

US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for Iowa

EPA strongly cautions that these modeling results should not be used to draw conclusions about local concentrations or risk. The results are most meaningful when viewed at the state or national level; for smaller areas, the modeling becomes less certain. In addition, these results represent conditions in 1996 rather than current conditions.

● The modeled estimates presented here are not a direct indicator of risk because they do not factor in the extent to which people are exposed to these pollutants or the widely varying toxic potential of different substances. EPA uses these ambient concentration estimates in combination with exposure modeling and health effects information to estimate risk.

● The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, 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.

● Methods of estimating emissions, as well as simplified modeling assumptions, may introduce significant uncertainties into each component of the assessment.

[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)

● Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.

● Note that based on the persistence and bioaccumulation potential of lead, mercury, PCBs (polychlorinated biphenyls), hexachlorobenzene, 7-PAH (polycyclic aromatic hydrocarbons), POM (polycyclic organic matter) and cadmium, ingestion rather than inhalation may contribute substantially to exposures of concern, and this assessment does not address pollutant levels that may be ingested from food, water, or soil.

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa

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
Iowa	Statewide	N/A	N/A	Acetaldehyde	2.90E-02	3.47E-02	5.34E-02	1.16E-01	1.85E-01	2.78E-01	4.97E-01	5.34E-01	1.11E-05	1.79E-02	1.21E-01	4.58E-02	0.00E+00
Iowa	Statewide	N/A	N/A	Acrolein	4.73E-03	5.61E-03	8.95E-03	2.09E-02	2.78E-02	4.24E-02	6.31E-02	7.00E-02	4.92E-04	6.75E-03	1.37E-02	6.86E-03	0.00E+00
Iowa	Statewide	N/A	N/A	Acrylonitrile	1.30E-05	1.76E-05	4.28E-05	1.28E-04	1.53E-03	4.71E-04	4.65E-03	8.87E-03	1.39E-03	1.36E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	Arsenic Compounds	7.80E-07	9.85E-07	3.87E-06	1.59E-05	3.56E-05	4.12E-05	8.34E-05	1.24E-04	1.29E-05	2.25E-05	1.56E-07	1.96E-08	0.00E+00
Iowa	Statewide	N/A	N/A	Benzene	5.13E-01	5.20E-01	5.43E-01	6.66E-01	8.04E-01	9.98E-01	1.32E+00	1.47E+00	3.69E-04	2.24E-02	2.25E-01	7.66E-02	4.80E-01
Iowa	Statewide	N/A	N/A	Beryllium Compounds	1.98E-07	2.48E-07	5.49E-07	2.70E-06	6.20E-06	8.46E-06	1.44E-05	1.90E-05	1.75E-06	4.45E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	1,3-Butadiene	2.17E-03	2.74E-03	4.06E-03	1.82E-02	3.16E-02	5.05E-02	8.46E-02	1.01E-01	1.54E-04	2.49E-03	2.03E-02	8.65E-03	0.00E+00
Iowa	Statewide	N/A	N/A	Cadmium Compounds	7.84E-07	9.91E-07	2.15E-06	9.23E-06	1.95E-05	2.50E-05	4.54E-05	6.91E-05	2.36E-06	1.71E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	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	8.80E-01	8.80E-01	1.04E-05	7.04E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Statewide	N/A	N/A	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.35E-02	8.38E-02	8.41E-02	8.43E-02	1.98E-06	5.35E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Statewide	N/A	N/A	Chromium Compounds	7.20E-06	1.19E-05	3.30E-05	1.36E-04	1.06E-03	5.79E-04	3.40E-03	5.82E-03	2.40E-04	7.99E-04	1.01E-05	1.27E-05	0.00E+00
Iowa	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	1,3-Dichloropropene	1.52E-03	1.89E-03	3.03E-03	1.79E-02	3.04E-02	5.27E-02	7.79E-02	9.24E-02	0.00E+00	3.04E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	Diesel Particulate Matter	4.50E-01	4.86E-01	5.41E-01	7.43E-01	8.55E-01	1.02E+00	1.37E+00	1.64E+00	0.00E+00	0.00E+00	2.22E-01	6.33E-01	***
Iowa	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	4.51E-08	2.08E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	9.98E-05	2.37E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Statewide	N/A	N/A	Ethylene Oxide	2.65E-05	3.29E-05	6.68E-05	3.84E-04	1.27E-03	1.47E-03	3.49E-03	4.84E-03	5.32E-07	1.27E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	Formaldehyde	2.88E-01	2.96E-01	3.18E-01	4.15E-01	4.75E-01	5.93E-01	7.74E-01	8.44E-01	2.39E-04	3.25E-02	1.23E-01	6.97E-02	2.50E-01
Iowa	Statewide	N/A	N/A	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	0.00E+00	2.16E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Statewide	N/A	N/A	Hydrazine	5.89E-12	2.41E-11	1.58E-10	3.23E-09	6.30E-08	3.33E-08	1.25E-07	2.59E-07	7.86E-17	6.30E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	Lead Compounds	1.33E-05	1.79E-05	5.97E-05	2.89E-04	1.41E-03	9.39E-04	2.49E-03	6.10E-03	1.88E-04	7.91E-04	1.42E-05	4.18E-04	0.00E+00
Iowa	Statewide	N/A	N/A	Manganese Compounds	3.08E-05	4.00E-05	9.05E-05	4.83E-04	1.30E-03	1.60E-03	2.82E-03	3.99E-03	4.55E-04	8.23E-04	4.15E-06	1.49E-05	0.00E+00
Iowa	Statewide	N/A	N/A	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.54E-03	1.59E-03	1.62E-03	1.67E-03	1.70E-03	3.52E-06	7.80E-05	1.36E-07	3.41E-06	1.50E-03
Iowa	Statewide	N/A	N/A	Methylene Chloride	1.53E-01	1.54E-01	1.58E-01	2.00E-01	2.90E-01	2.88E-01	4.16E-01	6.05E-01	3.25E-02	1.07E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Statewide	N/A	N/A	Nickel Compounds	1.30E-05	1.77E-05	4.05E-05	2.17E-04	8.01E-04	6.10E-04	1.43E-03	3.06E-03	7.74E-05	7.09E-04	7.82E-06	7.05E-06	0.00E+00
Iowa	Statewide	N/A	N/A	Perchloroethylene	1.41E-01	1.42E-01	1.44E-01	1.61E-01	1.90E-01	2.24E-01	2.88E-01	3.22E-01	6.30E-04	4.97E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.89E-04	3.80E-04	3.80E-04	4.06E-04	0.00E+00	8.80E-06	0.00E+00	0.00E+00	3.80E-04
Iowa	Statewide	N/A	N/A	Polycyclic Organic Matter	1.97E-03	2.41E-03	4.09E-03	1.90E-02	3.28E-02	5.22E-02	8.02E-02	1.04E-01	9.77E-04	3.17E-02	7.15E-05	3.14E-05	0.00E+00
Iowa	Statewide	N/A	N/A	7-PAH	1.46E-04	1.75E-04	2.78E-04	1.20E-03	1.81E-03	3.10E-03	4.40E-03	5.22E-03	3.69E-08	1.77E-03	3.17E-05	1.36E-05	0.00E+00
Iowa	Statewide	N/A	N/A	Propylene Dichloride	6.67E-07	9.80E-07	2.46E-06	6.74E-06	1.42E-05	2.12E-05	3.37E-05	4.29E-05	4.78E-06	9.42E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	Quinoline	1.76E-10	5.27E-10	2.94E-09	2.13E-08	5.55E-07	1.49E-07	8.30E-07	3.85E-06	0.00E+00	5.55E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	4.55E-06	6.95E-06	1.85E-05	4.93E-05	1.05E-04	1.34E-04	2.70E-04	3.18E-04	4.38E-05	6.13E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Statewide	N/A	N/A	Trichloroethylene	8.13E-02	8.15E-02	8.21E-02	8.83E-02	1.02E-01	1.09E-01	1.39E-01	1.67E-01	7.38E-04	1.98E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Statewide	N/A	N/A	Vinyl Chloride	1.19E-05	1.75E-05	5.09E-05	1.28E-04	3.37E-04	4.01E-04	7.33E-04	9.18E-04	1.08E-04	2.29E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Acetaldehyde	5.28E-02	6.38E-02	1.22E-01	2.26E-01	2.67E-01	3.95E-01	5.28E-01	5.54E-01	1.66E-05	2.50E-02	1.78E-01	6.40E-02	0.00E+00
Iowa	All Urban Counties	N/A	U	Acrolein	8.31E-03	1.14E-02	2.14E-02	3.57E-02	3.87E-02	5.47E-02	6.88E-02	7.31E-02	6.84E-04	8.51E-03	1.98E-02	9.63E-03	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	All Urban Counties	N/A	U	Acrylonitrile	2.51E-05	5.49E-05	1.29E-04	3.42E-04	2.09E-03	8.31E-04	7.59E-03	9.50E-03	1.89E-03	1.99E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Arsenic Compounds	2.41E-06	6.56E-06	1.68E-05	3.59E-05	5.45E-05	5.95E-05	1.14E-04	1.64E-04	1.95E-05	3.48E-05	2.20E-07	3.00E-08	0.00E+00
Iowa	All Urban Counties	N/A	U	Benzene	5.40E-01	5.66E-01	6.73E-01	8.80E-01	9.47E-01	1.17E+00	1.41E+00	1.55E+00	5.84E-04	2.80E-02	3.35E-01	1.03E-01	4.80E-01
Iowa	All Urban Counties	N/A	U	Beryllium Compounds	4.97E-07	8.95E-07	2.66E-06	7.23E-06	8.48E-06	1.16E-05	1.72E-05	2.11E-05	1.66E-06	6.83E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	1,3-Butadiene	3.50E-03	5.19E-03	1.86E-02	3.92E-02	4.67E-02	7.10E-02	9.93E-02	1.09E-01	2.23E-04	3.00E-03	3.07E-02	1.28E-02	0.00E+00
Iowa	All Urban Counties	N/A	U	Cadmium Compounds	2.39E-06	4.83E-06	1.12E-05	2.10E-05	2.98E-05	3.47E-05	5.98E-05	9.83E-05	3.03E-06	2.68E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.70E-05	1.04E-04	0.00E+00	0.00E+00	8.80E-01
Iowa	All Urban Counties	N/A	U	Chloroform	8.31E-02	8.32E-02	8.33E-02	8.37E-02	8.38E-02	8.40E-02	8.42E-02	8.46E-02	2.79E-06	8.08E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	All Urban Counties	N/A	U	Chromium Compounds	2.68E-05	4.30E-05	1.28E-04	3.92E-04	1.67E-03	1.33E-03	5.45E-03	7.34E-03	3.68E-04	1.27E-03	1.43E-05	1.76E-05	0.00E+00
Iowa	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	1,3-Dichloropropene	2.62E-03	4.32E-03	1.63E-02	4.34E-02	4.59E-02	6.59E-02	8.95E-02	1.06E-01	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Diesel Particulate Matter	5.02E-01	5.54E-01	7.26E-01	9.34E-01	1.02E+00	1.20E+00	1.54E+00	1.76E+00	0.00E+00	0.00E+00	2.75E-01	7.41E-01	***
Iowa	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	6.97E-08	3.27E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.11E-02	6.11E-02	6.21E-02	1.36E-04	3.43E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	All Urban Counties	N/A	U	Ethylene Oxide	5.60E-05	1.03E-04	3.99E-04	1.17E-03	2.02E-03	2.60E-03	4.57E-03	6.71E-03	8.63E-07	2.02E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Formaldehyde	3.12E-01	3.41E-01	4.18E-01	5.31E-01	5.67E-01	6.97E-01	8.27E-01	8.79E-01	2.47E-04	4.02E-02	1.79E-01	9.71E-02	2.50E-01
Iowa	All Urban Counties	N/A	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	0.00E+00	2.11E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	All Urban Counties	N/A	U	Hydrazine	1.29E-10	3.39E-10	3.06E-09	1.82E-08	1.03E-07	6.99E-08	2.15E-07	4.36E-07	1.56E-17	1.03E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Lead Compounds	9.27E-05	1.36E-04	3.26E-04	7.15E-04	2.20E-03	1.41E-03	5.02E-03	9.61E-03	2.98E-04	1.19E-03	2.01E-05	6.86E-04	0.00E+00
Iowa	All Urban Counties	N/A	U	Manganese Compounds	8.19E-05	1.51E-04	5.24E-04	1.25E-03	1.62E-03	2.20E-03	3.25E-03	4.21E-03	3.46E-04	1.25E-03	5.89E-06	2.11E-05	0.00E+00
Iowa	All Urban Counties	N/A	U	Mercury Compounds	1.52E-03	1.53E-03	1.55E-03	1.60E-03	1.63E-03	1.64E-03	1.69E-03	1.76E-03	4.94E-06	1.21E-04	1.93E-07	4.69E-06	1.50E-03
Iowa	All Urban Counties	N/A	U	Methylene Chloride	1.56E-01	1.61E-01	1.99E-01	2.60E-01	3.70E-01	3.51E-01	5.44E-01	8.11E-01	5.26E-02	1.67E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	All Urban Counties	N/A	U	Nickel Compounds	3.26E-05	5.88E-05	2.02E-04	4.70E-04	1.25E-03	8.94E-04	2.52E-03	5.69E-03	1.03E-04	1.12E-03	1.11E-05	1.01E-05	0.00E+00
Iowa	All Urban Counties	N/A	U	Perchloroethylene	1.43E-01	1.45E-01	1.63E-01	2.02E-01	2.18E-01	2.65E-01	3.08E-01	3.47E-01	2.29E-04	7.78E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.95E-04	3.80E-04	3.96E-04	5.17E-04	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.80E-04
Iowa	All Urban Counties	N/A	U	Polycyclic Organic Matter	3.25E-03	5.32E-03	1.76E-02	4.50E-02	4.95E-02	6.80E-02	9.90E-02	1.23E-01	1.63E-03	4.77E-02	1.01E-04	3.88E-05	0.00E+00
Iowa	All Urban Counties	N/A	U	7-PAH	2.41E-04	3.70E-04	1.17E-03	2.63E-03	2.68E-03	3.81E-03	4.97E-03	5.75E-03	6.00E-08	2.62E-03	4.48E-05	1.58E-05	0.00E+00
Iowa	All Urban Counties	N/A	U	Propylene Dichloride	1.63E-06	3.28E-06	7.03E-06	1.67E-05	2.15E-05	2.89E-05	4.03E-05	4.84E-05	7.51E-06	1.40E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Quinoline	1.72E-09	4.48E-09	1.97E-08	8.60E-08	9.17E-07	3.41E-07	2.82E-06	6.36E-06	0.00E+00	9.17E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	1.08E-05	2.44E-05	4.88E-05	9.30E-05	1.58E-04	2.19E-04	3.09E-04	3.82E-04	6.88E-05	8.88E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	All Urban Counties	N/A	U	Trichloroethylene	8.18E-02	8.31E-02	8.85E-02	1.02E-01	1.13E-01	1.27E-01	1.59E-01	1.83E-01	4.97E-04	3.13E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	All Urban Counties	N/A	U	Vinyl Chloride	2.99E-05	6.30E-05	1.25E-04	2.54E-04	5.11E-04	5.98E-04	8.83E-04	1.12E-03	1.70E-04	3.41E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	Acetaldehyde	2.60E-02	2.83E-02	3.81E-02	5.00E-02	6.37E-02	7.96E-02	1.16E-01	1.44E-01	2.93E-06	7.32E-03	3.78E-02	1.86E-02	0.00E+00
Iowa	All Rural Counties	N/A	R	Acrolein	4.04E-03	4.66E-03	5.79E-03	8.25E-03	1.16E-02	1.32E-02	2.26E-02	2.94E-02	2.07E-04	4.13E-03	4.55E-03	2.74E-03	0.00E+00
Iowa	All Rural Counties	N/A	R	Acrylonitrile	8.62E-06	1.15E-05	1.91E-05	4.13E-05	6.96E-04	7.66E-05	1.55E-04	2.73E-03	6.53E-04	4.28E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	Arsenic Compounds	5.81E-07	7.36E-07	1.05E-06	3.29E-06	7.31E-06	8.51E-06	1.59E-05	2.16E-05	3.16E-06	4.09E-06	5.93E-08	4.07E-09	0.00E+00
Iowa	All Rural Counties	N/A	R	Benzene	5.11E-01	5.13E-01	5.23E-01	5.40E-01	5.92E-01	5.84E-01	6.80E-01	7.25E-01	4.96E-05	1.39E-02	6.10E-02	3.70E-02	4.80E-01
Iowa	All Rural Counties	N/A	R	Beryllium Compounds	1.54E-07	1.85E-07	2.60E-07	5.21E-07	2.80E-06	1.37E-06	3.03E-06	4.17E-06	1.89E-06	9.07E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	1,3-Butadiene	1.98E-03	2.17E-03	2.88E-03	3.95E-03	9.02E-03	9.68E-03	1.98E-02	2.55E-02	5.29E-05	1.73E-03	4.74E-03	2.50E-03	0.00E+00
Iowa	All Rural Counties	N/A	R	Cadmium Compounds	6.35E-07	7.58E-07	1.03E-06	1.82E-06	4.12E-06	4.17E-06	7.33E-06	1.00E-05	1.37E-06	2.75E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	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	7.08E-07	1.97E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.34E-02	7.64E-07	1.29E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	All Rural Counties	N/A	R	Chromium Compounds	4.96E-06	6.89E-06	1.26E-05	2.98E-05	1.52E-04	8.35E-05	1.69E-04	4.43E-04	4.99E-05	9.29E-05	3.86E-06	5.29E-06	0.00E+00
Iowa	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
Iowa	All Rural Counties	N/A	R	1,3-Dichloropropene	1.30E-03	1.47E-03	2.03E-03	2.92E-03	7.27E-03	8.20E-03	2.27E-02	2.61E-02	0.00E+00	7.27E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	Diesel Particulate Matter	4.28E-01	4.51E-01	4.99E-01	5.42E-01	6.16E-01	6.61E-01	7.98E-01	9.65E-01	0.00E+00	0.00E+00	1.44E-01	4.73E-01	***
Iowa	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	8.41E-09	3.20E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.10E-02	6.10E-02	4.56E-05	8.09E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	All Rural Counties	N/A	R	Ethylene Oxide	1.93E-05	2.47E-05	3.34E-05	6.10E-05	1.53E-04	1.84E-04	4.05E-04	6.03E-04	3.93E-08	1.53E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	Formaldehyde	2.83E-01	2.87E-01	2.97E-01	3.14E-01	3.39E-01	3.53E-01	4.28E-01	4.61E-01	2.27E-04	2.11E-02	3.88E-02	2.89E-02	2.50E-01
Iowa	All Rural Counties	N/A	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	2.24E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	All Rural Counties	N/A	R	Hydrazine	0.00E+00	5.88E-12	3.19E-11	1.35E-10	3.48E-09	8.90E-10	5.15E-09	2.19E-08	1.72E-16	3.48E-09	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	All Rural Counties	N/A	R	Lead Compounds	1.15E-05	1.32E-05	1.97E-05	4.53E-05	2.37E-04	1.04E-04	2.21E-04	5.21E-04	2.31E-05	1.89E-04	5.39E-06	1.96E-05	0.00E+00
Iowa	All Rural Counties	N/A	R	Manganese Compounds	2.45E-05	2.82E-05	4.04E-05	7.28E-05	8.10E-04	2.42E-04	5.40E-04	1.28E-03	6.16E-04	1.87E-04	1.56E-06	5.66E-06	0.00E+00
Iowa	All Rural Counties	N/A	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.41E-06	1.39E-05	5.25E-08	1.51E-06	1.50E-03
Iowa	All Rural Counties	N/A	R	Methylene Chloride	1.52E-01	1.53E-01	1.54E-01	1.57E-01	1.71E-01	1.72E-01	2.12E-01	2.30E-01	2.74E-03	1.87E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	All Rural Counties	N/A	R	Nickel Compounds	9.11E-06	1.26E-05	1.86E-05	3.66E-05	1.36E-04	1.27E-04	2.86E-04	4.11E-04	3.92E-05	9.12E-05	2.98E-06	2.45E-06	0.00E+00
Iowa	All Rural Counties	N/A	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.49E-01	1.48E-01	1.62E-01	1.74E-01	1.23E-03	7.93E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	3.29E-08	0.00E+00	0.00E+00	3.80E-04
Iowa	All Rural Counties	N/A	R	Polycyclic Organic Matter	1.66E-03	1.90E-03	2.56E-03	4.00E-03	7.88E-03	9.34E-03	2.22E-02	2.56E-02	4.26E-06	7.82E-03	2.76E-05	2.03E-05	0.00E+00
Iowa	All Rural Counties	N/A	R	7-PAH	1.28E-04	1.39E-04	1.83E-04	2.64E-04	5.24E-04	5.87E-04	1.38E-03	1.70E-03	2.63E-09	5.01E-04	1.22E-05	1.03E-05	0.00E+00
Iowa	All Rural Counties	N/A	R	Propylene Dichloride	4.58E-07	6.23E-07	1.07E-06	2.32E-06	3.31E-06	4.16E-06	7.00E-06	9.83E-06	7.18E-07	2.60E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	Quinoline	0.00E+00	1.74E-10	7.94E-10	2.55E-09	1.55E-08	9.33E-09	3.75E-08	7.60E-08	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	3.22E-06	4.48E-06	8.00E-06	1.92E-05	2.68E-05	3.52E-05	6.12E-05	7.78E-05	6.58E-06	2.03E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	All Rural Counties	N/A	R	Trichloroethylene	8.13E-02	8.13E-02	8.15E-02	8.20E-02	8.47E-02	8.47E-02	8.89E-02	9.10E-02	1.10E-03	2.57E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	All Rural Counties	N/A	R	Vinyl Chloride	8.49E-06	1.13E-05	2.04E-05	5.00E-05	7.76E-05	8.78E-05	1.64E-04	2.34E-04	1.62E-05	6.14E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Acetaldehyde	2.53E-02	2.53E-02	2.53E-02	2.79E-02	3.07E-02	3.89E-02	3.89E-02	3.89E-02	0.00E+00	3.61E-03	1.94E-02	7.69E-03	0.00E+00
Iowa	Adair	19001	R	Acrolein	4.07E-03	4.07E-03	4.07E-03	4.40E-03	4.97E-03	6.44E-03	6.44E-03	6.44E-03	0.00E+00	1.86E-03	2.45E-03	6.59E-04	0.00E+00
Iowa	Adair	19001	R	Acrylonitrile	1.29E-05	1.29E-05	1.29E-05	1.75E-05	1.68E-05	1.99E-05	1.99E-05	1.99E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Arsenic Compounds	4.98E-07	4.98E-07	4.98E-07	6.01E-07	8.85E-07	1.56E-06	1.56E-06	1.56E-06	0.00E+00	8.61E-07	2.28E-08	1.38E-09	0.00E+00
Iowa	Adair	19001	R	Benzene	5.09E-01	5.09E-01	5.09E-01	5.12E-01	5.20E-01	5.38E-01	5.38E-01	5.38E-01	0.00E+00	4.80E-03	3.09E-02	3.89E-03	4.80E-01
Iowa	Adair	19001	R	Beryllium Compounds	1.37E-07	1.37E-07	1.37E-07	1.72E-07	2.48E-07	4.36E-07	4.36E-07	4.36E-07	0.00E+00	2.48E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	1,3-Butadiene	1.98E-03	1.98E-03	1.98E-03	2.10E-03	3.07E-03	5.12E-03	5.12E-03	5.12E-03	0.00E+00	4.97E-04	2.26E-03	3.12E-04	0.00E+00
Iowa	Adair	19001	R	Cadmium Compounds	4.66E-07	4.66E-07	4.66E-07	5.65E-07	6.94E-07	1.05E-06	1.05E-06	1.05E-06	0.00E+00	6.94E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	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	8.74E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Adair	19001	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	4.81E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Adair	19001	R	Chromium Compounds	3.51E-06	3.51E-06	3.51E-06	4.17E-06	5.11E-06	7.64E-06	7.64E-06	7.64E-06	0.00E+00	1.81E-06	1.52E-06	1.77E-06	0.00E+00
Iowa	Adair	19001	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
Iowa	Adair	19001	R	1,3-Dichloropropene	1.20E-03	1.20E-03	1.20E-03	1.52E-03	2.17E-03	3.79E-03	3.79E-03	3.79E-03	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Diesel Particulate Matter	4.60E-01	4.60E-01	4.60E-01	4.72E-01	4.94E-01	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	1.19E-01	3.75E-01	***
Iowa	Adair	19001	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.61E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Adair	19001	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	2.65E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Adair	19001	R	Ethylene Oxide	1.43E-05	1.43E-05	1.43E-05	2.15E-05	2.72E-05	4.59E-05	4.59E-05	4.59E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Formaldehyde	2.81E-01	2.81E-01	2.81E-01	2.83E-01	2.89E-01	3.04E-01	3.04E-01	3.04E-01	0.00E+00	9.19E-03	1.96E-02	1.06E-02	2.50E-01
Iowa	Adair	19001	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
Iowa	Adair	19001	R	Hydrazine	5.96E-10	5.96E-10	5.96E-10	8.90E-10	1.71E-09	3.63E-09	3.63E-09	3.63E-09	0.00E+00	1.71E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Lead Compounds	8.15E-06	8.15E-06	8.15E-06	1.04E-05	1.47E-05	2.55E-05	2.55E-05	2.55E-05	0.00E+00	1.26E-05	2.11E-06	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Manganese Compounds	1.64E-05	1.64E-05	1.64E-05	2.01E-05	2.67E-05	4.37E-05	4.37E-05	4.37E-05	0.00E+00	2.42E-05	6.05E-07	1.93E-06	0.00E+00
Iowa	Adair	19001	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	5.06E-06	2.03E-08	5.05E-07	1.50E-03
Iowa	Adair	19001	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.54E-01	1.57E-01	1.57E-01	1.57E-01	0.00E+00	4.12E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Adair	19001	R	Nickel Compounds	8.65E-06	8.65E-06	8.65E-06	8.85E-06	1.41E-05	2.48E-05	2.48E-05	2.48E-05	0.00E+00	1.21E-05	1.18E-06	8.39E-07	0.00E+00
Iowa	Adair	19001	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	1.11E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Adair	19001	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Adair	19001	R	Polycyclic Organic Matter	1.47E-03	1.47E-03	1.47E-03	1.81E-03	2.43E-03	4.02E-03	4.02E-03	4.02E-03	0.00E+00	2.42E-03	1.10E-05	1.12E-06	0.00E+00
Iowa	Adair	19001	R	7-PAH	1.18E-04	1.18E-04	1.18E-04	1.41E-04	1.81E-04	2.86E-04	2.86E-04	2.86E-04	0.00E+00	1.76E-04	4.87E-06	5.28E-07	0.00E+00
Iowa	Adair	19001	R	Propylene Dichloride	7.55E-07	7.55E-07	7.55E-07	1.04E-06	1.00E-06	1.21E-06	1.21E-06	1.21E-06	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Quinoline	5.69E-09	5.69E-09	5.69E-09	8.87E-09	1.01E-08	1.57E-08	1.57E-08	1.57E-08	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	1,1,2,2-Tetrachloroethane	5.87E-06	5.87E-06	5.87E-06	8.09E-06	7.62E-06	8.91E-06	8.91E-06	8.91E-06	0.00E+00	7.62E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Adair	19001	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.15E-02	8.19E-02	8.19E-02	8.19E-02	0.00E+00	4.85E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Adair	19001	R	Vinyl Chloride	1.46E-05	1.46E-05	1.46E-05	2.02E-05	2.24E-05	2.24E-05	2.24E-05	2.24E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Acetaldehyde	2.16E-02	2.16E-02	2.16E-02	2.55E-02	2.55E-02	2.94E-02	2.94E-02	2.94E-02	0.00E+00	2.69E-03	1.64E-02	6.36E-03	0.00E+00
Iowa	Adams	19003	R	Acrolein	3.24E-03	3.24E-03	3.24E-03	3.87E-03	3.87E-03	4.51E-03	4.51E-03	4.51E-03	0.00E+00	1.29E-03	2.05E-03	5.30E-04	0.00E+00
Iowa	Adams	19003	R	Acrylonitrile	8.20E-06	8.20E-06	8.20E-06	8.42E-06	8.42E-06	8.64E-06	8.64E-06	8.64E-06	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Arsenic Compounds	3.84E-07	3.84E-07	3.84E-07	6.03E-07	6.03E-07	8.22E-07	8.22E-07	8.22E-07	0.00E+00	5.83E-07	1.87E-08	1.20E-09	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Adams	19003	R	Benzene	5.04E-01	5.04E-01	5.04E-01	5.12E-01	5.12E-01	5.21E-01	5.21E-01	5.21E-01	0.00E+00	3.87E-03	2.50E-02	3.61E-03	4.80E-01
Iowa	Adams	19003	R	Beryllium Compounds	1.08E-07	1.08E-07	1.08E-07	1.69E-07	1.69E-07	2.31E-07	2.31E-07	2.31E-07	0.00E+00	1.69E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	1,3-Butadiene	1.57E-03	1.57E-03	1.57E-03	2.43E-03	2.43E-03	3.30E-03	3.30E-03	3.30E-03	0.00E+00	3.70E-04	1.78E-03	2.87E-04	0.00E+00
Iowa	Adams	19003	R	Cadmium Compounds	5.54E-07	5.54E-07	5.54E-07	7.54E-07	7.54E-07	9.55E-07	9.55E-07	9.55E-07	0.00E+00	7.54E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	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	7.70E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Adams	19003	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	4.51E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Adams	19003	R	Chromium Compounds	3.57E-06	3.57E-06	3.57E-06	4.16E-06	4.16E-06	4.75E-06	4.75E-06	4.75E-06	0.00E+00	1.58E-06	1.25E-06	1.33E-06	0.00E+00
Iowa	Adams	19003	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
Iowa	Adams	19003	R	1,3-Dichloropropene	9.44E-04	9.44E-04	9.44E-04	1.45E-03	1.45E-03	1.96E-03	1.96E-03	1.96E-03	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Diesel Particulate Matter	4.38E-01	4.38E-01	4.38E-01	4.67E-01	4.67E-01	4.96E-01	4.96E-01	4.96E-01	0.00E+00	0.00E+00	1.13E-01	3.54E-01	***
Iowa	Adams	19003	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	6.22E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Adams	19003	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	1.56E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Adams	19003	R	Ethylene Oxide	2.30E-05	2.30E-05	2.30E-05	5.40E-05	5.40E-05	8.49E-05	8.49E-05	8.49E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Formaldehyde	2.76E-01	2.76E-01	2.76E-01	2.82E-01	2.82E-01	2.88E-01	2.88E-01	2.88E-01	0.00E+00	6.93E-03	1.63E-02	8.81E-03	2.50E-01
Iowa	Adams	19003	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	1.40E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Adams	19003	R	Hydrazine	9.29E-11	9.29E-11	9.29E-11	1.42E-10	1.42E-10	1.92E-10	1.92E-10	1.92E-10	0.00E+00	1.42E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Lead Compounds	8.58E-06	8.58E-06	8.58E-06	1.09E-05	1.09E-05	1.32E-05	1.32E-05	1.32E-05	0.00E+00	9.15E-06	1.72E-06	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Manganese Compounds	2.43E-05	2.43E-05	2.43E-05	3.65E-05	3.65E-05	4.87E-05	4.87E-05	4.87E-05	0.00E+00	3.45E-05	4.94E-07	1.47E-06	0.00E+00
Iowa	Adams	19003	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	6.34E-06	1.66E-08	3.78E-07	1.50E-03
Iowa	Adams	19003	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	2.72E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Adams	19003	R	Nickel Compounds	5.82E-06	5.82E-06	5.82E-06	9.12E-06	9.12E-06	1.24E-05	1.24E-05	1.24E-05	0.00E+00	7.51E-06	9.67E-07	6.39E-07	0.00E+00
Iowa	Adams	19003	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	9.31E-04	0.00E+00	0.00E+00	1.40E-01
Iowa	Adams	19003	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Adams	19003	R	Polycyclic Organic Matter	1.19E-03	1.19E-03	1.19E-03	1.75E-03	1.75E-03	2.32E-03	2.32E-03	2.32E-03	0.00E+00	1.74E-03	9.04E-06	1.07E-06	0.00E+00
Iowa	Adams	19003	R	7-PAH	9.33E-05	9.33E-05	9.33E-05	1.31E-04	1.31E-04	1.68E-04	1.68E-04	1.68E-04	0.00E+00	1.26E-04	4.02E-06	5.19E-07	0.00E+00
Iowa	Adams	19003	R	Propylene Dichloride	4.58E-07	4.58E-07	4.58E-07	4.61E-07	4.61E-07	4.63E-07	4.63E-07	4.63E-07	0.00E+00	4.61E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Quinoline	2.69E-09	2.69E-09	2.69E-09	3.30E-09	3.30E-09	3.90E-09	3.90E-09	3.90E-09	0.00E+00	3.30E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	1,1,2,2-Tetrachloroethane	3.21E-06	3.21E-06	3.21E-06	3.29E-06	3.29E-06	3.37E-06	3.37E-06	3.37E-06	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Adams	19003	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	3.36E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Adams	19003	R	Vinyl Chloride	8.00E-06	8.00E-06	8.00E-06	8.22E-06	8.22E-06	8.43E-06	8.43E-06	8.43E-06	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Acetaldehyde	3.26E-02	3.26E-02	3.51E-02	3.69E-02	4.15E-02	4.24E-02	6.06E-02	6.06E-02	3.45E-06	8.63E-03	2.28E-02	1.01E-02	0.00E+00
Iowa	Allamakee	19005	R	Acrolein	8.78E-03	8.78E-03	1.26E-02	1.45E-02	1.47E-02	1.77E-02	1.97E-02	1.97E-02	1.75E-06	1.06E-02	2.88E-03	1.12E-03	0.00E+00
Iowa	Allamakee	19005	R	Acrylonitrile	6.74E-06	6.74E-06	8.27E-06	9.03E-06	9.91E-06	1.20E-05	1.35E-05	1.35E-05	0.00E+00	9.91E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Arsenic Compounds	2.08E-06	2.08E-06	5.57E-06	7.67E-06	6.81E-06	7.68E-06	1.10E-05	1.10E-05	5.04E-06	1.73E-06	3.76E-08	1.50E-09	0.00E+00
Iowa	Allamakee	19005	R	Benzene	5.28E-01	5.28E-01	5.34E-01	5.39E-01	5.47E-01	5.47E-01	5.89E-01	5.89E-01	1.51E-05	2.36E-02	3.66E-02	7.22E-03	4.80E-01
Iowa	Allamakee	19005	R	Beryllium Compounds	2.96E-07	2.96E-07	5.80E-07	7.00E-07	8.07E-07	9.30E-07	1.53E-06	1.53E-06	3.64E-07	4.43E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	1,3-Butadiene	4.10E-03	4.10E-03	5.21E-03	5.71E-03	6.81E-03	6.47E-03	1.25E-02	1.25E-02	0.00E+00	3.70E-03	2.66E-03	4.55E-04	0.00E+00
Iowa	Allamakee	19005	R	Cadmium Compounds	8.97E-07	8.97E-07	1.27E-06	1.97E-06	1.95E-06	2.67E-06	2.95E-06	2.95E-06	5.90E-07	1.36E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	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	1.38E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Allamakee	19005	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	6.85E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Allamakee	19005	R	Chromium Compounds	7.37E-06	7.37E-06	1.25E-05	2.08E-05	1.76E-05	2.33E-05	2.39E-05	2.39E-05	4.25E-06	7.81E-06	2.41E-06	3.13E-06	0.00E+00
Iowa	Allamakee	19005	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
Iowa	Allamakee	19005	R	1,3-Dichloropropene	1.41E-03	1.41E-03	1.64E-03	1.80E-03	3.89E-03	2.26E-03	1.24E-02	1.24E-02	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Diesel Particulate Matter	4.96E-01	4.96E-01	5.04E-01	5.09E-01	5.25E-01	5.18E-01	5.97E-01	5.97E-01	0.00E+00	0.00E+00	1.67E-01	3.58E-01	***
Iowa	Allamakee	19005	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	6.60E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Allamakee	19005	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	2.99E-07	4.91E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Allamakee	19005	R	Ethylene Oxide	2.54E-05	2.54E-05	2.75E-05	2.84E-05	6.04E-05	4.03E-05	1.80E-04	1.80E-04	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Formaldehyde	3.04E-01	3.04E-01	3.17E-01	3.22E-01	3.31E-01	3.34E-01	3.76E-01	3.76E-01	7.56E-05	4.15E-02	2.40E-02	1.52E-02	2.50E-01
Iowa	Allamakee	19005	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	9.06E-08	0.00E+00	0.00E+00	9.30E-05
Iowa	Allamakee	19005	R	Hydrazine	0.00E+00	0.00E+00	4.00E-11	6.18E-11	8.94E-11	1.31E-10	2.15E-10	2.15E-10	0.00E+00	8.94E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Lead Compounds	1.40E-05	1.40E-05	1.60E-05	2.08E-05	2.49E-05	2.14E-05	5.23E-05	5.23E-05	3.42E-06	1.81E-05	3.34E-06	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Manganese Compounds	2.82E-05	2.82E-05	3.35E-05	3.99E-05	6.88E-05	4.01E-05	2.03E-04	2.03E-04	3.42E-06	6.11E-05	9.62E-07	3.36E-06	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Allamakee	19005	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	5.69E-06	6.11E-06	3.30E-08	8.96E-07	1.50E-03
Iowa	Allamakee	19005	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.57E-01	1.55E-01	1.70E-01	1.70E-01	2.05E-06	6.89E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Allamakee	19005	R	Nickel Compounds	1.18E-05	1.18E-05	3.05E-05	3.37E-05	3.64E-05	3.72E-05	6.87E-05	6.87E-05	4.99E-06	2.81E-05	1.86E-06	1.44E-06	0.00E+00
Iowa	Allamakee	19005	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.46E-01	1.43E-01	1.57E-01	1.57E-01	3.04E-07	5.76E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Allamakee	19005	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	1.92E-11	0.00E+00	0.00E+00	3.80E-04
Iowa	Allamakee	19005	R	Polycyclic Organic Matter	2.60E-03	2.60E-03	3.04E-03	3.51E-03	5.69E-03	5.86E-03	1.34E-02	1.34E-02	1.45E-07	5.67E-03	1.73E-05	2.76E-06	0.00E+00
Iowa	Allamakee	19005	R	7-PAH	2.50E-04	2.50E-04	2.91E-04	3.25E-04	4.53E-04	4.40E-04	9.59E-04	9.59E-04	8.04E-09	4.44E-04	7.69E-06	1.34E-06	0.00E+00
Iowa	Allamakee	19005	R	Propylene Dichloride	3.51E-07	3.51E-07	4.03E-07	5.39E-07	4.97E-07	5.69E-07	6.23E-07	6.23E-07	0.00E+00	4.97E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Quinoline	0.00E+00	0.00E+00	1.21E-09	1.55E-09	1.98E-09	3.12E-09	4.00E-09	4.00E-09	0.00E+00	1.98E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	1,1,2,2-Tetrachloroethane	2.55E-06	2.55E-06	3.60E-06	4.61E-06	4.27E-06	5.18E-06	5.40E-06	5.40E-06	0.00E+00	4.27E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Allamakee	19005	R	Trichloroethylene	8.21E-02	8.21E-02	8.35E-02	8.41E-02	8.40E-02	8.42E-02	8.59E-02	8.59E-02	0.00E+00	2.97E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Allamakee	19005	R	Vinyl Chloride	1.11E-05	1.11E-05	1.50E-05	1.75E-05	1.97E-05	1.97E-05	3.52E-05	3.52E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Acetaldehyde	1.69E-02	1.69E-02	1.84E-02	1.97E-02	2.86E-02	4.21E-02	4.57E-02	4.57E-02	2.56E-06	5.28E-03	1.51E-02	8.15E-03	0.00E+00
Iowa	Appanoose	19007	R	Acrolein	4.61E-03	4.61E-03	4.66E-03	4.83E-03	7.69E-03	1.17E-02	1.27E-02	1.27E-02	1.30E-06	4.64E-03	2.01E-03	1.04E-03	0.00E+00
Iowa	Appanoose	19007	R	Acrylonitrile	1.30E-05	1.30E-05	1.41E-05	1.55E-05	1.83E-05	2.11E-05	2.80E-05	2.80E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Arsenic Compounds	1.11E-06	1.11E-06	2.71E-06	2.93E-06	3.85E-06	6.03E-06	6.46E-06	6.46E-06	1.88E-06	1.92E-06	4.77E-08	1.77E-09	0.00E+00
Iowa	Appanoose	19007	R	Benzene	5.05E-01	5.05E-01	5.07E-01	5.07E-01	5.38E-01	5.79E-01	5.89E-01	5.89E-01	6.79E-06	1.16E-02	3.95E-02	6.35E-03	4.80E-01
Iowa	Appanoose	19007	R	Beryllium Compounds	1.34E-07	1.34E-07	2.42E-07	2.68E-07	6.69E-07	1.32E-06	1.38E-06	1.38E-06	9.90E-08	5.70E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	1,3-Butadiene	2.22E-03	2.22E-03	2.35E-03	2.57E-03	6.69E-03	1.25E-02	1.38E-02	1.38E-02	0.00E+00	2.15E-03	4.01E-03	5.34E-04	0.00E+00
Iowa	Appanoose	19007	R	Cadmium Compounds	5.56E-07	5.56E-07	7.72E-07	8.79E-07	1.49E-06	2.47E-06	2.76E-06	2.76E-06	2.46E-07	1.24E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	9.10E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Appanoose	19007	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	7.85E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Appanoose	19007	R	Chromium Compounds	3.44E-06	3.44E-06	5.64E-06	1.11E-05	1.20E-05	1.84E-05	2.15E-05	2.15E-05	1.23E-06	4.32E-06	2.96E-06	3.49E-06	0.00E+00
Iowa	Appanoose	19007	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
Iowa	Appanoose	19007	R	1,3-Dichloropropene	9.74E-04	9.74E-04	1.16E-03	1.21E-03	6.12E-03	1.35E-02	1.38E-02	1.38E-02	0.00E+00	6.12E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Diesel Particulate Matter	3.66E-01	3.66E-01	3.72E-01	3.82E-01	4.16E-01	4.68E-01	4.91E-01	4.91E-01	0.00E+00	0.00E+00	1.18E-01	2.98E-01	***
Iowa	Appanoose	19007	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	9.69E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Appanoose	19007	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	2.09E-07	3.23E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Appanoose	19007	R	Ethylene Oxide	1.24E-05	1.24E-05	1.55E-05	2.96E-05	7.86E-05	1.62E-04	1.74E-04	1.74E-04	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Formaldehyde	2.80E-01	2.80E-01	2.80E-01	2.81E-01	3.07E-01	3.43E-01	3.51E-01	3.51E-01	1.31E-06	2.20E-02	2.16E-02	1.33E-02	2.50E-01
Iowa	Appanoose	19007	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	1.10E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Appanoose	19007	R	Hydrazine	5.42E-11	5.42E-11	8.09E-11	8.72E-11	9.39E-11	9.57E-11	1.51E-10	1.51E-10	0.00E+00	9.39E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Lead Compounds	1.15E-05	1.15E-05	1.72E-05	2.24E-05	6.58E-05	1.34E-04	1.44E-04	1.44E-04	2.01E-06	5.87E-05	4.17E-06	8.54E-07	0.00E+00
Iowa	Appanoose	19007	R	Manganese Compounds	1.81E-05	1.81E-05	2.50E-05	2.91E-05	1.05E-04	2.23E-04	2.32E-04	2.32E-04	2.31E-06	9.81E-05	1.22E-06	3.72E-06	0.00E+00
Iowa	Appanoose	19007	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	5.89E-07	6.13E-06	4.12E-08	9.87E-07	1.50E-03
Iowa	Appanoose	19007	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.59E-01	1.68E-01	1.70E-01	1.70E-01	1.46E-06	8.93E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Appanoose	19007	R	Nickel Compounds	6.08E-06	6.08E-06	1.27E-05	1.90E-05	2.68E-05	4.20E-05	5.41E-05	5.41E-05	1.29E-06	2.16E-05	2.29E-06	1.63E-06	0.00E+00
Iowa	Appanoose	19007	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.48E-01	1.58E-01	1.59E-01	1.59E-01	2.16E-07	8.04E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Appanoose	19007	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Appanoose	19007	R	Polycyclic Organic Matter	1.31E-03	1.31E-03	1.54E-03	1.59E-03	5.99E-03	1.25E-02	1.30E-02	1.30E-02	9.78E-08	5.97E-03	2.08E-05	2.33E-06	0.00E+00
Iowa	Appanoose	19007	R	7-PAH	1.28E-04	1.28E-04	1.44E-04	1.52E-04	4.40E-04	8.67E-04	9.08E-04	9.08E-04	1.99E-09	4.29E-04	9.24E-06	1.10E-06	0.00E+00
Iowa	Appanoose	19007	R	Propylene Dichloride	7.40E-07	7.40E-07	7.86E-07	8.75E-07	1.03E-06	1.19E-06	1.58E-06	1.58E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Quinoline	8.56E-10	8.56E-10	1.05E-09	1.07E-09	1.14E-09	1.12E-09	1.62E-09	1.62E-09	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	1,1,2,2-Tetrachloroethane	6.12E-06	6.12E-06	6.50E-06	7.30E-06	8.64E-06	9.99E-06	1.33E-05	1.33E-05	0.00E+00	8.64E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Appanoose	19007	R	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.14E-02	8.18E-02	8.25E-02	8.28E-02	8.28E-02	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Appanoose	19007	R	Vinyl Chloride	1.51E-05	1.51E-05	1.60E-05	1.80E-05	2.13E-05	2.47E-05	3.28E-05	3.28E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Acetaldehyde	3.05E-02	3.05E-02	3.05E-02	4.48E-02	4.07E-02	4.68E-02	4.68E-02	4.68E-02	0.00E+00	4.39E-03	2.35E-02	1.28E-02	0.00E+00
Iowa	Audubon	19009	R	Acrolein	4.42E-03	4.42E-03	4.42E-03	5.60E-03	5.27E-03	5.80E-03	5.80E-03	5.80E-03	0.00E+00	1.17E-03	2.97E-03	1.13E-03	0.00E+00
Iowa	Audubon	19009	R	Acrylonitrile	1.52E-05	1.52E-05	1.52E-05	1.94E-05	1.82E-05	2.02E-05	2.02E-05	2.02E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Arsenic Compounds	5.67E-07	5.67E-07	5.67E-07	2.41E-06	1.80E-06	2.43E-06	2.43E-06	2.43E-06	0.00E+00	1.77E-06	3.42E-08	2.47E-09	0.00E+00
Iowa	Audubon	19009	R	Benzene	5.11E-01	5.11E-01	5.11E-01	5.39E-01	5.30E-01	5.40E-01	5.40E-01	5.40E-01	0.00E+00	7.60E-03	3.63E-02	5.98E-03	4.80E-01
Iowa	Audubon	19009	R	Beryllium Compounds	1.58E-07	1.58E-07	1.58E-07	6.83E-07	5.10E-07	6.89E-07	6.89E-07	6.89E-07	0.00E+00	5.10E-07	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Audubon	19009	R	1,3-Butadiene	2.07E-03	2.07E-03	2.07E-03	3.81E-03	3.24E-03	3.84E-03	3.84E-03	3.84E-03	0.00E+00	1.94E-04	2.57E-03	4.79E-04	0.00E+00
Iowa	Audubon	19009	R	Cadmium Compounds	7.11E-07	7.11E-07	7.11E-07	1.67E-06	1.36E-06	1.72E-06	1.72E-06	1.72E-06	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	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	1.11E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Audubon	19009	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	7.28E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Audubon	19009	R	Chromium Compounds	8.83E-06	8.83E-06	8.83E-06	1.19E-05	1.11E-05	1.24E-05	1.24E-05	1.24E-05	0.00E+00	5.53E-06	2.31E-06	3.22E-06	0.00E+00
Iowa	Audubon	19009	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
Iowa	Audubon	19009	R	1,3-Dichloropropene	1.45E-03	1.45E-03	1.45E-03	5.11E-03	3.91E-03	5.17E-03	5.17E-03	5.17E-03	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Diesel Particulate Matter	5.00E-01	5.00E-01	5.00E-01	6.06E-01	5.72E-01	6.08E-01	6.08E-01	6.08E-01	0.00E+00	0.00E+00	1.14E-01	4.58E-01	***
Iowa	Audubon	19009	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	8.48E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Audubon	19009	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	4.57E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Audubon	19009	R	Ethylene Oxide	1.69E-05	1.69E-05	1.69E-05	9.94E-05	7.21E-05	1.00E-04	1.00E-04	1.00E-04	0.00E+00	7.21E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Formaldehyde	2.86E-01	2.86E-01	2.86E-01	3.04E-01	2.99E-01	3.06E-01	3.06E-01	3.06E-01	0.00E+00	7.19E-03	2.32E-02	1.82E-02	2.50E-01
Iowa	Audubon	19009	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.40E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Audubon	19009	R	Hydrazine	7.49E-12	7.49E-12	7.49E-12	7.60E-12	8.32E-12	9.87E-12	9.87E-12	9.87E-12	0.00E+00	8.32E-12	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Lead Compounds	1.23E-05	1.23E-05	1.23E-05	5.91E-05	4.37E-05	5.98E-05	5.98E-05	5.98E-05	0.00E+00	4.05E-05	3.21E-06	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Manganese Compounds	2.25E-05	2.25E-05	2.25E-05	7.00E-05	5.45E-05	7.11E-05	7.11E-05	7.11E-05	0.00E+00	5.02E-05	9.20E-07	3.43E-06	0.00E+00
Iowa	Audubon	19009	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	8.54E-06	3.10E-08	9.22E-07	1.50E-03
Iowa	Audubon	19009	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.64E-01	1.60E-01	1.64E-01	1.64E-01	1.64E-01	0.00E+00	1.00E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Audubon	19009	R	Nickel Compounds	8.13E-06	8.13E-06	8.13E-06	3.90E-05	2.88E-05	3.92E-05	3.92E-05	3.92E-05	0.00E+00	2.55E-05	1.78E-06	1.48E-06	0.00E+00
Iowa	Audubon	19009	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.50E-01	1.47E-01	1.51E-01	1.51E-01	1.51E-01	5.22E-03	2.11E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Audubon	19009	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Audubon	19009	R	Polycyclic Organic Matter	1.77E-03	1.77E-03	1.77E-03	5.37E-03	4.19E-03	5.44E-03	5.44E-03	5.44E-03	0.00E+00	4.17E-03	1.66E-05	1.72E-06	0.00E+00
Iowa	Audubon	19009	R	7-PAH	1.39E-04	1.39E-04	1.39E-04	3.21E-04	2.62E-04	3.26E-04	3.26E-04	3.26E-04	0.00E+00	2.54E-04	7.36E-06	7.98E-07	0.00E+00
Iowa	Audubon	19009	R	Propylene Dichloride	8.25E-07	8.25E-07	8.25E-07	1.07E-06	9.99E-07	1.11E-06	1.11E-06	1.11E-06	0.00E+00	9.99E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Quinoline	2.10E-10	2.10E-10	2.10E-10	2.12E-10	2.38E-10	2.91E-10	2.91E-10	2.91E-10	0.00E+00	2.38E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	1,1,2,2-Tetrachloroethane	6.70E-06	6.70E-06	6.70E-06	8.80E-06	8.21E-06	9.13E-06	9.13E-06	9.13E-06	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Audubon	19009	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.27E-02	8.23E-02	8.28E-02	8.28E-02	8.28E-02	0.00E+00	1.27E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Audubon	19009	R	Vinyl Chloride	1.65E-05	1.65E-05	1.65E-05	2.17E-05	2.02E-05	2.25E-05	2.25E-05	2.25E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Acetaldehyde	4.68E-02	4.68E-02	5.77E-02	9.71E-02	9.04E-02	1.17E-01	1.28E-01	1.28E-01	8.77E-06	7.35E-03	6.29E-02	2.01E-02	0.00E+00
