-04	3.25E-04	4.01E-04	4.70E-04	5.51E-04	8.74E-04	8.74E-04	4.51E-09	4.47E-04	1.76E-05	5.29E-06	0.00E+00
Missouri	Lawrence County	29109	R	Propylene Dichloride	2.18E-06	2.18E-06	2.50E-06	3.01E-06	3.93E-06	4.46E-06	8.44E-06	8.44E-06	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	R	Quinoline	2.87E-09	2.87E-09	4.55E-09	4.81E-09	6.40E-09	6.66E-09	1.47E-08	1.47E-08	0.00E+00	6.40E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	R	1,1,2,2-Tetrachloroethane	7.16E-06	7.16E-06	1.30E-05	1.99E-05	2.49E-05	2.64E-05	6.29E-05	6.29E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lawrence County	29109	R	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.20E-02	8.28E-02	8.39E-02	8.56E-02	8.56E-02	0.00E+00	1.80E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Lawrence County	29109	R	Vinyl Chloride	2.34E-05	2.34E-05	5.08E-05	5.60E-05	7.28E-05	6.96E-05	1.81E-04	1.81E-04	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	R	Acetaldehyde	1.90E-02	1.90E-02	2.42E-02	3.36E-02	3.17E-02	3.92E-02	4.06E-02	4.06E-02	7.91E-06	1.94E-03	1.37E-02	1.60E-02	0.00E+00
Missouri	Lewis County	29111	R	Acrolein	3.25E-03	3.25E-03	3.97E-03	5.10E-03	4.80E-03	5.63E-03	5.75E-03	5.75E-03	2.44E-06	1.38E-03	2.22E-03	1.20E-03	0.00E+00
Missouri	Lewis County	29111	R	Acrylonitrile	3.65E-05	3.65E-05	3.91E-05	5.83E-05	9.64E-05	1.54E-04	2.33E-04	2.33E-04	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	R	Arsenic Compounds	8.85E-06	8.85E-06	1.16E-05	1.46E-05	1.58E-05	2.01E-05	2.53E-05	2.53E-05	6.80E-06	4.10E-06	2.22E-06	2.71E-06	0.00E+00
Missouri	Lewis County	29111	R	Benzene	5.08E-01	5.08E-01	5.17E-01	5.36E-01	5.32E-01	5.46E-01	5.47E-01	5.47E-01	7.97E-05	1.19E-02	2.34E-02	1.63E-02	4.80E-01
Missouri	Lewis County	29111	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
Missouri	Lewis County	29111	R	Beryllium Compounds	3.55E-07	3.55E-07	4.08E-07	7.13E-07	7.24E-07	1.04E-06	1.12E-06	1.12E-06	2.73E-07	9.20E-08	0.00E+00	3.59E-07	0.00E+00
Missouri	Lewis County	29111	R	1,3-Butadiene	1.08E-03	1.08E-03	1.61E-03	2.26E-03	2.21E-03	2.82E-03	3.26E-03	3.26E-03	0.00E+00	3.23E-04	1.10E-03	7.93E-04	0.00E+00
Missouri	Lewis County	29111	R	Cadmium Compounds	5.03E-05	5.03E-05	6.50E-05	8.20E-05	9.44E-05	1.24E-04	1.63E-04	1.63E-04	9.33E-05	6.65E-07	0.00E+00	4.13E-07	0.00E+00
Missouri	Lewis County	29111	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	3.30E-07	1.14E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Lewis County	29111	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	8.68E-07	1.86E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Lewis County	29111	R	Chloroform	8.37E-02	8.37E-02	8.38E-02	8.43E-02	8.43E-02	8.48E-02	8.50E-02	8.50E-02	8.24E-07	1.33E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Lewis County	29111	R	Chromium Compounds (includes Hexavalent)	1.38E-05	1.38E-05	1.99E-05	3.26E-05	4.00E-05	6.00E-05	8.09E-05	8.09E-05	2.95E-05	8.65E-06	1.42E-06	4.15E-07	0.00E+00
Missouri	Lewis County	29111	R	Chromium VI	5.14E-06	5.14E-06	7.45E-06	1.62E-05	1.93E-05	3.11E-05	3.95E-05	3.95E-05	1.10E-05	7.61E-06	5.81E-07	1.41E-07	0.00E+00
Missouri	Lewis County	29111	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
Missouri	Lewis County	29111	R	1,4-Dichlorobenzene	7.13E-04	7.13E-04	8.32E-04	1.31E-03	1.36E-03	1.89E-03	2.12E-03	2.12E-03	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	R	1,3-Dichloropropene	1.35E-03	1.35E-03	1.57E-03	2.50E-03	2.64E-03	3.71E-03	4.20E-03	4.20E-03	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	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	7.29E-08	5.14E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Lewis County	29111	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	1.01E-07	1.28E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Lewis County	29111	R	Ethylene Oxide	5.79E-05	5.79E-05	8.34E-05	1.09E-04	1.36E-04	1.89E-04	2.69E-04	2.69E-04	1.11E-04	2.49E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	R	Formaldehyde	2.79E-01	2.79E-01	2.84E-01	2.94E-01	2.92E-01	3.00E-01	3.00E-01	3.00E-01	1.23E-04	5.59E-03	1.21E-02	2.39E-02	2.50E-01
Missouri	Lewis County	29111	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	1.27E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Lewis County	29111	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	8.92E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Lewis County	29111	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
Missouri	Lewis County	29111	R	Hydrazine	1.62E-10	1.62E-10	2.96E-10	5.13E-10	5.72E-10	8.49E-10	1.10E-09	1.10E-09	0.00E+00	5.72E-10	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Lewis County	29111	R	Lead Compounds	3.75E-04	3.75E-04	4.75E-04	6.17E-04	7.68E-04	1.06E-03	1.47E-03	1.47E-03	2.99E-04	4.59E-04	0.00E+00	1.07E-05	0.00E+00
Missouri	Lewis County	29111	R	Manganese Compounds	3.51E-03	3.51E-03	4.76E-03	6.02E-03	7.75E-03	1.08E-02	1.55E-02	1.55E-02	3.64E-05	7.72E-03	4.11E-07	7.65E-07	0.00E+00
Missouri	Lewis County	29111	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	2.05E-05	8.87E-07	2.54E-06	2.84E-06	1.50E-03
Missouri	Lewis County	29111	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.55E-01	1.56E-01	1.58E-01	1.60E-01	1.60E-01	1.05E-05	5.83E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Lewis County	29111	R	Nickel Compounds	3.98E-05	3.98E-05	5.05E-05	8.14E-05	9.20E-05	1.33E-04	1.65E-04	1.65E-04	4.24E-05	3.54E-05	1.05E-06	1.31E-05	0.00E+00
Missouri	Lewis County	29111	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	6.91E-07	1.71E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Lewis County	29111	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	3.88E-04	3.89E-04	3.92E-04	3.94E-04	3.94E-04	0.00E+00	8.92E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Lewis County	29111	R	Polycyclic Organic Matter	3.27E-03	3.27E-03	4.31E-03	5.73E-03	6.48E-03	8.65E-03	1.12E-02	1.12E-02	3.96E-03	1.77E-03	4.92E-04	2.57E-04	0.00E+00
Missouri	Lewis County	29111	R	7-PAH	5.85E-04	5.85E-04	7.60E-04	9.50E-04	1.22E-03	1.68E-03	2.39E-03	2.39E-03	1.09E-03	1.17E-04	3.40E-06	5.83E-06	0.00E+00
Missouri	Lewis County	29111	R	Propylene Dichloride	1.15E-05	1.15E-05	1.42E-05	2.20E-05	2.46E-05	3.51E-05	4.29E-05	4.29E-05	2.00E-05	4.64E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	R	Quinoline	6.20E-09	6.20E-09	9.29E-09	1.26E-08	1.28E-08	1.63E-08	1.99E-08	1.99E-08	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	R	1,1,2,2-Tetrachloroethane	1.50E-05	1.50E-05	1.62E-05	2.24E-05	4.29E-05	6.96E-05	1.12E-04	1.12E-04	1.65E-06	4.12E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lewis County	29111	R	Trichloroethylene	8.38E-02	8.38E-02	8.38E-02	8.49E-02	8.57E-02	8.76E-02	8.93E-02	8.93E-02	1.08E-03	3.63E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Lewis County	29111	R	Vinyl Chloride	3.83E-05	3.83E-05	4.18E-05	6.88E-05	1.20E-04	1.99E-04	3.05E-04	3.05E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Acetaldehyde	6.04E-02	6.04E-02	7.68E-02	1.18E-01	1.31E-01	1.99E-01	2.01E-01	2.01E-01	9.09E-06	3.50E-03	9.94E-02	2.83E-02	0.00E+00
Missouri	Lincoln County	29113	U	Acrolein	1.28E-02	1.28E-02	1.39E-02	2.30E-02	2.17E-02	2.83E-02	3.04E-02	3.04E-02	3.16E-06	4.26E-03	1.36E-02	3.79E-03	0.00E+00
Missouri	Lincoln County	29113	U	Acrylonitrile	3.18E-05	3.18E-05	5.76E-05	5.84E-05	7.93E-05	8.97E-05	1.59E-04	1.59E-04	1.96E-05	5.97E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Arsenic Compounds	1.45E-05	1.45E-05	1.75E-05	3.02E-05	3.33E-05	4.54E-05	5.91E-05	5.91E-05	8.82E-06	3.43E-06	1.59E-05	5.17E-06	0.00E+00
Missouri	Lincoln County	29113	U	Benzene	6.05E-01	6.05E-01	6.35E-01	7.29E-01	7.30E-01	7.85E-01	8.97E-01	8.97E-01	9.56E-05	5.69E-02	1.52E-01	4.15E-02	4.80E-01
Missouri	Lincoln County	29113	U	Benzidine	0.00E+00	0.00E+00	8.64E-10	1.41E-09	1.51E-09	2.39E-09	2.91E-09	2.91E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Beryllium Compounds	4.65E-07	4.65E-07	1.37E-06	1.41E-06	1.70E-06	1.91E-06	3.36E-06	3.36E-06	2.92E-07	6.48E-07	0.00E+00	7.62E-07	0.00E+00
Missouri	Lincoln County	29113	U	1,3-Butadiene	4.55E-03	4.55E-03	6.32E-03	1.01E-02	1.15E-02	1.16E-02	2.48E-02	2.48E-02	7.24E-08	7.93E-04	8.66E-03	2.03E-03	0.00E+00
Missouri	Lincoln County	29113	U	Cadmium Compounds	5.28E-06	5.28E-06	6.43E-06	6.95E-06	7.24E-06	8.27E-06	9.27E-06	9.27E-06	5.16E-06	1.20E-06	0.00E+00	8.78E-07	0.00E+00
Missouri	Lincoln County	29113	U	Carbon Disulfide	4.73E-02	4.73E-02	4.74E-02	4.76E-02	4.76E-02	4.77E-02	4.78E-02	4.78E-02	2.45E-04	3.29E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Lincoln County	29113	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	3.56E-08	8.42E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Lincoln County	29113	U	Chloroform	8.42E-02	8.42E-02	8.44E-02	8.63E-02	8.58E-02	8.68E-02	8.73E-02	8.73E-02	2.24E-07	2.83E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Lincoln County	29113	U	Chromium Compounds (includes Hexavalent)	1.63E-05	1.63E-05	1.83E-05	3.46E-05	3.14E-05	4.03E-05	4.77E-05	4.77E-05	1.23E-05	7.75E-06	1.04E-05	9.74E-07	0.00E+00
Missouri	Lincoln County	29113	U	Chromium VI	4.87E-06	4.87E-06	5.08E-06	1.02E-05	8.81E-06	1.13E-05	1.26E-05	1.26E-05	1.63E-06	2.74E-06	4.12E-06	3.31E-07	0.00E+00
Missouri	Lincoln County	29113	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
Missouri	Lincoln County	29113	U	1,4-Dichlorobenzene	2.85E-03	2.85E-03	3.47E-03	7.22E-03	6.79E-03	7.48E-03	1.29E-02	1.29E-02	1.76E-06	6.79E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	1,3-Dichloropropene	5.46E-03	5.46E-03	6.58E-03	1.39E-02	1.32E-02	1.42E-02	2.58E-02	2.58E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.11E-08	3.69E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Lincoln County	29113	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	2.74E-06	5.91E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Lincoln County	29113	U	Ethylene Oxide	2.19E-05	2.19E-05	4.27E-05	1.45E-04	1.25E-04	1.90E-04	2.27E-04	2.27E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Formaldehyde	3.28E-01	3.28E-01	3.47E-01	3.91E-01	4.05E-01	4.72E-01	4.89E-01	4.89E-01	2.21E-06	1.41E-02	9.45E-02	4.68E-02	2.50E-01
Missouri	Lincoln County	29113	U	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.35E-05	9.34E-05	9.41E-05	9.41E-05	0.00E+00	4.77E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Lincoln County	29113	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	4.00E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Lincoln County	29113	U	Hexamethylene Diisocyanate	8.26E-10	8.26E-10	1.38E-09	1.61E-09	1.77E-07	2.32E-09	8.77E-07	8.77E-07	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Hydrazine	4.17E-10	4.17E-10	5.93E-10	7.71E-10	8.22E-10	1.09E-09	1.25E-09	1.25E-09	0.00E+00	8.22E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Lead Compounds	9.26E-05	9.26E-05	1.46E-04	2.86E-04	2.56E-04	3.25E-04	4.29E-04	4.29E-04	8.65E-05	2.13E-05	0.00E+00	1.48E-04	0.00E+00
Missouri	Lincoln County	29113	U	Manganese Compounds	5.85E-05	5.85E-05	8.66E-05	1.24E-04	1.31E-04	1.83E-04	2.01E-04	2.01E-04	1.02E-04	2.39E-05	3.25E-06	1.63E-06	0.00E+00
Missouri	Lincoln County	29113	U	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.70E-06	2.26E-06	1.82E-05	5.38E-06	1.50E-03
Missouri	Lincoln County	29113	U	Methylene Chloride	1.61E-01	1.61E-01	1.66E-01	1.85E-01	1.78E-01	1.86E-01	1.95E-01	1.95E-01	6.33E-04	2.79E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Lincoln County	29113	U	Nickel Compounds	2.98E-05	2.98E-05	7.09E-05	7.51E-05	7.77E-05	8.22E-05	1.31E-04	1.31E-04	1.05E-05	3.34E-05	7.82E-06	2.60E-05	0.00E+00
Missouri	Lincoln County	29113	U	Perchloroethylene	2.00E-01	2.00E-01	2.12E-01	2.16E-01	2.20E-01	2.33E-01	2.42E-01	2.42E-01	7.20E-02	8.25E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Lincoln County	29113	U	Polychlorinated Biphenyls	4.05E-04	4.05E-04	4.05E-04	4.16E-04	4.29E-04	4.22E-04	4.99E-04	4.99E-04	0.00E+00	4.94E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Lincoln County	29113	U	Polycyclic Organic Matter	7.42E-03	7.42E-03	8.63E-03	1.65E-02	1.55E-02	1.94E-02	2.53E-02	2.53E-02	3.85E-06	1.13E-02	3.41E-03	7.30E-04	0.00E+00
Missouri	Lincoln County	29113	U	7-PAH	4.16E-04	4.16E-04	4.22E-04	7.21E-04	7.34E-04	8.56E-04	1.25E-03	1.25E-03	8.72E-07	6.94E-04	2.57E-05	1.37E-05	0.00E+00
Missouri	Lincoln County	29113	U	Propylene Dichloride	1.75E-06	1.75E-06	2.36E-06	3.32E-06	4.20E-06	4.94E-06	8.63E-06	8.63E-06	1.17E-06	3.03E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Quinoline	1.36E-08	1.36E-08	1.83E-08	2.20E-08	2.15E-08	2.62E-08	2.73E-08	2.73E-08	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	1,1,2,2-Tetrachloroethane	8.69E-06	8.69E-06	1.24E-05	2.38E-05	2.89E-05	3.53E-05	6.40E-05	6.40E-05	1.06E-05	1.83E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Lincoln County	29113	U	Trichloroethylene	1.06E-01	1.06E-01	1.07E-01	1.14E-01	1.15E-01	1.23E-01	1.24E-01	1.24E-01	2.62E-02	7.53E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Lincoln County	29113	U	Vinyl Chloride	2.38E-05	2.38E-05	3.35E-05	6.32E-05	7.81E-05	9.70E-05	1.73E-04	1.73E-04	2.61E-05	5.20E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	Acetaldehyde	1.85E-02	1.85E-02	2.08E-02	3.74E-02	3.59E-02	3.83E-02	6.44E-02	6.44E-02	2.53E-07	3.39E-03	1.39E-02	1.85E-02	0.00E+00
Missouri	Linn County	29115	R	Acrolein	2.76E-03	2.76E-03	3.38E-03	4.85E-03	4.87E-03	4.90E-03	8.45E-03	8.45E-03	1.81E-08	1.25E-03	2.24E-03	1.38E-03	0.00E+00
Missouri	Linn County	29115	R	Acrylonitrile	1.65E-05	1.65E-05	2.43E-05	2.84E-05	3.46E-05	4.60E-05	5.77E-05	5.77E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	Arsenic Compounds	3.54E-06	3.54E-06	3.67E-06	6.62E-06	7.84E-06	7.82E-06	1.76E-05	1.76E-05	3.16E-08	1.36E-06	3.35E-06	3.10E-06	0.00E+00
Missouri	Linn County	29115	R	Benzene	5.06E-01	5.06E-01	5.09E-01	5.37E-01	5.44E-01	5.40E-01	6.30E-01	6.30E-01	1.15E-07	1.42E-02	3.80E-02	1.22E-02	4.80E-01
Missouri	Linn County	29115	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
Missouri	Linn County	29115	R	Beryllium Compounds	3.46E-07	3.46E-07	9.20E-07	2.08E-06	2.28E-06	2.34E-06	5.70E-06	5.70E-06	1.65E-09	2.68E-07	0.00E+00	2.01E-06	0.00E+00
Missouri	Linn County	29115	R	1,3-Butadiene	8.91E-04	8.91E-04	9.68E-04	3.13E-03	4.22E-03	3.73E-03	1.24E-02	1.24E-02	0.00E+00	2.21E-04	2.99E-03	1.00E-03	0.00E+00
Missouri	Linn County	29115	R	Cadmium Compounds	4.66E-07	4.66E-07	1.05E-06	2.36E-06	2.62E-06	2.63E-06	6.59E-06	6.59E-06	4.08E-09	6.08E-07	0.00E+00	2.01E-06	0.00E+00
Missouri	Linn County	29115	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.72E-02	4.75E-02	4.75E-02	1.15E-08	1.70E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Linn County	29115	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	3.30E-05	0.00E+00	0.00E+00	8.80E-01

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Linn County	29115	R	Chloroform	8.31E-02	8.31E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.37E-02	8.37E-02	0.00E+00	3.88E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Linn County	29115	R	Chromium Compounds (includes Hexavalent)	1.59E-06	1.59E-06	1.38E-05	1.91E-05	2.20E-05	3.66E-05	3.89E-05	3.89E-05	1.01E-05	9.22E-06	2.11E-06	5.97E-07	0.00E+00
Missouri	Linn County	29115	R	Chromium VI	9.39E-07	9.39E-07	2.87E-06	7.00E-06	1.07E-05	2.03E-05	2.24E-05	2.24E-05	1.11E-06	8.57E-06	8.19E-07	2.03E-07	0.00E+00
Missouri	Linn County	29115	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
Missouri	Linn County	29115	R	1,4-Dichlorobenzene	6.40E-04	6.40E-04	6.92E-04	1.90E-03	2.16E-03	1.92E-03	5.65E-03	5.65E-03	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	1,3-Dichloropropene	1.24E-03	1.24E-03	1.33E-03	3.81E-03	4.34E-03	3.86E-03	1.15E-02	1.15E-02	0.00E+00	4.34E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	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	2.68E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Linn County	29115	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.55E-09	3.40E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Linn County	29115	R	Ethylene Oxide	5.07E-06	5.07E-06	6.08E-06	8.52E-06	9.96E-06	8.68E-06	2.15E-05	2.15E-05	0.00E+00	9.96E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	Formaldehyde	2.75E-01	2.75E-01	2.78E-01	2.98E-01	3.00E-01	3.01E-01	3.45E-01	3.45E-01	2.22E-08	5.06E-03	1.67E-02	2.78E-02	2.50E-01
Missouri	Linn County	29115	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	0.00E+00	1.78E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Linn County	29115	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	1.78E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Linn County	29115	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
Missouri	Linn County	29115	R	Hydrazine	5.34E-11	5.34E-11	9.89E-11	1.74E-10	5.32E-09	3.62E-09	2.27E-08	2.27E-08	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	Lead Compounds	1.23E-05	1.23E-05	2.10E-05	2.17E-05	2.65E-05	2.54E-05	5.20E-05	5.20E-05	3.37E-06	8.12E-06	0.00E+00	1.50E-05	0.00E+00
Missouri	Linn County	29115	R	Manganese Compounds	1.72E-06	1.72E-06	3.69E-05	4.08E-05	3.80E-05	5.07E-05	5.97E-05	5.97E-05	3.38E-05	3.03E-06	7.02E-07	4.42E-07	0.00E+00
Missouri	Linn County	29115	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	7.43E-06	6.71E-07	3.78E-06	4.88E-06	1.50E-03
Missouri	Linn County	29115	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.59E-01	1.61E-01	1.60E-01	1.80E-01	1.80E-01	2.33E-08	1.06E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Linn County	29115	R	Nickel Compounds	5.69E-06	5.69E-06	7.49E-06	3.57E-05	4.70E-05	4.26E-05	1.43E-04	1.43E-04	2.16E-08	4.36E-05	1.58E-06	1.74E-06	0.00E+00
Missouri	Linn County	29115	R	Perchloroethylene	1.41E-01	1.41E-01	1.43E-01	1.45E-01	1.45E-01	1.46E-01	1.51E-01	1.51E-01	3.45E-09	5.36E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Linn County	29115	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.91E-04	3.93E-04	3.91E-04	4.16E-04	4.16E-04	0.00E+00	1.28E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Linn County	29115	R	Polycyclic Organic Matter	1.81E-03	1.81E-03	2.24E-03	3.76E-03	4.34E-03	4.23E-03	9.65E-03	9.65E-03	1.60E-09	3.10E-03	7.55E-04	4.81E-04	0.00E+00
Missouri	Linn County	29115	R	7-PAH	9.95E-05	9.95E-05	1.23E-04	1.52E-04	1.84E-04	1.97E-04	3.47E-04	3.47E-04	3.27E-11	1.72E-04	5.23E-06	6.14E-06	0.00E+00
Missouri	Linn County	29115	R	Propylene Dichloride	9.52E-07	9.52E-07	1.41E-06	1.50E-06	1.90E-06	2.64E-06	2.98E-06	2.98E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	Quinoline	1.16E-09	1.16E-09	1.36E-09	1.37E-09	1.66E-08	1.62E-08	6.32E-08	6.32E-08	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	1,1,2,2-Tetrachloroethane	8.15E-06	8.15E-06	1.16E-05	1.22E-05	1.34E-05	1.42E-05	2.07E-05	2.07E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Linn County	29115	R	Trichloroethylene	8.13E-02	8.13E-02	8.22E-02	8.47E-02	8.41E-02	8.62E-02	8.64E-02	8.64E-02	1.53E-03	1.61E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Linn County	29115	R	Vinyl Chloride	2.01E-05	2.01E-05	3.22E-05	3.30E-05	3.58E-05	3.96E-05	5.40E-05	5.40E-05	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	Acetaldehyde	2.73E-02	2.73E-02	2.94E-02	7.43E-02	6.27E-02	7.69E-02	1.06E-01	1.06E-01	3.53E-07	2.00E-03	3.90E-02	2.17E-02	0.00E+00
Missouri	Livingston County	29117	U	Acrolein	4.49E-03	4.49E-03	4.59E-03	1.21E-02	1.07E-02	1.47E-02	1.79E-02	1.79E-02	5.36E-08	2.65E-03	6.36E-03	1.73E-03	0.00E+00
Missouri	Livingston County	29117	U	Acrylonitrile	1.11E-04	1.11E-04	2.41E-04	5.36E-04	5.30E-04	5.67E-04	1.20E-03	1.20E-03	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	Arsenic Compounds	5.45E-06	5.45E-06	6.91E-06	2.63E-05	2.39E-05	3.65E-05	4.41E-05	4.41E-05	8.45E-08	5.04E-06	1.23E-05	6.41E-06	0.00E+00
Missouri	Livingston County	29117	U	Benzene	5.26E-01	5.26E-01	5.34E-01	7.69E-01	7.20E-01	8.43E-01	9.30E-01	9.30E-01	2.85E-07	4.04E-02	1.67E-01	3.30E-02	4.80E-01
Missouri	Livingston County	29117	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
Missouri	Livingston County	29117	U	Beryllium Compounds	4.92E-07	4.92E-07	5.12E-07	1.43E-06	1.66E-06	2.92E-06	2.96E-06	2.96E-06	4.34E-09	1.29E-06	0.00E+00	3.72E-07	0.00E+00
Missouri	Livingston County	29117	U	1,3-Butadiene	1.74E-03	1.74E-03	2.65E-03	2.35E-02	1.98E-02	3.08E-02	4.05E-02	4.05E-02	0.00E+00	3.57E-04	1.63E-02	3.22E-03	0.00E+00
Missouri	Livingston County	29117	U	Cadmium Compounds	6.61E-07	6.61E-07	6.66E-07	2.18E-06	2.50E-06	4.23E-06	4.74E-06	4.74E-06	1.06E-08	2.11E-06	0.00E+00	3.73E-07	0.00E+00
Missouri	Livingston County	29117	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.75E-02	4.76E-02	4.79E-02	4.84E-02	4.84E-02	2.85E-08	5.97E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Livingston County	29117	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	1.39E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Livingston County	29117	U	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.38E-02	8.40E-02	8.46E-02	8.51E-02	8.51E-02	0.00E+00	9.67E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Livingston County	29117	U	Chromium Compounds (includes Hexavalent)	3.67E-06	3.67E-06	6.83E-06	1.63E-05	1.65E-05	2.53E-05	3.02E-05	3.02E-05	5.37E-08	7.03E-06	8.86E-06	5.05E-07	0.00E+00
Missouri	Livingston County	29117	U	Chromium VI	1.41E-06	1.41E-06	1.57E-06	6.84E-06	6.22E-06	9.71E-06	1.16E-05	1.16E-05	9.67E-09	2.40E-06	3.64E-06	1.72E-07	0.00E+00
Missouri	Livingston County	29117	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
Missouri	Livingston County	29117	U	1,4-Dichlorobenzene	1.19E-03	1.19E-03	1.23E-03	1.17E-02	9.33E-03	1.30E-02	1.95E-02	1.95E-02	0.00E+00	9.33E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	1,3-Dichloropropene	2.32E-03	2.32E-03	2.39E-03	2.38E-02	1.89E-02	2.63E-02	3.97E-02	3.97E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	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	2.79E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Livingston County	29117	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	8.77E-09	5.96E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Livingston County	29117	U	Ethylene Oxide	2.68E-05	2.68E-05	4.10E-05	5.98E-04	4.53E-04	6.01E-04	9.97E-04	9.97E-04	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	Formaldehyde	2.86E-01	2.86E-01	2.92E-01	3.73E-01	3.57E-01	3.95E-01	4.39E-01	4.39E-01	5.41E-08	6.22E-03	6.46E-02	3.62E-02	2.50E-01
Missouri	Livingston County	29117	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.36E-05	9.35E-05	9.37E-05	9.38E-05	9.38E-05	0.00E+00	4.66E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Livingston County	29117	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	8.02E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Livingston County	29117	U	Hexamethylene Diisocyanate	3.09E-07	3.09E-07	3.67E-07	4.01E-07	3.84E-07	4.18E-07	4.24E-07	4.24E-07	0.00E+00	3.84E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	Hydrazine	2.00E-11	2.00E-11	3.33E-10	3.44E-10	2.84E-10	3.55E-10	3.66E-10	3.66E-10	0.00E+00	2.84E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	Lead Compounds	3.94E-05	3.94E-05	8.45E-05	1.61E-04	1.62E-04	2.20E-04	3.06E-04	3.06E-04	6.64E-06	7.98E-05	0.00E+00	7.58E-05	0.00E+00
Missouri	Livingston County	29117	U	Manganese Compounds	5.47E-06	5.47E-06	8.05E-06	1.75E-05	1.93E-05	3.02E-05	3.51E-05	3.51E-05	6.14E-06	9.53E-06	2.98E-06	6.25E-07	0.00E+00
Missouri	Livingston County	29117	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	0.00E+00	3.79E-06	1.29E-05	5.76E-06	1.50E-03
Missouri	Livingston County	29117	U	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.96E-01	1.99E-01	2.40E-01	2.48E-01	2.48E-01	6.13E-08	4.88E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Livingston County	29117	U	Nickel Compounds	8.51E-06	8.51E-06	1.04E-05	6.47E-05	1.02E-04	1.76E-04	2.51E-04	2.51E-04	5.77E-08	9.33E-05	6.88E-06	1.78E-06	0.00E+00
Missouri	Livingston County	29117	U	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.53E-01	1.53E-01	1.58E-01	1.69E-01	1.69E-01	9.09E-09	1.33E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Livingston County	29117	U	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	4.36E-04	4.26E-04	4.54E-04	4.67E-04	4.67E-04	0.00E+00	4.58E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Livingston County	29117	U	Polycyclic Organic Matter	2.75E-03	2.75E-03	3.30E-03	1.72E-02	1.35E-02	2.04E-02	2.37E-02	2.37E-02	3.96E-09	9.71E-03	3.19E-03	5.70E-04	0.00E+00
Missouri	Livingston County	29117	U	7-PAH	1.31E-04	1.31E-04	1.68E-04	5.94E-04	4.49E-04	6.39E-04	7.12E-04	7.12E-04	8.09E-11	4.22E-04	2.00E-05	6.29E-06	0.00E+00
Missouri	Livingston County	29117	U	Propylene Dichloride	6.63E-06	6.63E-06	1.45E-05	3.15E-05	3.08E-05	3.22E-05	6.91E-05	6.91E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	Quinoline	6.09E-10	6.09E-10	1.07E-08	1.08E-08	8.88E-09	1.09E-08	1.14E-08	1.14E-08	0.00E+00	8.88E-09	0.00E+00	0.00E+00	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Livingston County	29117	U	1,1,2,2-Tetrachloroethane	5.85E-05	5.85E-05	1.32E-04	2.74E-04	2.69E-04	2.79E-04	6.03E-04	6.03E-04	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Livingston County	29117	U	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.60E-02	8.80E-02	9.21E-02	9.88E-02	9.88E-02	0.00E+00	7.05E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Livingston County	29117	U	Vinyl Chloride	1.45E-04	1.45E-04	3.24E-04	6.76E-04	6.64E-04	6.88E-04	1.49E-03	1.49E-03	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	Acetaldehyde	5.83E-02	5.83E-02	6.07E-02	7.16E-02	8.55E-02	1.10E-01	1.40E-01	1.40E-01	1.49E-06	9.03E-03	6.82E-02	8.23E-03	0.00E+00
Missouri	McDonald County	29119	R	Acrolein	1.29E-02	1.29E-02	1.30E-02	1.48E-02	1.71E-02	2.12E-02	2.58E-02	2.58E-02	2.67E-08	5.28E-03	1.03E-02	1.54E-03	0.00E+00
Missouri	McDonald County	29119	R	Acrylonitrile	3.42E-05	3.42E-05	3.83E-05	4.54E-05	4.93E-05	6.02E-05	7.22E-05	7.22E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	Arsenic Compounds	9.54E-06	9.54E-06	9.74E-06	1.10E-05	1.18E-05	1.39E-05	1.57E-05	1.57E-05	7.54E-08	1.35E-06	8.59E-06	1.82E-06	0.00E+00
Missouri	McDonald County	29119	R	Benzene	6.00E-01	6.00E-01	6.03E-01	6.15E-01	6.29E-01	6.55E-01	6.85E-01	6.85E-01	9.95E-07	3.98E-02	9.29E-02	1.59E-02	4.80E-01
Missouri	McDonald County	29119	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
Missouri	McDonald County	29119	R	Beryllium Compounds	5.79E-07	5.79E-07	8.04E-07	1.21E-06	1.11E-06	1.41E-06	1.44E-06	1.44E-06	1.17E-07	3.31E-07	0.00E+00	6.62E-07	0.00E+00
Missouri	McDonald County	29119	R	1,3-Butadiene	4.41E-03	4.41E-03	4.49E-03	4.91E-03	4.94E-03	5.40E-03	5.54E-03	5.54E-03	0.00E+00	9.21E-04	3.27E-03	7.51E-04	0.00E+00
Missouri	McDonald County	29119	R	Cadmium Compounds	1.29E-06	1.29E-06	1.48E-06	1.74E-06	1.71E-06	1.94E-06	2.06E-06	2.06E-06	8.72E-08	9.63E-07	0.00E+00	6.59E-07	0.00E+00
Missouri	McDonald County	29119	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.73E-02	4.74E-02	4.74E-02	1.80E-08	2.48E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	McDonald County	29119	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	5.79E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	McDonald County	29119	R	Chloroform	8.46E-02	8.46E-02	8.47E-02	8.49E-02	8.52E-02	8.57E-02	8.65E-02	8.65E-02	0.00E+00	2.20E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	McDonald County	29119	R	Chromium Compounds (includes Hexavalent)	7.13E-06	7.13E-06	1.01E-05	4.22E-04	7.00E-04	1.39E-03	1.95E-03	1.95E-03	6.23E-04	7.07E-05	5.77E-06	2.90E-07	0.00E+00
Missouri	McDonald County	29119	R	Chromium VI	3.10E-06	3.10E-06	3.18E-06	1.43E-04	2.39E-04	4.74E-04	6.65E-04	6.65E-04	2.12E-04	2.45E-05	2.31E-06	9.87E-08	0.00E+00
Missouri	McDonald County	29119	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
Missouri	McDonald County	29119	R	1,4-Dichlorobenzene	3.00E-03	3.00E-03	3.16E-03	3.57E-03	3.96E-03	4.77E-03	5.73E-03	5.73E-03	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	1,3-Dichloropropene	5.75E-03	5.75E-03	6.06E-03	6.83E-03	7.51E-03	8.96E-03	1.06E-02	1.06E-02	0.00E+00	7.51E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	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	3.18E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	McDonald County	29119	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.47E-08	5.58E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	McDonald County	29119	R	Ethylene Oxide	3.69E-05	3.69E-05	4.40E-05	5.15E-05	6.23E-05	8.06E-05	1.09E-04	1.09E-04	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	Formaldehyde	3.20E-01	3.20E-01	3.21E-01	3.30E-01	3.39E-01	3.56E-01	3.74E-01	3.74E-01	1.83E-05	2.15E-02	5.21E-02	1.49E-02	2.50E-01
Missouri	McDonald County	29119	R	Hexachlorobenzene	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.76E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	McDonald County	29119	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	2.81E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	McDonald County	29119	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	5.28E-07	1.24E-06	3.39E-06	6.25E-06	1.11E-05	1.11E-05	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	Hydrazine	2.28E-10	2.28E-10	2.69E-10	4.12E-10	4.84E-10	6.99E-10	8.84E-10	8.84E-10	0.00E+00	4.84E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	Lead Compounds	1.53E-04	1.53E-04	1.56E-04	1.70E-04	3.12E-04	4.68E-04	7.56E-04	7.56E-04	1.85E-06	7.93E-05	0.00E+00	2.31E-04	0.00E+00
Missouri	McDonald County	29119	R	Manganese Compounds	1.09E-05	1.09E-05	1.14E-05	1.38E-05	4.55E-05	7.95E-05	1.43E-04	1.43E-04	3.30E-06	4.02E-05	1.76E-06	2.18E-07	0.00E+00
Missouri	McDonald County	29119	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.73E-06	3.40E-06	9.74E-06	2.38E-06	1.50E-03
Missouri	McDonald County	29119	R	Methylene Chloride	1.65E-01	1.65E-01	1.65E-01	1.68E-01	1.69E-01	1.73E-01	1.76E-01	1.76E-01	6.94E-04	1.85E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	McDonald County	29119	R	Nickel Compounds	2.22E-04	2.22E-04	2.38E-04	3.46E-04	4.31E-04	6.25E-04	8.11E-04	8.11E-04	7.16E-07	4.26E-04	4.29E-06	3.96E-07	0.00E+00
Missouri	McDonald County	29119	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.46E-01	1.47E-01	1.49E-01	1.51E-01	1.51E-01	1.64E-07	6.78E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	McDonald County	29119	R	Polychlorinated Biphenyls	4.07E-04	4.07E-04	4.08E-04	4.09E-04	4.09E-04	4.11E-04	4.12E-04	4.12E-04	0.00E+00	2.92E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	McDonald County	29119	R	Polycyclic Organic Matter	8.10E-03	8.10E-03	8.11E-03	8.94E-03	9.49E-03	1.09E-02	1.20E-02	1.20E-02	3.47E-05	7.11E-03	2.00E-03	3.46E-04	0.00E+00
Missouri	McDonald County	29119	R	7-PAH	4.96E-04	4.96E-04	4.96E-04	5.20E-04	5.29E-04	5.62E-04	5.81E-04	5.81E-04	2.54E-10	5.11E-04	1.45E-05	3.52E-06	0.00E+00
Missouri	McDonald County	29119	R	Propylene Dichloride	1.45E-06	1.45E-06	1.55E-06	1.73E-06	2.19E-06	2.84E-06	3.87E-06	3.87E-06	0.00E+00	2.19E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	Quinoline	7.83E-09	7.83E-09	1.02E-08	1.34E-08	1.95E-08	2.88E-08	4.33E-08	4.33E-08	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	1,1,2,2-Tetrachloroethane	8.24E-06	8.24E-06	9.53E-06	1.13E-05	1.41E-05	1.87E-05	2.56E-05	2.56E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	McDonald County	29119	R	Trichloroethylene	8.20E-02	8.20E-02	8.21E-02	8.23E-02	8.25E-02	8.29E-02	8.34E-02	8.34E-02	0.00E+00	1.50E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	McDonald County	29119	R	Vinyl Chloride	2.58E-05	2.58E-05	3.18E-05	4.16E-05	4.40E-05	5.62E-05	6.71E-05	6.71E-05	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	Acetaldehyde	1.60E-02	1.60E-02	1.73E-02	2.65E-02	2.67E-02	2.90E-02	4.48E-02	4.48E-02	0.00E+00	1.88E-03	1.49E-02	9.93E-03	0.00E+00
Missouri	Macon County	29121	R	Acrolein	3.02E-03	3.02E-03	3.53E-03	6.40E-03	5.74E-03	7.13E-03	8.62E-03	8.62E-03	0.00E+00	1.65E-03	2.86E-03	1.23E-03	0.00E+00
Missouri	Macon County	29121	R	Acrylonitrile	2.37E-05	2.37E-05	2.43E-05	7.10E-05	6.93E-05	7.34E-05	1.54E-04	1.54E-04	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	Arsenic Compounds	3.53E-06	3.53E-06	3.76E-06	8.21E-06	7.53E-06	8.83E-06	1.33E-05	1.33E-05	0.00E+00	1.06E-06	3.81E-06	2.66E-06	0.00E+00
Missouri	Macon County	29121	R	Benzene	5.11E-01	5.11E-01	5.12E-01	5.71E-01	5.62E-01	5.80E-01	6.37E-01	6.37E-01	0.00E+00	1.87E-02	4.56E-02	1.78E-02	4.80E-01
Missouri	Macon County	29121	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
Missouri	Macon County	29121	R	Beryllium Compounds	3.30E-07	3.30E-07	7.50E-07	1.28E-06	1.07E-06	1.33E-06	1.68E-06	1.68E-06	0.00E+00	2.29E-07	0.00E+00	8.45E-07	0.00E+00
Missouri	Macon County	29121	R	1,3-Butadiene	1.30E-03	1.30E-03	1.53E-03	5.35E-03	4.96E-03	5.77E-03	1.09E-02	1.09E-02	0.00E+00	3.94E-04	3.39E-03	1.18E-03	0.00E+00
Missouri	Macon County	29121	R	Cadmium Compounds	3.98E-07	3.98E-07	8.28E-07	1.60E-06	1.32E-06	1.67E-06	2.09E-06	2.09E-06	0.00E+00	4.74E-07	0.00E+00	8.43E-07	0.00E+00
Missouri	Macon County	29121	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	1.32E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Macon County	29121	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	3.50E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Macon County	29121	R	Chloroform	8.36E-02	8.36E-02	8.39E-02	8.47E-02	8.47E-02	8.50E-02	8.62E-02	8.62E-02	0.00E+00	1.70E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Macon County	29121	R	Chromium Compounds (includes Hexavalent)	1.33E-06	1.33E-06	1.62E-05	2.11E-05	1.70E-05	2.30E-05	2.37E-05	2.37E-05	1.32E-05	9.02E-07	2.62E-06	3.61E-07	0.00E+00
Missouri	Macon County	29121	R	Chromium VI	5.38E-07	5.38E-07	2.44E-06	3.87E-06	3.15E-06	4.08E-06	4.81E-06	4.81E-06	1.45E-06	5.54E-07	1.02E-06	1.23E-07	0.00E+00
Missouri	Macon County	29121	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
Missouri	Macon County	29121	R	1,4-Dichlorobenzene	6.45E-04	6.45E-04	8.91E-04	2.46E-03	2.32E-03	2.74E-03	4.86E-03	4.86E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	1,3-Dichloropropene	1.23E-03	1.23E-03	1.76E-03	4.91E-03	4.65E-03	5.49E-03	9.83E-03	9.83E-03	0.00E+00	4.65E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.22E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Macon County	29121	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	7.52E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Macon County	29121	R	Ethylene Oxide	1.13E-05	1.13E-05	1.85E-05	5.91E-05	6.10E-05	7.24E-05	1.44E-04	1.44E-04	0.00E+00	6.10E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	Formaldehyde	2.74E-01	2.74E-01	2.76E-01	2.94E-01	2.92E-01	2.97E-01	3.20E-01	3.20E-01	0.00E+00	6.02E-03	1.94E-02	1.69E-02	2.50E-01
Missouri	Macon County	29121	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	0.00E+00	2.09E-07	0.00E+00	0.00E+00	9.30E-05

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Macon County	29121	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	1.80E-03
Missouri	Macon County	29121	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
Missouri	Macon County	29121	R	Hydrazine	2.12E-14	2.12E-14	5.15E-12	5.86E-12	7.54E-12	1.27E-11	1.40E-11	1.40E-11	0.00E+00	7.54E-12	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	Lead Compounds	2.52E-05	2.52E-05	2.84E-05	2.20E-04	1.52E-04	2.40E-04	2.49E-04	2.49E-04	4.97E-06	8.54E-06	0.00E+00	1.39E-04	0.00E+00
Missouri	Macon County	29121	R	Manganese Compounds	1.12E-06	1.12E-06	4.78E-05	6.21E-05	5.05E-05	6.71E-05	7.45E-05	7.45E-05	4.71E-05	2.38E-06	7.78E-07	2.97E-07	0.00E+00
Missouri	Macon County	29121	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.02E-05	8.52E-07	4.19E-06	3.19E-06	1.50E-03
Missouri	Macon County	29121	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.64E-01	1.61E-01	1.64E-01	1.72E-01	1.72E-01	0.00E+00	1.11E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Macon County	29121	R	Nickel Compounds	4.45E-06	4.45E-06	5.38E-06	4.46E-05	3.04E-05	4.55E-05	5.22E-05	5.22E-05	0.00E+00	2.79E-05	1.93E-06	5.52E-07	0.00E+00
Missouri	Macon County	29121	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.45E-01	1.44E-01	1.45E-01	1.47E-01	1.47E-01	0.00E+00	3.84E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Macon County	29121	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.88E-04	3.99E-04	3.99E-04	4.01E-04	4.24E-04	4.24E-04	0.00E+00	1.89E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Macon County	29121	R	Polycyclic Organic Matter	1.89E-03	1.89E-03	1.98E-03	5.25E-03	4.74E-03	5.73E-03	8.85E-03	8.85E-03	0.00E+00	3.50E-03	9.00E-04	3.38E-04	0.00E+00
Missouri	Macon County	29121	R	7-PAH	1.04E-04	1.04E-04	1.13E-04	2.53E-04	2.33E-04	2.76E-04	4.17E-04	4.17E-04	0.00E+00	2.21E-04	5.97E-06	5.89E-06	0.00E+00
Missouri	Macon County	29121	R	Propylene Dichloride	9.86E-07	9.86E-07	1.37E-06	3.69E-06	3.79E-06	3.98E-06	8.90E-06	8.90E-06	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	Quinoline	5.63E-13	5.63E-13	1.79E-10	1.96E-10	2.15E-10	3.02E-10	3.95E-10	3.95E-10	0.00E+00	2.15E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	1,1,2,2-Tetrachloroethane	8.81E-06	8.81E-06	1.20E-05	2.85E-05	3.19E-05	3.24E-05	7.77E-05	7.77E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Macon County	29121	R	Trichloroethylene	8.70E-02	8.70E-02	8.72E-02	1.44E-01	1.31E-01	1.67E-01	1.69E-01	1.69E-01	4.85E-02	1.23E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Macon County	29121	R	Vinyl Chloride	3.17E-05	3.17E-05	3.43E-05	8.68E-05	9.23E-05	9.88E-05	2.10E-04	2.10E-04	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	Acetaldehyde	2.12E-02	2.12E-02	2.12E-02	3.23E-02	3.50E-02	5.15E-02	5.15E-02	5.15E-02	6.74E-05	5.97E-03	2.48E-02	4.15E-03	0.00E+00
Missouri	Madison County	29123	R	Acrolein	1.08E-02	1.08E-02	1.08E-02	1.50E-02	1.45E-02	1.77E-02	1.77E-02	1.77E-02	9.05E-04	8.27E-03	4.65E-03	6.85E-04	0.00E+00
Missouri	Madison County	29123	R	Acrylonitrile	6.36E-06	6.36E-06	6.36E-06	1.33E-05	2.03E-05	4.13E-05	4.13E-05	4.13E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	Arsenic Compounds	1.30E-03	1.30E-03	1.30E-03	1.41E-03	1.46E-03	1.67E-03	1.67E-03	1.67E-03	1.45E-03	1.10E-06	6.08E-06	1.19E-06	0.00E+00
Missouri	Madison County	29123	R	Benzene	5.37E-01	5.37E-01	5.37E-01	5.74E-01	5.92E-01	6.64E-01	6.64E-01	6.64E-01	2.98E-04	3.76E-02	6.32E-02	1.05E-02	4.80E-01
Missouri	Madison County	29123	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
Missouri	Madison County	29123	R	Beryllium Compounds	9.03E-08	9.03E-08	9.03E-08	1.48E-07	2.72E-07	5.77E-07	5.77E-07	5.77E-07	0.00E+00	2.61E-07	0.00E+00	1.07E-08	0.00E+00
Missouri	Madison County	29123	R	1,3-Butadiene	2.92E-03	2.92E-03	2.92E-03	5.42E-03	7.25E-03	1.34E-02	1.34E-02	1.34E-02	2.16E-04	2.25E-03	4.09E-03	7.05E-04	0.00E+00
Missouri	Madison County	29123	R	Cadmium Compounds	5.08E-05	5.08E-05	5.08E-05	5.53E-05	5.69E-05	6.46E-05	6.46E-05	6.46E-05	5.63E-05	5.39E-07	0.00E+00	1.53E-08	0.00E+00
Missouri	Madison County	29123	R	Carbon Disulfide	4.73E-02	4.73E-02	4.73E-02	4.75E-02	4.75E-02	4.78E-02	4.78E-02	4.78E-02	3.64E-04	1.81E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Madison County	29123	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	5.24E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Madison County	29123	R	Chloroform	8.40E-02	8.40E-02	8.40E-02	8.48E-02	8.57E-02	8.82E-02	8.82E-02	8.82E-02	0.00E+00	2.68E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Madison County	29123	R	Chromium Compounds (includes Hexavalent)	1.96E-06	1.96E-06	1.96E-06	3.50E-06	4.71E-06	8.67E-06	8.67E-06	8.67E-06	0.00E+00	7.39E-07	3.84E-06	1.30E-07	0.00E+00
Missouri	Madison County	29123	R	Chromium VI	8.07E-07	8.07E-07	8.07E-07	1.45E-06	1.96E-06	3.63E-06	3.63E-06	3.63E-06	0.00E+00	3.64E-07	1.55E-06	4.44E-08	0.00E+00
Missouri	Madison County	29123	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
Missouri	Madison County	29123	R	1,4-Dichlorobenzene	1.23E-03	1.23E-03	1.23E-03	2.18E-03	3.18E-03	6.14E-03	6.14E-03	6.14E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	1,3-Dichloropropene	2.38E-03	2.38E-03	2.38E-03	4.28E-03	6.34E-03	1.24E-02	1.24E-02	1.24E-02	0.00E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	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	1.40E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Madison County	29123	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	1.08E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Madison County	29123	R	Ethylene Oxide	3.78E-05	3.78E-05	3.78E-05	7.10E-05	1.82E-04	4.39E-04	4.39E-04	4.39E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	Formaldehyde	2.93E-01	2.93E-01	2.93E-01	3.13E-01	3.17E-01	3.45E-01	3.45E-01	3.45E-01	1.33E-05	3.16E-02	2.88E-02	6.58E-03	2.50E-01
Missouri	Madison County	29123	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.12E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Madison County	29123	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	2.85E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Madison County	29123	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
Missouri	Madison County	29123	R	Hydrazine	7.59E-12	7.59E-12	7.59E-12	2.24E-11	2.33E-11	3.99E-11	3.99E-11	3.99E-11	0.00E+00	2.33E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	Lead Compounds	1.96E-02	1.96E-02	1.96E-02	2.13E-02	2.21E-02	2.56E-02	2.56E-02	2.56E-02	2.20E-02	2.40E-05	0.00E+00	7.33E-05	0.00E+00
Missouri	Madison County	29123	R	Manganese Compounds	1.56E-05	1.56E-05	1.56E-05	2.39E-05	2.13E-05	2.44E-05	2.44E-05	2.44E-05	1.73E-05	2.75E-06	1.10E-06	1.64E-07	0.00E+00
Missouri	Madison County	29123	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	6.96E-07	6.82E-06	9.89E-07	1.50E-03
Missouri	Madison County	29123	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.58E-01	1.65E-01	1.83E-01	1.83E-01	1.83E-01	1.37E-05	1.51E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Madison County	29123	R	Nickel Compounds	7.08E-03	7.08E-03	7.08E-03	7.65E-03	7.94E-03	9.09E-03	9.09E-03	9.09E-03	7.92E-03	1.94E-05	2.82E-06	1.29E-06	0.00E+00
Missouri	Madison County	29123	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.47E-01	1.47E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	6.96E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Madison County	29123	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.96E-04	4.03E-04	4.27E-04	4.27E-04	4.27E-04	0.00E+00	2.31E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Madison County	29123	R	Polycyclic Organic Matter	3.79E-03	3.79E-03	3.79E-03	6.33E-03	7.25E-03	1.16E-02	1.16E-02	1.16E-02	0.00E+00	5.82E-03	1.28E-03	1.55E-04	0.00E+00
Missouri	Madison County	29123	R	7-PAH	3.71E-04	3.71E-04	3.71E-04	5.63E-04	5.65E-04	7.61E-04	7.61E-04	7.61E-04	0.00E+00	5.54E-04	9.08E-06	2.02E-06	0.00E+00
Missouri	Madison County	29123	R	Propylene Dichloride	2.69E-07	2.69E-07	2.69E-07	5.33E-07	7.08E-07	1.32E-06	1.32E-06	1.32E-06	0.00E+00	7.08E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	Quinoline	2.15E-10	2.15E-10	2.15E-10	5.55E-10	5.40E-10	8.52E-10	8.52E-10	8.52E-10	0.00E+00	5.40E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	1,1,2,2-Tetrachloroethane	1.03E-06	1.03E-06	1.03E-06	1.20E-06	1.21E-06	1.41E-06	1.41E-06	1.41E-06	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Madison County	29123	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.15E-02	8.22E-02	8.39E-02	8.39E-02	8.39E-02	0.00E+00	1.24E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Madison County	29123	R	Vinyl Chloride	3.50E-06	3.50E-06	3.50E-06	5.83E-06	5.66E-06	7.65E-06	7.65E-06	7.65E-06	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	Acetaldehyde	3.20E-02	3.20E-02	3.20E-02	3.30E-02	3.57E-02	4.21E-02	4.21E-02	4.21E-02	5.51E-07	1.15E-02	1.99E-02	4.37E-03	0.00E+00
Missouri	Maries County	29125	R	Acrolein	7.97E-03	7.97E-03	7.97E-03	8.28E-03	8.69E-03	9.82E-03	9.82E-03	9.82E-03	5.15E-08	3.78E-03	4.20E-03	7.11E-04	0.00E+00
Missouri	Maries County	29125	R	Acrylonitrile	1.22E-05	1.22E-05	1.22E-05	1.47E-05	1.77E-05	2.62E-05	2.62E-05	2.62E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	Arsenic Compounds	5.54E-06	5.54E-06	5.54E-06	6.20E-06	6.16E-06	6.74E-06	6.74E-06	6.74E-06	8.65E-08	7.42E-07	4.21E-06	1.12E-06	0.00E+00
Missouri	Maries County	29125	R	Benzene	5.41E-01	5.41E-01	5.41E-01	5.47E-01	5.50E-01	5.62E-01	5.62E-01	5.62E-01	3.19E-07	2.02E-02	4.19E-02	8.13E-03	4.80E-01
Missouri	Maries County	29125	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
Missouri	Maries County	29125	R	Beryllium Compounds	1.56E-07	1.56E-07	1.56E-07	2.16E-07	2.15E-07	2.73E-07	2.73E-07	2.73E-07	4.53E-09	1.00E-07	0.00E+00	1.11E-07	0.00E+00
Missouri	Maries County	29125	R	1,3-Butadiene	2.30E-03	2.30E-03	2.30E-03	2.58E-03	2.85E-03	3.67E-03	3.67E-03	3.67E-03	0.00E+00	9.29E-04	1.61E-03	3.15E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Maries County	29125	R	Cadmium Compounds	3.92E-07	3.92E-07	3.92E-07	4.51E-07	4.58E-07	5.31E-07	5.31E-07	5.31E-07	1.12E-08	3.36E-07	0.00E+00	1.11E-07	0.00E+00
Missouri	Maries County	29125	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.78E-02	4.78E-02	4.78E-02	3.19E-08	3.91E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Maries County	29125	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	2.05E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Maries County	29125	R	Chloroform	8.35E-02	8.35E-02	8.35E-02	8.36E-02	8.36E-02	8.37E-02	8.37E-02	8.37E-02	0.00E+00	5.72E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Maries County	29125	R	Chromium Compounds (includes Hexavalent)	4.25E-05	4.25E-05	4.25E-05	7.95E-05	9.38E-05	1.59E-04	1.59E-04	1.59E-04	4.49E-05	4.61E-05	2.67E-06	1.12E-07	0.00E+00