Iowa	Benton	19011	R	Acrolein	7.25E-03	7.25E-03	8.01E-03	1.37E-02	1.26E-02	1.45E-02	2.00E-02	2.00E-02	2.28E-04	3.00E-03	6.99E-03	2.34E-03	0.00E+00
Iowa	Benton	19011	R	Acrylonitrile	4.13E-05	4.13E-05	5.83E-05	6.15E-05	7.00E-05	8.20E-05	4.52E-03	4.52E-03	6.55E-04	4.51E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Arsenic Compounds	1.96E-06	1.96E-06	7.21E-06	1.09E-05	9.54E-06	1.25E-05	1.50E-05	1.50E-05	6.86E-06	2.62E-06	5.68E-08	4.85E-09	0.00E+00
Iowa	Benton	19011	R	Benzene	5.38E-01	5.38E-01	5.41E-01	5.69E-01	5.74E-01	5.77E-01	6.74E-01	6.74E-01	6.82E-05	1.30E-02	7.01E-02	1.11E-02	4.80E-01
Iowa	Benton	19011	R	Beryllium Compounds	5.75E-07	5.75E-07	6.68E-07	1.04E-06	1.12E-06	1.19E-06	2.50E-06	2.50E-06	3.61E-07	7.58E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	1,3-Butadiene	2.78E-03	2.78E-03	2.99E-03	4.06E-03	5.10E-03	4.16E-03	1.37E-02	1.37E-02	1.55E-05	7.43E-04	3.72E-03	6.23E-04	0.00E+00
Iowa	Benton	19011	R	Cadmium Compounds	1.18E-06	1.18E-06	3.11E-06	6.29E-06	4.93E-06	6.54E-06	7.30E-06	7.30E-06	8.94E-07	4.03E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.08E-08	2.65E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Benton	19011	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	1.79E-07	1.72E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Benton	19011	R	Chromium Compounds	4.69E-05	4.69E-05	1.64E-04	3.36E-04	3.09E-04	4.43E-04	5.65E-04	5.65E-04	5.98E-05	2.41E-04	3.76E-06	5.36E-06	0.00E+00
Iowa	Benton	19011	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
Iowa	Benton	19011	R	1,3-Dichloropropene	2.90E-03	2.90E-03	3.27E-03	5.07E-03	6.38E-03	5.98E-03	1.76E-02	1.76E-02	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Diesel Particulate Matter	5.13E-01	5.13E-01	5.19E-01	5.29E-01	5.65E-01	5.62E-01	7.42E-01	7.42E-01	0.00E+00	0.00E+00	1.50E-01	4.15E-01	***
Iowa	Benton	19011	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	9.39E-09	2.63E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Benton	19011	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	2.79E-06	8.82E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Benton	19011	R	Ethylene Oxide	4.35E-05	4.35E-05	8.49E-05	1.84E-04	1.75E-04	2.33E-04	3.67E-04	3.67E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Formaldehyde	3.09E-01	3.09E-01	3.13E-01	3.49E-01	3.50E-01	3.68E-01	4.20E-01	4.20E-01	6.62E-05	1.64E-02	5.28E-02	3.05E-02	2.50E-01
Iowa	Benton	19011	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	0.00E+00	1.50E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Benton	19011	R	Hydrazine	5.12E-12	5.12E-12	5.11E-11	9.48E-11	1.96E-10	2.43E-10	7.57E-10	7.57E-10	0.00E+00	1.96E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Lead Compounds	7.10E-05	7.10E-05	9.51E-05	1.76E-04	1.57E-04	2.21E-04	2.29E-04	2.29E-04	7.32E-06	6.19E-05	5.20E-06	8.24E-05	0.00E+00
Iowa	Benton	19011	R	Manganese Compounds	1.03E-04	1.03E-04	1.10E-04	2.35E-04	2.41E-04	3.36E-04	4.36E-04	4.36E-04	1.09E-04	1.24E-04	1.49E-06	5.85E-06	0.00E+00
Iowa	Benton	19011	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	2.16E-06	2.23E-05	5.05E-08	1.55E-06	1.50E-03
Iowa	Benton	19011	R	Methylene Chloride	1.56E-01	1.56E-01	1.57E-01	1.67E-01	1.71E-01	1.72E-01	2.12E-01	2.12E-01	3.94E-03	1.66E-02	0.00E+00	0.00E+00	1.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Benton	19011	R	Nickel Compounds	3.03E-05	3.03E-05	1.39E-04	2.78E-04	2.41E-04	3.69E-04	3.79E-04	3.79E-04	3.88E-05	1.96E-04	2.90E-06	2.48E-06	0.00E+00
Iowa	Benton	19011	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.46E-01	1.45E-01	1.55E-01	1.55E-01	3.07E-05	5.60E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Benton	19011	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Benton	19011	R	Polycyclic Organic Matter	3.39E-03	3.39E-03	3.91E-03	5.86E-03	7.26E-03	6.16E-03	2.00E-02	2.00E-02	3.70E-07	7.23E-03	2.71E-05	4.67E-06	0.00E+00
Iowa	Benton	19011	R	7-PAH	2.28E-04	2.28E-04	2.63E-04	3.89E-04	4.61E-04	4.05E-04	1.16E-03	1.16E-03	7.27E-09	4.47E-04	1.21E-05	1.78E-06	0.00E+00
Iowa	Benton	19011	R	Propylene Dichloride	2.40E-06	2.40E-06	3.40E-06	3.56E-06	3.61E-06	4.11E-06	4.75E-06	4.75E-06	1.02E-06	2.60E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Quinoline	1.40E-10	1.40E-10	1.62E-09	2.99E-09	5.75E-09	6.73E-09	2.30E-08	2.30E-08	0.00E+00	5.75E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	1,1,2,2-Tetrachloroethane	2.10E-05	2.10E-05	2.79E-05	2.95E-05	3.03E-05	3.46E-05	3.95E-05	3.95E-05	9.31E-06	2.09E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Benton	19011	R	Trichloroethylene	8.18E-02	8.18E-02	8.19E-02	8.24E-02	8.30E-02	8.27E-02	8.77E-02	8.77E-02	1.79E-05	2.03E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Benton	19011	R	Vinyl Chloride	5.17E-05	5.17E-05	6.91E-05	7.28E-05	7.47E-05	8.54E-05	9.74E-05	9.74E-05	2.29E-05	5.18E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Acetaldehyde	1.56E-01	2.30E-01	2.64E-01	3.19E-01	3.08E-01	3.56E-01	3.78E-01	3.85E-01	1.87E-05	2.41E-02	2.26E-01	5.82E-02	0.00E+00
Iowa	Black Hawk	19013	U	Acrolein	1.90E-02	2.69E-02	3.09E-02	3.98E-02	3.84E-02	4.64E-02	4.89E-02	4.93E-02	9.52E-06	6.24E-03	2.47E-02	7.40E-03	0.00E+00
Iowa	Black Hawk	19013	U	Acrylonitrile	3.25E-04	3.42E-04	4.03E-04	4.70E-04	4.86E-04	5.70E-04	6.08E-04	6.57E-04	4.55E-04	3.08E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Arsenic Compounds	6.71E-06	1.35E-05	2.84E-05	3.97E-05	3.99E-05	5.41E-05	6.34E-05	7.09E-05	1.34E-05	2.62E-05	2.04E-07	3.01E-08	0.00E+00
Iowa	Black Hawk	19013	U	Benzene	6.49E-01	7.31E-01	8.04E-01	1.02E+00	9.92E-01	1.13E+00	1.25E+00	1.29E+00	1.22E-03	2.45E-02	4.23E-01	6.30E-02	4.80E-01
Iowa	Black Hawk	19013	U	Beryllium Compounds	1.04E-06	2.22E-06	4.57E-06	7.74E-06	7.67E-06	1.14E-05	1.25E-05	1.28E-05	6.90E-07	6.98E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	1,3-Butadiene	1.30E-02	1.72E-02	2.63E-02	5.04E-02	4.81E-02	6.17E-02	7.78E-02	8.44E-02	0.00E+00	7.86E-04	3.98E-02	7.58E-03	0.00E+00
Iowa	Black Hawk	19013	U	Cadmium Compounds	7.71E-06	1.12E-05	1.63E-05	2.09E-05	2.12E-05	2.64E-05	2.94E-05	3.37E-05	1.68E-06	1.95E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.34E-07	9.53E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Black Hawk	19013	U	Chloroform	8.34E-02	8.36E-02	8.37E-02	8.38E-02	8.38E-02	8.40E-02	8.41E-02	8.42E-02	4.85E-06	8.31E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Black Hawk	19013	U	Chromium Compounds	1.63E-04	3.54E-04	6.48E-04	1.18E-03	1.37E-03	1.66E-03	2.13E-03	4.90E-03	3.08E-05	1.30E-03	1.29E-05	2.32E-05	0.00E+00
Iowa	Black Hawk	19013	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
Iowa	Black Hawk	19013	U	1,3-Dichloropropene	7.08E-03	1.23E-02	2.45E-02	5.46E-02	4.89E-02	6.46E-02	8.54E-02	9.07E-02	0.00E+00	4.89E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Diesel Particulate Matter	6.98E-01	7.96E-01	8.82E-01	1.02E+00	1.03E+00	1.12E+00	1.23E+00	1.66E+00	0.00E+00	0.00E+00	3.27E-01	7.02E-01	***
Iowa	Black Hawk	19013	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	2.55E-07	1.23E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Black Hawk	19013	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	5.64E-05	9.25E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Black Hawk	19013	U	Ethylene Oxide	1.81E-04	3.30E-04	8.72E-04	1.44E-03	1.54E-03	2.43E-03	2.80E-03	3.13E-03	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Formaldehyde	4.17E-01	4.87E-01	5.19E-01	6.06E-01	5.96E-01	6.67E-01	6.98E-01	7.11E-01	1.00E-04	3.26E-02	2.23E-01	9.05E-02	2.50E-01
Iowa	Black Hawk	19013	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	0.00E+00	1.91E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Black Hawk	19013	U	Hydrazine	2.11E-10	5.53E-10	1.24E-09	2.90E-09	3.90E-09	4.95E-09	6.78E-09	1.71E-08	0.00E+00	3.90E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Lead Compounds	1.12E-04	1.66E-04	2.45E-04	3.19E-04	3.20E-04	4.00E-04	4.59E-04	4.68E-04	1.38E-05	2.60E-04	1.82E-05	2.80E-05	0.00E+00
Iowa	Black Hawk	19013	U	Manganese Compounds	1.92E-04	4.55E-04	9.37E-04	1.62E-03	1.56E-03	2.02E-03	2.53E-03	3.88E-03	5.67E-05	1.47E-03	5.34E-06	2.72E-05	0.00E+00
Iowa	Black Hawk	19013	U	Mercury Compounds	1.58E-03	1.59E-03	1.61E-03	1.62E-03	1.63E-03	1.64E-03	1.66E-03	1.68E-03	2.98E-06	1.16E-04	1.74E-07	6.23E-06	1.50E-03
Iowa	Black Hawk	19013	U	Methylene Chloride	1.68E-01	1.92E-01	2.35E-01	3.03E-01	3.02E-01	3.41E-01	4.07E-01	5.97E-01	1.65E-03	1.51E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Black Hawk	19013	U	Nickel Compounds	6.44E-05	1.43E-04	2.82E-04	5.34E-04	5.38E-04	6.32E-04	8.82E-04	1.79E-03	2.84E-05	4.87E-04	1.01E-05	1.29E-05	0.00E+00
Iowa	Black Hawk	19013	U	Perchloroethylene	1.56E-01	1.68E-01	2.02E-01	2.70E-01	2.63E-01	3.15E-01	3.54E-01	3.63E-01	8.36E-04	1.22E-01	0.00E+00	0.00E+00	1.40E-01
Iowa	Black Hawk	19013	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Black Hawk	19013	U	Polycyclic Organic Matter	7.66E-03	1.34E-02	2.43E-02	5.08E-02	4.62E-02	6.08E-02	7.88E-02	8.37E-02	6.40E-07	4.61E-02	9.12E-05	1.79E-05	0.00E+00
Iowa	Black Hawk	19013	U	7-PAH	5.20E-04	8.62E-04	1.50E-03	3.01E-03	2.74E-03	3.59E-03	4.60E-03	4.98E-03	1.31E-08	2.69E-03	4.05E-05	8.52E-06	0.00E+00
Iowa	Black Hawk	19013	U	Propylene Dichloride	1.93E-05	2.04E-05	2.39E-05	2.79E-05	2.89E-05	3.39E-05	3.61E-05	3.92E-05	2.76E-05	1.29E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Quinoline	2.59E-09	3.60E-09	6.02E-09	1.12E-08	1.29E-08	1.58E-08	2.04E-08	4.58E-08	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	1,1,2,2-Tetrachloroethane	1.70E-04	1.79E-04	2.11E-04	2.46E-04	2.55E-04	2.99E-04	3.19E-04	3.44E-04	2.53E-04	2.00E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Black Hawk	19013	U	Trichloroethylene	8.60E-02	9.27E-02	1.03E-01	1.27E-01	1.28E-01	1.36E-01	1.59E-01	2.45E-01	5.00E-04	4.68E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Black Hawk	19013	U	Vinyl Chloride	4.19E-04	4.41E-04	5.20E-04	6.06E-04	6.27E-04	7.37E-04	7.85E-04	8.47E-04	6.22E-04	5.50E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	Acetaldehyde	5.99E-02	5.99E-02	8.30E-02	1.46E-01	1.27E-01	1.65E-01	1.76E-01	1.76E-01	2.66E-06	1.91E-02	7.90E-02	2.91E-02	0.00E+00
Iowa	Boone	19015	U	Acrolein	9.43E-03	9.43E-03	1.10E-02	2.00E-02	2.22E-02	3.11E-02	4.13E-02	4.13E-02	1.36E-06	9.50E-03	9.14E-03	3.60E-03	0.00E+00
Iowa	Boone	19015	U	Acrylonitrile	1.05E-04	1.05E-04	1.56E-04	1.98E-04	1.85E-04	2.10E-04	2.30E-04	2.30E-04	5.04E-05	1.34E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	Arsenic Compounds	3.84E-06	3.84E-06	4.70E-06	8.04E-06	1.34E-05	2.45E-05	2.89E-05	2.89E-05	1.75E-06	1.15E-05	1.45E-07	9.32E-09	0.00E+00
Iowa	Boone	19015	U	Benzene	5.43E-01	5.43E-01	5.58E-01	6.19E-01	6.64E-01	7.77E-01	8.49E-01	8.49E-01	1.37E-04	2.36E-02	1.24E-01	3.65E-02	4.80E-01
Iowa	Boone	19015	U	Beryllium Compounds	5.27E-07	5.27E-07	7.13E-07	1.25E-06	2.69E-06	5.50E-06	6.76E-06	6.76E-06	9.52E-08	2.60E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	1,3-Butadiene	3.39E-03	3.39E-03	3.86E-03	5.32E-03	1.81E-02	3.62E-02	4.29E-02	4.29E-02	0.00E+00	4.77E-03	9.72E-03	3.60E-03	0.00E+00
Iowa	Boone	19015	U	Cadmium Compounds	6.86E-06	6.86E-06	8.58E-06	1.68E-05	1.65E-05	2.36E-05	2.53E-05	2.53E-05	2.36E-07	1.63E-05	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Iowa																	
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
Iowa	Boone	19015	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	9.24E-08	4.64E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Boone	19015	U	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	5.38E-07	3.14E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Boone	19015	U	Chromium Compounds	1.33E-05	1.33E-05	2.07E-05	4.30E-05	4.21E-05	6.25E-05	6.28E-05	6.28E-05	8.54E-06	1.62E-05	9.59E-06	7.81E-06	0.00E+00
Iowa	Boone	19015	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
Iowa	Boone	19015	U	1,3-Dichloropropene	3.56E-03	3.56E-03	4.61E-03	7.49E-03	2.09E-02	4.21E-02	5.76E-02	5.76E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	Diesel Particulate Matter	5.41E-01	5.41E-01	5.42E-01	5.85E-01	7.14E-01	9.07E-01	1.02E+00	1.02E+00	0.00E+00	0.00E+00	1.62E-01	5.51E-01	***
Iowa	Boone	19015	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	2.82E-08	2.29E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Boone	19015	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	6.30E-06	1.91E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Boone	19015	U	Ethylene Oxide	9.92E-05	9.92E-05	1.49E-04	3.11E-04	7.51E-04	1.72E-03	2.00E-03	2.00E-03	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	Formaldehyde	3.23E-01	3.23E-01	3.40E-01	4.21E-01	4.24E-01	5.03E-01	5.35E-01	5.35E-01	1.48E-06	5.18E-02	7.81E-02	4.40E-02	2.50E-01
Iowa	Boone	19015	U	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	2.50E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Boone	19015	U	Hydrazine	7.13E-10	7.13E-10	1.55E-09	4.18E-09	7.00E-08	1.73E-07	2.19E-07	2.19E-07	0.00E+00	7.00E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	Lead Compounds	7.03E-05	7.03E-05	9.27E-05	1.98E-04	2.00E-04	2.95E-04	3.32E-04	3.32E-04	1.92E-06	1.58E-04	1.35E-05	2.64E-05	0.00E+00
Iowa	Boone	19015	U	Manganese Compounds	6.77E-05	6.77E-05	9.08E-05	1.47E-04	3.36E-04	6.72E-04	8.57E-04	8.57E-04	2.17E-06	3.20E-04	3.89E-06	9.44E-06	0.00E+00
Iowa	Boone	19015	U	Mercury Compounds	1.53E-03	1.53E-03	1.55E-03	1.56E-03	1.56E-03	1.57E-03	1.58E-03	1.58E-03	1.19E-06	5.50E-05	1.31E-07	2.13E-06	1.50E-03
Iowa	Boone	19015	U	Methylene Chloride	1.57E-01	1.57E-01	1.59E-01	1.67E-01	1.98E-01	2.54E-01	2.81E-01	2.81E-01	1.79E-04	4.77E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Boone	19015	U	Nickel Compounds	2.52E-05	2.52E-05	3.29E-05	5.87E-05	1.58E-04	3.48E-04	4.19E-04	4.19E-04	1.33E-06	1.45E-04	7.37E-06	4.34E-06	0.00E+00
Iowa	Boone	19015	U	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.51E-01	1.63E-01	1.87E-01	2.03E-01	2.03E-01	9.05E-05	2.33E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Boone	19015	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Boone	19015	U	Polycyclic Organic Matter	4.21E-03	4.21E-03	5.19E-03	8.55E-03	2.04E-02	3.97E-02	5.11E-02	5.11E-02	1.77E-05	2.03E-02	6.81E-05	1.15E-05	0.00E+00
Iowa	Boone	19015	U	7-PAH	3.23E-04	3.23E-04	3.70E-04	5.76E-04	1.41E-03	2.62E-03	3.26E-03	3.26E-03	2.03E-09	1.38E-03	3.03E-05	5.61E-06	0.00E+00
Iowa	Boone	19015	U	Propylene Dichloride	6.28E-06	6.28E-06	9.30E-06	1.33E-05	1.22E-05	1.53E-05	1.62E-05	1.62E-05	3.05E-06	9.10E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	Quinoline	1.33E-08	1.33E-08	2.35E-08	2.51E-08	2.07E-07	4.98E-07	5.96E-07	5.96E-07	0.00E+00	2.07E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	1,1,2,2-Tetrachloroethane	5.36E-05	5.36E-05	7.98E-05	9.65E-05	9.11E-05	9.71E-05	1.18E-04	1.18E-04	2.80E-05	6.31E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Boone	19015	U	Trichloroethylene	8.21E-02	8.21E-02	8.27E-02	8.57E-02	8.91E-02	9.83E-02	1.02E-01	1.02E-01	5.41E-05	8.10E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Boone	19015	U	Vinyl Chloride	1.33E-04	1.33E-04	1.97E-04	2.47E-04	2.30E-04	2.55E-04	2.91E-04	2.91E-04	6.89E-05	1.62E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	Acetaldehyde	7.67E-02	7.67E-02	8.80E-02	1.15E-01	1.25E-01	1.67E-01	1.82E-01	1.82E-01	3.13E-06	1.25E-02	8.13E-02	3.10E-02	0.00E+00
Iowa	Bremer	19017	R	Acrolein	1.07E-02	1.07E-02	1.10E-02	1.55E-02	1.85E-02	2.72E-02	2.99E-02	2.99E-02	1.59E-06	5.90E-03	9.12E-03	3.46E-03	0.00E+00
Iowa	Bremer	19017	R	Acrylonitrile	3.53E-05	3.53E-05	5.61E-05	7.67E-05	7.11E-05	8.15E-05	1.05E-04	1.05E-04	5.64E-05	1.47E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	Arsenic Compounds	2.79E-06	2.79E-06	3.68E-06	5.90E-06	1.00E-05	1.83E-05	2.16E-05	2.16E-05	2.25E-06	7.71E-06	6.16E-08	1.01E-08	0.00E+00
Iowa	Bremer	19017	R	Benzene	5.65E-01	5.65E-01	5.74E-01	6.01E-01	6.37E-01	7.15E-01	7.50E-01	7.50E-01	1.54E-04	1.42E-02	1.28E-01	1.45E-02	4.80E-01
Iowa	Bremer	19017	R	Beryllium Compounds	5.17E-07	5.17E-07	6.02E-07	1.09E-06	2.19E-06	4.24E-06	5.15E-06	5.15E-06	1.18E-07	2.07E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	1,3-Butadiene	4.68E-03	4.68E-03	7.11E-03	8.80E-03	1.38E-02	2.34E-02	2.74E-02	2.74E-02	0.00E+00	2.48E-03	1.02E-02	1.18E-03	0.00E+00
Iowa	Bremer	19017	R	Cadmium Compounds	2.47E-06	2.47E-06	2.70E-06	3.47E-06	5.35E-06	8.85E-06	1.03E-05	1.03E-05	2.94E-07	5.06E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	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	1.03E-07	3.60E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Bremer	19017	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	6.01E-07	2.52E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Bremer	19017	R	Chromium Compounds	8.30E-05	8.30E-05	1.30E-04	4.10E-04	1.49E-03	3.46E-03	3.85E-03	3.85E-03	2.56E-06	1.47E-03	3.99E-06	1.13E-05	0.00E+00
Iowa	Bremer	19017	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
Iowa	Bremer	19017	R	1,3-Dichloropropene	4.24E-03	4.24E-03	4.73E-03	8.75E-03	1.56E-02	2.87E-02	3.61E-02	3.61E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	Diesel Particulate Matter	5.83E-01	5.83E-01	6.07E-01	6.37E-01	7.26E-01	8.84E-01	9.65E-01	9.65E-01	0.00E+00	0.00E+00	1.95E-01	5.30E-01	***
Iowa	Bremer	19017	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	3.15E-08	3.41E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Bremer	19017	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	7.07E-06	2.38E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Bremer	19017	R	Ethylene Oxide	5.47E-05	5.47E-05	7.52E-05	1.10E-04	2.15E-04	4.05E-04	4.89E-04	4.89E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	Formaldehyde	3.48E-01	3.48E-01	3.52E-01	3.80E-01	4.13E-01	4.88E-01	5.18E-01	5.18E-01	2.09E-04	3.27E-02	8.17E-02	4.87E-02	2.50E-01
Iowa	Bremer	19017	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	2.32E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Bremer	19017	R	Hydrazine	4.79E-11	4.79E-11	6.21E-11	8.93E-11	7.99E-11	9.59E-11	9.63E-11	9.63E-11	0.00E+00	7.99E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	Lead Compounds	3.58E-05	3.58E-05	3.94E-05	5.48E-05	9.21E-05	1.60E-04	1.92E-04	1.92E-04	2.41E-06	7.79E-05	5.54E-06	6.23E-06	0.00E+00
Iowa	Bremer	19017	R	Manganese Compounds	9.47E-05	9.47E-05	1.04E-04	1.80E-04	2.93E-04	5.20E-04	6.40E-04	6.40E-04	4.68E-06	2.75E-04	1.59E-06	1.20E-05	0.00E+00
Iowa	Bremer	19017	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	5.43E-07	2.68E-05	5.45E-08	3.21E-06	1.50E-03
Iowa	Bremer	19017	R	Methylene Chloride	1.59E-01	1.59E-01	1.60E-01	1.67E-01	1.90E-01	2.32E-01	2.47E-01	2.47E-01	1.62E-03	3.88E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Bremer	19017	R	Nickel Compounds	2.45E-05	2.45E-05	3.09E-05	6.23E-05	1.72E-04	3.69E-04	4.23E-04	4.23E-04	2.41E-06	1.61E-04	3.08E-06	5.23E-06	0.00E+00
Iowa	Bremer	19017	R	Perchloroethylene	1.45E-01	1.45E-01	1.46E-01	1.51E-01	1.60E-01	1.77E-01	1.85E-01	1.85E-01	1.01E-04	1.95E-02	0.00E+00	0.00E+00	1.40E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Iowa																	
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
Iowa	Bremer	19017	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Bremer	19017	R	Polycyclic Organic Matter	4.74E-03	4.74E-03	5.03E-03	8.99E-03	1.52E-02	2.75E-02	3.37E-02	3.37E-02	1.18E-07	1.52E-02	2.87E-05	4.41E-06	0.00E+00
Iowa	Bremer	19017	R	7-PAH	3.24E-04	3.24E-04	3.42E-04	6.21E-04	9.94E-04	1.78E-03	2.14E-03	2.14E-03	2.41E-09	9.79E-04	1.27E-05	1.92E-06	0.00E+00
Iowa	Bremer	19017	R	Propylene Dichloride	1.96E-06	1.96E-06	3.03E-06	4.34E-06	4.00E-06	4.60E-06	6.08E-06	6.08E-06	3.41E-06	5.86E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	Quinoline	8.81E-10	8.81E-10	1.14E-09	1.62E-09	1.51E-09	1.88E-09	1.94E-09	1.94E-09	0.00E+00	1.51E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	1,1,2,2-Tetrachloroethane	1.62E-05	1.62E-05	2.41E-05	3.65E-05	3.34E-05	3.86E-05	5.25E-05	5.25E-05	3.13E-05	2.11E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Bremer	19017	R	Trichloroethylene	8.23E-02	8.23E-02	8.27E-02	8.40E-02	8.78E-02	9.48E-02	9.71E-02	9.71E-02	6.05E-05	6.74E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Bremer	19017	R	Vinyl Chloride	4.00E-05	4.00E-05	5.95E-05	9.00E-05	8.23E-05	9.51E-05	1.30E-04	1.30E-04	7.70E-05	5.32E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	Acetaldehyde	6.00E-02	6.00E-02	7.39E-02	1.41E-01	1.24E-01	1.62E-01	1.69E-01	1.69E-01	3.14E-06	9.28E-03	8.36E-02	3.15E-02	0.00E+00
Iowa	Buchanan	19019	R	Acrolein	8.12E-03	8.12E-03	1.02E-02	1.68E-02	1.61E-02	2.19E-02	2.26E-02	2.26E-02	1.60E-06	3.20E-03	9.32E-03	3.55E-03	0.00E+00
Iowa	Buchanan	19019	R	Acrylonitrile	3.26E-05	3.26E-05	3.35E-05	9.37E-05	1.20E-04	1.09E-04	3.60E-04	3.60E-04	9.94E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	Arsenic Compounds	1.94E-06	1.94E-06	2.29E-06	6.15E-06	7.41E-06	1.35E-05	1.44E-05	1.44E-05	2.27E-06	5.03E-06	9.57E-08	7.86E-09	0.00E+00
Iowa	Buchanan	19019	R	Benzene	5.42E-01	5.42E-01	5.60E-01	6.13E-01	6.29E-01	7.23E-01	7.27E-01	7.27E-01	2.65E-04	1.67E-02	1.19E-01	1.38E-02	4.80E-01
Iowa	Buchanan	19019	R	Beryllium Compounds	3.25E-07	3.25E-07	5.42E-07	8.94E-07	1.49E-06	3.14E-06	3.17E-06	3.17E-06	1.20E-07	1.37E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	1,3-Butadiene	3.37E-03	3.37E-03	4.42E-03	8.27E-03	1.05E-02	1.92E-02	1.94E-02	1.94E-02	0.00E+00	7.21E-04	8.77E-03	9.98E-04	0.00E+00
Iowa	Buchanan	19019	R	Cadmium Compounds	1.95E-06	1.95E-06	1.98E-06	5.79E-06	5.30E-06	7.86E-06	8.41E-06	8.41E-06	2.98E-07	5.00E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	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	1.82E-07	4.27E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Buchanan	19019	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	1.06E-06	2.96E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Buchanan	19019	R	Chromium Compounds	2.54E-05	2.54E-05	6.14E-05	9.54E-05	9.36E-05	1.18E-04	1.66E-04	1.66E-04	2.28E-06	7.34E-05	6.17E-06	1.18E-05	0.00E+00
Iowa	Buchanan	19019	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
Iowa	Buchanan	19019	R	1,3-Dichloropropene	2.42E-03	2.42E-03	4.81E-03	6.40E-03	1.18E-02	2.52E-02	2.54E-02	2.54E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	Diesel Particulate Matter	5.66E-01	5.66E-01	5.68E-01	6.65E-01	7.35E-01	9.72E-01	9.77E-01	9.77E-01	0.00E+00	0.00E+00	1.94E-01	5.42E-01	***
Iowa	Buchanan	19019	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.56E-08	5.73E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Buchanan	19019	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	1.23E-05	6.80E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Buchanan	19019	R	Ethylene Oxide	8.19E-05	8.19E-05	1.32E-04	1.97E-04	5.65E-04	1.39E-03	1.40E-03	1.40E-03	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	Formaldehyde	3.16E-01	3.16E-01	3.34E-01	4.02E-01	3.97E-01	4.62E-01	4.67E-01	4.67E-01	3.04E-05	1.85E-02	7.82E-02	5.04E-02	2.50E-01
Iowa	Buchanan	19019	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	2.66E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Buchanan	19019	R	Hydrazine	2.01E-11	2.01E-11	2.92E-11	3.85E-11	4.17E-11	4.76E-11	7.62E-11	7.62E-11	0.00E+00	4.17E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	Lead Compounds	1.16E-04	1.16E-04	1.68E-04	1.96E-04	1.91E-04	2.20E-04	2.50E-04	2.50E-04	2.44E-06	1.76E-04	8.62E-06	4.04E-06	0.00E+00
Iowa	Buchanan	19019	R	Manganese Compounds	4.80E-05	4.80E-05	8.94E-05	1.54E-04	2.13E-04	4.14E-04	4.20E-04	4.20E-04	4.17E-06	1.94E-04	2.50E-06	1.25E-05	0.00E+00
Iowa	Buchanan	19019	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.55E-03	1.59E-03	1.59E-03	5.48E-07	3.77E-05	8.41E-08	3.41E-06	1.50E-03
Iowa	Buchanan	19019	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.67E-01	1.80E-01	2.13E-01	2.14E-01	2.14E-01	2.06E-03	2.74E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Buchanan	19019	R	Nickel Compounds	2.69E-05	2.69E-05	2.84E-05	9.21E-05	1.18E-04	2.35E-04	2.36E-04	2.36E-04	2.29E-06	1.06E-04	4.77E-06	5.34E-06	0.00E+00
Iowa	Buchanan	19019	R	Perchloroethylene	1.43E-01	1.43E-01	1.45E-01	1.48E-01	1.52E-01	1.62E-01	1.63E-01	1.63E-01	1.81E-04	1.14E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Buchanan	19019	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Buchanan	19019	R	Polycyclic Organic Matter	2.85E-03	2.85E-03	5.38E-03	7.13E-03	1.20E-02	2.45E-02	2.48E-02	2.48E-02	1.22E-07	1.19E-02	4.40E-05	4.33E-06	0.00E+00
Iowa	Buchanan	19019	R	7-PAH	2.01E-04	2.01E-04	3.68E-04	4.84E-04	7.34E-04	1.43E-03	1.44E-03	1.44E-03	2.45E-09	7.13E-04	1.96E-05	1.87E-06	0.00E+00
Iowa	Buchanan	19019	R	Propylene Dichloride	1.78E-06	1.78E-06	1.83E-06	5.40E-06	6.98E-06	6.27E-06	2.12E-05	2.12E-05	6.01E-06	9.65E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	Quinoline	5.13E-10	5.13E-10	7.78E-10	8.78E-10	9.96E-10	9.85E-10	1.94E-09	1.94E-09	0.00E+00	9.96E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	1,1,2,2-Tetrachloroethane	1.43E-05	1.43E-05	1.43E-05	4.57E-05	6.00E-05	5.33E-05	1.86E-04	1.86E-04	5.51E-05	4.86E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Buchanan	19019	R	Trichloroethylene	8.17E-02	8.17E-02	8.21E-02	8.37E-02	8.49E-02	8.91E-02	8.92E-02	8.92E-02	1.08E-04	3.81E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Buchanan	19019	R	Vinyl Chloride	3.53E-05	3.53E-05	3.53E-05	1.13E-04	1.48E-04	1.31E-04	4.59E-04	4.59E-04	1.36E-04	1.21E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Acetaldehyde	4.15E-02	4.15E-02	4.24E-02	4.57E-02	6.09E-02	9.48E-02	9.58E-02	9.58E-02	0.00E+00	5.49E-03	3.81E-02	1.73E-02	0.00E+00
Iowa	Buena Vista	19021	R	Acrolein	5.00E-03	5.00E-03	5.03E-03	5.86E-03	7.89E-03	1.28E-02	1.28E-02	1.28E-02	0.00E+00	1.33E-03	4.87E-03	1.69E-03	0.00E+00
Iowa	Buena Vista	19021	R	Acrylonitrile	1.38E-05	1.38E-05	1.44E-05	1.64E-05	1.75E-05	2.17E-05	2.21E-05	2.21E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Arsenic Compounds	8.84E-07	8.84E-07	9.76E-07	1.52E-06	4.91E-06	1.23E-05	1.23E-05	1.23E-05	0.00E+00	4.83E-06	7.84E-08	4.82E-09	0.00E+00
Iowa	Buena Vista	19021	R	Benzene	5.22E-01	5.22E-01	5.24E-01	5.28E-01	5.65E-01	6.43E-01	6.43E-01	6.43E-01	0.00E+00	4.83E-03	7.05E-02	9.34E-03	4.80E-01
Iowa	Buena Vista	19021	R	Beryllium Compounds	2.38E-07	2.38E-07	2.60E-07	3.92E-07	1.29E-06	3.22E-06	3.22E-06	3.22E-06	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	1,3-Butadiene	2.57E-03	2.57E-03	2.69E-03	3.13E-03	6.83E-03	1.47E-02	1.47E-02	1.47E-02	0.00E+00	1.40E-04	5.90E-03	7.86E-04	0.00E+00
Iowa	Buena Vista	19021	R	Cadmium Compounds	9.59E-07	9.59E-07	9.70E-07	1.21E-06	2.68E-06	5.85E-06	5.88E-06	5.88E-06	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	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	1.76E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Buena Vista	19021	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.37E-04	0.00E+00	0.00E+00	8.30E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Buena Vista	19021	R	Chromium Compounds	1.47E-05	1.47E-05	2.45E-05	3.95E-05	4.42E-05	6.95E-05	7.73E-05	7.73E-05	0.00E+00	3.40E-05	5.12E-06	5.06E-06	0.00E+00
Iowa	Buena Vista	19021	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
Iowa	Buena Vista	19021	R	1,3-Dichloropropene	1.85E-03	1.85E-03	2.10E-03	2.94E-03	9.87E-03	2.47E-02	2.47E-02	2.47E-02	0.00E+00	9.87E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Diesel Particulate Matter	4.95E-01	4.95E-01	5.11E-01	5.27E-01	6.03E-01	7.78E-01	7.80E-01	7.80E-01	0.00E+00	0.00E+00	1.29E-01	4.74E-01	***
Iowa	Buena Vista	19021	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	6.87E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Buena Vista	19021	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	3.22E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Buena Vista	19021	R	Ethylene Oxide	4.83E-05	4.83E-05	4.95E-05	7.02E-05	2.03E-04	4.88E-04	4.91E-04	4.91E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Formaldehyde	2.97E-01	2.97E-01	2.98E-01	3.03E-01	3.26E-01	3.75E-01	3.77E-01	3.77E-01	0.00E+00	7.59E-03	4.20E-02	2.60E-02	2.50E-01
Iowa	Buena Vista	19021	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.26E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Buena Vista	19021	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.50E-12	2.31E-12	3.91E-12	6.95E-12	6.95E-12	0.00E+00	2.31E-12	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Lead Compounds	1.53E-05	1.53E-05	1.61E-05	1.81E-05	4.07E-05	8.82E-05	8.86E-05	8.86E-05	0.00E+00	3.35E-05	7.19E-06	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Manganese Compounds	3.29E-05	3.29E-05	3.73E-05	5.24E-05	1.62E-04	3.97E-04	3.98E-04	3.98E-04	0.00E+00	1.54E-04	2.09E-06	5.47E-06	0.00E+00
Iowa	Buena Vista	19021	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	0.00E+00	1.16E-05	6.96E-08	1.43E-06	1.50E-03
Iowa	Buena Vista	19021	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.56E-01	1.69E-01	1.98E-01	1.98E-01	1.98E-01	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Buena Vista	19021	R	Nickel Compounds	1.40E-05	1.40E-05	1.76E-05	2.86E-05	9.40E-05	2.37E-04	2.38E-04	2.38E-04	0.00E+00	8.76E-05	3.95E-06	2.42E-06	0.00E+00
Iowa	Buena Vista	19021	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.44E-01	1.52E-01	1.69E-01	1.69E-01	1.69E-01	0.00E+00	1.16E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Buena Vista	19021	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Buena Vista	19021	R	Polycyclic Organic Matter	2.08E-03	2.08E-03	2.29E-03	3.23E-03	9.20E-03	2.22E-02	2.22E-02	2.22E-02	0.00E+00	9.16E-03	3.63E-05	2.84E-06	0.00E+00
Iowa	Buena Vista	19021	R	7-PAH	1.45E-04	1.45E-04	1.54E-04	2.24E-04	5.61E-04	1.31E-03	1.31E-03	1.31E-03	0.00E+00	5.44E-04	1.61E-05	1.33E-06	0.00E+00
Iowa	Buena Vista	19021	R	Propylene Dichloride	6.78E-07	6.78E-07	7.09E-07	8.45E-07	8.95E-07	1.13E-06	1.16E-06	1.16E-06	0.00E+00	8.95E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	6.51E-11	7.89E-11	1.22E-10	2.21E-10	2.21E-10	0.00E+00	7.89E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	1,1,2,2-Tetrachloroethane	4.81E-06	4.81E-06	5.07E-06	6.41E-06	6.76E-06	8.80E-06	9.08E-06	9.08E-06	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Buena Vista	19021	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.19E-02	8.41E-02	8.89E-02	8.89E-02	8.89E-02	0.00E+00	3.09E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Buena Vista	19021	R	Vinyl Chloride	1.19E-05	1.19E-05	1.25E-05	1.58E-05	1.67E-05	2.17E-05	2.24E-05	2.24E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	Acetaldehyde	4.92E-02	4.92E-02	6.67E-02	7.05E-02	7.62E-02	9.01E-02	1.05E-01	1.05E-01	1.64E-06	6.19E-03	5.37E-02	1.63E-02	0.00E+00
Iowa	Butler	19023	R	Acrolein	6.60E-03	6.60E-03	8.61E-03	9.00E-03	9.28E-03	1.05E-02	1.17E-02	1.17E-02	8.34E-07	1.75E-03	6.11E-03	1.42E-03	0.00E+00
Iowa	Butler	19023	R	Acrylonitrile	2.70E-05	2.70E-05	2.77E-05	3.79E-05	4.43E-05	4.54E-05	8.35E-05	8.35E-05	2.91E-05	1.52E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	Arsenic Compounds	9.08E-07	9.08E-07	1.58E-06	2.80E-06	2.84E-06	3.66E-06	5.24E-06	5.24E-06	1.19E-06	1.61E-06	4.40E-08	3.40E-09	0.00E+00
Iowa	Butler	19023	R	Benzene	5.35E-01	5.35E-01	5.50E-01	5.62E-01	5.57E-01	5.69E-01	5.70E-01	5.70E-01	7.95E-05	4.66E-03	6.48E-02	7.91E-03	4.80E-01
Iowa	Butler	19023	R	Beryllium Compounds	2.53E-07	2.53E-07	4.55E-07	5.04E-07	5.23E-07	5.88E-07	8.17E-07	8.17E-07	6.28E-08	4.61E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	1,3-Butadiene	3.49E-03	3.49E-03	4.12E-03	4.51E-03	4.72E-03	4.55E-03	6.92E-03	6.92E-03	0.00E+00	3.55E-04	3.81E-03	5.58E-04	0.00E+00
Iowa	Butler	19023	R	Cadmium Compounds	9.85E-07	9.85E-07	1.53E-06	1.54E-06	1.81E-06	2.03E-06	2.94E-06	2.94E-06	1.57E-07	1.65E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	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	5.32E-08	1.97E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Butler	19023	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	3.10E-07	1.16E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Butler	19023	R	Chromium Compounds	7.85E-05	7.85E-05	8.95E-05	1.03E-04	1.07E-04	1.17E-04	1.45E-04	1.45E-04	1.39E-06	9.86E-05	2.83E-06	3.79E-06	0.00E+00
Iowa	Butler	19023	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
Iowa	Butler	19023	R	1,3-Dichloropropene	2.31E-03	2.31E-03	3.95E-03	4.06E-03	4.02E-03	4.26E-03	5.53E-03	5.53E-03	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	Diesel Particulate Matter	5.42E-01	5.42E-01	5.43E-01	5.47E-01	5.60E-01	5.54E-01	6.14E-01	6.14E-01	0.00E+00	0.00E+00	1.54E-01	4.06E-01	***
Iowa	Butler	19023	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	1.63E-08	1.10E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Butler	19023	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	3.65E-06	2.18E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Butler	19023	R	Ethylene Oxide	3.07E-05	3.07E-05	3.82E-05	4.21E-05	5.60E-05	6.62E-05	1.03E-04	1.03E-04	0.00E+00	5.60E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	Formaldehyde	3.08E-01	3.08E-01	3.29E-01	3.36E-01	3.34E-01	3.45E-01	3.53E-01	3.53E-01	3.37E-04	1.26E-02	4.78E-02	2.34E-02	2.50E-01
Iowa	Butler	19023	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	1.61E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Butler	19023	R	Hydrazine	3.45E-10	3.45E-10	4.98E-10	9.08E-10	1.08E-09	1.05E-09	2.58E-09	2.58E-09	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	Lead Compounds	1.84E-05	1.84E-05	2.69E-05	3.18E-05	3.20E-05	3.47E-05	4.80E-05	4.80E-05	1.28E-06	2.23E-05	3.90E-06	4.51E-06	0.00E+00
Iowa	Butler	19023	R	Manganese Compounds	4.46E-05	4.46E-05	7.95E-05	8.04E-05	8.96E-05	9.77E-05	1.46E-04	1.46E-04	2.53E-06	8.18E-05	1.12E-06	4.21E-06	0.00E+00
Iowa	Butler	19023	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	2.92E-07	1.28E-05	3.82E-08	1.09E-06	1.50E-03
Iowa	Butler	19023	R	Methylene Chloride	1.55E-01	1.55E-01	1.60E-01	1.60E-01	1.60E-01	1.62E-01	1.65E-01	1.65E-01	1.43E-03	8.79E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Butler	19023	R	Nickel Compounds	1.51E-05	1.51E-05	2.17E-05	2.99E-05	2.78E-05	3.03E-05	4.20E-05	4.20E-05	1.29E-06	2.25E-05	2.20E-06	1.80E-06	0.00E+00
Iowa	Butler	19023	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.47E-01	1.47E-01	5.20E-05	3.76E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Butler	19023	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Butler	19023	R	Polycyclic Organic Matter	2.74E-03	2.74E-03	4.31E-03	4.56E-03	4.48E-03	4.69E-03	6.12E-03	6.12E-03	6.37E-08	4.46E-03	2.06E-05	2.38E-06	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Butler	19023	R	7-PAH	1.92E-04	1.92E-04	2.93E-04	3.08E-04	3.04E-04	3.19E-04	4.08E-04	4.08E-04	1.30E-09	2.94E-04	9.14E-06	1.10E-06	0.00E+00
Iowa	Butler	19023	R	Propylene Dichloride	1.52E-06	1.52E-06	1.54E-06	2.25E-06	2.56E-06	2.60E-06	4.88E-06	4.88E-06	1.76E-06	7.97E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	Quinoline	3.36E-09	3.36E-09	4.61E-09	5.81E-09	7.18E-09	9.33E-09	1.28E-08	1.28E-08	0.00E+00	7.18E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	1,1,2,2-Tetrachloroethane	1.16E-05	1.16E-05	1.20E-05	1.82E-05	2.11E-05	2.15E-05	4.22E-05	4.22E-05	1.61E-05	4.98E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Butler	19023	R	Trichloroethylene	8.17E-02	8.17E-02	8.21E-02	8.25E-02	8.27E-02	8.30E-02	8.42E-02	8.42E-02	3.10E-05	1.65E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Butler	19023	R	Vinyl Chloride	2.88E-05	2.88E-05	2.98E-05	4.52E-05	5.22E-05	5.32E-05	1.04E-04	1.04E-04	3.97E-05	1.25E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	Acetaldehyde	4.10E-02	4.10E-02	4.12E-02	4.38E-02	4.55E-02	4.98E-02	5.35E-02	5.35E-02	0.00E+00	3.40E-03	2.96E-02	1.25E-02	0.00E+00
Iowa	Calhoun	19025	R	Acrolein	4.86E-03	4.86E-03	4.92E-03	5.49E-03	5.51E-03	6.09E-03	6.19E-03	6.19E-03	0.00E+00	7.31E-04	3.76E-03	1.02E-03	0.00E+00
Iowa	Calhoun	19025	R	Acrylonitrile	1.52E-05	1.52E-05	1.55E-05	1.65E-05	1.70E-05	1.85E-05	1.98E-05	1.98E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	Arsenic Compounds	7.54E-07	7.54E-07	7.90E-07	9.28E-07	9.27E-07	1.06E-06	1.10E-06	1.10E-06	0.00E+00	8.92E-07	3.29E-08	2.00E-09	0.00E+00
Iowa	Calhoun	19025	R	Benzene	5.25E-01	5.25E-01	5.25E-01	5.28E-01	5.29E-01	5.33E-01	5.37E-01	5.37E-01	0.00E+00	2.62E-03	4.05E-02	6.30E-03	4.80E-01
Iowa	Calhoun	19025	R	Beryllium Compounds	2.09E-07	2.09E-07	2.23E-07	2.66E-07	2.64E-07	3.04E-07	3.14E-07	3.14E-07	0.00E+00	2.64E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	1,3-Butadiene	2.78E-03	2.78E-03	2.87E-03	3.02E-03	3.02E-03	3.17E-03	3.25E-03	3.25E-03	0.00E+00	9.54E-05	2.46E-03	4.57E-04	0.00E+00
Iowa	Calhoun	19025	R	Cadmium Compounds	1.23E-06	1.23E-06	1.24E-06	1.25E-06	1.25E-06	1.26E-06	1.27E-06	1.27E-06	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	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	1.30E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Calhoun	19025	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	5.87E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Calhoun	19025	R	Chromium Compounds	1.44E-05	1.44E-05	1.48E-05	1.99E-05	2.12E-05	2.77E-05	3.07E-05	3.07E-05	0.00E+00	1.68E-05	2.14E-06	2.35E-06	0.00E+00
Iowa	Calhoun	19025	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
Iowa	Calhoun	19025	R	1,3-Dichloropropene	1.80E-03	1.80E-03	1.95E-03	2.38E-03	2.30E-03	2.65E-03	2.66E-03	2.66E-03	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	Diesel Particulate Matter	5.21E-01	5.21E-01	5.24E-01	5.27E-01	5.29E-01	5.34E-01	5.41E-01	5.41E-01	0.00E+00	0.00E+00	1.17E-01	4.12E-01	***
Iowa	Calhoun	19025	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.12E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Calhoun	19025	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	2.41E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Calhoun	19025	R	Ethylene Oxide	5.45E-05	5.45E-05	5.80E-05	6.25E-05	6.90E-05	8.00E-05	9.64E-05	9.64E-05	0.00E+00	6.90E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	Formaldehyde	2.97E-01	2.97E-01	2.98E-01	3.00E-01	3.02E-01	3.06E-01	3.08E-01	3.08E-01	0.00E+00	5.63E-03	2.82E-02	1.77E-02	2.50E-01
Iowa	Calhoun	19025	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	1.94E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Calhoun	19025	R	Hydrazine	5.80E-10	5.80E-10	6.75E-10	7.84E-10	9.07E-10	1.14E-09	1.48E-09	1.48E-09	0.00E+00	9.07E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	Lead Compounds	1.98E-05	1.98E-05	2.68E-05	3.52E-05	3.39E-05	4.10E-05	4.55E-05	4.55E-05	0.00E+00	1.80E-05	2.94E-06	1.30E-05	0.00E+00
Iowa	Calhoun	19025	R	Manganese Compounds	3.02E-05	3.02E-05	3.23E-05	3.81E-05	3.70E-05	4.17E-05	4.17E-05	4.17E-05	0.00E+00	3.36E-05	8.41E-07	2.60E-06	0.00E+00
Iowa	Calhoun	19025	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	1.09E-05	2.88E-08	6.75E-07	1.50E-03
Iowa	Calhoun	19025	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	4.23E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Calhoun	19025	R	Nickel Compounds	1.08E-05	1.08E-05	1.09E-05	1.24E-05	1.27E-05	1.45E-05	1.53E-05	1.53E-05	0.00E+00	9.92E-06	1.66E-06	1.12E-06	0.00E+00
Iowa	Calhoun	19025	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.45E-01	1.45E-01	1.47E-01	1.48E-01	1.48E-01	0.00E+00	2.70E-03	2.36E-03	0.00E+00	1.40E-01
Iowa	Calhoun	19025	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Calhoun	19025	R	Polycyclic Organic Matter	2.03E-03	2.03E-03	2.24E-03	2.60E-03	2.52E-03	2.80E-03	2.86E-03	2.86E-03	0.00E+00	2.50E-03	1.56E-05	2.00E-06	0.00E+00
Iowa	Calhoun	19025	R	7-PAH	1.37E-04	1.37E-04	1.55E-04	1.74E-04	1.68E-04	1.81E-04	1.87E-04	1.87E-04	0.00E+00	1.60E-04	6.93E-06	8.92E-07	0.00E+00
Iowa	Calhoun	19025	R	Propylene Dichloride	8.24E-07	8.24E-07	8.35E-07	9.08E-07	9.34E-07	1.03E-06	1.10E-06	1.10E-06	0.00E+00	9.34E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	Quinoline	2.65E-09	2.65E-09	3.53E-09	4.76E-09	4.83E-09	6.14E-09	7.17E-09	7.17E-09	0.00E+00	4.83E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	1,1,2,2-Tetrachloroethane	6.09E-06	6.09E-06	6.26E-06	6.84E-06	7.06E-06	7.86E-06	8.46E-06	8.46E-06	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Calhoun	19025	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.16E-02	8.16E-02	8.17E-02	8.17E-02	0.00E+00	5.56E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Calhoun	19025	R	Vinyl Chloride	1.52E-05	1.52E-05	1.55E-05	1.70E-05	1.75E-05	1.96E-05	2.10E-05	2.10E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Acetaldehyde	3.99E-02	3.99E-02	4.04E-02	4.66E-02	7.34E-02	1.33E-01	1.33E-01	1.33E-01	0.00E+00	7.45E-03	4.25E-02	2.34E-02	0.00E+00
Iowa	Carroll	19027	R	Acrolein	4.83E-03	4.83E-03	5.53E-03	6.47E-03	1.03E-02	1.93E-02	1.93E-02	1.93E-02	0.00E+00	2.28E-03	5.44E-03	2.61E-03	0.00E+00
Iowa	Carroll	19027	R	Acrylonitrile	1.78E-05	1.78E-05	1.88E-05	1.99E-05	2.31E-05	3.12E-05	3.12E-05	3.12E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Arsenic Compounds	9.31E-07	9.31E-07	1.10E-06	1.19E-06	7.73E-06	2.10E-05	2.10E-05	2.10E-05	0.00E+00	7.61E-06	1.12E-07	4.44E-09	0.00E+00
Iowa	Carroll	19027	R	Benzene	5.22E-01	5.22E-01	5.27E-01	5.34E-01	6.22E-01	8.08E-01	8.08E-01	8.08E-01	0.00E+00	3.40E-02	9.60E-02	1.23E-02	4.80E-01
Iowa	Carroll	19027	R	Beryllium Compounds	2.57E-07	2.57E-07	2.96E-07	3.23E-07	2.24E-06	6.11E-06	6.11E-06	6.11E-06	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	1,3-Butadiene	2.41E-03	2.41E-03	3.32E-03	3.52E-03	1.06E-02	2.55E-02	2.55E-02	2.55E-02	0.00E+00	3.31E-04	9.15E-03	1.15E-03	0.00E+00
Iowa	Carroll	19027	R	Cadmium Compounds	1.67E-06	1.67E-06	1.84E-06	2.03E-06	5.18E-06	1.18E-05	1.18E-05	1.18E-05	0.00E+00	5.18E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	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	2.21E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Carroll	19027	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	1.84E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Carroll	19027	R	Chromium Compounds	7.38E-06	7.38E-06	2.23E-05	4.24E-05	4.68E-05	8.30E-05	8.35E-05	8.35E-05	0.00E+00	3.08E-05	7.26E-06	8.75E-06	0.00E+00
Iowa	Carroll	19027	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