Missouri	Maries County	29125	R	Chromium VI	1.48E-05	1.48E-05	1.48E-05	2.74E-05	3.22E-05	5.45E-05	5.45E-05	5.45E-05	1.53E-05	1.59E-05	1.06E-06	3.80E-08	0.00E+00
Missouri	Maries County	29125	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
Missouri	Maries County	29125	R	1,4-Dichlorobenzene	1.24E-03	1.24E-03	1.24E-03	1.53E-03	1.48E-03	1.66E-03	1.66E-03	1.66E-03	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	1,3-Dichloropropene	2.39E-03	2.39E-03	2.39E-03	2.94E-03	2.83E-03	3.15E-03	3.15E-03	3.15E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	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	8.60E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Maries County	29125	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	9.83E-09	3.72E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Maries County	29125	R	Ethylene Oxide	1.91E-05	1.91E-05	1.91E-05	2.01E-05	2.15E-05	2.54E-05	2.54E-05	2.54E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	Formaldehyde	2.95E-01	2.95E-01	2.95E-01	2.96E-01	3.01E-01	3.11E-01	3.11E-01	3.11E-01	6.82E-08	2.21E-02	2.14E-02	7.58E-03	2.50E-01
Missouri	Maries County	29125	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	1.16E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Maries County	29125	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	8.71E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Maries County	29125	R	Hexamethylene Diisocyanate	2.85E-07	2.85E-07	2.85E-07	5.43E-07	2.44E-05	7.24E-05	7.24E-05	7.24E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	Hydrazine	1.40E-09	1.40E-09	1.40E-09	2.30E-09	2.24E-08	6.36E-08	6.36E-08	6.36E-08	0.00E+00	2.24E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	Lead Compounds	8.94E-05	8.94E-05	8.94E-05	1.13E-04	1.21E-04	1.60E-04	1.60E-04	1.60E-04	2.59E-06	1.17E-05	0.00E+00	1.06E-04	0.00E+00
Missouri	Maries County	29125	R	Manganese Compounds	5.16E-05	5.16E-05	5.16E-05	7.29E-05	6.88E-05	8.21E-05	8.21E-05	8.21E-05	2.31E-07	6.76E-05	8.42E-07	1.22E-07	0.00E+00
Missouri	Maries County	29125	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	1.52E-12	3.55E-07	4.86E-06	1.11E-06	1.50E-03
Missouri	Maries County	29125	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.59E-01	1.59E-01	1.61E-01	1.61E-01	1.61E-01	6.45E-08	8.79E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Maries County	29125	R	Nickel Compounds	5.49E-06	5.49E-06	5.49E-06	9.17E-06	1.06E-05	1.71E-05	1.71E-05	1.71E-05	1.75E-07	7.97E-06	1.99E-06	4.53E-07	0.00E+00
Missouri	Maries County	29125	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	9.56E-09	1.98E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Maries County	29125	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.91E-04	3.91E-04	3.96E-04	3.96E-04	3.96E-04	0.00E+00	1.11E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Maries County	29125	R	Polycyclic Organic Matter	3.71E-03	3.71E-03	3.71E-03	4.31E-03	4.33E-03	4.98E-03	4.98E-03	4.98E-03	4.45E-09	3.31E-03	8.95E-04	1.31E-04	0.00E+00
Missouri	Maries County	29125	R	7-PAH	2.50E-04	2.50E-04	2.50E-04	2.82E-04	3.02E-04	3.73E-04	3.73E-04	3.73E-04	9.10E-11	2.93E-04	6.58E-06	2.32E-06	0.00E+00
Missouri	Maries County	29125	R	Propylene Dichloride	7.70E-07	7.70E-07	7.70E-07	1.05E-06	1.53E-06	2.78E-06	2.78E-06	2.78E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	Quinoline	2.99E-08	2.99E-08	2.99E-08	4.98E-08	1.02E-07	2.26E-07	2.26E-07	2.26E-07	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	1,1,2,2-Tetrachloroethane	1.90E-06	1.90E-06	1.90E-06	2.37E-06	2.45E-06	3.08E-06	3.08E-06	3.08E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Maries County	29125	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.15E-02	8.14E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	4.15E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Maries County	29125	R	Vinyl Chloride	9.85E-06	9.85E-06	9.85E-06	1.14E-05	1.39E-05	2.03E-05	2.03E-05	2.03E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	Acetaldehyde	2.82E-02	2.82E-02	8.67E-02	1.10E-01	1.18E-01	1.66E-01	1.92E-01	1.92E-01	9.76E-06	2.19E-03	7.03E-02	4.58E-02	0.00E+00
Missouri	Marion County	29127	U	Acrolein	5.88E-03	5.88E-03	1.16E-02	1.44E-02	1.57E-02	2.05E-02	2.71E-02	2.71E-02	3.41E-06	3.10E-03	9.51E-03	3.12E-03	0.00E+00
Missouri	Marion County	29127	U	Acrylonitrile	3.64E-05	3.64E-05	8.65E-05	9.95E-05	1.13E-04	1.25E-04	2.47E-04	2.47E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	Arsenic Compounds	1.65E-05	1.65E-05	3.51E-05	4.33E-05	4.79E-05	6.31E-05	8.36E-05	8.36E-05	1.03E-05	1.06E-05	1.71E-05	9.90E-06	0.00E+00
Missouri	Marion County	29127	U	Benzene	5.35E-01	5.35E-01	6.86E-01	7.32E-01	7.98E-01	9.09E-01	1.20E+00	1.20E+00	9.04E-05	3.19E-02	2.36E-01	5.03E-02	4.80E-01
Missouri	Marion County	29127	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
Missouri	Marion County	29127	U	Beryllium Compounds	7.14E-07	7.14E-07	2.75E-06	3.43E-06	3.55E-06	4.51E-06	6.32E-06	6.32E-06	3.87E-07	1.59E-06	0.00E+00	1.58E-06	0.00E+00
Missouri	Marion County	29127	U	1,3-Butadiene	2.09E-03	2.09E-03	1.58E-02	1.94E-02	2.69E-02	3.72E-02	6.85E-02	6.85E-02	0.00E+00	3.47E-04	2.25E-02	4.07E-03	0.00E+00
Missouri	Marion County	29127	U	Cadmium Compounds	8.97E-05	8.97E-05	1.01E-04	1.12E-04	1.33E-04	1.58E-04	2.30E-04	2.30E-04	1.27E-04	4.44E-06	0.00E+00	1.68E-06	0.00E+00
Missouri	Marion County	29127	U	Carbon Disulfide	4.72E-02	4.72E-02	4.84E-02	4.95E-02	5.08E-02	5.14E-02	6.08E-02	6.08E-02	4.00E-07	3.81E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Marion County	29127	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	9.76E-07	1.66E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Marion County	29127	U	Chloroform	8.38E-02	8.38E-02	8.61E-02	8.81E-02	8.86E-02	9.07E-02	9.54E-02	9.54E-02	9.27E-07	5.62E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Marion County	29127	U	Chromium Compounds (includes Hexavalent)	5.37E-05	5.37E-05	1.15E-04	3.99E-04	6.91E-04	7.32E-04	2.98E-03	2.98E-03	3.40E-05	6.43E-04	1.29E-05	1.24E-06	0.00E+00
Missouri	Marion County	29127	U	Chromium VI	3.65E-05	3.65E-05	8.68E-05	3.44E-04	6.31E-04	6.54E-04	2.84E-03	2.84E-03	1.24E-05	6.13E-04	5.04E-06	4.20E-07	0.00E+00
Missouri	Marion County	29127	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
Missouri	Marion County	29127	U	1,4-Dichlorobenzene	1.14E-03	1.14E-03	6.82E-03	8.43E-03	1.19E-02	1.68E-02	2.96E-02	2.96E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	1,3-Dichloropropene	2.18E-03	2.18E-03	1.38E-02	1.70E-02	2.41E-02	3.42E-02	6.04E-02	6.04E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	8.20E-08	8.32E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Marion County	29127	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	1.23E-07	2.57E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Marion County	29127	U	Ethylene Oxide	1.11E-04	1.11E-04	3.69E-04	7.65E-04	1.88E-03	1.54E-03	9.59E-03	9.59E-03	1.36E-04	1.75E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	Formaldehyde	2.89E-01	2.89E-01	3.72E-01	3.97E-01	4.24E-01	4.95E-01	5.75E-01	5.75E-01	1.54E-04	6.39E-03	9.68E-02	7.07E-02	2.50E-01
Missouri	Marion County	29127	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.37E-05	9.37E-05	0.00E+00	3.32E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Marion County	29127	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	7.97E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Marion County	29127	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
Missouri	Marion County	29127	U	Hydrazine	1.61E-09	1.61E-09	4.31E-08	1.97E-07	3.75E-07	4.55E-07	1.61E-06	1.61E-06	0.00E+00	3.75E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	Lead Compounds	1.11E-03	1.11E-03	1.45E-03	1.54E-03	1.58E-03	1.66E-03	2.26E-03	2.26E-03	4.76E-04	1.05E-03	0.00E+00	6.09E-05	0.00E+00
Missouri	Marion County	29127	U	Manganese Compounds	3.51E-03	3.51E-03	8.70E-03	1.06E-02	1.06E-02	1.37E-02	1.56E-02	1.56E-02	4.25E-05	1.06E-02	4.24E-06	1.93E-06	0.00E+00
Missouri	Marion County	29127	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.59E-03	1.61E-03	1.61E-03	2.62E-05	1.46E-05	1.75E-05	1.00E-05	1.50E-03
Missouri	Marion County	29127	U	Methylene Chloride	1.54E-01	1.54E-01	1.79E-01	1.95E-01	2.01E-01	2.16E-01	2.75E-01	2.75E-01	1.18E-05	5.11E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Marion County	29127	U	Nickel Compounds	5.15E-05	5.15E-05	1.91E-04	3.90E-04	3.27E-04	4.60E-04	4.79E-04	4.79E-04	3.94E-05	2.50E-04	9.87E-06	2.70E-05	0.00E+00
Missouri	Marion County	29127	U	Perchloroethylene	1.46E-01	1.46E-01	1.51E-01	1.61E-01	1.64E-01	1.71E-01	2.02E-01	2.02E-01	5.49E-03	1.87E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Marion County	29127	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.93E-04	4.11E-04	4.13E-04	4.30E-04	4.50E-04	4.50E-04	0.00E+00	3.29E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Marion County	29127	U	Polycyclic Organic Matter	6.09E-03	6.09E-03	1.31E-02	1.87E-02	2.10E-02	2.75E-02	4.36E-02	4.36E-02	4.45E-03	1.11E-02	4.51E-03	9.33E-04	0.00E+00

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State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Missouri	Marion County	29127	U	7-PAH	8.24E-04	8.24E-04	9.62E-04	1.72E-03	1.58E-03	2.13E-03	2.20E-03	2.20E-03	1.23E-03	3.12E-04	2.84E-05	1.52E-05	0.00E+00
Missouri	Marion County	29127	U	Propylene Dichloride	1.43E-05	1.43E-05	2.63E-05	3.07E-05	3.45E-05	3.94E-05	6.88E-05	6.88E-05	2.24E-05	1.20E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	Quinoline	3.20E-08	3.20E-08	1.59E-07	6.18E-07	1.02E-06	1.27E-06	4.08E-06	4.08E-06	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	1,1,2,2-Tetrachloroethane	1.06E-05	1.06E-05	1.48E-05	1.76E-05	1.65E-05	1.85E-05	1.97E-05	1.97E-05	1.86E-06	1.47E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Marion County	29127	U	Trichloroethylene	8.35E-02	8.35E-02	8.79E-02	9.30E-02	9.46E-02	1.00E-01	1.11E-01	1.11E-01	1.75E-03	1.19E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Marion County	29127	U	Vinyl Chloride	4.25E-05	4.25E-05	4.78E-05	5.95E-05	6.89E-05	6.84E-05	1.57E-04	1.57E-04	0.00E+00	6.89E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Mercer County	29129	R	Acetaldehyde	1.26E-02	1.26E-02	1.26E-02	1.61E-02	1.61E-02	1.96E-02	1.96E-02	1.96E-02	0.00E+00	1.27E-03	6.94E-03	7.88E-03	0.00E+00
Missouri	Mercer County	29129	R	Acrolein	2.25E-03	2.25E-03	2.25E-03	2.63E-03	2.63E-03	3.01E-03	3.01E-03	3.01E-03	0.00E+00	8.39E-04	1.38E-03	4.06E-04	0.00E+00
Missouri	Mercer County	29129	R	Acrylonitrile	6.11E-06	6.11E-06	6.11E-06	6.70E-06	6.70E-06	7.30E-06	7.30E-06	7.30E-06	0.00E+00	6.70E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Mercer County	29129	R	Arsenic Compounds	2.87E-06	2.87E-06	2.87E-06	3.63E-06	3.63E-06	4.39E-06	4.39E-06	4.39E-06	0.00E+00	1.59E-07	1.64E-06	1.83E-06	0.00E+00
Missouri	Mercer County	29129	R	Benzene	5.01E-01	5.01E-01	5.01E-01	5.06E-01	5.06E-01	5.12E-01	5.12E-01	5.12E-01	0.00E+00	6.90E-03	1.59E-02	3.65E-03	4.80E-01
Missouri	Mercer County	29129	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
Missouri	Mercer County	29129	R	Beryllium Compounds	2.38E-07	2.38E-07	2.38E-07	3.58E-07	3.58E-07	4.79E-07	4.79E-07	4.79E-07	0.00E+00	3.62E-08	0.00E+00	3.22E-07	0.00E+00
Missouri	Mercer County	29129	R	1,3-Butadiene	9.10E-04	9.10E-04	9.10E-04	1.35E-03	1.35E-03	1.78E-03	1.78E-03	1.78E-03	0.00E+00	2.31E-04	8.57E-04	2.60E-04	0.00E+00
Missouri	Mercer County	29129	R	Cadmium Compounds	3.08E-07	3.08E-07	3.08E-07	4.44E-07	4.44E-07	5.79E-07	5.79E-07	5.79E-07	0.00E+00	1.22E-07	0.00E+00	3.21E-07	0.00E+00
Missouri	Mercer County	29129	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	2.09E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Mercer County	29129	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	6.57E-06	0.00E+00	0.00E+00	8.80E-01
Missouri	Mercer County	29129	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	9.09E-05	0.00E+00	0.00E+00	8.30E-02
Missouri	Mercer County	29129	R	Chromium Compounds (includes Hexavalent)	9.37E-07	9.37E-07	9.37E-07	1.18E-06	1.18E-06	1.43E-06	1.43E-06	1.43E-06	0.00E+00	1.15E-07	9.56E-07	1.12E-07	0.00E+00
Missouri	Mercer County	29129	R	Chromium VI	3.74E-07	3.74E-07	3.74E-07	4.71E-07	4.71E-07	5.69E-07	5.69E-07	5.69E-07	0.00E+00	4.75E-08	3.86E-07	3.80E-08	0.00E+00
Missouri	Mercer County	29129	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
Missouri	Mercer County	29129	R	1,4-Dichlorobenzene	4.10E-04	4.10E-04	4.10E-04	5.29E-04	5.29E-04	6.48E-04	6.48E-04	6.48E-04	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Mercer County	29129	R	1,3-Dichloropropene	7.95E-04	7.95E-04	7.95E-04	1.04E-03	1.04E-03	1.29E-03	1.29E-03	1.29E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Mercer County	29129	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	2.74E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Mercer County	29129	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	6.37E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Mercer County	29129	R	Ethylene Oxide	5.96E-06	5.96E-06	5.96E-06	6.17E-06	6.17E-06	6.38E-06	6.38E-06	6.38E-06	0.00E+00	6.17E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Mercer County	29129	R	Formaldehyde	2.69E-01	2.69E-01	2.69E-01	2.74E-01	2.74E-01	2.79E-01	2.79E-01	2.79E-01	0.00E+00	3.59E-03	7.53E-03	1.27E-02	2.50E-01
Missouri	Mercer County	29129	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	9.75E-08	0.00E+00	0.00E+00	9.30E-05
Missouri	Mercer County	29129	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	3.24E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Mercer County	29129	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
Missouri	Mercer County	29129	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
Missouri	Mercer County	29129	R	Lead Compounds	2.67E-05	2.67E-05	2.67E-05	2.88E-05	2.88E-05	3.09E-05	3.09E-05	3.09E-05	5.99E-06	1.72E-05	0.00E+00	5.65E-06	0.00E+00
Missouri	Mercer County	29129	R	Manganese Compounds	1.06E-06	1.06E-06	1.06E-06	1.37E-06	1.37E-06	1.67E-06	1.67E-06	1.67E-06	4.41E-07	4.54E-07	3.06E-07	1.65E-07	0.00E+00
Missouri	Mercer County	29129	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	1.04E-07	1.96E-06	1.94E-06	1.50E-03
Missouri	Mercer County	29129	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	1.98E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Mercer County	29129	R	Nickel Compounds	2.41E-06	2.41E-06	2.41E-06	2.99E-06	2.99E-06	3.57E-06	3.57E-06	3.57E-06	0.00E+00	1.93E-06	7.87E-07	2.75E-07	0.00E+00
Missouri	Mercer County	29129	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	4.22E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Mercer County	29129	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.85E-04	3.85E-04	3.87E-04	3.87E-04	3.87E-04	0.00E+00	5.41E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Mercer County	29129	R	Polycyclic Organic Matter	1.27E-03	1.27E-03	1.27E-03	1.60E-03	1.60E-03	1.94E-03	1.94E-03	1.94E-03	0.00E+00	1.14E-03	3.39E-04	1.28E-04	0.00E+00
Missouri	Mercer County	29129	R	7-PAH	7.60E-05	7.60E-05	7.60E-05	9.52E-05	9.52E-05	1.14E-04	1.14E-04	1.14E-04	0.00E+00	9.14E-05	2.49E-06	1.30E-06	0.00E+00
Missouri	Mercer County	29129	R	Propylene Dichloride	2.99E-07	2.99E-07	2.99E-07	3.50E-07	3.50E-07	4.02E-07	4.02E-07	4.02E-07	0.00E+00	3.50E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Mercer County	29129	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
Missouri	Mercer County	29129	R	1,1,2,2-Tetrachloroethane	2.12E-06	2.12E-06	2.12E-06	2.73E-06	2.73E-06	3.34E-06	3.34E-06	3.34E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Mercer County	29129	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	0.00E+00	1.31E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Mercer County	29129	R	Vinyl Chloride	5.22E-06	5.22E-06	5.22E-06	6.72E-06	6.72E-06	8.22E-06	8.22E-06	8.22E-06	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	Acetaldehyde	3.17E-02	3.17E-02	3.17E-02	3.93E-02	4.47E-02	4.14E-02	7.95E-02	7.95E-02	0.00E+00	8.64E-03	2.86E-02	7.48E-03	0.00E+00
Missouri	Miller County	29131	R	Acrolein	7.39E-03	7.39E-03	8.09E-03	1.01E-02	1.03E-02	1.03E-02	1.55E-02	1.55E-02	0.00E+00	3.83E-03	4.68E-03	1.77E-03	0.00E+00
Missouri	Miller County	29131	R	Acrylonitrile	8.61E-06	8.61E-06	9.80E-06	1.26E-05	2.25E-05	1.47E-05	6.66E-05	6.66E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	Arsenic Compounds	5.21E-06	5.21E-06	6.09E-06	6.19E-06	1.09E-05	7.37E-06	2.97E-05	2.97E-05	0.00E+00	1.60E-06	7.44E-06	1.87E-06	0.00E+00
Missouri	Miller County	29131	R	Benzene	5.53E-01	5.53E-01	5.54E-01	5.78E-01	6.25E-01	5.94E-01	8.45E-01	8.45E-01	0.00E+00	4.35E-02	7.32E-02	2.80E-02	4.80E-01
Missouri	Miller County	29131	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
Missouri	Miller County	29131	R	Beryllium Compounds	1.49E-07	1.49E-07	1.55E-07	1.75E-07	4.47E-07	2.51E-07	1.50E-06	1.50E-06	0.00E+00	3.73E-07	0.00E+00	7.40E-08	0.00E+00
Missouri	Miller County	29131	R	1,3-Butadiene	2.79E-03	2.79E-03	3.45E-03	4.31E-03	7.97E-03	5.95E-03	2.33E-02	2.33E-02	0.00E+00	8.21E-04	5.48E-03	1.67E-03	0.00E+00
Missouri	Miller County	29131	R	Cadmium Compounds	3.12E-07	3.12E-07	3.40E-07	3.65E-07	8.13E-07	4.29E-07	2.62E-06	2.62E-06	0.00E+00	7.39E-07	0.00E+00	7.38E-08	0.00E+00
Missouri	Miller County	29131	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.71E-02	4.77E-02	4.77E-02	0.00E+00	2.14E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Miller County	29131	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	5.41E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Miller County	29131	R	Chloroform	8.37E-02	8.37E-02	8.39E-02	8.39E-02	8.48E-02	8.42E-02	8.82E-02	8.82E-02	0.00E+00	1.79E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Miller County	29131	R	Chromium Compounds (includes Hexavalent)	2.62E-05	2.62E-05	4.13E-05	4.62E-05	6.39E-05	5.12E-05	1.55E-04	1.55E-04	4.25E-05	1.66E-05	4.52E-06	3.04E-07	0.00E+00
Missouri	Miller County	29131	R	Chromium VI	9.11E-06	9.11E-06	1.42E-05	1.59E-05	2.21E-05	1.85E-05	5.27E-05	5.27E-05	1.44E-05	5.82E-06	1.74E-06	1.03E-07	0.00E+00
Missouri	Miller County	29131	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
Missouri	Miller County	29131	R	1,4-Dichlorobenzene	1.43E-03	1.43E-03	1.80E-03	1.81E-03	3.64E-03	2.51E-03	1.07E-02	1.07E-02	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	1,3-Dichloropropene	2.74E-03	2.74E-03	3.55E-03	3.55E-03	7.29E-03	5.01E-03	2.16E-02	2.16E-02	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	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	1.01E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Miller County	29131	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	1.52E-06	0.00E+00	0.00E+00	6.10E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Miller County	29131	R	Ethylene Oxide	7.07E-06	7.07E-06	7.94E-06	1.89E-05	2.04E-05	2.78E-05	4.04E-05	4.04E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	Formaldehyde	2.91E-01	2.91E-01	2.92E-01	3.01E-01	3.13E-01	3.05E-01	3.73E-01	3.73E-01	0.00E+00	1.65E-02	3.35E-02	1.25E-02	2.50E-01
Missouri	Miller County	29131	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.32E-05	9.47E-05	9.47E-05	0.00E+00	4.40E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Miller County	29131	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	2.95E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Miller County	29131	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	6.56E-08	1.21E-05	7.49E-08	6.06E-05	6.06E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	Hydrazine	7.97E-11	7.97E-11	1.32E-10	3.21E-10	2.60E-10	3.48E-10	4.19E-10	4.19E-10	0.00E+00	2.60E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	Lead Compounds	4.01E-05	4.01E-05	7.54E-05	9.98E-05	3.37E-04	2.69E-04	1.20E-03	1.20E-03	1.27E-06	2.07E-05	0.00E+00	3.15E-04	0.00E+00
Missouri	Miller County	29131	R	Manganese Compounds	2.78E-06	2.78E-06	2.89E-06	1.23E-05	1.29E-05	2.15E-05	2.51E-05	2.51E-05	3.47E-08	1.12E-05	1.45E-06	2.18E-07	0.00E+00
Missouri	Miller County	29131	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	0.00E+00	2.15E-06	8.52E-06	1.55E-06	1.50E-03
Missouri	Miller County	29131	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.60E-01	1.75E-01	1.60E-01	2.38E-01	2.38E-01	7.30E-04	2.39E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Miller County	29131	R	Nickel Compounds	7.74E-06	7.74E-06	9.15E-06	1.09E-05	3.90E-05	1.18E-05	1.56E-04	1.56E-04	3.22E-08	3.51E-05	3.40E-06	4.89E-07	0.00E+00
Missouri	Miller County	29131	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.49E-01	1.49E-01	0.00E+00	4.30E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Miller County	29131	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.91E-04	3.91E-04	4.31E-04	3.98E-04	5.82E-04	5.82E-04	0.00E+00	5.05E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Miller County	29131	R	Polycyclic Organic Matter	4.41E-03	4.41E-03	4.68E-03	5.42E-03	8.32E-03	6.15E-03	2.09E-02	2.09E-02	0.00E+00	6.47E-03	1.51E-03	3.31E-04	0.00E+00
Missouri	Miller County	29131	R	7-PAH	2.83E-04	2.83E-04	3.02E-04	3.63E-04	5.34E-04	3.98E-04	1.32E-03	1.32E-03	0.00E+00	5.16E-04	1.14E-05	6.82E-06	0.00E+00
Missouri	Miller County	29131	R	Propylene Dichloride	4.65E-07	4.65E-07	4.91E-07	6.96E-07	9.06E-07	7.04E-07	2.17E-06	2.17E-06	0.00E+00	9.06E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	Quinoline	1.39E-09	1.39E-09	3.40E-09	9.94E-09	7.88E-09	1.17E-08	1.30E-08	1.30E-08	0.00E+00	7.88E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	1,1,2,2-Tetrachloroethane	1.78E-06	1.78E-06	2.17E-06	3.09E-06	3.03E-06	3.66E-06	4.46E-06	4.46E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Miller County	29131	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.26E-02	8.16E-02	8.74E-02	8.74E-02	0.00E+00	1.65E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Miller County	29131	R	Vinyl Chloride	4.84E-06	4.84E-06	6.02E-06	7.74E-06	8.16E-06	1.05E-05	1.17E-05	1.17E-05	0.00E+00	8.16E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	Acetaldehyde	1.66E-01	1.66E-01	1.75E-01	2.14E-01	2.09E-01	2.43E-01	2.43E-01	2.43E-01	2.66E-02	6.65E-03	7.12E-02	1.05E-01	0.00E+00
Missouri	Mississippi County	29133	U	Acrolein	1.37E-02	1.37E-02	1.57E-02	1.98E-02	1.89E-02	2.21E-02	2.21E-02	2.21E-02	3.88E-04	3.48E-03	1.05E-02	4.51E-03	0.00E+00
Missouri	Mississippi County	29133	U	Acrylonitrile	4.58E-05	4.58E-05	5.66E-05	7.90E-05	7.37E-05	9.07E-05	9.09E-05	9.09E-05	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	Arsenic Compounds	2.08E-05	2.08E-05	2.65E-05	3.99E-05	3.71E-05	4.77E-05	4.78E-05	4.78E-05	6.20E-06	2.12E-06	1.61E-05	1.27E-05	0.00E+00
Missouri	Mississippi County	29133	U	Benzene	6.10E-01	6.10E-01	6.87E-01	8.08E-01	7.70E-01	8.53E-01	8.53E-01	8.53E-01	6.39E-05	3.92E-02	1.91E-01	5.93E-02	4.80E-01
Missouri	Mississippi County	29133	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
Missouri	Mississippi County	29133	U	Beryllium Compounds	1.79E-06	1.79E-06	1.79E-06	1.89E-06	1.89E-06	1.99E-06	1.99E-06	1.99E-06	1.15E-06	4.48E-07	0.00E+00	2.89E-07	0.00E+00
Missouri	Mississippi County	29133	U	1,3-Butadiene	4.01E-03	4.01E-03	1.06E-02	2.19E-02	1.86E-02	2.66E-02	2.66E-02	2.66E-02	3.24E-05	2.45E-04	1.56E-02	2.79E-03	0.00E+00
Missouri	Mississippi County	29133	U	Cadmium Compounds	2.09E-06	2.09E-06	2.49E-06	3.14E-06	2.95E-06	3.41E-06	3.42E-06	3.42E-06	8.10E-07	9.05E-07	0.00E+00	1.23E-06	0.00E+00
Missouri	Mississippi County	29133	U	Carbon Disulfide	4.82E-02	4.82E-02	4.84E-02	4.85E-02	4.85E-02	4.87E-02	4.88E-02	4.88E-02	1.07E-03	4.37E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Mississippi County	29133	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.82E-01	8.82E-01	1.54E-03	1.21E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Mississippi County	29133	U	Chloroform	9.52E-02	9.52E-02	9.53E-02	9.61E-02	9.64E-02	9.75E-02	9.81E-02	9.81E-02	7.90E-03	5.51E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Mississippi County	29133	U	Chromium Compounds (includes Hexavalent)	2.10E-05	2.10E-05	2.43E-05	3.62E-05	3.46E-05	4.50E-05	4.51E-05	4.51E-05	1.83E-05	1.51E-06	1.11E-05	3.76E-06	0.00E+00
Missouri	Mississippi County	29133	U	Chromium VI	4.42E-06	4.42E-06	6.08E-06	9.36E-06	8.54E-06	1.10E-05	1.10E-05	1.10E-05	2.09E-06	7.48E-07	4.42E-06	1.28E-06	0.00E+00
Missouri	Mississippi County	29133	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
Missouri	Mississippi County	29133	U	1,4-Dichlorobenzene	2.05E-03	2.05E-03	5.68E-03	9.31E-03	7.84E-03	1.00E-02	1.07E-02	1.07E-02	0.00E+00	7.84E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	1,3-Dichloropropene	3.97E-03	3.97E-03	1.14E-02	1.88E-02	1.58E-02	2.03E-02	2.17E-02	2.17E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	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	1.70E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Mississippi County	29133	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	1.37E-04	5.36E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Mississippi County	29133	U	Ethylene Oxide	1.33E-05	1.33E-05	1.38E-05	4.44E-05	4.44E-05	7.51E-05	7.57E-05	7.57E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	Formaldehyde	4.06E-01	4.06E-01	4.26E-01	4.85E-01	4.76E-01	5.25E-01	5.25E-01	5.25E-01	2.42E-03	1.21E-02	8.31E-02	1.28E-01	2.50E-01
Missouri	Mississippi County	29133	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	4.54E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Mississippi County	29133	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.86E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Mississippi County	29133	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
Missouri	Mississippi County	29133	U	Hydrazine	1.45E-11	1.45E-11	1.58E-11	3.13E-11	3.06E-11	4.54E-11	4.54E-11	4.54E-11	0.00E+00	3.06E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	Lead Compounds	7.40E-05	7.40E-05	1.12E-04	1.66E-04	1.48E-04	1.84E-04	1.85E-04	1.85E-04	3.92E-05	4.92E-05	0.00E+00	5.94E-05	0.00E+00
Missouri	Mississippi County	29133	U	Manganese Compounds	5.64E-05	5.64E-05	5.67E-05	6.20E-05	6.21E-05	6.74E-05	6.78E-05	6.78E-05	3.67E-05	1.22E-05	3.52E-06	9.70E-06	0.00E+00
Missouri	Mississippi County	29133	U	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	2.33E-07	1.70E-06	1.77E-05	1.27E-05	1.50E-03
Missouri	Mississippi County	29133	U	Methylene Chloride	3.27E-01	3.27E-01	3.40E-01	4.09E-01	4.03E-01	4.65E-01	4.67E-01	4.67E-01	2.19E-01	3.35E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Mississippi County	29133	U	Nickel Compounds	1.82E-04	1.82E-04	2.02E-04	2.57E-04	2.47E-04	2.93E-04	2.93E-04	2.93E-04	7.88E-06	2.91E-05	8.42E-06	2.02E-04	0.00E+00
Missouri	Mississippi County	29133	U	Perchloroethylene	1.43E-01	1.43E-01	1.45E-01	1.47E-01	1.46E-01	1.47E-01	1.47E-01	1.47E-01	2.85E-04	5.41E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Mississippi County	29133	U	Polychlorinated Biphenyls	3.90E-04	3.90E-04	4.08E-04	4.29E-04	4.20E-04	4.33E-04	4.33E-04	4.33E-04	0.00E+00	4.04E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Mississippi County	29133	U	Polycyclic Organic Matter	2.48E-02	2.48E-02	2.48E-02	2.63E-02	2.83E-02	3.18E-02	3.59E-02	3.59E-02	1.44E-02	8.89E-03	3.80E-03	1.23E-03	0.00E+00
Missouri	Mississippi County	29133	U	7-PAH	4.34E-04	4.34E-04	5.04E-04	5.75E-04	5.98E-04	6.91E-04	8.07E-04	8.07E-04	8.17E-05	4.53E-04	2.57E-05	3.70E-05	0.00E+00
Missouri	Mississippi County	29133	U	Propylene Dichloride	2.55E-06	2.55E-06	2.87E-06	3.20E-06	3.21E-06	3.54E-06	3.87E-06	3.87E-06	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	Quinoline	4.72E-10	4.72E-10	4.82E-10	8.89E-10	8.85E-10	1.29E-09	1.29E-09	1.29E-09	0.00E+00	8.85E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	1,1,2,2-Tetrachloroethane	7.32E-06	7.32E-06	7.36E-06	1.37E-05	1.68E-05	2.62E-05	3.23E-05	3.23E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Mississippi County	29133	U	Trichloroethylene	8.21E-02	8.21E-02	8.31E-02	8.42E-02	8.37E-02	8.42E-02	8.42E-02	8.42E-02	2.82E-04	2.39E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Mississippi County	29133	U	Vinyl Chloride	2.53E-05	2.53E-05	2.56E-05	4.03E-05	4.76E-05	6.96E-05	8.44E-05	8.44E-05	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	Acetaldehyde	4.33E-02	4.33E-02	4.49E-02	5.37E-02	6.11E-02	7.74E-02	9.39E-02	9.39E-02	0.00E+00	4.13E-03	4.22E-02	1.48E-02	0.00E+00
Missouri	Moniteau County	29135	R	Acrolein	9.94E-03	9.94E-03	1.02E-02	1.16E-02	1.37E-02	1.71E-02	2.15E-02	2.15E-02	0.00E+00	2.96E-03	8.47E-03	2.24E-03	0.00E+00
Missouri	Moniteau County	29135	R	Acrylonitrile	1.62E-05	1.62E-05	2.40E-05	3.67E-05	4.15E-05	5.91E-05	7.65E-05	7.65E-05	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	Arsenic Compounds	8.06E-06	8.06E-06	8.76E-06	9.58E-06	1.42E-05	1.95E-05	2.94E-05	2.94E-05	0.00E+00	2.04E-06	8.90E-06	3.22E-06	0.00E+00
Missouri	Moniteau County	29135	R	Benzene	5.80E-01	5.80E-01	5.83E-01	5.92E-01	6.39E-01	6.94E-01	7.90E-01	7.90E-01	0.00E+00	3.87E-02	9.84E-02	2.13E-02	4.80E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Moniteau County	29135	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
Missouri	Moniteau County	29135	R	Beryllium Compounds	8.77E-07	8.77E-07	1.18E-06	1.66E-06	2.24E-06	3.31E-06	4.78E-06	4.78E-06	0.00E+00	4.57E-07	0.00E+00	1.79E-06	0.00E+00
Missouri	Moniteau County	29135	R	1,3-Butadiene	2.45E-03	2.45E-03	2.84E-03	3.49E-03	6.77E-03	1.07E-02	1.76E-02	1.76E-02	0.00E+00	4.24E-04	5.07E-03	1.27E-03	0.00E+00
Missouri	Moniteau County	29135	R	Cadmium Compounds	1.19E-06	1.19E-06	1.53E-06	2.02E-06	2.78E-06	4.03E-06	5.90E-06	5.90E-06	0.00E+00	9.84E-07	0.00E+00	1.80E-06	0.00E+00
Missouri	Moniteau County	29135	R	Carbon Disulfide	4.73E-02	4.73E-02	4.74E-02	4.75E-02	4.76E-02	4.79E-02	4.83E-02	4.83E-02	0.00E+00	6.36E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Moniteau County	29135	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	7.31E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Moniteau County	29135	R	Chloroform	8.45E-02	8.45E-02	8.47E-02	8.50E-02	8.62E-02	8.78E-02	9.05E-02	9.05E-02	0.00E+00	3.24E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Moniteau County	29135	R	Chromium Compounds (includes Hexavalent)	3.33E-04	3.33E-04	4.34E-04	5.54E-04	5.47E-04	6.61E-04	7.48E-04	7.48E-04	4.90E-04	5.10E-05	5.77E-06	7.00E-07	0.00E+00
Missouri	Moniteau County	29135	R	Chromium VI	1.14E-04	1.14E-04	1.48E-04	1.89E-04	1.87E-04	2.25E-04	2.55E-04	2.55E-04	1.66E-04	1.76E-05	2.29E-06	2.38E-07	0.00E+00
Missouri	Moniteau County	29135	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
Missouri	Moniteau County	29135	R	1,4-Dichlorobenzene	2.45E-03	2.45E-03	2.70E-03	2.96E-03	4.78E-03	6.85E-03	1.07E-02	1.07E-02	0.00E+00	4.78E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	1,3-Dichloropropene	4.59E-03	4.59E-03	5.08E-03	5.66E-03	9.32E-03	1.36E-02	2.14E-02	2.14E-02	0.00E+00	9.32E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	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	1.05E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Moniteau County	29135	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	5.48E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Moniteau County	29135	R	Ethylene Oxide	4.61E-05	4.61E-05	6.42E-05	8.30E-05	7.92E-05	9.43E-05	1.05E-04	1.05E-04	0.00E+00	7.92E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	Formaldehyde	3.07E-01	3.07E-01	3.07E-01	3.15E-01	3.31E-01	3.55E-01	3.89E-01	3.89E-01	4.40E-06	1.03E-02	4.54E-02	2.55E-02	2.50E-01
Missouri	Moniteau County	29135	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.36E-05	9.40E-05	9.40E-05	0.00E+00	4.03E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Moniteau County	29135	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	3.67E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Moniteau County	29135	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	4.24E-07	9.04E-07	7.02E-07	9.80E-07	1.00E-06	1.00E-06	0.00E+00	7.02E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	Hydrazine	2.06E-09	2.06E-09	3.22E-09	4.63E-09	9.47E-09	1.57E-08	2.65E-08	2.65E-08	0.00E+00	9.47E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	Lead Compounds	8.23E-05	8.23E-05	1.37E-04	2.79E-04	2.65E-04	3.93E-04	4.19E-04	4.19E-04	2.27E-05	9.37E-05	0.00E+00	1.49E-04	0.00E+00
Missouri	Moniteau County	29135	R	Manganese Compounds	3.98E-05	3.98E-05	8.37E-05	1.72E-04	1.51E-04	2.18E-04	2.20E-04	2.20E-04	1.22E-06	1.47E-04	1.81E-06	5.83E-07	0.00E+00
Missouri	Moniteau County	29135	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	0.00E+00	2.26E-06	1.01E-05	4.82E-06	1.50E-03
Missouri	Moniteau County	29135	R	Methylene Chloride	1.62E-01	1.62E-01	1.64E-01	1.68E-01	1.77E-01	1.90E-01	2.11E-01	2.11E-01	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Moniteau County	29135	R	Nickel Compounds	1.79E-05	1.79E-05	2.35E-05	3.05E-05	5.98E-05	9.60E-05	1.60E-04	1.60E-04	1.13E-06	4.94E-05	4.42E-06	4.86E-06	0.00E+00
Missouri	Moniteau County	29135	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.45E-01	1.46E-01	1.48E-01	1.50E-01	1.50E-01	0.00E+00	5.57E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Moniteau County	29135	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.94E-04	4.02E-04	4.22E-04	4.50E-04	4.92E-04	4.92E-04	0.00E+00	4.19E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Moniteau County	29135	R	Polycyclic Organic Matter	6.81E-03	6.81E-03	6.82E-03	6.88E-03	9.81E-03	1.28E-02	1.87E-02	1.87E-02	2.25E-05	7.22E-03	1.99E-03	5.76E-04	0.00E+00
Missouri	Moniteau County	29135	R	7-PAH	3.05E-04	3.05E-04	3.25E-04	3.53E-04	4.77E-04	6.29E-04	8.99E-04	8.99E-04	0.00E+00	4.55E-04	1.43E-05	8.35E-06	0.00E+00
Missouri	Moniteau County	29135	R	Propylene Dichloride	1.25E-06	1.25E-06	1.86E-06	2.52E-06	2.63E-06	3.40E-06	4.24E-06	4.24E-06	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	Quinoline	6.51E-08	6.51E-08	6.54E-08	9.77E-08	1.13E-07	1.61E-07	1.92E-07	1.92E-07	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	1,1,2,2-Tetrachloroethane	3.62E-06	3.62E-06	4.86E-06	6.35E-06	7.25E-06	9.64E-06	1.27E-05	1.27E-05	0.00E+00	7.25E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Moniteau County	29135	R	Trichloroethylene	8.27E-02	8.27E-02	8.29E-02	8.52E-02	8.74E-02	9.19E-02	9.65E-02	9.65E-02	3.17E-03	3.23E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Moniteau County	29135	R	Vinyl Chloride	1.11E-05	1.11E-05	2.43E-05	7.28E-05	7.47E-05	1.25E-04	1.42E-04	1.42E-04	4.94E-05	2.53E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	Acetaldehyde	2.90E-02	2.90E-02	2.90E-02	2.93E-02	3.13E-02	3.55E-02	3.55E-02	3.55E-02	2.10E-03	2.33E-03	1.01E-02	1.67E-02	0.00E+00
Missouri	Monroe County	29137	R	Acrolein	4.21E-03	4.21E-03	4.21E-03	4.54E-03	4.92E-03	6.02E-03	6.02E-03	6.02E-03	4.70E-07	1.31E-03	1.94E-03	1.67E-03	0.00E+00
Missouri	Monroe County	29137	R	Acrylonitrile	2.48E-05	2.48E-05	2.48E-05	2.56E-05	2.69E-05	3.04E-05	3.04E-05	3.04E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	Arsenic Compounds	4.78E-06	4.78E-06	4.78E-06	5.29E-06	6.25E-06	8.69E-06	8.69E-06	8.69E-06	1.35E-06	3.48E-07	1.90E-06	2.66E-06	0.00E+00
Missouri	Monroe County	29137	R	Benzene	5.22E-01	5.22E-01	5.22E-01	5.27E-01	5.38E-01	5.64E-01	5.64E-01	5.64E-01	2.55E-04	9.77E-03	2.04E-02	2.72E-02	4.80E-01
Missouri	Monroe County	29137	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
Missouri	Monroe County	29137	R	Beryllium Compounds	4.01E-07	4.01E-07	4.01E-07	4.79E-07	5.82E-07	8.68E-07	8.68E-07	8.68E-07	5.22E-08	1.42E-07	0.00E+00	3.89E-07	0.00E+00
Missouri	Monroe County	29137	R	1,3-Butadiene	1.50E-03	1.50E-03	1.50E-03	1.98E-03	2.52E-03	4.07E-03	4.07E-03	4.07E-03	0.00E+00	2.97E-04	8.84E-04	1.34E-03	0.00E+00
Missouri	Monroe County	29137	R	Cadmium Compounds	5.24E-07	5.24E-07	5.24E-07	6.13E-07	1.74E-05	5.11E-05	5.11E-05	5.11E-05	1.67E-05	3.21E-07	0.00E+00	3.88E-07	0.00E+00
Missouri	Monroe County	29137	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	2.30E-07	5.51E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Monroe County	29137	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	1.26E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Monroe County	29137	R	Chloroform	8.40E-02	8.40E-02	8.40E-02	8.40E-02	8.40E-02	8.41E-02	8.41E-02	8.41E-02	0.00E+00	1.01E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Monroe County	29137	R	Chromium Compounds (includes Hexavalent)	4.48E-06	4.48E-06	4.48E-06	1.07E-05	1.28E-05	2.31E-05	2.31E-05	2.31E-05	3.77E-06	7.47E-06	1.21E-06	3.19E-07	0.00E+00
Missouri	Monroe County	29137	R	Chromium VI	1.72E-06	1.72E-06	1.72E-06	1.93E-06	7.13E-06	1.77E-05	1.77E-05	1.77E-05	5.87E-07	5.95E-06	4.86E-07	1.08E-07	0.00E+00
Missouri	Monroe County	29137	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
Missouri	Monroe County	29137	R	1,4-Dichlorobenzene	8.78E-04	8.78E-04	8.78E-04	8.79E-04	8.89E-04	9.11E-04	9.11E-04	9.11E-04	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	1,3-Dichloropropene	1.70E-03	1.70E-03	1.70E-03	1.71E-03	1.72E-03	1.76E-03	1.76E-03	1.76E-03	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	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	1.51E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Monroe County	29137	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	7.06E-08	3.24E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Monroe County	29137	R	Ethylene Oxide	2.68E-05	2.68E-05	2.68E-05	3.04E-05	3.08E-05	3.53E-05	3.53E-05	3.53E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	Formaldehyde	2.95E-01	2.95E-01	2.95E-01	2.98E-01	2.97E-01	2.99E-01	2.99E-01	2.99E-01	8.33E-03	5.51E-03	1.02E-02	2.32E-02	2.50E-01
Missouri	Monroe County	29137	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	1.08E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Monroe County	29137	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	5.82E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Monroe County	29137	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
Missouri	Monroe County	29137	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-10	3.84E-10	3.84E-10	3.84E-10	0.00E+00	1.28E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	Lead Compounds	2.21E-05	2.21E-05	2.21E-05	3.07E-05	1.88E-04	5.13E-04	5.13E-04	5.13E-04	9.91E-05	7.49E-05	0.00E+00	1.45E-05	0.00E+00
Missouri	Monroe County	29137	R	Manganese Compounds	2.12E-06	2.12E-06	2.12E-06	3.15E-05	9.81E-04	2.91E-03	2.91E-03	2.91E-03	1.17E-05	9.68E-04	3.50E-07	2.85E-07	0.00E+00
Missouri	Monroe County	29137	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	5.01E-06	6.10E-07	2.20E-06	2.67E-06	1.50E-03
Missouri	Monroe County	29137	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.58E-01	1.58E-01	1.58E-01	3.18E-03	4.28E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Monroe County	29137	R	Nickel Compounds	5.87E-06	5.87E-06	5.87E-06	6.89E-06	2.85E-05	7.28E-05	7.28E-05	7.28E-05	4.89E-07	2.65E-05	9.25E-07	6.61E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Monroe County	29137	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.44E-01	1.44E-01	1.47E-01	1.47E-01	1.47E-01	7.15E-08	4.18E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Monroe County	29137	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.86E-04	3.86E-04	3.88E-04	3.88E-04	3.88E-04	0.00E+00	6.23E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Monroe County	29137	R	Polycyclic Organic Matter	2.79E-03	2.79E-03	2.79E-03	2.89E-03	3.92E-03	6.07E-03	6.07E-03	6.07E-03	1.46E-05	3.24E-03	4.20E-04	2.42E-04	0.00E+00
Missouri	Monroe County	29137	R	7-PAH	1.33E-04	1.33E-04	1.33E-04	1.48E-04	1.44E-04	1.52E-04	1.52E-04	1.52E-04	2.95E-09	1.34E-04	2.93E-06	7.78E-06	0.00E+00
Missouri	Monroe County	29137	R	Propylene Dichloride	1.39E-06	1.39E-06	1.39E-06	1.45E-06	1.43E-06	1.46E-06	1.46E-06	1.46E-06	0.00E+00	1.43E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-09	1.24E-08	1.24E-08	1.24E-08	0.00E+00	4.14E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	1,1,2,2-Tetrachloroethane	1.13E-05	1.13E-05	1.13E-05	1.14E-05	1.16E-05	1.21E-05	1.21E-05	1.21E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Monroe County	29137	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.23E-02	8.23E-02	8.31E-02	8.31E-02	8.31E-02	8.99E-04	4.29E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Monroe County	29137	R	Vinyl Chloride	3.09E-05	3.09E-05	3.09E-05	3.10E-05	3.20E-05	3.41E-05	3.41E-05	3.41E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Acetaldehyde	2.43E-02	2.43E-02	3.00E-02	3.72E-02	3.78E-02	4.55E-02	5.24E-02	5.24E-02	1.55E-06	2.06E-03	2.44E-02	1.13E-02	0.00E+00
Missouri	Montgomery County	29139	R	Acrolein	5.35E-03	5.35E-03	6.25E-03	7.43E-03	7.31E-03	8.37E-03	9.03E-03	9.03E-03	1.49E-06	2.28E-03	4.15E-03	8.83E-04	0.00E+00
Missouri	Montgomery County	29139	R	Acrylonitrile	2.57E-05	2.57E-05	3.18E-05	4.95E-05	6.39E-05	9.60E-05	1.31E-04	1.31E-04	8.78E-07	6.30E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Arsenic Compounds	6.76E-06	6.76E-06	8.16E-06	9.63E-06	9.63E-06	1.11E-05	1.25E-05	1.25E-05	2.83E-07	1.29E-06	5.38E-06	2.68E-06	0.00E+00
Missouri	Montgomery County	29139	R	Benzene	5.27E-01	5.27E-01	5.39E-01	5.56E-01	5.56E-01	5.72E-01	5.84E-01	5.84E-01	3.79E-06	1.62E-02	4.91E-02	1.04E-02	4.80E-01
Missouri	Montgomery County	29139	R	Benzidine	7.80E-10	7.80E-10	1.42E-09	2.56E-09	3.49E-09	5.57E-09	8.08E-09	8.08E-09	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Beryllium Compounds	2.27E-07	2.27E-07	2.54E-07	3.43E-07	3.42E-07	4.30E-07	4.54E-07	4.54E-07	1.51E-08	1.08E-07	0.00E+00	2.19E-07	0.00E+00
Missouri	Montgomery County	29139	R	1,3-Butadiene	1.62E-03	1.62E-03	2.39E-03	3.94E-03	3.81E-03	5.24E-03	5.75E-03	5.75E-03	1.66E-07	5.47E-04	2.70E-03	5.67E-04	0.00E+00
Missouri	Montgomery County	29139	R	Cadmium Compounds	4.29E-07	4.29E-07	4.48E-07	5.56E-07	5.59E-07	6.70E-07	6.95E-07	6.95E-07	3.78E-08	2.97E-07	0.00E+00	2.24E-07	0.00E+00
Missouri	Montgomery County	29139	R	Carbon Disulfide	4.72E-02	4.72E-02	4.73E-02	4.75E-02	4.75E-02	4.76E-02	4.77E-02	4.77E-02	3.92E-04	7.51E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Montgomery County	29139	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	1.88E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Montgomery County	29139	R	Chloroform	8.38E-02	8.38E-02	8.40E-02	8.41E-02	8.41E-02	8.43E-02	8.45E-02	8.45E-02	0.00E+00	1.14E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Montgomery County	29139	R	Chromium Compounds (includes Hexavalent)	7.76E-06	7.76E-06	8.66E-06	9.58E-06	9.16E-06	9.66E-06	9.70E-06	9.70E-06	2.20E-07	5.50E-06	3.26E-06	1.73E-07	0.00E+00
Missouri	Montgomery County	29139	R	Chromium VI	2.74E-06	2.74E-06	2.97E-06	3.33E-06	3.41E-06	3.84E-06	4.23E-06	4.23E-06	9.50E-08	1.96E-06	1.29E-06	5.87E-08	0.00E+00
Missouri	Montgomery County	29139	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
Missouri	Montgomery County	29139	R	1,4-Dichlorobenzene	1.06E-03	1.06E-03	1.09E-03	1.39E-03	1.41E-03	1.73E-03	1.79E-03	1.79E-03	7.01E-09	1.41E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	1,3-Dichloropropene	2.03E-03	2.03E-03	2.10E-03	2.69E-03	2.73E-03	3.36E-03	3.51E-03	3.51E-03	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	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	3.41E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Montgomery County	29139	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.37E-08	7.24E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Montgomery County	29139	R	Ethylene Oxide	1.09E-05	1.09E-05	1.15E-05	1.58E-05	1.66E-05	2.17E-05	2.39E-05	2.39E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Formaldehyde	2.86E-01	2.86E-01	2.95E-01	3.04E-01	3.04E-01	3.13E-01	3.20E-01	3.20E-01	1.76E-07	8.73E-03	2.63E-02	1.85E-02	2.50E-01
Missouri	Montgomery County	29139	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	1.63E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Montgomery County	29139	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	9.22E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Montgomery County	29139	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-10	3.82E-10	7.64E-10	7.64E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Hydrazine	4.21E-11	4.21E-11	6.14E-11	8.42E-11	8.46E-11	1.08E-10	1.28E-10	1.28E-10	0.00E+00	8.46E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Lead Compounds	1.52E-05	1.52E-05	1.64E-05	1.78E-05	1.89E-05	2.15E-05	2.49E-05	2.49E-05	6.06E-07	9.83E-06	0.00E+00	8.50E-06	0.00E+00
Missouri	Montgomery County	29139	R	Manganese Compounds	9.55E-06	9.55E-06	9.80E-06	1.10E-05	1.69E-05	2.39E-05	3.60E-05	3.60E-05	6.59E-06	8.96E-06	1.02E-06	2.92E-07	0.00E+00
Missouri	Montgomery County	29139	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	6.07E-08	8.08E-07	6.31E-06	2.55E-06	1.50E-03
Missouri	Montgomery County	29139	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.59E-01	1.59E-01	1.60E-01	1.61E-01	1.61E-01	2.49E-03	6.05E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Montgomery County	29139	R	Nickel Compounds	1.03E-05	1.03E-05	1.34E-05	2.19E-05	2.14E-05	2.95E-05	3.16E-05	3.16E-05	1.93E-07	1.70E-05	2.50E-06	1.75E-06	0.00E+00
Missouri	Montgomery County	29139	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.03E-06	2.36E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Montgomery County	29139	R	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.91E-04	3.94E-04	3.94E-04	3.97E-04	3.98E-04	3.98E-04	0.00E+00	1.41E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Montgomery County	29139	R	Polycyclic Organic Matter	2.63E-03	2.63E-03	3.20E-03	3.91E-03	3.88E-03	4.56E-03	5.07E-03	5.07E-03	8.34E-07	2.63E-03	1.06E-03	1.86E-04	0.00E+00