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Carroll	19027	R	1,3-Dichloropropene	2.32E-03	2.32E-03	2.34E-03	2.55E-03	1.62E-02	4.37E-02	4.37E-02	4.37E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Diesel Particulate Matter	5.15E-01	5.15E-01	5.16E-01	5.39E-01	7.25E-01	1.12E+00	1.12E+00	1.12E+00	0.00E+00	0.00E+00	1.45E-01	5.79E-01	***
Iowa	Carroll	19027	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	9.55E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Carroll	19027	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	1.69E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Carroll	19027	R	Ethylene Oxide	2.82E-05	2.82E-05	3.98E-05	5.14E-05	3.40E-04	9.34E-04	9.34E-04	9.34E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Formaldehyde	2.95E-01	2.95E-01	3.00E-01	3.04E-01	3.51E-01	4.52E-01	4.53E-01	4.53E-01	0.00E+00	1.06E-02	5.32E-02	3.75E-02	2.50E-01
Iowa	Carroll	19027	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.37E-05	9.37E-05	9.37E-05	0.00E+00	3.39E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Carroll	19027	R	Hydrazine	5.15E-12	5.15E-12	1.50E-11	1.58E-11	1.62E-11	1.76E-11	2.77E-11	2.77E-11	0.00E+00	1.62E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Lead Compounds	2.49E-05	2.49E-05	2.75E-05	2.92E-05	7.99E-05	1.84E-04	1.84E-04	1.84E-04	0.00E+00	6.96E-05	1.03E-05	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Manganese Compounds	3.91E-05	3.91E-05	4.05E-05	4.42E-05	2.41E-04	6.40E-04	6.40E-04	6.40E-04	0.00E+00	2.29E-04	3.00E-06	9.25E-06	0.00E+00
Iowa	Carroll	19027	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.56E-03	1.56E-03	1.56E-03	0.00E+00	2.90E-05	9.96E-08	2.48E-06	1.50E-03
Iowa	Carroll	19027	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.55E-01	1.86E-01	2.48E-01	2.48E-01	2.48E-01	0.00E+00	3.57E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Carroll	19027	R	Nickel Compounds	1.29E-05	1.29E-05	1.52E-05	2.13E-05	1.32E-04	3.61E-04	3.61E-04	3.61E-04	0.00E+00	1.22E-04	5.59E-06	4.04E-06	0.00E+00
Iowa	Carroll	19027	R	Perchloroethylene	1.49E-01	1.49E-01	1.49E-01	1.64E-01	2.12E-01	3.12E-01	3.33E-01	3.33E-01	5.15E-02	2.03E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Carroll	19027	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Carroll	19027	R	Polycyclic Organic Matter	2.56E-03	2.56E-03	2.83E-03	3.00E-03	1.63E-02	4.32E-02	4.32E-02	4.32E-02	0.00E+00	1.62E-02	5.10E-05	3.57E-06	0.00E+00
Iowa	Carroll	19027	R	7-PAH	1.67E-04	1.67E-04	1.89E-04	2.10E-04	8.78E-04	2.25E-03	2.25E-03	2.25E-03	0.00E+00	8.54E-04	2.27E-05	1.60E-06	0.00E+00
Iowa	Carroll	19027	R	Propylene Dichloride	9.18E-07	9.18E-07	9.83E-07	1.04E-06	1.20E-06	1.61E-06	1.61E-06	1.61E-06	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Quinoline	1.61E-10	1.61E-10	3.52E-10	3.83E-10	3.94E-10	3.91E-10	6.96E-10	6.96E-10	0.00E+00	3.94E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	1,1,2,2-Tetrachloroethane	6.89E-06	6.89E-06	7.62E-06	8.01E-06	9.15E-06	1.22E-05	1.22E-05	1.22E-05	0.00E+00	9.15E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Carroll	19027	R	Trichloroethylene	8.15E-02	8.15E-02	8.17E-02	8.20E-02	8.83E-02	1.01E-01	1.01E-01	1.01E-01	0.00E+00	7.30E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Carroll	19027	R	Vinyl Chloride	1.70E-05	1.70E-05	1.88E-05	1.98E-05	2.26E-05	3.01E-05	3.01E-05	3.01E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Acetaldehyde	2.73E-02	2.73E-02	3.00E-02	3.35E-02	4.66E-02	7.08E-02	7.14E-02	7.14E-02	0.00E+00	4.66E-03	2.71E-02	1.48E-02	0.00E+00
Iowa	Cass	19029	R	Acrolein	3.17E-03	3.17E-03	3.77E-03	4.42E-03	6.35E-03	1.02E-02	1.02E-02	1.02E-02	0.00E+00	1.38E-03	3.38E-03	1.59E-03	0.00E+00
Iowa	Cass	19029	R	Acrylonitrile	6.72E-06	6.72E-06	6.93E-06	8.10E-06	7.99E-06	8.27E-06	9.93E-06	9.93E-06	0.00E+00	7.99E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Arsenic Compounds	5.13E-07	5.13E-07	5.47E-07	7.36E-07	4.01E-06	9.12E-06	9.13E-06	9.13E-06	0.00E+00	3.94E-06	6.15E-08	3.56E-09	0.00E+00
Iowa	Cass	19029	R	Benzene	5.08E-01	5.08E-01	5.11E-01	5.15E-01	5.48E-01	6.03E-01	6.04E-01	6.04E-01	0.00E+00	6.41E-03	5.38E-02	7.90E-03	4.80E-01
Iowa	Cass	19029	R	Beryllium Compounds	1.44E-07	1.44E-07	1.48E-07	1.93E-07	1.18E-06	2.70E-06	2.71E-06	2.71E-06	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	1,3-Butadiene	1.69E-03	1.69E-03	1.84E-03	2.09E-03	5.72E-03	1.15E-02	1.15E-02	1.15E-02	0.00E+00	2.19E-04	4.78E-03	7.25E-04	0.00E+00
Iowa	Cass	19029	R	Cadmium Compounds	6.86E-07	6.86E-07	6.97E-07	7.50E-07	2.22E-06	4.47E-06	4.48E-06	4.48E-06	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.37E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Cass	19029	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.16E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Cass	19029	R	Chromium Compounds	6.61E-06	6.61E-06	1.80E-05	2.55E-05	7.75E-05	1.69E-04	1.69E-04	1.69E-04	0.00E+00	6.83E-05	4.12E-06	5.07E-06	0.00E+00
Iowa	Cass	19029	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
Iowa	Cass	19029	R	1,3-Dichloropropene	1.20E-03	1.20E-03	1.30E-03	1.49E-03	9.26E-03	2.12E-02	2.12E-02	2.12E-02	0.00E+00	9.26E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Diesel Particulate Matter	4.83E-01	4.83E-01	4.91E-01	5.01E-01	5.98E-01	7.57E-01	7.58E-01	7.58E-01	0.00E+00	0.00E+00	1.26E-01	4.72E-01	***
Iowa	Cass	19029	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	2.65E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Cass	19029	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.87E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Cass	19029	R	Ethylene Oxide	2.47E-05	2.47E-05	2.64E-05	3.11E-05	2.80E-04	6.59E-04	6.59E-04	6.59E-04	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Formaldehyde	2.79E-01	2.79E-01	2.83E-01	2.87E-01	3.11E-01	3.52E-01	3.52E-01	3.52E-01	0.00E+00	6.78E-03	3.07E-02	2.30E-02	2.50E-01
Iowa	Cass	19029	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	2.34E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Cass	19029	R	Hydrazine	1.02E-11	1.02E-11	1.02E-11	1.18E-11	1.99E-11	1.58E-11	5.15E-11	5.15E-11	0.00E+00	1.99E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Lead Compounds	1.12E-05	1.12E-05	1.15E-05	1.29E-05	4.88E-05	1.04E-04	1.04E-04	1.04E-04	0.00E+00	4.30E-05	5.83E-06	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Manganese Compounds	2.75E-05	2.75E-05	2.78E-05	3.55E-05	1.59E-04	3.51E-04	3.51E-04	3.51E-04	0.00E+00	1.51E-04	1.69E-06	5.36E-06	0.00E+00
Iowa	Cass	19029	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	0.00E+00	8.75E-06	5.59E-08	1.44E-06	1.50E-03
Iowa	Cass	19029	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.67E-01	1.90E-01	1.90E-01	1.90E-01	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Cass	19029	R	Nickel Compounds	6.38E-06	6.38E-06	1.06E-05	1.49E-05	5.95E-05	1.33E-04	1.33E-04	1.33E-04	0.00E+00	5.40E-05	3.17E-06	2.34E-06	0.00E+00
Iowa	Cass	19029	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.44E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.36E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Cass	19029	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Cass	19029	R	Polycyclic Organic Matter	1.41E-03	1.41E-03	1.44E-03	1.77E-03	8.71E-03	1.94E-02	1.95E-02	1.95E-02	0.00E+00	8.68E-03	2.91E-05	2.33E-06	0.00E+00
Iowa	Cass	19029	R	7-PAH	9.84E-05	9.84E-05	1.02E-04	1.29E-04	5.30E-04	1.16E-03	1.16E-03	1.16E-03	0.00E+00	5.16E-04	1.29E-05	1.06E-06	0.00E+00
Iowa	Cass	19029	R	Propylene Dichloride	3.01E-07	3.01E-07	3.03E-07	3.46E-07	3.59E-07	3.54E-07	4.89E-07	4.89E-07	0.00E+00	3.59E-07	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Cass	19029	R	Quinoline	2.94E-10	2.94E-10	3.60E-10	3.62E-10	6.19E-10	4.13E-10	1.67E-09	1.67E-09	0.00E+00	6.19E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	1,1,2,2-Tetrachloroethane	1.45E-06	1.45E-06	1.83E-06	1.85E-06	2.09E-06	1.90E-06	3.43E-06	3.43E-06	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cass	19029	R	Trichloroethylene	8.12E-02	8.12E-02	8.13E-02	8.15E-02	8.37E-02	8.73E-02	8.73E-02	8.73E-02	0.00E+00	2.75E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Cass	19029	R	Vinyl Chloride	3.65E-06	3.65E-06	4.54E-06	4.60E-06	5.20E-06	4.73E-06	8.49E-06	8.49E-06	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	Acetaldehyde	5.83E-02	5.83E-02	8.84E-02	8.86E-02	9.40E-02	9.23E-02	1.42E-01	1.42E-01	1.72E-05	6.79E-03	6.42E-02	2.30E-02	0.00E+00
Iowa	Cedar	19031	R	Acrolein	1.06E-02	1.06E-02	1.72E-02	1.79E-02	1.75E-02	1.96E-02	2.24E-02	2.24E-02	5.35E-03	2.52E-03	7.04E-03	2.61E-03	0.00E+00
Iowa	Cedar	19031	R	Acrylonitrile	8.35E-03	8.35E-03	9.76E-03	1.32E-02	1.94E-02	1.84E-02	4.76E-02	4.76E-02	1.94E-02	8.76E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	Arsenic Compounds	8.51E-06	8.51E-06	1.22E-05	1.67E-05	1.54E-05	1.85E-05	2.13E-05	2.13E-05	1.32E-05	2.21E-06	5.33E-08	3.63E-09	0.00E+00
Iowa	Cedar	19031	R	Benzene	5.38E-01	5.38E-01	5.64E-01	5.71E-01	5.71E-01	5.78E-01	6.03E-01	6.03E-01	4.74E-05	8.84E-03	6.73E-02	1.45E-02	4.80E-01
Iowa	Cedar	19031	R	Beryllium Compounds	6.89E-07	6.89E-07	1.02E-06	1.29E-06	1.24E-06	1.58E-06	1.61E-06	1.61E-06	6.80E-07	5.58E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	1,3-Butadiene	3.48E-03	3.48E-03	5.14E-03	5.73E-03	6.29E-03	6.19E-03	1.09E-02	1.09E-02	1.90E-03	3.95E-04	3.24E-03	7.50E-04	0.00E+00
Iowa	Cedar	19031	R	Cadmium Compounds	3.62E-06	3.62E-06	6.08E-06	6.50E-06	6.03E-06	6.91E-06	7.05E-06	7.05E-06	1.73E-06	4.30E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	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	3.53E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Cedar	19031	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.34E-02	8.34E-02	0.00E+00	2.10E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Cedar	19031	R	Chromium Compounds	2.00E-05	2.00E-05	1.67E-04	2.21E-04	2.20E-04	2.54E-04	4.36E-04	4.36E-04	8.14E-05	1.28E-04	3.46E-06	6.63E-06	0.00E+00
Iowa	Cedar	19031	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
Iowa	Cedar	19031	R	1,3-Dichloropropene	2.54E-03	2.54E-03	3.71E-03	4.06E-03	4.50E-03	5.79E-03	6.41E-03	6.41E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	Diesel Particulate Matter	6.13E-01	6.13E-01	6.25E-01	6.65E-01	6.70E-01	6.76E-01	7.70E-01	7.70E-01	0.00E+00	0.00E+00	1.90E-01	4.80E-01	***
Iowa	Cedar	19031	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	6.97E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Cedar	19031	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.84E-05	1.25E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Cedar	19031	R	Ethylene Oxide	1.44E-04	1.44E-04	1.76E-04	6.09E-04	4.65E-04	6.49E-04	7.48E-04	7.48E-04	6.50E-07	4.65E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	Formaldehyde	3.17E-01	3.17E-01	3.45E-01	3.53E-01	3.54E-01	3.53E-01	4.01E-01	4.01E-01	1.16E-03	1.39E-02	5.35E-02	3.55E-02	2.50E-01
Iowa	Cedar	19031	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
Iowa	Cedar	19031	R	Hydrazine	7.34E-10	7.34E-10	7.57E-10	2.06E-09	2.06E-09	3.12E-09	3.64E-09	3.64E-09	0.00E+00	2.06E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	Lead Compounds	3.96E-05	3.96E-05	1.11E-04	1.13E-04	1.03E-04	1.25E-04	1.26E-04	1.26E-04	1.41E-05	4.87E-05	4.74E-06	3.54E-05	0.00E+00
Iowa	Cedar	19031	R	Manganese Compounds	5.85E-05	5.85E-05	1.93E-04	2.20E-04	2.02E-04	2.29E-04	3.11E-04	3.11E-04	1.09E-04	8.43E-05	1.35E-06	7.17E-06	0.00E+00
Iowa	Cedar	19031	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.55E-03	3.72E-06	3.01E-05	4.66E-08	1.96E-06	1.50E-03
Iowa	Cedar	19031	R	Methylene Chloride	1.65E-01	1.65E-01	1.73E-01	1.79E-01	1.88E-01	1.87E-01	2.38E-01	2.38E-01	2.39E-02	1.45E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Cedar	19031	R	Nickel Compounds	2.76E-05	2.76E-05	5.77E-05	1.62E-04	1.33E-04	1.92E-04	2.24E-04	2.24E-04	3.30E-05	9.39E-05	2.69E-06	2.93E-06	0.00E+00
Iowa	Cedar	19031	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.48E-01	1.48E-01	1.48E-06	4.19E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Cedar	19031	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.82E-04	3.80E-04	3.90E-04	3.90E-04	0.00E+00	2.00E-06	0.00E+00	0.00E+00	3.80E-04
Iowa	Cedar	19031	R	Polycyclic Organic Matter	3.20E-03	3.20E-03	4.49E-03	4.92E-03	5.55E-03	7.32E-03	7.82E-03	7.82E-03	1.06E-05	5.51E-03	2.53E-05	5.90E-06	0.00E+00
Iowa	Cedar	19031	R	7-PAH	2.21E-04	2.21E-04	3.22E-04	3.48E-04	3.50E-04	4.13E-04	4.48E-04	4.48E-04	2.56E-08	3.36E-04	1.12E-05	2.65E-06	0.00E+00
Iowa	Cedar	19031	R	Propylene Dichloride	2.49E-06	2.49E-06	2.83E-06	3.91E-06	5.31E-06	5.43E-06	1.19E-05	1.19E-05	0.00E+00	5.31E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	Quinoline	1.65E-08	1.65E-08	1.65E-08	4.19E-08	1.10E-07	5.67E-08	4.17E-07	4.17E-07	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	1,1,2,2-Tetrachloroethane	1.86E-05	1.86E-05	2.22E-05	2.94E-05	4.24E-05	4.16E-05	1.00E-04	1.00E-04	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Cedar	19031	R	Trichloroethylene	8.16E-02	8.16E-02	8.21E-02	8.23E-02	8.27E-02	8.26E-02	8.50E-02	8.50E-02	0.00E+00	1.73E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Cedar	19031	R	Vinyl Chloride	5.00E-05	5.00E-05	6.47E-05	8.07E-05	1.12E-04	1.07E-04	2.57E-04	2.57E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	Acetaldehyde	3.97E-02	4.15E-02	5.81E-02	7.46E-02	7.43E-02	9.20E-02	1.10E-01	1.10E-01	4.94E-08	1.11E-02	3.79E-02	2.52E-02	0.00E+00
Iowa	Cerro Gordo	19033	U	Acrolein	5.72E-03	6.45E-03	9.73E-03	1.59E-02	1.63E-02	2.66E-02	2.74E-02	2.78E-02	2.52E-08	6.82E-03	5.17E-03	4.32E-03	0.00E+00
Iowa	Cerro Gordo	19033	U	Acrylonitrile	7.98E-05	9.09E-05	1.27E-04	1.50E-04	1.49E-04	1.63E-04	2.07E-04	2.08E-04	2.10E-05	1.28E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	Arsenic Compounds	1.46E-06	1.56E-06	2.65E-06	6.59E-06	1.08E-05	1.92E-05	2.53E-05	2.56E-05	3.50E-08	1.05E-05	2.04E-07	1.30E-08	0.00E+00
Iowa	Cerro Gordo	19033	U	Benzene	5.17E-01	5.21E-01	5.49E-01	5.93E-01	6.26E-01	6.90E-01	7.89E-01	7.91E-01	5.43E-05	1.70E-02	8.73E-02	4.20E-02	4.80E-01
Iowa	Cerro Gordo	19033	U	Beryllium Compounds	3.30E-07	3.91E-07	6.47E-07	1.90E-06	3.16E-06	5.10E-06	7.83E-06	7.91E-06	1.87E-09	3.16E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	1,3-Butadiene	2.10E-03	2.61E-03	6.14E-03	1.32E-02	1.74E-02	2.93E-02	3.92E-02	3.96E-02	0.00E+00	2.93E-03	8.58E-03	5.88E-03	0.00E+00
Iowa	Cerro Gordo	19033	U	Cadmium Compounds	2.53E-06	2.78E-06	4.83E-06	6.44E-06	8.00E-06	1.14E-05	1.48E-05	1.50E-05	4.71E-09	7.99E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	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	3.01E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Cerro Gordo	19033	U	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.36E-02	8.36E-02	2.24E-07	3.08E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Cerro Gordo	19033	U	Chromium Compounds	3.68E-04	5.46E-04	7.30E-04	1.70E-03	2.67E-03	2.29E-03	7.69E-03	1.22E-02	2.34E-08	2.65E-03	1.28E-05	8.68E-06	0.00E+00
Iowa	Cerro Gordo	19033	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
Iowa	Cerro Gordo	19033	U	1,3-Dichloropropene	2.17E-03	2.94E-03	5.55E-03	1.62E-02	2.58E-02	3.81E-02	6.73E-02	6.77E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	Diesel Particulate Matter	5.26E-01	5.29E-01	6.19E-01	6.64E-01	6.88E-01	8.09E-01	8.68E-01	8.73E-01	0.00E+00	0.00E+00	1.64E-01	5.24E-01	***