Missouri	Montgomery County	29139	R	7-PAH	1.61E-04	1.61E-04	1.99E-04	2.43E-04	2.30E-04	2.62E-04	2.74E-04	2.74E-04	3.16E-10	2.19E-04	8.23E-06	2.84E-06	0.00E+00
Missouri	Montgomery County	29139	R	Propylene Dichloride	1.41E-06	1.41E-06	1.74E-06	2.78E-06	3.66E-06	5.58E-06	7.68E-06	7.68E-06	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Quinoline	1.02E-09	1.02E-09	1.93E-09	2.90E-09	2.75E-09	3.56E-09	4.17E-09	4.17E-09	0.00E+00	2.75E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	1,1,2,2-Tetrachloroethane	1.09E-05	1.09E-05	1.39E-05	2.33E-05	3.15E-05	4.90E-05	6.83E-05	6.83E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Montgomery County	29139	R	Trichloroethylene	8.41E-02	8.41E-02	8.43E-02	8.56E-02	9.62E-02	1.08E-01	1.29E-01	1.29E-01	8.97E-06	1.52E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Montgomery County	29139	R	Vinyl Chloride	2.98E-05	2.98E-05	3.58E-05	5.85E-05	7.87E-05	1.22E-04	1.68E-04	1.68E-04	0.00E+00	7.87E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	R	Acetaldehyde	3.30E-02	3.30E-02	3.70E-02	4.69E-02	4.26E-02	4.80E-02	4.83E-02	4.83E-02	0.00E+00	7.03E-03	2.31E-02	1.24E-02	0.00E+00
Missouri	Morgan County	29141	R	Acrolein	9.11E-03	9.11E-03	1.17E-02	1.26E-02	1.25E-02	1.45E-02	1.47E-02	1.47E-02	0.00E+00	4.52E-03	4.73E-03	3.28E-03	0.00E+00
Missouri	Morgan County	29141	R	Acrylonitrile	1.92E-05	1.92E-05	2.29E-05	3.60E-05	1.79E-04	6.00E-05	7.58E-04	7.58E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	R	Arsenic Compounds	6.08E-06	6.08E-06	6.25E-06	6.99E-06	8.44E-06	1.04E-05	1.25E-05	1.25E-05	0.00E+00	8.97E-07	5.47E-06	2.08E-06	0.00E+00
Missouri	Morgan County	29141	R	Benzene	5.70E-01	5.70E-01	6.17E-01	6.27E-01	6.31E-01	6.58E-01	6.83E-01	6.83E-01	0.00E+00	4.37E-02	5.41E-02	5.31E-02	4.80E-01
Missouri	Morgan County	29141	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
Missouri	Morgan County	29141	R	Beryllium Compounds	1.95E-07	1.95E-07	1.97E-07	5.79E-07	5.09E-07	6.57E-07	9.15E-07	9.15E-07	0.00E+00	2.05E-07	0.00E+00	3.04E-07	0.00E+00
Missouri	Morgan County	29141	R	1,3-Butadiene	2.72E-03	2.72E-03	4.99E-03	7.24E-03	6.41E-03	8.18E-03	8.91E-03	8.91E-03	0.00E+00	1.08E-03	2.81E-03	2.52E-03	0.00E+00
Missouri	Morgan County	29141	R	Cadmium Compounds	4.29E-07	4.29E-07	4.83E-07	8.91E-07	8.48E-07	9.38E-07	1.50E-06	1.50E-06	0.00E+00	5.45E-07	0.00E+00	3.03E-07	0.00E+00
Missouri	Morgan County	29141	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	0.00E+00	1.80E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Morgan County	29141	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	4.26E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Morgan County	29141	R	Chloroform	8.41E-02	8.41E-02	8.42E-02	8.44E-02	8.47E-02	8.47E-02	8.61E-02	8.61E-02	0.00E+00	1.71E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Morgan County	29141	R	Chromium Compounds (includes Hexavalent)	3.69E-06	3.69E-06	4.06E-06	5.39E-06	4.12E-05	6.24E-06	1.87E-04	1.87E-04	3.67E-05	6.16E-07	3.36E-06	5.23E-07	0.00E+00
Missouri	Morgan County	29141	R	Chromium VI	1.47E-06	1.47E-06	1.58E-06	2.14E-06	1.43E-05	2.59E-06	6.36E-05	6.36E-05	1.25E-05	2.96E-07	1.33E-06	1.78E-07	0.00E+00
Missouri	Morgan County	29141	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
Missouri	Morgan County	29141	R	1,4-Dichlorobenzene	1.87E-03	1.87E-03	1.94E-03	2.22E-03	2.92E-03	3.10E-03	5.48E-03	5.48E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Morgan County	29141	R	1,3-Dichloropropene	3.57E-03	3.57E-03	3.75E-03	4.35E-03	5.74E-03	6.19E-03	1.08E-02	1.08E-02	0.00E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	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	9.82E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Morgan County	29141	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	0.00E+00	2.05E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Morgan County	29141	R	Ethylene Oxide	2.65E-05	2.65E-05	5.73E-05	6.96E-05	6.16E-05	7.56E-05	7.91E-05	7.91E-05	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	R	Formaldehyde	2.96E-01	2.96E-01	3.12E-01	3.15E-01	3.12E-01	3.18E-01	3.19E-01	3.19E-01	9.73E-06	1.91E-02	2.50E-02	1.79E-02	2.50E-01
Missouri	Morgan County	29141	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.32E-05	9.40E-05	9.40E-05	0.00E+00	3.60E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Morgan County	29141	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	2.22E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Morgan County	29141	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
Missouri	Morgan County	29141	R	Hydrazine	3.58E-11	3.58E-11	4.16E-11	6.27E-11	1.39E-10	8.78E-11	4.69E-10	4.69E-10	0.00E+00	1.39E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	R	Lead Compounds	4.63E-05	4.63E-05	5.91E-05	5.92E-05	7.52E-05	9.40E-05	1.17E-04	1.17E-04	1.59E-06	1.81E-05	0.00E+00	5.55E-05	0.00E+00
Missouri	Morgan County	29141	R	Manganese Compounds	3.25E-06	3.25E-06	3.84E-06	3.37E-05	2.56E-05	3.96E-05	4.75E-05	4.75E-05	0.00E+00	2.42E-05	1.04E-06	2.93E-07	0.00E+00
Missouri	Morgan County	29141	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	1.30E-06	6.37E-06	1.88E-06	1.50E-03
Missouri	Morgan County	29141	R	Methylene Chloride	1.59E-01	1.59E-01	1.60E-01	1.65E-01	1.67E-01	1.66E-01	1.86E-01	1.86E-01	1.34E-03	1.55E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Morgan County	29141	R	Nickel Compounds	1.12E-05	1.12E-05	1.13E-05	1.15E-05	1.80E-05	1.19E-05	4.41E-05	4.41E-05	0.00E+00	1.48E-05	2.52E-06	6.67E-07	0.00E+00
Missouri	Morgan County	29141	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.45E-01	1.46E-01	1.47E-01	1.47E-01	0.00E+00	4.77E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Morgan County	29141	R	Polychlorinated Biphenyls	3.96E-04	3.96E-04	3.99E-04	4.00E-04	4.20E-04	4.02E-04	5.02E-04	5.02E-04	0.00E+00	3.98E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Morgan County	29141	R	Polycyclic Organic Matter	6.06E-03	6.06E-03	6.48E-03	7.40E-03	8.39E-03	8.30E-03	1.37E-02	1.37E-02	3.90E-05	6.87E-03	1.11E-03	3.69E-04	0.00E+00
Missouri	Morgan County	29141	R	7-PAH	3.86E-04	3.86E-04	4.54E-04	4.68E-04	5.86E-04	5.99E-04	1.02E-03	1.02E-03	0.00E+00	5.64E-04	8.50E-06	1.33E-05	0.00E+00
Missouri	Morgan County	29141	R	Propylene Dichloride	9.00E-07	9.00E-07	1.14E-06	2.01E-06	1.05E-05	3.58E-06	4.49E-05	4.49E-05	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	R	Quinoline	8.78E-10	8.78E-10	1.31E-09	1.84E-09	5.41E-09	2.39E-09	2.06E-08	2.06E-08	0.00E+00	5.41E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	R	1,1,2,2-Tetrachloroethane	5.80E-06	5.80E-06	7.98E-06	1.66E-05	9.25E-05	2.91E-05	4.03E-04	4.03E-04	0.00E+00	9.25E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Morgan County	29141	R	Trichloroethylene	8.17E-02	8.17E-02	8.17E-02	8.83E-02	8.69E-02	9.12E-02	9.14E-02	9.14E-02	4.70E-03	1.15E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Morgan County	29141	R	Vinyl Chloride	1.44E-05	1.44E-05	1.98E-05	4.10E-05	2.28E-04	7.24E-05	9.93E-04	9.93E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	Acetaldehyde	6.54E-02	6.54E-02	1.26E-01	1.56E-01	1.38E-01	1.58E-01	1.68E-01	1.68E-01	6.49E-03	1.00E-02	6.35E-02	5.84E-02	0.00E+00
Missouri	New Madrid County	29143	R	Acrolein	8.21E-03	8.21E-03	1.26E-02	1.41E-02	1.48E-02	1.93E-02	2.02E-02	2.02E-02	4.53E-05	1.32E-03	9.72E-03	3.69E-03	0.00E+00
Missouri	New Madrid County	29143	R	Acrylonitrile	2.43E-05	2.43E-05	4.39E-05	5.77E-05	7.39E-05	9.42E-05	1.66E-04	1.66E-04	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	Arsenic Compounds	1.61E-05	1.61E-05	2.73E-05	3.46E-05	3.52E-05	4.85E-05	5.01E-05	5.01E-05	1.13E-05	1.77E-06	1.39E-05	8.22E-06	0.00E+00
Missouri	New Madrid County	29143	R	Benzene	5.66E-01	5.66E-01	6.36E-01	6.57E-01	7.08E-01	8.27E-01	9.06E-01	9.06E-01	8.77E-04	3.33E-02	1.46E-01	4.84E-02	4.80E-01
Missouri	New Madrid County	29143	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
Missouri	New Madrid County	29143	R	Beryllium Compounds	6.66E-07	6.66E-07	1.04E-06	1.33E-06	1.40E-06	1.78E-06	2.25E-06	2.25E-06	6.24E-07	3.55E-07	0.00E+00	4.21E-07	0.00E+00
Missouri	New Madrid County	29143	R	1,3-Butadiene	2.19E-03	2.19E-03	5.99E-03	8.08E-03	1.24E-02	2.37E-02	2.66E-02	2.66E-02	3.91E-06	1.12E-04	1.03E-02	2.04E-03	0.00E+00
Missouri	New Madrid County	29143	R	Cadmium Compounds	2.04E-06	2.04E-06	2.61E-06	3.32E-06	3.34E-06	3.94E-06	4.83E-06	4.83E-06	1.64E-06	8.73E-07	0.00E+00	8.36E-07	0.00E+00
Missouri	New Madrid County	29143	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.74E-02	4.76E-02	4.76E-02	6.13E-05	1.80E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	New Madrid County	29143	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	7.73E-05	4.73E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	New Madrid County	29143	R	Chloroform	8.35E-02	8.35E-02	8.35E-02	8.36E-02	8.41E-02	8.40E-02	8.65E-02	8.65E-02	3.98E-04	7.10E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	New Madrid County	29143	R	Chromium Compounds (includes Hexavalent)	9.05E-05	9.05E-05	1.03E-04	1.31E-04	1.64E-04	1.58E-04	3.68E-04	3.68E-04	7.85E-05	7.43E-05	9.07E-06	1.96E-06	0.00E+00
Missouri	New Madrid County	29143	R	Chromium VI	2.27E-05	2.27E-05	2.67E-05	4.31E-05	8.00E-05	4.92E-05	2.95E-04	2.95E-04	5.02E-05	2.55E-05	3.67E-06	6.66E-07	0.00E+00
Missouri	New Madrid County	29143	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
Missouri	New Madrid County	29143	R	1,4-Dichlorobenzene	1.74E-03	1.74E-03	2.12E-03	2.95E-03	3.98E-03	5.07E-03	9.05E-03	9.05E-03	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	1,3-Dichloropropene	3.34E-03	3.34E-03	4.09E-03	5.78E-03	7.89E-03	1.01E-02	1.83E-02	1.83E-02	0.00E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	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
Missouri	New Madrid County	29143	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	8.03E-06	7.85E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	New Madrid County	29143	R	Ethylene Oxide	2.24E-05	2.24E-05	2.90E-05	3.56E-05	4.47E-05	5.68E-05	8.87E-05	8.87E-05	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	Formaldehyde	3.25E-01	3.25E-01	3.83E-01	4.00E-01	4.05E-01	4.50E-01	4.74E-01	4.74E-01	4.93E-03	4.95E-03	6.71E-02	7.84E-02	2.50E-01
Missouri	New Madrid County	29143	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.36E-05	9.36E-05	0.00E+00	3.31E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	New Madrid County	29143	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	2.48E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	New Madrid County	29143	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
Missouri	New Madrid County	29143	R	Hydrazine	7.72E-11	7.72E-11	2.55E-10	1.29E-09	1.15E-09	1.98E-09	1.98E-09	1.98E-09	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	Lead Compounds	5.22E-05	5.22E-05	6.32E-05	6.76E-05	7.80E-05	7.94E-05	1.38E-04	1.38E-04	1.57E-05	5.57E-06	0.00E+00	5.67E-05	0.00E+00
Missouri	New Madrid County	29143	R	Manganese Compounds	1.47E-04	1.47E-04	4.25E-04	6.49E-04	6.02E-04	7.79E-04	9.66E-04	9.66E-04	2.45E-04	3.50E-04	2.91E-06	4.67E-06	0.00E+00
Missouri	New Madrid County	29143	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.28E-07	1.58E-06	1.58E-05	8.25E-06	1.50E-03
Missouri	New Madrid County	29143	R	Methylene Chloride	1.58E-01	1.58E-01	1.59E-01	1.65E-01	1.77E-01	1.83E-01	2.35E-01	2.35E-01	1.07E-02	1.66E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	New Madrid County	29143	R	Nickel Compounds	9.62E-05	9.62E-05	1.36E-04	2.45E-04	4.22E-04	2.94E-04	1.52E-03	1.52E-03	2.71E-04	5.27E-05	6.85E-06	9.17E-05	0.00E+00
Missouri	New Madrid County	29143	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.45E-01	1.46E-01	1.46E-01	1.47E-05	3.56E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	New Madrid County	29143	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.95E-04	3.99E-04	4.08E-04	4.19E-04	4.43E-04	4.43E-04	3.02E-10	2.78E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	New Madrid County	29143	R	Polycyclic Organic Matter	3.86E-02	3.86E-02	4.94E-02	8.02E-02	8.46E-02	1.22E-01	1.37E-01	1.37E-01	7.38E-02	7.08E-03	2.98E-03	7.69E-04	0.00E+00
Missouri	New Madrid County	29143	R	7-PAH	4.37E-04	4.37E-04	4.55E-04	8.65E-04	9.01E-04	1.19E-03	1.59E-03	1.59E-03	4.71E-04	3.85E-04	2.19E-05	2.32E-05	0.00E+00
Missouri	New Madrid County	29143	R	Propylene Dichloride	1.31E-06	1.31E-06	2.20E-06	2.92E-06	4.06E-06	5.27E-06	9.75E-06	9.75E-06	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	Quinoline	1.63E-09	1.63E-09	2.10E-09	5.19E-09	5.17E-09	8.46E-09	8.47E-09	8.47E-09	0.00E+00	5.17E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	1,1,2,2-Tetrachloroethane	1.04E-05	1.04E-05	1.19E-05	2.14E-05	3.24E-05	4.38E-05	8.54E-05	8.54E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	New Madrid County	29143	R	Trichloroethylene	8.15E-02	8.15E-02	8.17E-02	8.26E-02	8.28E-02	8.34E-02	8.52E-02	8.52E-02	1.35E-05	1.83E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	New Madrid County	29143	R	Vinyl Chloride	2.57E-05	2.57E-05	3.65E-05	5.30E-05	8.18E-05	1.08E-04	2.15E-04	2.15E-04	0.00E+00	8.18E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	Acetaldehyde	4.58E-02	4.58E-02	4.70E-02	5.99E-02	7.67E-02	9.12E-02	1.48E-01	1.98E-01	2.28E-03	7.69E-03	5.90E-02	7.81E-03	0.00E+00
Missouri	Newton County	29145	R	Acrolein	8.38E-03	8.95E-03	1.01E-02	1.44E-02	1.61E-02	1.93E-02	2.76E-02	3.33E-02	8.75E-07	4.33E-03	1.04E-02	1.30E-03	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Newton County	29145	R	Acrylonitrile	2.14E-05	3.27E-05	6.42E-05	8.77E-05	1.67E-04	2.82E-04	4.11E-04	4.74E-04	3.52E-06	1.63E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	Arsenic Compounds	7.27E-06	8.12E-06	9.37E-06	1.81E-05	2.24E-05	3.39E-05	4.67E-05	5.31E-05	2.36E-06	4.61E-06	1.29E-05	2.50E-06	0.00E+00
Missouri	Newton County	29145	R	Benzene	5.66E-01	5.67E-01	5.88E-01	6.51E-01	7.19E-01	8.34E-01	9.94E-01	1.08E+00	2.04E-04	6.06E-02	1.61E-01	1.69E-02	4.80E-01
Missouri	Newton County	29145	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
Missouri	Newton County	29145	R	Beryllium Compounds	4.38E-07	7.93E-07	1.29E-06	1.70E-06	2.50E-06	4.00E-06	5.22E-06	5.90E-06	5.55E-07	9.84E-07	0.00E+00	9.61E-07	0.00E+00
Missouri	Newton County	29145	R	1,3-Butadiene	2.01E-03	2.22E-03	3.59E-03	7.72E-03	1.40E-02	2.45E-02	3.67E-02	4.31E-02	0.00E+00	6.78E-04	1.18E-02	1.61E-03	0.00E+00
Missouri	Newton County	29145	R	Cadmium Compounds	7.58E-07	1.15E-06	1.65E-06	2.38E-06	3.63E-06	5.59E-06	7.85E-06	8.63E-06	6.69E-07	2.01E-06	0.00E+00	9.59E-07	0.00E+00
Missouri	Newton County	29145	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.76E-02	4.75E-02	4.78E-02	4.80E-02	4.80E-02	9.67E-07	5.35E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Newton County	29145	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	6.44E-09	8.64E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Newton County	29145	R	Chloroform	8.39E-02	8.40E-02	8.42E-02	8.49E-02	8.56E-02	8.71E-02	8.78E-02	8.81E-02	3.75E-08	2.58E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Newton County	29145	R	Chromium Compounds (includes Hexavalent)	1.36E-05	1.37E-05	2.29E-05	7.13E-05	8.83E-04	1.24E-03	3.08E-03	3.48E-03	8.60E-04	1.36E-05	9.14E-06	4.33E-07	0.00E+00
Missouri	Newton County	29145	R	Chromium VI	3.51E-06	3.71E-06	4.87E-06	1.39E-05	2.98E-04	4.24E-04	1.05E-03	1.18E-03	2.91E-04	2.73E-06	3.64E-06	1.47E-07	0.00E+00
Missouri	Newton County	29145	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
Missouri	Newton County	29145	R	1,4-Dichlorobenzene	2.30E-03	2.39E-03	3.47E-03	4.00E-03	8.29E-03	1.20E-02	2.04E-02	2.20E-02	3.23E-07	8.29E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	1,3-Dichloropropene	4.51E-03	4.57E-03	6.80E-03	7.87E-03	1.66E-02	2.42E-02	4.14E-02	4.48E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	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	1.97E-09	1.14E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Newton County	29145	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.88E-07	2.24E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Newton County	29145	R	Ethylene Oxide	9.40E-05	9.73E-05	1.94E-04	2.57E-04	4.61E-04	8.99E-04	1.11E-03	1.32E-03	5.96E-05	4.01E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	Formaldehyde	3.13E-01	3.14E-01	3.17E-01	3.45E-01	3.63E-01	3.86E-01	4.60E-01	5.05E-01	1.23E-02	1.57E-02	6.93E-02	1.58E-02	2.50E-01
Missouri	Newton County	29145	R	Hexachlorobenzene	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.38E-05	9.43E-05	9.45E-05	0.00E+00	5.48E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Newton County	29145	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	4.16E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Newton County	29145	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
Missouri	Newton County	29145	R	Hydrazine	2.89E-10	9.76E-10	2.75E-09	1.04E-08	1.65E-08	3.62E-08	4.13E-08	4.13E-08	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	Lead Compounds	6.33E-05	7.55E-05	1.21E-04	3.01E-04	3.19E-04	3.97E-04	6.62E-04	8.13E-04	6.59E-06	1.79E-04	0.00E+00	1.34E-04	0.00E+00
Missouri	Newton County	29145	R	Manganese Compounds	1.23E-05	8.82E-05	1.87E-04	2.69E-04	2.46E-04	3.09E-04	3.56E-04	3.94E-04	1.78E-05	2.25E-04	2.91E-06	3.06E-07	0.00E+00
Missouri	Newton County	29145	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.56E-03	2.05E-06	3.99E-06	1.42E-05	3.11E-06	1.50E-03
Missouri	Newton County	29145	R	Methylene Chloride	1.58E-01	1.59E-01	1.60E-01	1.69E-01	1.93E-01	2.14E-01	2.69E-01	2.74E-01	1.40E-03	4.21E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Newton County	29145	R	Nickel Compounds	1.75E-04	2.24E-04	3.81E-04	7.58E-04	2.65E-03	3.76E-03	8.31E-03	1.15E-02	3.78E-06	2.64E-03	6.78E-06	5.94E-07	0.00E+00
Missouri	Newton County	29145	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.46E-01	1.49E-01	1.55E-01	1.57E-01	1.57E-01	7.04E-06	8.60E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Newton County	29145	R	Polychlorinated Biphenyls	3.92E-04	3.94E-04	4.03E-04	4.07E-04	4.43E-04	4.77E-04	5.40E-04	5.58E-04	0.00E+00	6.25E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Newton County	29145	R	Polycyclic Organic Matter	6.35E-03	6.41E-03	9.05E-03	1.09E-02	1.56E-02	2.53E-02	2.90E-02	3.09E-02	4.61E-04	1.16E-02	3.12E-03	4.07E-04	0.00E+00
Missouri	Newton County	29145	R	7-PAH	3.13E-04	3.33E-04	4.43E-04	5.19E-04	6.93E-04	9.50E-04	1.21E-03	1.36E-03	2.17E-09	6.68E-04	2.12E-05	4.05E-06	0.00E+00
Missouri	Newton County	29145	R	Propylene Dichloride	9.24E-07	1.59E-06	3.30E-06	4.64E-06	7.13E-06	1.05E-05	1.76E-05	2.28E-05	2.13E-07	6.91E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	Quinoline	8.04E-09	1.39E-08	3.38E-08	6.08E-08	7.70E-08	1.31E-07	1.62E-07	1.91E-07	0.00E+00	7.70E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	1,1,2,2-Tetrachloroethane	5.56E-06	1.13E-05	2.38E-05	3.14E-05	5.26E-05	7.37E-05	1.41E-04	1.90E-04	1.95E-06	5.06E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Newton County	29145	R	Trichloroethylene	8.17E-02	8.17E-02	8.18E-02	8.28E-02	8.57E-02	8.76E-02	9.50E-02	9.55E-02	3.77E-06	4.71E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Newton County	29145	R	Vinyl Chloride	1.89E-05	3.50E-05	7.17E-05	9.83E-05	1.85E-04	3.02E-04	4.76E-04	5.68E-04	4.80E-06	1.80E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	Acetaldehyde	2.73E-02	2.73E-02	3.63E-02	5.95E-02	7.63E-02	9.47E-02	1.63E-01	1.63E-01	1.11E-02	6.35E-04	3.73E-02	2.72E-02	0.00E+00
Missouri	Nodaway County	29147	R	Acrolein	3.56E-03	3.56E-03	3.59E-03	5.21E-03	1.07E-02	1.56E-02	2.55E-02	2.55E-02	4.17E-04	2.12E-03	6.43E-03	1.72E-03	0.00E+00
Missouri	Nodaway County	29147	R	Acrylonitrile	1.90E-05	1.90E-05	2.30E-05	3.64E-05	4.04E-04	1.58E-04	1.78E-03	1.78E-03	5.71E-07	4.03E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	Arsenic Compounds	6.12E-06	6.12E-06	6.31E-06	1.70E-05	3.95E-05	6.19E-05	1.06E-04	1.06E-04	4.27E-06	1.40E-05	1.20E-05	9.23E-06	0.00E+00
Missouri	Nodaway County	29147	R	Benzene	5.17E-01	5.17E-01	5.17E-01	5.26E-01	6.83E-01	7.85E-01	1.07E+00	1.07E+00	3.39E-03	2.96E-02	1.45E-01	2.55E-02	4.80E-01
Missouri	Nodaway County	29147	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
Missouri	Nodaway County	29147	R	Beryllium Compounds	1.27E-07	1.27E-07	1.30E-07	2.09E-07	1.03E-06	1.85E-06	2.82E-06	2.82E-06	0.00E+00	9.41E-07	0.00E+00	8.41E-08	0.00E+00
Missouri	Nodaway County	29147	R	1,3-Butadiene	1.25E-03	1.25E-03	1.54E-03	1.55E-03	1.63E-02	2.56E-02	5.18E-02	5.18E-02	7.31E-05	2.06E-04	1.34E-02	2.69E-03	0.00E+00
Missouri	Nodaway County	29147	R	Cadmium Compounds	3.18E-07	3.18E-07	3.80E-07	9.77E-05	7.98E-05	1.18E-04	1.83E-04	1.83E-04	7.56E-05	4.11E-06	0.00E+00	8.39E-08	0.00E+00
Missouri	Nodaway County	29147	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.87E-02	4.83E-02	4.90E-02	4.96E-02	4.96E-02	7.02E-04	5.90E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Nodaway County	29147	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	1.31E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Nodaway County	29147	R	Chloroform	8.37E-02	8.37E-02	8.39E-02	8.40E-02	8.99E-02	9.36E-02	1.04E-01	1.04E-01	7.31E-07	6.87E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Nodaway County	29147	R	Chromium Compounds (includes Hexavalent)	8.00E-05	8.00E-05	1.96E-04	2.70E-04	1.08E-03	2.16E-03	2.69E-03	2.69E-03	2.88E-08	1.07E-03	8.17E-06	3.44E-07	0.00E+00
Missouri	Nodaway County	29147	R	Chromium VI	2.75E-05	2.75E-05	6.70E-05	9.20E-05	3.71E-04	7.50E-04	9.21E-04	9.21E-04	8.64E-10	3.68E-04	3.23E-06	1.17E-07	0.00E+00
Missouri	Nodaway County	29147	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
Missouri	Nodaway County	29147	R	1,4-Dichlorobenzene	7.64E-04	7.64E-04	9.94E-04	1.03E-03	7.55E-03	1.09E-02	2.41E-02	2.41E-02	0.00E+00	7.55E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	1,3-Dichloropropene	1.48E-03	1.48E-03	1.93E-03	2.01E-03	1.52E-02	2.21E-02	4.87E-02	4.87E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	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	2.17E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Nodaway County	29147	R	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	0.00E+00	4.45E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Nodaway County	29147	R	Ethylene Oxide	1.07E-05	1.07E-05	1.29E-05	2.42E-05	2.79E-04	3.43E-04	1.01E-03	1.01E-03	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	Formaldehyde	2.97E-01	2.97E-01	3.78E-01	4.72E-01	4.52E-01	5.01E-01	6.13E-01	6.13E-01	9.11E-02	4.90E-03	5.81E-02	4.82E-02	2.50E-01
Missouri	Nodaway County	29147	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.35E-05	9.37E-05	9.43E-05	9.43E-05	0.00E+00	4.89E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Nodaway County	29147	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	7.61E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Nodaway County	29147	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
Missouri	Nodaway County	29147	R	Hydrazine	5.91E-11	5.91E-11	5.19E-10	7.79E-10	6.69E-09	1.60E-08	1.61E-08	1.61E-08	0.00E+00	6.69E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	Lead Compounds	1.31E-05	1.31E-05	3.44E-05	4.88E-05	1.72E-04	2.86E-04	4.80E-04	4.80E-04	6.45E-06	1.24E-04	0.00E+00	4.19E-05	0.00E+00
Missouri	Nodaway County	29147	R	Manganese Compounds	1.16E-04	1.16E-04	1.52E-04	1.65E-04	1.74E-03	3.01E-03	5.24E-03	5.24E-03	3.67E-06	1.73E-03	2.76E-06	7.56E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Nodaway County	29147	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.54E-03	1.57E-03	1.57E-03	1.13E-08	3.78E-06	1.33E-05	7.83E-06	1.50E-03
Missouri	Nodaway County	29147	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.91E-01	2.18E-01	2.78E-01	2.78E-01	3.31E-06	4.13E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Nodaway County	29147	R	Nickel Compounds	8.40E-05	8.40E-05	1.95E-04	2.45E-04	8.62E-04	1.74E-03	2.05E-03	2.05E-03	1.34E-07	8.54E-04	6.14E-06	1.31E-06	0.00E+00
Missouri	Nodaway County	29147	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.45E-01	1.49E-01	1.57E-01	1.57E-01	0.00E+00	5.45E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Nodaway County	29147	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.87E-04	4.26E-04	4.49E-04	5.23E-04	5.23E-04	0.00E+00	4.58E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Nodaway County	29147	R	Polycyclic Organic Matter	1.93E-03	1.93E-03	2.12E-03	2.19E-03	1.06E-02	1.61E-02	3.06E-02	3.06E-02	1.77E-04	7.05E-03	2.82E-03	5.26E-04	0.00E+00
Missouri	Nodaway County	29147	R	7-PAH	7.54E-05	7.54E-05	7.54E-05	9.33E-05	3.08E-04	4.64E-04	8.33E-04	8.33E-04	0.00E+00	2.85E-04	1.88E-05	4.42E-06	0.00E+00
Missouri	Nodaway County	29147	R	Propylene Dichloride	1.00E-06	1.00E-06	1.32E-06	2.13E-06	2.32E-05	7.00E-06	1.05E-04	1.05E-04	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	Quinoline	1.33E-09	1.33E-09	3.57E-09	4.33E-09	2.03E-08	4.60E-08	4.61E-08	4.61E-08	0.00E+00	2.03E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	1,1,2,2-Tetrachloroethane	8.31E-06	8.31E-06	1.09E-05	1.82E-05	2.00E-04	3.57E-05	9.25E-04	9.25E-04	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Nodaway County	29147	R	Trichloroethylene	8.12E-02	8.12E-02	8.13E-02	8.14E-02	8.73E-02	9.40E-02	9.86E-02	9.86E-02	0.00E+00	6.30E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Nodaway County	29147	R	Vinyl Chloride	2.08E-05	2.08E-05	2.71E-05	4.51E-05	4.93E-04	8.98E-05	2.28E-03	2.28E-03	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	Acetaldehyde	3.36E-02	3.36E-02	3.36E-02	3.79E-02	4.12E-02	5.21E-02	5.21E-02	5.21E-02	0.00E+00	2.29E-02	1.53E-02	3.00E-03	0.00E+00
Missouri	Oregon County	29149	R	Acrolein	9.67E-03	9.67E-03	9.67E-03	1.04E-02	1.06E-02	1.17E-02	1.17E-02	1.17E-02	0.00E+00	7.40E-03	2.75E-03	4.31E-04	0.00E+00
Missouri	Oregon County	29149	R	Acrylonitrile	6.53E-06	6.53E-06	6.53E-06	1.28E-05	1.47E-05	2.47E-05	2.47E-05	2.47E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	Arsenic Compounds	3.60E-06	3.60E-06	3.60E-06	4.19E-06	4.59E-06	5.99E-06	5.99E-06	5.99E-06	0.00E+00	7.54E-07	3.22E-06	6.19E-07	0.00E+00
Missouri	Oregon County	29149	R	Benzene	5.28E-01	5.28E-01	5.28E-01	5.41E-01	5.42E-01	5.57E-01	5.57E-01	5.57E-01	0.00E+00	2.64E-02	3.15E-02	4.02E-03	4.80E-01
Missouri	Oregon County	29149	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
Missouri	Oregon County	29149	R	Beryllium Compounds	1.41E-07	1.41E-07	1.41E-07	2.03E-07	5.27E-07	1.24E-06	1.24E-06	1.24E-06	0.00E+00	8.10E-08	0.00E+00	4.46E-07	0.00E+00
Missouri	Oregon County	29149	R	1,3-Butadiene	2.58E-03	2.58E-03	2.58E-03	3.98E-03	3.67E-03	4.45E-03	4.45E-03	4.45E-03	0.00E+00	1.71E-03	1.68E-03	2.78E-04	0.00E+00
Missouri	Oregon County	29149	R	Cadmium Compounds	4.29E-07	4.29E-07	4.29E-07	7.11E-07	1.08E-06	2.08E-06	2.08E-06	2.08E-06	2.77E-07	3.53E-07	0.00E+00	4.45E-07	0.00E+00
Missouri	Oregon County	29149	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	8.63E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Oregon County	29149	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	1.84E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Oregon County	29149	R	Chloroform	8.39E-02	8.39E-02	8.39E-02	8.40E-02	8.43E-02	8.48E-02	8.48E-02	8.48E-02	0.00E+00	1.25E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Oregon County	29149	R	Chromium Compounds (includes Hexavalent)	3.38E-06	3.38E-06	3.38E-06	6.00E-06	5.36E-06	6.68E-06	6.68E-06	6.68E-06	0.00E+00	3.24E-06	1.97E-06	1.44E-07	0.00E+00
Missouri	Oregon County	29149	R	Chromium VI	1.36E-06	1.36E-06	1.36E-06	2.41E-06	2.15E-06	2.67E-06	2.67E-06	2.67E-06	0.00E+00	1.32E-06	7.75E-07	4.91E-08	0.00E+00
Missouri	Oregon County	29149	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
Missouri	Oregon County	29149	R	1,4-Dichlorobenzene	8.79E-04	8.79E-04	8.79E-04	1.08E-03	1.27E-03	1.84E-03	1.84E-03	1.84E-03	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	1,3-Dichloropropene	1.69E-03	1.69E-03	1.69E-03	2.12E-03	2.48E-03	3.63E-03	3.63E-03	3.63E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	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	9.91E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Oregon County	29149	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	1.60E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Oregon County	29149	R	Ethylene Oxide	4.54E-06	4.54E-06	4.54E-06	2.70E-05	2.10E-05	3.14E-05	3.14E-05	3.14E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	Formaldehyde	3.03E-01	3.03E-01	3.03E-01	3.15E-01	3.12E-01	3.17E-01	3.17E-01	3.17E-01	0.00E+00	4.12E-02	1.52E-02	5.27E-03	2.50E-01
Missouri	Oregon County	29149	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	1.44E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Oregon County	29149	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	9.32E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Oregon County	29149	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
Missouri	Oregon County	29149	R	Hydrazine	9.66E-11	9.66E-11	9.66E-11	1.07E-10	1.57E-09	4.50E-09	4.50E-09	4.50E-09	0.00E+00	1.57E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	Lead Compounds	1.07E-05	1.07E-05	1.07E-05	1.62E-05	2.28E-05	4.15E-05	4.15E-05	4.15E-05	2.56E-06	9.92E-06	0.00E+00	1.03E-05	0.00E+00
Missouri	Oregon County	29149	R	Manganese Compounds	4.69E-05	4.69E-05	4.69E-05	1.03E-04	9.53E-05	1.36E-04	1.36E-04	1.36E-04	2.45E-05	7.01E-05	6.47E-07	8.95E-08	0.00E+00
Missouri	Oregon County	29149	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	2.86E-06	5.37E-07	3.74E-06	1.06E-06	1.50E-03
Missouri	Oregon County	29149	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.55E-01	1.59E-01	1.59E-01	1.59E-01	0.00E+00	5.28E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Oregon County	29149	R	Nickel Compounds	3.71E-06	3.71E-06	3.71E-06	4.64E-06	6.34E-06	1.07E-05	1.07E-05	1.07E-05	0.00E+00	4.66E-06	1.50E-06	1.85E-07	0.00E+00
Missouri	Oregon County	29149	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	8.45E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Oregon County	29149	R	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.88E-04	3.88E-04	3.95E-04	4.08E-04	4.08E-04	4.08E-04	0.00E+00	1.46E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Oregon County	29149	R	Polycyclic Organic Matter	3.07E-03	3.07E-03	3.07E-03	3.98E-03	4.09E-03	5.24E-03	5.24E-03	5.24E-03	0.00E+00	3.31E-03	6.61E-04	1.22E-04	0.00E+00
Missouri	Oregon County	29149	R	7-PAH	3.59E-04	3.59E-04	3.59E-04	4.60E-04	4.29E-04	4.67E-04	4.67E-04	4.67E-04	0.00E+00	4.23E-04	4.92E-06	1.28E-06	0.00E+00
Missouri	Oregon County	29149	R	Propylene Dichloride	3.31E-07	3.31E-07	3.31E-07	6.36E-07	7.43E-07	1.26E-06	1.26E-06	1.26E-06	0.00E+00	7.43E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	Quinoline	2.67E-09	2.67E-09	2.67E-09	3.00E-09	7.88E-09	1.80E-08	1.80E-08	1.80E-08	0.00E+00	7.88E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	1,1,2,2-Tetrachloroethane	2.09E-06	2.09E-06	2.09E-06	2.95E-06	3.68E-06	5.99E-06	5.99E-06	5.99E-06	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Oregon County	29149	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.14E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	3.53E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Oregon County	29149	R	Vinyl Chloride	5.23E-06	5.23E-06	5.23E-06	1.20E-05	1.22E-05	1.93E-05	1.93E-05	1.93E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Acetaldehyde	3.26E-02	3.26E-02	3.33E-02	3.77E-02	3.77E-02	4.21E-02	4.28E-02	4.28E-02	1.34E-06	7.66E-03	2.09E-02	9.14E-03	0.00E+00
Missouri	Osage County	29151	R	Acrolein	8.64E-03	8.64E-03	8.80E-03	9.11E-03	9.46E-03	1.01E-02	1.10E-02	1.10E-02	1.72E-07	3.49E-03	4.70E-03	1.28E-03	0.00E+00
Missouri	Osage County	29151	R	Acrylonitrile	1.59E-05	1.59E-05	1.72E-05	1.87E-05	1.85E-05	1.98E-05	2.07E-05	2.07E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Arsenic Compounds	6.40E-06	6.40E-06	6.46E-06	6.86E-06	6.91E-06	7.36E-06	7.53E-06	7.53E-06	2.89E-07	6.64E-07	4.40E-06	1.56E-06	0.00E+00
Missouri	Osage County	29151	R	Benzene	5.54E-01	5.54E-01	5.56E-01	5.60E-01	5.64E-01	5.72E-01	5.82E-01	5.82E-01	1.01E-06	2.22E-02	4.73E-02	1.48E-02	4.80E-01
Missouri	Osage County	29151	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
Missouri	Osage County	29151	R	Beryllium Compounds	3.73E-07	3.73E-07	4.14E-07	4.92E-07	8.08E-07	1.20E-06	1.88E-06	1.88E-06	1.50E-08	1.52E-07	0.00E+00	6.42E-07	0.00E+00
Missouri	Osage County	29151	R	1,3-Butadiene	2.40E-03	2.40E-03	2.90E-03	3.46E-03	3.22E-03	3.54E-03	3.57E-03	3.57E-03	0.00E+00	7.25E-04	1.83E-03	6.64E-04	0.00E+00
Missouri	Osage County	29151	R	Cadmium Compounds	6.58E-07	6.58E-07	6.99E-07	7.54E-07	1.07E-06	1.43E-06	2.10E-06	2.10E-06	3.67E-08	3.77E-07	0.00E+00	6.53E-07	0.00E+00
Missouri	Osage County	29151	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.73E-02	4.74E-02	4.75E-02	4.76E-02	4.76E-02	1.01E-07	3.51E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Osage County	29151	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	8.80E-01
Missouri	Osage County	29151	R	Chloroform	8.37E-02	8.37E-02	8.37E-02	8.38E-02	8.38E-02	8.39E-02	8.39E-02	8.39E-02	0.00E+00	7.91E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Osage County	29151	R	Chromium Compounds (includes Hexavalent)	1.45E-04	1.45E-04	1.73E-04	2.21E-04	2.53E-04	3.32E-04	4.24E-04	4.24E-04	1.92E-04	5.72E-05	2.87E-06	3.39E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Osage County	29151	R	Chromium VI	4.93E-05	4.93E-05	5.90E-05	7.54E-05	8.61E-05	1.13E-04	1.44E-04	1.44E-04	6.53E-05	1.95E-05	1.15E-06	1.15E-07	0.00E+00
Missouri	Osage County	29151	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
Missouri	Osage County	29151	R	1,4-Dichlorobenzene	1.53E-03	1.53E-03	1.62E-03	1.82E-03	1.86E-03	2.11E-03	2.29E-03	2.29E-03	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	1,3-Dichloropropene	2.97E-03	2.97E-03	3.09E-03	3.48E-03	3.58E-03	4.08E-03	4.40E-03	4.40E-03	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.21E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Osage County	29151	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.10E-08	3.38E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Osage County	29151	R	Ethylene Oxide	1.63E-05	1.63E-05	1.94E-05	2.75E-05	2.79E-05	3.64E-05	4.04E-05	4.04E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Formaldehyde	3.00E-01	3.00E-01	3.00E-01	3.05E-01	3.05E-01	3.10E-01	3.10E-01	3.10E-01	2.11E-07	1.78E-02	2.30E-02	1.45E-02	2.50E-01
Missouri	Osage County	29151	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	1.61E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Osage County	29151	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	1.14E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Osage County	29151	R	Hexamethylene Diisocyanate	5.15E-07	5.15E-07	6.41E-07	8.14E-07	7.62E-07	8.82E-07	9.02E-07	9.02E-07	0.00E+00	7.62E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Hydrazine	2.23E-09	2.23E-09	2.36E-09	4.29E-09	7.63E-09	1.29E-08	1.97E-08	1.97E-08	0.00E+00	7.63E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Lead Compounds	1.23E-04	1.23E-04	1.31E-04	1.46E-04	1.45E-04	1.58E-04	1.64E-04	1.64E-04	1.11E-05	2.05E-05	0.00E+00	1.13E-04	0.00E+00
Missouri	Osage County	29151	R	Manganese Compounds	5.64E-05	5.64E-05	6.72E-05	9.92E-05	9.54E-05	1.24E-04	1.27E-04	1.27E-04	1.29E-06	9.29E-05	8.78E-07	3.27E-07	0.00E+00
Missouri	Osage County	29151	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	5.38E-12	4.71E-07	5.02E-06	2.11E-06	1.50E-03
Missouri	Osage County	29151	R	Methylene Chloride	1.59E-01	1.59E-01	1.62E-01	1.66E-01	1.73E-01	1.83E-01	1.99E-01	1.99E-01	2.10E-07	2.26E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Osage County	29151	R	Nickel Compounds	1.87E-05	1.87E-05	2.12E-05	2.47E-05	2.39E-05	2.66E-05	2.75E-05	2.75E-05	1.07E-06	1.70E-05	2.15E-06	3.73E-06	0.00E+00
Missouri	Osage County	29151	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	3.12E-08	2.22E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Osage County	29151	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.93E-04	3.94E-04	3.96E-04	3.98E-04	4.02E-04	4.02E-04	0.00E+00	1.56E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Osage County	29151	R	Polycyclic Organic Matter	4.35E-03	4.35E-03	4.43E-03	4.75E-03	5.01E-03	5.58E-03	6.17E-03	6.17E-03	1.41E-08	3.76E-03	9.65E-04	2.75E-04	0.00E+00
Missouri	Osage County	29151	R	7-PAH	2.78E-04	2.78E-04	2.81E-04	3.00E-04	3.19E-04	3.56E-04	3.96E-04	3.96E-04	2.87E-10	3.06E-04	6.98E-06	5.34E-06	0.00E+00
Missouri	Osage County	29151	R	Propylene Dichloride	1.07E-06	1.07E-06	1.21E-06	1.42E-06	1.44E-06	1.66E-06	1.85E-06	1.85E-06	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Quinoline	3.81E-08	3.81E-08	4.55E-08	7.05E-08	8.01E-08	1.15E-07	1.41E-07	1.41E-07	0.00E+00	8.01E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	1,1,2,2-Tetrachloroethane	2.14E-06	2.14E-06	2.31E-06	3.46E-06	3.39E-06	4.47E-06	4.48E-06	4.48E-06	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Osage County	29151	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.18E-02	8.17E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	6.94E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Osage County	29151	R	Vinyl Chloride	1.20E-05	1.20E-05	1.23E-05	1.35E-05	1.38E-05	1.54E-05	1.63E-05	1.63E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	Acetaldehyde	3.06E-02	3.06E-02	3.06E-02	3.12E-02	3.12E-02	3.18E-02	3.18E-02	3.18E-02	0.00E+00	1.49E-02	1.31E-02	3.13E-03	0.00E+00
Missouri	Ozark County	29153	R	Acrolein	7.26E-03	7.26E-03	7.26E-03	8.34E-03	8.34E-03	9.41E-03	9.41E-03	9.41E-03	0.00E+00	4.71E-03	2.38E-03	1.24E-03	0.00E+00
Missouri	Ozark County	29153	R	Acrylonitrile	2.89E-05	2.89E-05	2.89E-05	3.20E-05	3.20E-05	3.51E-05	3.51E-05	3.51E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	Arsenic Compounds	2.69E-06	2.69E-06	2.69E-06	3.16E-06	3.16E-06	3.63E-06	3.63E-06	3.63E-06	0.00E+00	3.78E-07	2.17E-06	6.05E-07	0.00E+00
Missouri	Ozark County	29153	R	Benzene	5.27E-01	5.27E-01	5.27E-01	5.39E-01	5.39E-01	5.51E-01	5.51E-01	5.51E-01	0.00E+00	1.96E-02	2.15E-02	1.83E-02	4.80E-01
Missouri	Ozark County	29153	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
Missouri	Ozark County	29153	R	Beryllium Compounds	7.08E-08	7.08E-08	7.08E-08	8.18E-08	8.18E-08	9.29E-08	9.29E-08	9.29E-08	0.00E+00	7.17E-08	0.00E+00	1.01E-08	0.00E+00
Missouri	Ozark County	29153	R	1,3-Butadiene	2.12E-03	2.12E-03	2.12E-03	2.44E-03	2.44E-03	2.76E-03	2.76E-03	2.76E-03	0.00E+00	1.04E-03	7.60E-04	6.38E-04	0.00E+00
Missouri	Ozark County	29153	R	Cadmium Compounds	2.68E-07	2.68E-07	2.68E-07	3.14E-07	3.14E-07	3.59E-07	3.59E-07	3.59E-07	0.00E+00	3.04E-07	0.00E+00	1.00E-08	0.00E+00
Missouri	Ozark County	29153	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	5.69E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Ozark County	29153	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.52E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Ozark County	29153	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.39E-02	8.39E-02	8.39E-02	8.39E-02	8.39E-02	0.00E+00	8.92E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Ozark County	29153	R	Chromium Compounds (includes Hexavalent)	2.05E-06	2.05E-06	2.05E-06	2.78E-06	2.78E-06	3.51E-06	3.51E-06	3.51E-06	0.00E+00	1.27E-06	1.37E-06	1.37E-07	0.00E+00
Missouri	Ozark County	29153	R	Chromium VI	8.45E-07	8.45E-07	8.45E-07	1.11E-06	1.11E-06	1.38E-06	1.38E-06	1.38E-06	0.00E+00	5.09E-07	5.57E-07	4.65E-08	0.00E+00
Missouri	Ozark County	29153	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
Missouri	Ozark County	29153	R	1,4-Dichlorobenzene	9.10E-04	9.10E-04	9.10E-04	1.11E-03	1.11E-03	1.31E-03	1.31E-03	1.31E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	1,3-Dichloropropene	1.75E-03	1.75E-03	1.75E-03	2.13E-03	2.13E-03	2.51E-03	2.51E-03	2.51E-03	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	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
Missouri	Ozark County	29153	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	3.79E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Ozark County	29153	R	Ethylene Oxide	3.34E-03	3.34E-03	3.34E-03	5.84E-03	5.84E-03	8.34E-03	8.34E-03	8.34E-03	5.78E-03	5.73E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	Formaldehyde	2.91E-01	2.91E-01	2.91E-01	2.93E-01	2.93E-01	2.95E-01	2.95E-01	2.95E-01	0.00E+00	2.65E-02	1.15E-02	5.19E-03	2.50E-01
Missouri	Ozark County	29153	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	1.04E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Ozark County	29153	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	7.60E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Ozark County	29153	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
Missouri	Ozark County	29153	R	Hydrazine	7.30E-12	7.30E-12	7.30E-12	5.02E-11	5.02E-11	9.31E-11	9.31E-11	9.31E-11	0.00E+00	5.02E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	Lead Compounds	3.17E-05	3.17E-05	3.17E-05	7.28E-05	7.28E-05	1.14E-04	1.14E-04	1.14E-04	0.00E+00	8.30E-06	0.00E+00	6.45E-05	0.00E+00
Missouri	Ozark County	29153	R	Manganese Compounds	1.76E-06	1.76E-06	1.76E-06	3.08E-05	3.08E-05	5.99E-05	5.99E-05	5.99E-05	1.27E-05	1.77E-05	4.13E-07	7.88E-08	0.00E+00
Missouri	Ozark County	29153	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	1.16E-06	2.50E-06	4.63E-07	1.50E-03
Missouri	Ozark County	29153	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.55E-01	1.55E-01	1.55E-01	0.00E+00	4.41E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Ozark County	29153	R	Nickel Compounds	4.18E-06	4.18E-06	4.18E-06	5.94E-06	5.94E-06	7.69E-06	7.69E-06	7.69E-06	0.00E+00	4.75E-06	1.05E-06	1.38E-07	0.00E+00
Missouri	Ozark County	29153	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	8.20E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Ozark County	29153	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.87E-04	3.91E-04	3.91E-04	3.95E-04	3.95E-04	3.95E-04	0.00E+00	1.10E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Ozark County	29153	R	Polycyclic Organic Matter	2.87E-03	2.87E-03	2.87E-03	3.44E-03	3.44E-03	4.00E-03	4.00E-03	4.00E-03	0.00E+00	2.83E-03	4.86E-04	1.23E-04	0.00E+00
Missouri	Ozark County	29153	R	7-PAH	2.76E-04	2.76E-04	2.76E-04	3.16E-04	3.16E-04	3.56E-04	3.56E-04	3.56E-04	0.00E+00	3.09E-04	3.49E-06	3.87E-06	0.00E+00
Missouri	Ozark County	29153	R	Propylene Dichloride	1.56E-06	1.56E-06	1.56E-06	1.78E-06	1.78E-06	1.99E-06	1.99E-06	1.99E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	Quinoline	1.98E-10	1.98E-10	1.98E-10	1.70E-09	1.70E-09	3.21E-09	3.21E-09	3.21E-09	0.00E+00	1.70E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	1,1,2,2-Tetrachloroethane	1.11E-05	1.11E-05	1.11E-05	1.39E-05	1.39E-05	1.67E-05	1.67E-05	1.67E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ozark County	29153	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.14E-02	8.14E-02	0.00E+00	3.43E-04	0.00E+00	0.00E+00	8.10E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Ozark County	29153	R	Vinyl Chloride	3.33E-05	3.33E-05	3.33E-05	3.72E-05	3.72E-05	4.11E-05	4.11E-05	4.11E-05	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	Acetaldehyde	1.31E-01	1.31E-01	1.62E-01	1.66E-01	1.66E-01	1.72E-01	2.00E-01	2.00E-01	1.08E-04	4.24E-03	8.31E-02	7.84E-02	0.00E+00
Missouri	Pemiscot County	29155	R	Acrolein	1.39E-02	1.39E-02	1.85E-02	2.05E-02	2.04E-02	2.15E-02	2.78E-02	2.78E-02	8.90E-05	1.90E-03	1.31E-02	5.37E-03	0.00E+00
Missouri	Pemiscot County	29155	R	Acrylonitrile	2.37E-05	2.37E-05	3.75E-05	5.33E-05	6.18E-05	9.33E-05	1.10E-04	1.10E-04	0.00E+00	6.18E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	Arsenic Compounds	2.29E-05	2.29E-05	2.68E-05	3.84E-05	3.72E-05	4.16E-05	5.50E-05	5.50E-05	4.20E-06	2.27E-06	1.84E-05	1.23E-05	0.00E+00
Missouri	Pemiscot County	29155	R	Benzene	6.50E-01	6.50E-01	7.19E-01	8.30E-01	8.23E-01	8.78E-01	1.03E+00	1.03E+00	6.63E-03	3.87E-02	2.04E-01	9.36E-02	4.80E-01
Missouri	Pemiscot County	29155	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
Missouri	Pemiscot County	29155	R	Beryllium Compounds	6.11E-07	6.11E-07	6.61E-07	1.11E-06	1.10E-06	1.55E-06	1.56E-06	1.56E-06	2.92E-07	5.17E-07	0.00E+00	2.94E-07	0.00E+00
Missouri	Pemiscot County	29155	R	1,3-Butadiene	6.78E-03	6.78E-03	1.04E-02	2.10E-02	2.05E-02	2.45E-02	3.92E-02	3.92E-02	2.47E-05	1.75E-04	1.50E-02	5.32E-03	0.00E+00
Missouri	Pemiscot County	29155	R	Cadmium Compounds	4.24E-06	4.24E-06	6.81E-06	7.24E-06	6.99E-06	7.93E-06	8.47E-06	8.47E-06	2.24E-06	3.57E-06	0.00E+00	1.18E-06	0.00E+00
Missouri	Pemiscot County	29155	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.75E-02	6.78E-02	4.76E-02	1.70E-01	1.70E-01	2.05E-02	3.55E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Pemiscot County	29155	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	9.25E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Pemiscot County	29155	R	Chloroform	8.38E-02	8.38E-02	8.43E-02	8.63E-02	8.66E-02	8.93E-02	8.93E-02	8.93E-02	0.00E+00	3.55E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Pemiscot County	29155	R	Chromium Compounds (includes Hexavalent)	7.47E-05	7.47E-05	8.57E-05	9.52E-05	9.42E-05	1.03E-04	1.11E-04	1.11E-04	1.82E-05	5.97E-05	1.25E-05	3.74E-06	0.00E+00
Missouri	Pemiscot County	29155	R	Chromium VI	1.23E-05	1.23E-05	1.37E-05	1.55E-05	1.56E-05	1.69E-05	1.97E-05	1.97E-05	6.88E-06	2.49E-06	4.95E-06	1.27E-06	0.00E+00
Missouri	Pemiscot County	29155	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