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Cerro Gordo	19033	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	1.17E-08	6.95E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Cerro Gordo	19033	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	2.54E-06	1.72E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Cerro Gordo	19033	U	Ethylene Oxide	9.06E-05	1.03E-04	1.46E-04	5.06E-04	9.45E-04	1.52E-03	2.41E-03	2.43E-03	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	Formaldehyde	2.99E-01	3.02E-01	3.31E-01	3.68E-01	3.73E-01	4.34E-01	4.52E-01	4.54E-01	1.94E-04	3.11E-02	4.75E-02	4.40E-02	2.50E-01
Iowa	Cerro Gordo	19033	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	2.33E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Cerro Gordo	19033	U	Hydrazine	1.55E-10	1.58E-10	1.70E-10	1.88E-10	2.74E-10	4.00E-10	4.67E-10	5.03E-10	0.00E+00	2.74E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	Lead Compounds	1.54E-04	1.76E-04	2.43E-04	4.35E-04	6.36E-04	6.57E-04	1.64E-03	2.61E-03	3.85E-08	1.19E-04	1.82E-05	5.00E-04	0.00E+00
Iowa	Cerro Gordo	19033	U	Manganese Compounds	6.51E-05	7.19E-05	1.38E-04	3.17E-04	4.77E-04	8.32E-04	1.12E-03	1.14E-03	4.35E-08	4.61E-04	5.34E-06	1.07E-05	0.00E+00
Iowa	Cerro Gordo	19033	U	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	1.45E-08	4.92E-05	1.76E-07	2.25E-06	1.50E-03
Iowa	Cerro Gordo	19033	U	Methylene Chloride	1.57E-01	1.59E-01	1.62E-01	1.78E-01	1.96E-01	2.37E-01	2.52E-01	2.54E-01	6.91E-04	4.54E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Cerro Gordo	19033	U	Nickel Compounds	2.24E-05	2.67E-05	4.13E-05	7.85E-05	1.29E-04	2.54E-04	2.72E-04	2.76E-04	2.39E-08	1.14E-04	9.95E-06	5.26E-06	0.00E+00
Iowa	Cerro Gordo	19033	U	Perchloroethylene	1.42E-01	1.43E-01	1.45E-01	1.55E-01	1.65E-01	1.83E-01	2.03E-01	2.03E-01	3.75E-05	2.52E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Cerro Gordo	19033	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Cerro Gordo	19033	U	Polycyclic Organic Matter	2.51E-03	3.35E-03	5.75E-03	1.54E-02	2.34E-02	3.69E-02	5.83E-02	5.88E-02	1.94E-09	2.33E-02	9.02E-05	1.66E-05	0.00E+00
Iowa	Cerro Gordo	19033	U	7-PAH	1.75E-04	2.32E-04	4.13E-04	1.01E-03	1.51E-03	2.52E-03	3.63E-03	3.67E-03	3.97E-11	1.46E-03	4.00E-05	5.59E-06	0.00E+00
Iowa	Cerro Gordo	19033	U	Propylene Dichloride	4.67E-06	5.30E-06	7.36E-06	8.73E-06	8.67E-06	9.55E-06	1.22E-05	1.22E-05	1.27E-06	7.40E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	Quinoline	3.74E-09	3.89E-09	4.20E-09	4.54E-09	5.32E-09	6.57E-09	7.53E-09	7.68E-09	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	1,1,2,2-Tetrachloroethane	4.03E-05	4.58E-05	6.40E-05	7.61E-05	7.58E-05	8.35E-05	1.07E-04	1.08E-04	1.16E-05	6.42E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Cerro Gordo	19033	U	Trichloroethylene	8.20E-02	8.21E-02	8.26E-02	8.52E-02	8.87E-02	9.66E-02	9.81E-02	9.86E-02	2.25E-05	7.63E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Cerro Gordo	19033	U	Vinyl Chloride	9.94E-05	1.15E-04	1.62E-04	1.92E-04	1.89E-04	2.06E-04	2.64E-04	2.66E-04	2.87E-05	1.61E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Acetaldehyde	3.29E-02	3.29E-02	3.31E-02	3.36E-02	3.85E-02	4.40E-02	5.41E-02	5.41E-02	0.00E+00	3.59E-03	2.39E-02	1.10E-02	0.00E+00
Iowa	Cherokee	19035	R	Acrolein	4.03E-03	4.03E-03	4.04E-03	4.11E-03	5.02E-03	6.01E-03	7.85E-03	7.85E-03	0.00E+00	1.09E-03	3.01E-03	9.27E-04	0.00E+00
Iowa	Cherokee	19035	R	Acrylonitrile	5.10E-05	5.10E-05	5.43E-05	6.16E-05	6.14E-05	6.85E-05	7.14E-05	7.14E-05	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Arsenic Compounds	7.29E-07	7.29E-07	7.89E-07	8.91E-07	1.77E-06	2.75E-06	4.56E-06	4.56E-06	0.00E+00	1.73E-06	3.62E-08	2.38E-09	0.00E+00
Iowa	Cherokee	19035	R	Benzene	5.13E-01	5.13E-01	5.13E-01	5.14E-01	5.25E-01	5.36E-01	5.57E-01	5.57E-01	0.00E+00	4.03E-03	3.57E-02	5.06E-03	4.80E-01
Iowa	Cherokee	19035	R	Beryllium Compounds	1.85E-07	1.85E-07	2.06E-07	2.41E-07	4.79E-07	7.51E-07	1.25E-06	1.25E-06	0.00E+00	4.79E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	1,3-Butadiene	1.88E-03	1.88E-03	1.96E-03	2.10E-03	3.15E-03	4.34E-03	6.51E-03	6.51E-03	0.00E+00	2.90E-04	2.46E-03	4.02E-04	0.00E+00
Iowa	Cherokee	19035	R	Cadmium Compounds	1.39E-06	1.39E-06	1.42E-06	1.55E-06	1.93E-06	2.44E-06	3.24E-06	3.24E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.18E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Cherokee	19035	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	7.67E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Cherokee	19035	R	Chromium Compounds	4.96E-06	4.96E-06	4.97E-06	8.26E-06	9.70E-06	1.44E-05	1.73E-05	1.73E-05	0.00E+00	4.57E-06	2.45E-06	2.68E-06	0.00E+00
Iowa	Cherokee	19035	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
Iowa	Cherokee	19035	R	1,3-Dichloropropene	1.52E-03	1.52E-03	1.67E-03	1.95E-03	3.68E-03	5.68E-03	9.28E-03	9.28E-03	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Diesel Particulate Matter	4.50E-01	4.50E-01	4.51E-01	4.61E-01	4.84E-01	5.17E-01	5.66E-01	5.66E-01	0.00E+00	0.00E+00	1.00E-01	3.84E-01	***
Iowa	Cherokee	19035	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	3.40E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Cherokee	19035	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	8.02E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Cherokee	19035	R	Ethylene Oxide	5.81E-05	5.81E-05	7.63E-05	9.95E-05	2.50E-04	4.24E-04	7.44E-04	7.44E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Formaldehyde	2.86E-01	2.86E-01	2.87E-01	2.87E-01	2.96E-01	3.04E-01	3.21E-01	3.21E-01	2.72E-06	6.79E-03	2.32E-02	1.55E-02	2.50E-01
Iowa	Cherokee	19035	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	1.51E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Cherokee	19035	R	Hydrazine	8.86E-12	8.86E-12	4.57E-11	9.98E-11	8.80E-11	1.30E-10	1.44E-10	1.44E-10	0.00E+00	8.80E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Lead Compounds	2.05E-05	2.05E-05	2.10E-05	2.25E-05	3.06E-05	4.03E-05	5.70E-05	5.70E-05	0.00E+00	2.72E-05	3.41E-06	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Manganese Compounds	2.48E-05	2.48E-05	2.65E-05	3.01E-05	5.16E-05	7.66E-05	1.21E-04	1.21E-04	0.00E+00	4.77E-05	9.78E-07	2.92E-06	0.00E+00
Iowa	Cherokee	19035	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.49E-05	3.26E-08	7.64E-07	1.50E-03
Iowa	Cherokee	19035	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.58E-01	1.63E-01	1.72E-01	1.72E-01	4.19E-04	7.94E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Cherokee	19035	R	Nickel Compounds	1.32E-05	1.32E-05	1.37E-05	1.47E-05	3.24E-05	5.11E-05	8.69E-05	8.69E-05	0.00E+00	2.92E-05	1.89E-06	1.26E-06	0.00E+00
Iowa	Cherokee	19035	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.44E-01	1.46E-01	1.50E-01	1.50E-01	0.00E+00	3.65E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Cherokee	19035	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Cherokee	19035	R	Polycyclic Organic Matter	1.71E-03	1.71E-03	1.86E-03	2.16E-03	3.77E-03	5.68E-03	9.05E-03	9.05E-03	0.00E+00	3.75E-03	1.76E-05	1.48E-06	0.00E+00
Iowa	Cherokee	19035	R	7-PAH	1.18E-04	1.18E-04	1.28E-04	1.49E-04	2.47E-04	3.65E-04	5.71E-04	5.71E-04	0.00E+00	2.38E-04	7.82E-06	6.92E-07	0.00E+00
Iowa	Cherokee	19035	R	Propylene Dichloride	2.99E-06	2.99E-06	3.20E-06	3.64E-06	3.62E-06	4.04E-06	4.22E-06	4.22E-06	0.00E+00	3.62E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	Quinoline	2.05E-10	2.05E-10	1.11E-09	2.28E-09	1.93E-09	2.75E-09	2.96E-09	2.96E-09	0.00E+00	1.93E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Cherokee	19035	R	1,1,2,2-Tetrachloroethane	2.65E-05	2.65E-05	2.83E-05	3.21E-05	3.20E-05	3.58E-05	3.74E-05	3.74E-05	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Cherokee	19035	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.16E-02	8.23E-02	8.32E-02	8.47E-02	8.47E-02	0.00E+00	1.33E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Cherokee	19035	R	Vinyl Chloride	6.52E-05	6.52E-05	6.98E-05	7.93E-05	7.90E-05	8.82E-05	9.22E-05	9.22E-05	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	Acetaldehyde	4.29E-02	4.29E-02	4.38E-02	4.94E-02	5.27E-02	6.16E-02	6.91E-02	6.91E-02	0.00E+00	5.09E-03	3.38E-02	1.38E-02	0.00E+00
Iowa	Chickasaw	19037	R	Acrolein	5.64E-03	5.64E-03	6.00E-03	6.81E-03	7.43E-03	8.85E-03	1.05E-02	1.05E-02	0.00E+00	1.82E-03	4.25E-03	1.36E-03	0.00E+00
Iowa	Chickasaw	19037	R	Acrylonitrile	1.72E-05	1.72E-05	1.74E-05	1.94E-05	1.94E-05	2.15E-05	2.16E-05	2.16E-05	1.07E-06	1.83E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	Arsenic Compounds	1.05E-06	1.05E-06	1.12E-06	1.36E-06	2.08E-06	3.04E-06	4.55E-06	4.55E-06	0.00E+00	2.03E-06	4.79E-08	3.08E-09	0.00E+00
Iowa	Chickasaw	19037	R	Benzene	5.27E-01	5.27E-01	5.28E-01	5.31E-01	5.46E-01	5.65E-01	5.96E-01	5.96E-01	2.76E-06	5.85E-03	5.35E-02	7.08E-03	4.80E-01
Iowa	Chickasaw	19037	R	Beryllium Compounds	2.90E-07	2.90E-07	3.03E-07	3.55E-07	5.88E-07	8.73E-07	1.35E-06	1.35E-06	0.00E+00	5.88E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	1,3-Butadiene	2.82E-03	2.82E-03	2.83E-03	3.11E-03	4.91E-03	6.98E-03	1.06E-02	1.06E-02	0.00E+00	4.15E-04	3.92E-03	5.72E-04	0.00E+00
Iowa	Chickasaw	19037	R	Cadmium Compounds	1.06E-06	1.06E-06	1.09E-06	1.27E-06	1.60E-06	2.11E-06	2.80E-06	2.80E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	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	1.96E-09	1.62E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Chickasaw	19037	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	1.14E-08	1.04E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Chickasaw	19037	R	Chromium Compounds	2.26E-05	2.26E-05	2.41E-05	3.29E-05	3.26E-05	4.11E-05	4.22E-05	4.22E-05	0.00E+00	2.55E-05	3.11E-06	4.00E-06	0.00E+00
Iowa	Chickasaw	19037	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
Iowa	Chickasaw	19037	R	1,3-Dichloropropene	2.57E-03	2.57E-03	2.65E-03	2.88E-03	5.38E-03	8.11E-03	1.32E-02	1.32E-02	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	Diesel Particulate Matter	5.32E-01	5.32E-01	5.37E-01	5.54E-01	5.86E-01	6.36E-01	7.06E-01	7.06E-01	0.00E+00	0.00E+00	1.59E-01	4.28E-01	***
Iowa	Chickasaw	19037	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.98E-10	1.25E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Chickasaw	19037	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	1.29E-07	3.23E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Chickasaw	19037	R	Ethylene Oxide	3.72E-05	3.72E-05	3.79E-05	5.02E-05	8.96E-05	1.41E-04	2.21E-04	2.21E-04	0.00E+00	8.96E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	Formaldehyde	2.98E-01	2.98E-01	3.01E-01	3.08E-01	3.16E-01	3.31E-01	3.49E-01	3.49E-01	1.36E-03	9.81E-03	3.41E-02	2.05E-02	2.50E-01
Iowa	Chickasaw	19037	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.80E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Chickasaw	19037	R	Hydrazine	4.79E-10	4.79E-10	7.55E-10	1.42E-09	1.32E-09	1.89E-09	1.96E-09	1.96E-09	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	Lead Compounds	1.67E-05	1.67E-05	1.71E-05	2.18E-05	3.11E-05	4.51E-05	6.40E-05	6.40E-05	0.00E+00	2.61E-05	4.34E-06	6.34E-07	0.00E+00
Iowa	Chickasaw	19037	R	Manganese Compounds	3.97E-05	3.97E-05	4.08E-05	4.57E-05	7.35E-05	1.06E-04	1.63E-04	1.63E-04	0.00E+00	6.79E-05	1.25E-06	4.33E-06	0.00E+00
Iowa	Chickasaw	19037	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	2.95E-10	9.89E-06	4.22E-08	1.14E-06	1.50E-03
Iowa	Chickasaw	19037	R	Methylene Chloride	1.56E-01	1.56E-01	1.57E-01	1.59E-01	1.62E-01	1.67E-01	1.73E-01	1.73E-01	2.96E-03	8.99E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Chickasaw	19037	R	Nickel Compounds	1.73E-05	1.73E-05	2.11E-05	3.00E-05	3.34E-05	4.57E-05	5.64E-05	5.64E-05	0.00E+00	2.91E-05	2.40E-06	1.87E-06	0.00E+00
Iowa	Chickasaw	19037	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.45E-01	1.47E-01	1.51E-01	1.51E-01	1.90E-06	4.84E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Chickasaw	19037	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Chickasaw	19037	R	Polycyclic Organic Matter	2.87E-03	2.87E-03	2.95E-03	3.23E-03	5.37E-03	7.79E-03	1.22E-02	1.22E-02	0.00E+00	5.35E-03	2.23E-05	2.07E-06	0.00E+00
Iowa	Chickasaw	19037	R	7-PAH	1.98E-04	1.98E-04	2.05E-04	2.26E-04	3.52E-04	4.99E-04	7.56E-04	7.56E-04	0.00E+00	3.41E-04	9.89E-06	9.54E-07	0.00E+00
Iowa	Chickasaw	19037	R	Propylene Dichloride	9.27E-07	9.27E-07	9.44E-07	1.07E-06	1.07E-06	1.19E-06	1.19E-06	1.19E-06	6.47E-08	1.00E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	Quinoline	4.32E-09	4.32E-09	4.34E-09	6.23E-09	6.27E-09	8.19E-09	8.27E-09	8.27E-09	0.00E+00	6.27E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	1,1,2,2-Tetrachloroethane	6.31E-06	6.31E-06	6.79E-06	8.00E-06	7.91E-06	9.02E-06	9.30E-06	9.30E-06	5.93E-07	7.31E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Chickasaw	19037	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.17E-02	8.19E-02	8.24E-02	8.29E-02	8.29E-02	1.14E-06	9.29E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Chickasaw	19037	R	Vinyl Chloride	1.58E-05	1.58E-05	1.69E-05	1.99E-05	1.97E-05	2.24E-05	2.31E-05	2.31E-05	1.46E-06	1.82E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Acetaldehyde	2.83E-02	2.83E-02	2.83E-02	3.07E-02	3.83E-02	5.60E-02	5.60E-02	5.60E-02	0.00E+00	9.02E-03	2.17E-02	7.62E-03	0.00E+00
Iowa	Clarke	19039	U	Acrolein	6.65E-03	6.65E-03	6.65E-03	8.01E-03	1.18E-02	2.07E-02	2.07E-02	2.07E-02	0.00E+00	8.22E-03	2.73E-03	8.30E-04	0.00E+00
Iowa	Clarke	19039	U	Acrylonitrile	1.42E-05	1.42E-05	1.42E-05	1.98E-05	1.83E-05	2.08E-05	2.08E-05	2.08E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Arsenic Compounds	6.11E-07	6.11E-07	6.11E-07	7.97E-07	2.99E-06	7.55E-06	7.55E-06	7.55E-06	0.00E+00	2.94E-06	4.28E-08	2.35E-09	0.00E+00
Iowa	Clarke	19039	U	Benzene	5.11E-01	5.11E-01	5.11E-01	5.15E-01	5.42E-01	5.99E-01	5.99E-01	5.99E-01	0.00E+00	1.68E-02	3.71E-02	7.80E-03	4.80E-01
Iowa	Clarke	19039	U	Beryllium Compounds	1.70E-07	1.70E-07	1.70E-07	2.18E-07	7.46E-07	1.85E-06	1.85E-06	1.85E-06	0.00E+00	7.46E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	1,3-Butadiene	2.07E-03	2.07E-03	2.07E-03	2.75E-03	7.69E-03	1.82E-02	1.82E-02	1.82E-02	0.00E+00	3.85E-03	2.95E-03	8.83E-04	0.00E+00
Iowa	Clarke	19039	U	Cadmium Compounds	4.83E-07	4.83E-07	4.83E-07	5.79E-07	1.50E-06	3.44E-06	3.44E-06	3.44E-06	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	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	1.28E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Clarke	19039	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	8.55E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Clarke	19039	U	Chromium Compounds	1.30E-04	1.30E-04	1.30E-04	2.60E-04	1.48E-03	4.05E-03	4.05E-03	4.05E-03	0.00E+00	1.48E-03	2.84E-06	2.39E-06	0.00E+00
Iowa	Clarke	19039	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
Iowa	Clarke	19039	U	1,3-Dichloropropene	1.46E-03	1.46E-03	1.46E-03	1.83E-03	5.44E-03	1.30E-02	1.30E-02	1.30E-02	0.00E+00	5.44E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Diesel Particulate Matter	4.36E-01	4.36E-01	4.36E-01	4.37E-01	4.92E-01	6.04E-01	6.04E-01	6.04E-01	0.00E+00	0.00E+00	1.23E-01	3.69E-01	***
Iowa	Clarke	19039	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	9.11E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Clarke	19039	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	2.05E-06	0.00E+00	0.00E+00	6.10E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Clarke	19039	U	Ethylene Oxide	3.18E-05	3.18E-05	3.18E-05	3.78E-05	1.55E-04	3.95E-04	3.95E-04	3.95E-04	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Formaldehyde	2.91E-01	2.91E-01	2.91E-01	2.97E-01	3.24E-01	3.83E-01	3.83E-01	3.83E-01	0.00E+00	3.94E-02	2.27E-02	1.17E-02	2.50E-01
Iowa	Clarke	19039	U	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	1.70E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Clarke	19039	U	Hydrazine	1.10E-11	1.10E-11	1.10E-11	1.12E-11	4.43E-11	1.11E-10	1.11E-10	1.11E-10	0.00E+00	4.43E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Lead Compounds	9.35E-06	9.35E-06	9.35E-06	1.02E-05	3.44E-05	8.37E-05	8.37E-05	8.37E-05	0.00E+00	3.05E-05	3.98E-06	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Manganese Compounds	1.44E-04	1.44E-04	1.44E-04	2.76E-04	1.53E-03	4.16E-03	4.16E-03	4.16E-03	0.00E+00	1.52E-03	1.15E-06	2.83E-06	0.00E+00
Iowa	Clarke	19039	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	5.02E-06	3.84E-08	6.55E-07	1.50E-03
Iowa	Clarke	19039	U	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.63E-01	1.81E-01	1.81E-01	1.81E-01	0.00E+00	1.27E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Clarke	19039	U	Nickel Compounds	1.32E-04	1.32E-04	1.32E-04	2.59E-04	1.53E-03	4.19E-03	4.19E-03	4.19E-03	0.00E+00	1.52E-03	2.19E-06	1.30E-06	0.00E+00
Iowa	Clarke	19039	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.47E-01	1.57E-01	1.57E-01	1.57E-01	0.00E+00	6.86E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Clarke	19039	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Clarke	19039	U	Polycyclic Organic Matter	2.03E-03	2.03E-03	2.03E-03	2.59E-03	6.25E-03	1.41E-02	1.41E-02	1.41E-02	0.00E+00	6.23E-03	2.02E-05	2.09E-06	0.00E+00
Iowa	Clarke	19039	U	7-PAH	1.93E-04	1.93E-04	1.93E-04	2.51E-04	5.39E-04	1.17E-03	1.17E-03	1.17E-03	0.00E+00	5.29E-04	8.98E-06	1.02E-06	0.00E+00
Iowa	Clarke	19039	U	Propylene Dichloride	7.54E-07	7.54E-07	7.54E-07	1.05E-06	9.94E-07	1.18E-06	1.18E-06	1.18E-06	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Quinoline	2.18E-10	2.18E-10	2.18E-10	2.87E-10	1.27E-09	3.31E-09	3.31E-09	3.31E-09	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	1,1,2,2-Tetrachloroethane	5.97E-06	5.97E-06	5.97E-06	8.23E-06	7.93E-06	9.59E-06	9.59E-06	9.59E-06	0.00E+00	7.93E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clarke	19039	U	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.29E-02	8.58E-02	8.58E-02	8.58E-02	0.00E+00	1.86E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Clarke	19039	U	Vinyl Chloride	1.47E-05	1.47E-05	1.47E-05	2.03E-05	1.96E-05	2.37E-05	2.37E-05	2.37E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	Acetaldehyde	4.34E-02	4.34E-02	4.41E-02	7.10E-02	7.09E-02	9.77E-02	9.83E-02	9.83E-02	0.00E+00	8.06E-03	3.85E-02	2.44E-02	0.00E+00
Iowa	Clay	19041	U	Acrolein	1.05E-02	1.05E-02	1.06E-02	1.61E-02	1.61E-02	2.16E-02	2.18E-02	2.18E-02	0.00E+00	2.69E-03	4.96E-03	8.48E-03	0.00E+00
Iowa	Clay	19041	U	Acrylonitrile	1.30E-05	1.30E-05	1.63E-05	2.04E-05	1.91E-05	2.18E-05	2.25E-05	2.25E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	Arsenic Compounds	9.66E-07	9.66E-07	1.01E-06	8.22E-06	8.21E-06	1.54E-05	1.54E-05	1.54E-05	0.00E+00	8.09E-06	1.15E-07	5.29E-09	0.00E+00
Iowa	Clay	19041	U	Benzene	5.92E-01	5.92E-01	5.92E-01	6.87E-01	6.88E-01	7.85E-01	7.88E-01	7.88E-01	0.00E+00	1.19E-02	7.64E-02	1.20E-01	4.80E-01
Iowa	Clay	19041	U	Beryllium Compounds	2.63E-07	2.63E-07	2.72E-07	2.32E-06	2.32E-06	4.37E-06	4.37E-06	4.37E-06	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	1,3-Butadiene	3.73E-03	3.73E-03	3.75E-03	1.34E-02	1.34E-02	2.31E-02	2.32E-02	2.32E-02	0.00E+00	4.12E-04	6.76E-03	6.23E-03	0.00E+00
Iowa	Clay	19041	U	Cadmium Compounds	9.18E-07	9.18E-07	9.23E-07	4.13E-06	4.13E-06	7.34E-06	7.35E-06	7.35E-06	0.00E+00	4.13E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	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	2.39E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Clay	19041	U	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	1.90E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Clay	19041	U	Chromium Compounds	6.46E-06	6.46E-06	6.62E-06	2.07E-05	2.06E-05	3.46E-05	3.46E-05	3.46E-05	0.00E+00	7.80E-06	7.54E-06	5.28E-06	0.00E+00
Iowa	Clay	19041	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
Iowa	Clay	19041	U	1,3-Dichloropropene	2.12E-03	2.12E-03	2.16E-03	1.66E-02	1.66E-02	3.10E-02	3.11E-02	3.11E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	Diesel Particulate Matter	4.97E-01	4.97E-01	5.08E-01	7.54E-01	7.49E-01	9.89E-01	9.90E-01	9.90E-01	0.00E+00	0.00E+00	1.32E-01	6.17E-01	***
Iowa	Clay	19041	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	6.61E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Clay	19041	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	5.51E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Clay	19041	U	Ethylene Oxide	4.54E-05	4.54E-05	4.57E-05	4.25E-04	4.25E-04	8.04E-04	8.04E-04	8.04E-04	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	Formaldehyde	3.05E-01	3.05E-01	3.06E-01	3.47E-01	3.47E-01	3.88E-01	3.88E-01	3.88E-01	0.00E+00	1.27E-02	4.36E-02	4.04E-02	2.50E-01
Iowa	Clay	19041	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	3.61E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Clay	19041	U	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
Iowa	Clay	19041	U	Lead Compounds	1.49E-05	1.49E-05	1.49E-05	6.71E-05	6.71E-05	1.19E-04	1.19E-04	1.19E-04	0.00E+00	5.64E-05	1.06E-05	0.00E+00	0.00E+00
Iowa	Clay	19041	U	Manganese Compounds	3.60E-05	3.60E-05	3.64E-05	2.32E-04	2.32E-04	4.28E-04	4.29E-04	4.29E-04	0.00E+00	2.23E-04	3.09E-06	6.55E-06	0.00E+00
Iowa	Clay	19041	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	0.00E+00	1.57E-05	1.03E-07	1.39E-06	1.50E-03
Iowa	Clay	19041	U	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.87E-01	1.87E-01	2.20E-01	2.20E-01	2.20E-01	0.00E+00	3.71E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Clay	19041	U	Nickel Compounds	1.56E-05	1.56E-05	1.67E-05	1.55E-04	1.54E-04	2.92E-04	2.92E-04	2.92E-04	0.00E+00	1.45E-04	5.80E-06	3.13E-06	0.00E+00
Iowa	Clay	19041	U	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.94E-01	1.93E-01	2.42E-01	2.42E-01	2.42E-01	0.00E+00	5.34E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Clay	19041	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Clay	19041	U	Polycyclic Organic Matter	2.43E-03	2.43E-03	2.51E-03	1.54E-02	1.54E-02	2.83E-02	2.83E-02	2.83E-02	0.00E+00	1.53E-02	5.31E-05	6.22E-05	0.00E+00
Iowa	Clay	19041	U	7-PAH	1.88E-04	1.88E-04	1.95E-04	9.59E-04	9.58E-04	1.72E-03	1.72E-03	1.72E-03	0.00E+00	9.02E-04	2.36E-05	3.21E-05	0.00E+00
Iowa	Clay	19041	U	Propylene Dichloride	6.40E-07	6.40E-07	8.17E-07	1.01E-06	9.32E-07	1.05E-06	1.08E-06	1.08E-06	0.00E+00	9.32E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	1,1,2,2-Tetrachloroethane	4.57E-06	4.57E-06	5.59E-06	6.99E-06	6.59E-06	7.58E-06	7.79E-06	7.79E-06	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clay	19041	U	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.84E-02	8.84E-02	9.52E-02	9.52E-02	9.52E-02	0.00E+00	7.41E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Clay	19041	U	Vinyl Chloride	1.13E-05	1.13E-05	1.38E-05	1.73E-05	1.63E-05	1.87E-05	1.92E-05	1.92E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Clayton	19043	R	Acetaldehyde	3.66E-02	3.66E-02	4.08E-02	4.35E-02	4.70E-02	5.35E-02	6.41E-02	6.41E-02	1.43E-06	7.17E-03	3.03E-02	9.49E-03	0.00E+00
Iowa	Clayton	19043	R	Acrolein	8.45E-03	8.45E-03	9.59E-03	1.15E-02	1.25E-02	1.44E-02	1.96E-02	1.96E-02	7.27E-07	7.78E-03	3.80E-03	9.27E-04	0.00E+00
Iowa	Clayton	19043	R	Acrylonitrile	6.35E-06	6.35E-06	9.69E-06	1.33E-05	1.57E-05	2.46E-05	2.71E-05	2.71E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Arsenic Compounds	1.05E-06	1.05E-06	1.36E-06	2.65E-06	2.68E-06	4.10E-06	4.25E-06	4.25E-06	1.10E-06	1.54E-06	3.35E-08	1.93E-09	0.00E+00
Iowa	Clayton	19043	R	Benzene	5.29E-01	5.29E-01	5.35E-01	5.41E-01	5.47E-01	5.48E-01	5.84E-01	5.84E-01	4.08E-06	1.72E-02	4.30E-02	6.34E-03	4.80E-01
Iowa	Clayton	19043	R	Beryllium Compounds	2.36E-07	2.36E-07	2.56E-07	3.15E-07	3.46E-07	3.92E-07	5.61E-07	5.61E-07	5.83E-08	2.87E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	1,3-Butadiene	3.34E-03	3.34E-03	3.95E-03	4.89E-03	5.86E-03	6.07E-03	1.20E-02	1.20E-02	0.00E+00	2.66E-03	2.76E-03	4.42E-04	0.00E+00
Iowa	Clayton	19043	R	Cadmium Compounds	8.61E-07	8.61E-07	9.88E-07	1.31E-06	1.41E-06	1.74E-06	2.26E-06	2.26E-06	1.45E-07	1.27E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.46E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Clayton	19043	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	8.32E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Clayton	19043	R	Chromium Compounds	6.38E-06	6.38E-06	7.18E-06	9.62E-06	1.05E-05	1.36E-05	1.67E-05	1.67E-05	7.24E-07	5.26E-06	2.18E-06	2.36E-06	0.00E+00
Iowa	Clayton	19043	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
Iowa	Clayton	19043	R	1,3-Dichloropropene	1.98E-03	1.98E-03	2.00E-03	2.18E-03	2.43E-03	2.28E-03	3.94E-03	3.94E-03	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Diesel Particulate Matter	5.23E-01	5.23E-01	5.42E-01	5.44E-01	5.58E-01	5.68E-01	6.24E-01	6.24E-01	0.00E+00	0.00E+00	1.76E-01	3.82E-01	***
Iowa	Clayton	19043	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	7.38E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Clayton	19043	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	1.26E-07	3.46E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Clayton	19043	R	Ethylene Oxide	2.43E-05	2.43E-05	3.00E-05	3.32E-05	3.61E-05	3.74E-05	5.88E-05	5.88E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Formaldehyde	3.02E-01	3.02E-01	3.10E-01	3.18E-01	3.25E-01	3.28E-01	3.70E-01	3.70E-01	1.87E-05	3.14E-02	2.95E-02	1.36E-02	2.50E-01
Iowa	Clayton	19043	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
Iowa	Clayton	19043	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	5.48E-11	5.73E-11	1.04E-10	1.31E-10	1.31E-10	0.00E+00	5.73E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Lead Compounds	1.38E-05	1.38E-05	1.96E-05	3.07E-04	2.70E-04	4.51E-04	5.21E-04	5.21E-04	1.18E-06	2.66E-04	3.00E-06	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Manganese Compounds	3.75E-05	3.75E-05	4.00E-05	4.17E-05	6.16E-05	9.20E-05	1.16E-04	1.16E-04	6.45E-06	5.16E-05	8.61E-07	2.62E-06	0.00E+00
Iowa	Clayton	19043	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	9.57E-07	7.49E-06	2.92E-08	6.74E-07	1.50E-03
Iowa	Clayton	19043	R	Methylene Chloride	1.53E-01	1.53E-01	1.56E-01	1.56E-01	1.60E-01	1.67E-01	1.70E-01	1.70E-01	4.11E-03	5.56E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Clayton	19043	R	Nickel Compounds	1.17E-05	1.17E-05	1.45E-05	1.91E-05	2.39E-05	3.36E-05	4.52E-05	4.52E-05	7.51E-07	2.03E-05	1.69E-06	1.13E-06	0.00E+00
Iowa	Clayton	19043	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.45E-01	1.26E-07	3.47E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Clayton	19043	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	2.64E-12	0.00E+00	0.00E+00	3.80E-04
Iowa	Clayton	19043	R	Polycyclic Organic Matter	2.41E-03	2.41E-03	2.78E-03	2.93E-03	3.30E-03	3.25E-03	5.47E-03	5.47E-03	5.90E-08	3.28E-03	1.59E-05	2.08E-06	0.00E+00
Iowa	Clayton	19043	R	7-PAH	1.99E-04	1.99E-04	2.29E-04	2.55E-04	2.86E-04	2.81E-04	4.94E-04	4.94E-04	1.19E-09	2.78E-04	7.04E-06	1.01E-06	0.00E+00
Iowa	Clayton	19043	R	Propylene Dichloride	3.04E-07	3.04E-07	4.85E-07	7.13E-07	8.21E-07	1.26E-06	1.46E-06	1.46E-06	0.00E+00	8.21E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.51E-09	1.23E-09	1.88E-09	2.52E-09	2.52E-09	0.00E+00	1.23E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	1,1,2,2-Tetrachloroethane	1.84E-06	1.84E-06	3.43E-06	5.53E-06	6.25E-06	9.58E-06	1.16E-05	1.16E-05	0.00E+00	6.25E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clayton	19043	R	Trichloroethylene	8.21E-02	8.21E-02	8.25E-02	8.31E-02	8.38E-02	8.49E-02	8.74E-02	8.74E-02	0.00E+00	2.83E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Clayton	19043	R	Vinyl Chloride	4.55E-06	4.55E-06	8.50E-06	1.37E-05	1.55E-05	2.37E-05	2.87E-05	2.87E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Acetaldehyde	6.88E-02	7.97E-02	1.18E-01	1.49E-01	1.44E-01	1.77E-01	1.92E-01	2.01E-01	1.68E-05	1.96E-02	8.56E-02	3.92E-02	0.00E+00
Iowa	Clinton	19045	U	Acrolein	1.03E-02	1.17E-02	1.75E-02	2.72E-02	2.50E-02	3.14E-02	3.57E-02	3.66E-02	2.65E-03	7.09E-03	1.03E-02	5.00E-03	0.00E+00
Iowa	Clinton	19045	U	Acrylonitrile	1.21E-04	1.24E-04	1.49E-04	1.80E-04	2.06E-04	2.63E-04	2.96E-04	3.33E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Arsenic Compounds	6.39E-06	1.21E-05	2.19E-05	3.87E-05	4.31E-05	5.96E-05	8.73E-05	9.18E-05	1.18E-05	3.10E-05	2.80E-07	2.26E-08	0.00E+00
Iowa	Clinton	19045	U	Benzene	5.41E-01	5.53E-01	5.90E-01	6.88E-01	7.06E-01	7.95E-01	9.20E-01	9.35E-01	5.78E-03	1.69E-02	1.48E-01	5.57E-02	4.80E-01
Iowa	Clinton	19045	U	Beryllium Compounds	6.36E-07	1.07E-06	1.91E-06	5.14E-06	6.45E-06	9.19E-06	1.61E-05	1.62E-05	5.56E-07	5.90E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	1,3-Butadiene	3.22E-03	3.95E-03	5.89E-03	2.36E-02	2.29E-02	3.39E-02	4.70E-02	4.95E-02	2.18E-03	1.95E-03	1.23E-02	6.46E-03	0.00E+00
Iowa	Clinton	19045	U	Cadmium Compounds	6.40E-06	1.03E-05	1.60E-05	5.33E-05	5.86E-05	9.22E-05	1.18E-04	1.49E-04	1.46E-06	5.72E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	4.27E-04	9.46E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Clinton	19045	U	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.35E-02	8.35E-02	8.36E-02	8.38E-02	8.39E-02	0.00E+00	4.94E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Clinton	19045	U	Chromium Compounds	3.52E-05	2.91E-04	3.75E-04	6.94E-04	5.81E-04	7.78E-04	8.14E-04	8.32E-04	2.49E-04	3.01E-04	1.79E-05	1.31E-05	0.00E+00
Iowa	Clinton	19045	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
Iowa	Clinton	19045	U	1,3-Dichloropropene	2.90E-03	3.81E-03	7.64E-03	2.72E-02	3.65E-02	5.50E-02	9.24E-02	1.01E-01	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Diesel Particulate Matter	7.24E-01	7.49E-01	7.85E-01	1.12E+00	1.06E+00	1.28E+00	1.36E+00	1.44E+00	0.00E+00	0.00E+00	2.80E-01	7.77E-01	***
Iowa	Clinton	19045	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	1.16E-06	0.00E+00	0.00E+00	7.70E-03
Iowa	Clinton	19045	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.15E-06	4.90E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Clinton	19045	U	Ethylene Oxide	4.89E-04	5.58E-04	1.21E-03	2.14E-03	3.62E-03	4.62E-03	6.06E-03	1.59E-02	1.84E-05	3.60E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Formaldehyde	3.35E-01	3.41E-01	3.81E-01	4.48E-01	4.36E-01	4.93E-01	5.20E-01	5.31E-01	5.24E-04	3.45E-02	9.04E-02	6.08E-02	2.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Clinton	19045	U	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	1.62E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Clinton	19045	U	Hydrazine	1.95E-09	6.05E-09	9.94E-09	1.53E-07	4.60E-07	8.56E-07	1.26E-06	1.58E-06	0.00E+00	4.60E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Lead Compounds	2.36E-04	3.87E-04	6.06E-04	2.36E-03	2.60E-03	4.15E-03	5.16E-03	6.86E-03	3.68E-05	2.52E-03	2.52E-05	1.92E-05	0.00E+00
Iowa	Clinton	19045	U	Manganese Compounds	9.85E-05	1.62E-04	4.37E-04	2.41E-03	2.94E-03	5.07E-03	5.92E-03	7.57E-03	8.32E-04	2.09E-03	7.36E-06	1.61E-05	0.00E+00
Iowa	Clinton	19045	U	Mercury Compounds	1.54E-03	1.55E-03	1.57E-03	1.65E-03	1.66E-03	1.74E-03	1.80E-03	1.88E-03	5.15E-06	1.55E-04	2.46E-07	3.47E-06	1.50E-03
Iowa	Clinton	19045	U	Methylene Chloride	1.56E-01	1.59E-01	1.67E-01	2.14E-01	2.37E-01	2.88E-01	3.69E-01	3.86E-01	7.94E-06	8.69E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Clinton	19045	U	Nickel Compounds	4.16E-05	9.21E-05	1.28E-04	4.86E-04	6.02E-04	1.00E-03	1.31E-03	1.47E-03	7.96E-05	5.01E-04	1.38E-05	7.72E-06	0.00E+00
Iowa	Clinton	19045	U	Perchloroethylene	1.43E-01	1.46E-01	1.52E-01	1.81E-01	1.88E-01	2.19E-01	2.47E-01	2.50E-01	1.18E-06	4.80E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Clinton	19045	U	Polychlorinated Biphenyls	3.80E-04	3.90E-04	3.91E-04	3.93E-04	3.94E-04	3.95E-04	4.02E-04	4.06E-04	0.00E+00	1.35E-05	0.00E+00	0.00E+00	3.80E-04
Iowa	Clinton	19045	U	Polycyclic Organic Matter	3.79E-03	6.68E-03	1.02E-02	3.50E-02	4.00E-02	6.24E-02	9.00E-02	9.74E-02	2.69E-05	3.98E-02	1.26E-04	1.58E-05	0.00E+00
Iowa	Clinton	19045	U	7-PAH	2.62E-04	3.24E-04	5.46E-04	1.76E-03	2.07E-03	3.11E-03	4.80E-03	5.28E-03	6.16E-08	2.00E-03	5.60E-05	7.75E-06	0.00E+00
Iowa	Clinton	19045	U	Propylene Dichloride	7.29E-06	7.41E-06	1.05E-05	1.27E-05	2.08E-05	3.11E-05	4.03E-05	4.76E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Quinoline	2.06E-08	4.69E-07	6.70E-07	1.15E-06	1.90E-06	3.01E-06	4.12E-06	4.89E-06	0.00E+00	1.90E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	1,1,2,2-Tetrachloroethane	5.65E-05	5.98E-05	6.39E-05	7.51E-05	7.52E-05	8.75E-05	9.06E-05	9.34E-05	0.00E+00	7.52E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Clinton	19045	U	Trichloroethylene	8.21E-02	8.54E-02	8.87E-02	1.04E-01	1.07E-01	1.25E-01	1.31E-01	1.36E-01	0.00E+00	2.55E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Clinton	19045	U	Vinyl Chloride	2.16E-04	3.22E-04	4.83E-04	1.73E-03	4.33E-03	7.73E-03	1.10E-02	1.34E-02	0.00E+00	4.33E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Acetaldehyde	2.83E-02	2.83E-02	3.40E-02	3.70E-02	3.81E-02	4.10E-02	5.01E-02	5.01E-02	0.00E+00	3.46E-03	2.43E-02	1.03E-02	0.00E+00
Iowa	Crawford	19047	R	Acrolein	4.10E-03	4.10E-03	4.16E-03	4.66E-03	5.00E-03	4.98E-03	7.13E-03	7.13E-03	0.00E+00	1.06E-03	3.07E-03	8.70E-04	0.00E+00
Iowa	Crawford	19047	R	Acrylonitrile	1.15E-05	1.15E-05	1.26E-05	1.32E-05	1.46E-05	1.64E-05	1.93E-05	1.93E-05	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Arsenic Compounds	6.17E-07	6.17E-07	6.38E-07	7.68E-07	1.62E-06	9.24E-07	5.14E-06	5.14E-06	0.00E+00	1.58E-06	3.30E-08	1.98E-09	0.00E+00
Iowa	Crawford	19047	R	Benzene	5.11E-01	5.11E-01	5.14E-01	5.16E-01	5.22E-01	5.21E-01	5.50E-01	5.50E-01	0.00E+00	3.40E-03	3.40E-02	4.85E-03	4.80E-01
Iowa	Crawford	19047	R	Beryllium Compounds	1.67E-07	1.67E-07	1.81E-07	2.13E-07	4.24E-07	2.44E-07	1.32E-06	1.32E-06	0.00E+00	4.24E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	1,3-Butadiene	1.79E-03	1.79E-03	1.95E-03	2.09E-03	2.71E-03	2.17E-03	5.53E-03	5.53E-03	0.00E+00	2.26E-04	2.14E-03	3.46E-04	0.00E+00
Iowa	Crawford	19047	R	Cadmium Compounds	6.46E-07	6.46E-07	7.58E-07	7.84E-07	1.13E-06	9.18E-07	2.52E-06	2.52E-06	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	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
Iowa	Crawford	19047	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	6.41E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Crawford	19047	R	Chromium Compounds	1.30E-05	1.30E-05	1.76E-05	3.27E-05	4.83E-05	4.38E-05	1.34E-04	1.34E-04	0.00E+00	4.38E-05	2.22E-06	2.31E-06	0.00E+00
Iowa	Crawford	19047	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
Iowa	Crawford	19047	R	1,3-Dichloropropene	1.39E-03	1.39E-03	1.67E-03	1.81E-03	3.25E-03	1.87E-03	9.52E-03	9.52E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Diesel Particulate Matter	4.71E-01	4.71E-01	4.80E-01	4.86E-01	4.98E-01	5.04E-01	5.47E-01	5.47E-01	0.00E+00	0.00E+00	1.08E-01	3.90E-01	***
Iowa	Crawford	19047	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	1.07E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Crawford	19047	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	2.28E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Crawford	19047	R	Ethylene Oxide	1.93E-05	1.93E-05	2.19E-05	2.86E-05	5.24E-05	3.49E-05	1.55E-04	1.55E-04	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Formaldehyde	2.85E-01	2.85E-01	2.88E-01	2.91E-01	2.94E-01	2.95E-01	3.13E-01	3.13E-01	0.00E+00	6.41E-03	2.30E-02	1.49E-02	2.50E-01
Iowa	Crawford	19047	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	1.49E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Crawford	19047	R	Hydrazine	8.10E-11	8.10E-11	2.24E-10	3.00E-10	1.62E-09	4.86E-10	7.02E-09	7.02E-09	0.00E+00	1.62E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Lead Compounds	1.07E-05	1.07E-05	1.21E-05	1.24E-05	1.86E-05	1.51E-05	4.25E-05	4.25E-05	0.00E+00	1.55E-05	3.07E-06	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Manganese Compounds	2.34E-05	2.34E-05	2.80E-05	3.06E-05	5.25E-05	3.24E-05	1.48E-04	1.48E-04	0.00E+00	4.91E-05	8.81E-07	2.53E-06	0.00E+00
Iowa	Crawford	19047	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	6.45E-06	2.96E-08	6.60E-07	1.50E-03
Iowa	Crawford	19047	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.56E-01	1.54E-01	1.71E-01	1.71E-01	0.00E+00	6.48E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Crawford	19047	R	Nickel Compounds	9.11E-06	9.11E-06	1.15E-05	1.28E-05	3.54E-05	2.01E-05	1.23E-04	1.23E-04	0.00E+00	3.26E-05	1.71E-06	1.09E-06	0.00E+00
Iowa	Crawford	19047	R	Perchloroethylene	1.41E-01	1.41E-01	1.43E-01	1.44E-01	1.44E-01	1.46E-01	1.47E-01	1.47E-01	2.54E-03	1.66E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Crawford	19047	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Crawford	19047	R	Polycyclic Organic Matter	1.67E-03	1.67E-03	1.87E-03	2.07E-03	3.42E-03	2.15E-03	9.34E-03	9.34E-03	0.00E+00	3.40E-03	1.60E-05	1.41E-06	0.00E+00
Iowa	Crawford	19047	R	7-PAH	1.27E-04	1.27E-04	1.30E-04	1.42E-04	2.25E-04	1.49E-04	5.77E-04	5.77E-04	0.00E+00	2.17E-04	7.09E-06	6.66E-07	0.00E+00
Iowa	Crawford	19047	R	Propylene Dichloride	6.11E-07	6.11E-07	7.31E-07	8.11E-07	8.15E-07	8.80E-07	1.04E-06	1.04E-06	0.00E+00	8.15E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Quinoline	8.69E-10	8.69E-10	1.07E-09	1.39E-09	5.66E-09	3.91E-09	2.10E-08	2.10E-08	0.00E+00	5.66E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	1,1,2,2-Tetrachloroethane	4.66E-06	4.66E-06	4.96E-06	5.54E-06	6.07E-06	6.95E-06	8.26E-06	8.26E-06	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Crawford	19047	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.19E-02	8.15E-02	8.38E-02	8.38E-02	0.00E+00	8.51E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Crawford	19047	R	Vinyl Chloride	1.15E-05	1.15E-05	1.28E-05	1.38E-05	1.51E-05	1.72E-05	2.04E-05	2.04E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	Acetaldehyde	8.34E-02	8.34E-02	1.05E-01	1.34E-01	1.33E-01	1.62E-01	1.80E-01	1.80E-01	5.02E-07	1.43E-02	8.65E-02	3.26E-02	0.00E+00
Iowa	Dallas	19049	U	Acrolein	1.07E-02	1.07E-02	1.47E-02	1.89E-02	1.75E-02	2.07E-02	2.10E-02	2.10E-02	2.56E-07	3.77E-03	9.46E-03	4.28E-03	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Dallas	19049	U	Acrylonitrile	8.27E-05	8.27E-05	9.51E-05	1.08E-04	1.24E-04	1.46E-04	2.13E-04	2.13E-04	6.34E-05	6.08E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	Arsenic Compounds	1.37E-06	1.37E-06	2.71E-06	4.59E-06	6.89E-06	1.11E-05	1.70E-05	1.70E-05	3.24E-07	6.49E-06	7.11E-08	9.87E-09	0.00E+00
Iowa	Dallas	19049	U	Benzene	5.55E-01	5.55E-01	5.85E-01	6.19E-01	6.46E-01	7.11E-01	7.84E-01	7.84E-01	1.65E-04	1.09E-02	1.13E-01	4.21E-02	4.80E-01
Iowa	Dallas	19049	U	Beryllium Compounds	4.00E-07	4.00E-07	7.09E-07	1.19E-06	1.75E-06	2.79E-06	4.23E-06	4.23E-06	1.80E-08	1.73E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	1,3-Butadiene	3.54E-03	3.54E-03	5.23E-03	6.68E-03	1.29E-02	2.11E-02	3.38E-02	3.38E-02	0.00E+00	9.49E-04	7.55E-03	4.42E-03	0.00E+00
Iowa	Dallas	19049	U	Cadmium Compounds	1.77E-06	1.77E-06	2.65E-06	4.13E-06	5.48E-06	9.28E-06	9.99E-06	9.99E-06	4.56E-08	5.44E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	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	1.16E-07	3.90E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Dallas	19049	U	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	6.76E-07	2.51E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Dallas	19049	U	Chromium Compounds	2.92E-05	2.92E-05	4.14E-05	5.17E-05	5.90E-05	7.10E-05	1.14E-04	1.14E-04	3.42E-05	1.31E-05	4.66E-06	7.04E-06	0.00E+00
Iowa	Dallas	19049	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
Iowa	Dallas	19049	U	1,3-Dichloropropene	3.27E-03	3.27E-03	5.64E-03	8.80E-03	1.50E-02	2.47E-02	3.87E-02	3.87E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	Diesel Particulate Matter	5.26E-01	5.26E-01	5.51E-01	5.57E-01	6.39E-01	7.36E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	1.50E-01	4.89E-01	***
Iowa	Dallas	19049	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	3.55E-08	3.61E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Dallas	19049	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	7.70E-06	8.07E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Dallas	19049	U	Ethylene Oxide	8.48E-05	8.48E-05	1.28E-04	2.05E-04	2.01E-04	2.69E-04	3.15E-04	3.15E-04	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	Formaldehyde	3.45E-01	3.45E-01	3.74E-01	4.10E-01	4.02E-01	4.30E-01	4.43E-01	4.43E-01	2.97E-07	2.32E-02	7.88E-02	5.00E-02	2.50E-01
Iowa	Dallas	19049	U	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
Iowa	Dallas	19049	U	Hydrazine	1.40E-10	1.40E-10	2.13E-10	3.16E-10	4.28E-10	6.05E-10	1.02E-09	1.02E-09	0.00E+00	4.28E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	Lead Compounds	1.13E-04	1.13E-04	1.35E-04	1.96E-04	2.11E-04	2.63E-04	3.85E-04	3.85E-04	3.68E-07	5.92E-05	6.46E-06	1.45E-04	0.00E+00
Iowa	Dallas	19049	U	Manganese Compounds	6.21E-05	6.21E-05	1.04E-04	1.61E-04	2.46E-04	3.93E-04	5.93E-04	5.93E-04	4.09E-07	2.36E-04	1.85E-06	8.25E-06	0.00E+00
Iowa	Dallas	19049	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	2.57E-07	2.59E-05	6.34E-08	1.95E-06	1.50E-03
Iowa	Dallas	19049	U	Methylene Chloride	1.57E-01	1.57E-01	1.62E-01	1.70E-01	1.82E-01	2.02E-01	2.32E-01	2.32E-01	2.23E-04	3.16E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Dallas	19049	U	Nickel Compounds	2.15E-05	2.15E-05	3.77E-05	6.31E-05	1.06E-04	1.75E-04	2.75E-04	2.75E-04	8.59E-07	9.78E-05	3.59E-06	3.73E-06	0.00E+00
Iowa	Dallas	19049	U	Perchloroethylene	1.44E-01	1.44E-01	1.47E-01	1.51E-01	1.53E-01	1.59E-01	1.65E-01	1.65E-01	1.14E-04	1.26E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Dallas	19049	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Dallas	19049	U	Polycyclic Organic Matter	3.82E-03	3.82E-03	6.33E-03	9.46E-03	1.43E-02	2.26E-02	3.40E-02	3.40E-02	6.20E-05	1.42E-02	3.36E-05	1.38E-05	0.00E+00
Iowa	Dallas	19049	U	7-PAH	2.69E-04	2.69E-04	4.37E-04	6.25E-04	9.07E-04	1.40E-03	2.07E-03	2.07E-03	4.12E-10	8.86E-04	1.49E-05	6.13E-06	0.00E+00
Iowa	Dallas	19049	U	Propylene Dichloride	4.79E-06	4.79E-06	5.56E-06	6.27E-06	7.27E-06	8.59E-06	1.25E-05	1.25E-05	3.84E-06	3.43E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	Quinoline	4.40E-09	4.40E-09	5.87E-09	7.88E-09	9.64E-09	1.25E-08	2.02E-08	2.02E-08	0.00E+00	9.64E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	1,1,2,2-Tetrachloroethane	4.11E-05	4.11E-05	4.78E-05	5.40E-05	6.25E-05	7.38E-05	1.08E-04	1.08E-04	3.52E-05	2.73E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Dallas	19049	U	Trichloroethylene	8.25E-02	8.25E-02	8.36E-02	8.53E-02	8.58E-02	8.81E-02	9.02E-02	9.02E-02	6.80E-05	4.76E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Dallas	19049	U	Vinyl Chloride	1.01E-04	1.01E-04	1.18E-04	1.33E-04	1.54E-04	1.82E-04	2.66E-04	2.66E-04	8.66E-05	6.77E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	R	Acetaldehyde	2.11E-02	2.11E-02	2.11E-02	2.13E-02	2.13E-02	2.14E-02	2.14E-02	2.14E-02	7.32E-06	3.96E-03	1.19E-02	5.43E-03	0.00E+00
Iowa	Davis	19051	R	Acrolein	5.45E-03	5.45E-03	5.45E-03	5.50E-03	5.50E-03	5.54E-03	5.54E-03	5.54E-03	3.72E-06	3.29E-03	1.57E-03	6.33E-04	0.00E+00
Iowa	Davis	19051	R	Acrylonitrile	6.42E-06	6.42E-06	6.42E-06	6.65E-06	6.65E-06	6.88E-06	6.88E-06	6.88E-06	0.00E+00	6.65E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	R	Arsenic Compounds	5.69E-06	5.69E-06	5.69E-06	6.12E-06	6.12E-06	6.54E-06	6.54E-06	6.54E-06	5.49E-06	6.00E-07	2.58E-08	1.33E-09	0.00E+00
Iowa	Davis	19051	R	Benzene	5.13E-01	5.13E-01	5.13E-01	5.13E-01	5.13E-01	5.13E-01	5.13E-01	5.13E-01	1.94E-05	7.38E-03	2.17E-02	3.87E-03	4.80E-01
Iowa	Davis	19051	R	Beryllium Compounds	4.42E-07	4.42E-07	4.42E-07	4.61E-07	4.61E-07	4.80E-07	4.80E-07	4.80E-07	2.88E-07	1.74E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	R	1,3-Butadiene	3.52E-03	3.52E-03	3.52E-03	3.53E-03	3.53E-03	3.54E-03	3.54E-03	3.54E-03	0.00E+00	1.39E-03	1.80E-03	3.38E-04	0.00E+00
Iowa	Davis	19051	R	Cadmium Compounds	1.11E-06	1.11E-06	1.11E-06	1.17E-06	1.17E-06	1.22E-06	1.22E-06	1.22E-06	7.10E-07	4.58E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	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	8.21E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Davis	19051	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	4.29E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Davis	19051	R	Chromium Compounds	1.77E-05	1.77E-05	1.77E-05	1.96E-05	1.96E-05	2.16E-05	2.16E-05	2.16E-05	3.57E-06	1.27E-05	1.55E-06	1.79E-06	0.00E+00
Iowa	Davis	19051	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
Iowa	Davis	19051	R	1,3-Dichloropropene	1.69E-03	1.69E-03	1.69E-03	1.72E-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
Iowa	Davis	19051	R	Diesel Particulate Matter	4.03E-01	4.03E-01	4.03E-01	4.05E-01	4.05E-01	4.07E-01	4.07E-01	4.07E-01	0.00E+00	0.00E+00	1.13E-01	2.92E-01	***
Iowa	Davis	19051	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	2.95E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Davis	19051	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.96E-07	9.90E-07	0.00E+00	0.00E+00	6.10E-02
Iowa	Davis	19051	R	Ethylene Oxide	3.41E-05	3.41E-05	3.41E-05	3.51E-05	3.51E-05	3.60E-05	3.60E-05	3.60E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	R	Formaldehyde	2.88E-01	2.88E-01	2.88E-01	2.88E-01	2.88E-01	2.88E-01	2.88E-01	2.88E-01	3.79E-06	1.60E-02	1.37E-02	8.27E-03	2.50E-01
Iowa	Davis	19051	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	9.27E-08	0.00E+00	0.00E+00	9.30E-05
Iowa	Davis	19051	R	Hydrazine	3.62E-11	3.62E-11	3.62E-11	4.84E-11	4.84E-11	6.06E-11	6.06E-11	6.06E-11	0.00E+00	4.84E-11	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Davis	19051	R	Lead Compounds	2.57E-05	2.57E-05	2.57E-05	2.60E-05	2.60E-05	2.63E-05	2.63E-05	2.63E-05	5.81E-06	9.01E-06	2.14E-06	9.06E-06	0.00E+00
Iowa	Davis	19051	R	Manganese Compounds	3.78E-05	3.78E-05	3.78E-05	3.97E-05	3.97E-05	4.17E-05	4.17E-05	4.17E-05	6.68E-06	3.04E-05	6.28E-07	2.00E-06	0.00E+00
Iowa	Davis	19051	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	2.34E-06	2.72E-06	2.13E-08	5.04E-07	1.50E-03
Iowa	Davis	19051	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	4.17E-06	3.00E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Davis	19051	R	Nickel Compounds	2.30E-05	2.30E-05	2.30E-05	2.50E-05	2.50E-05	2.70E-05	2.70E-05	2.70E-05	3.75E-06	1.92E-05	1.21E-06	8.88E-07	0.00E+00
Iowa	Davis	19051	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	6.19E-07	8.46E-04	0.00E+00	0.00E+00	1.40E-01
Iowa	Davis	19051	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Davis	19051	R	Polycyclic Organic Matter	2.11E-03	2.11E-03	2.11E-03	2.13E-03	2.13E-03	2.16E-03	2.16E-03	2.16E-03	2.81E-07	2.12E-03	1.11E-05	1.30E-06	0.00E+00
Iowa	Davis	19051	R	7-PAH	1.94E-04	1.94E-04	1.94E-04	1.94E-04	1.94E-04	1.95E-04	1.95E-04	1.95E-04	5.71E-09	1.89E-04	4.92E-06	5.74E-07	0.00E+00
Iowa	Davis	19051	R	Propylene Dichloride	3.16E-07	3.16E-07	3.16E-07	3.29E-07	3.29E-07	3.43E-07	3.43E-07	3.43E-07	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	R	Quinoline	6.51E-10	6.51E-10	6.51E-10	7.75E-10	7.75E-10	8.99E-10	8.99E-10	8.99E-10	0.00E+00	7.75E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	R	1,1,2,2-Tetrachloroethane	2.16E-06	2.16E-06	2.16E-06	2.26E-06	2.26E-06	2.36E-06	2.36E-06	2.36E-06	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Davis	19051	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	3.26E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Davis	19051	R	Vinyl Chloride	5.35E-06	5.35E-06	5.35E-06	5.60E-06	5.60E-06	5.86E-06	5.86E-06	5.86E-06	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Acetaldehyde	2.60E-02	2.60E-02	2.60E-02	3.81E-02	3.41E-02	3.82E-02	3.82E-02	3.82E-02	0.00E+00	7.36E-03	1.91E-02	7.68E-03	0.00E+00
Iowa	Decatur	19053	R	Acrolein	7.00E-03	7.00E-03	7.00E-03	1.14E-02	9.97E-03	1.15E-02	1.15E-02	1.15E-02	0.00E+00	6.66E-03	2.43E-03	8.73E-04	0.00E+00
Iowa	Decatur	19053	R	Acrylonitrile	3.68E-05	3.68E-05	3.68E-05	6.65E-05	5.67E-05	6.70E-05	6.70E-05	6.70E-05	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Arsenic Compounds	4.81E-07	4.81E-07	4.81E-07	1.87E-06	1.41E-06	1.87E-06	1.87E-06	1.87E-06	0.00E+00	1.38E-06	2.70E-08	1.45E-09	0.00E+00
Iowa	Decatur	19053	R	Benzene	5.17E-01	5.17E-01	5.17E-01	5.49E-01	5.38E-01	5.49E-01	5.49E-01	5.49E-01	0.00E+00	1.69E-02	3.77E-02	3.50E-03	4.80E-01
Iowa	Decatur	19053	R	Beryllium Compounds	1.46E-07	1.46E-07	1.46E-07	5.48E-07	4.14E-07	5.49E-07	5.49E-07	5.49E-07	0.00E+00	4.14E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	1,3-Butadiene	3.35E-03	3.35E-03	3.35E-03	8.32E-03	6.66E-03	8.32E-03	8.32E-03	8.32E-03	0.00E+00	3.10E-03	3.27E-03	2.96E-04	0.00E+00
Iowa	Decatur	19053	R	Cadmium Compounds	4.41E-07	4.41E-07	4.41E-07	1.14E-06	9.08E-07	1.14E-06	1.14E-06	1.14E-06	0.00E+00	9.08E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	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	8.43E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Decatur	19053	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	5.31E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Decatur	19053	R	Chromium Compounds	1.12E-05	1.12E-05	1.12E-05	3.35E-05	2.62E-05	3.39E-05	3.39E-05	3.39E-05	0.00E+00	2.15E-05	1.78E-06	2.94E-06	0.00E+00
Iowa	Decatur	19053	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
Iowa	Decatur	19053	R	1,3-Dichloropropene	1.34E-03	1.34E-03	1.34E-03	3.92E-03	3.06E-03	3.93E-03	3.93E-03	3.93E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Diesel Particulate Matter	3.95E-01	3.95E-01	3.95E-01	4.67E-01	4.43E-01	4.68E-01	4.68E-01	4.68E-01	0.00E+00	0.00E+00	1.20E-01	3.23E-01	***
Iowa	Decatur	19053	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	3.03E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Decatur	19053	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	8.20E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Decatur	19053	R	Ethylene Oxide	2.71E-05	2.71E-05	2.71E-05	1.56E-04	1.13E-04	1.56E-04	1.56E-04	1.56E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Formaldehyde	2.93E-01	2.93E-01	2.93E-01	3.28E-01	3.16E-01	3.28E-01	3.28E-01	3.28E-01	0.00E+00	3.20E-02	2.19E-02	1.25E-02	2.50E-01
Iowa	Decatur	19053	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	1.59E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Decatur	19053	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-13	2.68E-12	2.68E-12	2.68E-12	0.00E+00	8.92E-13	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Lead Compounds	6.85E-06	6.85E-06	6.85E-06	1.29E-05	1.09E-05	1.29E-05	1.29E-05	1.29E-05	0.00E+00	8.38E-06	2.49E-06	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Manganese Compounds	2.45E-05	2.45E-05	2.45E-05	6.93E-05	5.45E-05	6.97E-05	6.97E-05	6.97E-05	0.00E+00	5.07E-05	7.21E-07	3.10E-06	0.00E+00
Iowa	Decatur	19053	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	4.67E-06	2.40E-08	8.39E-07	1.50E-03
Iowa	Decatur	19053	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.62E-01	1.59E-01	1.62E-01	1.62E-01	1.62E-01	0.00E+00	8.56E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Decatur	19053	R	Nickel Compounds	1.27E-05	1.27E-05	1.27E-05	5.54E-05	4.14E-05	5.60E-05	5.60E-05	5.60E-05	0.00E+00	3.87E-05	1.37E-06	1.34E-06	0.00E+00
Iowa	Decatur	19053	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.46E-01	1.44E-01	1.46E-01	1.46E-01	1.46E-01	0.00E+00	4.35E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Decatur	19053	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Decatur	19053	R	Polycyclic Organic Matter	1.94E-03	1.94E-03	1.94E-03	4.87E-03	3.90E-03	4.88E-03	4.88E-03	4.88E-03	0.00E+00	3.88E-03	1.27E-05	1.03E-06	0.00E+00
Iowa	Decatur	19053	R	7-PAH	1.98E-04	1.98E-04	1.98E-04	4.34E-04	3.55E-04	4.35E-04	4.35E-04	4.35E-04	0.00E+00	3.49E-04	5.63E-06	4.47E-07	0.00E+00
Iowa	Decatur	19053	R	Propylene Dichloride	2.17E-06	2.17E-06	2.17E-06	3.94E-06	3.36E-06	3.97E-06	3.97E-06	3.97E-06	0.00E+00	3.36E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-11	7.19E-11	7.19E-11	7.19E-11	0.00E+00	2.40E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	1,1,2,2-Tetrachloroethane	1.93E-05	1.93E-05	1.93E-05	3.53E-05	3.00E-05	3.56E-05	3.56E-05	3.56E-05	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Decatur	19053	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.32E-02	8.25E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.54E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Decatur	19053	R	Vinyl Chloride	4.76E-05	4.76E-05	4.76E-05	6.88E-05	7.40E-05	8.76E-05	8.76E-05	8.76E-05	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	Acetaldehyde	5.21E-02	5.21E-02	5.42E-02	5.66E-02	6.77E-02	8.11E-02	1.05E-01	1.05E-01	1.75E-06	5.98E-03	4.51E-02	1.66E-02	0.00E+00
Iowa	Delaware	19055	R	Acrolein	7.87E-03	7.87E-03	8.06E-03	8.74E-03	1.06E-02	1.32E-02	1.72E-02	1.72E-02	8.92E-07	3.45E-03	5.34E-03	1.84E-03	0.00E+00
Iowa	Delaware	19055	R	Acrylonitrile	3.03E-05	3.03E-05	3.09E-05	3.67E-05	3.88E-05	4.66E-05	5.13E-05	5.13E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	Arsenic Compounds	1.40E-06	1.40E-06	2.34E-06	3.46E-06	4.52E-06	6.71E-06	9.77E-06	9.77E-06	1.33E-06	3.13E-06	5.65E-08	3.50E-09	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Delaware	19055	R	Benzene	5.35E-01	5.35E-01	5.37E-01	5.39E-01	5.64E-01	5.92E-01	6.44E-01	6.44E-01	5.02E-06	9.50E-03	6.63E-02	8.37E-03	4.80E-01
Iowa	Delaware	19055	R	Beryllium Compounds	3.08E-07	3.08E-07	3.52E-07	4.04E-07	8.34E-07	1.32E-06	2.22E-06	2.22E-06	7.03E-08	7.64E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	1,3-Butadiene	3.22E-03	3.22E-03	3.28E-03	3.40E-03	6.26E-03	9.23E-03	1.50E-02	1.50E-02	0.00E+00	8.55E-04	4.77E-03	6.32E-04	0.00E+00
Iowa	Delaware	19055	R	Cadmium Compounds	1.16E-06	1.16E-06	1.30E-06	1.48E-06	2.17E-06	3.04E-06	4.55E-06	4.55E-06	1.75E-07	1.99E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	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	2.42E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Delaware	19055	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	0.00E+00	1.62E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Delaware	19055	R	Chromium Compounds	1.33E-05	1.33E-05	1.41E-05	2.75E-05	3.15E-05	4.90E-05	5.79E-05	5.79E-05	8.78E-07	2.12E-05	3.70E-06	5.77E-06	0.00E+00
Iowa	Delaware	19055	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
Iowa	Delaware	19055	R	1,3-Dichloropropene	2.60E-03	2.60E-03	2.64E-03	2.67E-03	6.39E-03	1.01E-02	1.76E-02	1.76E-02	0.00E+00	6.39E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	Diesel Particulate Matter	5.57E-01	5.57E-01	5.60E-01	5.70E-01	8.44E-01	1.13E+00	1.68E+00	1.68E+00	0.00E+00	0.00E+00	1.82E-01	6.62E-01	***
Iowa	Delaware	19055	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	4.02E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Delaware	19055	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-07	6.09E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Delaware	19055	R	Ethylene Oxide	4.56E-05	4.56E-05	4.88E-05	5.99E-05	1.22E-04	1.94E-04	3.21E-04	3.21E-04	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	Formaldehyde	3.10E-01	3.10E-01	3.12E-01	3.15E-01	3.36E-01	3.60E-01	4.04E-01	4.04E-01	1.16E-06	1.61E-02	4.38E-02	2.62E-02	2.50E-01
Iowa	Delaware	19055	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.35E-05	9.38E-05	9.45E-05	9.45E-05	0.00E+00	4.63E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Delaware	19055	R	Hydrazine	1.88E-10	1.88E-10	4.45E-10	1.18E-09	9.67E-09	1.89E-08	3.61E-08	3.61E-08	0.00E+00	9.67E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	Lead Compounds	4.92E-04	4.92E-04	7.16E-04	1.67E-03	8.69E-03	1.67E-02	3.09E-02	3.09E-02	1.43E-06	8.68E-03	5.16E-06	3.31E-06	0.00E+00
Iowa	Delaware	19055	R	Manganese Compounds	5.22E-05	5.22E-05	5.52E-05	6.15E-05	1.21E-04	1.87E-04	3.09E-04	3.09E-04	4.08E-06	1.09E-04	1.49E-06	6.17E-06	0.00E+00
Iowa	Delaware	19055	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	3.01E-07	1.13E-05	5.00E-08	1.67E-06	1.50E-03
Iowa	Delaware	19055	R	Methylene Chloride	1.59E-01	1.59E-01	1.63E-01	1.69E-01	1.77E-01	1.91E-01	2.12E-01	2.12E-01	1.11E-02	1.60E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Delaware	19055	R	Nickel Compounds	1.96E-05	1.96E-05	2.31E-05	4.23E-05	7.37E-05	1.24E-04	1.91E-04	1.91E-04	1.30E-06	6.69E-05	2.86E-06	2.63E-06	0.00E+00
Iowa	Delaware	19055	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.44E-01	1.46E-01	1.49E-01	1.49E-01	1.55E-07	3.67E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Delaware	19055	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Delaware	19055	R	Polycyclic Organic Matter	3.05E-03	3.05E-03	3.07E-03	3.13E-03	6.48E-03	9.90E-03	1.66E-02	1.66E-02	7.30E-08	6.45E-03	2.65E-05	2.57E-06	0.00E+00
Iowa	Delaware	19055	R	7-PAH	2.26E-04	2.26E-04	2.26E-04	2.35E-04	4.36E-04	6.47E-04	1.05E-03	1.05E-03	1.44E-09	4.24E-04	1.18E-05	1.14E-06	0.00E+00
Iowa	Delaware	19055	R	Propylene Dichloride	1.74E-06	1.74E-06	1.76E-06	2.08E-06	2.35E-06	2.93E-06	3.49E-06	3.49E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	Quinoline	2.43E-09	2.43E-09	3.21E-09	6.21E-09	2.86E-08	5.40E-08	9.95E-08	9.95E-08	0.00E+00	2.86E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	1,1,2,2-Tetrachloroethane	1.34E-05	1.34E-05	1.39E-05	1.70E-05	1.71E-05	2.04E-05	2.12E-05	2.12E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Delaware	19055	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.16E-02	8.29E-02	8.41E-02	8.66E-02	8.66E-02	0.00E+00	1.85E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Delaware	19055	R	Vinyl Chloride	3.33E-05	3.33E-05	3.44E-05	4.20E-05	4.31E-05	5.17E-05	5.50E-05	5.50E-05	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	Acetaldehyde	6.20E-02	6.97E-02	9.13E-02	1.07E-01	1.03E-01	1.21E-01	1.24E-01	1.28E-01	8.76E-06	1.51E-02	5.40E-02	3.41E-02	0.00E+00
Iowa	Des Moines	19057	U	Acrolein	1.22E-02	1.39E-02	1.80E-02	2.72E-02	2.38E-02	2.91E-02	3.01E-02	3.16E-02	1.87E-04	9.97E-03	7.08E-03	6.60E-03	0.00E+00
Iowa	Des Moines	19057	U	Acrylonitrile	1.24E-04	1.28E-04	1.52E-04	1.72E-04	5.97E-04	2.48E-04	3.77E-04	5.04E-03	4.08E-04	1.89E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	Arsenic Compounds	1.97E-05	2.13E-05	3.51E-05	4.44E-05	4.15E-05	4.85E-05	5.21E-05	6.36E-05	6.86E-06	3.44E-05	2.33E-07	8.49E-09	0.00E+00
Iowa	Des Moines	19057	U	Benzene	5.46E-01	5.55E-01	6.15E-01	6.81E-01	6.80E-01	7.52E-01	7.90E-01	8.02E-01	2.30E-05	2.85E-02	1.22E-01	4.96E-02	4.80E-01
Iowa	Des Moines	19057	U	Beryllium Compounds	8.77E-07	1.15E-06	2.27E-06	3.80E-06	3.78E-06	5.26E-06	6.28E-06	6.76E-06	3.56E-07	3.42E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	1,3-Butadiene	4.71E-03	4.82E-03	1.49E-02	2.39E-02	2.29E-02	3.05E-02	3.90E-02	4.00E-02	1.48E-05	3.41E-03	1.18E-02	7.68E-03	0.00E+00
Iowa	Des Moines	19057	U	Cadmium Compounds	9.90E-06	1.17E-05	1.27E-05	1.56E-05	1.60E-05	1.86E-05	2.02E-05	2.66E-05	8.72E-07	1.51E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	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	5.30E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Des Moines	19057	U	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.35E-02	8.36E-02	0.00E+00	3.72E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Des Moines	19057	U	Chromium Compounds	1.13E-04	2.54E-04	8.20E-04	1.09E-03	9.87E-04	1.28E-03	1.48E-03	1.48E-03	1.08E-04	8.55E-04	1.48E-05	9.22E-06	0.00E+00
Iowa	Des Moines	19057	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
Iowa	Des Moines	19057	U	1,3-Dichloropropene	3.68E-03	3.79E-03	1.21E-02	2.72E-02	2.89E-02	4.20E-02	6.02E-02	6.33E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	Diesel Particulate Matter	6.06E-01	6.23E-01	6.99E-01	7.28E-01	7.34E-01	7.58E-01	8.58E-01	8.83E-01	0.00E+00	0.00E+00	2.10E-01	5.24E-01	***
Iowa	Des Moines	19057	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	3.29E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Des Moines	19057	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	4.92E-06	3.22E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Des Moines	19057	U	Ethylene Oxide	3.53E-05	8.62E-05	1.58E-04	2.88E-04	3.21E-04	4.22E-04	4.69E-04	1.03E-03	1.19E-07	3.21E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	Formaldehyde	3.37E-01	3.42E-01	3.87E-01	4.38E-01	4.23E-01	4.64E-01	4.71E-01	4.73E-01	1.27E-04				

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Des Moines	19057	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.56E-03	1.59E-03	1.61E-03	2.70E-06	5.40E-05	2.02E-07	2.43E-06	1.50E-03
Iowa	Des Moines	19057	U	Methylene Chloride	1.59E-01	1.67E-01	2.07E-01	2.45E-01	2.33E-01	2.58E-01	2.70E-01	3.09E-01	4.96E-06	8.33E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Des Moines	19057	U	Nickel Compounds	1.08E-04	2.49E-04	8.40E-04	1.15E-03	1.08E-03	1.40E-03	1.73E-03	1.83E-03	6.26E-05	1.00E-03	1.14E-05	5.43E-06	0.00E+00
Iowa	Des Moines	19057	U	Perchloroethylene	1.44E-01	1.45E-01	1.57E-01	1.71E-01	1.71E-01	1.86E-01	1.95E-01	1.96E-01	7.35E-07	3.06E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Des Moines	19057	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Des Moines	19057	U	Polycyclic Organic Matter	7.42E-03	9.27E-03	2.02E-02	3.20E-02	3.39E-02	4.59E-02	6.13E-02	6.42E-02	1.43E-03	3.24E-02	1.04E-04	2.83E-05	0.00E+00
Iowa	Des Moines	19057	U	7-PAH	3.99E-04	4.42E-04	9.70E-04	1.85E-03	1.85E-03	2.43E-03	3.45E-03	3.62E-03	6.78E-09	1.80E-03	4.62E-05	6.71E-06	0.00E+00
Iowa	Des Moines	19057	U	Propylene Dichloride	8.68E-06	9.92E-06	1.06E-05	1.17E-05	1.30E-05	1.24E-05	1.95E-05	2.46E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	Quinoline	2.55E-08	7.29E-08	2.28E-07	3.14E-07	2.96E-07	3.80E-07	4.99E-07	5.04E-07	0.00E+00	2.96E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	1,1,2,2-Tetrachloroethane	5.37E-05	5.60E-05	7.26E-05	8.14E-05	9.17E-05	9.17E-05	1.54E-04	1.88E-04	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Des Moines	19057	U	Trichloroethylene	8.35E-02	8.65E-02	9.39E-02	9.71E-02	9.69E-02	1.01E-01	1.03E-01	1.12E-01	0.00E+00	1.59E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Des Moines	19057	U	Vinyl Chloride	1.47E-04	1.52E-04	1.83E-04	2.09E-04	2.34E-04	2.32E-04	3.85E-04	4.74E-04	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	Acetaldehyde	8.66E-02	8.66E-02	9.54E-02	1.38E-01	1.35E-01	1.66E-01	1.97E-01	1.97E-01	7.61E-08	1.22E-02	3.83E-02	8.49E-02	0.00E+00
Iowa	Dickinson	19059	R	Acrolein	3.12E-02	3.12E-02	3.49E-02	4.69E-02	4.86E-02	6.16E-02	7.11E-02	7.11E-02	3.86E-08	8.76E-03	4.79E-03	3.51E-02	0.00E+00
Iowa	Dickinson	19059	R	Acrylonitrile	5.12E-05	5.12E-05	7.20E-05	8.68E-05	1.03E-04	1.35E-04	1.83E-04	1.83E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	Arsenic Compounds	1.03E-06	1.03E-06	1.69E-06	4.57E-06	4.95E-06	7.54E-06	1.10E-05	1.10E-05	5.82E-08	4.81E-06	7.38E-08	3.49E-09	0.00E+00
Iowa	Dickinson	19059	R	Benzene	1.27E+00	1.27E+00	1.27E+00	1.76E+00	1.66E+00	1.83E+00	2.32E+00	2.32E+00	2.89E-07	3.71E-02	7.06E-02	1.08E+00	4.80E-01
Iowa	Dickinson	19059	R	Beryllium Compounds	2.55E-07	2.55E-07	4.18E-07	1.07E-06	1.17E-06	1.83E-06	2.49E-06	2.49E-06	3.09E-09	1.17E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	1,3-Butadiene	4.83E-02	4.83E-02	5.00E-02	8.92E-02	8.15E-02	9.65E-02	1.32E-01	1.32E-01	0.00E+00	4.46E-03	6.02E-03	7.10E-02	0.00E+00
Iowa	Dickinson	19059	R	Cadmium Compounds	8.99E-07	8.99E-07	1.56E-06	2.79E-06	2.88E-06	4.22E-06	4.99E-06	4.99E-06	7.73E-09	2.87E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	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	2.28E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Dickinson	19059	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	0.00E+00	1.32E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Dickinson	19059	R	Chromium Compounds	9.49E-06	9.49E-06	1.10E-05	1.59E-05	1.75E-05	2.40E-05	2.89E-05	2.89E-05	3.87E-08	7.20E-06	4.76E-06	5.51E-06	0.00E+00
Iowa	Dickinson	19059	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
Iowa	Dickinson	19059	R	1,3-Dichloropropene	1.89E-03	1.89E-03	3.40E-03	5.93E-03	7.30E-03	1.00E-02	1.79E-02	1.79E-02	0.00E+00	7.30E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	Diesel Particulate Matter	5.04E-01	5.04E-01	5.32E-01	6.62E-01	6.39E-01	7.21E-01	7.81E-01	7.81E-01	0.00E+00	0.00E+00	1.43E-01	4.97E-01	***
Iowa	Dickinson	19059	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	5.30E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Dickinson	19059	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	6.72E-09	2.33E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Dickinson	19059	R	Ethylene Oxide	3.00E-05	3.00E-05	4.61E-05	1.05E-04	1.29E-04	1.97E-04	3.04E-04	3.04E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	Formaldehyde	3.79E-01	3.79E-01	3.90E-01	4.66E-01	4.75E-01	5.42E-01	6.24E-01	6.24E-01	2.11E-06	4.11E-02	4.20E-02	1.42E-01	2.50E-01
Iowa	Dickinson	19059	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	2.22E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Dickinson	19059	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-13	0.00E+00	3.46E-12	3.46E-12	0.00E+00	4.32E-13	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	Lead Compounds	1.79E-05	1.79E-05	2.06E-05	3.50E-05	4.00E-05	5.93E-05	7.23E-05	7.23E-05	6.32E-08	3.05E-05	6.64E-06	2.81E-06	0.00E+00
Iowa	Dickinson	19059	R	Manganese Compounds	3.11E-05	3.11E-05	6.16E-05	1.01E-04	1.22E-04	1.71E-04	2.76E-04	2.76E-04	7.18E-08	1.14E-04	1.93E-06	5.98E-06	0.00E+00
Iowa	Dickinson	19059	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	1.58E-08	1.04E-05	6.43E-08	1.56E-06	1.50E-03
Iowa	Dickinson	19059	R	Methylene Chloride	1.54E-01	1.54E-01	1.56E-01	1.66E-01	1.67E-01	1.77E-01	1.90E-01	1.90E-01	4.50E-08	1.74E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Dickinson	19059	R	Nickel Compounds	2.31E-05	2.31E-05	3.53E-05	7.77E-05	1.17E-04	1.98E-04	2.91E-04	2.91E-04	3.98E-08	1.11E-04	3.69E-06	2.63E-06	0.00E+00
Iowa	Dickinson	19059	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.45E-01	1.45E-01	1.48E-01	1.51E-01	1.51E-01	6.67E-09	5.48E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Dickinson	19059	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Dickinson	19059	R	Polycyclic Organic Matter	4.00E-03	4.00E-03	5.74E-03	8.80E-03	1.12E-02	1.70E-02	2.26E-02	2.26E-02	2.42E-08	1.05E-02	3.39E-05	6.61E-04	0.00E+00
Iowa	Dickinson	19059	R	7-PAH	4.18E-04	4.18E-04	5.60E-04	8.54E-04	1.02E-03	1.47E-03	1.99E-03	1.99E-03	6.42E-11	6.65E-04	1.51E-05	3.43E-04	0.00E+00
Iowa	Dickinson	19059	R	Propylene Dichloride	2.93E-06	2.93E-06	4.06E-06	4.92E-06	5.87E-06	7.75E-06	1.06E-05	1.06E-05	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-11	0.00E+00	1.07E-10	1.07E-10	0.00E+00	1.33E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	1,1,2,2-Tetrachloroethane	2.60E-05	2.60E-05	3.64E-05	4.42E-05	5.26E-05	6.93E-05	9.46E-05	9.46E-05	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Dickinson	19059	R	Trichloroethylene	8.15E-02	8.15E-02	8.18E-02	8.35E-02	8.40E-02	8.55E-02	8.87E-02	8.87E-02	0.00E+00	2.98E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Dickinson	19059	R	Vinyl Chloride	6.43E-05	6.43E-05	9.50E-05	1.14E-04	1.33E-04	1.74E-04	2.36E-04	2.36E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	U	Acetaldehyde	8.49E-02	9.02E-02	1.55E-01	1.95E-01	1.89E-01	2.28E-01	2.70E-01	2.82E-01	1.20E-05	2.41E-02	1.25E-01	3.93E-02	0.00E+00
Iowa	Dubuque	19061	U	Acrolein	1.21E-02	1.42E-02	2.74E-02	3.44E-02	3.31E-02	4.13E-02	5.01E-02	5.03E-02	6				

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Dubuque	19061	U	1,3-Butadiene	6.15E-03	7.73E-03	1.99E-02	3.90E-02	4.34E-02	6.53E-02	8.46E-02	8.98E-02	0.00E+00	4.06E-03	2.96E-02	9.68E-03	0.00E+00
Iowa	Dubuque	19061	U	Cadmium Compounds	5.22E-06	5.39E-06	1.06E-05	1.70E-05	1.77E-05	2.34E-05	3.26E-05	3.44E-05	1.08E-06	1.66E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	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	6.10E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Dubuque	19061	U	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.35E-02	8.36E-02	8.37E-02	8.39E-02	8.40E-02	0.00E+00	5.57E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Dubuque	19061	U	Chromium Compounds	2.68E-05	2.70E-05	6.56E-05	1.23E-04	1.55E-04	2.04E-04	2.52E-04	2.67E-04	5.47E-06	1.28E-04	8.50E-06	1.32E-05	0.00E+00
Iowa	Dubuque	19061	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
Iowa	Dubuque	19061	U	1,3-Dichloropropene	3.16E-03	3.75E-03	2.19E-02	4.03E-02	4.82E-02	8.18E-02	1.04E-01	1.11E-01	0.00E+00	4.82E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	U	Diesel Particulate Matter	6.72E-01	6.73E-01	8.36E-01	9.87E-01	1.07E+00	1.32E+00	1.45E+00	1.54E+00	0.00E+00	0.00E+00	3.19E-01	7.50E-01	***
Iowa	Dubuque	19061	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	2.27E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Dubuque	19061	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	9.10E-07	5.38E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Dubuque	19061	U	Ethylene Oxide	8.04E-05	8.99E-05	2.80E-04	6.91E-04	9.50E-04	1.16E-03	2.44E-03	3.25E-03	0.00E+00	9.50E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	U	Formaldehyde	3.51E-01	3.57E-01	4.39E-01	5.17E-01	5.15E-01	5.86E-01	6.61E-01	6.86E-01	6.17E-05	5.33E-02	1.49E-01	6.20E-02	2.50E-01
Iowa	Dubuque	19061	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.41E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Dubuque	19061	U	Hydrazine	4.65E-10	8.34E-10	7.24E-09	2.36E-08	4.67E-08	6.47E-08	8.72E-08	9.18E-08	0.00E+00	4.67E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	U	Lead Compounds	4.46E-04	4.53E-04	2.14E-03	3.16E-03	3.93E-03	5.37E-03	7.49E-03	9.61E-03	8.87E-06	3.66E-03	1.20E-05	2.52E-04	0.00E+00
Iowa	Dubuque	19061	U	Manganese Compounds	2.80E-04	3.00E-04	1.61E-03	2.59E-03	2.74E-03	4.13E-03	4.92E-03	5.09E-03	2.80E-04	2.44E-03	3.50E-06	1.65E-05	0.00E+00
Iowa	Dubuque	19061	U	Mercury Compounds	1.54E-03	1.55E-03	1.56E-03	1.59E-03	1.59E-03	1.62E-03	1.65E-03	1.66E-03	1.88E-06	8.90E-05	1.15E-07	3.41E-06	1.50E-03
Iowa	Dubuque	19061	U	Methylene Chloride	1.76E-01	1.81E-01	2.73E-01	4.02E-01	4.52E-01	5.40E-01	6.84E-01	6.94E-01	2.63E-02	2.76E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Dubuque	19061	U	Nickel Compounds	3.86E-05	4.03E-05	1.64E-04	4.31E-04	5.38E-04	6.97E-04	1.02E-03	1.03E-03	5.82E-06	5.18E-04	6.57E-06	8.15E-06	0.00E+00
Iowa	Dubuque	19061	U	Perchloroethylene	1.44E-01	1.46E-01	1.67E-01	2.04E-01	2.08E-01	2.44E-01	2.85E-01	2.88E-01	9.62E-07	6.78E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Dubuque	19061	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	4.38E-12	0.00E+00	0.00E+00	3.80E-04
Iowa	Dubuque	19061	U	Polycyclic Organic Matter	4.65E-03	5.32E-03	2.73E-02	5.82E-02	6.04E-02	8.80E-02	1.25E-01	1.34E-01	4.14E-07	6.03E-02	6.00E-05	2.19E-05	0.00E+00
Iowa	Dubuque	19061	U	7-PAH	2.78E-04	3.13E-04	1.46E-03	3.06E-03	2.99E-03	4.63E-03	6.35E-03	6.74E-03	8.45E-09	2.96E-03	2.66E-05	9.64E-06	0.00E+00
Iowa	Dubuque	19061	U	Propylene Dichloride	9.26E-06	1.07E-05	1.23E-05	1.34E-05	1.44E-05	1.73E-05	1.95E-05	1.99E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	U	Quinoline	4.71E-09	6.40E-09	3.84E-08	7.65E-08	1.38E-07	1.90E-07	2.53E-07	2.60E-07	0.00E+00	1.38E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	U	1,1,2,2-Tetrachloroethane	8.04E-05	8.12E-05	9.83E-05	1.13E-04	1.16E-04	1.37E-04	1.61E-04	1.61E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Dubuque	19061	U	Trichloroethylene	8.31E-02	8.39E-02	9.22E-02	1.04E-01	1.12E-01	1.23E-01	1.50E-01	1.58E-01	0.00E+00	3.09E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Dubuque	19061	U	Vinyl Chloride	1.98E-04	2.05E-04	2.49E-04	2.79E-04	2.90E-04	3.43E-04	4.01E-04	4.01E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	Acetaldehyde	3.15E-02	3.15E-02	3.62E-02	7.04E-02	6.82E-02	1.00E-01	1.01E-01	1.01E-01	1.63E-07	1.96E-02	2.97E-02	1.90E-02	0.00E+00
Iowa	Emmet	19063	U	Acrolein	7.74E-03	7.74E-03	1.06E-02	3.11E-02	2.98E-02	4.91E-02	4.93E-02	4.93E-02	8.26E-08	1.89E-02	3.78E-03	7.18E-03	0.00E+00
Iowa	Emmet	19063	U	Acrylonitrile	1.94E-05	1.94E-05	2.03E-05	2.29E-05	2.27E-05	2.52E-05	2.57E-05	2.57E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	Arsenic Compounds	9.34E-07	9.34E-07	9.59E-07	5.71E-06	5.70E-06	1.04E-05	1.05E-05	1.05E-05	1.16E-07	5.49E-06	9.30E-08	4.70E-09	0.00E+00
Iowa	Emmet	19063	U	Benzene	5.35E-01	5.35E-01	5.71E-01	7.39E-01	7.23E-01	8.76E-01	8.80E-01	8.80E-01	5.59E-07	6.28E-02	6.79E-02	1.13E-01	4.80E-01
Iowa	Emmet	19063	U	Beryllium Compounds	2.06E-07	2.06E-07	2.26E-07	1.65E-06	1.64E-06	3.05E-06	3.05E-06	3.05E-06	6.13E-09	1.63E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	1,3-Butadiene	2.82E-03	2.82E-03	4.15E-03	2.52E-02	2.46E-02	4.51E-02	4.53E-02	4.53E-02	0.00E+00	1.19E-02	6.51E-03	6.18E-03	0.00E+00
Iowa	Emmet	19063	U	Cadmium Compounds	1.41E-06	1.41E-06	1.59E-06	3.77E-06	3.68E-06	5.78E-06	5.79E-06	5.79E-06	1.53E-08	3.67E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	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	1.59E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Emmet	19063	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.41E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Emmet	19063	U	Chromium Compounds	7.87E-06	7.87E-06	8.45E-06	1.86E-05	1.84E-05	2.83E-05	2.84E-05	2.84E-05	7.67E-08	8.58E-06	6.09E-06	3.63E-06	0.00E+00
Iowa	Emmet	19063	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
Iowa	Emmet	19063	U	1,3-Dichloropropene	1.67E-03	1.67E-03	1.92E-03	1.57E-02	1.55E-02	2.92E-02	2.92E-02	2.92E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	Diesel Particulate Matter	5.03E-01	5.03E-01	5.09E-01	6.74E-01	6.71E-01	8.34E-01	8.36E-01	8.36E-01	0.00E+00	0.00E+00	1.30E-01	5.41E-01	***
Iowa	Emmet	19063	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	9.24E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Emmet	19063	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	1.31E-08	1.60E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Emmet	19063	U	Ethylene Oxide	3.47E-05	3.47E-05	3.47E-05	2.46E-04	2.46E-04	4.58E-04	4.58E-04	4.58E-04	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	Formaldehyde	2.91E-01	2.91E-01	3.00E-01	4.17E-01	4.13E-01	5.25E-01	5.26E-01	5.26E-01	7.58E-06	9.43E-02	3.69E-02	3.17E-02	2.50E-01
Iowa	Emmet	19063	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	2.98E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Emmet	19063	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	2.13E-13									

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Emmet	19063	U	Nickel Compounds	1.79E-05	1.79E-05	2.20E-05	8.42E-05	8.23E-05	1.43E-04	1.43E-04	1.43E-04	7.94E-08	7.52E-05	4.67E-06	2.35E-06	0.00E+00
Iowa	Emmet	19063	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.56E-01	1.56E-01	1.70E-01	1.70E-01	1.70E-01	1.35E-08	1.58E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Emmet	19063	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Emmet	19063	U	Polycyclic Organic Matter	3.66E-03	3.66E-03	3.76E-03	1.89E-02	1.89E-02	3.40E-02	3.40E-02	3.40E-02	4.60E-08	1.88E-02	4.28E-05	5.89E-05	0.00E+00
Iowa	Emmet	19063	U	7-PAH	1.83E-04	1.83E-04	2.25E-04	1.45E-03	1.43E-03	2.63E-03	2.63E-03	2.63E-03	1.25E-10	1.38E-03	1.90E-05	3.04E-05	0.00E+00
Iowa	Emmet	19063	U	Propylene Dichloride	7.13E-07	7.13E-07	8.76E-07	1.12E-06	1.05E-06	1.23E-06	1.26E-06	1.26E-06	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	4.10E-12	1.20E-10	2.39E-10	4.71E-10	4.71E-10	0.00E+00	1.20E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	1,1,2,2-Tetrachloroethane	7.24E-06	7.24E-06	8.14E-06	9.65E-06	9.33E-06	1.05E-05	1.08E-05	1.08E-05	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Emmet	19063	U	Trichloroethylene	8.17E-02	8.17E-02	8.19E-02	8.50E-02	8.49E-02	8.78E-02	8.78E-02	8.78E-02	4.03E-04	3.45E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Emmet	19063	U	Vinyl Chloride	2.52E-05	2.52E-05	2.68E-05	2.92E-05	2.86E-05	3.03E-05	3.07E-05	3.07E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	Acetaldehyde	3.88E-02	3.88E-02	4.20E-02	6.16E-02	6.90E-02	1.03E-01	1.04E-01	1.04E-01	1.83E-07	9.05E-03	4.34E-02	1.65E-02	0.00E+00
Iowa	Fayette	19065	R	Acrolein	7.99E-03	7.99E-03	8.08E-03	9.41E-03	1.34E-02	1.63E-02	2.74E-02	2.74E-02	9.32E-08	6.15E-03	5.43E-03	1.86E-03	0.00E+00
Iowa	Fayette	19065	R	Acrylonitrile	3.31E-05	3.31E-05	4.26E-05	5.51E-05	4.98E-05	5.80E-05	5.92E-05	5.92E-05	5.87E-06	4.40E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	Arsenic Compounds	7.80E-07	7.80E-07	7.85E-07	1.85E-06	4.34E-06	1.07E-05	1.07E-05	1.07E-05	1.25E-07	4.13E-06	7.73E-08	6.80E-09	0.00E+00
Iowa	Fayette	19065	R	Benzene	5.32E-01	5.32E-01	5.34E-01	5.43E-01	5.98E-01	6.95E-01	6.95E-01	6.95E-01	1.56E-05	2.66E-02	8.22E-02	8.74E-03	4.80E-01
Iowa	Fayette	19065	R	Beryllium Compounds	2.20E-07	2.20E-07	2.24E-07	4.41E-07	1.18E-06	2.87E-06	2.87E-06	2.87E-06	6.64E-09	1.17E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	1,3-Butadiene	3.48E-03	3.48E-03	3.70E-03	4.35E-03	1.03E-02	1.82E-02	2.03E-02	2.03E-02	0.00E+00	2.53E-03	7.05E-03	7.41E-04	0.00E+00
Iowa	Fayette	19065	R	Cadmium Compounds	8.63E-07	8.63E-07	8.94E-07	1.67E-06	2.61E-06	5.51E-06	5.52E-06	5.52E-06	1.66E-08	2.59E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	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	1.07E-08	2.01E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Fayette	19065	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.33E-02	8.33E-02	6.25E-08	1.47E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Fayette	19065	R	Chromium Compounds	5.93E-06	5.93E-06	1.13E-05	2.02E-05	3.05E-05	6.15E-05	6.25E-05	6.25E-05	1.33E-07	1.96E-05	5.00E-06	5.72E-06	0.00E+00
Iowa	Fayette	19065	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
Iowa	Fayette	19065	R	1,3-Dichloropropene	2.04E-03	2.04E-03	2.06E-03	3.52E-03	1.03E-02	2.61E-02	2.62E-02	2.62E-02	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	Diesel Particulate Matter	5.20E-01	5.20E-01	5.29E-01	5.50E-01	6.48E-01	8.37E-01	8.38E-01	8.38E-01	0.00E+00	0.00E+00	1.78E-01	4.70E-01	***
Iowa	Fayette	19065	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	3.28E-09	2.16E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Fayette	19065	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	7.23E-07	1.18E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Fayette	19065	R	Ethylene Oxide	2.96E-05	2.96E-05	3.30E-05	7.31E-05	1.81E-04	3.85E-04	3.86E-04	3.86E-04	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	Formaldehyde	3.08E-01	3.08E-01	3.10E-01	3.19E-01	3.55E-01	3.99E-01	4.38E-01	4.38E-01	1.93E-04	2.97E-02	4.90E-02	2.59E-02	2.50E-01
Iowa	Fayette	19065	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.19E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Fayette	19065	R	Hydrazine	6.31E-12	6.31E-12	1.39E-11	1.85E-11	1.95E-11	1.88E-11	4.54E-11	4.54E-11	0.00E+00	1.95E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	Lead Compounds	1.44E-05	1.44E-05	1.60E-05	5.80E-05	8.27E-05	1.80E-04	1.84E-04	1.84E-04	1.36E-07	7.51E-05	7.03E-06	3.64E-07	0.00E+00
Iowa	Fayette	19065	R	Manganese Compounds	3.37E-05	3.37E-05	3.47E-05	6.55E-05	1.54E-04	3.77E-04	3.78E-04	3.78E-04	2.43E-07	1.45E-04	2.04E-06	6.11E-06	0.00E+00
Iowa	Fayette	19065	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	3.17E-08	1.35E-05	6.85E-08	1.63E-06	1.50E-03
Iowa	Fayette	19065	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.57E-01	1.70E-01	2.01E-01	2.02E-01	2.02E-01	2.07E-05	2.05E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Fayette	19065	R	Nickel Compounds	1.07E-05	1.07E-05	1.14E-05	2.79E-05	7.26E-05	1.85E-04	1.85E-04	1.85E-04	1.25E-07	6.60E-05	3.86E-06	2.69E-06	0.00E+00
Iowa	Fayette	19065	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.47E-01	1.69E-01	2.16E-01	2.16E-01	2.16E-01	1.05E-05	2.86E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Fayette	19065	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	6.26E-15	0.00E+00	0.00E+00	3.80E-04
Iowa	Fayette	19065	R	Polycyclic Organic Matter	2.64E-03	2.64E-03	2.79E-03	4.18E-03	1.09E-02	2.52E-02	2.52E-02	2.52E-02	6.75E-09	1.09E-02	3.55E-05	2.56E-06	0.00E+00
Iowa	Fayette	19065	R	7-PAH	2.16E-04	2.16E-04	2.17E-04	2.88E-04	7.01E-04	1.42E-03	1.42E-03	1.42E-03	1.38E-10	6.84E-04	1.58E-05	1.16E-06	0.00E+00
Iowa	Fayette	19065	R	Propylene Dichloride	1.87E-06	1.87E-06	2.44E-06	3.14E-06	2.83E-06	3.28E-06	3.38E-06	3.38E-06	3.55E-07	2.48E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	Quinoline	1.57E-10	1.57E-10	2.74E-10	4.27E-10	4.59E-10	4.90E-10	9.64E-10	9.64E-10	0.00E+00	4.59E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	1,1,2,2-Tetrachloroethane	1.59E-05	1.59E-05	2.09E-05	2.69E-05	2.43E-05	2.78E-05	2.91E-05	2.91E-05	3.25E-06	2.10E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Fayette	19065	R	Trichloroethylene	8.14E-02	8.14E-02	8.16E-02	8.21E-02	8.41E-02	8.85E-02	8.85E-02	8.85E-02	6.29E-06	3.05E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Fayette	19065	R	Vinyl Chloride	3.93E-05	3.93E-05	5.16E-05	6.63E-05	5.98E-05	6.86E-05	7.18E-05	7.18E-05	8.01E-06	5.18E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	Acetaldehyde	4.19E-02	4.19E-02	4.23E-02	4.95E-02	5.90E-02	8.02E-02	8.11E-02	8.11E-02	0.00E+00	6.36E-03	3.47E-02	1.79E-02	0.00E+00
Iowa	Floyd	19067	R	Acrolein	5.76E-03	5.76E-03	6.08E-03	6.69E-03	8.88E-03	1.28E-02	1.30E-02	1.30E-02	0.00E+00	2.39E-03	4.41E-03	2.07E-03	0.00E+00
Iowa	Floyd	19067	R	Acrylonitrile	1.49E-05	1.49E-05	1.51E-05	1.53E-05	1.89E-05	1.90E-05	3.00E-05	3.00E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	Arsenic Compounds	8.89E-07	8.89E-07	1.20E-06	2.09E-06	4.85E-06	1.00E-05	1.00E-05	1.00E-05	0.00E+00	4.77E-06	7.91E-08	5.28E-09	0.00E+00
Iowa	Floyd	19067</															