Missouri	Pemiscot County	29155	R	1,4-Dichlorobenzene	1.89E-03	1.89E-03	2.66E-03	7.21E-03	7.59E-03	1.33E-02	1.33E-02	1.33E-02	0.00E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	1,3-Dichloropropene	3.62E-03	3.62E-03	5.16E-03	1.45E-02	1.53E-02	2.69E-02	2.69E-02	2.69E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.75E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Pemiscot County	29155	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.37E-07	4.83E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Pemiscot County	29155	R	Ethylene Oxide	7.31E-05	7.31E-05	8.71E-05	2.52E-04	3.38E-04	6.81E-04	6.83E-04	6.83E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	Formaldehyde	3.94E-01	3.94E-01	4.22E-01	4.61E-01	4.56E-01	4.85E-01	5.13E-01	5.13E-01	1.30E-03	5.68E-03	8.98E-02	1.09E-01	2.50E-01
Missouri	Pemiscot County	29155	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.35E-05	9.35E-05	9.38E-05	9.38E-05	9.38E-05	0.00E+00	5.07E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Pemiscot County	29155	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	5.04E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Pemiscot County	29155	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
Missouri	Pemiscot County	29155	R	Hydrazine	2.59E-10	2.59E-10	2.80E-10	2.93E-10	4.98E-10	7.41E-10	1.12E-09	1.12E-09	0.00E+00	4.98E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	Lead Compounds	4.17E-04	4.17E-04	4.82E-04	5.83E-04	6.66E-04	8.77E-04	1.05E-03	1.05E-03	6.53E-05	5.44E-04	0.00E+00	5.67E-05	0.00E+00
Missouri	Pemiscot County	29155	R	Manganese Compounds	1.22E-03	1.22E-03	1.38E-03	1.58E-03	1.12E-02	1.30E-02	4.87E-02	4.87E-02	8.81E-05	1.11E-02	4.02E-06	8.96E-06	0.00E+00
Missouri	Pemiscot County	29155	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.57E-03	1.57E-03	2.26E-06	5.01E-06	2.04E-05	1.20E-05	1.50E-03
Missouri	Pemiscot County	29155	R	Methylene Chloride	1.57E-01	1.57E-01	1.61E-01	1.78E-01	1.81E-01	2.07E-01	2.07E-01	2.07E-01	4.03E-06	3.13E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Pemiscot County	29155	R	Nickel Compounds	1.73E-04	1.73E-04	2.00E-04	2.76E-04	3.48E-04	5.78E-04	5.84E-04	5.84E-04	1.06E-04	3.60E-05	9.41E-06	1.96E-04	0.00E+00
Missouri	Pemiscot County	29155	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.48E-01	1.49E-01	1.53E-01	1.53E-01	1.53E-01	3.27E-07	8.53E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Pemiscot County	29155	R	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.93E-04	4.25E-04	4.27E-04	4.63E-04	4.63E-04	4.63E-04	2.42E-09	4.67E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Pemiscot County	29155	R	Polycyclic Organic Matter	1.34E-02	1.34E-02	2.21E-02	3.04E-02	2.94E-02	4.00E-02	4.02E-02	4.02E-02	1.54E-02	8.60E-03	4.12E-03	1.27E-03	0.00E+00
Missouri	Pemiscot County	29155	R	7-PAH	3.36E-04	3.36E-04	3.85E-04	5.56E-04	5.77E-04	7.19E-04	9.12E-04	9.12E-04	8.75E-05	4.17E-04	2.94E-05	4.33E-05	0.00E+00
Missouri	Pemiscot County	29155	R	Propylene Dichloride	1.29E-06	1.29E-06	2.06E-06	2.54E-06	2.95E-06	4.13E-06	5.12E-06	5.12E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	Quinoline	6.78E-09	6.78E-09	7.61E-09	8.94E-09	1.03E-08	1.26E-08	1.68E-08	1.68E-08	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	1,1,2,2-Tetrachloroethane	9.37E-06	9.37E-06	1.12E-05	1.76E-05	1.86E-05	2.33E-05	3.24E-05	3.24E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pemiscot County	29155	R	Trichloroethylene	8.35E-02	8.35E-02	8.54E-02	8.61E-02	8.73E-02	8.65E-02	9.65E-02	9.65E-02	4.08E-03	2.25E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Pemiscot County	29155	R	Vinyl Chloride	2.34E-05	2.34E-05	2.80E-05	4.38E-05	4.62E-05	5.79E-05	8.03E-05	8.03E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	Acetaldehyde	4.99E-02	4.99E-02	7.38E-02	8.75E-02	8.17E-02	8.89E-02	1.09E-01	1.09E-01	1.08E-05	4.09E-03	4.44E-02	3.33E-02	0.00E+00
Missouri	Perry County	29157	R	Acrolein	1.08E-02	1.08E-02	1.18E-02	1.25E-02	1.60E-02	2.14E-02	2.33E-02	2.33E-02	3.28E-06	5.28E-03	8.18E-03	2.50E-03	0.00E+00
Missouri	Perry County	29157	R	Acrylonitrile	2.26E-05	2.26E-05	3.10E-05	3.33E-05	6.01E-05	9.00E-05	1.24E-04	1.24E-04	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	Arsenic Compounds	1.10E-05	1.10E-05	3.35E-05	3.48E-05	3.33E-05	4.20E-05	4.52E-05	4.52E-05	1.07E-05	5.57E-06	9.82E-06	7.21E-06	0.00E+00
Missouri	Perry County	29157	R	Benzene	5.85E-01	5.85E-01	5.92E-01	6.13E-01	7.00E-01	8.13E-01	9.00E-01	9.00E-01	2.55E-05	5.92E-02	1.24E-01	3.74E-02	4.80E-01
Missouri	Perry County	29157	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
Missouri	Perry County	29157	R	Beryllium Compounds	4.27E-07	4.27E-07	6.04E-07	2.28E-06	1.99E-06	2.61E-06	4.05E-06	4.05E-06	3.97E-07	1.35E-06	0.00E+00	2.51E-07	0.00E+00
Missouri	Perry County	29157	R	1,3-Butadiene	4.62E-03	4.62E-03	4.79E-03	5.65E-03	1.23E-02	1.97E-02	2.66E-02	2.66E-02	0.00E+00	1.04E-03	8.75E-03	2.48E-03	0.00E+00
Missouri	Perry County	29157	R	Cadmium Compounds	1.42E-06	1.42E-06	3.54E-06	4.17E-06	4.57E-06	5.52E-06	8.20E-06	8.20E-06	9.83E-07	2.90E-06	0.00E+00	6.88E-07	0.00E+00
Missouri	Perry County	29157	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.75E-02	4.78E-02	4.82E-02	4.82E-02	2.48E-05	4.60E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Perry County	29157	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	1.27E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Perry County	29157	R	Chloroform	8.45E-02	8.45E-02	8.45E-02	8.45E-02	8.81E-02	9.18E-02	9.49E-02	9.49E-02	8.28E-07	5.05E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Perry County	29157	R	Chromium Compounds (includes Hexavalent)	1.54E-05	1.54E-05	2.59E-05	3.04E-05	3.09E-05	3.66E-05	4.59E-05	4.59E-05	5.13E-06	1.68E-05	6.96E-06	1.91E-06	0.00E+00
Missouri	Perry County	29157	R	Chromium VI	5.63E-06	5.63E-06	9.34E-06	1.22E-05	1.10E-05	1.23E-05	1.54E-05	1.54E-05	9.35E-07	6.55E-06	2.84E-06	6.49E-07	0.00E+00
Missouri	Perry County	29157	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
Missouri	Perry County	29157	R	1,4-Dichlorobenzene	2.07E-03	2.07E-03	2.17E-03	2.27E-03	8.38E-03	1.48E-02	2.06E-02	2.06E-02	0.00E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	1,3-Dichloropropene	3.97E-03	3.97E-03	4.24E-03	4.45E-03	1.69E-02	2.99E-02	4.19E-02	4.19E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	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	1.69E-08	1.42E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Perry County	29157	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	1.25E-07	3.01E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Perry County	29157	R	Ethylene Oxide	5.75E-04	5.75E-04	6.05E-04	1.14E-03	1.07E-03	1.23E-03	1.79E-03	1.79E-03	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	Formaldehyde	3.20E-01	3.20E-01	3.43E-01	3.55E-01	3.73E-01	4.06E-01	4.40E-01	4.40E-01	1.39E-05	1.70E-02	5.30E-02	5.27E-02	2.50E-01
Missouri	Perry County	29157	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.37E-05	9.42E-05	9.47E-05	9.47E-05	0.00E+00	6.82E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Perry County	29157	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	7.09E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Perry County	29157	R	Hexamethylene Diisocyanate	5.61E-05	5.61E-05	8.71E-05	1.49E-04	1.74E-04	1.76E-04	4.00E-04	4.00E-04	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Perry County	29157	R	Hydrazine	5.61E-11	5.61E-11	7.85E-11	8.10E-11	1.38E-10	1.26E-10	3.48E-10	3.48E-10	0.00E+00	1.38E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	Lead Compounds	4.47E-05	4.47E-05	1.20E-04	1.40E-04	1.36E-04	1.79E-04	1.98E-04	1.98E-04	9.59E-06	4.54E-05	0.00E+00	8.13E-05	0.00E+00
Missouri	Perry County	29157	R	Manganese Compounds	1.17E-05	1.17E-05	2.17E-05	3.34E-05	3.12E-05	4.22E-05	4.69E-05	4.69E-05	8.92E-06	1.53E-05	2.33E-06	4.63E-06	0.00E+00
Missouri	Perry County	29157	R	Mercury Compounds	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.87E-05	3.30E-06	1.08E-05	7.08E-06	1.50E-03
Missouri	Perry County	29157	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.60E-01	1.93E-01	2.26E-01	2.63E-01	2.63E-01	9.30E-06	4.29E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Perry County	29157	R	Nickel Compounds	5.38E-05	5.38E-05	1.12E-04	1.51E-04	1.98E-04	2.62E-04	4.13E-04	4.13E-04	3.90E-06	1.03E-04	5.21E-06	8.62E-05	0.00E+00
Missouri	Perry County	29157	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.45E-01	1.49E-01	1.54E-01	1.58E-01	1.58E-01	5.45E-07	8.70E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Perry County	29157	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.93E-04	3.94E-04	4.56E-04	5.23E-04	5.81E-04	5.81E-04	0.00E+00	7.62E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Perry County	29157	R	Polycyclic Organic Matter	5.78E-03	5.78E-03	5.84E-03	6.65E-03	1.37E-02	2.17E-02	2.87E-02	2.87E-02	2.10E-07	1.06E-02	2.43E-03	7.40E-04	0.00E+00
Missouri	Perry County	29157	R	7-PAH	2.97E-04	2.97E-04	3.19E-04	3.63E-04	7.19E-04	1.15E-03	1.47E-03	1.47E-03	3.32E-10	6.84E-04	1.59E-05	1.90E-05	0.00E+00
Missouri	Perry County	29157	R	Propylene Dichloride	1.17E-06	1.17E-06	1.43E-06	1.66E-06	2.38E-06	3.30E-06	4.32E-06	4.32E-06	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	Quinoline	1.65E-09	1.65E-09	2.04E-09	2.08E-09	4.15E-09	2.52E-09	1.24E-08	1.24E-08	0.00E+00	4.15E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	1,1,2,2-Tetrachloroethane	8.57E-06	8.57E-06	1.02E-05	1.07E-05	1.06E-05	1.12E-05	1.22E-05	1.22E-05	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Perry County	29157	R	Trichloroethylene	8.18E-02	8.18E-02	8.20E-02	8.22E-02	8.83E-02	9.41E-02	1.02E-01	1.02E-01	0.00E+00	7.34E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Perry County	29157	R	Vinyl Chloride	3.21E-05	3.21E-05	3.95E-05	4.10E-05	4.24E-05	4.39E-05	5.53E-05	5.53E-05	1.41E-05	2.83E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	Acetaldehyde	2.99E-02	3.10E-02	3.30E-02	7.18E-02	7.13E-02	8.79E-02	1.06E-01	1.44E-01	2.77E-03	1.88E-03	4.85E-02	1.82E-02	0.00E+00
Missouri	Pettis County	29159	U	Acrolein	5.74E-03	5.96E-03	6.31E-03	1.34E-02	1.29E-02	1.68E-02	2.07E-02	2.42E-02	3.15E-08	2.94E-03	8.20E-03	1.80E-03	0.00E+00
Missouri	Pettis County	29159	U	Acrylonitrile	2.98E-05	5.61E-05	8.72E-05	1.84E-04	3.41E-04	3.85E-04	3.86E-04	1.85E-03	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	Arsenic Compounds	5.85E-06	6.29E-06	6.36E-06	2.44E-05	2.30E-05	3.02E-05	4.45E-05	5.40E-05	5.38E-08	3.99E-06	1.42E-05	4.77E-06	0.00E+00
Missouri	Pettis County	29159	U	Benzene	5.40E-01	5.46E-01	5.51E-01	7.63E-01	7.44E-01	8.43E-01	9.70E-01	1.09E+00	5.03E-04	6.03E-02	1.78E-01	2.54E-02	4.80E-01
Missouri	Pettis County	29159	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
Missouri	Pettis County	29159	U	Beryllium Compounds	1.89E-07	3.68E-07	5.69E-07	1.38E-06	1.81E-06	3.02E-06	3.08E-06	4.51E-06	2.83E-09	5.56E-07	0.00E+00	1.25E-06	0.00E+00
Missouri	Pettis County	29159	U	1,3-Butadiene	2.23E-03	2.26E-03	2.76E-03	1.89E-02	1.90E-02	2.63E-02	4.15E-02	5.24E-02	0.00E+00	2.72E-04	1.61E-02	2.58E-03	0.00E+00
Missouri	Pettis County	29159	U	Cadmium Compounds	5.19E-07	9.18E-07	1.01E-06	4.76E-06	4.99E-06	7.12E-06	1.03E-05	1.25E-05	7.02E-09	3.74E-06	0.00E+00	1.25E-06	0.00E+00
Missouri	Pettis County	29159	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.75E-02	4.77E-02	4.77E-02	4.97E-02	2.01E-08	5.27E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Pettis County	29159	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	4.02E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Pettis County	29159	U	Chloroform	8.39E-02	8.42E-02	8.45E-02	8.97E-02	8.97E-02	9.28E-02	9.65E-02	1.01E-01	0.00E+00	6.70E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Pettis County	29159	U	Chromium Compounds (includes Hexavalent)	2.57E-06	3.14E-06	3.15E-06	1.43E-05	1.34E-05	1.76E-05	2.78E-05	3.30E-05	3.53E-08	2.67E-06	1.01E-05	5.94E-07	0.00E+00
Missouri	Pettis County	29159	U	Chromium VI	1.02E-06	1.27E-06	1.31E-06	6.10E-06	5.70E-06	7.39E-06	1.20E-05	1.39E-05	6.35E-09	1.45E-06	4.05E-06	2.02E-07	0.00E+00
Missouri	Pettis County	29159	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
Missouri	Pettis County	29159	U	1,4-Dichlorobenzene	1.26E-03	1.43E-03	1.67E-03	9.34E-03	9.46E-03	1.38E-02	1.93E-02	2.55E-02	0.00E+00	9.46E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	1,3-Dichloropropene	2.47E-03	2.77E-03	3.24E-03	1.87E-02	1.92E-02	2.80E-02	3.95E-02	5.20E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	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
Missouri	Pettis County	29159	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.18E-09	4.30E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Pettis County	29159	U	Ethylene Oxide	1.23E-04	2.55E-04	3.58E-04	2.18E-03	5.12E-03	5.34E-03	5.40E-03	3.39E-02	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	Formaldehyde	2.97E-01	2.97E-01	3.06E-01	3.74E-01	3.76E-01	4.09E-01	4.53E-01	5.10E-01	1.57E-02	8.68E-03	7.09E-02	3.12E-02	2.50E-01
Missouri	Pettis County	29159	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.36E-05	9.35E-05	9.38E-05	9.39E-05	9.40E-05	0.00E+00	5.24E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Pettis County	29159	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-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Pettis County	29159	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
Missouri	Pettis County	29159	U	Hydrazine	1.98E-10	5.81E-10	6.24E-10	2.74E-08	4.98E-08	3.25E-08	5.55E-08	3.59E-07	0.00E+00	4.98E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	Lead Compounds	2.32E-05	3.54E-05	4.78E-05	1.04E-04	1.21E-04	1.53E-04	2.35E-04	3.19E-04	5.75E-08	5.26E-05	0.00E+00	6.82E-05	0.00E+00
Missouri	Pettis County	29159	U	Manganese Compounds	6.82E-05	1.44E-04	2.32E-04	6.72E-04	7.59E-04	9.97E-04	1.07E-03	3.05E-03	6.57E-08	7.55E-04	3.25E-06	5.26E-07	0.00E+00
Missouri	Pettis County	29159	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.55E-03	1.54E-03	1.58E-03	1.59E-03	1.60E-03	0.00E+00	2.41E-05	1.55E-05	5.26E-06	1.50E-03
Missouri	Pettis County	29159	U	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.68E-01	1.69E-01	1.77E-01	1.90E-01	1.93E-01	4.03E-08	1.86E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Pettis County	29159	U	Nickel Compounds	7.99E-06	1.53E-05	1.59E-05	1.20E-04	1.21E-04	1.89E-04	2.66E-04	2.93E-04	3.67E-08	1.13E-04	7.39E-06	1.29E-06	0.00E+00
Missouri	Pettis County	29159	U	Perchloroethylene	1.42E-01	1.43E-01	1.44E-01	1.56E-01	1.72E-01	1.74E-01	1.76E-01	3.31E-01	5.98E-09	3.16E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Pettis County	29159	U	Polychlorinated Biphenyls	3.87E-04	3.88E-04	3.89E-04	4.44E-04	4.38E-04	4.71E-04	4.86E-04	5.00E-04	0.00E+00	5.75E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Pettis County	29159	U	Polycyclic Organic Matter	4.11E-03	4.25E-03	4.51E-03	1.93E-02	1.68E-02	2.21E-02	2.97E-02	3.86E-02	1.40E-03	1.14E-02	3.45E-03	5.74E-04	0.00E+00
Missouri	Pettis County	29159	U	7-PAH	1.63E-04	1.81E-04	2.30E-04	6.59E-04	5.52E-04	7.35E-04	8.84E-04	1.04E-03	5.70E-11	5.23E-04	2.27E-05	6.30E-06	0.00E+00
Missouri	Pettis County	29159	U	Propylene Dichloride	1.71E-06	3.36E-06	5.13E-06	1.16E-05	2.12E-05	2.39E-05	2.86E-05	1.12E-04	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	Quinoline	3.34E-09	5.90E-09	6.65E-09	8.67E-08	1.36E-07	9.53E-08	1.56E-07	9.03E-07	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	1,1,2,2-Tetrachloroethane	1.43E-05	2.95E-05	4.30E-05	9.77E-05	1.81E-04	1.84E-04	2.02E-04	1.01E-03	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pettis County	29159	U	Trichloroethylene	9.73E-02	1.21E-01	1.37E-01	3.65E-01	9.81E-01	9.81E-01	1.97E+00	5.51E+00	8.81E-01	1.93E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Pettis County	29159	U	Vinyl Chloride	3.63E-05	7.29E-05	1.13E-04	2.44E-04	4.50E-04	4.81E-04	5.01E-04	2.50E-03	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	Acetaldehyde	3.30E-02	3.60E-02	4.02E-02	6.47E-02	6.76E-02	8.01E-02	1.12E-01	1.32E-01	0.00E+00	1.16E-02	4.53E-02	1.07E-02	0.00E+00
Missouri	Phelps County	29161	U	Acrolein	7.07E-03	7.25E-03	1.03E-02	1.30E-02	1.36E-02	1.79E-02	2.09E-02	2.22E-02	0.00E+00	5.11E-03	7.53E-03	9.94E-04	0.00E+00
Missouri	Phelps County	29161	U	Acrylonitrile	8.82E-06	1.16E-05	2.12E-05	4.12E-05	5.67E-05	8.88E-05	1.21E-04	1.42E-04	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	Arsenic Compounds	5.09E-06	5.57E-06	1.13E-05	2.22E-05	2.98E-05	5.41E-05	6.63E-05	6.86E-05	0.00E+00	1.41E-05	1.25E-05	3.16E-06	0.00E+00
Missouri	Phelps County	29161	U	Benzene	5.33E-01	5.38E-01	5.88E-01	6.59E-01	6.99E-01	8.27E-01	9.11E-01	9.82E-01	0.00E+00	5.74E-02	1.46E-01	1.55E-02	4.80E-01
Missouri	Phelps County	29161	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
Missouri	Phelps County	29161	U	Beryllium Compounds	1.42E-07	1.92E-07	3.61E-07	9.94E-07	1.45E-06	2.37E-06	3.37E-06	3.42E-06	0.00E+00	8.73E-07	0.00E+00	5.77E-07	0.00E+00
Missouri	Phelps County	29161	U	1,3-Butadiene	2.58E-03	3.25E-03	6.29E-03	1.10E-02	1.52E-02	2.31E-02	3.22E-02	4.14E-02	0.00E+00	1.14E-03	1.24E-02	1.66E-03	0.00E+00
Missouri	Phelps County	29161	U	Cadmium Compounds	3.98E-07	4.04E-07	9.59E-07	2.29E-06	4.65E-06	9.89E-06	1.17E-05	1.27E-05	0.00E+00	4.08E-06	0.00E+00	5.76E-07	0.00E+00
Missouri	Phelps County	29161	U	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.79E-02	4.82E-02	4.92E-02	4.97E-02	4.99E-02	0.00E+00	1.19E-03	0.00E+00	0.00E+00	4.70E-02

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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
Missouri	Phelps County	29161	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	1.12E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Phelps County	29161	U	Chloroform	8.35E-02	8.35E-02	8.39E-02	8.48E-02	8.60E-02	8.80E-02	8.97E-02	9.10E-02	0.00E+00	3.00E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Phelps County	29161	U	Chromium Compounds (includes Hexavalent)	3.57E-05	4.61E-05	6.56E-05	1.00E-04	1.01E-04	1.28E-04	1.53E-04	1.55E-04	0.00E+00	9.13E-05	8.98E-06	3.33E-07	0.00E+00
Missouri	Phelps County	29161	U	Chromium VI	1.26E-05	1.66E-05	2.59E-05	3.72E-05	3.96E-05	5.59E-05	6.59E-05	6.60E-05	0.00E+00	3.59E-05	3.60E-06	1.13E-07	0.00E+00
Missouri	Phelps County	29161	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
Missouri	Phelps County	29161	U	1,4-Dichlorobenzene	8.97E-04	1.09E-03	2.27E-03	4.50E-03	7.33E-03	1.18E-02	1.74E-02	2.15E-02	0.00E+00	7.33E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	1,3-Dichloropropene	1.75E-03	2.14E-03	4.52E-03	9.09E-03	1.49E-02	2.40E-02	3.54E-02	4.39E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	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	2.02E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Phelps County	29161	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	8.17E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Phelps County	29161	U	Ethylene Oxide	1.35E-05	1.71E-05	4.37E-05	8.21E-05	2.43E-04	3.45E-04	7.75E-04	1.09E-03	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	Formaldehyde	2.97E-01	3.00E-01	3.13E-01	3.46E-01	3.57E-01	3.91E-01	4.28E-01	4.58E-01	0.00E+00	2.62E-02	6.14E-02	1.90E-02	2.50E-01
Missouri	Phelps County	29161	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.35E-05	9.37E-05	9.42E-05	9.45E-05	0.00E+00	4.64E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Phelps County	29161	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	5.95E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Phelps County	29161	U	Hexamethylene Diisocyanate	3.09E-05	3.46E-05	4.61E-05	6.44E-05	6.55E-05	8.18E-05	9.79E-05	1.05E-04	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	Hydrazine	5.46E-10	1.35E-09	1.21E-08	3.85E-08	7.90E-08	1.74E-07	1.87E-07	1.93E-07	0.00E+00	7.90E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	Lead Compounds	1.51E-05	2.25E-05	4.78E-05	8.33E-05	1.50E-04	2.79E-04	3.69E-04	4.48E-04	0.00E+00	1.14E-04	0.00E+00	3.59E-05	0.00E+00
Missouri	Phelps County	29161	U	Manganese Compounds	4.90E-05	7.31E-05	2.37E-04	5.90E-04	1.60E-03	3.79E-03	4.28E-03	4.68E-03	0.00E+00	1.60E-03	2.96E-06	3.21E-07	0.00E+00
Missouri	Phelps County	29161	U	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	0.00E+00	3.53E-06	1.36E-05	3.19E-06	1.50E-03
Missouri	Phelps County	29161	U	Methylene Chloride	1.53E-01	1.54E-01	1.59E-01	1.67E-01	1.85E-01	2.22E-01	2.35E-01	2.38E-01	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Phelps County	29161	U	Nickel Compounds	4.56E-06	5.05E-06	1.09E-05	2.77E-05	4.22E-05	7.04E-05	1.04E-04	1.26E-04	0.00E+00	3.49E-05	6.69E-06	5.75E-07	0.00E+00
Missouri	Phelps County	29161	U	Perchloroethylene	1.42E-01	1.44E-01	1.46E-01	1.50E-01	1.52E-01	1.59E-01	1.63E-01	1.63E-01	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Phelps County	29161	U	Polychlorinated Biphenyls	3.85E-04	3.86E-04	3.93E-04	4.13E-04	4.37E-04	4.68E-04	5.28E-04	5.76E-04	0.00E+00	5.73E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Phelps County	29161	U	Polycyclic Organic Matter	3.08E-03	3.19E-03	6.36E-03	1.09E-02	1.35E-02	2.33E-02	2.64E-02	2.87E-02	0.00E+00	1.02E-02	3.00E-03	3.22E-04	0.00E+00
Missouri	Phelps County	29161	U	7-PAH	2.29E-04	2.31E-04	3.39E-04	5.26E-04	5.96E-04	8.04E-04	1.10E-03	1.31E-03	0.00E+00	5.72E-04	2.02E-05	3.54E-06	0.00E+00
Missouri	Phelps County	29161	U	Propylene Dichloride	5.08E-07	7.06E-07	1.42E-06	3.31E-06	3.89E-06	7.06E-06	7.92E-06	8.34E-06	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	Quinoline	1.42E-08	2.39E-08	7.24E-08	1.59E-07	2.50E-07	5.03E-07	5.35E-07	5.49E-07	0.00E+00	2.50E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	1,1,2,2-Tetrachloroethane	1.70E-06	1.77E-06	2.00E-06	2.74E-06	2.60E-06	3.10E-06	3.50E-06	3.55E-06	0.00E+00	2.60E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Phelps County	29161	U	Trichloroethylene	8.12E-02	8.13E-02	8.17E-02	8.27E-02	8.49E-02	8.85E-02	9.16E-02	9.46E-02	0.00E+00	3.89E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Phelps County	29161	U	Vinyl Chloride	7.17E-06	9.89E-06	1.40E-05	2.66E-05	2.43E-05	3.21E-05	4.02E-05	4.51E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	Acetaldehyde	3.57E-02	3.57E-02	4.70E-02	7.74E-02	6.99E-02	7.96E-02	1.10E-01	1.10E-01	3.74E-06	3.37E-03	2.89E-02	3.76E-02	0.00E+00
Missouri	Pike County	29163	R	Acrolein	6.46E-03	6.46E-03	7.50E-03	1.02E-02	1.15E-02	1.51E-02	1.83E-02	1.83E-02	2.71E-06	3.92E-03	4.70E-03	2.86E-03	0.00E+00
Missouri	Pike County	29163	R	Acrylonitrile	6.41E-05	6.41E-05	7.98E-05	1.67E-04	2.56E-04	3.56E-04	6.11E-04	6.11E-04	1.33E-06	2.54E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	Arsenic Compounds	8.55E-06	8.55E-06	1.02E-05	1.32E-05	1.88E-05	2.60E-05	3.63E-05	3.63E-05	8.51E-07	3.24E-06	7.48E-06	7.26E-06	0.00E+00
Missouri	Pike County	29163	R	Benzene	5.38E-01	5.38E-01	5.58E-01	5.85E-01	6.37E-01	7.07E-01	7.96E-01	7.96E-01	5.99E-06	3.62E-02	7.76E-02	4.31E-02	4.80E-01
Missouri	Pike County	29163	R	Benzidine	1.49E-09	1.49E-09	2.31E-09	3.32E-09	4.01E-09	5.04E-09	7.90E-09	7.90E-09	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	Beryllium Compounds	9.57E-07	9.57E-07	2.19E-06	2.55E-06	3.07E-06	3.52E-06	6.13E-06	6.13E-06	2.29E-07	1.35E-06	0.00E+00	1.49E-06	0.00E+00
Missouri	Pike County	29163	R	1,3-Butadiene	2.33E-03	2.33E-03	2.84E-03	5.49E-03	9.92E-03	1.52E-02	2.37E-02	2.37E-02	1.94E-07	9.62E-04	6.08E-03	2.88E-03	0.00E+00
Missouri	Pike County	29163	R	Cadmium Compounds	8.48E-06	8.48E-06	1.24E-05	1.28E-05	1.44E-05	1.62E-05	2.24E-05	2.24E-05	1.01E-05	2.60E-06	0.00E+00	1.70E-06	0.00E+00
Missouri	Pike County	29163	R	Carbon Disulfide	4.77E-02	4.77E-02	4.81E-02	4.82E-02	4.86E-02	4.84E-02	5.05E-02	5.05E-02	5.93E-04	1.00E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Pike County	29163	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	2.90E-09	7.79E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Pike County	29163	R	Chloroform	8.38E-02	8.38E-02	8.40E-02	8.42E-02	8.59E-02	8.75E-02	9.00E-02	9.00E-02	1.19E-07	2.89E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Pike County	29163	R	Chromium Compounds (includes Hexavalent)	2.03E-05	2.03E-05	2.89E-05	3.26E-05	3.14E-05	3.63E-05	3.89E-05	3.89E-05	4.38E-06	2.09E-05	4.68E-06	1.43E-06	0.00E+00
Missouri	Pike County	29163	R	Chromium VI	4.17E-06	4.17E-06	1.53E-05	1.80E-05	1.54E-05	1.87E-05	2.05E-05	2.05E-05	5.46E-07	1.24E-05	1.92E-06	4.85E-07	0.00E+00
Missouri	Pike County	29163	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
Missouri	Pike County	29163	R	1,4-Dichlorobenzene	1.38E-03	1.38E-03	1.44E-03	2.01E-03	4.72E-03	7.43E-03	1.13E-02	1.13E-02	1.06E-08	4.72E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	1,3-Dichloropropene	2.63E-03	2.63E-03	2.80E-03	3.87E-03	9.45E-03	1.50E-02	2.30E-02	2.30E-02	0.00E+00	9.45E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	2.60E-09	3.05E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Pike County	29163	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.27E-08	3.31E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Pike County	29163	R	Ethylene Oxide	1.87E-05	1.87E-05	2.48E-05	3.12E-05	1.41E-04	1.53E-04	4.79E-04	4.79E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	Formaldehyde	3.02E-01	3.02E-01	3.11E-01	3.55E-01	3.57E-01	3.86E-01	4.30E-01	4.30E-01	7.15E-07	1.30E-02	3.61E-02	5.77E-02	2.50E-01
Missouri	Pike County	29163	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.37E-05	9.37E-05	9.37E-05	0.00E+00	3.92E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Pike County	29163	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	4.02E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Pike County	29163	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
Missouri	Pike County	29163	R	Hydrazine	1.53E-09	1.53E-09	2.91E-09	5.85E-09	6.79E-08	4.88E-08	2.80E-07	2.80E-07	0.00E+00	6.79E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	Lead Compounds	1.92E-04	1.92E-04	2.10E-04	2.62E-04	2.63E-04	2.86E-04	3.66E-04	3.66E-04	1.82E-04	5.32E-05	0.00E+00	2.84E-05	0.00E+00
Missouri	Pike County	29163	R	Manganese Compounds	1.88E-05	1.88E-05	3.26E-05	3.42E-05	3.60E-05	3.53E-05	5.91E-05	5.91E-05	5.08E-06	2.68E-05	1.53E-06	2.62E-06	0.00E+00
Missouri	Pike County	29163	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.55E-03	2.97E-06	5.75E-06	8.60E-06	7.99E-06	1.50E-03
Missouri	Pike County	29163	R	Methylene Chloride	1.55E-01	1.55E-01	1.56E-01	1.58E-01	1.74E-01	1.83E-01	2.21E-01	2.21E-01	5.45E-05	2.44E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Pike County	29163	R	Nickel Compounds	1.23E-04	1.23E-04	1.28E-04	2.15E-04	2.29E-04	2.55E-04	4.25E-04	4.25E-04	2.69E-06	1.84E-04	3.52E-06	3.87E-05	0.00E+00
Missouri	Pike County	29163	R	Perchloroethylene	2.43E-01	2.43E-01	2.73E-01	2.74E-01	3.12E-01	2.80E-01	4.91E-01	4.91E-01	1.65E-01	7.12E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Pike County	29163	R	Polychlorinated Biphenyls	3.88E-04	3.88E-04	3.90E-04	3.93E-04	4.16E-04	4.54E-04	4.55E-04	4.55E-04	0.00E+00	3.61E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Pike County	29163	R	Polycyclic Organic Matter	4.12E-03	4.12E-03	4.40E-03	6.62E-03	9.52E-03	1.33E-02	1.92E-02	1.92E-02	1.52E-05	7.15E-03	1.59E-03	7.63E-04	0.00E+00
Missouri	Pike County	29163	R	7-PAH	1.98E-04	1.98E-04	2.36E-04	3.38E-04	4.42E-04	6.70E-04	7.69E-04	7.69E-04	3.83E-06	4.10E-04	1.15E-05	1.69E-05	0.00E+00
Missouri	Pike County	29163	R	Propylene Dichloride	4.87E-06	4.87E-06	5.01E-06	1.45E-05	1.61E-05	1.95E-05	3.69E-05	3.69E-05	6.66E-08	1.61E-05	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Pike County	29163	R	Quinoline	2.87E-08	2.87E-08	4.24E-08	5.60E-08	2.33E-07	2.04E-07	8.35E-07	8.35E-07	0.00E+00	2.33E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	1,1,2,2-Tetrachloroethane	2.66E-05	2.66E-05	3.40E-05	5.14E-05	1.17E-04	1.50E-04	3.25E-04	3.25E-04	5.51E-09	1.17E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pike County	29163	R	Trichloroethylene	1.14E-01	1.14E-01	1.23E-01	1.25E-01	1.36E-01	1.26E-01	1.93E-01	1.93E-01	5.28E-02	2.25E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Pike County	29163	R	Vinyl Chloride	7.30E-05	7.30E-05	9.72E-05	1.67E-04	3.09E-04	3.85E-04	8.21E-04	8.21E-04	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Acetaldehyde	1.27E-01	1.83E-01	3.16E-01	3.83E-01	4.34E-01	5.03E-01	8.03E-01	8.05E-01	2.03E-04	3.73E-02	3.09E-01	8.75E-02	0.00E+00
Missouri	Platte County	29165	U	Acrolein	2.10E-02	2.95E-02	5.76E-02	6.81E-02	6.93E-02	8.70E-02	1.01E-01	1.04E-01	3.78E-06	5.39E-03	4.73E-02	1.66E-02	0.00E+00
Missouri	Platte County	29165	U	Acrylonitrile	3.72E-04	4.00E-04	6.95E-04	1.21E-03	1.39E-03	1.57E-03	2.67E-03	4.76E-03	9.85E-04	4.00E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Arsenic Compounds	2.18E-05	2.48E-05	5.43E-05	6.38E-05	6.83E-05	7.72E-05	1.10E-04	1.49E-04	7.19E-06	9.51E-06	3.90E-05	1.26E-05	0.00E+00
Missouri	Platte County	29165	U	Benzene	6.66E-01	7.08E-01	1.05E+00	1.14E+00	1.22E+00	1.33E+00	1.80E+00	2.23E+00	2.81E-04	7.89E-02	5.67E-01	9.03E-02	4.80E-01
Missouri	Platte County	29165	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
Missouri	Platte County	29165	U	Beryllium Compounds	1.61E-06	2.78E-06	3.86E-06	4.96E-06	5.50E-06	6.77E-06	8.58E-06	1.18E-05	3.75E-07	3.35E-06	0.00E+00	1.78E-06	0.00E+00
Missouri	Platte County	29165	U	1,3-Butadiene	6.74E-03	8.20E-03	2.42E-02	3.17E-02	4.02E-02	4.61E-02	7.93E-02	1.34E-01	0.00E+00	4.34E-04	3.10E-02	8.67E-03	0.00E+00
Missouri	Platte County	29165	U	Cadmium Compounds	2.99E-06	3.97E-06	6.30E-06	8.14E-06	9.01E-06	1.06E-05	1.40E-05	1.98E-05	9.28E-07	6.27E-06	0.00E+00	1.82E-06	0.00E+00
Missouri	Platte County	29165	U	Carbon Disulfide	4.74E-02	4.75E-02	4.81E-02	4.87E-02	4.87E-02	4.90E-02	4.99E-02	5.17E-02	1.29E-05	1.72E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	Platte County	29165	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	6.90E-05	2.43E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Platte County	29165	U	Chloroform	8.66E-02	8.79E-02	9.41E-02	1.01E-01	1.00E-01	1.05E-01	1.09E-01	1.14E-01	8.36E-07	1.70E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	Platte County	29165	U	Chromium Compounds (includes Hexavalent)	3.52E-05	5.83E-05	1.14E-04	1.82E-04	2.37E-04	3.05E-04	4.55E-04	7.89E-04	6.73E-05	1.35E-04	3.30E-05	1.63E-06	0.00E+00
Missouri	Platte County	29165	U	Chromium VI	1.02E-05	1.91E-05	3.97E-05	6.21E-05	8.08E-05	1.05E-04	1.54E-04	2.67E-04	2.23E-05	4.48E-05	1.31E-05	5.53E-07	0.00E+00
Missouri	Platte County	29165	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
Missouri	Platte County	29165	U	1,4-Dichlorobenzene	4.05E-03	5.38E-03	1.27E-02	2.13E-02	1.97E-02	2.56E-02	2.88E-02	4.07E-02	7.21E-06	1.97E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	1,3-Dichloropropene	7.58E-03	1.00E-02	2.40E-02	4.15E-02	3.83E-02	4.99E-02	5.65E-02	8.11E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.39E-08	3.47E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Platte County	29165	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.03E-05	4.89E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Platte County	29165	U	Ethylene Oxide	1.88E-04	3.66E-04	6.44E-04	9.92E-04	1.08E-03	1.51E-03	1.87E-03	2.24E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Formaldehyde	3.92E-01	4.56E-01	6.35E-01	6.82E-01	7.38E-01	8.47E-01	1.08E+00	1.17E+00	4.52E-02	2.42E-02	2.69E-01	1.49E-01	2.50E-01
Missouri	Platte County	29165	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.33E-05	9.35E-05	9.36E-05	0.00E+00	2.79E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Platte County	29165	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	1.26E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	Platte County	29165	U	Hexamethylene Diisocyanate	1.30E-05	2.88E-05	5.42E-05	7.48E-05	7.73E-05	1.01E-04	1.42E-04	1.42E-04	7.34E-05	3.88E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Hydrazine	3.20E-09	2.43E-07	7.93E-07	1.46E-06	1.61E-06	2.09E-06	3.56E-06	5.21E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Lead Compounds	4.24E-04	5.81E-04	1.28E-03	1.66E-03	1.74E-03	2.02E-03	2.52E-03	4.81E-03	3.25E-05	1.08E-03	0.00E+00	6.28E-04	0.00E+00
Missouri	Platte County	29165	U	Manganese Compounds	2.83E-04	3.90E-04	1.08E-03	1.70E-03	1.61E-03	2.14E-03	2.72E-03	2.88E-03	1.57E-04	1.44E-03	1.04E-05	1.79E-06	0.00E+00
Missouri	Platte County	29165	U	Mercury Compounds	1.52E-03	1.52E-03	1.55E-03	1.56E-03	1.56E-03	1.57E-03	1.60E-03	1.63E-03	1.61E-08	1.03E-05	3.84E-05	1.26E-05	1.50E-03
Missouri	Platte County	29165	U	Methylene Chloride	2.00E-01	2.13E-01	2.87E-01	3.16E-01	3.58E-01	3.63E-01	5.61E-01	8.48E-01	3.13E-02	1.77E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	Platte County	29165	U	Nickel Compounds	4.55E-05	4.92E-05	1.04E-04	1.51E-04	1.73E-04	1.89E-04	3.22E-04	4.35E-04	1.40E-05	1.21E-04	2.44E-05	1.32E-05	0.00E+00
Missouri	Platte County	29165	U	Perchloroethylene	1.88E-01	2.45E-01	2.63E-01	3.03E-01	3.44E-01	4.02E-01	4.22E-01	9.06E-01	1.55E-01	4.87E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Platte County	29165	U	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.95E-04	4.09E-04	4.11E-04	4.19E-04	4.44E-04	4.48E-04	0.00E+00	3.10E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Platte County	29165	U	Polycyclic Organic Matter	1.10E-02	1.51E-02	3.22E-02	3.72E-02	3.69E-02	4.21E-02	5.39E-02	6.81E-02	4.87E-04	2.16E-02	1.09E-02	3.87E-03	0.00E+00
Missouri	Platte County	29165	U	7-PAH	3.72E-04	4.68E-04	6.73E-04	8.73E-04	8.39E-04	9.99E-04	1.12E-03	1.26E-03	7.50E-09	7.44E-04	7.08E-05	2.47E-05	0.00E+00
Missouri	Platte County	29165	U	Propylene Dichloride	5.89E-06	1.02E-05	1.71E-05	2.38E-05	2.80E-05	3.58E-05	5.76E-05	6.29E-05	4.75E-06	2.33E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Quinoline	6.15E-08	6.39E-08	1.09E-07	1.84E-07	2.07E-07	2.56E-07	3.70E-07	6.37E-07	0.00E+00	2.07E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	1,1,2,2-Tetrachloroethane	5.38E-05	8.57E-05	1.50E-04	2.09E-04	2.47E-04	3.23E-04	4.88E-04	5.71E-04	4.35E-05	2.03E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Platte County	29165	U	Trichloroethylene	8.35E-02	8.44E-02	9.33E-02	9.73E-02	9.77E-02	1.01E-01	1.09E-01	1.24E-01	1.72E-04	1.65E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Platte County	29165	U	Vinyl Chloride	1.12E-04	1.88E-04	3.42E-04	4.60E-04	5.56E-04	7.25E-04	1.08E-03	1.30E-03	1.07E-04	4.48E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	Acetaldehyde	3.40E-02	3.40E-02	3.85E-02	5.70E-02	5.77E-02	7.69E-02	8.27E-02	8.27E-02	1.99E-05	2.75E-03	4.66E-02	8.34E-03	0.00E+00
Missouri	Polk County	29167	R	Acrolein	7.89E-03	7.89E-03	8.72E-03	1.26E-02	1.24E-02	1.60E-02	1.64E-02	1.64E-02	3.79E-06	2.47E-03	8.09E-03	1.81E-03	0.00E+00
Missouri	Polk County	29167	R	Acrylonitrile	7.97E-06	7.97E-06	4.30E-05	9.50E-05	9.33E-05	1.44E-04	1.75E-04	1.75E-04	0.00E+00	9.33E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	Arsenic Compounds	6.51E-06	6.51E-06	6.86E-06	1.39E-05	1.55E-05	2.42E-05	2.78E-05	2.78E-05	5.96E-06	1.12E-06	6.67E-06	1.78E-06	0.00E+00
Missouri	Polk County	29167	R	Benzene	5.65E-01	5.65E-01	5.70E-01	6.05E-01	6.04E-01	6.39E-01	6.43E-01	6.43E-01	2.26E-05	2.73E-02	7.90E-02	1.79E-02	4.80E-01
Missouri	Polk County	29167	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
Missouri	Polk County	29167	R	Beryllium Compounds	2.12E-07	2.12E-07	2.13E-07	6.39E-07	7.34E-07	1.25E-06	1.44E-06	1.44E-06	3.17E-07	3.07E-07	0.00E+00	1.10E-07	0.00E+00
Missouri	Polk County	29167	R	1,3-Butadiene	3.18E-03	3.18E-03	3.24E-03	3.73E-03	3.77E-03	4.30E-03	4.44E-03	4.44E-03	0.00E+00	4.12E-04	2.66E-03	6.95E-04	0.00E+00
Missouri	Polk County	29167	R	Cadmium Compounds	4.20E-07	4.20E-07	4.27E-07	1.33E-06	1.57E-06	2.71E-06	3.20E-06	3.20E-06	7.93E-07	6.68E-07	0.00E+00	1.09E-07	0.00E+00
Missouri	Polk County	29167	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.73E-02	4.73E-02	4.73E-02	2.24E-06	1.85E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Polk County	29167	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	4.47E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Polk County	29167	R	Chloroform	8.40E-02	8.40E-02	8.41E-02	8.49E-02	8.49E-02	8.57E-02	8.58E-02	8.58E-02	0.00E+00	1.90E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Polk County	29167	R	Chromium Compounds (includes Hexavalent)	3.36E-06	3.36E-06	1.07E-04	3.59E-04	3.27E-04	5.46E-04	5.85E-04	5.85E-04	1.13E-05	3.10E-04	4.78E-06	2.04E-07	0.00E+00
Missouri	Polk County	29167	R	Chromium VI	1.36E-06	1.36E-06	3.66E-05	1.40E-04	1.24E-04	2.12E-04	2.16E-04	2.16E-04	2.92E-06	1.20E-04	1.90E-06	6.95E-08	0.00E+00
Missouri	Polk County	29167	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
Missouri	Polk County	29167	R	1,4-Dichlorobenzene	1.88E-03	1.88E-03	1.96E-03	2.85E-03	2.84E-03	3.73E-03	3.80E-03	3.80E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	1,3-Dichloropropene	3.68E-03	3.68E-03	3.80E-03	5.41E-03	5.38E-03	6.96E-03	7.03E-03	7.03E-03	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	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	5.55E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Polk County	29167	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	6.88E-07	1.04E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Polk County	29167	R	Ethylene Oxide	3.70E-05	3.70E-05	7.95E-05	1.45E-04	1.38E-04	1.97E-04	2.25E-04	2.25E-04	2.89E-05	1.09E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	Formaldehyde	2.92E-01	2.92E-01	2.96E-01	3.13E-01	3.13E-01	3.30E-01	3.35E-01	3.35E-01	1.13E-05	8.90E-03	4.06E-02	1.37E-02	2.50E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Polk County	29167	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.67E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Polk County	29167	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	2.14E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Polk County	29167	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
Missouri	Polk County	29167	R	Hydrazine	6.72E-10	6.72E-10	7.57E-10	9.60E-10	9.54E-10	1.15E-09	1.22E-09	1.22E-09	0.00E+00	9.54E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	Lead Compounds	3.67E-06	3.67E-06	7.67E-05	1.84E-04	1.74E-04	2.71E-04	3.24E-04	3.24E-04	7.75E-06	5.32E-05	0.00E+00	1.13E-04	0.00E+00
Missouri	Polk County	29167	R	Manganese Compounds	2.93E-06	2.93E-06	5.12E-05	2.15E-04	2.00E-04	3.50E-04	3.69E-04	3.69E-04	1.44E-05	1.84E-04	1.44E-06	1.83E-07	0.00E+00
Missouri	Polk County	29167	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	2.19E-10	1.12E-06	7.29E-06	1.63E-06	1.50E-03
Missouri	Polk County	29167	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	2.31E-01	2.49E-01	3.40E-01	3.75E-01	3.75E-01	8.73E-02	1.13E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Polk County	29167	R	Nickel Compounds	1.07E-05	1.07E-05	7.88E-05	2.90E-04	2.60E-04	4.41E-04	4.49E-04	4.49E-04	1.06E-05	2.46E-04	3.55E-06	2.92E-07	0.00E+00
Missouri	Polk County	29167	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.45E-01	1.47E-01	1.47E-01	1.47E-01	6.75E-07	4.89E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Polk County	29167	R	Polychlorinated Biphenyls	3.92E-04	3.92E-04	3.94E-04	3.97E-04	3.96E-04	3.97E-04	3.98E-04	3.98E-04	0.00E+00	1.58E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Polk County	29167	R	Polycyclic Organic Matter	5.65E-03	5.65E-03	5.87E-03	7.89E-03	7.83E-03	9.80E-03	9.90E-03	9.90E-03	3.92E-07	5.90E-03	1.60E-03	3.33E-04	0.00E+00
Missouri	Polk County	29167	R	7-PAH	3.31E-04	3.31E-04	3.39E-04	3.83E-04	3.81E-04	4.24E-04	4.29E-04	4.29E-04	6.61E-09	3.65E-04	1.11E-05	4.70E-06	0.00E+00
Missouri	Polk County	29167	R	Propylene Dichloride	3.09E-07	3.09E-07	2.43E-06	5.49E-06	5.36E-06	8.30E-06	1.02E-05	1.02E-05	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	Quinoline	3.81E-09	3.81E-09	5.14E-09	1.17E-08	1.16E-08	1.81E-08	1.93E-08	1.93E-08	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	1,1,2,2-Tetrachloroethane	7.90E-07	7.90E-07	1.99E-05	4.60E-05	4.49E-05	6.99E-05	8.69E-05	8.69E-05	0.00E+00	4.49E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Polk County	29167	R	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.22E-02	8.22E-02	8.28E-02	8.29E-02	8.29E-02	0.00E+00	1.24E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Polk County	29167	R	Vinyl Chloride	2.09E-06	2.09E-06	4.93E-05	1.14E-04	1.11E-04	1.73E-04	2.15E-04	2.15E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	Acetaldehyde	3.53E-02	3.53E-02	3.90E-02	5.07E-02	5.92E-02	6.27E-02	1.19E-01	1.19E-01	0.00E+00	8.11E-03	3.59E-02	1.52E-02	0.00E+00
Missouri	Pulaski County	29169	R	Acrolein	9.51E-03	9.51E-03	9.77E-03	1.28E-02	1.26E-02	1.43E-02	1.73E-02	1.73E-02	0.00E+00	5.32E-03	6.19E-03	1.13E-03	0.00E+00
Missouri	Pulaski County	29169	R	Acrylonitrile	1.77E-05	1.77E-05	2.58E-05	3.28E-05	6.55E-05	1.45E-04	1.74E-04	1.74E-04	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	Arsenic Compounds	6.92E-06	6.92E-06	8.83E-06	1.31E-05	1.46E-05	1.91E-05	2.71E-05	2.71E-05	0.00E+00	1.06E-06	1.03E-05	3.30E-06	0.00E+00
Missouri	Pulaski County	29169	R	Benzene	5.64E-01	5.64E-01	5.81E-01	6.19E-01	6.35E-01	6.71E-01	7.61E-01	7.61E-01	0.00E+00	3.66E-02	1.00E-01	1.82E-02	4.80E-01
Missouri	Pulaski County	29169	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
Missouri	Pulaski County	29169	R	Beryllium Compounds	2.77E-07	2.77E-07	3.60E-07	4.26E-07	5.20E-07	6.99E-07	1.05E-06	1.05E-06	0.00E+00	2.20E-07	0.00E+00	3.00E-07	0.00E+00
Missouri	Pulaski County	29169	R	1,3-Butadiene	3.37E-03	3.37E-03	5.23E-03	9.70E-03	1.06E-02	1.42E-02	2.11E-02	2.11E-02	0.00E+00	1.64E-03	7.61E-03	1.32E-03	0.00E+00
Missouri	Pulaski County	29169	R	Cadmium Compounds	4.35E-07	4.35E-07	5.62E-07	6.52E-07	7.62E-07	9.63E-07	1.40E-06	1.40E-06	0.00E+00	4.62E-07	0.00E+00	2.99E-07	0.00E+00
Missouri	Pulaski County	29169	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.74E-02	4.72E-02	4.88E-02	4.88E-02	0.00E+00	3.80E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Pulaski County	29169	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	1.00E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Pulaski County	29169	R	Chloroform	8.36E-02	8.36E-02	8.37E-02	8.43E-02	8.51E-02	8.52E-02	9.05E-02	9.05E-02	0.00E+00	2.13E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Pulaski County	29169	R	Chromium Compounds (includes Hexavalent)	1.11E-04	1.11E-04	1.60E-04	4.71E-04	6.01E-04	1.11E-03	1.38E-03	1.38E-03	2.81E-08	5.94E-04	6.54E-06	2.56E-07	0.00E+00
Missouri	Pulaski County	29169	R	Chromium VI	4.47E-05	4.47E-05	5.46E-05	1.72E-04	2.09E-04	3.79E-04	4.80E-04	4.80E-04	9.56E-09	2.07E-04	2.63E-06	8.69E-08	0.00E+00
Missouri	Pulaski County	29169	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
Missouri	Pulaski County	29169	R	1,4-Dichlorobenzene	1.51E-03	1.51E-03	1.89E-03	3.39E-03	5.12E-03	5.63E-03	1.68E-02	1.68E-02	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	1,3-Dichloropropene	2.95E-03	2.95E-03	3.71E-03	6.80E-03	1.03E-02	1.14E-02	3.41E-02	3.41E-02	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	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	1.92E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Pulaski County	29169	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	3.94E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Pulaski County	29169	R	Ethylene Oxide	2.20E-05	2.20E-05	2.48E-05	2.91E-05	5.42E-05	1.14E-04	1.32E-04	1.32E-04	0.00E+00	5.42E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	Formaldehyde	2.99E-01	2.99E-01	3.02E-01	3.28E-01	3.37E-01	3.46E-01	4.22E-01	4.22E-01	1.02E-07	2.32E-02	4.30E-02	2.11E-02	2.50E-01
Missouri	Pulaski County	29169	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.39E-05	9.39E-05	0.00E+00	3.03E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Pulaski County	29169	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	5.73E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Pulaski County	29169	R	Hexamethylene Diisocyanate	8.87E-05	8.87E-05	1.46E-04	3.86E-04	5.02E-04	9.29E-04	1.14E-03	1.14E-03	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	Hydrazine	5.77E-11	5.77E-11	1.11E-10	1.44E-10	1.68E-10	2.16E-10	3.87E-10	3.87E-10	0.00E+00	1.68E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	Lead Compounds	1.30E-05	1.30E-05	1.34E-05	3.26E-05	3.52E-05	5.78E-05	6.58E-05	6.58E-05	0.00E+00	6.71E-06	0.00E+00	2.85E-05	0.00E+00
Missouri	Pulaski County	29169	R	Manganese Compounds	2.66E-05	2.66E-05	2.75E-05	3.77E-05	4.54E-05	7.48E-05	7.67E-05	7.67E-05	0.00E+00	4.30E-05	2.11E-06	3.07E-07	0.00E+00
Missouri	Pulaski County	29169	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	1.17E-06	1.18E-05	3.04E-06	1.50E-03
Missouri	Pulaski County	29169	R	Methylene Chloride	1.58E-01	1.58E-01	1.60E-01	1.69E-01	1.70E-01	1.76E-01	1.89E-01	1.89E-01	1.37E-03	1.85E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Pulaski County	29169	R	Nickel Compounds	8.03E-06	8.03E-06	8.38E-06	2.29E-05	1.97E-05	3.01E-05	3.34E-05	3.34E-05	0.00E+00	1.42E-05	4.90E-06	5.13E-07	0.00E+00
Missouri	Pulaski County	29169	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.53E-01	1.55E-01	1.64E-01	1.70E-01	1.70E-01	0.00E+00	1.50E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Pulaski County	29169	R	Polychlorinated Biphenyls	3.89E-04	3.89E-04	3.91E-04	4.02E-04	4.17E-04	4.33E-04	4.99E-04	4.99E-04	0.00E+00	3.69E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Pulaski County	29169	R	Polycyclic Organic Matter	5.05E-03	5.05E-03	5.39E-03	7.12E-03	8.78E-03	9.24E-03	1.96E-02	1.96E-02	0.00E+00	6.36E-03	2.15E-03	2.69E-04	0.00E+00