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Floyd	19067	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	1.79E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Floyd	19067	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.37E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Floyd	19067	R	Chromium Compounds	5.95E-05	5.95E-05	8.16E-05	8.33E-05	9.93E-05	1.29E-04	1.43E-04	1.43E-04	0.00E+00	8.79E-05	5.14E-06	6.31E-06	0.00E+00
Iowa	Floyd	19067	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
Iowa	Floyd	19067	R	1,3-Dichloropropene	2.25E-03	2.25E-03	2.88E-03	4.68E-03	1.11E-02	2.27E-02	2.28E-02	2.28E-02	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	Diesel Particulate Matter	5.26E-01	5.26E-01	5.28E-01	5.45E-01	6.53E-01	8.31E-01	8.34E-01	8.34E-01	0.00E+00	0.00E+00	1.57E-01	4.96E-01	***
Iowa	Floyd	19067	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	3.02E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Floyd	19067	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	5.19E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Floyd	19067	R	Ethylene Oxide	4.49E-05	4.49E-05	7.39E-05	7.83E-05	1.75E-04	3.39E-04	3.39E-04	3.39E-04	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	Formaldehyde	3.00E-01	3.00E-01	3.01E-01	3.06E-01	3.32E-01	3.76E-01	3.77E-01	3.77E-01	8.37E-04	1.21E-02	4.05E-02	2.87E-02	2.50E-01
Iowa	Floyd	19067	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	2.27E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Floyd	19067	R	Hydrazine	2.02E-10	2.02E-10	6.62E-10	2.42E-09	9.13E-09	2.12E-08	2.12E-08	2.12E-08	0.00E+00	9.13E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	Lead Compounds	2.43E-05	2.43E-05	6.65E-05	9.29E-05	7.58E-05	9.30E-05	1.02E-04	1.02E-04	0.00E+00	4.34E-05	7.23E-06	2.51E-05	0.00E+00
Iowa	Floyd	19067	R	Manganese Compounds	4.13E-05	4.13E-05	5.14E-05	7.76E-05	1.65E-04	3.26E-04	3.27E-04	3.27E-04	0.00E+00	1.56E-04	2.09E-06	6.68E-06	0.00E+00
Iowa	Floyd	19067	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	0.00E+00	1.32E-05	7.06E-08	1.80E-06	1.50E-03
Iowa	Floyd	19067	R	Methylene Chloride	1.57E-01	1.57E-01	1.61E-01	1.76E-01	2.02E-01	2.29E-01	2.90E-01	2.90E-01	2.63E-02	2.61E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Floyd	19067	R	Nickel Compounds	1.27E-05	1.27E-05	1.76E-05	3.76E-05	9.32E-05	1.99E-04	1.99E-04	1.99E-04	0.00E+00	8.63E-05	3.95E-06	2.91E-06	0.00E+00
Iowa	Floyd	19067	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.46E-01	1.58E-01	1.80E-01	1.80E-01	1.80E-01	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Floyd	19067	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Floyd	19067	R	Polycyclic Organic Matter	2.59E-03	2.59E-03	3.31E-03	5.21E-03	1.05E-02	2.06E-02	2.06E-02	2.06E-02	0.00E+00	1.04E-02	3.64E-05	2.82E-06	0.00E+00
Iowa	Floyd	19067	R	7-PAH	1.81E-04	1.81E-04	2.20E-04	3.30E-04	6.38E-04	1.23E-03	1.23E-03	1.23E-03	0.00E+00	6.20E-04	1.62E-05	1.13E-06	0.00E+00
Iowa	Floyd	19067	R	Propylene Dichloride	8.54E-07	8.54E-07	1.02E-06	1.12E-06	1.16E-06	1.13E-06	1.66E-06	1.66E-06	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	Quinoline	3.75E-09	3.75E-09	4.49E-09	1.39E-08	2.85E-08	6.01E-08	6.03E-08	6.03E-08	0.00E+00	2.85E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	1,1,2,2-Tetrachloroethane	3.83E-06	3.83E-06	3.93E-06	5.11E-06	6.75E-06	7.71E-06	1.32E-05	1.32E-05	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Floyd	19067	R	Trichloroethylene	8.15E-02	8.15E-02	8.17E-02	8.23E-02	8.47E-02	8.89E-02	8.89E-02	8.89E-02	0.00E+00	3.66E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Floyd	19067	R	Vinyl Chloride	1.12E-05	1.12E-05	1.15E-05	1.69E-05	1.88E-05	1.91E-05	3.51E-05	3.51E-05	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	Acetaldehyde	3.04E-02	3.04E-02	3.04E-02	5.55E-02	4.85E-02	5.95E-02	5.95E-02	5.95E-02	4.86E-07	8.62E-03	2.52E-02	1.47E-02	0.00E+00
Iowa	Franklin	19069	R	Acrolein	4.06E-03	4.06E-03	4.06E-03	1.41E-02	1.09E-02	1.46E-02	1.46E-02	1.46E-02	2.48E-07	6.24E-03	3.19E-03	1.50E-03	0.00E+00
Iowa	Franklin	19069	R	Acrylonitrile	5.29E-05	5.29E-05	5.29E-05	6.79E-05	7.04E-05	9.03E-05	9.03E-05	9.03E-05	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	Arsenic Compounds	1.13E-06	1.13E-06	1.13E-06	3.24E-06	2.58E-06	3.38E-06	3.38E-06	3.38E-06	3.40E-07	2.19E-06	4.69E-08	3.14E-09	0.00E+00
Iowa	Franklin	19069	R	Benzene	5.11E-01	5.11E-01	5.11E-01	5.82E-01	5.61E-01	5.91E-01	5.91E-01	5.91E-01	1.28E-06	3.15E-02	4.24E-02	7.47E-03	4.80E-01
Iowa	Franklin	19069	R	Beryllium Compounds	2.05E-07	2.05E-07	2.05E-07	8.17E-07	6.22E-07	8.45E-07	8.45E-07	8.45E-07	1.80E-08	6.04E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	1,3-Butadiene	1.66E-03	1.66E-03	1.66E-03	1.02E-02	7.73E-03	1.13E-02	1.13E-02	1.13E-02	0.00E+00	3.80E-03	3.30E-03	6.27E-04	0.00E+00
Iowa	Franklin	19069	R	Cadmium Compounds	7.90E-07	7.90E-07	7.90E-07	1.97E-06	1.62E-06	2.08E-06	2.08E-06	2.08E-06	4.51E-08	1.57E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	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	1.59E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Franklin	19069	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	8.67E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Franklin	19069	R	Chromium Compounds	8.70E-05	8.70E-05	8.70E-05	1.39E-04	1.27E-04	1.56E-04	1.56E-04	1.56E-04	2.26E-07	1.20E-04	3.04E-06	3.98E-06	0.00E+00
Iowa	Franklin	19069	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
Iowa	Franklin	19069	R	1,3-Dichloropropene	1.54E-03	1.54E-03	1.54E-03	6.56E-03	4.99E-03	6.86E-03	6.86E-03	6.86E-03	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	Diesel Particulate Matter	5.14E-01	5.14E-01	5.14E-01	6.53E-01	6.26E-01	7.09E-01	7.09E-01	7.09E-01	0.00E+00	0.00E+00	1.33E-01	4.93E-01	***
Iowa	Franklin	19069	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	1.10E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Franklin	19069	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	3.94E-08	1.79E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Franklin	19069	R	Ethylene Oxide	3.27E-05	3.27E-05	3.27E-05	1.69E-04	1.24E-04	1.71E-04	1.71E-04	1.71E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	Formaldehyde	2.86E-01	2.86E-01	2.86E-01	3.54E-01	3.33E-01	3.60E-01	3.60E-01	3.60E-01	3.61E-05	3.44E-02	2.68E-02	2.17E-02	2.50E-01
Iowa	Franklin	19069	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.40E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Franklin	19069	R	Hydrazine	1.62E-09	1.62E-09	1.62E-09	4.57E-08	3.13E-08	4.67E-08	4.67E-08	4.67E-08	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	Lead Compounds	4.52E-05	4.52E-05	4.52E-05	8.61E-05	7.31E-05	8.80E-05	8.80E-05	8.80E-05	3.69E-07	2.89E-05	4.22E-06	3.96E-05	0.00E+00
Iowa	Franklin	19069	R	Manganese Compounds	4.55E-05	4.55E-05	4.55E-05	1.08E-04	8.89E-05	1.13E-04	1.13E-04	1.13E-04	4.20E-07	8.30E-05	1.21E-06	4.28E-06	0.00E+00
Iowa	Franklin	19069	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	8.18E-08	9.22E-06	4.14E-08	1.14E-06	1.50E-03
Iowa	Franklin	19069	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.66E-01	1.62E-01	1.66E-01	1.66E-01	1.66E-01	1.08E-04	1.15E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Franklin	19069	R	Nickel Compounds	4.14E-05	4.14E-05	4.14E-05	7.02E-05	6.15E-05	7.31E-05	7.31E-05	7.31E-05	2.32E-07	5.71E-05	2.35E-06	1.85E-06	0.00E+00
Iowa	Franklin	19069	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.44E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	4.05E-08	2.85E-03	0.00E+00	0.00E+00	1.40E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Franklin	19069	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Franklin	19069	R	Polycyclic Organic Matter	1.88E-03	1.88E-03	1.88E-03	9.46E-03	7.04E-03	9.78E-03	9.78E-03	9.78E-03	1.83E-08	7.01E-03	2.18E-05	2.60E-06	0.00E+00
Iowa	Franklin	19069	R	7-PAH	1.26E-04	1.26E-04	1.26E-04	6.55E-04	4.85E-04	6.73E-04	6.73E-04	6.73E-04	3.74E-10	4.74E-04	9.69E-06	9.97E-07	0.00E+00
Iowa	Franklin	19069	R	Propylene Dichloride	3.18E-06	3.18E-06	3.18E-06	4.83E-06	4.73E-06	6.18E-06	6.18E-06	6.18E-06	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	Quinoline	1.18E-08	1.18E-08	1.18E-08	1.33E-07	9.36E-08	1.36E-07	1.36E-07	1.36E-07	0.00E+00	9.36E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	1,1,2,2-Tetrachloroethane	2.71E-05	2.71E-05	2.71E-05	3.24E-05	3.46E-05	4.42E-05	4.42E-05	4.42E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Franklin	19069	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.32E-02	8.26E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.63E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Franklin	19069	R	Vinyl Chloride	6.72E-05	6.72E-05	6.72E-05	8.36E-05	8.79E-05	1.13E-04	1.13E-04	1.13E-04	0.00E+00	8.79E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Acetaldehyde	3.81E-02	3.81E-02	3.81E-02	4.00E-02	4.50E-02	5.70E-02	5.70E-02	5.70E-02	2.49E-06	8.57E-03	2.67E-02	9.76E-03	0.00E+00
Iowa	Fremont	19071	R	Acrolein	4.88E-03	4.88E-03	4.88E-03	5.98E-03	6.26E-03	7.93E-03	7.93E-03	7.93E-03	2.68E-05	2.08E-03	3.35E-03	8.09E-04	0.00E+00
Iowa	Fremont	19071	R	Acrylonitrile	1.01E-05	1.01E-05	1.01E-05	1.31E-05	1.23E-05	1.38E-05	1.38E-05	1.38E-05	1.34E-08	1.23E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Arsenic Compounds	2.53E-05	2.53E-05	2.53E-05	2.56E-05	3.89E-05	6.57E-05	6.57E-05	6.57E-05	3.71E-05	1.75E-06	2.67E-08	3.02E-09	0.00E+00
Iowa	Fremont	19071	R	Benzene	5.17E-01	5.17E-01	5.17E-01	5.22E-01	5.25E-01	5.35E-01	5.35E-01	5.35E-01	1.37E-04	5.38E-03	3.40E-02	5.03E-03	4.80E-01
Iowa	Fremont	19071	R	Beryllium Compounds	6.01E-05	6.01E-05	6.01E-05	8.38E-05	1.21E-04	2.18E-04	2.18E-04	2.18E-04	1.20E-04	3.15E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	1,3-Butadiene	1.98E-03	1.98E-03	1.98E-03	2.92E-03	2.74E-03	3.32E-03	3.32E-03	3.32E-03	0.00E+00	5.70E-04	1.84E-03	3.32E-04	0.00E+00
Iowa	Fremont	19071	R	Cadmium Compounds	3.61E-05	3.61E-05	3.61E-05	4.92E-05	6.96E-05	1.23E-04	1.23E-04	1.23E-04	6.83E-05	1.27E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	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	2.45E-11	1.20E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Fremont	19071	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	6.33E-06	6.29E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Fremont	19071	R	Chromium Compounds	1.18E-03	1.18E-03	1.18E-03	1.65E-03	2.37E-03	4.27E-03	4.27E-03	4.27E-03	2.36E-03	1.83E-06	1.85E-06	1.92E-06	0.00E+00
Iowa	Fremont	19071	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
Iowa	Fremont	19071	R	1,3-Dichloropropene	1.66E-03	1.66E-03	1.66E-03	2.09E-03	2.35E-03	3.30E-03	3.30E-03	3.30E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Diesel Particulate Matter	5.18E-01	5.18E-01	5.18E-01	5.67E-01	5.60E-01	5.94E-01	5.94E-01	5.94E-01	0.00E+00	0.00E+00	1.33E-01	4.26E-01	***
Iowa	Fremont	19071	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	1.20E-07	2.44E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Fremont	19071	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	3.73E-06	2.31E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Fremont	19071	R	Ethylene Oxide	3.02E-05	3.02E-05	3.02E-05	6.01E-05	5.52E-05	7.54E-05	7.54E-05	7.54E-05	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Formaldehyde	2.93E-01	2.93E-01	2.93E-01	3.06E-01	3.05E-01	3.17E-01	3.17E-01	3.17E-01	3.76E-05	1.82E-02	2.37E-02	1.33E-02	2.50E-01
Iowa	Fremont	19071	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	1.45E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Fremont	19071	R	Hydrazine	3.29E-09	3.29E-09	3.29E-09	3.48E-09	4.82E-09	7.69E-09	7.69E-09	7.69E-09	1.44E-14	4.82E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Lead Compounds	1.07E-04	1.07E-04	1.07E-04	1.59E-04	1.44E-04	1.66E-04	1.66E-04	1.66E-04	6.66E-06	1.35E-04	2.54E-06	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Manganese Compounds	2.27E-03	2.27E-03	2.27E-03	3.11E-03	4.47E-03	8.05E-03	8.05E-03	8.05E-03	4.43E-03	4.30E-05	7.15E-07	2.12E-06	0.00E+00
Iowa	Fremont	19071	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.56E-03	1.56E-03	2.87E-05	9.93E-06	2.44E-08	5.51E-07	1.50E-03
Iowa	Fremont	19071	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.54E-01	1.56E-01	1.56E-01	1.56E-01	1.49E-06	4.42E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Fremont	19071	R	Nickel Compounds	9.34E-04	9.34E-04	9.34E-04	1.29E-03	1.88E-03	3.42E-03	3.42E-03	3.42E-03	1.87E-03	1.38E-05	1.42E-06	9.11E-07	0.00E+00
Iowa	Fremont	19071	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	4.37E-06	1.64E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Fremont	19071	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Fremont	19071	R	Polycyclic Organic Matter	2.21E-03	2.21E-03	2.21E-03	2.53E-03	2.93E-03	4.04E-03	4.04E-03	4.04E-03	4.22E-06	2.91E-03	1.35E-05	1.56E-06	0.00E+00
Iowa	Fremont	19071	R	7-PAH	1.78E-04	1.78E-04	1.78E-04	1.81E-04	2.19E-04	2.97E-04	2.97E-04	2.97E-04	2.00E-09	2.12E-04	6.01E-06	7.53E-07	0.00E+00
Iowa	Fremont	19071	R	Propylene Dichloride	6.26E-07	6.26E-07	6.26E-07	8.60E-07	7.94E-07	8.95E-07	8.95E-07	8.95E-07	8.09E-10	7.93E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Quinoline	1.92E-08	1.92E-08	1.92E-08	2.34E-08	2.48E-08	3.19E-08	3.19E-08	3.19E-08	0.00E+00	2.48E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	1,1,2,2-Tetrachloroethane	3.00E-06	3.00E-06	3.00E-06	4.48E-06	4.02E-06	4.58E-06	4.58E-06	4.58E-06	7.42E-09	4.01E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Fremont	19071	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.15E-02	8.15E-02	8.16E-02	8.16E-02	8.16E-02	1.37E-08	4.94E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Fremont	19071	R	Vinyl Chloride	8.72E-06	8.72E-06	8.72E-06	1.24E-05	1.13E-05	1.27E-05	1.27E-05	1.27E-05	1.83E-08	1.12E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Acetaldehyde	3.75E-02	3.75E-02	3.75E-02	4.51E-02	4.42E-02	4.86E-02	4.92E-02	4.92E-02	0.00E+00	4.26E-03	2.64E-02	1.35E-02	0.00E+00
Iowa	Greene	19073	R	Acrolein	5.25E-03	5.25E-03	5.42E-03	6.30E-03	6.25E-03	7.07E-03	7.15E-03	7.15E-03	0.00E+00	1.81E-03	3.34E-03	1.10E-03	0.00E+00
Iowa	Greene	19073	R	Acrylonitrile	1.36E-05	1.36E-05	1.63E-05	2.10E-05	2.22E-05	2.80E-05	3.32E-05	3.32E-05	9.19E-07	2.13E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Arsenic Compounds	6.05E-07	6.05E-07	8.05E-07	1.19E-06	1.10E-06	1.39E-06	1.41E-06	1.41E-06	0.00E+00	1.06E-06	3.79E-08	2.08E-09	0.00E+00
Iowa	Greene	19073	R	Benzene	5.18E-01	5.18E-01	5.21E-01	5.34E-01	5.33E-01	5.45E-01	5.45E-01	5.45E-01	2.37E-06	1.05E-02	3.49E-02	7.38E-03	4.80E-01
Iowa	Greene	19073	R	Beryllium Compounds	1.71E-07	1.71E-07	2.21E-07	3.34E-07	3.12E-07	4.03E-07	4.07E-07	4.07E-07	0.00E+00	3.12E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	1,3-Butadiene	1.91E-03	1.91E-03	2.01E-03	3.13E-03	3.08E-03	4.15E-03	4.16E-03	4.16E-03	0.00E+00	4.59E-04	2.06E-03	5.69E-04	0.00E+00
Iowa	Greene	19073	R	Cadmium Compounds	7.92E-07	7.92E-07	9.70E-07	1.18E-06	1.09E-06	1.22E-06	1.23E-06	1.23E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.68E-09	1.50E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Greene	19073	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	9.80E-09	7.22E-05	0.00E+00	0.00E+00	8.30E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Greene	19073	R	Chromium Compounds	6.30E-06	6.30E-06	7.09E-06	7.92E-06	7.57E-06	8.05E-06	8.14E-06	8.14E-06	0.00E+00	2.32E-06	2.45E-06	2.80E-06	0.00E+00
Iowa	Greene	19073	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
Iowa	Greene	19073	R	1,3-Dichloropropene	1.58E-03	1.58E-03	1.91E-03	2.91E-03	2.76E-03	3.62E-03	3.66E-03	3.66E-03	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Diesel Particulate Matter	5.29E-01	5.29E-01	5.31E-01	5.62E-01	5.62E-01	5.94E-01	5.96E-01	5.96E-01	0.00E+00	0.00E+00	1.17E-01	4.45E-01	***
Iowa	Greene	19073	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	5.14E-10	1.13E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Greene	19073	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	1.11E-07	5.52E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Greene	19073	R	Ethylene Oxide	3.47E-05	3.47E-05	5.81E-05	1.12E-04	1.01E-04	1.44E-04	1.46E-04	1.46E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Formaldehyde	2.94E-01	2.94E-01	2.96E-01	3.03E-01	3.03E-01	3.10E-01	3.11E-01	3.11E-01	0.00E+00	9.99E-03	2.46E-02	1.84E-02	2.50E-01
Iowa	Greene	19073	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	2.00E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Greene	19073	R	Hydrazine	2.58E-11	2.58E-11	4.20E-11	6.24E-11	7.65E-11	1.11E-10	1.56E-10	1.56E-10	0.00E+00	7.65E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Lead Compounds	1.26E-05	1.26E-05	1.62E-05	2.17E-05	2.01E-05	2.40E-05	2.44E-05	2.44E-05	0.00E+00	1.67E-05	3.38E-06	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Manganese Compounds	2.85E-05	2.85E-05	3.50E-05	5.18E-05	4.90E-05	6.30E-05	6.38E-05	6.38E-05	0.00E+00	4.49E-05	9.72E-07	3.10E-06	0.00E+00
Iowa	Greene	19073	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	2.54E-10	8.59E-06	3.28E-08	8.02E-07	1.50E-03
Iowa	Greene	19073	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.56E-01	1.55E-01	1.56E-01	1.57E-01	1.57E-01	3.20E-06	5.07E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Greene	19073	R	Nickel Compounds	8.61E-06	8.61E-06	1.25E-05	1.78E-05	1.60E-05	1.95E-05	1.98E-05	1.98E-05	0.00E+00	1.28E-05	1.90E-06	1.34E-06	0.00E+00
Iowa	Greene	19073	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.45E-01	1.44E-01	1.45E-01	1.46E-01	1.46E-01	2.53E-03	1.52E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Greene	19073	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Greene	19073	R	Polycyclic Organic Matter	2.01E-03	2.01E-03	2.42E-03	3.70E-03	3.51E-03	4.60E-03	4.64E-03	4.64E-03	0.00E+00	3.49E-03	1.78E-05	2.23E-06	0.00E+00
Iowa	Greene	19073	R	7-PAH	1.49E-04	1.49E-04	1.66E-04	2.33E-04	2.25E-04	2.85E-04	2.87E-04	2.87E-04	0.00E+00	2.16E-04	7.88E-06	1.08E-06	0.00E+00
Iowa	Greene	19073	R	Propylene Dichloride	6.87E-07	6.87E-07	8.58E-07	1.14E-06	1.22E-06	1.57E-06	1.89E-06	1.89E-06	5.57E-08	1.16E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Quinoline	7.82E-10	7.82E-10	1.41E-09	2.14E-09	2.27E-09	3.14E-09	4.04E-09	4.04E-09	0.00E+00	2.27E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	1,1,2,2-Tetrachloroethane	5.00E-06	5.00E-06	6.50E-06	9.00E-06	9.68E-06	1.29E-05	1.57E-05	1.57E-05	5.10E-07	9.17E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Greene	19073	R	Trichloroethylene	8.13E-02	8.13E-02	8.15E-02	8.17E-02	8.16E-02	8.17E-02	8.18E-02	8.18E-02	9.75E-07	6.12E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Greene	19073	R	Vinyl Chloride	1.24E-05	1.24E-05	1.61E-05	2.23E-05	2.39E-05	3.18E-05	3.88E-05	3.88E-05	1.26E-06	2.27E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	Acetaldehyde	5.34E-02	5.34E-02	5.92E-02	7.13E-02	7.01E-02	8.10E-02	8.45E-02	8.45E-02	5.45E-06	5.46E-03	4.90E-02	1.57E-02	0.00E+00
Iowa	Grundy	19075	R	Acrolein	6.97E-03	6.97E-03	7.47E-03	8.71E-03	8.52E-03	9.58E-03	9.71E-03	9.71E-03	2.77E-06	1.41E-03	5.71E-03	1.40E-03	0.00E+00
Iowa	Grundy	19075	R	Acrylonitrile	5.05E-05	5.05E-05	5.07E-05	5.58E-05	6.02E-05	6.98E-05	7.89E-05	7.89E-05	2.53E-05	3.49E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	Arsenic Compounds	4.53E-06	4.53E-06	4.89E-06	5.82E-06	5.88E-06	6.87E-06	7.35E-06	7.35E-06	4.13E-06	1.71E-06	4.50E-08	2.72E-09	0.00E+00
Iowa	Grundy	19075	R	Benzene	5.37E-01	5.37E-01	5.41E-01	5.51E-01	5.53E-01	5.64E-01	5.73E-01	5.73E-01	8.03E-05	4.27E-03	6.07E-02	7.78E-03	4.80E-01
Iowa	Grundy	19075	R	Beryllium Compounds	5.21E-07	5.21E-07	5.76E-07	6.42E-07	6.58E-07	7.40E-07	8.28E-07	8.28E-07	2.16E-07	4.42E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	1,3-Butadiene	3.22E-03	3.22E-03	3.37E-03	3.58E-03	4.24E-03	5.12E-03	6.58E-03	6.58E-03	0.00E+00	1.01E-04	3.59E-03	5.47E-04	0.00E+00
Iowa	Grundy	19075	R	Cadmium Compounds	1.61E-06	1.61E-06	1.94E-06	2.32E-06	2.71E-06	3.47E-06	4.58E-06	4.58E-06	5.36E-07	2.17E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	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	4.64E-08	1.97E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Grundy	19075	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	2.70E-07	1.24E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Grundy	19075	R	Chromium Compounds	7.45E-05	7.45E-05	8.40E-05	9.37E-05	9.09E-05	9.77E-05	1.02E-04	1.02E-04	2.19E-05	6.22E-05	2.90E-06	3.82E-06	0.00E+00
Iowa	Grundy	19075	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
Iowa	Grundy	19075	R	1,3-Dichloropropene	2.72E-03	2.72E-03	2.90E-03	3.52E-03	3.81E-03	4.72E-03	5.49E-03	5.49E-03	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	Diesel Particulate Matter	5.57E-01	5.57E-01	5.59E-01	5.63E-01	5.86E-01	6.13E-01	6.61E-01	6.61E-01	0.00E+00	0.00E+00	1.50E-01	4.36E-01	***
Iowa	Grundy	19075	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	1.42E-08	2.35E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Grundy	19075	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	3.52E-06	4.73E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Grundy	19075	R	Ethylene Oxide	5.51E-05	5.51E-05	5.58E-05	6.73E-05	7.45E-05	9.33E-05	1.08E-04	1.08E-04	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	Formaldehyde	3.11E-01	3.11E-01	3.17E-01	3.29E-01	3.28E-01	3.38E-01	3.41E-01	3.41E-01	1.56E-05	1.03E-02	4.45E-02	2.28E-02	2.50E-01
Iowa	Grundy	19075	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Grundy	19075	R	Hydrazine	8.27E-10	8.27E-10	8.32E-10	1.06E-09	1.32E-09	1.80E-09	2.33E-09	2.33E-09	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	Lead Compounds	2.50E-05	2.50E-05	3.04E-05	3.71E-05	3.56E-05	4.09E-05	4.32E-05	4.32E-05	4.39E-06	2.55E-05	3.98E-06	1.75E-06	0.00E+00
Iowa	Grundy	19075	R	Manganese Compounds	5.94E-05	5.94E-05	6.45E-05	8.37E-05	8.41E-05	1.04E-04	1.09E-04	1.09E-04	5.75E-06	7.30E-05	1.14E-06	4.22E-06	0.00E+00
Iowa	Grundy	19075	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.28E-06	1.15E-05	3.91E-08	1.10E-06	1.50E-03
Iowa	Grundy	19075	R	Methylene Chloride	1.55E-01	1.55E-01	1.56E-01	1.58E-01	1.58E-01	1.60E-01	1.61E-01	1.61E-01	9.21E-05	8.01E-03	0.00E+00	0.00E+00	1.50

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Grundy	19075	R	7-PAH	2.13E-04	2.13E-04	2.23E-04	2.61E-04	2.75E-04	3.27E-04	3.66E-04	3.66E-04	4.33E-09	2.65E-04	9.35E-06	1.08E-06	0.00E+00
Iowa	Grundy	19075	R	Propylene Dichloride	2.94E-06	2.94E-06	2.96E-06	3.27E-06	3.53E-06	4.10E-06	4.65E-06	4.65E-06	1.53E-06	2.00E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	Quinoline	6.72E-09	6.72E-09	7.51E-09	8.49E-09	8.94E-09	1.04E-08	1.21E-08	1.21E-08	0.00E+00	8.94E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	1,1,2,2-Tetrachloroethane	2.46E-05	2.46E-05	2.49E-05	2.74E-05	2.99E-05	3.49E-05	4.01E-05	4.01E-05	1.41E-05	1.58E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Grundy	19075	R	Trichloroethylene	8.18E-02	8.18E-02	8.20E-02	8.24E-02	8.24E-02	8.28E-02	8.29E-02	8.29E-02	2.71E-05	1.38E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Grundy	19075	R	Vinyl Chloride	6.08E-05	6.08E-05	6.15E-05	6.79E-05	7.39E-05	8.63E-05	9.90E-05	9.90E-05	3.46E-05	3.93E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	Acetaldehyde	3.52E-02	3.52E-02	3.52E-02	3.68E-02	3.83E-02	4.29E-02	4.29E-02	4.29E-02	0.00E+00	3.94E-03	2.43E-02	1.00E-02	0.00E+00
Iowa	Guthrie	19077	R	Acrolein	5.83E-03	5.83E-03	5.83E-03	6.63E-03	6.63E-03	7.06E-03	7.06E-03	7.06E-03	0.00E+00	2.59E-03	3.06E-03	8.50E-04	0.00E+00
Iowa	Guthrie	19077	R	Acrylonitrile	1.02E-05	1.02E-05	1.02E-05	1.35E-05	1.56E-05	2.33E-05	2.33E-05	2.33E-05	7.51E-07	1.49E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	Arsenic Compounds	5.67E-07	5.67E-07	5.67E-07	7.18E-07	7.12E-07	8.49E-07	8.49E-07	8.49E-07	0.00E+00	6.85E-07	2.47E-08	1.63E-09	0.00E+00
Iowa	Guthrie	19077	R	Benzene	5.20E-01	5.20E-01	5.20E-01	5.25E-01	5.24E-01	5.27E-01	5.27E-01	5.27E-01	1.94E-06	5.66E-03	3.30E-02	5.20E-03	4.80E-01
Iowa	Guthrie	19077	R	Beryllium Compounds	1.62E-07	1.62E-07	1.62E-07	2.11E-07	2.06E-07	2.44E-07	2.44E-07	2.44E-07	0.00E+00	2.06E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	1,3-Butadiene	2.74E-03	2.74E-03	2.74E-03	3.13E-03	3.15E-03	3.57E-03	3.57E-03	3.57E-03	0.00E+00	8.05E-04	2.00E-03	3.46E-04	0.00E+00
Iowa	Guthrie	19077	R	Cadmium Compounds	6.66E-07	6.66E-07	6.66E-07	7.72E-07	7.92E-07	9.37E-07	9.37E-07	9.37E-07	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	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	1.38E-09	1.17E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Guthrie	19077	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.01E-09	5.36E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Guthrie	19077	R	Chromium Compounds	4.05E-06	4.05E-06	4.05E-06	4.57E-06	4.62E-06	5.22E-06	5.22E-06	5.22E-06	0.00E+00	9.51E-07	1.63E-06	2.03E-06	0.00E+00
Iowa	Guthrie	19077	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
Iowa	Guthrie	19077	R	1,3-Dichloropropene	1.44E-03	1.44E-03	1.44E-03	2.25E-03	2.00E-03	2.32E-03	2.32E-03	2.32E-03	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	Diesel Particulate Matter	4.85E-01	4.85E-01	4.85E-01	4.93E-01	4.95E-01	5.08E-01	5.08E-01	5.08E-01	0.00E+00	0.00E+00	1.21E-01	3.75E-01	***
Iowa	Guthrie	19077	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	4.20E-10	6.68E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Guthrie	19077	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	9.08E-08	1.86E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Guthrie	19077	R	Ethylene Oxide	1.77E-05	1.77E-05	1.77E-05	2.00E-05	2.30E-05	3.13E-05	3.13E-05	3.13E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	Formaldehyde	2.96E-01	2.96E-01	2.96E-01	3.01E-01	3.00E-01	3.03E-01	3.03E-01	3.03E-01	0.00E+00	1.27E-02	2.28E-02	1.44E-02	2.50E-01
Iowa	Guthrie	19077	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	1.25E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Guthrie	19077	R	Hydrazine	1.49E-11	1.49E-11	1.49E-11	2.36E-11	2.20E-11	2.75E-11	2.75E-11	2.75E-11	0.00E+00	2.20E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	Lead Compounds	9.82E-06	9.82E-06	9.82E-06	1.14E-05	1.15E-05	1.33E-05	1.33E-05	1.33E-05	0.00E+00	9.26E-06	2.24E-06	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	Manganese Compounds	2.39E-05	2.39E-05	2.39E-05	3.54E-05	3.27E-05	3.88E-05	3.88E-05	3.88E-05	0.00E+00	2.98E-05	6.41E-07	2.24E-06	0.00E+00
Iowa	Guthrie	19077	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	2.07E-10	6.52E-06	2.17E-08	5.86E-07	1.50E-03
Iowa	Guthrie	19077	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	2.61E-06	3.47E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Guthrie	19077	R	Nickel Compounds	7.62E-06	7.62E-06	7.62E-06	8.11E-06	9.02E-06	1.13E-05	1.13E-05	1.13E-05	0.00E+00	6.80E-06	1.26E-06	9.54E-07	0.00E+00
Iowa	Guthrie	19077	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.44E-01	1.44E-01	9.98E-04	8.62E-04	0.00E+00	0.00E+00	1.40E-01
Iowa	Guthrie	19077	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Guthrie	19077	R	Polycyclic Organic Matter	1.89E-03	1.89E-03	1.89E-03	2.73E-03	2.46E-03	2.74E-03	2.74E-03	2.74E-03	0.00E+00	2.44E-03	1.19E-05	1.57E-06	0.00E+00
Iowa	Guthrie	19077	R	7-PAH	1.59E-04	1.59E-04	1.59E-04	2.08E-04	2.00E-04	2.32E-04	2.32E-04	2.32E-04	0.00E+00	1.94E-04	5.26E-06	7.54E-07	0.00E+00
Iowa	Guthrie	19077	R	Propylene Dichloride	5.07E-07	5.07E-07	5.07E-07	7.24E-07	8.38E-07	1.28E-06	1.28E-06	1.28E-06	4.55E-08	7.92E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	Quinoline	3.58E-10	3.58E-10	3.58E-10	4.06E-10	4.70E-10	6.44E-10	6.44E-10	6.44E-10	0.00E+00	4.70E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	R	1,1,2,2-Tetrachloroethane	3.59E-06	3.59E-06	3.59E-06	5.79E-06	6.65E-06	1.06E-05	1.06E-05	1.06E-05	4.17E-07	6.24E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Guthrie	19077	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	7.96E-07	3.39E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Guthrie	19077	R	Vinyl Chloride	8.87E-06	8.87E-06	8.87E-06	1.43E-05	1.64E-05	2.61E-05	2.61E-05	2.61E-05	1.03E-06	1.54E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	Acetaldehyde	4.33E-02	4.33E-02	4.92E-02	5.50E-02	6.80E-02	9.54E-02	9.74E-02	9.74E-02	2.00E-06	8.77E-03	3.77E-02	2.15E-02	0.00E+00
Iowa	Hamilton	19079	R	Acrolein	5.54E-03	5.54E-03	6.62E-03	8.22E-03	1.05E-02	1.60E-02	1.61E-02	1.61E-02	1.02E-06	3.33E-03	4.76E-03	2.41E-03	0.00E+00
Iowa	Hamilton	19079	R	Acrylonitrile	2.19E-05	2.19E-05	2.37E-05	2.79E-05	2.86E-05	2.90E-05	4.03E-05	4.03E-05	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	Arsenic Compounds	4.05E-06	4.05E-06	5.32E-06	8.30E-06	9.93E-06	1.59E-05	1.60E-05	1.60E-05	1.39E-06	8.44E-06	9.05E-08	5.28E-09	0.00E+00
Iowa	Hamilton	19079	R	Benzene	5.23E-01	5.23E-01	5.33E-01	5.33E-01	5.73E-01	6.37E-01	6.38E-01	6.38E-01	5.40E-06	1.05E-02	6.92E-02	1.30E-02	4.80E-01
Iowa	Hamilton	19079	R	Beryllium Compounds	4.71E-07	4.71E-07	6.00E-07	6.75E-07	1.79E-06	3.59E-06	3.60E-06	3.60E-06	7.47E-08	1.71E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	1,3-Butadiene	2.40E-03	2.40E-03	2.94E-03	2.96E-03	7.85E-03	1.55E-02	1.55E-02	1.55E-02	0.00E+00	1.11E-03	5.80E-03	9.39E-04	0.00E+00
Iowa	Hamilton	19079	R	Cadmium Compounds	6.20E-06	6.20E-06	9.38E-06	9.46E-06	1.05E-05	1.01E-05	1.75E-05	1.75E-05	1.87E-07	1.04E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	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	2.26E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Hamilton	19079	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.74E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Hamilton	19079	R	Chromium Compounds	3.22E-05	3.22E-05	3.23E-05	5.23E-05	5.68E-05	8.23E-05	8.50E-05	8.50E-05	9.29E-07	4.33E-05	6.00E-06	6.61E-06	0.00E+00
Iowa	Hamilton	19079	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

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Hamilton	19079	R	1,3-Dichloropropene	2.70E-03	2.70E-03	2.75E-03	3.46E-03	1.26E-02	2.70E-02	2.71E-02	2.71E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	Diesel Particulate Matter	5.40E-01	5.40E-01	5.55E-01	5.66E-01	7.02E-01	9.24E-01	9.27E-01	9.27E-01	0.00E+00	0.00E+00	1.37E-01	5.65E-01	***
Iowa	Hamilton	19079	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
Iowa	Hamilton	19079	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	1.66E-07	5.14E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Hamilton	19079	R	Ethylene Oxide	5.15E-05	5.15E-05	6.10E-05	7.97E-05	1.77E-04	3.45E-04	3.46E-04	3.46E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	Formaldehyde	3.00E-01	3.00E-01	3.07E-01	3.17E-01	3.43E-01	3.95E-01	3.97E-01	3.97E-01	1.08E-06	1.90E-02	4.12E-02	3.31E-02	2.50E-01
Iowa	Hamilton	19079	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	2.90E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Hamilton	19079	R	Hydrazine	2.18E-10	2.18E-10	2.54E-10	2.66E-10	3.15E-10	2.84E-10	5.53E-10	5.53E-10	0.00E+00	3.15E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	Lead Compounds	7.16E-05	7.16E-05	1.03E-04	1.32E-04	1.21E-04	1.48E-04	1.51E-04	1.51E-04	1.52E-06	9.40E-05	8.42E-06	1.71E-05	0.00E+00
Iowa	Hamilton	19079	R	Manganese Compounds	6.17E-05	6.17E-05	6.45E-05	7.20E-05	2.11E-04	4.27E-04	4.29E-04	4.29E-04	1.72E-06	2.00E-04	2.42E-06	7.07E-06	0.00E+00
Iowa	Hamilton	19079	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	6.09E-07	1.89E-05	8.21E-08	1.88E-06	1.50E-03
Iowa	Hamilton	19079	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.56E-01	1.75E-01	2.04E-01	2.04E-01	2.04E-01	1.15E-06	2.47E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Hamilton	19079	R	Nickel Compounds	4.09E-05	4.09E-05	4.38E-05	6.02E-05	1.75E-04	3.63E-04	3.66E-04	3.66E-04	9.49E-07	1.66E-04	4.61E-06	3.07E-06	0.00E+00
Iowa	Hamilton	19079	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.51E-01	1.64E-01	1.64E-01	1.64E-01	1.70E-07	1.13E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Hamilton	19079	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Hamilton	19079	R	Polycyclic Organic Matter	3.04E-03	3.04E-03	3.07E-03	4.10E-03	1.22E-02	2.54E-02	2.54E-02	2.54E-02	7.88E-08	1.21E-02	4.28E-05	4.62E-06	0.00E+00
Iowa	Hamilton	19079	R	7-PAH	2.08E-04	2.08E-04	2.16E-04	3.07E-04	7.71E-04	1.56E-03	1.57E-03	1.57E-03	1.59E-09	7.50E-04	1.90E-05	2.11E-06	0.00E+00
Iowa	Hamilton	19079	R	Propylene Dichloride	1.17E-06	1.17E-06	1.29E-06	1.50E-06	1.57E-06	1.56E-06	2.31E-06	2.31E-06	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	Quinoline	5.03E-09	5.03E-09	5.69E-09	6.91E-09	7.29E-09	7.29E-09	1.15E-08	1.15E-08	0.00E+00	7.29E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	1,1,2,2-Tetrachloroethane	8.56E-06	8.56E-06	9.67E-06	1.10E-05	1.18E-05	1.15E-05	1.83E-05	1.83E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hamilton	19079	R	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.19E-02	8.43E-02	8.82E-02	8.83E-02	8.83E-02	0.00E+00	3.35E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Hamilton	19079	R	Vinyl Chloride	2.13E-05	2.13E-05	2.40E-05	2.73E-05	2.93E-05	2.86E-05	4.54E-05	4.54E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	Acetaldehyde	2.99E-02	2.99E-02	3.33E-02	3.78E-02	3.63E-02	3.94E-02	3.99E-02	3.99E-02	9.10E-07	3.84E-03	2.15E-02	1.10E-02	0.00E+00
Iowa	Hancock	19081	R	Acrolein	3.50E-03	3.50E-03	4.13E-03	5.64E-03	5.33E-03	6.53E-03	6.55E-03	6.55E-03	4.64E-07	1.56E-03	2.72E-03	1.06E-03	0.00E+00
Iowa	Hancock	19081	R	Acrylonitrile	4.53E-05	4.53E-05	5.36E-05	6.29E-05	6.06E-05	6.77E-05	7.14E-05	7.14E-05	4.33E-05	1.73E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	Arsenic Compounds	1.20E-06	1.20E-06	1.49E-06	1.98E-06	1.87E-06	2.26E-06	2.33E-06	2.33E-06	6.55E-07	1.18E-06	3.66E-08	2.07E-09	0.00E+00
Iowa	Hancock	19081	R	Benzene	5.13E-01	5.13E-01	5.21E-01	5.31E-01	5.27E-01	5.33E-01	5.34E-01	5.34E-01	1.14E-04	4.88E-03	3.55E-02	6.56E-03	4.80E-01
Iowa	Hancock	19081	R	Beryllium Compounds	2.01E-07	2.01E-07	2.64E-07	3.74E-07	3.45E-07	4.25E-07	4.29E-07	4.29E-07	3.47E-08	3.10E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	1,3-Butadiene	2.13E-03	2.13E-03	3.07E-03	4.36E-03	3.90E-03	4.73E-03	4.74E-03	4.74E-03	0.00E+00	5.66E-04	2.77E-03	5.67E-04	0.00E+00
Iowa	Hancock	19081	R	Cadmium Compounds	7.00E-07	7.00E-07	8.52E-07	1.14E-06	1.07E-06	1.29E-06	1.30E-06	1.30E-06	8.73E-08	9.82E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	7.94E-08	1.33E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Hancock	19081	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	4.62E-07	8.00E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Hancock	19081	R	Chromium Compounds	6.20E-05	6.20E-05	6.20E-05	7.92E-05	7.98E-05	9.77E-05	9.89E-05	9.89E-05	4.36E-07	7.45E-05	2.31E-06	2.53E-06	0.00E+00
Iowa	Hancock	19081	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
Iowa	Hancock	19081	R	1,3-Dichloropropene	1.47E-03	1.47E-03	2.11E-03	3.01E-03	2.69E-03	3.26E-03	3.26E-03	3.26E-03	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	Diesel Particulate Matter	5.14E-01	5.14E-01	5.42E-01	5.72E-01	5.61E-01	5.80E-01	5.85E-01	5.85E-01	0.00E+00	0.00E+00	1.32E-01	4.29E-01	***
Iowa	Hancock	19081	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	2.42E-08	3.18E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Hancock	19081	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	5.31E-06	2.81E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Hancock	19081	R	Ethylene Oxide	1.75E-05	1.75E-05	2.08E-05	2.80E-05	2.65E-05	3.23E-05	3.27E-05	3.27E-05	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	Formaldehyde	2.85E-01	2.85E-01	2.91E-01	3.00E-01	2.98E-01	3.05E-01	3.05E-01	3.05E-01	4.70E-07	8.92E-03	2.28E-02	1.59E-02	2.50E-01
Iowa	Hancock	19081	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	1.91E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Hancock	19081	R	Hydrazine	2.47E-09	2.47E-09	3.15E-09	9.75E-09	9.43E-09	1.57E-08	1.57E-08	1.57E-08	0.00E+00	9.43E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	Lead Compounds	3.21E-05	3.21E-05	3.65E-05	5.36E-05	5.31E-05	6.96E-05	7.31E-05	7.31E-05	7.14E-07	1.74E-05	3.19E-06	3.18E-05	0.00E+00
Iowa	Hancock	19081	R	Manganese Compounds	1.30E-04	1.30E-04	1.39E-04	2.11E-04	2.12E-04	2.85E-04	2.97E-04	2.97E-04	8.10E-07	2.08E-04	9.25E-07	2.82E-06	0.00E+00
Iowa	Hancock	19081	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	1.71E-07	6.84E-06	3.12E-08	7.16E-07	1.50E-03
Iowa	Hancock	19081	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.56E-01	1.55E-01	1.57E-01	1.57E-01	1.57E-01	1.53E-04	5.19E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Hancock	19081	R	Nickel Compounds	3.66E-05	3.66E-05	4.12E-05	4.95E-05	4.86E-05	5.61E-05	5.88E-05	5.88E-05	4.47E-07	4.51E-05	1.80E-06	1.24E-06	0.00E+00
Iowa	Hancock	19081	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	7.77E-05	1.34E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Hancock	19081	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Hancock	19081	R	Polycyclic Organic Matter	1.62E-03	1.62E-03	2.22E-03	3.19E-03	2.90E-03	3.59E-03	3.60E-03	3.60E-03	3.56E-08	2.88E-03	1.66E-05	2.27E-06	0.00E+00
Iowa	Hancock	19081	R	7-PAH	1.07E-04	1.07E-04	1.46E-04	2.25E-04	2.05E-04	2.64E-04	2.65E-04	2.65E-04	7.27E-10	1.97E-04	7.38E-06	9.20E-07	0.00E+00
Iowa	Hancock	19081	R	Propylene Dichloride	2.71E-06	2.71E-06	3.21E-06	3.89E-06	3.75E-06	4.29E-06	4.52E-06	4.52E-06	2.62E-06	1.13E-06	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Hancock	19081	R	Quinoline	1.02E-08	1.02E-08	1.22E-08	3.19E-08	3.11E-08	5.01E-08	5.05E-08	5.05E-08	0.00E+00	3.11E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	1,1,2,2-Tetrachloroethane	2.31E-05	2.31E-05	2.73E-05	3.18E-05	3.07E-05	3.42E-05	3.63E-05	3.63E-05	2.40E-05	6.71E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Hancock	19081	R	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.16E-02	8.16E-02	8.18E-02	8.18E-02	8.18E-02	4.65E-05	5.63E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Hancock	19081	R	Vinyl Chloride	5.71E-05	5.71E-05	6.77E-05	7.93E-05	7.66E-05	8.56E-05	9.07E-05	9.07E-05	5.92E-05	1.74E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Acetaldehyde	4.01E-02	4.01E-02	4.38E-02	4.90E-02	4.96E-02	5.19E-02	6.36E-02	6.36E-02	2.39E-06	5.48E-03	2.91E-02	1.50E-02	0.00E+00
Iowa	Hardin	19083	R	Acrolein	5.51E-03	5.51E-03	7.10E-03	8.12E-03	8.14E-03	8.54E-03	1.15E-02	1.15E-02	1.22E-06	2.87E-03	3.69E-03	1.58E-03	0.00E+00
Iowa	Hardin	19083	R	Acrylonitrile	7.66E-05	7.66E-05	7.69E-05	8.44E-05	8.69E-05	9.22E-05	1.07E-04	1.07E-04	1.69E-07	8.67E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Arsenic Compounds	1.34E-06	1.34E-06	3.89E-06	6.02E-06	5.86E-06	8.86E-06	9.05E-06	9.05E-06	1.91E-06	3.89E-06	5.56E-08	3.33E-09	0.00E+00
Iowa	Hardin	19083	R	Benzene	5.27E-01	5.27E-01	5.33E-01	5.52E-01	5.53E-01	5.72E-01	5.80E-01	5.80E-01	7.51E-06	1.55E-02	4.73E-02	9.79E-03	4.80E-01
Iowa	Hardin	19083	R	Beryllium Compounds	2.93E-07	2.93E-07	3.59E-07	9.58E-07	8.50E-07	1.26E-06	1.27E-06	1.27E-06	1.01E-07	7.49E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	1,3-Butadiene	3.01E-03	3.01E-03	3.37E-03	5.60E-03	5.48E-03	7.18E-03	8.10E-03	8.10E-03	0.00E+00	1.07E-03	3.61E-03	8.03E-04	0.00E+00
Iowa	Hardin	19083	R	Cadmium Compounds	2.23E-06	2.23E-06	5.68E-06	6.19E-06	6.56E-06	9.25E-06	9.81E-06	9.81E-06	2.51E-07	6.31E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.10E-10	2.04E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Hardin	19083	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	1.81E-09	1.28E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Hardin	19083	R	Chromium Compounds	1.27E-05	1.27E-05	1.63E-05	5.11E-05	5.30E-05	8.62E-05	1.01E-04	1.01E-04	1.32E-05	3.18E-05	3.58E-06	4.42E-06	0.00E+00
Iowa	Hardin	19083	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
Iowa	Hardin	19083	R	1,3-Dichloropropene	1.93E-03	1.93E-03	2.51E-03	4.65E-03	5.18E-03	8.65E-03	8.67E-03	8.67E-03	0.00E+00	5.18E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Diesel Particulate Matter	5.36E-01	5.36E-01	5.37E-01	5.96E-01	5.96E-01	6.54E-01	6.56E-01	6.56E-01	0.00E+00	0.00E+00	1.38E-01	4.58E-01	***
Iowa	Hardin	19083	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	9.47E-11	8.84E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Hardin	19083	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	2.38E-07	1.55E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Hardin	19083	R	Ethylene Oxide	3.22E-05	3.22E-05	3.84E-05	1.28E-04	1.24E-04	2.07E-04	2.08E-04	2.08E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Formaldehyde	2.98E-01	2.98E-01	3.08E-01	3.17E-01	3.18E-01	3.26E-01	3.44E-01	3.44E-01	1.80E-06	1.53E-02	3.04E-02	2.29E-02	2.50E-01
Iowa	Hardin	19083	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	1.92E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Hardin	19083	R	Hydrazine	1.19E-09	1.19E-09	1.63E-09	8.48E-09	1.67E-08	4.02E-08	4.02E-08	4.02E-08	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Lead Compounds	2.53E-05	2.53E-05	7.11E-05	7.34E-05	6.62E-05	7.46E-05	7.92E-05	7.92E-05	2.06E-06	5.91E-05	4.97E-06	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Manganese Compounds	4.16E-05	4.16E-05	4.89E-05	9.23E-05	9.83E-05	1.57E-04	1.57E-04	1.57E-04	2.35E-06	8.97E-05	1.44E-06	4.79E-06	0.00E+00
Iowa	Hardin	19083	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	6.73E-07	1.25E-05	4.85E-08	1.26E-06	1.50E-03
Iowa	Hardin	19083	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.60E-01	1.61E-01	1.71E-01	1.71E-01	1.71E-01	2.03E-06	1.15E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Hardin	19083	R	Nickel Compounds	1.77E-05	1.77E-05	2.08E-05	8.55E-05	7.78E-05	1.28E-04	1.29E-04	1.29E-04	1.53E-06	7.14E-05	2.77E-06	2.08E-06	0.00E+00
Iowa	Hardin	19083	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.43E-01	1.43E-01	1.45E-01	1.45E-01	1.45E-01	5.11E-07	3.19E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Hardin	19083	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Hardin	19083	R	Polycyclic Organic Matter	2.26E-03	2.26E-03	3.14E-03	5.70E-03	5.95E-03	9.44E-03	9.46E-03	9.46E-03	1.06E-07	5.92E-03	2.57E-05	3.15E-06	0.00E+00
Iowa	Hardin	19083	R	7-PAH	1.58E-04	1.58E-04	2.32E-04	3.92E-04	3.77E-04	5.43E-04	5.45E-04	5.45E-04	2.06E-09	3.64E-04	1.14E-05	1.51E-06	0.00E+00
Iowa	Hardin	19083	R	Propylene Dichloride	4.52E-06	4.52E-06	4.59E-06	5.36E-06	5.44E-06	6.18E-06	6.60E-06	6.60E-06	1.03E-08	5.43E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Quinoline	9.98E-09	9.98E-09	1.31E-08	3.31E-08	5.50E-08	1.20E-07	1.21E-07	1.21E-07	0.00E+00	5.50E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	1,1,2,2-Tetrachloroethane	3.90E-05	3.90E-05	3.95E-05	4.21E-05	4.37E-05	4.54E-05	5.42E-05	5.42E-05	9.39E-08	4.36E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Hardin	19083	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.25E-02	8.29E-02	8.47E-02	8.47E-02	8.47E-02	1.78E-07	1.90E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Hardin	19083	R	Vinyl Chloride	9.63E-05	9.63E-05	9.77E-05	1.06E-04	1.09E-04	1.15E-04	1.35E-04	1.35E-04	2.31E-07	1.09E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	Acetaldehyde	3.38E-02	3.38E-02	5.99E-02	6.68E-02	7.20E-02	6.96E-02	1.30E-01	1.30E-01	6.23E-06	7.39E-03	4.53E-02	1.93E-02	0.00E+00
Iowa	Harrison	19085	R	Acrolein	5.86E-03	5.86E-03	9.14E-03	9.79E-03	1.15E-02	1.01E-02	2.26E-02	2.26E-02	3.17E-06	4.22E-03	5.29E-03	1.99E-03	0.00E+00
Iowa	Harrison	19085	R	Acrylonitrile	5.67E-06	5.67E-06	1.34E-05	1.49E-05	1.60E-05	1.63E-05	2.96E-05	2.96E-05	5.13E-06	1.08E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	Arsenic Compounds	6.20E-07	6.20E-07	5.17E-06	9.65E-06	1.69E-05	1.72E-05	5.17E-05	5.17E-05	9.11E-06	7.72E-06	5.20E-08	5.66E-09	0.00E+00
Iowa	Harrison	19085	R	Benzene	5.18E-01	5.18E-01	5.49E-01	5.58E-01	5.65E-01	5.60E-01	6.40E-01	6.40E-01	3.11E-05	1.09E-02	6.51E-02	9.20E-03	4.80E-01
Iowa	Harrison	19085	R	Beryllium Compounds	1.74E-07	1.74E-07	4.77E-07	7.33E-07	1.42E-06	1.45E-06	4.27E-06	4.27E-06	8.61E-07	5.59E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	1,3-Butadiene	3.02E-03	3.02E-03	4.31E-03	6.26E-03	7.28E-03	7.16E-03	1.57E-02	1.57E-02	0.00E+00	1.93E-03	4.63E-03	7.18E-04	0.00E+00
Iowa	Harrison	19085	R	Cadmium Compounds	9.35E-07	9.35E-07	2.25E-06	2.84E-06	3.91E-06	4.13E-06	9.40E-06	9.40E-06	1.64E-06	2.27E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	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	5.59E-07	2.21E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Harrison	19085	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.33E-02	2.45E-06	1.36E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Harrison	19085	R	Chromium Compounds	4.51E-06	4.51E-06	1.09E-05	1.48E-05	2.33E-05	2.44E-05	6.19E-05	6.19E-05	4.59E-06	1.06E-05	3.39E-06	4.70E-06	0.00E+00
Iowa	Harrison	19085	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
Iowa	Harrison	19085	R	1,3-Dichloropropene	1.43E-03	1.43E-03	2.87E-03	3.41E-03	4.97E-03	3.70E-03	1.35E-02	1.35E-02	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	Diesel Particulate Matter	4.93E-01	4.93E-01	5.21E-01	6.42E-01	6.04E-01	6.60E-01	7.02E-01	7.02E-01	0.00E+00	0.00E+00	1.36E-01	4.68E-01	***