Missouri	Pulaski County	29169	R	7-PAH	3.01E-04	3.01E-04	3.43E-04	4.49E-04	4.91E-04	5.93E-04	9.23E-04	9.23E-04	0.00E+00	4.71E-04	1.61E-05	4.43E-06	0.00E+00
Missouri	Pulaski County	29169	R	Propylene Dichloride	9.55E-07	9.55E-07	1.11E-06	1.60E-06	2.94E-06	5.52E-06	8.39E-06	8.39E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	Quinoline	1.84E-09	1.84E-09	3.05E-09	4.01E-09	4.71E-09	5.24E-09	1.12E-08	1.12E-08	0.00E+00	4.71E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	1,1,2,2-Tetrachloroethane	3.43E-06	3.43E-06	4.63E-06	5.43E-06	1.56E-05	1.48E-05	6.84E-05	6.84E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Pulaski County	29169	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.16E-02	8.17E-02	8.18E-02	8.20E-02	8.20E-02	0.00E+00	6.53E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Pulaski County	29169	R	Vinyl Chloride	1.16E-05	1.16E-05	1.56E-05	1.79E-05	4.48E-05	3.98E-05	1.86E-04	1.86E-04	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	Acetaldehyde	1.44E-02	1.44E-02	1.44E-02	1.46E-02	1.46E-02	1.49E-02	1.49E-02	1.49E-02	0.00E+00	1.33E-03	7.32E-03	5.99E-03	0.00E+00
Missouri	Putnam County	29171	R	Acrolein	3.88E-03	3.88E-03	3.88E-03	3.91E-03	3.91E-03	3.93E-03	3.93E-03	3.93E-03	0.00E+00	1.62E-03	1.60E-03	6.85E-04	0.00E+00
Missouri	Putnam County	29171	R	Acrylonitrile	1.19E-05	1.19E-05	1.19E-05	1.22E-05	1.22E-05	1.25E-05	1.25E-05	1.25E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	Arsenic Compounds	4.79E-06	4.79E-06	4.79E-06	4.80E-06	4.80E-06	4.81E-06	4.81E-06	4.81E-06	0.00E+00	4.64E-07	2.23E-06	2.11E-06	0.00E+00
Missouri	Putnam County	29171	R	Benzene	5.26E-01	5.26E-01	5.26E-01	5.27E-01	5.27E-01	5.27E-01	5.27E-01	5.27E-01	0.00E+00	1.60E-02	2.14E-02	9.25E-03	4.80E-01
Missouri	Putnam County	29171	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
Missouri	Putnam County	29171	R	Beryllium Compounds	1.34E-07	1.34E-07	1.34E-07	1.35E-07	1.35E-07	1.37E-07	1.37E-07	1.37E-07	0.00E+00	1.18E-07	0.00E+00	1.74E-08	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Putnam County	29171	R	1,3-Butadiene	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.35E-03	2.35E-03	2.35E-03	0.00E+00	4.39E-04	1.42E-03	4.90E-04	0.00E+00
Missouri	Putnam County	29171	R	Cadmium Compounds	3.09E-07	3.09E-07	3.09E-07	3.12E-07	3.12E-07	3.15E-07	3.15E-07	3.15E-07	0.00E+00	2.95E-07	0.00E+00	1.72E-08	0.00E+00
Missouri	Putnam County	29171	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	7.22E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Putnam County	29171	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	2.04E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Putnam County	29171	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.35E-02	8.35E-02	8.35E-02	8.35E-02	8.35E-02	0.00E+00	4.55E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Putnam County	29171	R	Chromium Compounds (includes Hexavalent)	1.76E-06	1.76E-06	1.76E-06	1.77E-06	1.77E-06	1.78E-06	1.78E-06	1.78E-06	0.00E+00	3.28E-07	1.36E-06	9.03E-08	0.00E+00
Missouri	Putnam County	29171	R	Chromium VI	6.80E-07	6.80E-07	6.80E-07	6.84E-07	6.84E-07	6.88E-07	6.88E-07	6.88E-07	0.00E+00	1.44E-07	5.10E-07	3.07E-08	0.00E+00
Missouri	Putnam County	29171	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
Missouri	Putnam County	29171	R	1,4-Dichlorobenzene	1.41E-03	1.41E-03	1.41E-03	1.42E-03	1.42E-03	1.43E-03	1.43E-03	1.43E-03	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	1,3-Dichloropropene	2.81E-03	2.81E-03	2.81E-03	2.83E-03	2.83E-03	2.84E-03	2.84E-03	2.84E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.67E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Putnam County	29171	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	8.30E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Putnam County	29171	R	Ethylene Oxide	4.97E-05	4.97E-05	4.97E-05	4.99E-05	4.99E-05	5.01E-05	5.01E-05	5.01E-05	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	Formaldehyde	2.75E-01	2.75E-01	2.75E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01	0.00E+00	5.95E-03	9.49E-03	1.02E-02	2.50E-01
Missouri	Putnam County	29171	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	2.37E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Putnam County	29171	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.12E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Putnam County	29171	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
Missouri	Putnam County	29171	R	Hydrazine	1.14E-11	1.14E-11	1.14E-11	1.24E-11	1.24E-11	1.34E-11	1.34E-11	1.34E-11	0.00E+00	1.24E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	Lead Compounds	4.13E-05	4.13E-05	4.13E-05	4.17E-05	4.17E-05	4.21E-05	4.21E-05	4.21E-05	0.00E+00	3.68E-05	0.00E+00	4.86E-06	0.00E+00
Missouri	Putnam County	29171	R	Manganese Compounds	1.52E-06	1.52E-06	1.52E-06	1.53E-06	1.53E-06	1.54E-06	1.54E-06	1.54E-06	0.00E+00	9.79E-07	3.76E-07	1.74E-07	0.00E+00
Missouri	Putnam County	29171	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	1.88E-06	2.60E-06	1.80E-06	1.50E-03
Missouri	Putnam County	29171	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	0.00E+00	6.68E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Putnam County	29171	R	Nickel Compounds	6.17E-06	6.17E-06	6.17E-06	6.18E-06	6.18E-06	6.18E-06	6.18E-06	6.18E-06	0.00E+00	4.93E-06	9.93E-07	2.59E-07	0.00E+00
Missouri	Putnam County	29171	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	9.12E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Putnam County	29171	R	Polychlorinated Biphenyls	4.00E-04	4.00E-04	4.00E-04	4.00E-04	4.00E-04	4.00E-04	4.00E-04	4.00E-04	0.00E+00	2.02E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Putnam County	29171	R	Polycyclic Organic Matter	2.83E-03	2.83E-03	2.83E-03	2.83E-03	2.83E-03	2.83E-03	2.83E-03	2.83E-03	0.00E+00	2.26E-03	4.44E-04	1.23E-04	0.00E+00
Missouri	Putnam County	29171	R	7-PAH	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	0.00E+00	1.93E-04	3.19E-06	2.09E-06	0.00E+00
Missouri	Putnam County	29171	R	Propylene Dichloride	5.29E-07	5.29E-07	5.29E-07	5.48E-07	5.48E-07	5.67E-07	5.67E-07	5.67E-07	0.00E+00	5.48E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	Quinoline	3.75E-10	3.75E-10	3.75E-10	4.01E-10	4.01E-10	4.27E-10	4.27E-10	4.27E-10	0.00E+00	4.01E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	1,1,2,2-Tetrachloroethane	3.14E-06	3.14E-06	3.14E-06	3.31E-06	3.31E-06	3.47E-06	3.47E-06	3.47E-06	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Putnam County	29171	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	0.00E+00	4.37E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Putnam County	29171	R	Vinyl Chloride	7.79E-06	7.79E-06	7.79E-06	8.20E-06	8.20E-06	8.61E-06	8.61E-06	8.61E-06	0.00E+00	8.20E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	Acetaldehyde	2.84E-02	2.84E-02	2.84E-02	3.56E-02	3.37E-02	3.72E-02	3.72E-02	3.72E-02	4.89E-06	1.82E-03	1.52E-02	1.67E-02	0.00E+00
Missouri	Ralls County	29173	R	Acrolein	4.86E-03	4.86E-03	4.86E-03	6.49E-03	6.29E-03	7.53E-03	7.53E-03	7.53E-03	2.09E-06	1.44E-03	3.18E-03	1.67E-03	0.00E+00
Missouri	Ralls County	29173	R	Acrylonitrile	2.96E-05	2.96E-05	2.96E-05	3.41E-05	3.71E-05	4.76E-05	4.76E-05	4.76E-05	3.39E-07	3.67E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	Arsenic Compounds	6.50E-06	6.50E-06	6.50E-06	1.63E-05	1.34E-05	1.75E-05	1.75E-05	1.75E-05	4.67E-06	2.75E-06	3.24E-06	2.76E-06	0.00E+00
Missouri	Ralls County	29173	R	Benzene	5.33E-01	5.33E-01	5.33E-01	5.49E-01	5.50E-01	5.67E-01	5.67E-01	5.67E-01	4.24E-05	1.27E-02	3.41E-02	2.29E-02	4.80E-01
Missouri	Ralls County	29173	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	8.08E-10	7.44E-10	1.42E-09	1.42E-09	1.42E-09	7.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	Beryllium Compounds	7.80E-07	7.80E-07	7.80E-07	1.28E-06	1.44E-06	2.26E-06	2.26E-06	2.26E-06	2.07E-07	7.36E-07	0.00E+00	5.00E-07	0.00E+00
Missouri	Ralls County	29173	R	1,3-Butadiene	2.26E-03	2.26E-03	2.26E-03	2.75E-03	2.92E-03	3.74E-03	3.74E-03	3.74E-03	3.52E-08	3.05E-04	1.59E-03	1.02E-03	0.00E+00
Missouri	Ralls County	29173	R	Cadmium Compounds	5.83E-05	5.83E-05	5.83E-05	6.89E-05	7.02E-05	8.33E-05	8.33E-05	8.33E-05	6.79E-05	1.79E-06	0.00E+00	5.18E-07	0.00E+00
Missouri	Ralls County	29173	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.73E-02	4.73E-02	4.75E-02	4.75E-02	4.75E-02	1.52E-04	1.72E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Ralls County	29173	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	4.52E-07	2.16E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Ralls County	29173	R	Chloroform	8.36E-02	8.36E-02	8.36E-02	8.39E-02	8.39E-02	8.43E-02	8.43E-02	8.43E-02	4.29E-07	9.46E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Ralls County	29173	R	Chromium Compounds (includes Hexavalent)	4.16E-05	4.16E-05	4.16E-05	1.33E-04	1.18E-04	1.79E-04	1.79E-04	1.79E-04	1.57E-05	9.98E-05	2.09E-06	3.87E-07	0.00E+00
Missouri	Ralls County	29173	R	Chromium VI	3.42E-05	3.42E-05	3.42E-05	1.05E-04	9.72E-05	1.53E-04	1.53E-04	1.53E-04	5.60E-06	9.07E-05	8.36E-07	1.32E-07	0.00E+00
Missouri	Ralls County	29173	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
Missouri	Ralls County	29173	R	1,4-Dichlorobenzene	7.83E-04	7.83E-04	7.83E-04	1.59E-03	1.44E-03	1.93E-03	1.93E-03	1.93E-03	2.71E-09	1.44E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	1,3-Dichloropropene	1.49E-03	1.49E-03	1.49E-03	3.09E-03	2.78E-03	3.76E-03	3.76E-03	3.76E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	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	3.79E-08	4.07E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Ralls County	29173	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	7.47E-08	4.51E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Ralls County	29173	R	Ethylene Oxide	3.42E-05	3.42E-05	3.42E-05	1.59E-04	1.21E-04	1.69E-04	1.69E-04	1.69E-04	6.07E-05	5.99E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	Formaldehyde	2.89E-01	2.89E-01	2.89E-01	2.96E-01	2.95E-01	2.99E-01	2.99E-01	2.99E-01	6.58E-05	5.30E-03	1.57E-02	2.37E-02	2.50E-01
Missouri	Ralls County	29173	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	1.31E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Ralls County	29173	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.07E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Ralls County	29173	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
Missouri	Ralls County	29173	R	Hydrazine	5.28E-10	5.28E-10	5.28E-10	2.09E-09	1.74E-09	2.61E-09	2.61E-09	2.61E-09	0.00E+00	1.74E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	Lead Compounds	5.21E-04	5.21E-04	5.21E-04	7.57E-04	6.87E-04	7.82E-04	7.82E-04	7.82E-04	2.89E-04	3.71E-04	0.00E+00	2.63E-05	0.00E+00
Missouri	Ralls County	29173	R	Manganese Compounds	2.21E-03	2.21E-03	2.21E-03	4.92E-03	4.26E-03	5.64E-03	5.64E-03	5.64E-03	2.01E-05	4.24E-03	6.67E-07	4.94E-07	0.00E+00
Missouri	Ralls County	29173	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.42E-05	4.20E-06	3.68E-06	2.96E-06	1.50E-03
Missouri	Ralls County	29173	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.58E-01	1.57E-01	1.58E-01	1.58E-01	1.58E-01	5.90E-04	6.53E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Ralls County	29173	R	Nickel Compounds	6.44E-05	6.44E-05	6.44E-05	2.31E-04	2.55E-04	4.69E-04	4.69E-04	4.69E-04	1.77E-05	2.31E-04	1.57E-06	4.93E-06	0.00E+00
Missouri	Ralls County	29173	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.59E-01	1.93E-01	1.93E-01	1.93E-01	1.67E-02	2.19E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Ralls County	29173	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	3.91E-04	3.90E-04	3.95E-04	3.95E-04	3.95E-04	0.00E+00	1.03E-05	0.00E+00	0.00E+00	3.80E-04

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Ralls County	29173	R	Polycyclic Organic Matter	2.89E-03	2.89E-03	2.89E-03	8.05E-03	7.10E-03	1.04E-02	1.04E-02	1.04E-02	2.06E-03	4.05E-03	7.15E-04	2.84E-04	0.00E+00
Missouri	Ralls County	29173	R	7-PAH	1.18E-04	1.18E-04	1.18E-04	9.92E-04	7.37E-04	1.10E-03	1.10E-03	1.10E-03	5.67E-04	1.58E-04	5.03E-06	7.19E-06	0.00E+00
Missouri	Ralls County	29173	R	Propylene Dichloride	1.79E-06	1.79E-06	1.79E-06	1.70E-05	1.26E-05	1.91E-05	1.91E-05	1.91E-05	1.04E-05	2.26E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	Quinoline	1.63E-08	1.63E-08	1.63E-08	3.45E-08	2.92E-08	3.69E-08	3.69E-08	3.69E-08	0.00E+00	2.92E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	1,1,2,2-Tetrachloroethane	1.35E-05	1.35E-05	1.35E-05	1.42E-05	1.62E-05	2.11E-05	2.11E-05	2.11E-05	8.59E-07	1.54E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ralls County	29173	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.40E-02	8.88E-02	1.01E-01	1.01E-01	1.01E-01	5.33E-03	2.49E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Ralls County	29173	R	Vinyl Chloride	3.45E-05	3.45E-05	3.45E-05	3.53E-05	4.08E-05	5.26E-05	5.26E-05	5.26E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	Acetaldehyde	2.92E-02	2.92E-02	3.39E-02	6.10E-02	5.97E-02	7.98E-02	9.32E-02	9.32E-02	1.87E-03	2.59E-03	4.13E-02	1.39E-02	0.00E+00
Missouri	Randolph County	29175	R	Acrolein	6.64E-03	6.64E-03	6.79E-03	1.23E-02	1.19E-02	1.64E-02	1.66E-02	1.66E-02	0.00E+00	2.67E-03	7.42E-03	1.77E-03	0.00E+00
Missouri	Randolph County	29175	R	Acrylonitrile	2.06E-05	2.06E-05	3.34E-05	5.57E-05	5.12E-05	6.01E-05	8.19E-05	8.19E-05	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	Arsenic Compounds	6.51E-06	6.51E-06	6.90E-06	1.82E-05	1.84E-05	3.04E-05	3.04E-05	3.04E-05	0.00E+00	2.59E-06	1.20E-05	3.88E-06	0.00E+00
Missouri	Randolph County	29175	R	Benzene	5.54E-01	5.54E-01	5.56E-01	6.83E-01	6.80E-01	7.99E-01	8.06E-01	8.06E-01	3.20E-04	3.43E-02	1.41E-01	2.51E-02	4.80E-01
Missouri	Randolph County	29175	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
Missouri	Randolph County	29175	R	Beryllium Compounds	8.14E-07	8.14E-07	8.73E-07	1.70E-06	2.01E-06	3.02E-06	3.99E-06	3.99E-06	0.00E+00	6.03E-07	0.00E+00	1.41E-06	0.00E+00
Missouri	Randolph County	29175	R	1,3-Butadiene	3.11E-03	3.11E-03	3.27E-03	1.39E-02	1.42E-02	2.54E-02	2.58E-02	2.58E-02	0.00E+00	4.98E-04	1.18E-02	1.96E-03	0.00E+00
Missouri	Randolph County	29175	R	Cadmium Compounds	1.04E-06	1.04E-06	1.06E-06	2.24E-06	2.62E-06	3.86E-06	5.30E-06	5.30E-06	0.00E+00	1.21E-06	0.00E+00	1.41E-06	0.00E+00
Missouri	Randolph County	29175	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.74E-02	4.77E-02	4.77E-02	0.00E+00	2.94E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Randolph County	29175	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.55E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Randolph County	29175	R	Chloroform	8.41E-02	8.41E-02	8.41E-02	8.64E-02	8.62E-02	8.81E-02	8.82E-02	8.82E-02	0.00E+00	3.21E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Randolph County	29175	R	Chromium Compounds (includes Hexavalent)	1.74E-05	1.74E-05	1.88E-05	2.66E-05	2.55E-05	3.17E-05	3.20E-05	3.20E-05	1.35E-05	3.16E-06	8.30E-06	5.89E-07	0.00E+00
Missouri	Randolph County	29175	R	Chromium VI	3.28E-06	3.28E-06	3.51E-06	6.26E-06	6.24E-06	8.91E-06	9.23E-06	9.23E-06	1.48E-06	1.36E-06	3.20E-06	2.00E-07	0.00E+00
Missouri	Randolph County	29175	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
Missouri	Randolph County	29175	R	1,4-Dichlorobenzene	1.77E-03	1.77E-03	1.77E-03	6.32E-03	6.28E-03	1.05E-02	1.11E-02	1.11E-02	0.00E+00	6.28E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	1,3-Dichloropropene	3.50E-03	3.50E-03	3.51E-03	1.27E-02	1.27E-02	2.12E-02	2.24E-02	2.24E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	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-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Randolph County	29175	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	3.98E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Randolph County	29175	R	Ethylene Oxide	2.59E-05	2.59E-05	4.96E-05	1.19E-04	1.83E-04	2.55E-04	5.31E-04	5.31E-04	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	Formaldehyde	2.97E-01	2.97E-01	2.99E-01	3.52E-01	3.49E-01	3.96E-01	3.98E-01	3.98E-01	9.53E-03	7.95E-03	5.75E-02	2.41E-02	2.50E-01
Missouri	Randolph County	29175	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.34E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	3.63E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Randolph County	29175	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	4.61E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Randolph County	29175	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
Missouri	Randolph County	29175	R	Hydrazine	8.67E-12	8.67E-12	9.35E-12	1.47E-11	1.65E-11	1.71E-11	3.45E-11	3.45E-11	0.00E+00	1.65E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	Lead Compounds	3.93E-05	3.93E-05	1.06E-04	1.30E-04	1.29E-04	1.54E-04	2.16E-04	2.16E-04	3.80E-06	5.23E-05	0.00E+00	7.30E-05	0.00E+00
Missouri	Randolph County	29175	R	Manganese Compounds	5.43E-05	5.43E-05	6.41E-05	6.98E-05	7.05E-05	7.24E-05	9.27E-05	9.27E-05	4.71E-05	2.04E-05	2.63E-06	4.66E-07	0.00E+00
Missouri	Randolph County	29175	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	9.39E-06	2.46E-06	1.30E-05	4.77E-06	1.50E-03
Missouri	Randolph County	29175	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.76E-01	1.78E-01	1.97E-01	2.07E-01	2.07E-01	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Randolph County	29175	R	Nickel Compounds	1.43E-05	1.43E-05	1.58E-05	4.28E-05	5.70E-05	7.70E-05	1.50E-04	1.50E-04	0.00E+00	4.95E-05	6.28E-06	1.24E-06	0.00E+00
Missouri	Randolph County	29175	R	Perchloroethylene	1.45E-01	1.45E-01	1.46E-01	1.60E-01	1.59E-01	1.71E-01	1.71E-01	1.71E-01	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Randolph County	29175	R	Polychlorinated Biphenyls	3.89E-04	3.89E-04	3.91E-04	4.17E-04	4.18E-04	4.45E-04	4.47E-04	4.47E-04	0.00E+00	3.77E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Randolph County	29175	R	Polycyclic Organic Matter	4.46E-03	4.46E-03	4.57E-03	1.15E-02	1.13E-02	1.80E-02	1.81E-02	1.81E-02	1.84E-05	7.97E-03	2.84E-03	5.13E-04	0.00E+00
Missouri	Randolph County	29175	R	7-PAH	2.18E-04	2.18E-04	2.18E-04	4.30E-04	4.33E-04	6.36E-04	6.65E-04	6.65E-04	0.00E+00	4.06E-04	1.91E-05	7.54E-06	0.00E+00
Missouri	Randolph County	29175	R	Propylene Dichloride	1.01E-06	1.01E-06	1.66E-06	2.25E-06	2.26E-06	3.07E-06	3.35E-06	3.35E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	Quinoline	1.85E-10	1.85E-10	2.04E-10	3.48E-10	3.52E-10	3.92E-10	6.36E-10	6.36E-10	0.00E+00	3.52E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	1,1,2,2-Tetrachloroethane	6.96E-06	6.96E-06	8.62E-06	1.06E-05	1.25E-05	1.22E-05	2.57E-05	2.57E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Randolph County	29175	R	Trichloroethylene	8.61E-02	8.61E-02	8.63E-02	8.95E-02	8.93E-02	9.07E-02	9.36E-02	9.36E-02	5.15E-03	3.13E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Randolph County	29175	R	Vinyl Chloride	2.15E-05	2.15E-05	2.53E-05	3.34E-05	7.03E-05	7.63E-05	2.32E-04	2.32E-04	3.28E-05	3.75E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	Acetaldehyde	5.22E-02	5.22E-02	7.07E-02	1.12E-01	1.12E-01	1.53E-01	1.72E-01	1.72E-01	1.00E-04	6.36E-03	7.90E-02	2.64E-02	0.00E+00
Missouri	Ray County	29177	U	Acrolein	9.22E-03	9.22E-03	1.29E-02	1.85E-02	1.90E-02	2.51E-02	2.97E-02	2.97E-02	5.65E-06	1.80E-03	1.40E-02	3.15E-03	0.00E+00
Missouri	Ray County	29177	U	Acrylonitrile	1.53E-05	1.53E-05	1.33E-04	2.58E-04	3.09E-04	4.85E-04	7.06E-04	7.06E-04	2.47E-04	6.21E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	Arsenic Compounds	1.62E-05	1.62E-05	2.06E-05	3.07E-05	3.20E-05	4.33E-05	5.03E-05	5.03E-05	9.96E-06	5.97E-06	1.15E-05	4.49E-06	0.00E+00
Missouri	Ray County	29177	U	Benzene	5.69E-01	5.69E-01	6.05E-01	7.04E-01	6.89E-01	7.73E-01	7.79E-01	7.79E-01	4.83E-04	3.97E-02	1.44E-01	2.55E-02	4.80E-01
Missouri	Ray County	29177	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
Missouri	Ray County	29177	U	Beryllium Compounds	2.70E-06	2.70E-06	3.56E-06	4.56E-06	4.86E-06	6.15E-06	7.61E-06	7.61E-06	5.16E-07	2.24E-06	0.00E+00	2.10E-06	0.00E+00
Missouri	Ray County	29177	U	1,3-Butadiene	2.70E-03	2.70E-03	3.59E-03	6.12E-03	8.00E-03	1.24E-02	1.70E-02	1.70E-02	0.00E+00	2.34E-04	6.42E-03	1.34E-03	0.00E+00
Missouri	Ray County	29177	U	Cadmium Compounds	3.33E-06	3.33E-06	4.22E-06	5.20E-06	6.09E-06	7.95E-06	1.06E-05	1.06E-05	1.26E-06	2.68E-06	0.00E+00	2.14E-06	0.00E+00
Missouri	Ray County	29177	U	Carbon Disulfide	4.71E-02	4.71E-02	4.73E-02	4.76E-02	4.75E-02	4.78E-02	4.78E-02	4.78E-02	2.57E-05	5.04E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Ray County	29177	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.44E-06	6.81E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Ray County	29177	U	Chloroform	8.47E-02	8.47E-02	8.57E-02	8.77E-02	8.75E-02	8.94E-02	8.99E-02	8.99E-02	1.80E-06	4.51E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Ray County	29177	U	Chromium Compounds (includes Hexavalent)	1.23E-05	1.23E-05	2.66E-05	4.29E-05	4.90E-05	7.14E-05	9.79E-05	9.79E-05	9.87E-06	2.98E-05	8.38E-06	9.29E-07	0.00E+00
Missouri	Ray County	29177	U	Chromium VI	2.89E-06	2.89E-06	9.72E-06	1.67E-05	1.84E-05	2.71E-05	3.73E-05	3.73E-05	1.88E-06	1.29E-05	3.35E-06	3.16E-07	0.00E+00
Missouri	Ray County	29177	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
Missouri	Ray County	29177	U	1,4-Dichlorobenzene	1.98E-03	1.98E-03	3.22E-03	5.61E-03	5.40E-03	7.58E-03	8.41E-03	8.41E-03	1.55E-05	5.38E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	1,3-Dichloropropene	3.76E-03	3.76E-03	6.02E-03	1.04E-02	1.03E-02	1.45E-02	1.66E-02	1.66E-02	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	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	9.45E-08	5.24E-08	0.00E+00	0.00E+00	7.70E-03

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Ray County	29177	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	2.15E-05	9.53E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Ray County	29177	U	Ethylene Oxide	3.03E-05	3.03E-05	8.08E-05	1.61E-04	1.77E-04	2.73E-04	3.55E-04	3.55E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	Formaldehyde	3.13E-01	3.13E-01	3.29E-01	3.78E-01	3.77E-01	4.25E-01	4.40E-01	4.40E-01	3.34E-03	9.20E-03	7.14E-02	4.31E-02	2.50E-01
Missouri	Ray County	29177	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.37E-05	0.00E+00	2.96E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Ray County	29177	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	3.01E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Ray County	29177	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	3.29E-05	9.09E-05	7.84E-05	1.24E-04	1.32E-04	1.32E-04	7.79E-05	4.94E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	Hydrazine	7.96E-10	7.96E-10	1.94E-07	7.08E-07	6.20E-07	1.05E-06	1.06E-06	1.06E-06	0.00E+00	6.20E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	Lead Compounds	3.45E-05	3.45E-05	7.88E-05	1.47E-04	1.98E-04	3.17E-04	4.64E-04	4.64E-04	1.19E-05	1.36E-04	0.00E+00	4.97E-05	0.00E+00
Missouri	Ray County	29177	U	Manganese Compounds	1.34E-05	1.34E-05	6.97E-05	1.85E-04	1.66E-04	2.63E-04	2.82E-04	2.82E-04	1.77E-05	1.45E-04	2.54E-06	1.04E-06	0.00E+00
Missouri	Ray County	29177	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	3.02E-08	3.83E-06	1.25E-05	6.42E-06	1.50E-03
Missouri	Ray County	29177	U	Methylene Chloride	1.63E-01	1.63E-01	1.67E-01	1.79E-01	1.97E-01	2.28E-01	2.67E-01	2.67E-01	1.17E-03	4.59E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Ray County	29177	U	Nickel Compounds	2.09E-05	2.09E-05	3.63E-05	5.62E-05	5.70E-05	7.77E-05	9.47E-05	9.47E-05	8.48E-06	2.97E-05	6.17E-06	1.27E-05	0.00E+00
Missouri	Ray County	29177	U	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.47E-01	1.50E-01	1.56E-01	1.64E-01	1.64E-01	3.35E-03	6.81E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Ray County	29177	U	Polychlorinated Biphenyls	3.91E-04	3.91E-04	3.91E-04	3.93E-04	4.08E-04	4.26E-04	4.56E-04	4.56E-04	0.00E+00	2.83E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Ray County	29177	U	Polycyclic Organic Matter	5.48E-03	5.48E-03	7.99E-03	1.35E-02	1.26E-02	1.73E-02	1.80E-02	1.80E-02	2.72E-05	9.00E-03	2.85E-03	7.43E-04	0.00E+00
Missouri	Ray County	29177	U	7-PAH	2.31E-04	2.31E-04	3.06E-04	5.14E-04	4.90E-04	6.75E-04	7.03E-04	7.03E-04	9.90E-09	4.60E-04	1.96E-05	1.05E-05	0.00E+00
Missouri	Ray County	29177	U	Propylene Dichloride	8.47E-07	8.47E-07	7.53E-06	1.48E-05	1.34E-05	1.93E-05	2.33E-05	2.33E-05	1.02E-05	3.18E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	Quinoline	1.55E-08	1.55E-08	1.96E-08	5.78E-08	5.57E-08	9.17E-08	9.18E-08	9.18E-08	0.00E+00	5.57E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	1,1,2,2-Tetrachloroethane	4.74E-06	4.74E-06	6.16E-05	1.38E-04	1.23E-04	1.85E-04	2.11E-04	2.11E-04	9.37E-05	2.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ray County	29177	U	Trichloroethylene	8.14E-02	8.14E-02	8.25E-02	8.42E-02	8.38E-02	8.51E-02	8.54E-02	8.54E-02	1.83E-04	2.61E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Ray County	29177	U	Vinyl Chloride	1.22E-05	1.22E-05	1.50E-04	3.16E-04	2.88E-04	4.26E-04	5.07E-04	5.07E-04	2.31E-04	5.71E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	R	Acetaldehyde	1.20E-02	1.20E-02	1.20E-02	1.69E-02	1.69E-02	2.19E-02	2.19E-02	2.19E-02	7.93E-05	8.62E-03	6.63E-03	1.59E-03	0.00E+00
Missouri	Reynolds County	29179	R	Acrolein	7.97E-03	7.97E-03	7.97E-03	9.76E-03	9.76E-03	1.16E-02	1.16E-02	1.16E-02	6.35E-04	7.42E-03	1.22E-03	4.88E-04	0.00E+00
Missouri	Reynolds County	29179	R	Acrylonitrile	2.50E-06	2.50E-06	2.50E-06	3.34E-06	3.34E-06	4.19E-06	4.19E-06	4.19E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	R	Arsenic Compounds	5.91E-04	5.91E-04	5.91E-04	1.17E-03	1.17E-03	1.75E-03	1.75E-03	1.75E-03	1.17E-03	1.83E-07	1.42E-06	3.71E-07	0.00E+00
Missouri	Reynolds County	29179	R	Benzene	5.15E-01	5.15E-01	5.15E-01	5.22E-01	5.22E-01	5.29E-01	5.29E-01	5.29E-01	2.05E-04	1.90E-02	1.39E-02	9.01E-03	4.80E-01
Missouri	Reynolds County	29179	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
Missouri	Reynolds County	29179	R	Beryllium Compounds	3.54E-08	3.54E-08	3.54E-08	4.36E-08	4.36E-08	5.19E-08	5.19E-08	5.19E-08	0.00E+00	4.02E-08	0.00E+00	3.46E-09	0.00E+00
Missouri	Reynolds County	29179	R	1,3-Butadiene	2.76E-03	2.76E-03	2.76E-03	3.03E-03	3.03E-03	3.30E-03	3.30E-03	3.30E-03	1.37E-04	1.70E-03	7.27E-04	4.67E-04	0.00E+00
Missouri	Reynolds County	29179	R	Cadmium Compounds	2.64E-05	2.64E-05	2.64E-05	4.81E-05	4.81E-05	6.98E-05	6.98E-05	6.98E-05	4.80E-05	1.07E-07	0.00E+00	3.43E-09	0.00E+00
Missouri	Reynolds County	29179	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.73E-02	4.73E-02	4.74E-02	4.74E-02	4.74E-02	2.50E-04	2.97E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Reynolds County	29179	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	7.62E-06	0.00E+00	0.00E+00	8.80E-01
Missouri	Reynolds County	29179	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	1.78E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Reynolds County	29179	R	Chromium Compounds (includes Hexavalent)	1.57E-06	1.57E-06	1.57E-06	1.59E-06	1.59E-06	1.62E-06	1.62E-06	1.62E-06	5.40E-07	1.35E-07	8.55E-07	6.25E-08	0.00E+00
Missouri	Reynolds County	29179	R	Chromium VI	3.63E-07	3.63E-07	3.63E-07	4.33E-07	4.33E-07	5.02E-07	5.02E-07	5.02E-07	1.62E-08	6.99E-08	3.25E-07	2.13E-08	0.00E+00
Missouri	Reynolds County	29179	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
Missouri	Reynolds County	29179	R	1,4-Dichlorobenzene	4.29E-04	4.29E-04	4.29E-04	5.50E-04	5.50E-04	6.71E-04	6.71E-04	6.71E-04	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	R	1,3-Dichloropropene	8.39E-04	8.39E-04	8.39E-04	1.07E-03	1.07E-03	1.31E-03	1.31E-03	1.31E-03	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	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-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Reynolds County	29179	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	2.23E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Reynolds County	29179	R	Ethylene Oxide	4.17E-06	4.17E-06	4.17E-06	9.38E-06	9.38E-06	1.46E-05	1.46E-05	1.46E-05	0.00E+00	9.38E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	R	Formaldehyde	2.83E-01	2.83E-01	2.83E-01	2.91E-01	2.91E-01	2.99E-01	2.99E-01	2.99E-01	1.02E-05	3.12E-02	6.85E-03	2.86E-03	2.50E-01
Missouri	Reynolds County	29179	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	5.76E-08	0.00E+00	0.00E+00	9.30E-05
Missouri	Reynolds County	29179	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.73E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Reynolds County	29179	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
Missouri	Reynolds County	29179	R	Hydrazine	3.03E-11	3.03E-11	3.03E-11	5.64E-11	5.64E-11	8.25E-11	8.25E-11	8.25E-11	0.00E+00	5.64E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	R	Lead Compounds	3.26E-02	3.26E-02	3.26E-02	6.97E-02	6.97E-02	1.07E-01	1.07E-01	1.07E-01	5.69E-02	1.28E-02	0.00E+00	1.34E-07	0.00E+00
Missouri	Reynolds County	29179	R	Manganese Compounds	7.15E-06	7.15E-06	7.15E-06	1.26E-05	1.26E-05	1.81E-05	1.81E-05	1.81E-05	1.17E-05	6.03E-07	2.57E-07	4.25E-08	0.00E+00
Missouri	Reynolds County	29179	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	1.13E-07	1.72E-06	2.87E-07	1.50E-03
Missouri	Reynolds County	29179	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	9.38E-06	2.25E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Reynolds County	29179	R	Nickel Compounds	3.22E-03	3.22E-03	3.22E-03	6.40E-03	6.40E-03	9.58E-03	9.58E-03	9.58E-03	6.39E-03	4.40E-06	6.52E-07	7.21E-08	0.00E+00
Missouri	Reynolds County	29179	R	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	1.15E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Reynolds County	29179	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.86E-04	3.86E-04	3.87E-04	3.87E-04	3.87E-04	0.00E+00	6.14E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Reynolds County	29179	R	Polycyclic Organic Matter	1.89E-03	1.89E-03	1.89E-03	2.26E-03	2.26E-03	2.63E-03	2.63E-03	2.63E-03	0.00E+00	1.92E-03	2.90E-04	5.14E-05	0.00E+00
Missouri	Reynolds County	29179	R	7-PAH	2.99E-04	2.99E-04	2.99E-04	3.45E-04	3.45E-04	3.90E-04	3.90E-04	3.90E-04	0.00E+00	3.41E-04	2.14E-06	1.28E-06	0.00E+00
Missouri	Reynolds County	29179	R	Propylene Dichloride	1.21E-07	1.21E-07	1.21E-07	1.52E-07	1.52E-07	1.83E-07	1.83E-07	1.83E-07	0.00E+00	1.52E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	R	Quinoline	1.37E-09	1.37E-09	1.37E-09	1.89E-09	1.89E-09	2.40E-09	2.40E-09	2.40E-09	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	R	1,1,2,2-Tetrachloroethane	4.76E-07	4.76E-07	4.76E-07	6.64E-07	6.64E-07	8.53E-07	8.53E-07	8.53E-07	0.00E+00	6.64E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Reynolds County	29179	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	1.52E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Reynolds County	29179	R	Vinyl Chloride	1.37E-06	1.37E-06	1.37E-06	1.76E-06	1.76E-06	2.16E-06	2.16E-06	2.16E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	Acetaldehyde	2.27E-02	2.27E-02	2.80E-02	3.48E-02	3.46E-02	4.12E-02	4.60E-02	4.60E-02	0.00E+00	1.09E-02	1.84E-02	5.26E-03	0.00E+00
Missouri	Ripley County	29181	R	Acrolein	8.66E-03	8.66E-03	9.29E-03	1.01E-02	1.16E-02	1.39E-02	1.76E-02	1.76E-02	0.00E+00	7.53E-03	3.33E-03	7.44E-04	0.00E+00
Missouri	Ripley County	29181	R	Acrylonitrile	6.94E-06	6.94E-06	1.18E-05	3.27E-05	3.17E-05	5.16E-05	5.44E-05	5.44E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	Arsenic Compounds	2.78E-06	2.78E-06	3.50E-06	5.36E-06	5.95E-06	8.40E-06	1.03E-05	1.03E-05	5.33E-08	5.78E-07	3.89E-06	1.43E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Ripley County	29181	R	Benzene	5.24E-01	5.24E-01	5.33E-01	5.49E-01	5.65E-01	5.96E-01	6.38E-01	6.38E-01	0.00E+00	3.64E-02	3.87E-02	9.88E-03	4.80E-01
Missouri	Ripley County	29181	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
Missouri	Ripley County	29181	R	Beryllium Compounds	1.03E-07	1.03E-07	1.41E-07	2.39E-07	2.55E-07	3.69E-07	4.40E-07	4.40E-07	0.00E+00	1.35E-07	0.00E+00	1.20E-07	0.00E+00
Missouri	Ripley County	29181	R	1,3-Butadiene	2.52E-03	2.52E-03	2.61E-03	2.88E-03	4.43E-03	6.25E-03	9.43E-03	9.43E-03	0.00E+00	1.78E-03	2.12E-03	5.24E-04	0.00E+00
Missouri	Ripley County	29181	R	Cadmium Compounds	1.85E-07	1.85E-07	2.69E-07	4.59E-07	4.76E-07	6.84E-07	8.04E-07	8.04E-07	1.45E-08	3.43E-07	0.00E+00	1.19E-07	0.00E+00
Missouri	Ripley County	29181	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	1.26E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Ripley County	29181	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	3.07E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Ripley County	29181	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	8.37E-02	8.38E-02	8.38E-02	0.00E+00	5.17E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Ripley County	29181	R	Chromium Compounds (includes Hexavalent)	1.41E-06	1.41E-06	2.07E-06	4.26E-06	4.15E-06	6.22E-06	6.64E-06	6.64E-06	1.07E-07	1.51E-06	2.40E-06	1.21E-07	0.00E+00
Missouri	Ripley County	29181	R	Chromium VI	5.46E-07	5.46E-07	7.95E-07	1.64E-06	1.60E-06	2.40E-06	2.57E-06	2.57E-06	6.02E-08	5.68E-07	9.28E-07	4.12E-08	0.00E+00
Missouri	Ripley County	29181	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
Missouri	Ripley County	29181	R	1,4-Dichlorobenzene	8.21E-04	8.21E-04	1.17E-03	1.75E-03	2.19E-03	3.21E-03	4.44E-03	4.44E-03	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	1,3-Dichloropropene	1.58E-03	1.58E-03	2.29E-03	3.42E-03	4.33E-03	6.38E-03	8.90E-03	8.90E-03	0.00E+00	4.33E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	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	1.81E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Ripley County	29181	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	2.68E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Ripley County	29181	R	Ethylene Oxide	6.37E-06	6.37E-06	1.88E-05	4.09E-05	6.75E-05	1.16E-04	1.82E-04	1.82E-04	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	Formaldehyde	2.93E-01	2.93E-01	2.99E-01	3.06E-01	3.12E-01	3.25E-01	3.44E-01	3.44E-01	7.56E-06	3.42E-02	1.87E-02	9.27E-03	2.50E-01
Missouri	Ripley County	29181	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.36E-05	9.36E-05	0.00E+00	2.47E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Ripley County	29181	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.56E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Ripley County	29181	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
Missouri	Ripley County	29181	R	Hydrazine	1.60E-10	1.60E-10	2.27E-10	3.03E-10	2.74E-10	3.21E-10	3.31E-10	3.31E-10	0.00E+00	2.74E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	Lead Compounds	1.70E-05	1.70E-05	1.91E-05	2.17E-05	2.82E-05	3.73E-05	5.23E-05	5.23E-05	3.07E-07	2.01E-06	0.00E+00	2.59E-05	0.00E+00
Missouri	Ripley County	29181	R	Manganese Compounds	1.18E-06	1.18E-06	1.55E-06	3.46E-06	1.12E-05	2.09E-05	3.67E-05	3.67E-05	8.54E-06	1.79E-06	7.40E-07	1.36E-07	0.00E+00
Missouri	Ripley County	29181	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	4.26E-09	6.03E-07	4.47E-06	1.39E-06	1.50E-03
Missouri	Ripley County	29181	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.56E-01	1.59E-01	1.65E-01	1.72E-01	1.72E-01	0.00E+00	9.11E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Ripley County	29181	R	Nickel Compounds	3.73E-06	3.73E-06	5.60E-06	9.87E-06	1.16E-05	1.77E-05	2.30E-05	2.30E-05	1.32E-08	9.62E-06	1.78E-06	2.15E-07	0.00E+00
Missouri	Ripley County	29181	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.45E-01	1.48E-01	1.48E-01	0.00E+00	3.75E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Ripley County	29181	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.87E-04	3.95E-04	4.06E-04	4.26E-04	4.53E-04	4.53E-04	0.00E+00	2.64E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Ripley County	29181	R	Polycyclic Organic Matter	2.94E-03	2.94E-03	3.70E-03	4.93E-03	5.94E-03	8.18E-03	1.10E-02	1.10E-02	7.23E-11	5.01E-03	8.00E-04	1.30E-04	0.00E+00
Missouri	Ripley County	29181	R	7-PAH	3.25E-04	3.25E-04	3.65E-04	4.08E-04	5.37E-04	7.08E-04	1.00E-03	1.00E-03	6.70E-13	5.28E-04	5.92E-06	2.26E-06	0.00E+00
Missouri	Ripley County	29181	R	Propylene Dichloride	3.86E-07	3.86E-07	6.27E-07	1.58E-06	1.67E-06	2.71E-06	3.13E-06	3.13E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	Quinoline	5.39E-09	5.39E-09	7.18E-09	9.01E-09	8.45E-09	9.73E-09	1.04E-08	1.04E-08	0.00E+00	8.45E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	1,1,2,2-Tetrachloroethane	1.97E-06	1.97E-06	3.07E-06	8.11E-06	1.09E-05	1.88E-05	2.55E-05	2.55E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ripley County	29181	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.15E-02	8.16E-02	8.21E-02	8.25E-02	8.25E-02	0.00E+00	6.44E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Ripley County	29181	R	Vinyl Chloride	6.76E-06	6.76E-06	1.11E-05	2.56E-05	3.06E-05	5.01E-05	6.44E-05	6.44E-05	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Acetaldehyde	2.74E-01	4.40E-01	6.20E-01	7.98E-01	8.74E-01	9.74E-01	1.35E+00	2.01E+00	9.85E-04	2.39E-02	7.42E-01	1.07E-01	0.00E+00
Missouri	St. Charles County	29183	U	Acrolein	4.56E-02	6.07E-02	8.17E-02	1.11E-01	1.08E-01	1.29E-01	1.56E-01	1.60E-01	5.30E-03	9.49E-03	6.84E-02	2.53E-02	0.00E+00
Missouri	St. Charles County	29183	U	Acrylonitrile	2.90E-04	3.09E-04	4.78E-04	8.76E-04	1.07E-03	1.41E-03	2.08E-03	3.09E-03	6.29E-04	4.42E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Arsenic Compounds	5.44E-05	9.33E-05	1.19E-04	1.48E-04	1.60E-04	1.89E-04	2.21E-04	2.74E-04	5.13E-05	2.18E-05	7.06E-05	1.58E-05	0.00E+00
Missouri	St. Charles County	29183	U	Benzene	8.67E-01	1.06E+00	1.20E+00	1.44E+00	1.48E+00	1.57E+00	2.01E+00	2.53E+00	1.77E-02	1.26E-01	6.89E-01	1.66E-01	4.80E-01
Missouri	St. Charles County	29183	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	3.28E-08	3.80E-08	5.23E-08	9.17E-08	1.09E-07	0.00E+00	3.80E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Beryllium Compounds	2.50E-06	3.62E-06	4.88E-06	6.82E-06	7.05E-06	8.52E-06	1.11E-05	1.30E-05	1.94E-06	4.24E-06	0.00E+00	8.72E-07	0.00E+00
Missouri	St. Charles County	29183	U	1,3-Butadiene	1.90E-02	2.15E-02	3.21E-02	4.69E-02	6.36E-02	7.15E-02	1.25E-01	2.04E-01	4.63E-04	3.91E-04	5.08E-02	1.19E-02	0.00E+00
Missouri	St. Charles County	29183	U	Cadmium Compounds	6.00E-06	7.61E-06	2.28E-05	1.10E-01	1.18E-01	1.68E-01	2.74E-01	3.25E-01	1.18E-01	1.27E-05	0.00E+00	1.08E-06	0.00E+00
Missouri	St. Charles County	29183	U	Carbon Disulfide	4.74E-02	4.75E-02	4.78E-02	4.83E-02	4.87E-02	4.87E-02	4.93E-02	5.32E-02	2.50E-04	1.46E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	St. Charles County	29183	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	1.15E-06	3.42E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	St. Charles County	29183	U	Chloroform	9.00E-02	9.25E-02	1.09E-01	1.21E-01	1.18E-01	1.28E-01	1.33E-01	1.35E-01	5.09E-03	2.95E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	St. Charles County	29183	U	Chromium Compounds (includes Hexavalent)	1.44E-04	1.79E-04	2.95E-04	4.79E-04	4.25E-04	5.39E-04	6.05E-04	6.36E-04	1.47E-04	2.14E-04	6.12E-05	3.04E-06	0.00E+00
Missouri	St. Charles County	29183	U	Chromium VI	4.69E-05	5.72E-05	9.11E-05	1.32E-04	1.19E-04	1.46E-04	1.64E-04	1.80E-04	1.92E-05	7.46E-05	2.45E-05	1.03E-06	0.00E+00
Missouri	St. Charles County	29183	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	4.35E-02	3.87E-02	5.33E-02	6.23E-02	6.91E-02	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	1,4-Dichlorobenzene	1.03E-02	1.50E-02	3.71E-02	5.48E-02	5.13E-02	6.88E-02	7.46E-02	8.02E-02	9.39E-03	4.19E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	1,3-Dichloropropene	1.91E-02	2.87E-02	6.30E-02	8.66E-02	8.12E-02	1.04E-01	1.20E-01	1.25E-01	0.00E+00	8.12E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.46E-07	2.67E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	St. Charles County	29183	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.13E-02	7.85E-05	5.72E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	St. Charles County	29183	U	Ethylene Oxide	4.71E-04	5.78E-04	7.94E-04	1.02E-03	1.24E-03	1.30E-03	1.89E-03	2.81E-03	3.42E-06	1.23E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Formaldehyde	5.24E-01	6.91E-01	8.22E-01	9.96E-01	1.04E+00	1.14E+00	1.47E+00	1.92E+00	1.71E-02	2.09E-02	5.63E-01	1.93E-01	2.50E-01
Missouri	St. Charles County	29183	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.72E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	St. Charles County	29183	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	1.55E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	St. Charles County	29183	U	Hexamethylene Diisocyanate	1.49E-05	1.97E-05	2.57E-05	3.10E-05	3.21E-05	3.68E-05	4.89E-05	5.19E-05	4.26E-06	2.79E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Hydrazine	5.35E-09	7.11E-09	3.68E-08	5.74E-08	7.00E-08	8.97E-08	1.51E-07	1.74E-07	0.00E+00	7.00E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Lead Compounds	1.86E-03	2.19E-03	4.38E-03	2.21E-02	1.76E-02	2.46E-02	2.93E-02	3.20E-02	1.50E-02	9.23E-04	0.00E+00	1.63E-03	0.00E+00
Missouri	St. Charles County	29183	U	Manganese Compounds	3.78E-04	7.51E-04	1.30E-03	1.58E-03	1.71E-03	1.87E-03	2.33E-03	2.63E-03	1.35E-03	3.36E-04	1.94E-05	3.85E-06	0.00E+00
Missouri	St. Charles County	29183	U	Mercury Compounds	1.54E-03	1.56E-03	1.58E-03	1.61E-03	1.62E-03	1.64E-03	1.68E-03	1.72E-03	9.60E-06	2.89E-05	6.84E-05	1.42E-05	1.50E-03
Missouri	St. Charles County	29183	U	Methylene Chloride	2.20E-01	2.62E-01	3.32E-01	4.04E-01	4.01E-01	4.65E-01	5.00E-01	5.68E-01	8.79E-02	1.64E-01	0.00E+00	0.00E+00	1.50E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	St. Charles County	29183	U	Nickel Compounds	1.64E-04	2.00E-04	3.32E-04	5.32E-04	5.11E-04	6.56E-04	8.06E-04	8.39E-04	1.00E-04	3.19E-04	4.53E-05	4.58E-05	0.00E+00
Missouri	St. Charles County	29183	U	Perchloroethylene	1.56E-01	1.57E-01	1.80E-01	1.99E-01	2.05E-01	2.23E-01	2.59E-01	2.76E-01	1.16E-03	6.38E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	St. Charles County	29183	U	Polychlorinated Biphenyls	3.91E-04	3.93E-04	3.95E-04	3.96E-04	3.96E-04	3.97E-04	3.99E-04	4.00E-04	5.58E-09	1.60E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	St. Charles County	29183	U	Polycyclic Organic Matter	3.52E-02	4.94E-02	6.82E-02	9.46E-02	9.19E-02	1.14E-01	1.27E-01	1.32E-01	2.07E-02	4.64E-02	1.96E-02	5.22E-03	0.00E+00
Missouri	St. Charles County	29183	U	7-PAH	1.24E-03	1.28E-03	1.47E-03	1.67E-03	1.71E-03	1.84E-03	2.16E-03	2.34E-03	1.17E-04	1.42E-03	1.27E-04	4.38E-05	0.00E+00
Missouri	St. Charles County	29183	U	Propylene Dichloride	1.75E-05	1.83E-05	2.78E-05	5.09E-05	6.17E-05	7.74E-05	1.20E-04	1.47E-04	3.81E-05	2.37E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Quinoline	4.53E-08	5.29E-08	7.12E-08	8.67E-08	1.22E-07	1.28E-07	2.57E-07	3.23E-07	0.00E+00	1.22E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	1,1,2,2-Tetrachloroethane	1.33E-04	1.43E-04	2.16E-04	4.17E-04	5.01E-04	6.41E-04	9.60E-04	1.18E-03	3.49E-04	1.52E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Charles County	29183	U	Trichloroethylene	1.27E-01	1.30E-01	1.51E-01	1.82E-01	1.99E-01	2.30E-01	3.02E-01	3.26E-01	8.65E-02	3.14E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	St. Charles County	29183	U	Vinyl Chloride	3.76E-04	4.04E-04	6.17E-04	1.15E-03	1.34E-03	1.70E-03	2.55E-03	3.08E-03	8.59E-04	4.81E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	Acetaldehyde	2.22E-02	2.22E-02	2.22E-02	2.27E-02	2.78E-02	3.84E-02	3.84E-02	3.84E-02	1.26E-05	2.95E-03	1.09E-02	1.39E-02	0.00E+00
Missouri	St. Clair County	29185	R	Acrolein	6.15E-03	6.15E-03	6.15E-03	6.57E-03	7.07E-03	8.49E-03	8.49E-03	8.49E-03	3.11E-06	2.61E-03	2.05E-03	2.40E-03	0.00E+00
Missouri	St. Clair County	29185	R	Acrylonitrile	1.04E-05	1.04E-05	1.04E-05	1.75E-05	2.38E-05	4.37E-05	4.37E-05	4.37E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	Arsenic Compounds	6.54E-06	6.54E-06	6.54E-06	7.78E-06	9.42E-06	1.39E-05	1.39E-05	1.39E-05	4.84E-06	1.95E-07	2.49E-06	1.90E-06	0.00E+00
Missouri	St. Clair County	29185	R	Benzene	5.36E-01	5.36E-01	5.36E-01	5.54E-01	5.61E-01	5.95E-01	5.95E-01	5.95E-01	1.81E-05	1.35E-02	2.47E-02	4.31E-02	4.80E-01
Missouri	St. Clair County	29185	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
Missouri	St. Clair County	29185	R	Beryllium Compounds	2.22E-07	2.22E-07	2.22E-07	2.65E-07	3.00E-07	4.13E-07	4.13E-07	4.13E-07	2.52E-07	4.77E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	1,3-Butadiene	2.25E-03	2.25E-03	2.25E-03	3.44E-03	3.95E-03	6.16E-03	6.16E-03	6.16E-03	0.00E+00	6.58E-04	1.38E-03	1.91E-03	0.00E+00
Missouri	St. Clair County	29185	R	Cadmium Compounds	5.32E-07	5.32E-07	5.32E-07	7.01E-07	7.60E-07	1.05E-06	1.05E-06	1.05E-06	6.21E-07	1.39E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	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	1.81E-06	4.12E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	St. Clair County	29185	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	1.09E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	St. Clair County	29185	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	2.36E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	St. Clair County	29185	R	Chromium Compounds (includes Hexavalent)	3.75E-06	3.75E-06	3.75E-06	4.31E-06	5.12E-06	7.30E-06	7.30E-06	7.30E-06	3.14E-06	1.39E-07	1.51E-06	3.31E-07	0.00E+00
Missouri	St. Clair County	29185	R	Chromium VI	8.78E-07	8.78E-07	8.78E-07	9.00E-07	1.13E-06	1.61E-06	1.61E-06	1.61E-06	3.45E-07	6.27E-08	6.10E-07	1.13E-07	0.00E+00
Missouri	St. Clair County	29185	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
Missouri	St. Clair County	29185	R	1,4-Dichlorobenzene	6.58E-04	6.58E-04	6.58E-04	7.84E-04	8.32E-04	1.05E-03	1.05E-03	1.05E-03	0.00E+00	8.32E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	1,3-Dichloropropene	1.26E-03	1.26E-03	1.26E-03	1.51E-03	1.62E-03	2.09E-03	2.09E-03	2.09E-03	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	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	1.37E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	St. Clair County	29185	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	5.58E-07	2.65E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	St. Clair County	29185	R	Ethylene Oxide	7.98E-06	7.98E-06	7.98E-06	1.79E-05	2.16E-05	3.89E-05	3.89E-05	3.89E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	Formaldehyde	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.88E-01	3.02E-01	3.02E-01	3.02E-01	2.93E-06	1.06E-02	1.16E-02	1.59E-02	2.50E-01
Missouri	St. Clair County	29185	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	1.02E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	St. Clair County	29185	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	4.97E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	St. Clair County	29185	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
Missouri	St. Clair County	29185	R	Hydrazine	4.40E-11	4.40E-11	4.40E-11	8.61E-11	2.46E-10	6.09E-10	6.09E-10	6.09E-10	0.00E+00	2.46E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	Lead Compounds	1.38E-05	1.38E-05	1.38E-05	1.72E-05	1.88E-05	2.54E-05	2.54E-05	2.54E-05	6.89E-06	3.41E-06	0.00E+00	8.51E-06	0.00E+00
Missouri	St. Clair County	29185	R	Manganese Compounds	4.99E-06	4.99E-06	4.99E-06	6.51E-06	7.29E-06	1.04E-05	1.04E-05	1.04E-05	5.87E-06	7.11E-07	4.89E-07	2.20E-07	0.00E+00
Missouri	St. Clair County	29185	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	6.50E-10	2.39E-07	2.90E-06	1.43E-06	1.50E-03
Missouri	St. Clair County	29185	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.54E-01	3.75E-06	3.16E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	St. Clair County	29185	R	Nickel Compounds	5.54E-06	5.54E-06	5.54E-06	5.79E-06	6.91E-06	9.41E-06	9.41E-06	9.41E-06	3.30E-06	2.08E-06	1.15E-06	3.71E-07	0.00E+00
Missouri	St. Clair County	29185	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	5.56E-07	8.50E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	St. Clair County	29185	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.88E-04	3.87E-04	3.90E-04	3.90E-04	3.90E-04	0.00E+00	7.48E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	St. Clair County	29185	R	Polycyclic Organic Matter	2.37E-03	2.37E-03	2.37E-03	2.37E-03	2.80E-03	3.66E-03	3.66E-03	3.66E-03	2.43E-07	2.09E-03	5.05E-04	2.06E-04	0.00E+00
Missouri	St. Clair County	29185	R	7-PAH	1.90E-04	1.90E-04	1.90E-04	1.94E-04	2.14E-04	2.58E-04	2.58E-04	2.58E-04	4.95E-09	1.99E-04	3.69E-06	1.10E-05	0.00E+00
Missouri	St. Clair County	29185	R	Propylene Dichloride	5.38E-07	5.38E-07	5.38E-07	9.81E-07	1.37E-06	2.60E-06	2.60E-06	2.60E-06	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	Quinoline	1.31E-09	1.31E-09	1.31E-09	2.31E-09	2.30E-09	3.26E-09	3.26E-09	3.26E-09	0.00E+00	2.30E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	R	1,1,2,2-Tetrachloroethane	3.82E-06	3.82E-06	3.82E-06	7.86E-06	1.17E-05	2.33E-05	2.33E-05	2.33E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Clair County	29185	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	2.18E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	St. Clair County	29185	R	Vinyl Chloride	1.13E-05	1.13E-05	1.13E-05	2.18E-05	3.07E-05	5.90E-05	5.90E-05	5.90E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Acetaldehyde	4.79E-02	4.79E-02	7.18E-02	9.97E-02	9.25E-02	1.13E-01	1.23E-01	1.23E-01	1.54E-05	4.32E-03	6.71E-02	2.10E-02	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Acrolein	1.08E-02	1.08E-02	1.33E-02	1.62E-02	1.54E-02	1.75E-02	1.84E-02	1.84E-02	4.68E-06	4.81E-03	8.92E-03	1.66E-03	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Acrylonitrile	1.79E-05	1.79E-05	1.83E-05	1.90E-05	2.69E-05	3.55E-05	5.17E-05	5.17E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Arsenic Compounds	2.91E-05	2.91E-05	3.16E-05	3.52E-05	3.70E-05	4.24E-05	4.87E-05	4.87E-05	2.05E-05	1.40E-06	1.16E-05	3.49E-06	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Benzene	5.68E-01	5.68E-01	5.99E-01	6.40E-01	6.46E-01	6.93E-01	7.36E-01	7.36E-01	3.90E-05	3.30E-02	1.10E-01	2.35E-02	4.80E-01
Missouri	Ste. Genevieve County	29186	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
Missouri	Ste. Genevieve County	29186	R	Beryllium Compounds	1.43E-06	1.43E-06	1.43E-06	1.45E-06	1.87E-06	2.30E-06	3.14E-06	3.14E-06	1.05E-06	3.28E-07	0.00E+00	4.92E-07	0.00E+00
Missouri	Ste. Genevieve County	29186	R	1,3-Butadiene	4.09E-03	4.09E-03	5.25E-03	8.00E-03	8.90E-03	1.26E-02	1.55E-02	1.55E-02	0.00E+00	1.06E-03	6.63E-03	1.21E-03	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Cadmium Compounds	1.71E-06	1.71E-06	1.76E-05	4.05E-05	3.95E-05	6.15E-05	7.54E-05	7.54E-05	3.78E-05	9.78E-07	0.00E+00	8.10E-07	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.73E-02	4.74E-02	4.74E-02	4.74E-02	2.91E-06	2.49E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Ste. Genevieve County	29186	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	5.35E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Ste. Genevieve County	29186	R	Chloroform	8.40E-02	8.40E-02	8.43E-02	8.47E-02	8.51E-02	8.59E-02	8.70E-02	8.70E-02	5.83E-07	2.10E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Ste. Genevieve County	29186	R	Chromium Compounds (includes Hexavalent)	1.55E-05	1.55E-05	2.56E-05	3.68E-05	3.87E-05	5.19E-05	6.58E-05	6.58E-05	1.51E-05	1.49E-05	7.33E-06	1.39E-06	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Chromium VI	3.79E-06	3.79E-06	5.11E-06	7.20E-06	6.69E-06	8.27E-06	8.57E-06	8.57E-06	2.16E-06	1.15E-06	2.91E-06	4.73E-07	0.00E+00
Missouri	Ste. Genevieve County	29186	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

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Ste. Genevieve County	29186	R	1,4-Dichlorobenzene	1.49E-03	1.49E-03	2.05E-03	2.80E-03	3.32E-03	4.59E-03	6.18E-03	6.18E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	1,3-Dichloropropene	2.85E-03	2.85E-03	3.95E-03	5.40E-03	6.50E-03	9.05E-03	1.24E-02	1.24E-02	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	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	1.18E-08	6.57E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Ste. Genevieve County	29186	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.12E-02	6.15E-02	6.16E-02	6.16E-02	5.77E-07	2.42E-04	0.00E+00	0.00E+00	6.10E-02
Missouri	Ste. Genevieve County	29186	R	Ethylene Oxide	4.48E-05	4.48E-05	5.23E-05	6.11E-05	1.29E-04	2.05E-04	3.47E-04	3.47E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Formaldehyde	3.14E-01	3.14E-01	3.39E-01	3.66E-01	3.65E-01	3.91E-01	4.12E-01	4.12E-01	5.58E-06	1.85E-02	6.30E-02	3.32E-02	2.50E-01
Missouri	Ste. Genevieve County	29186	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	2.57E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Ste. Genevieve County	29186	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	2.74E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Ste. Genevieve County	29186	R	Hexamethylene Diisocyanate	2.55E-05	2.55E-05	3.26E-05	4.08E-05	3.79E-05	4.33E-05	4.46E-05	4.46E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Hydrazine	3.25E-11	3.25E-11	4.81E-11	7.10E-11	1.04E-10	1.61E-10	2.43E-10	2.43E-10	0.00E+00	1.04E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Lead Compounds	5.19E-05	5.19E-05	4.22E-03	1.06E-02	1.12E-02	1.82E-02	2.36E-02	2.36E-02	1.12E-02	2.85E-05	0.00E+00	3.70E-05	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Manganese Compounds	3.20E-05	3.20E-05	3.40E-05	4.18E-05	4.12E-05	4.85E-05	4.94E-05	4.94E-05	2.93E-05	6.41E-06	2.31E-06	3.22E-06	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	5.85E-06	1.59E-06	1.34E-05	4.02E-06	1.50E-03
Missouri	Ste. Genevieve County	29186	R	Methylene Chloride	1.56E-01	1.56E-01	1.57E-01	1.61E-01	1.66E-01	1.75E-01	1.87E-01	1.87E-01	5.96E-06	1.60E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Ste. Genevieve County	29186	R	Nickel Compounds	4.72E-05	4.72E-05	6.51E-05	1.07E-04	1.44E-04	2.23E-04	3.14E-04	3.14E-04	2.26E-05	4.26E-05	5.53E-06	7.31E-05	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.45E-01	1.46E-01	1.47E-01	1.49E-01	1.49E-01	8.84E-07	5.57E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Ste. Genevieve County	29186	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.92E-04	3.97E-04	4.06E-04	4.20E-04	4.40E-04	4.40E-04	0.00E+00	2.59E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Ste. Genevieve County	29186	R	Polycyclic Organic Matter	5.06E-03	5.06E-03	7.00E-03	9.12E-03	9.24E-03	1.15E-02	1.37E-02	1.37E-02	2.49E-07	6.38E-03	2.38E-03	4.74E-04	0.00E+00
Missouri	Ste. Genevieve County	29186	R	7-PAH	3.50E-04	3.50E-04	3.91E-04	4.44E-04	4.76E-04	5.61E-04	6.64E-04	6.64E-04	4.79E-09	4.44E-04	1.80E-05	1.37E-05	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Propylene Dichloride	7.12E-07	7.12E-07	8.09E-07	9.34E-07	1.13E-06	1.45E-06	1.94E-06	1.94E-06	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Quinoline	9.16E-10	9.16E-10	1.48E-09	2.23E-09	2.88E-09	4.28E-09	6.15E-09	6.15E-09	0.00E+00	2.88E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	1,1,2,2-Tetrachloroethane	6.40E-07	6.40E-07	2.57E-06	5.34E-06	4.38E-06	6.19E-06	6.20E-06	6.20E-06	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Ste. Genevieve County	29186	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.17E-02	8.25E-02	8.33E-02	8.49E-02	8.49E-02	0.00E+00	1.46E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Ste. Genevieve County	29186	R	Vinyl Chloride	8.48E-06	8.48E-06	1.17E-05	1.66E-05	1.50E-05	1.84E-05	1.85E-05	1.85E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	Acetaldehyde	3.67E-02	3.67E-02	1.22E-01	1.23E-01	1.15E-01	1.30E-01	1.96E-01	1.96E-01	5.85E-05	5.82E-03	1.01E-01	8.35E-03	0.00E+00
Missouri	St. Francois County	29187	U	Acrolein	1.34E-02	1.34E-02	2.83E-02	2.88E-02	2.88E-02	3.41E-02	4.56E-02	4.56E-02	6.71E-04	8.34E-03	1.82E-02	1.56E-03	0.00E+00
Missouri	St. Francois County	29187	U	Acrylonitrile	2.36E-05	2.36E-05	9.75E-05	1.34E-04	1.36E-04	1.79E-04	3.11E-04	3.11E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	Arsenic Compounds	3.89E-05	3.89E-05	7.99E-04	1.12E-03	1.07E-03	1.28E-03	2.21E-03	2.21E-03	1.03E-03	6.28E-06	2.92E-05	2.85E-06	0.00E+00
Missouri	St. Francois County	29187	U	Benzene	6.00E-01	6.00E-01	8.99E-01	9.33E-01	9.25E-01	1.02E+00	1.34E+00	1.34E+00	2.11E-04	8.68E-02	3.29E-01	2.84E-02	4.80E-01
Missouri	St. Francois County	29187	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
Missouri	St. Francois County	29187	U	Beryllium Compounds	3.33E-07	3.33E-07	1.21E-06	2.15E-06	1.84E-06	2.43E-06	3.62E-06	3.62E-06	1.09E-07	1.56E-06	0.00E+00	1.71E-07	0.00E+00
Missouri	St. Francois County	29187	U	1,3-Butadiene	5.83E-03	5.83E-03	2.60E-02	3.29E-02	3.16E-02	3.98E-02	6.62E-02	6.62E-02	9.90E-05	1.61E-03	2.74E-02	2.50E-03	0.00E+00
Missouri	St. Francois County	29187	U	Cadmium Compounds	2.67E-05	2.67E-05	3.77E-05	5.72E-05	6.52E-05	9.53E-05	9.85E-05	9.85E-05	6.23E-05	2.73E-06	0.00E+00	1.88E-07	0.00E+00
Missouri	St. Francois County	29187	U	Carbon Disulfide	4.73E-02	4.73E-02	4.80E-02	4.83E-02	4.82E-02	4.84E-02	4.91E-02	4.91E-02	2.50E-04	9.26E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	St. Francois County	29187	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	2.17E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	St. Francois County	29187	U	Chloroform	8.53E-02	8.53E-02	9.23E-02	9.36E-02	9.37E-02	9.63E-02	1.04E-01	1.04E-01	0.00E+00	1.07E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	St. Francois County	29187	U	Chromium Compounds (includes Hexavalent)	5.59E-06	5.59E-06	2.86E-05	3.53E-05	3.62E-05	5.02E-05	7.23E-05	7.23E-05	4.15E-06	1.18E-05	1.98E-05	4.50E-07	0.00E+00
Missouri	St. Francois County	29187	U	Chromium VI	2.17E-06	2.17E-06	1.02E-05	1.09E-05	1.08E-05	1.29E-05	2.08E-05	2.08E-05	4.31E-07	2.37E-06	7.86E-06	1.53E-07	0.00E+00
Missouri	St. Francois County	29187	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
Missouri	St. Francois County	29187	U	1,4-Dichlorobenzene	3.16E-03	3.16E-03	1.34E-02	1.50E-02	1.52E-02	1.84E-02	3.03E-02	3.03E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	1,3-Dichloropropene	6.24E-03	6.24E-03	2.69E-02	3.04E-02	3.08E-02	3.74E-02	6.14E-02	6.14E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	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	3.90E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	St. Francois County	29187	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.13E-02	6.14E-02	6.14E-02	6.15E-02	6.16E-02	6.16E-02	2.30E-07	3.69E-04	0.00E+00	0.00E+00	6.10E-02
Missouri	St. Francois County	29187	U	Ethylene Oxide	4.95E-05	4.95E-05	1.68E-04	2.70E-04	3.49E-04	2.97E-04	1.37E-03	1.37E-03	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	Formaldehyde	3.10E-01	3.10E-01	4.29E-01	4.40E-01	4.34E-01	4.63E-01	5.80E-01	5.80E-01	9.86E-06	2.58E-02	1.41E-01	1.66E-02	2.50E-01
Missouri	St. Francois County	29187	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.37E-05	9.38E-05	9.38E-05	9.39E-05	9.49E-05	9.49E-05	0.00E+00	8.03E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	St. Francois County	29187	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-07	0.00E+00	0.00E+00	1.80E-03
Missouri	St. Francois County	29187	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	1.70E-05	1.70E-05	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	Hydrazine	8.62E-11	8.62E-11	1.31E-09	4.15E-09	1.14E-08	1.99E-08	2.87E-08	2.87E-08	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	Lead Compounds	9.98E-03	9.98E-03	1.50E-02	1.99E-02	2.36E-02	3.30E-02	3.64E-02	3.64E-02	2.31E-02	1.29E-04	0.00E+00	3.51E-04	0.00E+00
Missouri	St. Francois County	29187	U	Manganese Compounds	2.20E-05	2.20E-05	3.11E-05	4.01E-05	3.81E-05	4.47E-05	5.82E-05	5.82E-05	1.83E-05	1.29E-05	6.47E-06	4.86E-07	0.00E+00
Missouri	St. Francois County	29187	U	Mercury Compounds	1.51E-03	1.51E-03	1.54E-03	1.54E-03	1.54E-03	1.55E-03	1.57E-03	1.57E-03	6.39E-10	3.63E-06	3.20E-05	2.46E-06	1.50E-03
Missouri	St. Francois County	29187	U	Methylene Chloride	1.60E-01	1.60E-01	2.03E-01	2.09E-01	2.16E-01	2.41E-01	2.74E-01	2.74E-01	1.07E-05	6.64E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	St. Francois County	29187	U	Nickel Compounds	1.05E-04	1.05E-04	4.25E-03	5.99E-03	5.71E-03	6.83E-03	1.20E-02	1.20E-02	5.61E-03	7.53E-05	1.51E-05	4.80E-06	0.00E+00
Missouri	St. Francois County	29187	U	Perchloroethylene	1.46E-01	1.46E-01	1.59E-01	1.71E-01	1.79E-01	1.80E-01	2.52E-01	2.52E-01	2.24E-07	3.86E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	St. Francois County	29187	U	Polychlorinated Biphenyls	3.95E-04	3.95E-04	4.66E-04	4.77E-04	4.76E-04	4.83E-04	6.13E-04	6.13E-04	0.00E+00	9.63E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	St. Francois County	29187	U	Polycyclic Organic Matter	7.71E-03	7.71E-03	2.39E-02	2.68E-02	2.53E-02	2.84E-02	4.82E-02	4.82E-02	1.05E-07	1.82E-02	6.67E-03	4.57E-04	0.00E+00
Missouri	St. Francois County	29187	U	7-PAH	4.49E-04	4.49E-04	8.69E-04	1.02E-03	1.05E-03	1.20E-03	1.96E-03	1.96E-03	2.15E-09	9.98E-04	4.69E-05	5.72E-06	0.00E+00
Missouri	St. Francois County	29187	U	Propylene Dichloride	1.07E-06	1.07E-06	3.72E-06	5.53E-06	5.79E-06	7.94E-06	1.32E-05	1.32E-05	0.00E+00	5.79E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	Quinoline	1.85E-09	1.85E-09	1.09E-08	2.04E-08	3.93E-08	7.11E-08	8.30E-08	8.30E-08	0.00E+00	3.93E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	1,1,2,2-Tetrachloroethane	3.46E-06	3.46E-06	4.34E-06	1.02E-05	1.24E-05	1.95E-05	2.45E-05	2.45E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Francois County	29187	U	Trichloroethylene	8.19E-02	8.19E-02	8.67E-02	8.76E-02	8.81E-02	9.06E-02	9.59E-02	9.59E-02	0.00E+00	7.10E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	St. Francois County	29187	U	Vinyl Chloride	1.70E-05	1.70E-05	2.07E-05	8.94E-05	8.67E-05	1.38E-04	2.14E-04	2.14E-04	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Acetaldehyde	5.59E-01	7.01E-01	9.02E-01	1.14E+00	1.18E+00	1.40E+00	1.63E+00	1.88E+00	1.99E-03	5.79E-02	9.57E-01	1.61E-01	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	St. Louis County	29189	U	Acrolein	9.18E-02	1.06E-01	1.35E-01	1.66E-01	1.69E-01	1.98E-01	2.29E-01	2.48E-01	1.87E-02	1.17E-02	9.88E-02	4.00E-02	0.00E+00
Missouri	St. Louis County	29189	U	Acrylonitrile	4.99E-04	6.29E-04	1.12E-03	1.35E-03	2.17E-03	1.73E-03	2.62E-03	3.35E-03	1.37E-03	7.97E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Arsenic Compounds	1.47E-04	1.57E-04	2.03E-04	2.47E-04	2.58E-04	3.04E-04	3.69E-04	4.37E-04	8.95E-05	4.75E-05	9.76E-05	2.36E-05	0.00E+00
Missouri	St. Louis County	29189	U	Benzene	1.40E+00	1.51E+00	1.68E+00	1.95E+00	1.99E+00	2.27E+00	2.48E+00	2.68E+00	4.54E-02	2.20E-01	9.82E-01	2.64E-01	4.80E-01
Missouri	St. Louis County	29189	U	Benzidine	3.48E-08	4.38E-08	7.05E-08	1.74E-07	2.22E-07	3.00E-07	4.80E-07	6.67E-07	0.00E+00	2.22E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Beryllium Compounds	6.79E-06	7.57E-06	1.01E-05	1.23E-05	1.28E-05	1.47E-05	1.87E-05	2.11E-05	2.56E-06	8.61E-06	0.00E+00	1.58E-06	0.00E+00
Missouri	St. Louis County	29189	U	1,3-Butadiene	3.98E-02	4.82E-02	6.52E-02	9.02E-02	1.02E-01	1.29E-01	1.64E-01	2.03E-01	2.55E-03	3.51E-04	7.20E-02	2.73E-02	0.00E+00
Missouri	St. Louis County	29189	U	Cadmium Compounds	1.06E-01	1.25E-01	1.64E-01	3.25E-01	4.41E-01	6.42E-01	9.66E-01	1.16E+00	4.41E-01	3.40E-05	0.00E+00	2.03E-06	0.00E+00
Missouri	St. Louis County	29189	U	Carbon Disulfide	4.79E-02	4.82E-02	4.84E-02	4.91E-02	5.00E-02	4.95E-02	5.01E-02	5.07E-02	4.63E-04	2.59E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	St. Louis County	29189	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	2.52E-06	7.14E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	St. Louis County	29189	U	Chloroform	1.21E-01	1.27E-01	1.37E-01	1.49E-01	1.58E-01	1.75E-01	1.97E-01	2.21E-01	2.08E-02	5.47E-02	0.00E+00	0.00E+00	8.30E-02
Missouri	St. Louis County	29189	U	Chromium Compounds (includes Hexavalent)	4.90E-04	5.34E-04	6.45E-04	1.06E-03	1.32E-03	1.54E-03	2.14E-03	2.90E-03	2.92E-04	9.36E-04	8.79E-05	5.50E-06	0.00E+00
Missouri	St. Louis County	29189	U	Chromium VI	1.04E-04	1.25E-04	1.74E-04	2.89E-04	3.94E-04	4.26E-04	6.43E-04	9.03E-04	3.78E-05	3.19E-04	3.52E-05	1.87E-06	0.00E+00
Missouri	St. Louis County	29189	U	Coke Oven Emissions	2.47E-02	2.93E-02	3.90E-02	6.91E-02	1.37E-01	1.42E-01	3.00E-01	5.40E-01	1.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	1,4-Dichlorobenzene	4.13E-02	5.10E-02	6.19E-02	7.72E-02	8.47E-02	1.08E-01	1.27E-01	1.44E-01	3.30E-02	5.17E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	1,3-Dichloropropene	6.17E-02	7.41E-02	8.77E-02	1.01E-01	1.01E-01	1.12E-01	1.29E-01	1.37E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	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	9.05E-07	3.27E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	St. Louis County	29189	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.12E-02	6.13E-02	6.14E-02	1.69E-04	9.01E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	St. Louis County	29189	U	Ethylene Oxide	1.06E-03	1.39E-03	2.00E-03	2.73E-03	3.26E-03	3.76E-03	5.12E-03	7.16E-03	5.35E-05	3.20E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Formaldehyde	7.88E-01	9.09E-01	1.10E+00	1.31E+00	1.33E+00	1.49E+00	1.72E+00	2.04E+00	2.74E-02	2.88E-02	7.22E-01	3.04E-01	2.50E-01
Missouri	St. Louis County	29189	U	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	2.31E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	St. Louis County	29189	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	3.44E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	St. Louis County	29189	U	Hexamethylene Diisocyanate	4.14E-05	4.67E-05	6.03E-05	9.82E-05	1.40E-04	1.63E-04	2.41E-04	3.40E-04	8.47E-06	1.31E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Hydrazine	4.75E-08	5.57E-08	8.67E-08	2.10E-07	2.68E-07	3.61E-07	5.77E-07	8.02E-07	0.00E+00	2.68E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Lead Compounds	3.81E-02	4.73E-02	5.94E-02	6.81E-02	7.28E-02	8.48E-02	1.02E-01	1.14E-01	6.80E-02	3.09E-03	0.00E+00	1.67E-03	0.00E+00
Missouri	St. Louis County	29189	U	Manganese Compounds	1.04E-03	1.15E-03	1.44E-03	2.25E-03	4.27E-03	4.98E-03	9.57E-03	1.53E-02	3.13E-03	1.11E-03	2.80E-05	6.98E-06	0.00E+00
Missouri	St. Louis County	29189	U	Mercury Compounds	1.61E-03	1.62E-03	1.66E-03	1.71E-03	1.71E-03	1.75E-03	1.79E-03	1.84E-03	1.93E-05	7.88E-05	9.20E-05	2.15E-05	1.50E-03
Missouri	St. Louis County	29189	U	Methylene Chloride	3.00E-01	3.30E-01	3.84E-01	4.73E-01	5.29E-01	5.77E-01	7.02E-01	8.66E-01	2.20E-01	1.58E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	St. Louis County	29189	U	Nickel Compounds	5.53E-04	5.95E-04	8.05E-04	1.12E-03	1.21E-03	1.47E-03	1.86E-03	2.67E-03	1.81E-04	8.58E-04	6.50E-05	1.06E-04	0.00E+00
Missouri	St. Louis County	29189	U	Perchloroethylene	1.93E-01	2.15E-01	2.32E-01	2.56E-01	2.63E-01	2.89E-01	3.32E-01	3.73E-01	2.58E-03	1.21E-01	0.00E+00	0.00E+00	1.40E-01
Missouri	St. Louis County	29189	U	Polychlorinated Biphenyls	3.88E-04	3.89E-04	3.93E-04	4.02E-04	4.04E-04	4.14E-04	4.22E-04	4.27E-04	9.01E-09	2.44E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	St. Louis County	29189	U	Polycyclic Organic Matter	9.64E-02	1.09E-01	1.30E-01	1.68E-01	1.80E-01	2.20E-01	2.70E-01	2.95E-01	6.78E-02	7.45E-02	2.80E-02	9.31E-03	0.00E+00
Missouri	St. Louis County	29189	U	7-PAH	1.81E-03	1.94E-03	2.18E-03	2.52E-03	3.00E-03	3.16E-03	4.72E-03	5.80E-03	1.84E-04	2.56E-03	1.78E-04	6.96E-05	0.00E+00
Missouri	St. Louis County	29189	U	Propylene Dichloride	2.78E-05	3.62E-05	6.20E-05	7.58E-05	1.24E-04	9.93E-05	1.46E-04	1.97E-04	8.33E-05	4.05E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Quinoline	2.84E-08	3.03E-08	3.35E-08	4.13E-08	4.46E-08	4.99E-08	6.09E-08	7.83E-08	0.00E+00	4.46E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	1,1,2,2-Tetrachloroethane	2.14E-04	2.69E-04	4.61E-04	6.22E-04	1.03E-03	8.47E-04	1.25E-03	1.66E-03	7.62E-04	2.71E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis County	29189	U	Trichloroethylene	1.56E-01	1.80E-01	2.24E-01	2.93E-01	3.22E-01	3.61E-01	4.51E-01	5.68E-01	1.79E-01	6.23E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	St. Louis County	29189	U	Vinyl Chloride	5.51E-04	7.12E-04	1.28E-03	1.61E-03	2.67E-03	2.17E-03	3.22E-03	4.36E-03	1.88E-03	7.89E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	Acetaldehyde	3.55E-02	3.55E-02	4.98E-02	7.08E-02	7.65E-02	9.33E-02	1.49E-01	1.49E-01	4.73E-03	2.52E-03	4.24E-02	2.69E-02	0.00E+00
Missouri	Saline County	29195	U	Acrolein	5.12E-03	5.12E-03	6.48E-03	9.84E-03	1.16E-02	1.55E-02	2.44E-02	2.44E-02	1.47E-07	2.34E-03	7.20E-03	2.10E-03	0.00E+00
Missouri	Saline County	29195	U	Acrylonitrile	3.48E-05	3.48E-05	5.31E-05	7.86E-05	9.78E-05	1.38E-04	2.08E-04	2.08E-04	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	Arsenic Compounds	6.41E-06	6.41E-06	8.60E-06	1.66E-05	2.13E-05	2.97E-05	5.44E-05	5.44E-05	2.31E-07	3.93E-06	1.14E-05	5.74E-06	0.00E+00
Missouri	Saline County	29195	U	Benzene	5.37E-01	5.37E-01	5.54E-01	6.30E-01	7.09E-01	8.23E-01	1.12E+00	1.12E+00	5.32E-04	3.98E-02	1.56E-01	3.30E-02	4.80E-01
Missouri	Saline County	29195	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
Missouri	Saline County	29195	U	Beryllium Compounds	6.57E-07	6.57E-07	9.39E-07	1.87E-06	2.36E-06	3.76E-06	5.09E-06	5.09E-06	1.19E-08	1.03E-06	0.00E+00	1.32E-06	0.00E+00
Missouri	Saline County	29195	U	1,3-Butadiene	2.25E-03	2.25E-03	3.27E-03	9.95E-03	1.73E-02	2.61E-02	5.75E-02	5.75E-02	0.00E+00	2.91E-04	1.39E-02	3.16E-03	0.00E+00
Missouri	Saline County	29195	U	Cadmium Compounds	1.05E-06	1.05E-06	1.24E-06	2.81E-06	3.54E-06	5.66E-06	7.83E-06	7.83E-06	2.90E-08	2.16E-06	0.00E+00	1.35E-06	0.00E+00
Missouri	Saline County	29195	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.75E-02	4.82E-02	4.82E-02	7.85E-08	3.52E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Saline County	29195	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	9.13E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Saline County	29195	U	Chloroform	8.43E-02	8.43E-02	8.44E-02	8.78E-02	9.30E-02	9.79E-02	1.19E-01	1.19E-01	0.00E+00	9.96E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Saline County	29195	U	Chromium Compounds (includes Hexavalent)	6.25E-06	6.25E-06	1.20E-05	1.89E-05	1.97E-05	2.49E-05	4.01E-05	4.01E-05	1.26E-06	9.01E-06	8.65E-06	8.11E-07	0.00E+00
Missouri	Saline County	29195	U	Chromium VI	2.37E-06	2.37E-06	5.16E-06	9.23E-06	9.20E-06	1.25E-05	1.74E-05	1.74E-05	1.49E-07	5.44E-06	3.33E-06	2.76E-07	0.00E+00
Missouri	Saline County	29195	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
Missouri	Saline County	29195	U	1,4-Dichlorobenzene	1.12E-03	1.12E-03	1.27E-03	3.81E-03	8.56E-03	1.33E-02	3.07E-02	3.07E-02	0.00E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	1,3-Dichloropropene	2.16E-03	2.16E-03	2.47E-03	7.65E-03	1.74E-02	2.71E-02	6.26E-02	6.26E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	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	2.12E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Saline County	29195	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	2.42E-08	1.32E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Saline County	29195	U	Ethylene Oxide	1.61E-05	1.61E-05	6.84E-05	1.71E-04	4.14E-04	2.56E-04	2.30E-03	2.30E-03	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	Formaldehyde	2.95E-01	2.95E-01	3.20E-01	3.68E-01	3.76E-01	4.07E-01	5.22E-01	5.22E-01	1.74E-02	6.23E-03	6.16E-02	4.07E-02	2.50E-01
Missouri	Saline County	29195	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.35E-05	9.38E-05	9.43E-05	9.43E-05	0.00E+00	4.69E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Saline County	29195	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	5.19E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Saline County	29195	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
Missouri	Saline County	29195	U	Hydrazine	9.88E-11	9.88E-11	1.80E-10	1.99E-10	1.94E-10	2.19E-10	2.53E-10	2.53E-10	0.00E+00	1.94E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	Lead Compounds	4.12E-05	4.12E-05	7.23E-05	3.38E-04	8.20E-04	1.28E-03	3.15E-03	3.15E-03	2.38E-07	3.75E-05	0.00E+00	7.82E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Saline County	29195	U	Manganese Compounds	2.12E-05	2.12E-05	8.33E-05	9.09E-05	8.42E-05	9.62E-05	1.11E-04	1.11E-04	4.34E-06	7.62E-05	2.75E-06	9.10E-07	0.00E+00
Missouri	Saline County	29195	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.58E-03	1.58E-03	9.69E-07	6.87E-06	1.20E-05	6.28E-06	1.50E-03
Missouri	Saline County	29195	U	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.69E-01	1.85E-01	2.01E-01	2.72E-01	2.72E-01	1.68E-07	3.46E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Saline County	29195	U	Nickel Compounds	1.56E-05	1.56E-05	2.25E-05	4.55E-05	7.88E-05	1.35E-04	2.10E-04	2.10E-04	1.58E-07	6.32E-05	6.44E-06	8.98E-06	0.00E+00
Missouri	Saline County	29195	U	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.45E-01	1.46E-01	1.48E-01	1.57E-01	1.57E-01	2.49E-08	6.00E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Saline County	29195	U	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	4.00E-04	4.27E-04	4.68E-04	5.20E-04	5.20E-04	0.00E+00	4.71E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Saline County	29195	U	Polycyclic Organic Matter	3.21E-03	3.21E-03	3.79E-03	7.97E-03	1.28E-02	2.00E-02	3.59E-02	3.59E-02	2.14E-04	8.74E-03	2.96E-03	9.22E-04	0.00E+00
Missouri	Saline County	29195	U	7-PAH	1.41E-04	1.41E-04	1.50E-04	2.66E-04	4.12E-04	6.53E-04	1.02E-03	1.02E-03	2.23E-10	3.82E-04	1.88E-05	1.12E-05	0.00E+00
Missouri	Saline County	29195	U	Propylene Dichloride	1.74E-06	1.74E-06	2.95E-06	3.84E-06	4.58E-06	5.83E-06	9.66E-06	9.66E-06	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	Quinoline	2.62E-09	2.62E-09	4.07E-09	4.81E-09	4.65E-09	5.20E-09	6.39E-09	6.39E-09	0.00E+00	4.65E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	1,1,2,2-Tetrachloroethane	7.67E-06	7.67E-06	1.68E-05	2.21E-05	2.03E-05	2.31E-05	3.07E-05	3.07E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Saline County	29195	U	Trichloroethylene	9.49E-02	9.49E-02	1.00E-01	1.14E-01	1.17E-01	1.20E-01	1.70E-01	1.70E-01	3.02E-02	5.36E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Saline County	29195	U	Vinyl Chloride	3.71E-05	3.71E-05	6.28E-05	7.81E-05	8.61E-05	8.60E-05	1.98E-04	1.98E-04	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	Acetaldehyde	1.49E-02	1.49E-02	1.49E-02	1.51E-02	1.51E-02	1.53E-02	1.53E-02	1.53E-02	0.00E+00	1.45E-03	7.38E-03	6.28E-03	0.00E+00
Missouri	Schuyler County	29197	R	Acrolein	2.90E-03	2.90E-03	2.90E-03	3.02E-03	3.02E-03	3.14E-03	3.14E-03	3.14E-03	0.00E+00	1.11E-03	1.50E-03	4.12E-04	0.00E+00
Missouri	Schuyler County	29197	R	Acrylonitrile	7.66E-06	7.66E-06	7.66E-06	8.90E-06	8.90E-06	1.02E-05	1.02E-05	1.02E-05	0.00E+00	8.90E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	Arsenic Compounds	3.54E-06	3.54E-06	3.54E-06	3.55E-06	3.55E-06	3.56E-06	3.56E-06	3.56E-06	0.00E+00	2.23E-07	1.62E-06	1.70E-06	0.00E+00
Missouri	Schuyler County	29197	R	Benzene	5.08E-01	5.08E-01	5.08E-01	5.08E-01	5.08E-01	5.08E-01	5.08E-01	5.08E-01	0.00E+00	7.45E-03	1.72E-02	3.63E-03	4.80E-01
Missouri	Schuyler County	29197	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
Missouri	Schuyler County	29197	R	Beryllium Compounds	1.49E-07	1.49E-07	1.49E-07	1.55E-07	1.55E-07	1.62E-07	1.62E-07	1.62E-07	0.00E+00	5.41E-08	0.00E+00	1.01E-07	0.00E+00
Missouri	Schuyler County	29197	R	1,3-Butadiene	1.23E-03	1.23E-03	1.23E-03	1.29E-03	1.29E-03	1.35E-03	1.35E-03	1.35E-03	0.00E+00	2.02E-04	9.04E-04	1.83E-04	0.00E+00
Missouri	Schuyler County	29197	R	Cadmium Compounds	2.14E-07	2.14E-07	2.14E-07	2.16E-07	2.16E-07	2.18E-07	2.18E-07	2.18E-07	0.00E+00	1.16E-07	0.00E+00	1.00E-07	0.00E+00
Missouri	Schuyler County	29197	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	5.12E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Schuyler County	29197	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.05E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Schuyler County	29197	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.35E-02	8.35E-02	8.36E-02	8.36E-02	8.36E-02	0.00E+00	5.18E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Schuyler County	29197	R	Chromium Compounds (includes Hexavalent)	1.19E-06	1.19E-06	1.19E-06	1.23E-06	1.23E-06	1.27E-06	1.27E-06	1.27E-06	0.00E+00	1.62E-07	1.00E-06	6.25E-08	0.00E+00
Missouri	Schuyler County	29197	R	Chromium VI	4.79E-07	4.79E-07	4.79E-07	4.97E-07	4.97E-07	5.14E-07	5.14E-07	5.14E-07	0.00E+00	7.21E-08	4.03E-07	2.13E-08	0.00E+00
Missouri	Schuyler County	29197	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
Missouri	Schuyler County	29197	R	1,4-Dichlorobenzene	7.37E-04	7.37E-04	7.37E-04	7.63E-04	7.63E-04	7.89E-04	7.89E-04	7.89E-04	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	1,3-Dichloropropene	1.43E-03	1.43E-03	1.43E-03	1.48E-03	1.48E-03	1.54E-03	1.54E-03	1.54E-03	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.56E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Schuyler County	29197	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	8.80E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Schuyler County	29197	R	Ethylene Oxide	1.63E-05	1.63E-05	1.63E-05	1.72E-05	1.72E-05	1.81E-05	1.81E-05	1.81E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	Formaldehyde	2.72E-01	2.72E-01	2.72E-01	2.73E-01	2.73E-01	2.73E-01	2.73E-01	2.73E-01	0.00E+00	4.32E-03	8.06E-03	1.02E-02	2.50E-01
Missouri	Schuyler County	29197	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	1.07E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Schuyler County	29197	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	5.21E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Schuyler County	29197	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
Missouri	Schuyler County	29197	R	Hydrazine	1.09E-10	1.09E-10	1.09E-10	1.30E-09	1.30E-09	2.48E-09	2.48E-09	2.48E-09	0.00E+00	1.30E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	Lead Compounds	1.74E-05	1.74E-05	1.74E-05	1.76E-05	1.76E-05	1.79E-05	1.79E-05	1.79E-05	0.00E+00	8.31E-06	0.00E+00	9.33E-06	0.00E+00
Missouri	Schuyler County	29197	R	Manganese Compounds	2.36E-05	2.36E-05	2.36E-05	3.37E-05	3.37E-05	4.39E-05	4.39E-05	4.39E-05	3.28E-05	5.05E-07	3.01E-07	1.40E-07	0.00E+00
Missouri	Schuyler County	29197	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	2.33E-07	1.90E-06	1.63E-06	1.50E-03
Missouri	Schuyler County	29197	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	2.93E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Schuyler County	29197	R	Nickel Compounds	3.65E-06	3.65E-06	3.65E-06	3.66E-06	3.66E-06	3.66E-06	3.66E-06	3.66E-06	0.00E+00	2.67E-06	7.77E-07	2.06E-07	0.00E+00
Missouri	Schuyler County	29197	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	5.70E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Schuyler County	29197	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	3.87E-04	3.87E-04	3.87E-04	3.87E-04	3.87E-04	0.00E+00	6.74E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Schuyler County	29197	R	Polycyclic Organic Matter	1.60E-03	1.60E-03	1.60E-03	1.62E-03	1.62E-03	1.64E-03	1.64E-03	1.64E-03	0.00E+00	1.16E-03	3.53E-04	1.02E-04	0.00E+00
Missouri	Schuyler County	29197	R	7-PAH	9.55E-05	9.55E-05	9.55E-05	9.56E-05	9.56E-05	9.57E-05	9.57E-05	9.57E-05	0.00E+00	9.21E-05	2.54E-06	9.32E-07	0.00E+00
Missouri	Schuyler County	29197	R	Propylene Dichloride	4.32E-07	4.32E-07	4.32E-07	4.85E-07	4.85E-07	5.37E-07	5.37E-07	5.37E-07	0.00E+00	4.85E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	Quinoline	1.78E-09	1.78E-09	1.78E-09	5.35E-09	5.35E-09	8.92E-09	8.92E-09	8.92E-09	0.00E+00	5.35E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	R	1,1,2,2-Tetrachloroethane	2.47E-06	2.47E-06	2.47E-06	3.22E-06	3.22E-06	3.98E-06	3.98E-06	3.98E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Schuyler County	29197	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	2.05E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Schuyler County	29197	R	Vinyl Chloride	6.35E-06	6.35E-06	6.35E-06	8.12E-06	8.12E-06	9.88E-06	9.88E-06	9.88E-06	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	Acetaldehyde	1.95E-02	1.95E-02	1.95E-02	2.04E-02	2.04E-02	2.13E-02	2.13E-02	2.13E-02	0.00E+00	1.64E-03	8.52E-03	1.02E-02	0.00E+00
Missouri	Scotland County	29199	R	Acrolein	2.75E-03	2.75E-03	2.75E-03	3.68E-03	3.68E-03	4.60E-03	4.60E-03	4.60E-03	0.00E+00	1.58E-03	1.42E-03	6.80E-04	0.00E+00
Missouri	Scotland County	29199	R	Acrylonitrile	3.98E-06	3.98E-06	3.98E-06	1.16E-05	1.16E-05	1.92E-05	1.92E-05	1.92E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	Arsenic Compounds	3.31E-06	3.31E-06	3.31E-06	5.78E-06	5.78E-06	8.26E-06	8.26E-06	8.26E-06	0.00E+00	6.50E-07	2.72E-06	2.41E-06	0.00E+00
Missouri	Scotland County	29199	R	Benzene	5.04E-01	5.04E-01	5.04E-01	5.36E-01	5.36E-01	5.68E-01	5.68E-01	5.68E-01	0.00E+00	2.33E-02	2.47E-02	7.87E-03	4.80E-01
Missouri	Scotland County	29199	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
Missouri	Scotland County	29199	R	Beryllium Compounds	6.83E-07	6.83E-07	6.83E-07	7.89E-07	7.89E-07	8.96E-07	8.96E-07	8.96E-07	0.00E+00	1.67E-07	0.00E+00	6.22E-07	0.00E+00
Missouri	Scotland County	29199	R	1,3-Butadiene	1.14E-03	1.14E-03	1.14E-03	3.19E-03	3.19E-03	5.24E-03	5.24E-03	5.24E-03	0.00E+00	3.95E-04	2.08E-03	7.18E-04	0.00E+00
Missouri	Scotland County	29199	R	Cadmium Compounds	7.42E-07	7.42E-07	7.42E-07	9.71E-07	9.71E-07	1.20E-06	1.20E-06	1.20E-06	0.00E+00	3.51E-07	0.00E+00	6.21E-07	0.00E+00
Missouri	Scotland County	29199	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	1.10E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Scotland County	29199	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	3.03E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Scotland County	29199	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.36E-02	8.36E-02	8.36E-02	0.00E+00	4.25E-04	0.00E+00	0.00E+00	8.30E-02

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Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Scotland County	29199	R	Chromium Compounds (includes Hexavalent)	7.14E-06	7.14E-06	7.14E-06	8.46E-06	8.46E-06	9.78E-06	9.78E-06	9.78E-06	0.00E+00	6.63E-06	1.59E-06	2.38E-07	0.00E+00
Missouri	Scotland County	29199	R	Chromium VI	5.62E-07	5.62E-07	5.62E-07	1.06E-06	1.06E-06	1.57E-06	1.57E-06	1.57E-06	0.00E+00	3.92E-07	5.91E-07	8.11E-08	0.00E+00
Missouri	Scotland County	29199	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
Missouri	Scotland County	29199	R	1,4-Dichlorobenzene	5.87E-04	5.87E-04	5.87E-04	1.96E-03	1.96E-03	3.34E-03	3.34E-03	3.34E-03	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	1,3-Dichloropropene	1.15E-03	1.15E-03	1.15E-03	3.95E-03	3.95E-03	6.76E-03	6.76E-03	6.76E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	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	1.40E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Scotland County	29199	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	3.72E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Scotland County	29199	R	Ethylene Oxide	2.50E-05	2.50E-05	2.50E-05	1.68E-04	1.68E-04	3.11E-04	3.11E-04	3.11E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	Formaldehyde	2.79E-01	2.79E-01	2.79E-01	2.84E-01	2.84E-01	2.89E-01	2.89E-01	2.89E-01	0.00E+00	5.76E-03	1.17E-02	1.65E-02	2.50E-01
Missouri	Scotland County	29199	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	3.34E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Scotland County	29199	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	1.74E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Scotland County	29199	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
Missouri	Scotland County	29199	R	Hydrazine	1.71E-11	1.71E-11	1.71E-11	2.04E-11	2.04E-11	2.37E-11	2.37E-11	2.37E-11	0.00E+00	2.04E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	Lead Compounds	8.96E-06	8.96E-06	8.96E-06	4.86E-05	4.86E-05	8.81E-05	8.81E-05	8.81E-05	0.00E+00	4.57E-05	0.00E+00	2.88E-06	0.00E+00
Missouri	Scotland County	29199	R	Manganese Compounds	3.31E-05	3.31E-05	3.31E-05	3.54E-05	3.54E-05	3.77E-05	3.77E-05	3.77E-05	1.32E-05	2.16E-05	4.40E-07	2.49E-07	0.00E+00
Missouri	Scotland County	29199	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	5.39E-07	3.22E-06	2.78E-06	1.50E-03
Missouri	Scotland County	29199	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.60E-01	1.60E-01	1.68E-01	1.68E-01	1.68E-01	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Scotland County	29199	R	Nickel Compounds	1.45E-05	1.45E-05	1.45E-05	1.94E-05	1.94E-05	2.43E-05	2.43E-05	2.43E-05	0.00E+00	1.77E-05	1.16E-06	5.66E-07	0.00E+00
Missouri	Scotland County	29199	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Scotland County	29199	R	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.86E-04	4.14E-04	4.14E-04	4.42E-04	4.42E-04	4.42E-04	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Scotland County	29199	R	Polycyclic Organic Matter	1.67E-03	1.67E-03	1.67E-03	3.77E-03	3.77E-03	5.88E-03	5.88E-03	5.88E-03	0.00E+00	3.03E-03	5.19E-04	2.28E-04	0.00E+00
Missouri	Scotland County	29199	R	7-PAH	1.09E-04	1.09E-04	1.09E-04	2.59E-04	2.59E-04	4.09E-04	4.09E-04	4.09E-04	0.00E+00	2.53E-04	3.80E-06	2.56E-06	0.00E+00
Missouri	Scotland County	29199	R	Propylene Dichloride	1.76E-07	1.76E-07	1.76E-07	4.06E-07	4.06E-07	6.37E-07	6.37E-07	6.37E-07	0.00E+00	4.06E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	Quinoline	3.48E-10	3.48E-10	3.48E-10	4.04E-10	4.04E-10	4.59E-10	4.59E-10	4.59E-10	0.00E+00	4.04E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	1,1,2,2-Tetrachloroethane	9.89E-07	9.89E-07	9.89E-07	1.09E-06	1.09E-06	1.19E-06	1.19E-06	1.19E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Scotland County	29199	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.19E-02	8.19E-02	8.25E-02	8.25E-02	8.25E-02	0.00E+00	8.59E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Scotland County	29199	R	Vinyl Chloride	2.46E-06	2.46E-06	2.46E-06	2.76E-06	2.76E-06	3.05E-06	3.05E-06	3.05E-06	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	Acetaldehyde	6.24E-02	7.23E-02	9.79E-02	1.46E-01	1.65E-01	2.20E-01	2.88E-01	3.49E-01	2.15E-02	9.40E-03	7.98E-02	5.46E-02	0.00E+00
Missouri	Scott County	29201	U	Acrolein	1.15E-02	1.19E-02	1.53E-02	2.33E-02	2.24E-02	2.74E-02	3.53E-02	4.03E-02	1.16E-04	3.09E-03	1.53E-02	3.82E-03	0.00E+00
Missouri	Scott County	29201	U	Acrylonitrile	3.81E-05	4.06E-05	6.09E-05	8.55E-05	8.55E-05	1.03E-04	1.42E-04	1.60E-04	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	Arsenic Compounds	1.92E-05	2.03E-05	2.46E-05	4.05E-05	4.47E-05	6.72E-05	7.40E-05	7.82E-05	9.68E-06	4.91E-06	1.97E-05	1.05E-05	0.00E+00
Missouri	Scott County	29201	U	Benzene	6.05E-01	6.09E-01	6.54E-01	8.05E-01	8.31E-01	9.10E-01	1.19E+00	1.36E+00	9.82E-05	6.12E-02	2.45E-01	4.46E-02	4.80E-01
Missouri	Scott County	29201	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
Missouri	Scott County	29201	U	Beryllium Compounds	1.36E-06	1.57E-06	1.89E-06	3.21E-06	3.89E-06	6.08E-06	7.14E-06	8.11E-06	7.52E-07	1.03E-06	0.00E+00	2.11E-06	0.00E+00
Missouri	Scott County	29201	U	1,3-Butadiene	4.45E-03	4.55E-03	6.55E-03	1.70E-02	2.12E-02	2.67E-02	5.13E-02	6.81E-02	5.26E-06	2.29E-04	1.79E-02	3.14E-03	0.00E+00
Missouri	Scott County	29201	U	Cadmium Compounds	3.00E-06	3.08E-06	3.25E-06	5.82E-06	6.30E-06	9.24E-06	1.03E-05	1.11E-05	1.45E-06	2.15E-06	0.00E+00	2.70E-06	0.00E+00
Missouri	Scott County	29201	U	Carbon Disulfide	4.72E-02	4.72E-02	4.75E-02	4.79E-02	4.79E-02	4.81E-02	4.87E-02	4.89E-02	3.42E-04	5.37E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Scott County	29201	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	4.57E-04	1.46E-04	0.00E+00	0.00E+00	8.80E-01
Missouri	Scott County	29201	U	Chloroform	8.45E-02	8.48E-02	8.73E-02	8.95E-02	8.90E-02	9.14E-02	9.26E-02	9.34E-02	2.35E-03	3.66E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Scott County	29201	U	Chromium Compounds (includes Hexavalent)	5.58E-05	6.86E-05	8.37E-05	1.47E-04	1.33E-04	1.58E-04	2.05E-04	2.52E-04	5.70E-05	5.93E-05	1.43E-05	2.97E-06	0.00E+00
Missouri	Scott County	29201	U	Chromium VI	1.19E-05	1.34E-05	2.32E-05	3.29E-05	3.24E-05	4.56E-05	4.64E-05	4.68E-05	4.98E-06	2.08E-05	5.69E-06	1.01E-06	0.00E+00
Missouri	Scott County	29201	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
Missouri	Scott County	29201	U	1,4-Dichlorobenzene	2.89E-03	3.05E-03	3.30E-03	7.92E-03	1.02E-02	1.60E-02	2.24E-02	2.54E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	1,3-Dichloropropene	5.62E-03	5.96E-03	6.48E-03	1.59E-02	2.05E-02	3.24E-02	4.54E-02	5.16E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.56E-09	1.40E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Scott County	29201	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	4.17E-05	6.82E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Scott County	29201	U	Ethylene Oxide	2.19E-04	3.60E-04	6.01E-04	9.82E-04	9.87E-04	1.46E-03	1.67E-03	1.70E-03	0.00E+00	9.87E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	Formaldehyde	3.55E-01	3.57E-01	3.63E-01	4.22E-01	4.47E-01	4.68E-01	6.12E-01	7.16E-01	6.09E-04	1.37E-02	9.94E-02	8.36E-02	2.50E-01
Missouri	Scott County	29201	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.39E-05	9.41E-05	9.42E-05	0.00E+00	5.06E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Scott County	29201	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	7.99E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Scott County	29201	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
Missouri	Scott County	29201	U	Hydrazine	1.46E-10	1.47E-10	2.01E-10	7.30E-10	8.28E-10	1.40E-09	1.62E-09	1.82E-09	0.00E+00	8.28E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	Lead Compounds	1.11E-04	1.49E-04	1.96E-04	2.77E-04	3.90E-04	4.70E-04	9.14E-04	9.75E-04	2.08E-05	2.54E-05	0.00E+00	3.44E-04	0.00E+00
Missouri	Scott County	29201	U	Manganese Compounds	4.26E-05	4.79E-05	5.56E-05	1.26E-04	1.12E-04	1.43E-04	1.90E-04	2.20E-04	3.46E-05	6.67E-05	4.63E-06	6.55E-06	0.00E+00
Missouri	Scott County	29201	U	Mercury Compounds	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.59E-03	1.62E-03	1.38E-05	5.95E-06	2.10E-05	1.22E-05	1.50E-03
Missouri	Scott County	29201	U	Methylene Chloride	1.99E-01	2.06E-01	2.14E-01	2.67E-01	2.62E-01	3.07E-01	3.25E-01	3.38E-01	6.01E-02	5.15E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Scott County	29201	U	Nickel Compounds	6.97E-05	7.44E-05	8.65E-05	2.01E-04	2.07E-04	2.42E-04	4.11E-04	5.51E-04	7.33E-06	6.86E-05	1.08E-05	1.20E-04	0.00E+00
Missouri	Scott County	29201	U	Perchloroethylene	1.45E-01	1.46E-01	1.56E-01	1.61E-01	1.63E-01	1.73E-01	1.79E-01	1.83E-01	8.16E-05	2.25E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Scott County	29201	U	Polychlorinated Biphenyls	3.93E-04	3.93E-04	3.95E-04	4.13E-04	4.29E-04	4.66E-04	4.92E-04	5.10E-04	0.00E+00	4.85E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Scott County	29201	U	Polycyclic Organic Matter	7.12E-03	7.53E-03	9.63E-03	2.63E-02	2.91E-02	4.64E-02	5.61E-02	5.94E-02	1.02E-02	1.28E-02	4.77E-03	1.35E-03	0.00E+00