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Harrison	19085	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	2.87E-09	1.05E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Harrison	19085	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.12E-02	6.13E-02	6.16E-02	6.16E-02	1.81E-04	1.99E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Harrison	19085	R	Ethylene Oxide	3.19E-05	3.19E-05	3.74E-05	4.43E-05	8.90E-05	4.62E-05	2.85E-04	2.85E-04	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	Formaldehyde	2.95E-01	2.95E-01	3.26E-01	3.32E-01	3.45E-01	3.36E-01	4.36E-01	4.36E-01	8.50E-06	2.31E-02	4.38E-02	2.80E-02	2.50E-01
Iowa	Harrison	19085	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.07E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Harrison	19085	R	Hydrazine	1.21E-10	1.21E-10	2.62E-10	1.06E-09	2.80E-09	1.22E-09	1.13E-08	1.13E-08	0.00E+00	2.80E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	Lead Compounds	1.55E-05	1.55E-05	1.84E-04	1.96E-04	5.37E-04	6.85E-04	1.61E-03	1.61E-03	2.45E-04	1.80E-04	4.72E-06	1.07E-04	0.00E+00
Iowa	Harrison	19085	R	Manganese Compounds	2.82E-05	2.82E-05	6.86E-05	1.00E-04	1.58E-04	1.52E-04	4.40E-04	4.40E-04	1.77E-05	1.34E-04	1.37E-06	5.11E-06	0.00E+00
Iowa	Harrison	19085	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	3.24E-06	1.84E-05	4.53E-08	1.34E-06	1.50E-03
Iowa	Harrison	19085	R	Methylene Chloride	1.54E-01	1.54E-01	1.56E-01	1.62E-01	1.71E-01	1.69E-01	2.13E-01	2.13E-01	9.78E-03	1.10E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Harrison	19085	R	Nickel Compounds	9.06E-06	9.06E-06	1.54E-05	1.71E-05	3.62E-05	2.86E-05	1.11E-04	1.11E-04	6.12E-06	2.52E-05	2.63E-06	2.24E-06	0.00E+00
Iowa	Harrison	19085	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.44E-01	1.43E-01	1.52E-01	1.52E-01	1.08E-05	4.17E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Harrison	19085	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Harrison	19085	R	Polycyclic Organic Matter	1.94E-03	1.94E-03	3.44E-03	4.09E-03	5.73E-03	4.27E-03	1.49E-02	1.49E-02	3.73E-06	5.69E-03	2.43E-05	4.02E-06	0.00E+00
Iowa	Harrison	19085	R	7-PAH	1.71E-04	1.71E-04	2.57E-04	3.11E-04	4.30E-04	3.35E-04	1.07E-03	1.07E-03	5.08E-09	4.18E-04	1.08E-05	1.33E-06	0.00E+00
Iowa	Harrison	19085	R	Propylene Dichloride	2.67E-07	2.67E-07	6.39E-07	1.35E-06	1.43E-06	1.78E-06	3.12E-06	3.12E-06	3.11E-07	1.12E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	Quinoline	2.76E-09	2.76E-09	2.93E-09	4.05E-09	1.04E-08	4.92E-09	3.74E-08	3.74E-08	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	1,1,2,2-Tetrachloroethane	1.21E-06	1.21E-06	3.65E-06	5.33E-06	5.91E-06	6.63E-06	1.27E-05	1.27E-05	2.85E-06	3.06E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Harrison	19085	R	Trichloroethylene	8.14E-02	8.14E-02	8.16E-02	8.17E-02	8.24E-02	8.18E-02	8.55E-02	8.55E-02	1.79E-04	1.24E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Harrison	19085	R	Vinyl Chloride	3.13E-06	3.13E-06	9.43E-06	1.13E-05	1.35E-05	1.38E-05	3.00E-05	3.00E-05	7.01E-06	6.51E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	Acetaldehyde	4.95E-02	4.95E-02	4.99E-02	6.07E-02	7.88E-02	1.16E-01	1.18E-01	1.18E-01	1.62E-06	1.10E-02	4.54E-02	2.23E-02	0.00E+00
Iowa	Henry	19087	R	Acrolein	8.92E-03	8.92E-03	9.14E-03	1.19E-02	1.61E-02	2.52E-02	2.55E-02	2.55E-02	2.36E-04	7.32E-03	5.81E-03	2.77E-03	0.00E+00
Iowa	Henry	19087	R	Acrylonitrile	1.00E-04	1.00E-04	1.15E-04	1.50E-04	6.49E-04	1.53E-04	2.73E-03	2.73E-03	5.29E-04	1.20E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	Arsenic Compounds	3.75E-06	3.75E-06	4.52E-06	9.67E-06	1.25E-05	2.23E-05	2.25E-05	2.25E-05	1.47E-06	1.09E-05	1.19E-07	9.27E-09	0.00E+00
Iowa	Henry	19087	R	Benzene	5.38E-01	5.38E-01	5.39E-01	5.53E-01	6.07E-01	7.01E-01	7.03E-01	7.03E-01	5.27E-06	1.94E-02	9.46E-02	1.27E-02	4.80E-01
Iowa	Henry	19087	R	Beryllium Compounds	4.25E-07	4.25E-07	4.56E-07	6.20E-07	2.10E-06	4.49E-06	4.50E-06	4.50E-06	7.75E-08	2.02E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	1,3-Butadiene	3.78E-03	3.78E-03	4.30E-03	5.63E-03	1.28E-02	2.52E-02	2.53E-02	2.53E-02	2.06E-05	3.07E-03	8.70E-03	1.06E-03	0.00E+00
Iowa	Henry	19087	R	Cadmium Compounds	2.27E-06	2.27E-06	2.52E-06	4.13E-06	5.80E-06	9.97E-06	1.01E-05	1.01E-05	1.98E-07	5.60E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	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	2.96E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Henry	19087	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	2.19E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Henry	19087	R	Chromium Compounds	1.15E-04	1.15E-04	1.46E-04	2.52E-04	5.79E-04	5.41E-04	1.84E-03	1.84E-03	5.01E-04	6.18E-05	7.46E-06	8.64E-06	0.00E+00
Iowa	Henry	19087	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
Iowa	Henry	19087	R	1,3-Dichloropropene	2.86E-03	2.86E-03	2.94E-03	3.82E-03	1.35E-02	2.90E-02	2.90E-02	2.90E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	Diesel Particulate Matter	5.16E-01	5.16E-01	5.43E-01	5.66E-01	6.91E-01	9.14E-01	9.17E-01	9.17E-01	0.00E+00	0.00E+00	1.81E-01	5.10E-01	***
Iowa	Henry	19087	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	9.77E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Henry	19087	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	5.63E-06	1.69E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Henry	19087	R	Ethylene Oxide	4.31E-05	4.31E-05	6.30E-05	6.82E-05	2.76E-04	6.03E-04	6.04E-04	6.04E-04	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	Formaldehyde	3.13E-01	3.13E-01	3.18E-01	3.36E-01	3.77E-01	4.59E-01	4.61E-01	4.61E-01	9.11E-05	3.53E-02	5.58E-02	3.61E-02	2.50E-01
Iowa	Henry	19087	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	1.91E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Henry	19087	R	Hydrazine	7.30E-10	7.30E-10	8.26E-10	1.66E-09	1.02E-08	2.40E-08	2.40E-08	2.40E-08	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	Lead Compounds	3.01E-04	3.01E-04	3.88E-04	5.72E-04	5.92E-04	6.04E-04	1.09E-03	1.09E-03	1.58E-06	5.56E-04	1.05E-05	2.38E-05	0.00E+00
Iowa	Henry	19087	R	Manganese Compounds	2.71E-03	2.71E-03	4.16E-03	6.11E-03	3.27E-02	5.84E-02	9.22E-02	9.22E-02	3.24E-02	2.66E-04	3.05E-06	9.24E-06	0.00E+00
Iowa	Henry	19087	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	6.79E-07	2.27E-05	1.03E-07	2.45E-06	1.50E-03
Iowa	Henry	19087	R	Methylene Chloride	1.57E-01	1.57E-01	1.60E-01	1.60E-01	1.89E-01	2.34E-01	2.34E-01	2.34E-01	1.05E-06	3.92E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Henry	19087	R	Nickel Compounds	1.27E-04	1.27E-04	1.40E-04	2.41E-04	7.21E-04	9.03E-04	2.20E-03	2.20E-03	4.94E-04	2.17E-04	5.78E-06	4.09E-06	0.00E+00
Iowa	Henry	19087	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.45E-01	1.62E-01	1.89E-01	1.89E-01	1.89E-01	1.55E-07	2.22E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Henry	19087	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Henry	19087	R	Polycyclic Organic Matter	3.35E-03	3.35E-03	3.64E-03	5.94E-03	1.37E-02	2.78E-02	2.79E-02	2.79E-02	3.26E-06	1.37E-02	5.29E-05	4.32E-06	0.00E+00
Iowa	Henry	19087	R	7-PAH	2.39E-04	2.39E-04	2.84E-04	4.03E-04	9.12E-04	1.81E-03	1.82E-03	1.82E-03	1.55E-09	8.86E-04	2.35E-05	1.85E-06	0.00E+00
Iowa	Henry	19087	R	Propylene Dichloride	4.76E-06	4.76E-06	5.97E-06	6.89E-06	7.28E-06	9.30E-06	9.47E-06	9.47E-06	0.00E+00	7.28E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	Quinoline	9.38E-09	9.38E-09	1.95E-08	2.94E-08	4.39E-08	8.02E-08	8.10E-08	8.10E-08	0.00E+00	4.39E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Henry	19087	R	1,1,2,2-Tetrachloroethane	4.10E-05	4.10E-05	5.08E-05	5.83E-05	6.06E-05	7.57E-05	7.71E-05	7.71E-05	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Henry	19087	R	Trichloroethylene	8.58E-02	8.58E-02	8.69E-02	9.05E-02	9.64E-02	1.09E-01	1.09E-01	1.09E-01	3.87E-03	1.15E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Henry	19087	R	Vinyl Chloride	1.01E-04	1.01E-04	1.26E-04	1.45E-04	1.51E-04	1.89E-04	1.92E-04	1.92E-04	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Acetaldehyde	2.80E-02	2.80E-02	2.80E-02	2.94E-02	3.46E-02	4.66E-02	4.66E-02	4.66E-02	0.00E+00	3.96E-03	2.17E-02	8.93E-03	0.00E+00
Iowa	Howard	19089	R	Acrolein	4.89E-03	4.89E-03	4.89E-03	5.89E-03	7.21E-03	1.08E-02	1.08E-02	1.08E-02	0.00E+00	3.63E-03	2.69E-03	8.82E-04	0.00E+00
Iowa	Howard	19089	R	Acrylonitrile	4.62E-05	4.62E-05	4.62E-05	5.28E-05	5.38E-05	6.25E-05	6.25E-05	6.25E-05	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Arsenic Compounds	5.81E-07	5.81E-07	5.81E-07	6.79E-07	1.77E-06	4.06E-06	4.06E-06	4.06E-06	0.00E+00	1.74E-06	3.70E-08	1.22E-09	0.00E+00
Iowa	Howard	19089	R	Benzene	5.11E-01	5.11E-01	5.11E-01	5.14E-01	5.29E-01	5.63E-01	5.63E-01	5.63E-01	0.00E+00	9.26E-03	3.49E-02	4.85E-03	4.80E-01
Iowa	Howard	19089	R	Beryllium Compounds	1.50E-07	1.50E-07	1.50E-07	1.82E-07	4.75E-07	1.09E-06	1.09E-06	1.09E-06	0.00E+00	4.75E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	1,3-Butadiene	1.91E-03	1.91E-03	1.91E-03	2.07E-03	4.01E-03	8.06E-03	8.06E-03	8.06E-03	0.00E+00	1.01E-03	2.61E-03	3.89E-04	0.00E+00
Iowa	Howard	19089	R	Cadmium Compounds	7.08E-07	7.08E-07	7.08E-07	7.14E-07	1.21E-06	2.20E-06	2.20E-06	2.20E-06	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.37E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Howard	19089	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	6.32E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Howard	19089	R	Chromium Compounds	6.81E-06	6.81E-06	6.81E-06	7.20E-06	1.00E-05	1.61E-05	1.61E-05	1.61E-05	0.00E+00	5.07E-06	2.41E-06	2.56E-06	0.00E+00
Iowa	Howard	19089	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
Iowa	Howard	19089	R	1,3-Dichloropropene	1.28E-03	1.28E-03	1.28E-03	1.56E-03	4.16E-03	9.64E-03	9.64E-03	9.64E-03	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Diesel Particulate Matter	4.97E-01	4.97E-01	4.97E-01	5.07E-01	5.40E-01	6.16E-01	6.16E-01	6.16E-01	0.00E+00	0.00E+00	1.50E-01	3.90E-01	***
Iowa	Howard	19089	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	3.17E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Howard	19089	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-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Howard	19089	R	Ethylene Oxide	2.22E-05	2.22E-05	2.22E-05	2.49E-05	8.37E-05	2.04E-04	2.04E-04	2.04E-04	0.00E+00	8.37E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Formaldehyde	2.84E-01	2.84E-01	2.84E-01	3.01E-01	3.08E-01	3.38E-01	3.38E-01	3.38E-01	9.08E-03	1.26E-02	2.26E-02	1.36E-02	2.50E-01
Iowa	Howard	19089	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	1.33E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Howard	19089	R	Hydrazine	1.46E-11	1.46E-11	1.46E-11	1.93E-11	7.11E-11	1.80E-10	1.80E-10	1.80E-10	0.00E+00	7.11E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Lead Compounds	1.15E-05	1.15E-05	1.15E-05	1.20E-05	2.55E-05	5.32E-05	5.32E-05	5.32E-05	0.00E+00	2.22E-05	3.36E-06	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Manganese Compounds	2.01E-05	2.01E-05	2.01E-05	2.54E-05	6.60E-05	1.52E-04	1.52E-04	1.52E-04	0.00E+00	6.22E-05	9.64E-07	2.77E-06	0.00E+00
Iowa	Howard	19089	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	6.04E-06	3.30E-08	7.33E-07	1.50E-03
Iowa	Howard	19089	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.58E-01	1.68E-01	1.68E-01	1.68E-01	2.83E-04	7.60E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Howard	19089	R	Nickel Compounds	1.41E-05	1.41E-05	1.41E-05	1.54E-05	3.75E-05	8.29E-05	8.29E-05	8.29E-05	0.00E+00	3.44E-05	1.86E-06	1.18E-06	0.00E+00
Iowa	Howard	19089	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.36E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Howard	19089	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Howard	19089	R	Polycyclic Organic Matter	2.77E-03	2.77E-03	2.77E-03	3.49E-03	5.89E-03	1.14E-02	1.14E-02	1.14E-02	0.00E+00	5.87E-03	1.73E-05	1.41E-06	0.00E+00
Iowa	Howard	19089	R	7-PAH	1.35E-04	1.35E-04	1.35E-04	1.86E-04	3.36E-04	6.87E-04	6.87E-04	6.87E-04	0.00E+00	3.27E-04	7.70E-06	6.55E-07	0.00E+00
Iowa	Howard	19089	R	Propylene Dichloride	2.63E-06	2.63E-06	2.63E-06	3.04E-06	3.09E-06	3.61E-06	3.61E-06	3.61E-06	0.00E+00	3.09E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Quinoline	3.40E-10	3.40E-10	3.40E-10	4.14E-10	1.38E-09	3.37E-09	3.37E-09	3.37E-09	0.00E+00	1.38E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	1,1,2,2-Tetrachloroethane	2.19E-05	2.19E-05	2.19E-05	2.71E-05	2.72E-05	3.25E-05	3.25E-05	3.25E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Howard	19089	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.19E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	8.60E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Howard	19089	R	Vinyl Chloride	7.12E-05	7.12E-05	7.12E-05	7.61E-05	7.89E-05	8.94E-05	8.94E-05	8.94E-05	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	Acetaldehyde	3.87E-02	3.87E-02	3.92E-02	7.14E-02	7.12E-02	1.03E-01	1.04E-01	1.04E-01	5.23E-07	8.19E-03	3.91E-02	2.39E-02	0.00E+00
Iowa	Humboldt	19091	R	Acrolein	4.44E-03	4.44E-03	4.48E-03	9.33E-03	9.28E-03	1.40E-02	1.40E-02	1.40E-02	2.66E-07	1.76E-03	4.94E-03	2.58E-03	0.00E+00
Iowa	Humboldt	19091	R	Acrylonitrile	3.04E-05	3.04E-05	3.15E-05	4.71E-05	4.68E-05	6.21E-05	6.24E-05	6.24E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	Arsenic Compounds	1.14E-06	1.14E-06	1.38E-06	5.71E-06	5.61E-06	9.83E-06	9.86E-06	9.86E-06	3.80E-07	5.13E-06	8.98E-08	5.04E-09	0.00E+00
Iowa	Humboldt	19091	R	Benzene	5.19E-01	5.19E-01	5.20E-01	5.84E-01	5.84E-01	6.47E-01	6.47E-01	6.47E-01	1.43E-06	9.15E-03	7.98E-02	1.45E-02	4.80E-01
Iowa	Humboldt	19091	R	Beryllium Compounds	2.48E-07	2.48E-07	2.74E-07	1.37E-06	1.36E-06	2.46E-06	2.46E-06	2.46E-06	2.01E-08	1.34E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	1,3-Butadiene	2.42E-03	2.42E-03	2.48E-03	9.01E-03	8.99E-03	1.55E-02	1.55E-02	1.55E-02	0.00E+00	4.02E-04	7.21E-03	1.38E-03	0.00E+00
Iowa	Humboldt	19091	R	Cadmium Compounds	1.05E-06	1.05E-06	1.08E-06	3.16E-06	3.14E-06	5.21E-06	5.21E-06	5.21E-06	5.04E-08	3.09E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	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	2.22E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Humboldt	19091	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.47E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Humboldt	19091	R	Chromium Compounds	1.63E-05	1.63E-05	3.13E-05	5.00E-05	4.30E-05	5.47E-05	5.57E-05	5.57E-05	2.52E-07	3.01E-05	5.83E-06	6.75E-06	0.00E+00
Iowa	Humboldt	19091	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
Iowa	Humboldt	19091	R	1,3-Dichloropropene	2.05E-03	2.05E-03	2.11E-03	1.17E-02	1.17E-02	2.13E-02	2.14E-02	2.14E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	Diesel Particulate Matter	5.39E-01	5.39E-01	5.44E-01	7.88E-01	7.86E-01	1.03E+00	1.03E+00	1.03E+00	0.00E+00	0.00E+00	1.44E-01	6.42E-01	***
Iowa	Humboldt	19091	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.79E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Humboldt	19091	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	4.40E-08	8.74E-06	0.00E+00	0.00E+00	6.10E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Humboldt	19091	R	Ethylene Oxide	3.72E-05	3.72E-05	3.91E-05	2.14E-04	2.14E-04	3.88E-04	3.90E-04	3.90E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	Formaldehyde	2.94E-01	2.94E-01	2.94E-01	3.44E-01	3.44E-01	3.93E-01	3.93E-01	3.93E-01	2.71E-07	1.16E-02	4.61E-02	3.58E-02	2.50E-01
Iowa	Humboldt	19091	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	4.01E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Humboldt	19091	R	Hydrazine	3.85E-10	3.85E-10	6.76E-10	9.90E-09	9.76E-09	1.89E-08	1.89E-08	1.89E-08	0.00E+00	9.76E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	Lead Compounds	4.67E-05	4.67E-05	6.15E-05	2.01E-04	1.99E-04	3.37E-04	3.49E-04	3.49E-04	4.13E-07	1.11E-04	8.20E-06	7.92E-05	0.00E+00
Iowa	Humboldt	19091	R	Manganese Compounds	1.07E-04	1.07E-04	1.09E-04	2.65E-04	2.64E-04	4.19E-04	4.20E-04	4.20E-04	4.69E-07	2.54E-04	2.38E-06	7.21E-06	0.00E+00
Iowa	Humboldt	19091	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	9.14E-08	1.42E-05	7.97E-08	1.92E-06	1.50E-03
Iowa	Humboldt	19091	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.72E-01	1.71E-01	1.89E-01	1.89E-01	1.89E-01	3.02E-07	2.14E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Humboldt	19091	R	Nickel Compounds	2.31E-05	2.31E-05	3.79E-05	1.37E-04	1.30E-04	2.22E-04	2.23E-04	2.23E-04	2.59E-07	1.22E-04	4.50E-06	3.16E-06	0.00E+00
Iowa	Humboldt	19091	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.52E-01	1.52E-01	1.62E-01	1.63E-01	1.63E-01	4.48E-08	1.24E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Humboldt	19091	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Humboldt	19091	R	Polycyclic Organic Matter	2.24E-03	2.24E-03	2.35E-03	1.10E-02	1.10E-02	1.96E-02	1.97E-02	1.97E-02	2.05E-08	1.09E-02	4.14E-05	5.15E-06	0.00E+00
Iowa	Humboldt	19091	R	7-PAH	1.46E-04	1.46E-04	1.57E-04	6.73E-04	6.70E-04	1.18E-03	1.19E-03	1.19E-03	4.18E-10	6.50E-04	1.84E-05	2.02E-06	0.00E+00
Iowa	Humboldt	19091	R	Propylene Dichloride	1.75E-06	1.75E-06	1.81E-06	2.86E-06	2.84E-06	3.87E-06	3.88E-06	3.88E-06	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	Quinoline	4.16E-09	4.16E-09	5.83E-09	3.29E-08	3.22E-08	5.86E-08	5.90E-08	5.90E-08	0.00E+00	3.22E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	1,1,2,2-Tetrachloroethane	1.42E-05	1.42E-05	1.48E-05	2.18E-05	2.15E-05	2.83E-05	2.84E-05	2.84E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Humboldt	19091	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.35E-02	8.34E-02	8.54E-02	8.54E-02	8.54E-02	0.00E+00	2.44E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Humboldt	19091	R	Vinyl Chloride	3.52E-05	3.52E-05	3.67E-05	5.46E-05	5.40E-05	7.13E-05	7.18E-05	7.18E-05	0.00E+00	5.40E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Ida	19093	R	Acetaldehyde	3.35E-02	3.35E-02	3.35E-02	5.40E-02	4.74E-02	5.48E-02	5.48E-02	5.48E-02	0.00E+00	5.66E-03	2.98E-02	1.20E-02	0.00E+00
Iowa	Ida	19093	R	Acrolein	4.75E-03	4.75E-03	4.75E-03	1.03E-02	8.45E-03	1.03E-02	1.03E-02	1.03E-02	0.00E+00	3.76E-03	3.61E-03	1.08E-03	0.00E+00
Iowa	Ida	19093	R	Acrylonitrile	1.91E-05	1.91E-05	1.91E-05	1.94E-05	1.96E-05	2.01E-05	2.01E-05	2.01E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Ida	19093	R	Arsenic Compounds	6.70E-07	6.70E-07	6.70E-07	2.35E-06	1.79E-06	2.35E-06	2.35E-06	2.35E-06	0.00E+00	1.76E-06	3.31E-08	2.59E-09	0.00E+00
Iowa	Ida	19093	R	Benzene	5.18E-01	5.18E-01	5.18E-01	5.57E-01	5.44E-01	5.57E-01	5.57E-01	5.57E-01	0.00E+00	1.07E-02	4.73E-02	5.92E-03	4.80E-01
Iowa	Ida	19093	R	Beryllium Compounds	1.79E-07	1.79E-07	1.79E-07	5.81E-07	4.48E-07	5.83E-07	5.83E-07	5.83E-07	0.00E+00	4.48E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Ida	19093	R	1,3-Butadiene	2.72E-03	2.72E-03	2.72E-03	7.71E-03	6.05E-03	7.72E-03	7.72E-03	7.72E-03	0.00E+00	1.96E-03	3.59E-03	5.04E-04	0.00E+00
Iowa	Ida	19093	R	Cadmium Compounds	8.06E-07	8.06E-07	8.06E-07	1.66E-06	1.39E-06	1.70E-06	1.70E-06	1.70E-06	0.00E+00	1.39E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Ida	19093	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
Iowa	Ida	19093	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	6.19E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Ida	19093	R	Chromium Compounds	2.08E-05	2.08E-05	2.08E-05	2.70E-05	2.56E-05	2.89E-05	2.89E-05	2.89E-05	0.00E+00	2.01E-05	2.20E-06	3.27E-06	0.00E+00
Iowa	Ida	19093	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
Iowa	Ida	19093	R	1,3-Dichloropropene	1.53E-03	1.53E-03	1.53E-03	3.72E-03	3.00E-03	3.75E-03	3.75E-03	3.75E-03	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Ida	19093	R	Diesel Particulate Matter	4.59E-01	4.59E-01	4.59E-01	5.93E-01	5.50E-01	5.97E-01	5.97E-01	5.97E-01	0.00E+00	0.00E+00	1.13E-01	4.37E-01	***
Iowa	Ida	19093	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	1.04E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Ida	19093	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	3.41E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Ida	19093	R	Ethylene Oxide	4.18E-05	4.18E-05	4.18E-05	1.48E-04	1.13E-04	1.48E-04	1.48E-04	1.48E-04	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Ida	19093	R	Formaldehyde	2.91E-01	2.91E-01	2.91E-01	3.31E-01	3.18E-01	3.32E-01	3.32E-01	3.32E-01	0.00E+00	2.06E-02	3.02E-02	1.75E-02	2.50E-01
Iowa	Ida	19093	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.16E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Ida	19093	R	Hydrazine	3.91E-11	3.91E-11	3.91E-11	9.13E-11	8.20E-11	1.16E-10	1.16E-10	1.16E-10	0.00E+00	8.20E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Ida	19093	R	Lead Compounds	1.32E-05	1.32E-05	1.32E-05	3.40E-05	2.73E-05	3.46E-05	3.46E-05	3.46E-05	0.00E+00	2.42E-05	3.05E-06	0.00E+00	0.00E+00
Iowa	Ida	19093	R	Manganese Compounds	2.13E-05	2.13E-05	2.13E-05	4.85E-05	3.95E-05	4.88E-05	4.88E-05	4.88E-05	0.00E+00	3.51E-05	8.80E-07	3.51E-06	0.00E+00
Iowa	Ida	19093	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	8.69E-06	2.93E-08	9.40E-07	1.50E-03
Iowa	Ida	19093	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.59E-01	1.57E-01	1.59E-01	1.59E-01	1.59E-01	0.00E+00	7.10E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Ida	19093	R	Nickel Compounds	1.23E-05	1.23E-05	1.23E-05	6.06E-05	4.45E-05	6.08E-05	6.08E-05	6.08E-05	0.00E+00	4.13E-05	1.70E-06	1.51E-06	0.00E+00
Iowa	Ida	19093	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	0.00E+00	1.97E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Ida	19093	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Ida	19093	R	Polycyclic Organic Matter	1.78E-03	1.78E-03	1.78E-03	4.67E-03	3.72E-03	4.70E-03	4.70E-03	4.70E-03	0.00E+00	3.70E-03	1.58E-05	1.77E-06	0.00E+00
Iowa	Ida	19093	R	7-PAH	1.36E-04	1.36E-04	1.36E-04	3.81E-04	3.00E-04	3.83E-04	3.83E-04	3.83E-04	0.00E+00	2.92E-04	7.01E-06	8.21E-07	0.00E+00
Iowa	Ida	19093	R	Propylene Dichloride	1.08E-06	1.08E-06	1.08E-06	1.08E-06	1.09E-06	1.12E-06	1.12E-06	1.12E-06	0.00E+00	1.09E-06	0.00E+00		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Iowa	19095	R	Acetaldehyde	3.47E-02	3.47E-02	4.35E-02	5.38E-02	5.41E-02	6.47E-02	7.42E-02	7.42E-02	3.03E-06	4.57E-03	3.74E-02	1.21E-02	0.00E+00
Iowa	Iowa	19095	R	Acrolein	4.98E-03	4.98E-03	6.20E-03	7.92E-03	8.13E-03	1.00E-02	1.17E-02	1.17E-02	1.54E-06	2.22E-03	4.38E-03	1.52E-03	0.00E+00
Iowa	Iowa	19095	R	Acrylonitrile	1.09E-04	1.09E-04	1.13E-04	1.17E-04	1.19E-04	1.25E-04	1.32E-04	1.32E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	Arsenic Compounds	1.02E-06	1.02E-06	2.16E-06	3.81E-06	3.83E-06	5.51E-06	6.70E-06	6.70E-06	2.25E-06	1.54E-06	3.11E-08	2.59E-09	0.00E+00
Iowa	Iowa	19095	R	Benzene	5.22E-01	5.22E-01	5.30E-01	5.40E-01	5.40E-01	5.49E-01	5.57E-01	5.57E-01	8.26E-06	5.14E-03	4.46E-02	9.84E-03	4.80E-01
Iowa	Iowa	19095	R	Beryllium Compounds	2.32E-07	2.32E-07	3.53E-07	5.07E-07	5.07E-07	6.62E-07	7.84E-07	7.84E-07	1.19E-07	3.89E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	1,3-Butadiene	2.70E-03	2.70E-03	2.95E-03	3.39E-03	3.47E-03	4.00E-03	4.42E-03	4.42E-03	0.00E+00	5.88E-04	2.44E-03	4.49E-04	0.00E+00
Iowa	Iowa	19095	R	Cadmium Compounds	9.49E-07	9.49E-07	1.52E-06	2.46E-06	2.50E-06	3.49E-06	4.15E-06	4.15E-06	2.95E-07	2.21E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	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	1.47E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Iowa	19095	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	8.77E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Iowa	19095	R	Chromium Compounds	6.84E-06	6.84E-06	5.44E-05	1.08E-04	1.07E-04	1.60E-04	2.06E-04	2.06E-04	4.37E-05	5.87E-05	2.02E-06	2.72E-06	0.00E+00
Iowa	Iowa	19095	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
Iowa	Iowa	19095	R	1,3-Dichloropropene	1.69E-03	1.69E-03	2.24E-03	2.84E-03	2.71E-03	3.18E-03	3.47E-03	3.47E-03	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	Diesel Particulate Matter	4.60E-01	4.60E-01	4.70E-01	4.88E-01	4.93E-01	5.16E-01	5.36E-01	5.36E-01	0.00E+00	0.00E+00	1.36E-01	3.57E-01	***
Iowa	Iowa	19095	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	7.35E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Iowa	19095	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	2.54E-07	1.46E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Iowa	19095	R	Ethylene Oxide	2.66E-05	2.66E-05	5.70E-05	9.73E-05	9.79E-05	1.39E-04	1.70E-04	1.70E-04	0.00E+00	9.79E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	Formaldehyde	2.91E-01	2.91E-01	3.00E-01	3.12E-01	3.13E-01	3.25E-01	3.36E-01	3.36E-01	3.89E-06	1.16E-02	3.31E-02	1.80E-02	2.50E-01
Iowa	Iowa	19095	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	1.11E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Iowa	19095	R	Hydrazine	5.14E-11	5.14E-11	1.15E-10	3.87E-10	3.92E-10	6.70E-10	7.44E-10	7.44E-10	0.00E+00	3.92E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	Lead Compounds	3.74E-05	3.74E-05	4.91E-05	6.66E-05	7.08E-05	9.25E-05	1.13E-04	1.13E-04	2.42E-06	2.37E-05	2.78E-06	4.19E-05	0.00E+00
Iowa	Iowa	19095	R	Manganese Compounds	3.08E-05	3.08E-05	7.65E-05	1.30E-04	1.24E-04	1.71E-04	2.03E-04	2.03E-04	6.93E-05	5.04E-05	7.98E-07	3.02E-06	0.00E+00
Iowa	Iowa	19095	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	7.47E-07	1.51E-05	2.72E-08	7.82E-07	1.50E-03
Iowa	Iowa	19095	R	Methylene Chloride	1.54E-01	1.54E-01	1.56E-01	1.60E-01	1.62E-01	1.68E-01	1.74E-01	1.74E-01	1.79E-03	1.03E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Iowa	19095	R	Nickel Compounds	2.58E-05	2.58E-05	6.25E-05	1.04E-04	1.11E-04	1.59E-04	2.10E-04	2.10E-04	2.79E-05	8.01E-05	1.57E-06	1.29E-06	0.00E+00
Iowa	Iowa	19095	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	2.59E-07	2.73E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Iowa	19095	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Iowa	19095	R	Polycyclic Organic Matter	1.91E-03	1.91E-03	2.55E-03	3.30E-03	3.23E-03	3.91E-03	4.40E-03	4.40E-03	1.23E-07	3.21E-03	1.47E-05	4.58E-06	0.00E+00
Iowa	Iowa	19095	R	7-PAH	1.35E-04	1.35E-04	1.77E-04	2.34E-04	2.34E-04	2.92E-04	3.34E-04	3.34E-04	2.42E-09	2.26E-04	6.54E-06	2.06E-06	0.00E+00
Iowa	Iowa	19095	R	Propylene Dichloride	6.51E-06	6.51E-06	6.73E-06	7.03E-06	7.14E-06	7.54E-06	7.98E-06	7.98E-06	0.00E+00	7.14E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	Quinoline	1.72E-09	1.72E-09	3.86E-09	1.03E-08	1.09E-08	1.79E-08	2.13E-08	2.13E-08	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	1,1,2,2-Tetrachloroethane	5.86E-05	5.86E-05	6.02E-05	6.22E-05	6.31E-05	6.60E-05	6.94E-05	6.94E-05	0.00E+00	6.31E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Iowa	19095	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.21E-02	8.26E-02	8.36E-02	8.48E-02	8.48E-02	7.15E-04	9.26E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Iowa	19095	R	Vinyl Chloride	1.44E-04	1.44E-04	1.48E-04	1.54E-04	1.56E-04	1.63E-04	1.72E-04	1.72E-04	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	Acetaldehyde	5.18E-02	5.18E-02	5.44E-02	6.15E-02	7.78E-02	1.16E-01	1.22E-01	1.22E-01	6.83E-06	1.17E-02	4.39E-02	2.22E-02	0.00E+00
Iowa	Jackson	19097	R	Acrolein	9.05E-03	9.05E-03	1.09E-02	1.25E-02	1.75E-02	2.94E-02	3.06E-02	3.06E-02	3.31E-04	9.36E-03	5.25E-03	2.57E-03	0.00E+00
Iowa	Jackson	19097	R	Acrylonitrile	3.01E-05	3.01E-05	3.93E-05	5.76E-05	6.38E-05	8.48E-05	1.14E-04	1.14E-04	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	Arsenic Compounds	5.20E-06	5.20E-06	5.65E-06	6.96E-06	1.00E-05	1.75E-05	1.77E-05	1.77E-05	4.86E-06	5.05E-06	8.48E-08	2.57E-09	0.00E+00
Iowa	Jackson	19097	R	Benzene	5.35E-01	5.35E-01	5.40E-01	5.59E-01	5.97E-01	6.87E-01	6.99E-01	6.99E-01	4.76E-04	2.72E-02	7.81E-02	1.08E-02	4.80E-01
Iowa	Jackson	19097	R	Beryllium Compounds	5.33E-07	5.33E-07	5.60E-07	7.33E-07	1.60E-06	3.51E-06	3.55E-06	3.55E-06	2.56E-07	1.35E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	1,3-Butadiene	3.79E-03	3.79E-03	4.41E-03	7.06E-03	1.23E-02	2.47E-02	2.65E-02	2.65E-02	3.90E-05	4.83E-03	6.62E-03	7.62E-04	0.00E+00
Iowa	Jackson	19097	R	Cadmium Compounds	2.05E-06	2.05E-06	2.07E-06	5.65E-06	5.68E-06	9.03E-06	9.64E-06	9.64E-06	6.38E-07	5.04E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	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	2.92E-05	2.80E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Jackson	19097	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	0.00E+00	2.00E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Jackson	19097	R	Chromium Compounds	1.26E-05	1.26E-05	1.38E-05	3.59E-05	3.64E-05	5.81E-05	6.21E-05	6.21E-05	1.15E-05	1.11E-05	5.46E-06	8.26E-06	0.00E+00
Iowa	Jackson	19097	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
Iowa	Jackson	19097	R	1,3-Dichloropropene	2.22E-03	2.22E-03	2.76E-03	3.78E-03	9.98E-03	2.35E-02	2.39E-02	2.39E-02	0.00E+00	9.98E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	Diesel Particulate Matter	6.59E-01	6.59E-01	6.69E-01	7.68E-01	7.92E-01	9.17E-01	9.74E-01	9.74E-01	0.00E+00	0.00E+00	2.30E-01	5.63E-01	***
Iowa	Jackson	19097	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	4.35E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Jackson	19097	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	9.90E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Jackson	19097	R	Ethylene Oxide	2.10E-04	2.10E-04	2.94E-04	3.66E-04	4.95E-04	8.44E-04	8.89E-04	8.89E-04	2.85E-07	4.94E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	Formaldehyde	3.18E-01	3.18E-01	3.24E-01	3.39E-01	3.81E-01	4.76E-01	4.91E-01	4.91E-01	9.48E-05	4.71E-02	4.83E-02	3.58E-02	2.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Jackson	19097	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	1.78E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Jackson	19097	R	Hydrazine	2.08E-10	2.08E-10	2.86E-10	5.45E-10	1.30E-09	1.84E-09	4.40E-09	4.40E-09	0.00E+00	1.30E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	Lead Compounds	3.06E-04	3.06E-04	3.44E-04	4.56E-04	4.48E-04	5.62E-04	5.62E-04	5.62E-04	5.22E-06	4.04E-04	7.65E-06	3.12E-05	0.00E+00
Iowa	Jackson	19097	R	Manganese Compounds	1.22E-04	1.22E-04	2.42E-04	2.84E-04	3.37E-04	5.42E-04	5.50E-04	5.50E-04	1.75E-05	3.09E-04	2.22E-06	8.73E-06	0.00E+00
Iowa	Jackson	19097	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.41E-06	2.45E-05	7.44E-08	2.38E-06	1.50E-03
Iowa	Jackson	19097	R	Methylene Chloride	1.56E-01	1.56E-01	1.66E-01	1.68E-01	1.82E-01	2.17E-01	2.17E-01	2.17E-01	4.75E-03	2.73E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Jackson	19097	R	Nickel Compounds	2.35E-05	2.35E-05	2.38E-05	5.13E-05	1.08E-04	2.46E-04	2.50E-04	2.50E-04	1.12E-05	8.85E-05	4.22E-06	3.70E-06	0.00E+00
Iowa	Jackson	19097	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.49E-01	1.62E-01	1.62E-01	1.62E-01	5.65E-07	9.46E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Jackson	19097	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	7.29E-13	0.00E+00	0.00E+00	3.80E-04
Iowa	Jackson	19097	R	Polycyclic Organic Matter	4.24E-03	4.24E-03	6.99E-03	8.78E-03	1.32E-02	2.49E-02	2.52E-02	2.52E-02	2.36E-06	1.31E-02	3.89E-05	3.96E-06	0.00E+00
Iowa	Jackson	19097	R	7-PAH	2.57E-04	2.57E-04	3.58E-04	4.37E-04	8.00E-04	1.64E-03	1.67E-03	1.67E-03	5.22E-09	7.82E-04	1.73E-05	1.63E-06	0.00E+00
Iowa	Jackson	19097	R	Propylene Dichloride	1.70E-06	1.70E-06	2.23E-06	3.33E-06	3.71E-06	5.06E-06	6.63E-06	6.63E-06	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	Quinoline	4.57E-09	4.57E-09	6.03E-09	1.33E-08	1.47E-08	1.75E-08	3.32E-08	3.32E-08	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	1,1,2,2-Tetrachloroethane	1.27E-05	1.27E-05	1.82E-05	2.74E-05	3.03E-05	4.07E-05	5.55E-05	5.55E-05	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Jackson	19097	R	Trichloroethylene	8.23E-02	8.23E-02	8.38E-02	8.44E-02	8.61E-02	9.09E-02	9.10E-02	9.10E-02	0.00E+00	5.13E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Jackson	19097	R	Vinyl Chloride	5.10E-05	5.10E-05	5.42E-05	9.56E-05	1.15E-04	1.89E-04	2.05E-04	2.05E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	Acetaldehyde	4.09E-02	4.09E-02	1.16E-01	1.39E-01	1.28E-01	1.58E-01	1.89E-01	1.89E-01	2.92E-06	1.52E-02	8.07E-02	3.24E-02	0.00E+00
Iowa	Jasper	19099	R	Acrolein	5.56E-03	5.56E-03	1.29E-02	1.76E-02	1.64E-02	2.02E-02	2.87E-02	2.87E-02	1.49E-06	3.39E-03	9.03E-03	4.02E-03	0.00E+00
Iowa	Jasper	19099	R	Acrylonitrile	5.52E-05	5.52E-05	1.22E-04	1.55E-04	1.40E-04	1.65E-04	2.13E-04	2.13E-04	7.11E-05	6.89E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	Arsenic Compounds	1.24E-06	1.24E-06	5.41E-06	7.47E-06	1.14E-05	1.72E-05	3.25E-05	3.25E-05	2.31E-06	8.96E-06	1.24E-07	8.82E-09	0.00E+00
Iowa	Jasper	19099	R	Benzene	5.22E-01	5.22E-01	5.73E-01	6.29E-01	6.33E-01	6.80E-01	8.32E-01	8.32E-01	1.92E-04	9.72E-03	1.25E-01	1.90E-02	4.80E-01
Iowa	Jasper	19099	R	Beryllium Compounds	2.71E-07	2.71E-07	6.73E-07	1.13E-06	2.41E-06	3.87E-06	7.84E-06	7.84E-06	1.22E-07	2.28E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	1,3-Butadiene	2.52E-03	2.52E-03	4.09E-03	6.35E-03	1.19E-02	1.78E-02	3.61E-02	3.61E-02	0.00E+00	8.71E-04	9.81E-03	1.17E-03	0.00E+00
Iowa	Jasper	19099	R	Cadmium Compounds	1.01E-06	1.01E-06	4.17E-06	7.33E-06	7.93E-06	9.95E-06	1.59E-05	1.59E-05	3.05E-07	7.63E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	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	1.30E-07	4.52E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Jasper	19099	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	7.58E-07	2.87E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Jasper	19099	R	Chromium Compounds	1.26E-05	1.26E-05	5.53E-05	6.68E-05	6.68E-05	8.88E-05	1.20E-04	1.20E-04	1.64E-05	3.14E-05	8.31E-06	1.08E-05	0.00E+00
Iowa	Jasper	19099	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
Iowa	Jasper	19099	R	1,3-Dichloropropene	2.25E-03	2.25E-03	4.23E-03	7.59E-03	1.81E-02	3.04E-02	6.23E-02	6.23E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	Diesel Particulate Matter	4.84E-01	4.84E-01	5.20E-01	5.72E-01	6.51E-01	7.40E-01	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.61E-01	4.90E-01	***
Iowa	Jasper	19099	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	3.98E-08	8.71E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Jasper	19099	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	8.85E-06	1.02E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Jasper	19099	R	Ethylene Oxide	4.51E-05	4.51E-05	1.25E-04	2.22E-04	3.07E-04	4.64E-04	9.01E-04	9.01E-04	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	Formaldehyde	2.97E-01	2.97E-01	3.66E-01	4.11E-01	4.01E-01	4.36E-01	5.30E-01	5.30E-01	2.18E-06	2.04E-02	7.93E-02	5.09E-02	2.50E-01
Iowa	Jasper	19099	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Jasper	19099	R	Hydrazine	7.26E-10	7.26E-10	1.22E-09	5.15E-09	2.25E-08	3.02E-08	1.01E-07	1.01E-07	0.00E+00	2.25E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	Lead Compounds	1.51E-05	1.51E-05	8.21E-05	1.24E-04	1.30E-04	1.91E-04	2.18E-04	2.18E-04	2.49E-06	7.55E-05	1.17E-05	4.03E-05	0.00E+00
Iowa	Jasper	19099	R	Manganese Compounds	4.06E-05	4.06E-05	8.91E-05	1.49E-04	3.03E-04	4.91E-04	9.89E-04	9.89E-04	2.84E-06	2.86E-04	3.36E-06	1.15E-05	0.00E+00
Iowa	Jasper	19099	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	8.10E-07	2.74E-05	1.12E-07	3.12E-06	1.50E-03
Iowa	Jasper	19099	R	Methylene Chloride	1.59E-01	1.59E-01	1.64E-01	1.77E-01	2.21E-01	2.59E-01	4.16E-01	4.16E-01	9.64E-04	7.05E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Jasper	19099	R	Nickel Compounds	3.30E-05	3.30E-05	6.83E-05	1.08E-04	2.94E-04	4.22E-04	1.08E-03	1.08E-03	3.37E-06	2.80E-04	6.39E-06	4.85E-06	0.00E+00
Iowa	Jasper	19099	R	Perchloroethylene	1.42E-01	1.42E-01	1.46E-01	1.51E-01	1.56E-01	1.65E-01	1.91E-01	1.91E-01	1.27E-04	1.59E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Jasper	19099	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Jasper	19099	R	Polycyclic Organic Matter	2.47E-03	2.47E-03	4.98E-03	8.60E-03	1.71E-02	2.79E-02	5.57E-02	5.57E-02	7.68E-05	1.70E-02	5.91E-05	6.86E-06	0.00E+00
Iowa	Jasper	19099	R	7-PAH	1.75E-04	1.75E-04	3.44E-04	5.63E-04	1.07E-03	1.73E-03	3.37E-03	3.37E-03	2.51E-09	1.04E-03	2.63E-05	3.00E-06	0.00E+00
Iowa	Jasper	19099	R	Propylene Dichloride	3.20E-06	3.20E-06	7.17E-06	9.45E-06	8.57E-06	9.83E-06	1.27E-05	1.27E-05	4.30E-06	4.27E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	Quinoline	5.52E-09	5.52E-09	1.40E-08	3.04E-08	7.09E-08	9.65E-08	2.71E-07	2.71E-07	0.00E+00	7.09E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	1,1,2,2-Tetrachloroethane	2.73E-05	2.73E-05	6.12E-05	7.62E-05	6.90E-05	7.78E-05	1.08E-04	1.08E-04	3.94E-05	2.95E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Jasper	19099	R	Trichloroethylene	8.15E-02	8.15E-02	8.34E-02	8.56E-02	8.63E-02	8.87E-02	9.68E-02	9.68E-02	7.61E-05	5.23E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Jasper	19099	R	Vinyl Chloride	9.23E-05	9.23E-05	1.93E-04	3.48E-04	4.71E-04	6.09E-04	1.41E-03	1.41E-03	9.71E-05	3.73E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	Acetaldehyde	2.42E-02	2.42E-02	2.52E-02	4.25E-02	4.22E-02	5.91E-02	5.95E-02	5.95E-02	1.15E-06	8.96E-03	2.23E-02	1.09E-02	0.00E+00
Iowa	Jefferson	19101	U	Acrolein	4.77E-03	4.77E-03	5.23E-03	1.26E-02	1.24E-02	1.96E-02	1.97E-02	1.97E-02	5.85E-07	8.06E-03	2.94E-03	1.41E-03	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Jefferson	19101	U	Acrylonitrile	1.56E-05	1.56E-05	1.67E-05	1.82E-05	1.78E-05	1.89E-05	1.91E-05	1.91E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	Arsenic Compounds	6.06E-07	6.06E-07	1.83E-06	7.37E-06	7.24E-06	1.27E-05	1.36E-05	1.36E-05	1.06E-06	6.10E-06	8.64E-08	3.93E-09	0.00E+00
Iowa	Jefferson	19101	U	Benzene	5.08E-01	5.08E-01	5.10E-01	5.81E-01	5.80E-01	6.50E-01	6.51E-01	6.51E-01	3.69E-06	2.17E-02	5.51E-02	2.32E-02	4.80E-01
Iowa	Jefferson	19101	U	Beryllium Compounds	1.63E-07	1.63E-07	2.49E-07	1.68E-06	1.66E-06	3.07E-06	3.13E-06	3.13E-06	5.52E-08	1.61E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	1,3-Butadiene	2.10E-03	2.10E-03	2.35E-03	1.34E-02	1.33E-02	2.43E-02	2.43E-02	2.43E-02	0.00E+00	4.65E-03	5.51E-03	3.15E-03	0.00E+00
Iowa	Jefferson	19101	U	Cadmium Compounds	5.70E-07	5.70E-07	7.41E-07	3.13E-06	3.11E-06	5.47E-06	5.59E-06	5.59E-06	1.36E-07	2.97E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	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	1.65E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Jefferson	19101	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.37E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Jefferson	19101	U	Chromium Compounds	3.79E-05	3.79E-05	4.06E-05	5.28E-05	5.15E-05	6.25E-05	6.27E-05	6.27E-05	2.81E-05	1.41E-05	5.42E-06	3.94E-06	0.00E+00
Iowa	Jefferson	19101	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
Iowa	Jefferson	19101	U	1,3-Dichloropropene	1.46E-03	1.46E-03	1.57E-03	1.23E-02	1.22E-02	2.29E-02	2.29E-02	2.29E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	Diesel Particulate Matter	4.08E-01	4.08E-01	4.24E-01	5.62E-01	5.54E-01	6.85E-01	6.86E-01	6.86E-01	0.00E+00	0.00E+00	1.35E-01	4.20E-01	***
Iowa	Jefferson	19101	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	2.54E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Jefferson	19101	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	1.13E-07	4.44E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Jefferson	19101	U	Ethylene Oxide	1.87E-05	1.87E-05	2.32E-05	1.48E-04	1.46E-04	2.68E-04	2.69E-04	2.69E-04	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	Formaldehyde	2.84E-01	2.84E-01	2.87E-01	3.40E-01	3.39E-01	3.91E-01	3.92E-01	3.92E-01	7.24E-07	4.05E-02	3.05E-02	1.82E-02	2.50E-01
Iowa	Jefferson	19101	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.68E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Jefferson	19101	U	Hydrazine	1.14E-10	1.14E-10	2.11E-10	8.79E-09	8.75E-09	1.73E-08	1.73E-08	1.73E-08	0.00E+00	8.75E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	Lead Compounds	9.52E-06	9.52E-06	1.70E-05	6.07E-05	5.76E-05	9.82E-05	9.93E-05	9.93E-05	1.11E-06	4.22E-05	7.67E-06	6.60E-06	0.00E+00
Iowa	Jefferson	19101	U	Manganese Compounds	8.99E-04	8.99E-04	1.18E-03	1.51E-03	1.37E-03	1.56E-03	1.57E-03	1.57E-03	1.20E-03	1.70E-04	2.24E-06	4.92E-06	0.00E+00
Iowa	Jefferson	19101	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	4.64E-07	8.26E-06	7.55E-08	1.03E-06	1.50E-03
Iowa	Jefferson	19101	U	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.77E-01	1.77E-01	2.01E-01	2.01E-01	2.01E-01	7.55E-07	2.72E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Jefferson	19101	U	Nickel Compounds	4.47E-05	4.47E-05	4.51E-05	1.77E-04	1.77E-04	3.10E-04	3.10E-04	3.10E-04	2.59E-05	1.45E-04	4.18E-06	2.37E-06	0.00E+00
Iowa	Jefferson	19101	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.57E-01	1.57E-01	1.73E-01	1.73E-01	1.73E-01	1.12E-07	1.72E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Jefferson	19101	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Jefferson	19101	U	Polycyclic Organic Matter	1.93E-03	1.93E-03	1.96E-03	1.20E-02	1.20E-02	2.21E-02	2.21E-02	2.21E-02	5.34E-08	1.20E-02	3.80E-05	6.29E-06	0.00E+00
Iowa	Jefferson	19101	U	7-PAH	1.61E-04	1.61E-04	1.68E-04	8.65E-04	8.62E-04	1.56E-03	1.56E-03	1.56E-03	1.09E-09	8.42E-04	1.69E-05	3.13E-06	0.00E+00
Iowa	Jefferson	19101	U	Propylene Dichloride	8.57E-07	8.57E-07	9.15E-07	1.10E-06	1.08E-06	1.24E-06	1.25E-06	1.25E-06	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	Quinoline	1.38E-09	1.38E-09	1.64E-09	2.35E-08	2.34E-08	4.52E-08	4.53E-08	4.53E-08	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	1,1,2,2-Tetrachloroethane	5.99E-06	5.99E-06	6.07E-06	6.48E-06	6.69E-06	7.30E-06	7.79E-06	7.79E-06	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jefferson	19101	U	Trichloroethylene	8.28E-02	8.28E-02	8.30E-02	8.76E-02	8.75E-02	9.20E-02	9.20E-02	9.20E-02	1.48E-03	5.01E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Jefferson	19101	U	Vinyl Chloride	1.61E-05	1.61E-05	1.63E-05	1.67E-05	1.72E-05	1.80E-05	1.93E-05	1.93E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	U	Acetaldehyde	1.22E-01	1.51E-01	1.93E-01	2.47E-01	2.42E-01	2.91E-01	3.36E-01	3.45E-01	1.60E-05	1.87E-02	1.57E-01	6.56E-02	0.00E+00
Iowa	Johnson	19103	U	Acrolein	1.92E-02	2.34E-02	3.07E-02	4.17E-02	4.08E-02	5.05E-02	5.87E-02	6.36E-02	1.65E-03	1.04E-02	1.79E-02	1.09E-02	0.00E+00
Iowa	Johnson	19103	U	Acrylonitrile	3.67E-03	4.11E-03	4.44E-03	4.65E-03	5.06E-03	5.93E-03	6.37E-03	6.48E-03	4.77E-03	2.88E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	U	Arsenic Compounds	1.52E-05	1.63E-05	2.39E-05	3.64E-05	4.29E-05	5.95E-05	7.65E-05	7.96E-05	1.21E-05	3.06E-05	1.49E-07	2.90E-08	0.00E+00
Iowa	Johnson	19103	U	Benzene	6.40E-01	6.66E-01	8.24E-01	1.01E+00	1.06E+00	1.19E+00	1.42E+00	1.57E+00	4.41E-05	4.12E-02	3.50E-01	1.84E-01	4.80E-01
Iowa	Johnson	19103	U	Beryllium Compounds	1.50E-06	1.69E-06	4.56E-06	8.01E-06	9.61E-06	1.33E-05	2.02E-05	2.03E-05	6.36E-07	8.98E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	U	1,3-Butadiene	1.01E-02	1.19E-02	3.06E-02	5.44E-02	5.76E-02	7.10E-02	1.07E-01	1.25E-01	1.87E-04	2.43E-03	3.44E-02	2.05E-02	0.00E+00
Iowa	Johnson	19103	U	Cadmium Compounds	1.39E-05	1.44E-05	1.76E-05	2.81E-05	3.25E-05	3.48E-05	7.19E-05	7.67E-05	1.59E-06	3.09E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	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	1.15E-04	0.00E+00	0.00E+00	8.80E-01
Iowa	Johnson	19103	U	Chloroform	8.33E-02	8.34E-02	8.35E-02	8.38E-02	8.39E-02	8.41E-02	8.48E-02	8.48E-02	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Johnson	19103	U	Chromium Compounds	2.40E-04	4.23E-04	4.83E-04	5.32E-04	5.75E-04	5.78E-04	6.42E-04	7.47E-04	2.84E-04	2.58E-04	9.95E-06	2.25E-05	0.00E+00
Iowa	Johnson	19103	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
Iowa	Johnson	19103	U	1,3-Dichloropropene	5.71E-03	7.27E-03	2.32E-02	5.03E-02	6.11E-02	7.58E-02	1.30E-01	1.61E-01	0.00E+00	6.11E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	U	Diesel Particulate Matter	6.76E-01	6.95E-01	8.06E-01	1.01E+00	1.16E+00	1.22E+00	2.19E+00	2.29E+00	0.00E+00	0.00E+00	2.79E-01	8.79E-01	***
Iowa	Johnson	19103	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	0.00E+00	1.55E-06	0.00E+00	0.00E+00	7.70E-03
Iowa	Johnson	19103	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02						