Missouri	Scott County	29201	U	7-PAH	2.69E-04	2.93E-04	3.99E-04	6.81E-04	6.68E-04	9.13E-04	1.12E-03	1.14E-03	5.86E-05	5.49E-04	3.26E-05	2.76E-05	0.00E+00
Missouri	Scott County	29201	U	Propylene Dichloride	1.45E-06	1.56E-06	1.77E-06	3.01E-06	3.07E-06	4.24E-06	4.96E-06	5.50E-06	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	Quinoline	3.49E-09	3.72E-09	4.54E-09	6.87E-09	9.30E-09	1.26E-08	2.05E-08	2.37E-08	0.00E+00	9.30E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Scott County	29201	U	1,1,2,2-Tetrachloroethane	4.39E-06	4.41E-06	4.76E-06	8.99E-06	7.97E-06	1.01E-05	1.08E-05	1.12E-05	0.00E+00	7.97E-06	0.00E+00	0.00E+00	0.00E+00

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State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Missouri	Scott County	29201	U	Trichloroethylene	8.21E-02	8.21E-02	8.22E-02	8.39E-02	8.62E-02	8.83E-02	9.45E-02	9.67E-02	8.01E-05	5.08E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Scott County	29201	U	Vinyl Chloride	3.47E-05	3.51E-05	3.62E-05	5.33E-05	6.19E-05	8.29E-05	1.12E-04	1.33E-04	1.20E-05	4.99E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	Acetaldehyde	2.56E-02	2.56E-02	2.56E-02	3.24E-02	3.24E-02	3.92E-02	3.92E-02	3.92E-02	0.00E+00	2.20E-02	8.84E-03	1.58E-03	0.00E+00
Missouri	Shannon County	29203	R	Acrolein	8.96E-03	8.96E-03	8.96E-03	1.11E-02	1.11E-02	1.32E-02	1.32E-02	1.32E-02	0.00E+00	9.10E-03	1.74E-03	2.49E-04	0.00E+00
Missouri	Shannon County	29203	R	Acrylonitrile	2.76E-06	2.76E-06	2.76E-06	6.41E-06	6.41E-06	1.01E-05	1.01E-05	1.01E-05	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	Arsenic Compounds	1.77E-06	1.77E-06	1.77E-06	3.38E-06	3.38E-06	4.98E-06	4.98E-06	4.98E-06	0.00E+00	9.64E-07	2.04E-06	3.76E-07	0.00E+00
Missouri	Shannon County	29203	R	Benzene	5.12E-01	5.12E-01	5.12E-01	5.27E-01	5.27E-01	5.42E-01	5.42E-01	5.42E-01	0.00E+00	2.36E-02	1.98E-02	3.58E-03	4.80E-01
Missouri	Shannon County	29203	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
Missouri	Shannon County	29203	R	Beryllium Compounds	3.08E-08	3.08E-08	3.08E-08	7.20E-08	7.20E-08	1.13E-07	1.13E-07	1.13E-07	0.00E+00	5.33E-08	0.00E+00	1.86E-08	0.00E+00
Missouri	Shannon County	29203	R	1,3-Butadiene	2.20E-03	2.20E-03	2.20E-03	3.49E-03	3.49E-03	4.77E-03	4.77E-03	4.77E-03	0.00E+00	2.27E-03	1.02E-03	1.97E-04	0.00E+00
Missouri	Shannon County	29203	R	Cadmium Compounds	1.60E-07	1.60E-07	1.60E-07	3.87E-07	3.87E-07	6.13E-07	6.13E-07	6.13E-07	0.00E+00	3.68E-07	0.00E+00	1.84E-08	0.00E+00
Missouri	Shannon County	29203	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	5.47E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Shannon County	29203	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	1.01E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Shannon County	29203	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.33E-02	8.35E-02	8.35E-02	8.35E-02	0.00E+00	2.86E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Shannon County	29203	R	Chromium Compounds (includes Hexavalent)	1.32E-06	1.32E-06	1.32E-06	3.53E-06	3.53E-06	5.74E-06	5.74E-06	5.74E-06	0.00E+00	2.25E-06	1.25E-06	3.20E-08	0.00E+00
Missouri	Shannon County	29203	R	Chromium VI	6.15E-07	6.15E-07	6.15E-07	1.61E-06	1.61E-06	2.60E-06	2.60E-06	2.60E-06	0.00E+00	1.11E-06	4.90E-07	1.09E-08	0.00E+00
Missouri	Shannon County	29203	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
Missouri	Shannon County	29203	R	1,4-Dichlorobenzene	4.29E-04	4.29E-04	4.29E-04	7.42E-04	7.42E-04	1.06E-03	1.06E-03	1.06E-03	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	1,3-Dichloropropene	8.28E-04	8.28E-04	8.28E-04	1.46E-03	1.46E-03	2.08E-03	2.08E-03	2.08E-03	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.07E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Shannon County	29203	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	7.47E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Shannon County	29203	R	Ethylene Oxide	4.26E-06	4.26E-06	4.26E-06	8.39E-06	8.39E-06	1.25E-05	1.25E-05	1.25E-05	0.00E+00	8.39E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	Formaldehyde	2.98E-01	2.98E-01	2.98E-01	3.09E-01	3.09E-01	3.21E-01	3.21E-01	3.21E-01	0.00E+00	4.74E-02	9.41E-03	2.61E-03	2.50E-01
Missouri	Shannon County	29203	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	8.23E-08	0.00E+00	0.00E+00	9.30E-05
Missouri	Shannon County	29203	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	4.83E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Shannon County	29203	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
Missouri	Shannon County	29203	R	Hydrazine	1.70E-10	1.70E-10	1.70E-10	9.25E-10	9.25E-10	1.68E-09	1.68E-09	1.68E-09	0.00E+00	9.25E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	Lead Compounds	2.12E-03	2.12E-03	2.12E-03	3.75E-03	3.75E-03	5.39E-03	5.39E-03	5.39E-03	1.05E-03	2.69E-03	0.00E+00	1.07E-05	0.00E+00
Missouri	Shannon County	29203	R	Manganese Compounds	3.51E-05	3.51E-05	3.51E-05	1.21E-04	1.21E-04	2.07E-04	2.07E-04	2.07E-04	7.53E-06	1.13E-04	4.02E-07	3.54E-08	0.00E+00
Missouri	Shannon County	29203	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	6.29E-07	2.37E-06	3.45E-07	1.50E-03
Missouri	Shannon County	29203	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	2.82E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Shannon County	29203	R	Nickel Compounds	3.94E-06	3.94E-06	3.94E-06	7.25E-06	7.25E-06	1.06E-05	1.06E-05	1.06E-05	0.00E+00	6.28E-06	9.15E-07	5.53E-08	0.00E+00
Missouri	Shannon County	29203	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	1.22E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Shannon County	29203	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.88E-04	3.88E-04	3.92E-04	3.92E-04	3.92E-04	0.00E+00	8.19E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Shannon County	29203	R	Polycyclic Organic Matter	1.88E-03	1.88E-03	1.88E-03	2.82E-03	2.82E-03	3.77E-03	3.77E-03	3.77E-03	0.00E+00	2.37E-03	4.11E-04	4.08E-05	0.00E+00
Missouri	Shannon County	29203	R	7-PAH	3.25E-04	3.25E-04	3.25E-04	4.25E-04	4.25E-04	5.25E-04	5.25E-04	5.25E-04	0.00E+00	4.22E-04	3.05E-06	3.63E-07	0.00E+00
Missouri	Shannon County	29203	R	Propylene Dichloride	1.58E-07	1.58E-07	1.58E-07	3.34E-07	3.34E-07	5.11E-07	5.11E-07	5.11E-07	0.00E+00	3.34E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	Quinoline	5.66E-09	5.66E-09	5.66E-09	7.07E-09	7.07E-09	8.48E-09	8.48E-09	8.48E-09	0.00E+00	7.07E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	1,1,2,2-Tetrachloroethane	5.00E-07	5.00E-07	5.00E-07	1.23E-06	1.23E-06	1.95E-06	1.95E-06	1.95E-06	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Shannon County	29203	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	1.95E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Shannon County	29203	R	Vinyl Chloride	1.60E-06	1.60E-06	1.60E-06	5.05E-06	5.05E-06	8.51E-06	8.51E-06	8.51E-06	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	Acetaldehyde	2.16E-02	2.16E-02	2.16E-02	2.24E-02	2.40E-02	2.80E-02	2.80E-02	2.80E-02	1.93E-06	1.88E-03	7.93E-03	1.42E-02	0.00E+00
Missouri	Shelby County	29205	R	Acrolein	3.59E-03	3.59E-03	3.59E-03	3.61E-03	4.02E-03	4.85E-03	4.85E-03	4.85E-03	3.51E-07	1.29E-03	1.64E-03	1.10E-03	0.00E+00
Missouri	Shelby County	29205	R	Acrylonitrile	1.69E-05	1.69E-05	1.69E-05	1.88E-05	2.13E-05	2.82E-05	2.82E-05	2.82E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	Arsenic Compounds	4.71E-06	4.71E-06	4.71E-06	5.78E-06	5.73E-06	6.70E-06	6.70E-06	6.70E-06	9.05E-07	2.46E-07	1.87E-06	2.71E-06	0.00E+00
Missouri	Shelby County	29205	R	Benzene	5.12E-01	5.12E-01	5.12E-01	5.13E-01	5.19E-01	5.32E-01	5.32E-01	5.32E-01	1.86E-06	8.90E-03	1.90E-02	1.14E-02	4.80E-01
Missouri	Shelby County	29205	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
Missouri	Shelby County	29205	R	Beryllium Compounds	2.78E-07	2.78E-07	2.78E-07	3.14E-07	3.50E-07	4.57E-07	4.57E-07	4.57E-07	6.04E-08	5.68E-08	0.00E+00	2.33E-07	0.00E+00
Missouri	Shelby County	29205	R	1,3-Butadiene	1.26E-03	1.26E-03	1.26E-03	1.30E-03	1.66E-03	2.41E-03	2.41E-03	2.41E-03	0.00E+00	2.48E-04	1.01E-03	3.97E-04	0.00E+00
Missouri	Shelby County	29205	R	Cadmium Compounds	4.06E-07	4.06E-07	4.06E-07	3.31E-05	2.95E-05	5.50E-05	5.50E-05	5.50E-05	2.91E-05	1.31E-07	0.00E+00	2.32E-07	0.00E+00
Missouri	Shelby County	29205	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	1.86E-07	4.59E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Shelby County	29205	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	9.87E-06	0.00E+00	0.00E+00	8.80E-01
Missouri	Shelby County	29205	R	Chloroform	8.37E-02	8.37E-02	8.37E-02	8.38E-02	8.39E-02	8.43E-02	8.43E-02	8.43E-02	0.00E+00	9.17E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Shelby County	29205	R	Chromium Compounds (includes Hexavalent)	2.95E-06	2.95E-06	2.95E-06	3.07E-06	4.90E-06	8.70E-06	8.70E-06	8.70E-06	3.38E-06	2.31E-07	1.14E-06	1.54E-07	0.00E+00
Missouri	Shelby County	29205	R	Chromium VI	9.18E-07	9.18E-07	9.18E-07	1.06E-06	1.14E-06	1.43E-06	1.43E-06	1.43E-06	4.98E-07	1.41E-07	4.44E-07	5.24E-08	0.00E+00
Missouri	Shelby County	29205	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
Missouri	Shelby County	29205	R	1,4-Dichlorobenzene	5.96E-04	5.96E-04	5.96E-04	6.39E-04	7.49E-04	1.01E-03	1.01E-03	1.01E-03	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	1,3-Dichloropropene	1.16E-03	1.16E-03	1.16E-03	1.24E-03	1.46E-03	1.99E-03	1.99E-03	1.99E-03	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	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	9.02E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Shelby County	29205	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	5.72E-08	3.01E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Shelby County	29205	R	Ethylene Oxide	3.81E-06	3.81E-06	3.81E-06	5.66E-06	5.16E-06	6.01E-06	6.01E-06	6.01E-06	0.00E+00	5.16E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	Formaldehyde	2.81E-01	2.81E-01	2.81E-01	2.83E-01	2.85E-01	2.90E-01	2.90E-01	2.90E-01	3.50E-07	5.17E-03	8.84E-03	2.06E-02	2.50E-01
Missouri	Shelby County	29205	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	1.22E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Shelby County	29205	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	4.66E-09	0.00E+00	0.00E+00	1.80E-03

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Shelby County	29205	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
Missouri	Shelby County	29205	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.25E-10	1.13E-10	2.14E-10	2.14E-10	2.14E-10	0.00E+00	1.13E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	Lead Compounds	2.46E-05	2.46E-05	2.46E-05	2.14E-04	1.91E-04	3.35E-04	3.35E-04	3.35E-04	1.71E-04	9.68E-06	0.00E+00	1.01E-05	0.00E+00
Missouri	Shelby County	29205	R	Manganese Compounds	4.19E-06	4.19E-06	4.19E-06	2.49E-05	6.79E-05	1.75E-04	1.75E-04	1.75E-04	1.02E-05	5.71E-05	3.34E-07	2.45E-07	0.00E+00
Missouri	Shelby County	29205	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	6.60E-06	1.65E-07	2.24E-06	2.63E-06	1.50E-03
Missouri	Shelby County	29205	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.54E-01	3.95E-07	2.88E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Shelby County	29205	R	Nickel Compounds	4.97E-06	4.97E-06	4.97E-06	6.44E-06	7.35E-06	1.07E-05	1.07E-05	1.07E-05	4.62E-07	5.44E-06	8.69E-07	5.78E-07	0.00E+00
Missouri	Shelby County	29205	R	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	5.85E-08	1.37E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Shelby County	29205	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.86E-04	3.87E-04	3.90E-04	3.90E-04	3.90E-04	0.00E+00	6.95E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Shelby County	29205	R	Polycyclic Organic Matter	2.47E-03	2.47E-03	2.47E-03	2.52E-03	2.80E-03	3.40E-03	3.40E-03	3.40E-03	2.58E-08	2.23E-03	3.92E-04	1.73E-04	0.00E+00
Missouri	Shelby County	29205	R	7-PAH	1.06E-04	1.06E-04	1.06E-04	1.19E-04	1.26E-04	1.54E-04	1.54E-04	1.54E-04	5.27E-10	1.20E-04	2.84E-06	3.16E-06	0.00E+00
Missouri	Shelby County	29205	R	Propylene Dichloride	5.38E-07	5.38E-07	5.38E-07	6.46E-07	7.30E-07	1.01E-06	1.01E-06	1.01E-06	0.00E+00	7.30E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	4.19E-09	3.70E-09	6.90E-09	6.90E-09	6.90E-09	0.00E+00	3.70E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	1,1,2,2-Tetrachloroethane	4.11E-06	4.11E-06	4.11E-06	5.81E-06	6.36E-06	9.16E-06	9.16E-06	9.16E-06	0.00E+00	6.36E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Shelby County	29205	R	Trichloroethylene	8.30E-02	8.30E-02	8.30E-02	8.44E-02	8.44E-02	8.59E-02	8.59E-02	8.59E-02	3.19E-03	2.61E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Shelby County	29205	R	Vinyl Chloride	1.85E-05	1.85E-05	1.85E-05	2.40E-05	2.59E-05	3.51E-05	3.51E-05	3.51E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	Acetaldehyde	4.31E-02	4.31E-02	5.23E-02	6.25E-02	8.09E-02	1.02E-01	1.70E-01	1.70E-01	1.89E-05	3.28E-03	4.96E-02	2.80E-02	0.00E+00
Missouri	Stoddard County	29207	R	Acrolein	8.60E-03	8.60E-03	9.08E-03	1.01E-02	1.45E-02	1.99E-02	2.95E-02	2.95E-02	2.06E-06	2.84E-03	9.56E-03	2.15E-03	0.00E+00
Missouri	Stoddard County	29207	R	Acrylonitrile	2.83E-05	2.83E-05	5.40E-05	8.22E-05	1.23E-04	1.67E-04	3.48E-04	3.48E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	Arsenic Compounds	1.14E-05	1.14E-05	1.39E-05	1.95E-05	2.89E-05	4.04E-05	7.24E-05	7.24E-05	5.27E-06	3.39E-06	1.34E-05	6.89E-06	0.00E+00
Missouri	Stoddard County	29207	R	Benzene	5.61E-01	5.61E-01	5.69E-01	5.84E-01	7.05E-01	8.17E-01	1.13E+00	1.13E+00	2.01E-05	5.26E-02	1.50E-01	2.22E-02	4.80E-01
Missouri	Stoddard County	29207	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
Missouri	Stoddard County	29207	R	Beryllium Compounds	5.68E-07	5.68E-07	9.89E-07	1.39E-06	2.62E-06	3.89E-06	7.86E-06	7.86E-06	2.62E-07	6.84E-07	0.00E+00	1.67E-06	0.00E+00
Missouri	Stoddard County	29207	R	1,3-Butadiene	2.54E-03	2.54E-03	2.72E-03	3.70E-03	1.31E-02	2.07E-02	4.84E-02	4.84E-02	0.00E+00	2.61E-04	1.10E-02	1.84E-03	0.00E+00
Missouri	Stoddard County	29207	R	Cadmium Compounds	9.71E-07	9.71E-07	1.60E-06	2.28E-06	3.80E-06	5.46E-06	1.08E-05	1.08E-05	6.84E-07	1.42E-06	0.00E+00	1.70E-06	0.00E+00
Missouri	Stoddard County	29207	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.74E-02	4.76E-02	4.83E-02	4.83E-02	1.81E-06	3.89E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Stoddard County	29207	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
Missouri	Stoddard County	29207	R	Chloroform	8.38E-02	8.38E-02	8.40E-02	8.42E-02	8.57E-02	8.73E-02	9.14E-02	9.14E-02	0.00E+00	2.73E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Stoddard County	29207	R	Chromium Compounds (includes Hexavalent)	6.06E-05	6.06E-05	2.29E-04	5.23E-04	2.17E-03	1.96E-03	1.19E-02	1.19E-02	8.58E-06	2.15E-03	8.95E-06	7.52E-07	0.00E+00
Missouri	Stoddard County	29207	R	Chromium VI	2.07E-05	2.07E-05	7.50E-05	1.78E-04	7.38E-04	6.70E-04	4.04E-03	4.04E-03	1.17E-06	7.33E-04	3.61E-06	2.56E-07	0.00E+00
Missouri	Stoddard County	29207	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
Missouri	Stoddard County	29207	R	1,4-Dichlorobenzene	1.70E-03	1.70E-03	2.08E-03	2.80E-03	6.77E-03	1.05E-02	2.17E-02	2.17E-02	0.00E+00	6.77E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	1,3-Dichloropropene	3.27E-03	3.27E-03	4.00E-03	5.45E-03	1.35E-02	2.11E-02	4.40E-02	4.40E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	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	7.70E-03
Missouri	Stoddard County	29207	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	5.56E-07	1.20E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Stoddard County	29207	R	Ethylene Oxide	3.79E-05	3.79E-05	5.22E-05	7.26E-05	1.99E-04	3.92E-04	5.24E-04	5.24E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	Formaldehyde	3.13E-01	3.13E-01	3.22E-01	3.29E-01	3.69E-01	4.07E-01	5.27E-01	5.27E-01	4.92E-05	9.05E-03	6.36E-02	4.66E-02	2.50E-01
Missouri	Stoddard County	29207	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.37E-05	9.40E-05	9.52E-05	9.52E-05	0.00E+00	6.79E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Stoddard County	29207	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	5.85E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Stoddard County	29207	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
Missouri	Stoddard County	29207	R	Hydrazine	1.67E-11	1.67E-11	8.18E-11	1.06E-10	1.13E-10	1.46E-10	2.22E-10	2.22E-10	0.00E+00	1.13E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	Lead Compounds	3.40E-05	3.40E-05	8.07E-05	1.13E-04	3.07E-04	1.90E-04	1.66E-03	1.66E-03	6.26E-06	1.87E-05	0.00E+00	2.82E-04	0.00E+00
Missouri	Stoddard County	29207	R	Manganese Compounds	2.18E-05	2.18E-05	9.02E-05	2.07E-04	5.74E-04	5.55E-04	2.86E-03	2.86E-03	4.19E-05	5.28E-04	2.86E-06	1.02E-06	0.00E+00
Missouri	Stoddard County	29207	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.54E-03	1.57E-03	1.57E-03	1.27E-08	2.72E-06	1.51E-05	7.80E-06	1.50E-03
Missouri	Stoddard County	29207	R	Methylene Chloride	1.57E-01	1.57E-01	1.61E-01	1.69E-01	2.31E-01	2.95E-01	4.39E-01	4.39E-01	3.31E-06	8.08E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Stoddard County	29207	R	Nickel Compounds	1.74E-05	1.74E-05	5.05E-05	6.95E-05	1.67E-04	2.08E-04	6.64E-04	6.64E-04	7.44E-06	1.45E-04	6.64E-06	8.06E-06	0.00E+00
Missouri	Stoddard County	29207	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.50E-01	1.56E-01	1.71E-01	1.71E-01	4.91E-07	9.99E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Stoddard County	29207	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.92E-04	4.02E-04	4.51E-04	4.95E-04	6.35E-04	6.35E-04	0.00E+00	7.05E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Stoddard County	29207	R	Polycyclic Organic Matter	5.40E-03	5.40E-03	6.20E-03	1.37E-02	1.95E-02	3.11E-02	4.89E-02	4.89E-02	6.47E-03	9.34E-03	3.01E-03	7.20E-04	0.00E+00
Missouri	Stoddard County	29207	R	7-PAH	2.82E-04	2.82E-04	2.97E-04	3.21E-04	6.24E-04	8.85E-04	1.70E-03	1.70E-03	3.71E-05	5.57E-04	2.13E-05	8.08E-06	0.00E+00
Missouri	Stoddard County	29207	R	Propylene Dichloride	1.42E-06	1.42E-06	2.93E-06	4.65E-06	6.40E-06	8.53E-06	1.76E-05	1.76E-05	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	Quinoline	5.48E-10	5.48E-10	2.32E-09	3.28E-09	3.38E-09	4.45E-09	6.38E-09	6.38E-09	0.00E+00	3.38E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	1,1,2,2-Tetrachloroethane	7.65E-06	7.65E-06	2.44E-05	3.78E-05	4.86E-05	6.37E-05	1.29E-04	1.29E-04	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Stoddard County	29207	R	Trichloroethylene	8.15E-02	8.15E-02	8.18E-02	8.21E-02	8.44E-02	8.62E-02	9.37E-02	9.37E-02	0.00E+00	3.42E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Stoddard County	29207	R	Vinyl Chloride	3.09E-05	3.09E-05	6.03E-05	9.68E-05	1.23E-04	1.59E-04	3.22E-04	3.22E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	Acetaldehyde	5.41E-02	5.41E-02	5.62E-02	5.88E-02	6.62E-02	6.40E-02	9.77E-02	9.77E-02	1.29E-03	8.76E-03	3.73E-02	1.88E-02	0.00E+00
Missouri	Stone County	29209	R	Acrolein	1.46E-02	1.46E-02	1.58E-02	1.86E-02	1.86E-02	1.97E-02	2.45E-02	2.45E-02	1.17E-06	6.04E-03	7.34E-03	5.23E-03	0.00E+00
Missouri	Stone County	29209	R	Acrylonitrile	2.19E-05	2.19E-05	4.40E-05	5.38E-05	1.01E-04	9.64E-05	2.90E-04	2.90E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	Arsenic Compounds	1.01E-05	1.01E-05	1.14E-05	1.37E-05	1.39E-05	1.46E-05	1.97E-05	1.97E-05	1.94E-06	1.40E-06	8.11E-06	2.43E-06	0.00E+00
Missouri	Stone County	29209	R	Benzene	6.25E-01	6.25E-01	6.57E-01	6.99E-01	7.15E-01	7.02E-01	8.95E-01	8.95E-01	1.72E-04	4.79E-02	7.86E-02	1.09E-01	4.80E-01
Missouri	Stone County	29209	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
Missouri	Stone County	29209	R	Beryllium Compounds	1.84E-07	1.84E-07	3.47E-07	4.28E-07	4.44E-07	5.04E-07	7.57E-07	7.57E-07	1.19E-07	2.93E-07	0.00E+00	3.23E-08	0.00E+00
Missouri	Stone County	29209	R	1,3-Butadiene	3.65E-03	3.65E-03	7.71E-03	8.60E-03	1.07E-02	9.86E-03	2.36E-02	2.36E-02	0.00E+00	1.02E-03	3.84E-03	5.82E-03	0.00E+00
Missouri	Stone County	29209	R	Cadmium Compounds	7.24E-07	7.24E-07	7.60E-07	1.13E-06	1.08E-06	1.27E-06	1.53E-06	1.53E-06	2.71E-07	7.79E-07	0.00E+00	3.20E-08	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Stone County	29209	R	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	4.74E-02	4.74E-02	7.05E-07	2.31E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Stone County	29209	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	5.71E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Stone County	29209	R	Chloroform	8.45E-02	8.45E-02	8.46E-02	8.52E-02	8.52E-02	8.54E-02	8.62E-02	8.62E-02	1.00E-05	2.17E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Stone County	29209	R	Chromium Compounds (includes Hexavalent)	6.30E-04	6.30E-04	7.71E-04	1.08E-03	9.94E-04	1.13E-03	1.36E-03	1.36E-03	9.63E-04	2.53E-05	5.07E-06	9.18E-07	0.00E+00
Missouri	Stone County	29209	R	Chromium VI	2.14E-04	2.14E-04	2.63E-04	3.69E-04	3.39E-04	3.85E-04	4.65E-04	4.65E-04	3.27E-04	9.70E-06	2.03E-06	3.12E-07	0.00E+00
Missouri	Stone County	29209	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
Missouri	Stone County	29209	R	1,4-Dichlorobenzene	3.12E-03	3.12E-03	3.18E-03	3.27E-03	4.11E-03	3.60E-03	7.41E-03	7.41E-03	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	1,3-Dichloropropene	5.93E-03	5.93E-03	6.19E-03	6.23E-03	8.03E-03	7.01E-03	1.48E-02	1.48E-02	0.00E+00	8.03E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	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	5.93E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Stone County	29209	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	2.17E-07	1.09E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Stone County	29209	R	Ethylene Oxide	5.08E-05	5.08E-05	2.30E-04	2.30E-04	2.41E-04	3.19E-04	3.78E-04	3.78E-04	1.76E-04	6.51E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	Formaldehyde	3.22E-01	3.22E-01	3.28E-01	3.39E-01	3.43E-01	3.40E-01	3.89E-01	3.89E-01	5.57E-03	2.42E-02	3.80E-02	2.57E-02	2.50E-01
Missouri	Stone County	29209	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.33E-05	9.39E-05	9.39E-05	0.00E+00	3.86E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Stone County	29209	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	2.80E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Stone County	29209	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
Missouri	Stone County	29209	R	Hydrazine	2.83E-10	2.83E-10	3.91E-10	4.51E-10	5.70E-10	5.94E-10	1.13E-09	1.13E-09	0.00E+00	5.70E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	Lead Compounds	2.37E-05	2.37E-05	2.43E-05	3.97E-05	1.06E-04	1.03E-04	3.41E-04	3.41E-04	6.66E-05	1.54E-05	0.00E+00	2.44E-05	0.00E+00
Missouri	Stone County	29209	R	Manganese Compounds	1.22E-05	1.22E-05	1.30E-05	6.84E-05	5.93E-05	1.00E-04	1.03E-04	1.03E-04	2.39E-06	5.49E-05	1.59E-06	4.09E-07	0.00E+00
Missouri	Stone County	29209	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	1.94E-08	1.95E-06	9.42E-06	1.59E-06	1.50E-03
Missouri	Stone County	29209	R	Methylene Chloride	1.63E-01	1.63E-01	1.65E-01	1.67E-01	1.79E-01	1.81E-01	2.21E-01	2.21E-01	1.24E-02	1.68E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Stone County	29209	R	Nickel Compounds	1.59E-05	1.59E-05	1.79E-05	1.79E-05	3.58E-05	3.12E-05	9.62E-05	9.62E-05	1.31E-06	2.99E-05	3.83E-06	7.65E-07	0.00E+00
Missouri	Stone County	29209	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.45E-01	1.47E-01	1.49E-01	1.49E-01	2.12E-07	5.47E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Stone County	29209	R	Polychlorinated Biphenyls	4.01E-04	4.01E-04	4.05E-04	4.11E-04	4.25E-04	4.17E-04	4.94E-04	4.94E-04	0.00E+00	4.54E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Stone County	29209	R	Polycyclic Organic Matter	7.80E-03	7.80E-03	8.51E-03	9.02E-03	1.04E-02	9.41E-03	1.72E-02	1.72E-02	1.20E-05	8.12E-03	1.70E-03	5.43E-04	0.00E+00
Missouri	Stone County	29209	R	7-PAH	4.16E-04	4.16E-04	5.49E-04	6.18E-04	6.89E-04	6.50E-04	1.21E-03	1.21E-03	2.08E-09	6.50E-04	1.28E-05	2.67E-05	0.00E+00
Missouri	Stone County	29209	R	Propylene Dichloride	1.11E-06	1.11E-06	2.36E-06	2.43E-06	5.73E-06	5.54E-06	1.72E-05	1.72E-05	0.00E+00	5.73E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	Quinoline	9.31E-09	9.31E-09	1.08E-08	1.21E-08	1.39E-08	1.84E-08	1.88E-08	1.88E-08	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	1,1,2,2-Tetrachloroethane	6.73E-06	6.73E-06	1.32E-05	1.62E-05	4.70E-05	4.50E-05	1.54E-04	1.54E-04	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Stone County	29209	R	Trichloroethylene	8.19E-02	8.19E-02	8.21E-02	8.21E-02	8.23E-02	8.22E-02	8.31E-02	8.31E-02	0.00E+00	1.27E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Stone County	29209	R	Vinyl Chloride	1.70E-05	1.70E-05	3.31E-05	4.06E-05	1.17E-04	1.13E-04	3.80E-04	3.80E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	Acetaldehyde	1.42E-02	1.42E-02	1.42E-02	1.42E-02	1.63E-02	2.03E-02	2.03E-02	2.03E-02	0.00E+00	2.54E-03	7.19E-03	6.53E-03	0.00E+00
Missouri	Sullivan County	29211	R	Acrolein	2.48E-03	2.48E-03	2.48E-03	2.99E-03	3.22E-03	4.19E-03	4.19E-03	4.19E-03	0.00E+00	1.28E-03	1.54E-03	4.00E-04	0.00E+00
Missouri	Sullivan County	29211	R	Acrylonitrile	1.46E-06	1.46E-06	1.46E-06	8.00E-06	6.21E-06	9.18E-06	9.18E-06	9.18E-06	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	Arsenic Compounds	2.98E-06	2.98E-06	2.98E-06	3.29E-06	4.45E-06	7.09E-06	7.09E-06	7.09E-06	0.00E+00	6.15E-07	1.97E-06	1.87E-06	0.00E+00
Missouri	Sullivan County	29211	R	Benzene	5.02E-01	5.02E-01	5.02E-01	5.05E-01	5.13E-01	5.32E-01	5.32E-01	5.32E-01	0.00E+00	9.71E-03	1.97E-02	3.84E-03	4.80E-01
Missouri	Sullivan County	29211	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
Missouri	Sullivan County	29211	R	Beryllium Compounds	1.05E-07	1.05E-07	1.05E-07	1.12E-07	1.56E-07	2.50E-07	2.50E-07	2.50E-07	0.00E+00	1.02E-07	0.00E+00	5.37E-08	0.00E+00
Missouri	Sullivan County	29211	R	1,3-Butadiene	9.34E-04	9.34E-04	9.34E-04	1.00E-03	1.73E-03	3.24E-03	3.24E-03	3.24E-03	0.00E+00	3.11E-04	1.21E-03	2.07E-04	0.00E+00
Missouri	Sullivan County	29211	R	Cadmium Compounds	4.04E-07	4.04E-07	4.04E-07	4.42E-07	8.07E-07	1.57E-06	1.57E-06	1.57E-06	0.00E+00	7.53E-07	0.00E+00	5.31E-08	0.00E+00
Missouri	Sullivan County	29211	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	3.41E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Sullivan County	29211	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	1.09E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Sullivan County	29211	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.34E-02	8.33E-02	8.35E-02	8.35E-02	8.35E-02	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Sullivan County	29211	R	Chromium Compounds (includes Hexavalent)	1.06E-06	1.06E-06	1.06E-06	1.16E-06	1.74E-06	2.99E-06	2.99E-06	2.99E-06	0.00E+00	4.86E-07	1.20E-06	4.93E-08	0.00E+00
Missouri	Sullivan County	29211	R	Chromium VI	4.41E-07	4.41E-07	4.41E-07	4.57E-07	7.08E-07	1.22E-06	1.22E-06	1.22E-06	0.00E+00	2.01E-07	4.89E-07	1.68E-08	0.00E+00
Missouri	Sullivan County	29211	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
Missouri	Sullivan County	29211	R	1,4-Dichlorobenzene	4.90E-04	4.90E-04	4.90E-04	6.36E-04	8.22E-04	1.34E-03	1.34E-03	1.34E-03	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	1,3-Dichloropropene	9.55E-04	9.55E-04	9.55E-04	1.22E-03	1.61E-03	2.66E-03	2.66E-03	2.66E-03	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.98E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Sullivan County	29211	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	4.61E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Sullivan County	29211	R	Ethylene Oxide	6.74E-06	6.74E-06	6.74E-06	1.55E-05	1.78E-05	3.13E-05	3.13E-05	3.13E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	Formaldehyde	2.71E-01	2.71E-01	2.71E-01	2.72E-01	2.76E-01	2.84E-01	2.84E-01	2.84E-01	0.00E+00	5.91E-03	8.89E-03	1.08E-02	2.50E-01
Missouri	Sullivan County	29211	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	1.31E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Sullivan County	29211	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	5.28E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Sullivan County	29211	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
Missouri	Sullivan County	29211	R	Hydrazine	4.50E-14	4.50E-14	4.50E-14	7.66E-12	6.40E-12	1.15E-11	1.15E-11	1.15E-11	0.00E+00	6.40E-12	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	Lead Compounds	8.62E-06	8.62E-06	8.62E-06	1.40E-05	1.32E-05	1.69E-05	1.69E-05	1.69E-05	1.97E-06	6.16E-06	0.00E+00	5.05E-06	0.00E+00
Missouri	Sullivan County	29211	R	Manganese Compounds	9.96E-07	9.96E-07	9.96E-07	1.23E-06	1.84E-06	3.30E-06	3.30E-06	3.30E-06	1.47E-07	1.19E-06	3.51E-07	1.47E-07	0.00E+00
Missouri	Sullivan County	29211	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	2.77E-07	2.34E-06	1.69E-06	1.50E-03
Missouri	Sullivan County	29211	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.56E-01	1.56E-01	1.56E-01	0.00E+00	3.19E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Sullivan County	29211	R	Nickel Compounds	6.35E-06	6.35E-06	6.35E-06	8.08E-06	1.80E-05	3.95E-05	3.95E-05	3.95E-05	0.00E+00	1.68E-05	9.21E-07	2.13E-07	0.00E+00
Missouri	Sullivan County	29211	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Sullivan County	29211	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.84E-04	3.85E-04	3.88E-04	3.95E-04	3.95E-04	3.95E-04	0.00E+00	8.02E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Sullivan County	29211	R	Polycyclic Organic Matter	1.49E-03	1.49E-03	1.49E-03	1.60E-03	2.16E-03	3.41E-03	3.41E-03	3.41E-03	0.00E+00	1.66E-03	4.06E-04	9.39E-05	0.00E+00
Missouri	Sullivan County	29211	R	7-PAH	9.66E-05	9.66E-05	9.66E-05	9.93E-05	1.35E-04	2.09E-04	2.09E-04	2.09E-04	0.00E+00	1.31E-04	2.98E-06	8.94E-07	0.00E+00

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Sullivan County	29211	R	Propylene Dichloride	4.55E-08	4.55E-08	4.55E-08	4.02E-07	2.87E-07	4.13E-07	4.13E-07	4.13E-07	0.00E+00	2.87E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	Quinoline	1.08E-12	1.08E-12	1.08E-12	2.29E-10	1.76E-10	2.99E-10	2.99E-10	2.99E-10	0.00E+00	1.76E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	1,1,2,2-Tetrachloroethane	6.78E-09	6.78E-09	6.78E-09	2.29E-06	1.82E-06	3.17E-06	3.17E-06	3.17E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Sullivan County	29211	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.14E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	4.47E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Sullivan County	29211	R	Vinyl Chloride	3.24E-08	3.24E-08	3.24E-08	5.69E-06	4.52E-06	7.82E-06	7.82E-06	7.82E-06	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	Acetaldehyde	4.44E-02	4.44E-02	4.62E-02	5.77E-02	5.38E-02	6.00E-02	6.05E-02	6.05E-02	7.29E-07	9.66E-03	3.45E-02	9.62E-03	0.00E+00
Missouri	Taney County	29213	R	Acrolein	1.35E-02	1.35E-02	1.68E-02	1.94E-02	1.81E-02	2.02E-02	2.05E-02	2.05E-02	1.61E-07	7.31E-03	7.03E-03	3.76E-03	0.00E+00
Missouri	Taney County	29213	R	Acrylonitrile	1.33E-05	1.33E-05	1.71E-05	2.21E-05	2.60E-05	2.79E-05	4.97E-05	4.97E-05	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	Arsenic Compounds	8.35E-06	8.35E-06	1.37E-05	1.57E-05	1.68E-05	2.23E-05	2.38E-05	2.38E-05	2.00E-07	4.41E-06	9.54E-06	2.62E-06	0.00E+00
Missouri	Taney County	29213	R	Benzene	6.33E-01	6.33E-01	6.58E-01	6.82E-01	6.90E-01	7.28E-01	7.49E-01	7.49E-01	8.34E-07	4.48E-02	9.09E-02	7.44E-02	4.80E-01
Missouri	Taney County	29213	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
Missouri	Taney County	29213	R	Beryllium Compounds	1.99E-07	1.99E-07	3.13E-07	4.01E-07	5.94E-07	7.94E-07	1.26E-06	1.26E-06	1.09E-08	5.80E-07	0.00E+00	3.43E-09	0.00E+00
Missouri	Taney County	29213	R	1,3-Butadiene	9.41E-03	9.41E-03	9.81E-03	1.06E-02	1.19E-02	1.32E-02	1.63E-02	1.63E-02	0.00E+00	1.91E-03	5.79E-03	4.16E-03	0.00E+00
Missouri	Taney County	29213	R	Cadmium Compounds	4.77E-07	4.77E-07	8.97E-07	2.31E-06	1.81E-06	2.49E-06	2.89E-06	2.89E-06	2.79E-08	1.78E-06	0.00E+00	3.39E-09	0.00E+00
Missouri	Taney County	29213	R	Carbon Disulfide	4.73E-02	4.73E-02	4.73E-02	4.74E-02	4.75E-02	4.74E-02	4.80E-02	4.80E-02	8.31E-08	4.78E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Taney County	29213	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	5.72E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Taney County	29213	R	Chloroform	8.58E-02	8.58E-02	8.77E-02	8.81E-02	8.92E-02	9.14E-02	9.31E-02	9.31E-02	2.39E-04	5.99E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Taney County	29213	R	Chromium Compounds (includes Hexavalent)	4.83E-06	4.83E-06	8.09E-06	1.66E-05	1.32E-05	1.80E-05	1.83E-05	1.83E-05	1.37E-07	6.50E-06	5.95E-06	5.83E-07	0.00E+00
Missouri	Taney County	29213	R	Chromium VI	1.98E-06	1.98E-06	3.16E-06	8.43E-06	6.22E-06	8.71E-06	8.82E-06	8.82E-06	1.51E-08	3.60E-06	2.40E-06	1.98E-07	0.00E+00
Missouri	Taney County	29213	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
Missouri	Taney County	29213	R	1,4-Dichlorobenzene	2.18E-03	2.18E-03	3.01E-03	3.59E-03	4.35E-03	5.92E-03	7.06E-03	7.06E-03	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	1,3-Dichloropropene	4.32E-03	4.32E-03	5.82E-03	7.08E-03	8.62E-03	1.18E-02	1.41E-02	1.41E-02	0.00E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	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	8.54E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Taney County	29213	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	2.56E-08	3.30E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Taney County	29213	R	Ethylene Oxide	4.93E-05	4.93E-05	1.43E-04	1.75E-04	2.71E-04	2.51E-04	7.35E-04	7.35E-04	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	Formaldehyde	3.20E-01	3.20E-01	3.27E-01	3.42E-01	3.39E-01	3.50E-01	3.54E-01	3.54E-01	9.79E-06	2.99E-02	4.02E-02	1.85E-02	2.50E-01
Missouri	Taney County	29213	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	0.00E+00	3.12E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Taney County	29213	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.75E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Taney County	29213	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
Missouri	Taney County	29213	R	Hydrazine	1.10E-08	1.10E-08	1.44E-08	1.92E-08	2.54E-08	1.96E-08	6.27E-08	6.27E-08	0.00E+00	2.54E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	Lead Compounds	2.49E-05	2.49E-05	6.46E-05	1.83E-03	1.60E-03	2.18E-03	3.88E-03	3.88E-03	1.49E-03	5.33E-05	0.00E+00	4.92E-05	0.00E+00
Missouri	Taney County	29213	R	Manganese Compounds	5.73E-06	5.73E-06	1.12E-05	5.24E-04	3.99E-04	6.08E-04	8.46E-04	8.46E-04	2.52E-07	3.97E-04	1.92E-06	3.36E-07	0.00E+00
Missouri	Taney County	29213	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.36E-11	2.46E-06	1.11E-05	1.89E-06	1.50E-03
Missouri	Taney County	29213	R	Methylene Chloride	1.57E-01	1.57E-01	1.62E-01	2.12E-01	1.96E-01	2.16E-01	2.33E-01	2.33E-01	2.87E-02	1.74E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Taney County	29213	R	Nickel Compounds	9.46E-06	9.46E-06	1.52E-05	1.76E-05	2.27E-05	3.12E-05	4.02E-05	4.02E-05	1.36E-07	1.75E-05	4.52E-06	5.94E-07	0.00E+00
Missouri	Taney County	29213	R	Perchloroethylene	1.46E-01	1.46E-01	1.47E-01	1.47E-01	1.52E-01	1.51E-01	1.68E-01	1.68E-01	2.64E-08	1.18E-02	0.00E+00	0.00E+00	1.40E-01
Missouri	Taney County	29213	R	Polychlorinated Biphenyls	3.99E-04	3.99E-04	4.06E-04	4.09E-04	4.17E-04	4.28E-04	4.40E-04	4.40E-04	0.00E+00	3.66E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Taney County	29213	R	Polycyclic Organic Matter	6.63E-03	6.63E-03	8.43E-03	9.80E-03	1.02E-02	1.29E-02	1.35E-02	1.35E-02	1.30E-08	7.80E-03	1.98E-03	4.66E-04	0.00E+00
Missouri	Taney County	29213	R	7-PAH	5.22E-04	5.22E-04	6.23E-04	6.90E-04	6.76E-04	7.52E-04	7.90E-04	7.90E-04	2.45E-10	6.46E-04	1.50E-05	1.43E-05	0.00E+00
Missouri	Taney County	29213	R	Propylene Dichloride	1.13E-06	1.13E-06	1.26E-06	1.49E-06	1.76E-06	1.62E-06	3.31E-06	3.31E-06	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	Quinoline	6.80E-08	6.80E-08	6.80E-08	7.63E-08	1.01E-07	8.38E-08	2.09E-07	2.09E-07	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	1,1,2,2-Tetrachloroethane	1.91E-06	1.91E-06	2.63E-06	4.30E-06	3.79E-06	4.69E-06	5.42E-06	5.42E-06	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Taney County	29213	R	Trichloroethylene	8.19E-02	8.19E-02	8.24E-02	8.24E-02	8.35E-02	8.38E-02	8.71E-02	8.71E-02	0.00E+00	2.51E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Taney County	29213	R	Vinyl Chloride	7.22E-06	7.22E-06	8.74E-06	1.37E-05	1.24E-05	1.54E-05	1.68E-05	1.68E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	Acetaldehyde	2.77E-02	2.77E-02	2.86E-02	2.96E-02	3.05E-02	3.24E-02	3.50E-02	3.50E-02	0.00E+00	1.81E-02	1.00E-02	2.37E-03	0.00E+00
Missouri	Texas County	29215	R	Acrolein	4.32E-03	4.32E-03	4.78E-03	5.48E-03	5.36E-03	5.94E-03	6.15E-03	6.15E-03	0.00E+00	3.32E-03	1.80E-03	2.44E-04	0.00E+00
Missouri	Texas County	29215	R	Acrylonitrile	2.41E-06	2.41E-06	4.00E-06	6.15E-06	6.07E-06	8.14E-06	9.57E-06	9.57E-06	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	Arsenic Compounds	2.23E-06	2.23E-06	2.83E-06	3.49E-06	3.27E-06	3.71E-06	3.86E-06	3.86E-06	0.00E+00	2.94E-07	2.35E-06	6.26E-07	0.00E+00
Missouri	Texas County	29215	R	Benzene	5.07E-01	5.07E-01	5.14E-01	5.21E-01	5.18E-01	5.23E-01	5.24E-01	5.24E-01	0.00E+00	1.44E-02	2.16E-02	2.38E-03	4.80E-01
Missouri	Texas County	29215	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
Missouri	Texas County	29215	R	Beryllium Compounds	5.37E-08	5.37E-08	6.45E-08	1.02E-07	2.10E-07	3.55E-07	5.81E-07	5.81E-07	0.00E+00	5.98E-08	0.00E+00	1.50E-07	0.00E+00
Missouri	Texas County	29215	R	1,3-Butadiene	1.79E-03	1.79E-03	2.01E-03	2.31E-03	2.23E-03	2.44E-03	2.50E-03	2.50E-03	0.00E+00	8.42E-04	1.21E-03	1.70E-04	0.00E+00
Missouri	Texas County	29215	R	Cadmium Compounds	1.62E-07	1.62E-07	1.64E-07	1.97E-07	3.23E-07	4.81E-07	7.36E-07	7.36E-07	0.00E+00	1.73E-07	0.00E+00	1.49E-07	0.00E+00
Missouri	Texas County	29215	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	7.05E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Texas County	29215	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.13E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Texas County	29215	R	Chloroform	8.40E-02	8.40E-02	8.43E-02	8.46E-02	8.45E-02	8.48E-02	8.49E-02	8.49E-02	0.00E+00	1.52E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Texas County	29215	R	Chromium Compounds (includes Hexavalent)	1.20E-06	1.20E-06	1.81E-06	2.16E-05	2.13E-05	4.09E-05	4.09E-05	4.09E-05	0.00E+00	1.98E-05	1.43E-06	6.25E-08	0.00E+00
Missouri	Texas County	29215	R	Chromium VI	5.14E-07	5.14E-07	7.43E-07	7.50E-06	7.39E-06	1.40E-05	1.41E-05	1.41E-05	0.00E+00	6.79E-06	5.77E-07	2.13E-08	0.00E+00
Missouri	Texas County	29215	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
Missouri	Texas County	29215	R	1,4-Dichlorobenzene	5.34E-04	5.34E-04	6.94E-04	8.60E-04	8.24E-04	9.55E-04	1.05E-03	1.05E-03	0.00E+00	8.24E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	1,3-Dichloropropene	1.04E-03	1.04E-03	1.36E-03	1.69E-03	1.62E-03	1.88E-03	2.06E-03	2.06E-03	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	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	1.09E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Texas County	29215	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	8.67E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Texas County	29215	R	Ethylene Oxide	7.36E-06	7.36E-06	8.22E-06	1.53E-05	1.56E-05	2.30E-05	2.44E-05	2.44E-05	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Texas County	29215	R	Formaldehyde	2.85E-01	2.85E-01	2.85E-01	2.89E-01	2.89E-01	2.93E-01	2.95E-01	2.95E-01	0.00E+00	2.50E-02	1.04E-02	4.05E-03	2.50E-01
Missouri	Texas County	29215	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	9.77E-08	0.00E+00	0.00E+00	9.30E-05
Missouri	Texas County	29215	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	5.41E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Texas County	29215	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	1.86E-05	1.91E-05	3.82E-05	3.92E-05	3.92E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	Hydrazine	1.44E-10	1.44E-10	1.91E-10	9.63E-10	2.28E-09	4.38E-09	7.07E-09	7.07E-09	0.00E+00	2.28E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	Lead Compounds	8.28E-06	8.28E-06	1.37E-05	2.25E-05	2.05E-05	2.74E-05	2.87E-05	2.87E-05	0.00E+00	3.02E-06	0.00E+00	1.75E-05	0.00E+00
Missouri	Texas County	29215	R	Manganese Compounds	3.44E-06	3.44E-06	6.12E-06	9.18E-06	8.24E-06	1.04E-05	1.12E-05	1.12E-05	8.53E-07	6.87E-06	4.52E-07	6.36E-08	0.00E+00
Missouri	Texas County	29215	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	3.47E-07	2.77E-06	7.20E-07	1.50E-03
Missouri	Texas County	29215	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.54E-01	1.55E-01	1.55E-01	0.00E+00	3.18E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Texas County	29215	R	Nickel Compounds	3.12E-06	3.12E-06	4.04E-06	5.85E-06	6.12E-06	8.19E-06	9.65E-06	9.65E-06	0.00E+00	4.93E-06	1.07E-06	1.11E-07	0.00E+00
Missouri	Texas County	29215	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	0.00E+00	9.85E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Texas County	29215	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.87E-04	3.90E-04	3.90E-04	3.92E-04	3.92E-04	3.92E-04	0.00E+00	9.56E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Texas County	29215	R	Polycyclic Organic Matter	1.90E-03	1.90E-03	2.24E-03	2.64E-03	2.60E-03	2.95E-03	3.20E-03	3.20E-03	0.00E+00	2.06E-03	4.69E-04	6.87E-05	0.00E+00
Missouri	Texas County	29215	R	7-PAH	1.91E-04	1.91E-04	2.15E-04	2.42E-04	2.33E-04	2.50E-04	2.55E-04	2.55E-04	0.00E+00	2.28E-04	3.65E-06	6.89E-07	0.00E+00
Missouri	Texas County	29215	R	Propylene Dichloride	1.70E-07	1.70E-07	2.31E-07	2.95E-07	3.42E-07	4.53E-07	6.09E-07	6.09E-07	0.00E+00	3.42E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	Quinoline	3.72E-09	3.72E-09	5.45E-09	8.44E-09	1.22E-08	1.89E-08	2.82E-08	2.82E-08	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	1,1,2,2-Tetrachloroethane	6.68E-07	6.68E-07	8.61E-07	1.06E-06	1.11E-06	1.36E-06	1.64E-06	1.64E-06	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Texas County	29215	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	2.15E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Texas County	29215	R	Vinyl Chloride	3.50E-06	3.50E-06	4.47E-06	5.99E-06	6.59E-06	8.71E-06	1.09E-05	1.09E-05	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	Acetaldehyde	1.49E-02	1.49E-02	1.77E-02	2.66E-02	4.88E-02	8.72E-02	1.20E-01	1.20E-01	3.19E-06	3.23E-03	3.55E-02	1.01E-02	0.00E+00
Missouri	Vernon County	29217	R	Acrolein	3.50E-03	3.50E-03	3.72E-03	5.23E-03	9.24E-03	1.74E-02	2.04E-02	2.04E-02	2.71E-07	2.43E-03	5.71E-03	1.11E-03	0.00E+00
Missouri	Vernon County	29217	R	Acrylonitrile	3.37E-05	3.37E-05	6.95E-05	1.10E-04	3.27E-04	2.64E-04	1.37E-03	1.37E-03	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	Arsenic Compounds	3.02E-06	3.02E-06	3.56E-06	8.26E-06	1.76E-05	3.31E-05	4.92E-05	4.92E-05	1.20E-06	2.30E-06	1.11E-05	3.00E-06	0.00E+00
Missouri	Vernon County	29217	R	Benzene	5.12E-01	5.12E-01	5.15E-01	5.26E-01	6.59E-01	8.64E-01	1.01E+00	1.01E+00	2.13E-06	2.99E-02	1.34E-01	1.50E-02	4.80E-01
Missouri	Vernon County	29217	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
Missouri	Vernon County	29217	R	Beryllium Compounds	1.10E-07	1.10E-07	2.34E-07	9.07E-07	1.10E-06	2.06E-06	2.37E-06	2.37E-06	6.42E-08	5.55E-07	0.00E+00	4.79E-07	0.00E+00
Missouri	Vernon County	29217	R	1,3-Butadiene	1.15E-03	1.15E-03	1.17E-03	1.65E-03	1.42E-02	3.21E-02	4.74E-02	4.74E-02	0.00E+00	3.57E-04	1.26E-02	1.21E-03	0.00E+00
Missouri	Vernon County	29217	R	Cadmium Compounds	2.52E-07	2.52E-07	4.34E-07	1.62E-06	1.90E-06	3.53E-06	3.94E-06	3.94E-06	2.60E-07	1.16E-06	0.00E+00	4.77E-07	0.00E+00
Missouri	Vernon County	29217	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.73E-02	4.76E-02	4.77E-02	4.77E-02	1.71E-07	2.53E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Vernon County	29217	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.00E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Vernon County	29217	R	Chloroform	8.34E-02	8.34E-02	8.35E-02	8.37E-02	8.55E-02	8.84E-02	9.02E-02	9.02E-02	0.00E+00	2.50E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Vernon County	29217	R	Chromium Compounds (includes Hexavalent)	1.14E-05	1.14E-05	2.59E-05	3.04E-05	3.22E-05	4.36E-05	5.18E-05	5.18E-05	1.64E-05	7.77E-06	7.77E-06	2.63E-07	0.00E+00
Missouri	Vernon County	29217	R	Chromium VI	6.42E-06	6.42E-06	7.30E-06	1.62E-05	1.51E-05	2.02E-05	2.40E-05	2.40E-05	5.18E-06	6.72E-06	3.08E-06	8.95E-08	0.00E+00
Missouri	Vernon County	29217	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
Missouri	Vernon County	29217	R	1,4-Dichlorobenzene	7.62E-04	7.62E-04	9.04E-04	1.17E-03	4.77E-03	1.00E-02	1.46E-02	1.46E-02	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	1,3-Dichloropropene	1.48E-03	1.48E-03	1.75E-03	2.29E-03	9.61E-03	2.04E-02	2.95E-02	2.95E-02	0.00E+00	9.61E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	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	1.60E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	Vernon County	29217	R	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	5.26E-08	3.94E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	Vernon County	29217	R	Ethylene Oxide	1.36E-05	1.36E-05	1.67E-05	4.04E-05	2.19E-04	5.58E-04	6.44E-04	6.44E-04	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	Formaldehyde	2.73E-01	2.73E-01	2.80E-01	2.87E-01	3.31E-01	4.04E-01	4.57E-01	4.57E-01	1.46E-04	1.02E-02	5.34E-02	1.76E-02	2.50E-01
Missouri	Vernon County	29217	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.38E-05	9.39E-05	9.39E-05	0.00E+00	3.45E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Vernon County	29217	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.34E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Vernon County	29217	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
Missouri	Vernon County	29217	R	Hydrazine	2.11E-12	2.11E-12	3.17E-12	6.22E-12	1.63E-11	1.07E-11	6.91E-11	6.91E-11	0.00E+00	1.63E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	Lead Compounds	2.41E-05	2.41E-05	4.08E-05	5.01E-05	1.74E-04	2.61E-04	6.18E-04	6.18E-04	1.57E-06	1.22E-04	0.00E+00	5.04E-05	0.00E+00
Missouri	Vernon County	29217	R	Manganese Compounds	1.61E-06	1.61E-06	2.40E-06	9.93E-06	1.28E-05	2.47E-05	2.80E-05	2.80E-05	4.72E-06	5.20E-06	2.54E-06	2.91E-07	0.00E+00
Missouri	Vernon County	29217	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.54E-03	1.55E-03	1.55E-03	1.76E-09	3.82E-06	1.22E-05	3.08E-06	1.50E-03
Missouri	Vernon County	29217	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.58E-01	1.77E-01	2.07E-01	2.34E-01	2.34E-01	3.49E-07	2.73E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Vernon County	29217	R	Nickel Compounds	1.15E-05	1.15E-05	2.13E-05	2.56E-05	6.12E-05	9.03E-05	1.93E-04	1.93E-04	1.84E-06	5.30E-05	5.85E-06	4.95E-07	0.00E+00
Missouri	Vernon County	29217	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.45E-01	1.50E-01	1.56E-01	1.56E-01	5.18E-08	5.38E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Vernon County	29217	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.86E-04	3.87E-04	4.15E-04	4.62E-04	4.85E-04	4.85E-04	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Vernon County	29217	R	Polycyclic Organic Matter	1.98E-03	1.98E-03	2.27E-03	2.75E-03	8.63E-03	1.76E-02	2.45E-02	2.45E-02	2.40E-05	5.71E-03	2.62E-03	2.78E-04	0.00E+00
Missouri	Vernon County	29217	R	7-PAH	1.26E-04	1.26E-04	1.38E-04	1.49E-04	3.52E-04	6.91E-04	8.60E-04	8.60E-04	5.24E-10	3.32E-04	1.73E-05	3.35E-06	0.00E+00
Missouri	Vernon County	29217	R	Propylene Dichloride	1.39E-06	1.39E-06	3.23E-06	4.38E-06	1.78E-05	1.32E-05	8.03E-05	8.03E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	Quinoline	6.03E-11	6.03E-11	7.60E-11	1.38E-10	4.62E-10	2.02E-10	2.16E-09	2.16E-09	0.00E+00	4.62E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	1,1,2,2-Tetrachloroethane	1.30E-05	1.30E-05	2.96E-05	4.15E-05	1.60E-04	1.10E-04	7.25E-04	7.25E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Vernon County	29217	R	Trichloroethylene	8.19E-02	8.19E-02	8.20E-02	8.53E-02	8.81E-02	9.38E-02	1.00E-01	1.00E-01	0.00E+00	7.09E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Vernon County	29217	R	Vinyl Chloride	4.14E-05	4.14E-05	8.60E-05	1.36E-04	4.16E-04	2.92E-04	1.81E-03	1.81E-03	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	Acetaldehyde	8.36E-02	8.36E-02	8.83E-02	1.23E-01	1.22E-01	1.55E-01	1.58E-01	1.58E-01	6.25E-06	4.88E-03	9.65E-02	2.02E-02	0.00E+00
Missouri	Warren County	29219	U	Acrolein	1.54E-02	1.54E-02	1.63E-02	2.07E-02	2.05E-02	2.46E-02	2.50E-02	2.50E-02	2.06E-06	5.23E-03	1.25E-02	2.75E-03	0.00E+00
Missouri	Warren County	29219	U	Acrylonitrile	4.86E-05	4.86E-05	5.61E-05	6.37E-05	8.64E-05	1.17E-04	1.69E-04	1.69E-04	1.71E-05	6.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	Arsenic Compounds	1.63E-05	1.63E-05	1.87E-05	2.64E-05	2.58E-05	3.28E-05	3.39E-05	3.39E-05	3.10E-06	2.90E-06	1.57E-05	4.10E-06	0.00E+00
Missouri	Warren County	29219	U	Benzene	6.36E-01	6.36E-01	6.48E-01	7.13E-01	7.16E-01	7.85E-01	8.04E-01	8.04E-01	7.90E-05	5.76E-02	1.43E-01	3.54E-02	4.80E-01
Missouri	Warren County	29219	U	Benzidine	0.00E+00	0.00E+00	2.61E-10	6.71E-10	6.29E-10	9.96E-10	1.17E-09	1.17E-09	6.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Warren County	29219	U	Beryllium Compounds	7.85E-07	7.85E-07	7.94E-07	1.12E-06	1.17E-06	1.55E-06	1.67E-06	1.67E-06	1.62E-07	4.65E-07	0.00E+00	5.45E-07	0.00E+00
Missouri	Warren County	29219	U	1,3-Butadiene	5.42E-03	5.42E-03	7.46E-03	1.18E-02	1.20E-02	1.65E-02	1.87E-02	1.87E-02	2.98E-08	1.24E-03	8.69E-03	2.03E-03	0.00E+00
Missouri	Warren County	29219	U	Cadmium Compounds	1.50E-06	1.50E-06	1.52E-06	2.04E-06	2.09E-06	2.67E-06	2.79E-06	2.79E-06	4.00E-07	1.11E-06	0.00E+00	5.80E-07	0.00E+00
Missouri	Warren County	29219	U	Carbon Disulfide	4.72E-02	4.72E-02	4.73E-02	4.74E-02	4.74E-02	4.75E-02	4.75E-02	4.75E-02	1.11E-04	2.74E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Warren County	29219	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	3.08E-08	7.43E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Warren County	29219	U	Chloroform	8.48E-02	8.48E-02	8.50E-02	8.60E-02	8.61E-02	8.71E-02	8.74E-02	8.74E-02	1.79E-07	3.07E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Warren County	29219	U	Chromium Compounds (includes Hexavalent)	2.44E-05	2.44E-05	2.75E-05	3.66E-05	3.54E-05	4.32E-05	4.38E-05	4.38E-05	8.48E-06	1.62E-05	1.01E-05	6.40E-07	0.00E+00
Missouri	Warren County	29219	U	Chromium VI	1.03E-05	1.03E-05	1.32E-05	1.79E-05	1.77E-05	2.22E-05	2.48E-05	2.48E-05	1.16E-06	1.24E-05	3.98E-06	2.18E-07	0.00E+00
Missouri	Warren County	29219	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
Missouri	Warren County	29219	U	1,4-Dichlorobenzene	3.72E-03	3.72E-03	3.98E-03	5.83E-03	6.36E-03	8.74E-03	1.01E-02	1.01E-02	1.55E-06	6.36E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	1,3-Dichloropropene	7.19E-03	7.19E-03	7.60E-03	1.11E-02	1.23E-02	1.71E-02	2.00E-02	2.00E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	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	9.41E-09	3.39E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Warren County	29219	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	2.38E-06	7.52E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Warren County	29219	U	Ethylene Oxide	3.69E-05	3.69E-05	4.66E-05	5.80E-05	6.30E-05	7.94E-05	9.91E-05	9.91E-05	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	Formaldehyde	3.55E-01	3.55E-01	3.58E-01	3.93E-01	3.98E-01	4.38E-01	4.51E-01	4.51E-01	1.57E-06	1.94E-02	9.33E-02	3.53E-02	2.50E-01
Missouri	Warren County	29219	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	9.36E-05	9.38E-05	9.38E-05	0.00E+00	4.30E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Warren County	29219	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	3.55E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Warren County	29219	U	Hexamethylene Diisocyanate	1.19E-09	1.19E-09	1.29E-09	1.85E-09	4.65E-07	9.29E-07	1.86E-06	1.86E-06	1.50E-09	4.64E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	Hydrazine	3.10E-10	3.10E-10	3.46E-10	4.44E-10	4.84E-10	6.22E-10	7.39E-10	7.39E-10	0.00E+00	4.84E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	Lead Compounds	2.99E-05	2.99E-05	1.13E-04	2.18E-04	1.79E-04	2.46E-04	2.52E-04	2.52E-04	3.31E-06	3.58E-05	0.00E+00	1.40E-04	0.00E+00
Missouri	Warren County	29219	U	Manganese Compounds	8.27E-05	8.27E-05	9.48E-05	1.17E-04	1.24E-04	1.54E-04	1.82E-04	1.82E-04	8.17E-05	3.88E-05	3.19E-06	7.83E-07	0.00E+00
Missouri	Warren County	29219	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	2.13E-07	1.78E-06	1.80E-05	4.08E-06	1.50E-03
Missouri	Warren County	29219	U	Methylene Chloride	1.71E-01	1.71E-01	1.72E-01	1.78E-01	1.79E-01	1.85E-01	1.88E-01	1.88E-01	6.76E-05	2.87E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Warren County	29219	U	Nickel Compounds	6.55E-05	6.55E-05	6.71E-05	7.93E-05	8.31E-05	9.91E-05	1.08E-04	1.08E-04	8.27E-06	5.82E-05	7.60E-06	9.03E-06	0.00E+00
Missouri	Warren County	29219	U	Perchloroethylene	1.45E-01	1.45E-01	1.46E-01	1.49E-01	1.49E-01	1.52E-01	1.52E-01	1.52E-01	3.02E-05	8.87E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Warren County	29219	U	Polychlorinated Biphenyls	4.02E-04	4.02E-04	4.06E-04	4.19E-04	4.27E-04	4.48E-04	4.66E-04	4.66E-04	0.00E+00	4.67E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Warren County	29219	U	Polycyclic Organic Matter	1.06E-02	1.06E-02	1.13E-02	1.49E-02	1.54E-02	1.96E-02	2.15E-02	2.15E-02	5.28E-04	1.11E-02	3.28E-03	5.49E-04	0.00E+00
Missouri	Warren County	29219	U	7-PAH	5.28E-04	5.28E-04	5.63E-04	6.87E-04	7.67E-04	9.70E-04	1.17E-03	1.17E-03	3.21E-09	7.32E-04	2.50E-05	9.72E-06	0.00E+00
Missouri	Warren County	29219	U	Propylene Dichloride	2.38E-06	2.38E-06	2.67E-06	3.27E-06	4.62E-06	6.57E-06	9.56E-06	9.56E-06	1.02E-06	3.60E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	Quinoline	9.16E-09	9.16E-09	1.01E-08	1.25E-08	1.29E-08	1.58E-08	1.75E-08	1.75E-08	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	1,1,2,2-Tetrachloroethane	1.37E-05	1.37E-05	1.45E-05	1.99E-05	3.24E-05	5.02E-05	7.61E-05	7.61E-05	9.33E-06	2.30E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Warren County	29219	U	Trichloroethylene	9.95E-02	9.95E-02	1.05E-01	1.12E-01	1.10E-01	1.15E-01	1.15E-01	1.15E-01	5.87E-03	2.29E-02	0.00E+00	0.00E+00	8.10E-02
Missouri	Warren County	29219	U	Vinyl Chloride	4.57E-05	4.57E-05	4.94E-05	6.79E-05	9.67E-05	1.44E-04	2.05E-04	2.05E-04	2.30E-05	7.37E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	Acetaldehyde	1.96E-02	1.96E-02	3.29E-02	4.47E-02	4.71E-02	6.26E-02	7.59E-02	7.59E-02	1.72E-05	4.68E-03	3.97E-02	2.75E-03	0.00E+00
Missouri	Washington County	29221	R	Acrolein	8.38E-03	8.38E-03	1.03E-02	1.52E-02	1.45E-02	1.89E-02	1.95E-02	1.95E-02	2.51E-04	6.27E-03	7.15E-03	7.87E-04	0.00E+00
Missouri	Washington County	29221	R	Acrylonitrile	3.10E-05	3.10E-05	4.29E-05	1.23E-04	1.18E-04	1.37E-04	2.54E-04	2.54E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	Arsenic Compounds	6.52E-06	6.52E-06	1.49E-05	3.74E-04	5.48E-04	8.96E-04	1.45E-03	1.45E-03	5.37E-04	1.06E-06	9.14E-06	7.79E-07	0.00E+00
Missouri	Washington County	29221	R	Benzene	5.33E-01	5.33E-01	5.50E-01	6.13E-01	6.27E-01	6.41E-01	7.98E-01	7.98E-01	7.59E-05	4.78E-02	8.84E-02	1.07E-02	4.80E-01
Missouri	Washington County	29221	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
Missouri	Washington County	29221	R	Beryllium Compounds	9.10E-08	9.10E-08	1.54E-07	3.41E-07	3.76E-07	4.24E-07	8.70E-07	8.70E-07	4.39E-08	2.62E-07	0.00E+00	7.02E-08	0.00E+00
Missouri	Washington County	29221	R	1,3-Butadiene	2.47E-03	2.47E-03	2.75E-03	6.25E-03	7.56E-03	7.74E-03	1.86E-02	1.86E-02	2.49E-05	1.44E-03	5.44E-03	6.53E-04	0.00E+00
Missouri	Washington County	29221	R	Cadmium Compounds	4.28E-06	4.28E-06	1.89E-05	2.29E-05	3.67E-05	5.32E-05	8.45E-05	8.45E-05	3.61E-05	5.80E-07	0.00E+00	7.58E-08	0.00E+00
Missouri	Washington County	29221	R	Carbon Disulfide	4.72E-02	4.72E-02	4.72E-02	4.77E-02	4.77E-02	4.78E-02	4.85E-02	4.85E-02	8.94E-05	5.67E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Washington County	29221	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.03E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Washington County	29221	R	Chloroform	8.35E-02	8.35E-02	8.36E-02	8.42E-02	8.42E-02	8.45E-02	8.54E-02	8.54E-02	0.00E+00	1.22E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Washington County	29221	R	Chromium Compounds (includes Hexavalent)	3.05E-06	3.05E-06	4.45E-06	9.70E-06	1.09E-05	1.81E-05	1.90E-05	1.90E-05	2.73E-06	2.28E-06	5.70E-06	1.59E-07	0.00E+00
Missouri	Washington County	29221	R	Chromium VI	8.97E-07	8.97E-07	1.62E-06	2.79E-06	3.10E-06	3.96E-06	6.24E-06	6.24E-06	2.37E-07	5.22E-07	2.29E-06	5.41E-08	0.00E+00
Missouri	Washington County	29221	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
Missouri	Washington County	29221	R	1,4-Dichlorobenzene	1.23E-03	1.23E-03	1.63E-03	3.83E-03	4.22E-03	4.25E-03	1.02E-02	1.02E-02	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	1,3-Dichloropropene	2.36E-03	2.36E-03	3.01E-03	7.56E-03	8.30E-03	8.21E-03	2.04E-02	2.04E-02	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	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	5.05E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Washington County	29221	R	Ethylene Dichloride	6.14E-02	6.14E-02	6.14E-02	6.20E-02	6.21E-02	6.22E-02	6.37E-02	6.37E-02	9.13E-08	1.12E-03	0.00E+00	0.00E+00	6.10E-02
Missouri	Washington County	29221	R	Ethylene Oxide	1.61E-05	1.61E-05	1.69E-05	4.59E-05	1.21E-04	5.90E-05	4.67E-04	4.67E-04	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	Formaldehyde	2.87E-01	2.87E-01	3.00E-01	3.19E-01	3.24E-01	3.45E-01	3.67E-01	3.67E-01	3.32E-06	2.31E-02	4.54E-02	5.18E-03	2.50E-01
Missouri	Washington County	29221	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.34E-05	9.33E-05	9.45E-05	9.45E-05	0.00E+00	4.38E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Washington County	29221	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	4.41E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Washington County	29221	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	6.61E-07	5.64E-07	1.01E-06	1.15E-06	1.15E-06	0.00E+00	5.64E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	Hydrazine	3.28E-11	3.28E-11	1.39E-10	1.55E-10	1.59E-10	1.69E-10	2.99E-10	2.99E-10	0.00E+00	1.59E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	Lead Compounds	6.82E-03	6.82E-03	1.26E-02	1.99E-02	2.03E-02	2.65E-02	3.55E-02	3.55E-02	2.02E-02	7.00E-05	0.00E+00	1.47E-05	0.00E+00
Missouri	Washington County	29221	R	Manganese Compounds	2.24E-06	2.24E-06	3.34E-06	1.18E-05	1.20E-05	2.08E-05	2.17E-05	2.17E-05	7.36E-06	2.62E-06	1.86E-06	1.55E-07	0.00E+00
Missouri	Washington County	29221	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.54E-03	1.54E-03	3.35E-10	2.96E-06	1.07E-05	7.14E-07	1.50E-03
Missouri	Washington County	29221	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.65E-01	1.75E-01	1.68E-01	2.31E-01	2.31E-01	3.79E-06	2.54E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Washington County	29221	R	Nickel Compounds	7.08E-06	7.08E-06	2.81E-05	2.04E-03	2.95E-03	4.81E-03	7.88E-03	7.88E-03	2.94E-03	1.07E-05	4.28E-06	1.63E-06	0.00E+00
Missouri	Washington County	29221	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.45E-01	1.47E-01	1.48E-01	1.48E-01	8.85E-08	4.93E-03	0.00E+00	0.00E+00	1.40E-01

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Washington County	29221	R	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.90E-04	4.11E-04	4.33E-04	4.14E-04	5.60E-04	5.60E-04	0.00E+00	5.28E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Washington County	29221	R	Polycyclic Organic Matter	3.40E-03	3.40E-03	4.75E-03	8.69E-03	9.15E-03	1.05E-02	1.84E-02	1.84E-02	4.17E-08	7.11E-03	1.91E-03	1.30E-04	0.00E+00
Missouri	Washington County	29221	R	7-PAH	3.06E-04	3.06E-04	3.55E-04	5.77E-04	6.29E-04	7.02E-04	1.21E-03	1.21E-03	8.51E-10	6.13E-04	1.41E-05	2.29E-06	0.00E+00
Missouri	Washington County	29221	R	Propylene Dichloride	1.69E-06	1.69E-06	2.13E-06	4.69E-06	6.27E-06	7.64E-06	1.52E-05	1.52E-05	0.00E+00	6.27E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	Quinoline	1.03E-09	1.03E-09	4.41E-09	4.83E-09	4.68E-09	5.01E-09	8.09E-09	8.09E-09	0.00E+00	4.68E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	1,1,2,2-Tetrachloroethane	1.19E-05	1.19E-05	1.22E-05	1.64E-05	4.69E-05	5.82E-05	1.36E-04	1.36E-04	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Washington County	29221	R	Trichloroethylene	8.13E-02	8.13E-02	8.17E-02	8.24E-02	8.29E-02	8.28E-02	8.64E-02	8.64E-02	0.00E+00	1.92E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Washington County	29221	R	Vinyl Chloride	3.56E-05	3.56E-05	4.08E-05	4.72E-05	1.26E-04	1.63E-04	3.43E-04	3.43E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	Acetaldehyde	2.70E-02	2.70E-02	2.78E-02	2.95E-02	3.13E-02	3.48E-02	3.92E-02	3.92E-02	6.48E-05	1.23E-02	1.51E-02	3.79E-03	0.00E+00
Missouri	Wayne County	29223	R	Acrolein	1.05E-02	1.05E-02	1.07E-02	1.14E-02	1.14E-02	1.21E-02	1.23E-02	1.23E-02	5.09E-04	7.16E-03	2.85E-03	8.88E-04	0.00E+00
Missouri	Wayne County	29223	R	Acrylonitrile	1.27E-05	1.27E-05	1.42E-05	2.64E-05	2.69E-05	3.96E-05	4.20E-05	4.20E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	Arsenic Compounds	3.84E-06	3.84E-06	4.05E-06	5.46E-04	9.11E-04	1.82E-03	2.55E-03	2.55E-03	9.07E-04	3.52E-07	3.37E-06	7.40E-07	0.00E+00
Missouri	Wayne County	29223	R	Benzene	5.50E-01	5.50E-01	5.52E-01	5.54E-01	5.55E-01	5.58E-01	5.62E-01	5.62E-01	1.55E-04	2.68E-02	3.32E-02	1.50E-02	4.80E-01
Missouri	Wayne County	29223	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
Missouri	Wayne County	29223	R	Beryllium Compounds	1.10E-07	1.10E-07	1.14E-07	1.33E-07	1.39E-07	1.64E-07	1.80E-07	1.80E-07	0.00E+00	8.19E-08	0.00E+00	5.71E-08	0.00E+00
Missouri	Wayne County	29223	R	1,3-Butadiene	3.63E-03	3.63E-03	3.71E-03	3.88E-03	4.14E-03	4.58E-03	5.18E-03	5.18E-03	7.44E-05	1.60E-03	1.77E-03	6.99E-04	0.00E+00
Missouri	Wayne County	29223	R	Cadmium Compounds	2.33E-07	2.33E-07	2.53E-07	2.15E-05	3.57E-05	7.12E-05	9.98E-05	9.98E-05	3.55E-05	2.19E-07	0.00E+00	5.67E-08	0.00E+00
Missouri	Wayne County	29223	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.75E-02	4.76E-02	4.76E-02	1.89E-04	7.83E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Wayne County	29223	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	1.91E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Wayne County	29223	R	Chloroform	8.38E-02	8.38E-02	8.38E-02	8.38E-02	8.40E-02	8.42E-02	8.45E-02	8.45E-02	0.00E+00	1.01E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Wayne County	29223	R	Chromium Compounds (includes Hexavalent)	2.42E-06	2.42E-06	2.81E-06	3.31E-06	8.15E-06	1.35E-05	2.36E-05	2.36E-05	0.00E+00	5.94E-06	2.07E-06	1.38E-07	0.00E+00
Missouri	Wayne County	29223	R	Chromium VI	9.59E-07	9.59E-07	1.14E-06	1.32E-06	2.94E-06	4.75E-06	8.17E-06	8.17E-06	0.00E+00	2.06E-06	8.39E-07	4.69E-08	0.00E+00
Missouri	Wayne County	29223	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
Missouri	Wayne County	29223	R	1,4-Dichlorobenzene	1.04E-03	1.04E-03	1.11E-03	1.19E-03	1.31E-03	1.52E-03	1.84E-03	1.84E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	1,3-Dichloropropene	2.01E-03	2.01E-03	2.14E-03	2.27E-03	2.56E-03	2.98E-03	3.67E-03	3.67E-03	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	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	1.64E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Wayne County	29223	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	2.78E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Wayne County	29223	R	Ethylene Oxide	8.52E-06	8.52E-06	9.88E-06	1.80E-05	1.93E-05	2.87E-05	3.26E-05	3.26E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	Formaldehyde	2.99E-01	2.99E-01	3.00E-01	3.03E-01	3.05E-01	3.09E-01	3.14E-01	3.14E-01	7.42E-06	3.31E-02	1.58E-02	5.72E-03	2.50E-01
Missouri	Wayne County	29223	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	1.37E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Wayne County	29223	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	9.57E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Wayne County	29223	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
Missouri	Wayne County	29223	R	Hydrazine	8.60E-11	8.60E-11	1.10E-10	1.38E-10	1.57E-10	2.03E-10	2.64E-10	2.64E-10	0.00E+00	1.57E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	Lead Compounds	8.25E-06	8.25E-06	1.60E-05	7.95E-03	1.37E-02	2.74E-02	3.89E-02	3.89E-02	1.35E-02	2.07E-04	0.00E+00	7.65E-06	0.00E+00
Missouri	Wayne County	29223	R	Manganese Compounds	1.63E-06	1.63E-06	3.95E-06	9.72E-06	1.19E-05	1.99E-05	2.65E-05	2.65E-05	8.89E-06	2.28E-06	6.52E-07	8.91E-08	0.00E+00
Missouri	Wayne County	29223	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	4.15E-07	3.88E-06	6.55E-07	1.50E-03
Missouri	Wayne County	29223	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.55E-01	1.58E-01	1.61E-01	1.67E-01	1.67E-01	6.90E-06	7.58E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Wayne County	29223	R	Nickel Compounds	5.37E-06	5.37E-06	5.65E-06	2.97E-03	4.97E-03	9.93E-03	1.39E-02	1.39E-02	4.96E-03	5.68E-06	1.56E-06	1.52E-07	0.00E+00
Missouri	Wayne County	29223	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	8.40E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Wayne County	29223	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.89E-04	3.91E-04	3.95E-04	4.02E-04	4.12E-04	4.12E-04	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Wayne County	29223	R	Polycyclic Organic Matter	3.94E-03	3.94E-03	3.97E-03	4.01E-03	4.23E-03	4.49E-03	4.96E-03	4.96E-03	0.00E+00	3.44E-03	6.85E-04	1.02E-04	0.00E+00
Missouri	Wayne County	29223	R	7-PAH	3.87E-04	3.87E-04	4.04E-04	4.37E-04	4.29E-04	4.55E-04	4.56E-04	4.56E-04	0.00E+00	4.20E-04	5.16E-06	3.70E-06	0.00E+00
Missouri	Wayne County	29223	R	Propylene Dichloride	4.91E-07	4.91E-07	6.83E-07	1.53E-06	1.50E-06	2.31E-06	2.43E-06	2.43E-06	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	Quinoline	3.58E-09	3.58E-09	4.29E-09	5.32E-09	5.16E-09	6.03E-09	6.42E-09	6.42E-09	0.00E+00	5.16E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	1,1,2,2-Tetrachloroethane	1.36E-06	1.36E-06	3.82E-06	1.25E-05	1.18E-05	1.98E-05	2.08E-05	2.08E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Wayne County	29223	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.15E-02	8.17E-02	8.17E-02	0.00E+00	3.96E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Wayne County	29223	R	Vinyl Chloride	3.55E-06	3.55E-06	9.86E-06	3.12E-05	2.93E-05	4.88E-05	5.13E-05	5.13E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	Acetaldehyde	3.91E-02	3.91E-02	4.13E-02	4.46E-02	4.81E-02	5.49E-02	6.41E-02	6.41E-02	1.06E-05	5.63E-03	3.61E-02	6.37E-03	0.00E+00
Missouri	Webster County	29225	U	Acrolein	9.84E-03	9.84E-03	1.01E-02	1.08E-02	1.14E-02	1.28E-02	1.44E-02	1.44E-02	1.49E-06	3.55E-03	6.91E-03	9.79E-04	0.00E+00
Missouri	Webster County	29225	U	Acrylonitrile	2.42E-05	2.42E-05	2.75E-05	3.43E-05	3.74E-05	4.73E-05	5.68E-05	5.68E-05	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	Arsenic Compounds	1.19E-05	1.19E-05	1.19E-05	1.22E-05	1.32E-05	1.44E-05	1.64E-05	1.64E-05	2.27E-06	1.10E-06	8.32E-06	1.46E-06	0.00E+00
Missouri	Webster County	29225	U	Benzene	5.70E-01	5.70E-01	5.75E-01	5.92E-01	6.04E-01	6.32E-01	6.60E-01	6.60E-01	8.60E-06	3.30E-02	8.32E-02	7.36E-03	4.80E-01
Missouri	Webster County	29225	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
Missouri	Webster County	29225	U	Beryllium Compounds	1.07E-06	1.07E-06	1.18E-06	1.55E-06	1.70E-06	2.22E-06	2.62E-06	2.62E-06	1.21E-07	2.68E-07	0.00E+00	1.31E-06	0.00E+00
Missouri	Webster County	29225	U	1,3-Butadiene	2.92E-03	2.92E-03	3.83E-03	5.53E-03	5.89E-03	7.95E-03	9.57E-03	9.57E-03	0.00E+00	7.03E-04	4.56E-03	6.24E-04	0.00E+00
Missouri	Webster County	29225	U	Cadmium Compounds	1.32E-06	1.32E-06	1.62E-06	2.16E-06	2.19E-06	2.76E-06	3.14E-06	3.14E-06	3.02E-07	5.87E-07	0.00E+00	1.30E-06	0.00E+00
Missouri	Webster County	29225	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.75E-02	4.76E-02	4.76E-02	8.52E-07	3.00E-04	0.00E+00	0.00E+00	4.70E-02
Missouri	Webster County	29225	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	5.29E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Webster County	29225	U	Chloroform	8.46E-02	8.46E-02	8.47E-02	8.49E-02	8.52E-02	8.58E-02	8.66E-02	8.66E-02	0.00E+00	2.24E-03	0.00E+00	0.00E+00	8.30E-02
Missouri	Webster County	29225	U	Chromium Compounds (includes Hexavalent)	1.24E-04	1.24E-04	1.92E-04	3.09E-04	7.35E-04	1.28E-03	2.20E-03	2.20E-03	6.18E-04	1.12E-04	5.34E-06	3.89E-07	0.00E+00
Missouri	Webster County	29225	U	Chromium VI	5.55E-05	5.55E-05	8.99E-05	1.38E-04	2.75E-04	4.60E-04	7.67E-04	7.67E-04	2.10E-04	6.28E-05	2.13E-06	1.32E-07	0.00E+00
Missouri	Webster County	29225	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
Missouri	Webster County	29225	U	1,4-Dichlorobenzene	2.50E-03	2.50E-03	2.56E-03	2.63E-03	3.26E-03	3.96E-03	5.28E-03	5.28E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	1,3-Dichloropropene	4.86E-03	4.86E-03	4.98E-03	5.12E-03	6.41E-03	7.85E-03	1.05E-02	1.05E-02	0.00E+00	6.41E-03	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Webster County	29225	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	4.72E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Webster County	29225	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	2.62E-07	4.35E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Webster County	29225	U	Ethylene Oxide	2.17E-05	2.17E-05	2.53E-05	3.86E-05	4.27E-05	6.01E-05	7.18E-05	7.18E-05	1.05E-05	3.21E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	Formaldehyde	3.02E-01	3.02E-01	3.03E-01	3.08E-01	3.14E-01	3.24E-01	3.37E-01	3.37E-01	1.23E-05	1.38E-02	3.78E-02	1.20E-02	2.50E-01
Missouri	Webster County	29225	U	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.36E-05	9.36E-05	0.00E+00	2.97E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Webster County	29225	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	2.68E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Webster County	29225	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
Missouri	Webster County	29225	U	Hydrazine	2.86E-10	2.86E-10	1.08E-09	3.95E-09	1.09E-08	2.08E-08	3.56E-08	3.56E-08	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	Lead Compounds	4.15E-05	4.15E-05	4.43E-05	6.59E-05	8.07E-05	1.17E-04	1.50E-04	1.50E-04	3.55E-06	4.92E-05	0.00E+00	2.80E-05	0.00E+00
Missouri	Webster County	29225	U	Manganese Compounds	2.79E-04	2.79E-04	3.95E-04	5.34E-04	9.19E-04	1.44E-03	2.33E-03	2.33E-03	6.15E-04	3.03E-04	1.68E-06	2.35E-07	0.00E+00
Missouri	Webster County	29225	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	9.01E-11	7.83E-07	9.54E-06	2.72E-06	1.50E-03
Missouri	Webster County	29225	U	Methylene Chloride	1.75E-01	1.75E-01	1.82E-01	1.96E-01	1.98E-01	2.15E-01	2.28E-01	2.28E-01	3.19E-02	1.65E-02	0.00E+00	0.00E+00	1.50E-01
Missouri	Webster County	29225	U	Nickel Compounds	1.21E-04	1.21E-04	1.84E-04	3.03E-04	7.26E-04	1.27E-03	2.18E-03	2.18E-03	6.05E-04	1.16E-04	4.00E-06	5.19E-07	0.00E+00
Missouri	Webster County	29225	U	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	2.60E-07	2.92E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Webster County	29225	U	Polychlorinated Biphenyls	3.95E-04	3.95E-04	3.98E-04	4.06E-04	4.13E-04	4.27E-04	4.44E-04	4.44E-04	0.00E+00	3.26E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Webster County	29225	U	Polycyclic Organic Matter	6.49E-03	6.49E-03	6.54E-03	6.84E-03	8.05E-03	9.55E-03	1.20E-02	1.20E-02	1.49E-07	5.94E-03	1.76E-03	3.44E-04	0.00E+00
Missouri	Webster County	29225	U	7-PAH	3.55E-04	3.55E-04	3.61E-04	3.85E-04	4.54E-04	5.47E-04	6.92E-04	6.92E-04	2.52E-09	4.37E-04	1.33E-05	3.60E-06	0.00E+00
Missouri	Webster County	29225	U	Propylene Dichloride	1.36E-06	1.36E-06	1.46E-06	1.82E-06	2.07E-06	2.69E-06	3.28E-06	3.28E-06	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	Quinoline	5.84E-09	5.84E-09	1.09E-08	3.01E-08	4.56E-08	8.03E-08	1.16E-07	1.16E-07	0.00E+00	4.56E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	1,1,2,2-Tetrachloroethane	4.75E-06	4.75E-06	7.35E-06	1.10E-05	1.03E-05	1.33E-05	1.45E-05	1.45E-05	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Webster County	29225	U	Trichloroethylene	8.17E-02	8.17E-02	8.17E-02	8.18E-02	8.21E-02	8.24E-02	8.30E-02	8.30E-02	0.00E+00	1.07E-03	0.00E+00	0.00E+00	8.10E-02
Missouri	Webster County	29225	U	Vinyl Chloride	1.55E-05	1.55E-05	2.14E-05	3.16E-05	2.93E-05	3.71E-05	3.84E-05	3.84E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	Acetaldehyde	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	0.00E+00	1.16E-03	6.74E-03	8.99E-03	0.00E+00
Missouri	Worth County	29227	R	Acrolein	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	0.00E+00	8.39E-04	1.36E-03	3.19E-04	0.00E+00
Missouri	Worth County	29227	R	Acrylonitrile	3.19E-06	3.19E-06	3.19E-06	3.19E-06	3.19E-06	3.19E-06	3.19E-06	3.19E-06	0.00E+00	3.19E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	Arsenic Compounds	3.27E-06	3.27E-06	3.27E-06	3.27E-06	3.27E-06	3.27E-06	3.27E-06	3.27E-06	0.00E+00	1.77E-07	1.30E-06	1.80E-06	0.00E+00
Missouri	Worth County	29227	R	Benzene	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	5.01E-01	0.00E+00	4.93E-03	1.31E-02	2.69E-03	4.80E-01
Missouri	Worth County	29227	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
Missouri	Worth County	29227	R	Beryllium Compounds	4.34E-08	4.34E-08	4.34E-08	4.34E-08	4.34E-08	4.34E-08	4.34E-08	4.34E-08	0.00E+00	4.34E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	1,3-Butadiene	8.07E-04	8.07E-04	8.07E-04	8.07E-04	8.07E-04	8.07E-04	8.07E-04	8.07E-04	0.00E+00	1.84E-04	4.68E-04	1.56E-04	0.00E+00
Missouri	Worth County	29227	R	Cadmium Compounds	8.93E-08	8.93E-08	8.93E-08	8.93E-08	8.93E-08	8.93E-08	8.93E-08	8.93E-08	0.00E+00	8.93E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	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	2.49E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Worth County	29227	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	6.72E-06	0.00E+00	0.00E+00	8.80E-01
Missouri	Worth County	29227	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	1.35E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Worth County	29227	R	Chromium Compounds (includes Hexavalent)	7.47E-06	7.47E-06	7.47E-06	7.47E-06	7.47E-06	7.47E-06	7.47E-06	7.47E-06	0.00E+00	6.69E-06	7.50E-07	2.49E-08	0.00E+00
Missouri	Worth County	29227	R	Chromium VI	2.59E-06	2.59E-06	2.59E-06	2.59E-06	2.59E-06	2.59E-06	2.59E-06	2.59E-06	0.00E+00	2.30E-06	2.84E-07	8.47E-09	0.00E+00
Missouri	Worth County	29227	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
Missouri	Worth County	29227	R	1,4-Dichlorobenzene	5.05E-04	5.05E-04	5.05E-04	5.05E-04	5.05E-04	5.05E-04	5.05E-04	5.05E-04	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	1,3-Dichloropropene	9.78E-04	9.78E-04	9.78E-04	9.78E-04	9.78E-04	9.78E-04	9.78E-04	9.78E-04	0.00E+00	9.78E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	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	1.67E-09	0.00E+00	0.00E+00	7.70E-03
Missouri	Worth County	29227	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	2.17E-07	0.00E+00	0.00E+00	6.10E-02
Missouri	Worth County	29227	R	Ethylene Oxide	9.31E-06	9.31E-06	9.31E-06	9.31E-06	9.31E-06	9.31E-06	9.31E-06	9.31E-06	0.00E+00	9.31E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	Formaldehyde	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	0.00E+00	3.33E-03	6.47E-03	1.42E-02	2.50E-01
Missouri	Worth County	29227	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	1.06E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Worth County	29227	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	3.33E-09	0.00E+00	0.00E+00	1.80E-03
Missouri	Worth County	29227	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
Missouri	Worth County	29227	R	Hydrazine	2.95E-11	2.95E-11	2.95E-11	2.95E-11	2.95E-11	2.95E-11	2.95E-11	2.95E-11	0.00E+00	2.95E-11	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	Lead Compounds	1.90E-06	1.90E-06	1.90E-06	1.90E-06	1.90E-06	1.90E-06	1.90E-06	1.90E-06	0.00E+00	1.41E-06	0.00E+00	4.83E-07	0.00E+00
Missouri	Worth County	29227	R	Manganese Compounds	6.87E-06	6.87E-06	6.87E-06	6.87E-06	6.87E-06	6.87E-06	6.87E-06	6.87E-06	0.00E+00	6.52E-06	2.18E-07	1.34E-07	0.00E+00
Missouri	Worth County	29227	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	1.86E-07	1.56E-06	1.57E-06	1.50E-03
Missouri	Worth County	29227	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	1.98E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Worth County	29227	R	Nickel Compounds	9.58E-06	9.58E-06	9.58E-06	9.58E-06	9.58E-06	9.58E-06	9.58E-06	9.58E-06	0.00E+00	8.81E-06	5.89E-07	1.85E-07	0.00E+00
Missouri	Worth County	29227	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	4.75E-04	0.00E+00	0.00E+00	1.40E-01
Missouri	Worth County	29227	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.85E-04	3.85E-04	3.85E-04	3.85E-04	3.85E-04	0.00E+00	5.20E-06	0.00E+00	0.00E+00	3.80E-04
Missouri	Worth County	29227	R	Polycyclic Organic Matter	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	0.00E+00	7.32E-04	2.70E-04	7.25E-05	0.00E+00
Missouri	Worth County	29227	R	7-PAH	6.79E-05	6.79E-05	6.79E-05	6.79E-05	6.79E-05	6.79E-05	6.79E-05	6.79E-05	0.00E+00	6.56E-05	1.85E-06	4.40E-07	0.00E+00
Missouri	Worth County	29227	R	Propylene Dichloride	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.44E-07	0.00E+00	1.44E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	Quinoline	1.07E-09	1.07E-09	1.07E-09	1.07E-09	1.07E-09	1.07E-09	1.07E-09	1.07E-09	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	R	1,1,2,2-Tetrachloroethane	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07	0.00E+00	7.26E-07	0.00E+00	0.00E+00	0.00E+00
Missouri	Worth County	29227	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	1.66E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Worth County	29227	R	Vinyl Chloride	1.83E-06	1.83E-06	1.83E-06	1.83E-06	1.83E-06	1.83E-06	1.83E-06	1.83E-06	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	R	Acetaldehyde	2.08E-02	2.08E-02	2.20E-02	2.53E-02	2.60E-02	3.00E-02	3.26E-02	3.26E-02	0.00E+00	6.46E-03	1.54E-02	4.17E-03	0.00E+00
Missouri	Wright County	29229	R	Acrolein	6.06E-03	6.06E-03	6.09E-03	6.66E-03	6.97E-03	7.85E-03	8.51E-03	8.51E-03	0.00E+00	3.59E-03	2.86E-03	5.21E-04	0.00E+00
Missouri	Wright County	29229	R	Acrylonitrile	2.15E-05	2.15E-05	2.37E-05	2.98E-05	5.18E-05	7.99E-05	1.26E-04	1.26E-04	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	Wright County	29229	R	Arsenic Compounds	3.42E-06	3.42E-06	4.12E-06	5.19E-06	5.27E-06	6.42E-06	7.26E-06	7.26E-06	0.00E+00	5.93E-07	3.67E-06	1.01E-06	0.00E+00
Missouri	Wright County	29229	R	Benzene	5.21E-01	5.21E-01	5.31E-01	5.46E-01	5.42E-01	5.53E-01	5.55E-01	5.55E-01	0.00E+00	2.24E-02	3.58E-02	3.98E-03	4.80E-01
Missouri	Wright County	29229	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
Missouri	Wright County	29229	R	Beryllium Compounds	2.38E-07	2.38E-07	3.49E-07	9.92E-07	1.04E-06	1.74E-06	1.95E-06	1.95E-06	0.00E+00	1.27E-07	0.00E+00	9.16E-07	0.00E+00
Missouri	Wright County	29229	R	1,3-Butadiene	1.59E-03	1.59E-03	2.37E-03	3.29E-03	3.23E-03	4.08E-03	4.76E-03	4.76E-03	0.00E+00	7.24E-04	2.12E-03	3.88E-04	0.00E+00
Missouri	Wright County	29229	R	Cadmium Compounds	3.62E-07	3.62E-07	4.96E-07	1.16E-06	1.26E-06	2.03E-06	2.37E-06	2.37E-06	0.00E+00	3.49E-07	0.00E+00	9.13E-07	0.00E+00
Missouri	Wright County	29229	R	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	0.00E+00	9.79E-05	0.00E+00	0.00E+00	4.70E-02
Missouri	Wright County	29229	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	2.51E-05	0.00E+00	0.00E+00	8.80E-01
Missouri	Wright County	29229	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.36E-02	8.37E-02	8.37E-02	0.00E+00	4.17E-04	0.00E+00	0.00E+00	8.30E-02
Missouri	Wright County	29229	R	Chromium Compounds (includes Hexavalent)	3.02E-06	3.02E-06	8.90E-06	2.58E-05	2.62E-05	4.35E-05	5.02E-05	5.02E-05	9.91E-06	1.38E-05	2.27E-06	2.61E-07	0.00E+00
Missouri	Wright County	29229	R	Chromium VI	1.18E-06	1.18E-06	3.24E-06	1.51E-05	1.72E-05	3.12E-05	3.74E-05	3.74E-05	3.37E-06	1.29E-05	8.77E-07	8.89E-08	0.00E+00
Missouri	Wright County	29229	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
Missouri	Wright County	29229	R	1,4-Dichlorobenzene	9.74E-04	9.74E-04	1.20E-03	1.49E-03	1.78E-03	2.37E-03	3.19E-03	3.19E-03	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	R	1,3-Dichloropropene	1.87E-03	1.87E-03	2.34E-03	2.93E-03	3.54E-03	4.75E-03	6.44E-03	6.44E-03	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	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	1.84E-08	0.00E+00	0.00E+00	7.70E-03
Missouri	Wright County	29229	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	9.85E-06	0.00E+00	0.00E+00	6.10E-02
Missouri	Wright County	29229	R	Ethylene Oxide	3.34E-06	3.34E-06	3.35E-06	3.79E-06	6.13E-06	8.91E-06	1.36E-05	1.36E-05	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	R	Formaldehyde	2.81E-01	2.81E-01	2.84E-01	2.90E-01	2.89E-01	2.94E-01	2.96E-01	2.96E-01	3.06E-07	1.54E-02	1.64E-02	7.56E-03	2.50E-01
Missouri	Wright County	29229	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	1.97E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	Wright County	29229	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	1.29E-08	0.00E+00	0.00E+00	1.80E-03
Missouri	Wright County	29229	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
Missouri	Wright County	29229	R	Hydrazine	5.10E-11	5.10E-11	6.22E-11	1.02E-10	1.16E-10	1.69E-10	2.09E-10	2.09E-10	0.00E+00	1.16E-10	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	R	Lead Compounds	9.92E-06	9.92E-06	1.01E-05	1.11E-05	1.55E-05	2.09E-05	3.00E-05	3.00E-05	0.00E+00	7.69E-06	0.00E+00	7.82E-06	0.00E+00
Missouri	Wright County	29229	R	Manganese Compounds	4.60E-05	4.60E-05	5.65E-05	7.85E-05	7.78E-05	9.91E-05	1.08E-04	1.08E-04	9.48E-06	6.75E-05	7.19E-07	1.55E-07	0.00E+00
Missouri	Wright County	29229	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	5.30E-07	4.17E-06	1.89E-06	1.50E-03
Missouri	Wright County	29229	R	Methylene Chloride	1.53E-01	1.53E-01	1.55E-01	1.56E-01	1.58E-01	1.61E-01	1.66E-01	1.66E-01	0.00E+00	7.68E-03	0.00E+00	0.00E+00	1.50E-01
Missouri	Wright County	29229	R	Nickel Compounds	2.33E-05	2.33E-05	2.49E-05	3.40E-05	3.73E-05	4.98E-05	5.80E-05	5.80E-05	8.79E-06	2.65E-05	1.70E-06	3.41E-07	0.00E+00
Missouri	Wright County	29229	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	0.00E+00	1.83E-03	0.00E+00	0.00E+00	1.40E-01
Missouri	Wright County	29229	R	Polychlorinated Biphenyls	3.87E-04	3.87E-04	3.88E-04	3.90E-04	4.00E-04	4.12E-04	4.34E-04	4.34E-04	0.00E+00	2.00E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	Wright County	29229	R	Polycyclic Organic Matter	2.97E-03	2.97E-03	3.57E-03	4.34E-03	4.59E-03	5.61E-03	6.70E-03	6.70E-03	0.00E+00	3.63E-03	7.61E-04	1.96E-04	0.00E+00
Missouri	Wright County	29229	R	7-PAH	2.34E-04	2.34E-04	2.45E-04	2.97E-04	3.29E-04	4.14E-04	4.90E-04	4.90E-04	0.00E+00	3.21E-04	5.70E-06	2.32E-06	0.00E+00
Missouri	Wright County	29229	R	Propylene Dichloride	1.04E-06	1.04E-06	1.04E-06	1.42E-06	2.73E-06	4.41E-06	7.02E-06	7.02E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	R	Quinoline	2.20E-09	2.20E-09	2.33E-09	3.25E-09	3.30E-09	4.26E-09	4.48E-09	4.48E-09	0.00E+00	3.30E-09	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	R	1,1,2,2-Tetrachloroethane	3.25E-06	3.25E-06	4.16E-06	7.68E-06	1.69E-05	2.96E-05	4.89E-05	4.89E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	Wright County	29229	R	Trichloroethylene	8.12E-02	8.12E-02	8.13E-02	8.14E-02	8.15E-02	8.18E-02	8.21E-02	8.21E-02	0.00E+00	5.34E-04	0.00E+00	0.00E+00	8.10E-02
Missouri	Wright County	29229	R	Vinyl Chloride	1.49E-05	1.49E-05	1.81E-05	3.00E-05	5.81E-05	9.82E-05	1.58E-04	1.58E-04	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Acetaldehyde	7.54E-01	8.11E-01	8.94E-01	1.04E+00	1.23E+00	1.29E+00	1.88E+00	2.21E+00	4.38E-03	9.76E-02	8.50E-01	2.83E-01	0.00E+00
Missouri	St. Louis city	29510	U	Acrolein	1.55E-01	1.68E-01	1.88E-01	2.17E-01	2.17E-01	2.38E-01	2.66E-01	2.87E-01	4.37E-02	1.47E-02	1.27E-01	3.10E-02	0.00E+00
Missouri	St. Louis city	29510	U	Acrylonitrile	1.13E-03	1.17E-03	1.24E-03	1.36E-03	1.47E-03	1.57E-03	1.85E-03	2.16E-03	4.69E-04	1.00E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Arsenic Compounds	2.61E-04	2.89E-04	3.64E-04	4.82E-04	5.34E-04	6.09E-04	8.71E-04	1.00E-03	2.03E-04	1.47E-04	1.48E-04	3.64E-05	0.00E+00
Missouri	St. Louis city	29510	U	Benzene	1.91E+00	1.97E+00	2.17E+00	2.41E+00	2.66E+00	2.93E+00	3.87E+00	4.18E+00	1.35E-01	2.96E-01	1.52E+00	2.27E-01	4.80E-01
Missouri	St. Louis city	29510	U	Benzidine	4.35E-07	5.19E-07	8.83E-07	1.69E-06	5.20E-06	3.88E-06	8.94E-06	2.10E-05	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Beryllium Compounds	1.13E-05	1.31E-05	1.61E-05	1.98E-05	2.23E-05	2.48E-05	3.30E-05	4.19E-05	3.24E-06	1.52E-05	0.00E+00	3.90E-06	0.00E+00
Missouri	St. Louis city	29510	U	1,3-Butadiene	8.37E-02	9.82E-02	1.08E-01	1.35E-01	1.66E-01	2.07E-01	2.77E-01	3.29E-01	1.02E-02	2.58E-04	1.38E-01	1.78E-02	0.00E+00
Missouri	St. Louis city	29510	U	Cadmium Compounds	5.04E-01	5.66E-01	8.20E-01	1.60E+00	2.35E+00	2.81E+00	4.61E+00	6.72E+00	2.35E+00	8.62E-05	0.00E+00	8.74E-06	0.00E+00
Missouri	St. Louis city	29510	U	Carbon Disulfide	4.99E-02	5.02E-02	5.05E-02	5.11E-02	5.16E-02	5.21E-02	5.36E-02	5.57E-02	4.08E-04	4.23E-03	0.00E+00	0.00E+00	4.70E-02
Missouri	St. Louis city	29510	U	Carbon Tetrachloride	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	8.82E-01	8.66E-07	1.21E-03	0.00E+00	0.00E+00	8.80E-01
Missouri	St. Louis city	29510	U	Chloroform	1.69E-01	1.74E-01	1.98E-01	2.39E-01	2.78E-01	2.91E-01	3.58E-01	4.47E-01	8.91E-02	1.06E-01	0.00E+00	0.00E+00	8.30E-02
Missouri	St. Louis city	29510	U	Chromium Compounds (includes Hexavalent)	8.37E-04	9.29E-04	1.20E-03	2.04E-03	3.07E-03	2.96E-03	4.79E-03	6.67E-03	5.55E-04	2.36E-03	1.35E-04	2.07E-05	0.00E+00
Missouri	St. Louis city	29510	U	Chromium VI	2.50E-04	2.82E-04	3.80E-04	5.79E-04	9.67E-04	8.40E-04	1.56E-03	2.31E-03	1.47E-04	7.60E-04	5.39E-05	7.05E-06	0.00E+00
Missouri	St. Louis city	29510	U	Coke Oven Emissions	4.57E-02	5.37E-02	7.18E-02	1.28E-01	1.58E-01	2.01E-01	3.00E-01	3.53E-01	1.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	1,4-Dichlorobenzene	1.05E-01	1.12E-01	1.47E-01	2.07E-01	2.37E-01	2.71E-01	3.69E-01	5.14E-01	1.58E-01	7.88E-02	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	1,3-Dichloropropene	7.89E-02	1.02E-01	1.22E-01	1.50E-01	1.53E-01	1.75E-01	2.13E-01	2.37E-01	0.00E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	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	3.73E-07	3.55E-07	0.00E+00	0.00E+00	7.70E-03
Missouri	St. Louis city	29510	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-05	9.99E-05	0.00E+00	0.00E+00	6.10E-02
Missouri	St. Louis city	29510	U	Ethylene Oxide	3.34E-03	3.51E-03	4.00E-03	4.96E-03	6.53E-03	7.09E-03	8.60E-03	1.89E-02	9.27E-05	6.44E-03	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Formaldehyde	1.12E+00	1.19E+00	1.28E+00	1.43E+00	1.69E+00	1.78E+00	2.26E+00	3.31E+00	2.75E-02	2.99E-02	9.04E-01	4.83E-01	2.50E-01
Missouri	St. Louis city	29510	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	0.00E+00	1.64E-07	0.00E+00	0.00E+00	9.30E-05
Missouri	St. Louis city	29510	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	5.81E-07	0.00E+00	0.00E+00	1.80E-03
Missouri	St. Louis city	29510	U	Hexamethylene Diisocyanate	6.10E-05	6.44E-05	7.20E-05	8.24E-05	8.97E-05	1.04E-04	1.26E-04	1.40E-04	3.53E-06	8.62E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Hydrazine	5.29E-07	6.24E-07	1.06E-06	2.03E-06	6.25E-06	4.66E-06	1.07E-05	2.52E-05	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Lead Compounds	5.70E-02	6.16E-02	6.66E-02	7.34E-02	7.71E-02	8.10E-02	9.69E-02	1.10E-01	6.98E-02	4.97E-03	0.00E+00	2.34E-03	0.00E+00
Missouri	St. Louis city	29510	U	Manganese Compounds	1.96E-03	2.27E-03	3.21E-03	6.54E-03	9.56E-03	1.13E-02	1.79E-02	2.12E-02	3.68E-03	5.79E-03	4.36E-05	4.58E-05	0.00E+00
Missouri	St. Louis city	29510	U	Mercury Compounds	1.71E-03	1.74E-03	1.81E-03	1.93E-03	1.98E-03	2.09E-03	2.28E-03	2.48E-03	1.80E-05	2.81E-04	1.37E-04	4.82E-05	1.50E-03

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Estimated Annual Average Ambient Concentrations µg/m3 for Missouri

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
Missouri	St. Louis city	29510	U	Methylene Chloride	4.18E-01	4.53E-01	4.71E-01	5.02E-01	5.40E-01	5.59E-01	6.66E-01	7.67E-01	1.37E-01	2.52E-01	0.00E+00	0.00E+00	1.50E-01
Missouri	St. Louis city	29510	U	Nickel Compounds	1.21E-03	1.52E-03	2.03E-03	2.66E-03	4.42E-03	3.96E-03	7.74E-03	1.15E-02	1.81E-04	3.02E-03	9.97E-05	1.12E-03	0.00E+00
Missouri	St. Louis city	29510	U	Perchloroethylene	2.36E-01	2.51E-01	2.73E-01	2.99E-01	3.97E-01	3.90E-01	5.34E-01	6.86E-01	9.66E-04	2.56E-01	0.00E+00	0.00E+00	1.40E-01
Missouri	St. Louis city	29510	U	Polychlorinated Biphenyls	3.90E-04	3.90E-04	3.92E-04	3.95E-04	3.96E-04	4.00E-04	4.04E-04	4.07E-04	7.00E-09	1.60E-05	0.00E+00	0.00E+00	3.80E-04
Missouri	St. Louis city	29510	U	Polycyclic Organic Matter	1.91E-01	2.17E-01	3.16E-01	4.67E-01	9.01E-01	6.77E-01	1.30E+00	2.09E+00	7.43E-01	1.04E-01	4.28E-02	9.99E-03	0.00E+00
Missouri	St. Louis city	29510	U	7-PAH	2.24E-03	2.29E-03	2.44E-03	2.68E-03	3.88E-03	3.24E-03	6.64E-03	1.38E-02	1.83E-04	3.25E-03	2.70E-04	1.76E-04	0.00E+00
Missouri	St. Louis city	29510	U	Propylene Dichloride	5.78E-05	5.92E-05	6.31E-05	6.95E-05	7.40E-05	7.68E-05	9.10E-05	9.77E-05	2.85E-05	4.54E-05	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Quinoline	2.40E-08	2.50E-08	2.62E-08	2.84E-08	3.00E-08	3.16E-08	3.47E-08	3.73E-08	0.00E+00	3.00E-08	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	1,1,2,2-Tetrachloroethane	3.98E-04	4.18E-04	4.66E-04	5.40E-04	5.68E-04	6.00E-04	7.04E-04	8.10E-04	2.60E-04	3.08E-04	0.00E+00	0.00E+00	0.00E+00
Missouri	St. Louis city	29510	U	Trichloroethylene	2.65E-01	2.94E-01	3.63E-01	4.32E-01	6.32E-01	5.46E-01	7.77E-01	9.85E-01	3.84E-01	1.67E-01	0.00E+00	0.00E+00	8.10E-02
Missouri	St. Louis city	29510	U	Vinyl Chloride	1.03E-03	1.09E-03	1.20E-03	1.38E-03	1.45E-03	1.52E-03	1.78E-03	2.04E-03	6.40E-04	8.08E-04	0.00E+00	0.00E+00	0.00E+00