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Johnson	19103	U	Lead Compounds	2.46E-04	3.03E-04	3.64E-04	4.56E-04	5.71E-04	6.27E-04	1.17E-03	1.19E-03	1.29E-05	3.76E-04	1.40E-05	1.68E-04	0.00E+00
Iowa	Johnson	19103	U	Manganese Compounds	3.22E-04	6.85E-04	9.39E-04	1.42E-03	1.56E-03	1.89E-03	2.68E-03	3.18E-03	4.38E-04	1.09E-03	4.08E-06	2.68E-05	0.00E+00
Iowa	Johnson	19103	U	Mercury Compounds	1.61E-03	1.61E-03	1.63E-03	1.67E-03	1.72E-03	1.75E-03	2.11E-03	2.12E-03	3.76E-06	2.13E-04	1.34E-07	5.97E-06	1.50E-03
Iowa	Johnson	19103	U	Methylene Chloride	2.18E-01	2.23E-01	4.67E-01	8.07E-01	1.07E+00	1.13E+00	2.88E+00	3.19E+00	1.98E-02	8.96E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Johnson	19103	U	Nickel Compounds	2.04E-04	3.75E-04	5.25E-04	6.69E-04	7.53E-04	8.94E-04	1.43E-03	1.44E-03	1.85E-04	5.48E-04	7.67E-06	1.28E-05	0.00E+00
Iowa	Johnson	19103	U	Perchloroethylene	1.47E-01	1.49E-01	1.77E-01	2.13E-01	2.30E-01	2.91E-01	3.30E-01	3.32E-01	1.38E-06	9.05E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Johnson	19103	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Johnson	19103	U	Polycyclic Organic Matter	6.57E-03	8.37E-03	2.46E-02	4.76E-02	5.81E-02	7.24E-02	1.19E-01	1.46E-01	3.43E-06	5.80E-02	7.02E-05	7.39E-05	0.00E+00
Iowa	Johnson	19103	U	7-PAH	4.61E-04	5.90E-04	1.64E-03	2.94E-03	3.52E-03	4.43E-03	7.16E-03	8.72E-03	1.29E-08	3.45E-03	3.12E-05	3.68E-05	0.00E+00
Iowa	Johnson	19103	U	Propylene Dichloride	8.30E-06	8.66E-06	1.31E-05	1.93E-05	2.83E-05	2.63E-05	8.55E-05	8.95E-05	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	U	Quinoline	1.07E-07	1.35E-07	5.50E-07	1.20E-06	1.81E-06	1.73E-06	5.73E-06	6.32E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	U	1,1,2,2-Tetrachloroethane	5.39E-05	5.59E-05	6.04E-05	7.48E-05	1.05E-04	9.94E-05	2.90E-04	3.00E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Johnson	19103	U	Trichloroethylene	8.44E-02	8.55E-02	9.74E-02	1.11E-01	1.19E-01	1.37E-01	1.88E-01	2.01E-01	2.90E-03	3.52E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Johnson	19103	U	Vinyl Chloride	1.48E-04	1.54E-04	1.87E-04	2.31E-04	3.11E-04	2.96E-04	8.96E-04	9.04E-04	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	Acetaldehyde	5.26E-02	5.26E-02	5.73E-02	8.86E-02	8.11E-02	9.68E-02	1.03E-01	1.03E-01	4.32E-06	8.08E-03	4.98E-02	2.32E-02	0.00E+00
Iowa	Jones	19105	R	Acrolein	9.18E-03	9.18E-03	1.10E-02	1.82E-02	1.73E-02	1.95E-02	2.77E-02	2.77E-02	3.26E-03	5.46E-03	5.73E-03	2.85E-03	0.00E+00
Iowa	Jones	19105	R	Acrylonitrile	2.55E-03	2.55E-03	6.73E-03	7.84E-03	1.05E-02	1.89E-02	1.94E-02	1.94E-02	1.05E-02	4.60E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	Arsenic Compounds	2.73E-06	2.73E-06	3.95E-06	7.03E-06	6.86E-06	8.31E-06	1.21E-05	1.21E-05	3.28E-06	3.51E-06	7.46E-08	2.75E-09	0.00E+00
Iowa	Jones	19105	R	Benzene	5.32E-01	5.32E-01	5.38E-01	5.81E-01	5.77E-01	6.07E-01	6.25E-01	6.25E-01	1.22E-05	1.15E-02	7.47E-02	1.12E-02	4.80E-01
Iowa	Jones	19105	R	Beryllium Compounds	3.34E-07	3.34E-07	4.62E-07	1.14E-06	1.20E-06	1.57E-06	2.55E-06	2.55E-06	1.73E-07	1.03E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	1,3-Butadiene	3.44E-03	3.44E-03	3.93E-03	9.24E-03	9.44E-03	1.32E-02	1.75E-02	1.75E-02	5.74E-04	2.37E-03	5.65E-03	8.35E-04	0.00E+00
Iowa	Jones	19105	R	Cadmium Compounds	2.16E-06	2.16E-06	2.36E-06	3.93E-06	3.78E-06	4.05E-06	6.24E-06	6.24E-06	4.31E-07	3.35E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	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	2.83E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Jones	19105	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	2.03E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Jones	19105	R	Chromium Compounds	2.72E-05	2.72E-05	3.31E-05	5.89E-05	7.85E-05	1.34E-04	1.59E-04	1.59E-04	1.00E-05	5.42E-05	4.86E-06	9.43E-06	0.00E+00
Iowa	Jones	19105	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
Iowa	Jones	19105	R	1,3-Dichloropropene	2.15E-03	2.15E-03	2.95E-03	1.00E-02	9.83E-03	1.60E-02	1.78E-02	1.78E-02	0.00E+00	9.83E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	Diesel Particulate Matter	5.98E-01	5.98E-01	6.08E-01	7.25E-01	7.25E-01	8.45E-01	8.49E-01	8.49E-01	0.00E+00	0.00E+00	1.92E-01	5.33E-01	***
Iowa	Jones	19105	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	2.42E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Jones	19105	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	3.75E-07	5.42E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Jones	19105	R	Ethylene Oxide	4.81E-05	4.81E-05	1.39E-04	1.40E-04	1.85E-04	2.38E-04	4.06E-04	4.06E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	Formaldehyde	3.15E-01	3.15E-01	3.18E-01	3.68E-01	3.65E-01	4.01E-01	4.18E-01	4.18E-01	5.53E-04	2.68E-02	4.86E-02	3.89E-02	2.50E-01
Iowa	Jones	19105	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	2.28E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Jones	19105	R	Hydrazine	5.89E-11	5.89E-11	6.05E-11	6.96E-11	1.44E-10	1.48E-10	4.61E-10	4.61E-10	0.00E+00	1.44E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	Lead Compounds	4.91E-05	4.91E-05	6.05E-05	1.91E-04	1.55E-04	2.16E-04	2.22E-04	2.22E-04	3.52E-06	1.29E-04	6.82E-06	1.58E-05	0.00E+00
Iowa	Jones	19105	R	Manganese Compounds	4.45E-05	4.45E-05	5.84E-05	1.91E-04	1.80E-04	2.57E-04	3.40E-04	3.40E-04	1.68E-05	1.52E-04	1.98E-06	9.90E-06	0.00E+00
Iowa	Jones	19105	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	8.57E-07	1.86E-05	6.62E-08	2.72E-06	1.50E-03
Iowa	Jones	19105	R	Methylene Chloride	1.61E-01	1.61E-01	1.67E-01	1.81E-01	1.84E-01	1.86E-01	2.30E-01	2.30E-01	1.47E-02	1.97E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Jones	19105	R	Nickel Compounds	3.31E-05	3.31E-05	3.37E-05	5.92E-05	1.04E-04	1.51E-04	2.86E-04	2.86E-04	7.62E-06	8.81E-05	3.75E-06	4.18E-06	0.00E+00
Iowa	Jones	19105	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.47E-01	1.47E-01	1.50E-01	1.56E-01	1.56E-01	3.78E-07	7.01E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Jones	19105	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Jones	19105	R	Polycyclic Organic Matter	2.68E-03	2.68E-03	3.42E-03	9.55E-03	9.59E-03	1.45E-02	1.79E-02	1.79E-02	1.78E-07	9.55E-03	3.46E-05	3.74E-06	0.00E+00
Iowa	Jones	19105	R	7-PAH	2.19E-04	2.19E-04	2.64E-04	6.59E-04	6.80E-04	9.83E-04	1.30E-03	1.30E-03	3.53E-09	6.63E-04	1.53E-05	1.57E-06	0.00E+00
Iowa	Jones	19105	R	Propylene Dichloride	2.14E-06	2.14E-06	2.32E-06	2.55E-06	2.59E-06	2.94E-06	3.05E-06	3.05E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	Quinoline	1.23E-09	1.23E-09	1.31E-09	1.61E-09	3.46E-09	3.62E-09	1.14E-08	1.14E-08	0.00E+00	3.46E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	1,1,2,2-Tetrachloroethane	1.68E-05	1.68E-05	1.76E-05	2.12E-05	2.09E-05	2.40E-05	2.49E-05	2.49E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Jones	19105	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.22E-02	8.28E-02	8.74E-02	8.74E-02	8.74E-02	0.00E+00	1.84E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Jones	19105	R	Vinyl Chloride	4.15E-05	4.15E-05	4.49E-05	5.39E-05	5.25E-05	5.91E-05	6.16E-05	6.16E-05	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	Acetaldehyde	1.89E-02	1.89E-02	2.00E-02	2.44E-02	2.43E-02	2.86E-02	2.96E-02	2.96E-02	1.80E-06	2.70E-03	1.56E-02	6.05E-03	0.00E+00
Iowa	Keokuk	19107	R	Acrolein	3.35E-03	3.35E-03	3.50E-03	4.17E-03	4.33E-03	5.17E-03	5.64E-03	5.64E-03	9.16E-07	1.72E-03	1.97E-03	6.41E-04	0.00E+00
Iowa	Keokuk	19107	R	Acrylonitrile	4.07E-05	4.07E-05	4.46E-05	5.35E-05	5.47E-05	6.47E-05	7.10E-05	7.10E-05	0.00E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	Arsenic Compounds	5.56E-07	5.56E-07	1.41E-06	2.53E-06	2.11E-06	2.80E-06	2.82E-06	2.82E-06	1.49E-06	5.96E-07	2.28E-08	1.21E-09	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Keokuk	19107	R	Benzene	5.06E-01	5.06E-01	5.06E-01	5.10E-01	5.14E-01	5.21E-01	5.28E-01	5.28E-01	5.19E-06	4.09E-03	2.56E-02	3.83E-03	4.80E-01
Iowa	Keokuk	19107	R	Beryllium Compounds	1.51E-07	1.51E-07	1.86E-07	2.38E-07	2.51E-07	3.16E-07	3.78E-07	3.78E-07	7.78E-08	1.73E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	1,3-Butadiene	1.99E-03	1.99E-03	2.11E-03	2.25E-03	2.86E-03	3.60E-03	4.94E-03	4.94E-03	0.00E+00	5.90E-04	1.97E-03	2.95E-04	0.00E+00
Iowa	Keokuk	19107	R	Cadmium Compounds	6.03E-07	6.03E-07	6.19E-07	6.88E-07	7.31E-07	8.43E-07	9.44E-07	9.44E-07	1.91E-07	5.40E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	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	7.80E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Keokuk	19107	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.80E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Keokuk	19107	R	Chromium Compounds	1.25E-05	1.25E-05	1.81E-05	2.46E-05	2.39E-05	2.97E-05	3.38E-05	3.38E-05	2.56E-06	1.83E-05	1.41E-06	1.66E-06	0.00E+00
Iowa	Keokuk	19107	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
Iowa	Keokuk	19107	R	1,3-Dichloropropene	1.23E-03	1.23E-03	1.23E-03	1.28E-03	1.68E-03	2.12E-03	2.92E-03	2.92E-03	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	Diesel Particulate Matter	4.11E-01	4.11E-01	4.20E-01	4.37E-01	4.39E-01	4.58E-01	4.73E-01	4.73E-01	0.00E+00	0.00E+00	1.21E-01	3.18E-01	***
Iowa	Keokuk	19107	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	2.94E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Keokuk	19107	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	1.60E-07	6.63E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Keokuk	19107	R	Ethylene Oxide	1.20E-05	1.20E-05	1.32E-05	1.65E-05	1.74E-05	2.16E-05	2.47E-05	2.47E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	Formaldehyde	2.77E-01	2.77E-01	2.77E-01	2.82E-01	2.84E-01	2.91E-01	2.97E-01	2.97E-01	1.02E-06	8.59E-03	1.68E-02	9.01E-03	2.50E-01
Iowa	Keokuk	19107	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	8.94E-08	0.00E+00	0.00E+00	9.30E-05
Iowa	Keokuk	19107	R	Hydrazine	4.77E-13	4.77E-13	4.00E-12	1.50E-11	1.36E-11	2.33E-11	2.41E-11	2.41E-11	0.00E+00	1.36E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	Lead Compounds	1.33E-05	1.33E-05	1.64E-05	2.00E-05	1.98E-05	2.32E-05	2.59E-05	2.59E-05	1.57E-06	8.54E-06	1.95E-06	7.76E-06	0.00E+00
Iowa	Keokuk	19107	R	Manganese Compounds	2.32E-05	2.32E-05	2.59E-05	3.00E-05	3.42E-05	4.25E-05	5.35E-05	5.35E-05	1.81E-06	3.00E-05	5.65E-07	1.84E-06	0.00E+00
Iowa	Keokuk	19107	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	6.53E-07	3.75E-06	1.94E-08	4.73E-07	1.50E-03
Iowa	Keokuk	19107	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.54E-01	1.55E-01	1.56E-01	1.56E-01	1.09E-06	3.63E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Keokuk	19107	R	Nickel Compounds	1.33E-05	1.33E-05	1.51E-05	1.74E-05	1.77E-05	2.04E-05	2.28E-05	2.28E-05	2.28E-06	1.35E-05	1.10E-06	8.00E-07	0.00E+00
Iowa	Keokuk	19107	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.62E-07	1.63E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Keokuk	19107	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Keokuk	19107	R	Polycyclic Organic Matter	1.36E-03	1.36E-03	1.40E-03	1.55E-03	1.88E-03	2.36E-03	3.06E-03	3.06E-03	7.52E-08	1.87E-03	1.02E-05	1.29E-06	0.00E+00
Iowa	Keokuk	19107	R	7-PAH	1.02E-04	1.02E-04	1.10E-04	1.27E-04	1.47E-04	1.84E-04	2.33E-04	2.33E-04	1.53E-09	1.42E-04	4.54E-06	5.79E-07	0.00E+00
Iowa	Keokuk	19107	R	Propylene Dichloride	2.40E-06	2.40E-06	2.64E-06	3.17E-06	3.24E-06	3.83E-06	4.21E-06	4.21E-06	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	Quinoline	9.28E-12	9.28E-12	7.38E-11	2.15E-10	2.19E-10	3.65E-10	4.38E-10	4.38E-10	0.00E+00	2.19E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	1,1,2,2-Tetrachloroethane	2.15E-05	2.15E-05	2.36E-05	2.83E-05	2.90E-05	3.44E-05	3.78E-05	3.78E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Keokuk	19107	R	Trichloroethylene	8.13E-02	8.13E-02	8.19E-02	8.30E-02	8.31E-02	8.43E-02	8.52E-02	8.52E-02	1.75E-03	3.58E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Keokuk	19107	R	Vinyl Chloride	5.29E-05	5.29E-05	5.82E-05	6.98E-05	7.14E-05	8.46E-05	9.32E-05	9.32E-05	0.00E+00	7.14E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	Acetaldehyde	2.73E-02	2.73E-02	2.74E-02	3.65E-02	5.03E-02	8.69E-02	8.70E-02	8.70E-02	7.44E-08	6.75E-03	2.77E-02	1.58E-02	0.00E+00
Iowa	Kossuth	19109	R	Acrolein	3.19E-03	3.19E-03	4.62E-03	5.21E-03	8.84E-03	1.74E-02	1.74E-02	1.74E-02	3.79E-08	3.88E-03	3.49E-03	1.47E-03	0.00E+00
Iowa	Kossuth	19109	R	Acrylonitrile	3.79E-05	3.79E-05	4.48E-05	5.58E-05	5.61E-05	7.09E-05	7.14E-05	7.14E-05	8.31E-06	4.78E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	Arsenic Compounds	5.33E-07	5.33E-07	8.00E-07	8.83E-07	4.08E-06	1.07E-05	1.07E-05	1.07E-05	5.31E-08	3.96E-06	5.95E-08	3.32E-09	0.00E+00
Iowa	Kossuth	19109	R	Benzene	5.09E-01	5.09E-01	5.11E-01	5.27E-01	5.77E-01	6.94E-01	6.94E-01	6.94E-01	2.17E-05	2.75E-02	6.06E-02	8.67E-03	4.80E-01
Iowa	Kossuth	19109	R	Beryllium Compounds	1.43E-07	1.43E-07	1.72E-07	2.33E-07	1.08E-06	2.85E-06	2.86E-06	2.86E-06	2.84E-09	1.08E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	1,3-Butadiene	1.70E-03	1.70E-03	2.10E-03	3.45E-03	8.39E-03	1.98E-02	1.98E-02	1.98E-02	0.00E+00	1.91E-03	5.66E-03	8.16E-04	0.00E+00
Iowa	Kossuth	19109	R	Cadmium Compounds	5.52E-07	5.52E-07	7.91E-07	1.13E-06	2.30E-06	5.09E-06	5.09E-06	5.09E-06	7.16E-09	2.29E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	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	1.52E-08	1.44E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Kossuth	19109	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.86E-08	1.01E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Kossuth	19109	R	Chromium Compounds	5.76E-06	5.76E-06	6.95E-06	1.10E-05	1.48E-05	2.71E-05	2.71E-05	2.71E-05	3.56E-08	6.64E-06	3.89E-06	4.26E-06	0.00E+00
Iowa	Kossuth	19109	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
Iowa	Kossuth	19109	R	1,3-Dichloropropene	1.26E-03	1.26E-03	1.37E-03	2.14E-03	8.72E-03	2.27E-02	2.27E-02	2.27E-02	0.00E+00	8.72E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	Diesel Particulate Matter	4.91E-01	4.91E-01	4.94E-01	5.74E-01	1.39E+00	3.09E+00	3.09E+00	3.09E+00	0.00E+00	0.00E+00	1.36E-01	1.25E+00	***
Iowa	Kossuth	19109	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	4.65E-09	4.21E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Kossuth	19109	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-06	1.65E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Kossuth	19109	R	Ethylene Oxide	1.69E-05	1.69E-05	1.87E-05	2.78E-05	1.17E-04	3.06E-04	3.06E-04	3.06E-04	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	Formaldehyde	2.80E-01	2.80E-01	2.83E-01	2.93E-01	3.26E-01	4.03E-01	4.03E-01	4.03					

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Kossuth	19109	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.55E-08	8.21E-06	5.34E-08	1.21E-06	1.50E-03
Iowa	Kossuth	19109	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.54E-01	1.71E-01	2.08E-01	2.08E-01	2.08E-01	2.91E-05	2.13E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Kossuth	19109	R	Nickel Compounds	1.35E-05	1.35E-05	1.49E-05	2.13E-05	8.78E-05	2.28E-04	2.28E-04	2.28E-04	3.62E-08	8.28E-05	2.99E-06	2.00E-06	0.00E+00
Iowa	Kossuth	19109	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.48E-01	1.61E-01	1.61E-01	1.61E-01	1.48E-05	7.99E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Kossuth	19109	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Kossuth	19109	R	Polycyclic Organic Matter	1.59E-03	1.59E-03	2.41E-03	3.43E-03	1.03E-02	2.56E-02	2.56E-02	2.56E-02	2.96E-09	1.03E-02	2.75E-05	2.61E-06	0.00E+00
Iowa	Kossuth	19109	R	7-PAH	1.02E-04	1.02E-04	1.35E-04	1.61E-04	5.74E-04	1.44E-03	1.44E-03	1.44E-03	6.06E-11	5.61E-04	1.22E-05	1.18E-06	0.00E+00
Iowa	Kossuth	19109	R	Propylene Dichloride	2.20E-06	2.20E-06	2.24E-06	3.19E-06	3.32E-06	4.54E-06	4.57E-06	4.57E-06	5.03E-07	2.82E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	Quinoline	2.47E-09	2.47E-09	2.60E-09	3.33E-09	2.34E-08	6.44E-08	6.45E-08	6.45E-08	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	1,1,2,2-Tetrachloroethane	1.95E-05	1.95E-05	2.14E-05	2.82E-05	2.79E-05	3.49E-05	3.52E-05	3.52E-05	4.61E-06	2.33E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Kossuth	19109	R	Trichloroethylene	8.13E-02	8.13E-02	8.15E-02	8.21E-02	8.43E-02	8.96E-02	8.96E-02	8.96E-02	2.53E-04	3.10E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Kossuth	19109	R	Vinyl Chloride	4.81E-05	4.81E-05	6.37E-05	7.18E-05	7.20E-05	8.78E-05	8.85E-05	8.85E-05	1.13E-05	6.06E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	Acetaldehyde	5.47E-02	5.97E-02	6.92E-02	9.66E-02	9.67E-02	1.27E-01	1.32E-01	1.35E-01	2.98E-06	1.90E-02	5.45E-02	2.32E-02	0.00E+00
Iowa	Lee	19111	U	Acrolein	1.15E-02	1.24E-02	1.42E-02	2.45E-02	2.53E-02	3.63E-02	3.70E-02	3.83E-02	1.57E-06	1.54E-02	7.12E-03	2.82E-03	0.00E+00
Iowa	Lee	19111	U	Acrylonitrile	3.94E-05	4.19E-05	4.53E-05	6.82E-05	6.82E-05	8.86E-05	9.78E-05	1.08E-04	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	Arsenic Compounds	5.23E-06	6.11E-06	1.30E-05	2.70E-05	2.68E-05	3.83E-05	4.83E-05	4.85E-05	2.41E-06	2.42E-05	2.05E-07	1.11E-08	0.00E+00
Iowa	Lee	19111	U	Benzene	5.46E-01	5.46E-01	5.60E-01	6.81E-01	7.03E-01	8.21E-01	9.31E-01	9.39E-01	8.61E-06	6.06E-02	1.26E-01	3.65E-02	4.80E-01
Iowa	Lee	19111	U	Beryllium Compounds	4.45E-07	5.43E-07	8.18E-07	2.91E-06	3.42E-06	5.27E-06	7.90E-06	8.04E-06	1.39E-07	3.28E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	1,3-Butadiene	4.07E-03	4.96E-03	5.88E-03	2.09E-02	2.39E-02	4.10E-02	4.83E-02	4.90E-02	0.00E+00	7.31E-03	1.22E-02	4.38E-03	0.00E+00
Iowa	Lee	19111	U	Cadmium Compounds	2.39E-06	2.74E-06	4.36E-06	7.26E-06	7.89E-06	1.13E-05	1.40E-05	1.42E-05	3.73E-07	7.51E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	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	5.39E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Lee	19111	U	Chloroform	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	0.00E+00	2.44E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Lee	19111	U	Chromium Compounds	6.04E-04	6.61E-04	2.10E-03	3.60E-03	5.69E-03	1.02E-02	1.23E-02	1.32E-02	3.93E-03	1.74E-03	1.30E-05	7.59E-06	0.00E+00
Iowa	Lee	19111	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
Iowa	Lee	19111	U	1,3-Dichloropropene	2.96E-03	3.23E-03	4.25E-03	2.20E-02	2.54E-02	4.31E-02	5.77E-02	5.92E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	Diesel Particulate Matter	4.95E-01	5.05E-01	5.61E-01	6.70E-01	6.87E-01	8.17E-01	8.87E-01	9.11E-01	0.00E+00	0.00E+00	2.02E-01	4.85E-01	***
Iowa	Lee	19111	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-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Lee	19111	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	2.60E-07	2.86E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Lee	19111	U	Ethylene Oxide	4.60E-05	5.46E-05	8.63E-05	5.53E-04	6.80E-04	9.46E-04	1.88E-03	1.90E-03	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	Formaldehyde	3.33E-01	3.33E-01	3.49E-01	4.17E-01	4.28E-01	5.15E-01	5.20E-01	5.23E-01	8.91E-06	7.24E-02	7.01E-02	3.51E-02	2.50E-01
Iowa	Lee	19111	U	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	1.11E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Lee	19111	U	Hydrazine	3.31E-09	3.71E-09	3.48E-08	1.64E-07	1.51E-07	2.59E-07	2.97E-07	3.05E-07	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	Lead Compounds	3.40E-04	3.51E-04	4.75E-04	6.31E-04	8.66E-04	1.17E-03	1.31E-03	2.62E-03	2.59E-06	8.09E-04	1.83E-05	3.57E-05	0.00E+00
Iowa	Lee	19111	U	Manganese Compounds	2.16E-03	2.63E-03	2.99E-03	5.52E-03	6.81E-03	1.08E-02	1.17E-02	1.39E-02	3.96E-03	2.83E-03	5.35E-06	9.46E-06	0.00E+00
Iowa	Lee	19111	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	1.13E-06	2.59E-05	1.78E-07	1.98E-06	1.50E-03
Iowa	Lee	19111	U	Methylene Chloride	1.56E-01	1.57E-01	1.64E-01	1.93E-01	2.01E-01	2.30E-01	2.66E-01	2.68E-01	1.75E-06	5.09E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Lee	19111	U	Nickel Compounds	3.56E-04	4.02E-04	1.24E-03	2.25E-03	3.32E-03	5.87E-03	6.91E-03	7.67E-03	2.16E-03	1.15E-03	1.00E-05	4.58E-06	0.00E+00
Iowa	Lee	19111	U	Perchloroethylene	1.45E-01	1.45E-01	1.47E-01	1.80E-01	1.87E-01	2.19E-01	2.48E-01	2.50E-01	2.60E-07	4.67E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Lee	19111	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Lee	19111	U	Polycyclic Organic Matter	1.24E-02	1.25E-02	2.63E-02	4.91E-02	9.33E-02	1.73E-01	1.91E-01	2.13E-01	5.34E-02	3.99E-02	9.13E-05	1.07E-05	0.00E+00
Iowa	Lee	19111	U	7-PAH	3.60E-04	3.75E-04	5.12E-04	1.69E-03	1.91E-03	3.12E-03	3.86E-03	4.17E-03	3.31E-08	1.86E-03	4.06E-05	5.15E-06	0.00E+00
Iowa	Lee	19111	U	Propylene Dichloride	2.43E-06	2.66E-06	3.62E-06	7.75E-06	6.80E-06	9.28E-06	1.03E-05	1.10E-05	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	Quinoline	4.12E-08	4.40E-08	1.45E-07	4.70E-07	4.57E-07	7.80E-07	8.29E-07	8.30E-07	0.00E+00	4.57E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	1,1,2,2-Tetrachloroethane	1.38E-05	1.41E-05	1.64E-05	1.83E-05	2.27E-05	2.87E-05	3.04E-05	4.64E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Lee	19111	U	Trichloroethylene	8.70E-02	8.84E-02	1.01E-01	1.46E-01	1.43E-01	1.83E-01	1.94E-01	1.95E-01	0.00E+00	6.18E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Lee	19111	U	Vinyl Chloride	4.07E-05	4.19E-05	4.58E-05	6.29E-05	6.91E-05	9.12E-05	9.90E-05	1.23E-04	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	U	Acetaldehyde	1.51E-01	1.88E-01	2.60E-01	3.13E-01	2.94E-01	3.36E-01	3.78E-01	3.89E-01	3.15E-05	2.13E-02	2.14E-01	5.82E-02	0.00E+00
Iowa	Linn	19113	U	Acrolein	2.61E-02	2.92E-02	4.00E-02	5.06E-02	4.78E-02	5.49E-02	6.30E-02	6.41E-02	3.28E-03	1.17E-02	2.38E-0		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Linn	19113	U	1,3-Butadiene	1.24E-02	1.84E-02	3.36E-02	6.77E-02	6.26E-02	7.92E-02	1.07E-01	1.19E-01	6.56E-04	1.24E-02	3.81E-02	1.15E-02	0.00E+00
Iowa	Linn	19113	U	Cadmium Compounds	1.14E-05	1.44E-05	2.52E-05	4.13E-05	4.00E-05	5.29E-05	5.93E-05	7.15E-05	3.02E-06	3.70E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	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	9.66E-10	9.50E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Linn	19113	U	Chloroform	8.34E-02	8.35E-02	8.36E-02	8.37E-02	8.37E-02	8.38E-02	8.40E-02	8.42E-02	5.62E-09	7.44E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Linn	19113	U	Chromium Compounds	5.67E-04	7.16E-04	2.90E-03	5.24E-03	7.48E-03	1.04E-02	1.82E-02	2.06E-02	2.91E-04	7.16E-03	1.39E-05	1.95E-05	0.00E+00
Iowa	Linn	19113	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
Iowa	Linn	19113	U	1,3-Dichloropropene	5.89E-03	8.28E-03	2.29E-02	5.18E-02	4.86E-02	6.16E-02	8.02E-02	9.54E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	U	Diesel Particulate Matter	6.64E-01	7.15E-01	8.56E-01	1.02E+00	1.09E+00	1.29E+00	1.49E+00	1.85E+00	0.00E+00	0.00E+00	3.26E-01	7.61E-01	***
Iowa	Linn	19113	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	2.95E-10	1.23E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Linn	19113	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	2.52E-06	1.42E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Linn	19113	U	Ethylene Oxide	2.91E-04	4.67E-04	1.35E-03	2.38E-03	3.30E-03	4.99E-03	7.24E-03	8.85E-03	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	U	Formaldehyde	4.16E-01	4.56E-01	5.23E-01	6.25E-01	6.02E-01	6.53E-01	7.39E-01	7.72E-01	6.30E-04	4.43E-02	2.15E-01	9.15E-02	2.50E-01
Iowa	Linn	19113	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.31E-05	9.33E-05	9.41E-05	0.00E+00	2.21E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Linn	19113	U	Hydrazine	9.40E-10	1.50E-09	7.29E-09	1.47E-08	2.40E-08	3.29E-08	6.29E-08	7.18E-08	0.00E+00	2.40E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	U	Lead Compounds	2.66E-04	3.59E-04	5.46E-04	7.26E-04	7.57E-04	8.90E-04	1.13E-03	1.26E-03	2.49E-05	3.73E-04	1.96E-05	3.40E-04	0.00E+00
Iowa	Linn	19113	U	Manganese Compounds	3.12E-04	3.65E-04	1.48E-03	2.09E-03	2.05E-03	2.61E-03	3.58E-03	3.84E-03	6.06E-04	1.41E-03	5.73E-06	2.34E-05	0.00E+00
Iowa	Linn	19113	U	Mercury Compounds	1.57E-03	1.59E-03	1.62E-03	1.66E-03	1.65E-03	1.68E-03	1.71E-03	1.73E-03	7.94E-06	1.38E-04	1.86E-07	5.20E-06	1.50E-03
Iowa	Linn	19113	U	Methylene Chloride	1.91E-01	2.19E-01	2.43E-01	2.85E-01	2.98E-01	3.40E-01	3.90E-01	4.55E-01	2.55E-02	1.22E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Linn	19113	U	Nickel Compounds	5.08E-04	6.71E-04	2.74E-03	5.09E-03	7.40E-03	1.03E-02	1.84E-02	2.04E-02	1.92E-04	7.18E-03	1.08E-05	1.12E-05	0.00E+00
Iowa	Linn	19113	U	Perchloroethylene	1.47E-01	1.50E-01	1.69E-01	2.03E-01	2.05E-01	2.31E-01	2.60E-01	2.66E-01	3.51E-06	6.52E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Linn	19113	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Linn	19113	U	Polycyclic Organic Matter	6.88E-03	9.35E-03	2.32E-02	5.03E-02	4.65E-02	5.97E-02	7.43E-02	8.98E-02	1.20E-06	4.64E-02	9.83E-05	3.37E-05	0.00E+00
Iowa	Linn	19113	U	7-PAH	5.00E-04	6.83E-04	1.48E-03	3.06E-03	2.87E-03	3.60E-03	4.57E-03	5.42E-03	2.34E-08	2.81E-03	4.37E-05	1.51E-05	0.00E+00
Iowa	Linn	19113	U	Propylene Dichloride	4.30E-06	4.58E-06	4.98E-06	6.13E-06	6.32E-06	7.18E-06	8.70E-06	9.21E-06	3.19E-08	6.29E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	U	Quinoline	9.08E-09	2.73E-08	5.99E-08	8.01E-08	9.88E-08	1.29E-07	2.03E-07	2.31E-07	0.00E+00	9.88E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	U	1,1,2,2-Tetrachloroethane	3.06E-05	3.23E-05	3.32E-05	3.74E-05	4.18E-05	4.95E-05	5.60E-05	6.06E-05	2.93E-07	4.16E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Linn	19113	U	Trichloroethylene	8.31E-02	8.40E-02	9.04E-02	9.72E-02	1.06E-01	1.19E-01	1.34E-01	1.49E-01	5.61E-07	2.46E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Linn	19113	U	Vinyl Chloride	7.70E-05	8.13E-05	8.63E-05	9.50E-05	1.06E-04	1.26E-04	1.43E-04	1.52E-04	7.20E-07	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	Acetaldehyde	5.96E-02	5.96E-02	5.96E-02	6.72E-02	6.68E-02	7.37E-02	7.37E-02	7.37E-02	2.07E-05	6.62E-03	4.28E-02	1.74E-02	0.00E+00
Iowa	Louisa	19115	R	Acrolein	1.32E-02	1.32E-02	1.32E-02	1.42E-02	1.43E-02	1.55E-02	1.55E-02	1.55E-02	3.72E-03	3.62E-03	5.15E-03	1.81E-03	0.00E+00
Iowa	Louisa	19115	R	Acrylonitrile	7.43E-03	7.43E-03	7.43E-03	8.63E-03	9.96E-03	1.38E-02	1.38E-02	1.38E-02	9.81E-03	1.52E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	Arsenic Compounds	1.33E-05	1.33E-05	1.33E-05	1.96E-05	1.86E-05	2.28E-05	2.28E-05	2.28E-05	1.58E-05	2.69E-06	5.39E-08	2.86E-09	0.00E+00
Iowa	Louisa	19115	R	Benzene	5.50E-01	5.50E-01	5.50E-01	5.57E-01	5.55E-01	5.60E-01	5.60E-01	5.60E-01	5.65E-05	8.26E-03	5.53E-02	1.16E-02	4.80E-01
Iowa	Louisa	19115	R	Beryllium Compounds	9.73E-07	9.73E-07	9.73E-07	1.32E-06	1.26E-06	1.48E-06	1.48E-06	1.48E-06	8.29E-07	4.28E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	1,3-Butadiene	4.88E-03	4.88E-03	4.88E-03	6.23E-03	5.85E-03	6.45E-03	6.45E-03	6.45E-03	1.02E-03	9.05E-04	3.34E-03	5.94E-04	0.00E+00
Iowa	Louisa	19115	R	Cadmium Compounds	3.65E-06	3.65E-06	3.65E-06	4.59E-06	4.43E-06	5.04E-06	5.04E-06	5.04E-06	2.17E-06	2.25E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	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	2.89E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Louisa	19115	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.27E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Louisa	19115	R	Chromium Compounds	3.67E-05	3.67E-05	3.67E-05	4.59E-05	5.23E-05	7.43E-05	7.43E-05	7.43E-05	2.66E-05	1.76E-05	3.37E-06	4.63E-06	0.00E+00
Iowa	Louisa	19115	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
Iowa	Louisa	19115	R	1,3-Dichloropropene	2.90E-03	2.90E-03	2.90E-03	3.45E-03	3.53E-03	4.24E-03	4.24E-03	4.24E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	Diesel Particulate Matter	5.78E-01	5.78E-01	5.78E-01	6.43E-01	6.22E-01	6.45E-01	6.45E-01	6.45E-01	0.00E+00	0.00E+00	1.79E-01	4.43E-01	***
Iowa	Louisa	19115	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
Iowa	Louisa	19115	R	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	1.03E-04	1.90E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Louisa	19115	R	Ethylene Oxide	2.65E-05	2.65E-05	2.65E-05	3.30E-05	4.32E-05	7.01E-05	7.01E-05	7.01E-05	1.97E-06	4.12E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	Formaldehyde	3.27E-01	3.27E-01	3.27E-01	3.40E-01	3.36E-01	3.41E-01	3.41E-01	3.41E-01	1.74E-03	1.77E-02	4.08E-02	2.56E-02	2.50E-01
Iowa	Louisa	19115	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	1.09E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Louisa	19115	R	Hydrazine	1.72E-09	1.72E-09	1.72E-09	1.88E-09	2.45E-09	3.75E-09	3.75E-09	3.75E-09	0.00E+00	2.45E-09	0.00E+00	0.00E+00</	

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Louisa	19115	R	Nickel Compounds	5.39E-05	5.39E-05	5.39E-05	5.54E-05	7.09E-05	1.03E-04	1.03E-04	1.03E-04	2.22E-05	4.39E-05	2.63E-06	2.13E-06	0.00E+00
Iowa	Louisa	19115	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.45E-01	1.45E-01	1.45E-01	1.78E-06	4.03E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Louisa	19115	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	1.28E-07	0.00E+00	0.00E+00	3.80E-04
Iowa	Louisa	19115	R	Polycyclic Organic Matter	4.00E-03	4.00E-03	4.00E-03	5.18E-03	5.63E-03	7.71E-03	7.71E-03	7.71E-03	5.98E-05	5.54E-03	2.46E-05	4.74E-06	0.00E+00
Iowa	Louisa	19115	R	7-PAH	2.81E-04	2.81E-04	2.81E-04	3.22E-04	3.39E-04	4.13E-04	4.13E-04	4.13E-04	1.66E-08	3.26E-04	1.09E-05	2.25E-06	0.00E+00
Iowa	Louisa	19115	R	Propylene Dichloride	6.24E-06	6.24E-06	6.24E-06	8.75E-06	9.22E-06	1.27E-05	1.27E-05	1.27E-05	0.00E+00	9.22E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	Quinoline	4.09E-08	4.09E-08	4.09E-08	4.57E-08	5.27E-08	7.14E-08	7.14E-08	7.14E-08	0.00E+00	5.27E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	1,1,2,2-Tetrachloroethane	5.17E-05	5.17E-05	5.17E-05	7.47E-05	7.90E-05	1.11E-04	1.11E-04	1.11E-04	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Louisa	19115	R	Trichloroethylene	8.43E-02	8.43E-02	8.43E-02	8.52E-02	8.52E-02	8.60E-02	8.60E-02	8.60E-02	2.81E-03	1.34E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Louisa	19115	R	Vinyl Chloride	1.29E-04	1.29E-04	1.29E-04	1.86E-04	1.96E-04	2.74E-04	2.74E-04	2.74E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Acetaldehyde	2.81E-02	2.81E-02	2.86E-02	4.91E-02	4.90E-02	6.94E-02	6.96E-02	6.96E-02	1.61E-06	1.34E-02	2.26E-02	1.30E-02	0.00E+00
Iowa	Lucas	19117	R	Acrolein	7.36E-03	7.36E-03	7.45E-03	1.68E-02	1.68E-02	2.61E-02	2.61E-02	2.61E-02	8.20E-07	1.23E-02	2.85E-03	1.60E-03	0.00E+00
Iowa	Lucas	19117	R	Acrylonitrile	9.18E-06	9.18E-06	1.13E-05	1.38E-05	1.30E-05	1.47E-05	1.52E-05	1.52E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Arsenic Compounds	1.40E-06	1.40E-06	1.83E-06	4.38E-06	4.18E-06	6.52E-06	6.54E-06	6.54E-06	1.13E-06	2.98E-06	5.58E-08	3.15E-09	0.00E+00
Iowa	Lucas	19117	R	Benzene	5.13E-01	5.13E-01	5.13E-01	5.66E-01	5.66E-01	6.19E-01	6.19E-01	6.19E-01	4.21E-06	3.30E-02	4.65E-02	6.40E-03	4.80E-01
Iowa	Lucas	19117	R	Beryllium Compounds	2.05E-07	2.05E-07	2.45E-07	9.85E-07	9.65E-07	1.69E-06	1.69E-06	1.69E-06	5.98E-08	9.06E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	1,3-Butadiene	2.37E-03	2.37E-03	2.52E-03	1.19E-02	1.18E-02	2.11E-02	2.11E-02	2.11E-02	0.00E+00	7.03E-03	4.23E-03	5.38E-04	0.00E+00
Iowa	Lucas	19117	R	Cadmium Compounds	7.15E-07	7.15E-07	8.47E-07	2.06E-06	2.00E-06	3.15E-06	3.16E-06	3.16E-06	1.50E-07	1.85E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	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	1.35E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Lucas	19117	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.04E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Lucas	19117	R	Chromium Compounds	2.61E-05	2.61E-05	3.64E-05	4.75E-05	4.27E-05	4.89E-05	4.95E-05	4.95E-05	7.48E-07	3.27E-05	3.67E-06	5.56E-06	0.00E+00
Iowa	Lucas	19117	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
Iowa	Lucas	19117	R	1,3-Dichloropropene	1.51E-03	1.51E-03	1.66E-03	8.53E-03	8.46E-03	1.53E-02	1.53E-02	1.53E-02	0.00E+00	8.46E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Diesel Particulate Matter	4.07E-01	4.07E-01	4.13E-01	4.93E-01	4.91E-01	5.69E-01	5.69E-01	5.69E-01	0.00E+00	0.00E+00	1.24E-01	3.66E-01	***
Iowa	Lucas	19117	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	6.08E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Lucas	19117	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	4.50E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Lucas	19117	R	Ethylene Oxide	3.05E-05	3.05E-05	3.94E-05	2.36E-04	2.31E-04	4.23E-04	4.23E-04	4.23E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Formaldehyde	2.94E-01	2.94E-01	2.94E-01	3.60E-01	3.60E-01	4.27E-01	4.27E-01	4.27E-01	8.00E-07	6.21E-02	2.65E-02	2.16E-02	2.50E-01
Iowa	Lucas	19117	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Lucas	19117	R	Hydrazine	3.30E-11	3.30E-11	4.69E-11	6.31E-11	7.02E-11	9.35E-11	1.21E-10	1.21E-10	0.00E+00	7.02E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Lead Compounds	1.22E-05	1.22E-05	1.40E-05	5.47E-05	5.39E-05	9.38E-05	9.40E-05	9.40E-05	1.22E-06	4.75E-05	5.18E-06	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Manganese Compounds	4.54E-05	4.54E-05	5.33E-05	1.16E-04	1.13E-04	1.72E-04	1.72E-04	1.72E-04	1.40E-06	1.04E-04	1.50E-06	5.84E-06	0.00E+00
Iowa	Lucas	19117	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	2.69E-07	8.88E-06	5.02E-08	1.59E-06	1.50E-03
Iowa	Lucas	19117	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.71E-01	1.71E-01	1.88E-01	1.88E-01	1.88E-01	9.05E-07	2.07E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Lucas	19117	R	Nickel Compounds	2.93E-05	2.93E-05	3.81E-05	7.06E-05	6.64E-05	9.47E-05	9.52E-05	9.52E-05	7.73E-07	6.03E-05	2.82E-06	2.53E-06	0.00E+00
Iowa	Lucas	19117	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.46E-01	1.46E-01	1.51E-01	1.51E-01	1.51E-01	1.34E-07	6.05E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Lucas	19117	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Lucas	19117	R	Polycyclic Organic Matter	2.16E-03	2.16E-03	2.33E-03	9.56E-03	9.48E-03	1.66E-02	1.66E-02	1.66E-02	6.01E-08	9.45E-03	2.59E-05	2.02E-06	0.00E+00
Iowa	Lucas	19117	R	7-PAH	2.14E-04	2.14E-04	2.24E-04	8.05E-04	8.00E-04	1.37E-03	1.38E-03	1.38E-03	1.23E-09	7.87E-04	1.15E-05	8.86E-07	0.00E+00
Iowa	Lucas	19117	R	Propylene Dichloride	4.58E-07	4.58E-07	5.60E-07	6.83E-07	6.67E-07	7.74E-07	8.42E-07	8.42E-07	0.00E+00	6.67E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Quinoline	8.01E-10	8.01E-10	1.09E-09	1.40E-09	1.37E-09	1.66E-09	1.90E-09	1.90E-09	0.00E+00	1.37E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	1,1,2,2-Tetrachloroethane	3.22E-06	3.22E-06	3.88E-06	4.74E-06	4.86E-06	5.83E-06	6.73E-06	6.73E-06	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Lucas	19117	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.53E-02	8.53E-02	8.90E-02	8.90E-02	8.90E-02	0.00E+00	4.28E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Lucas	19117	R	Vinyl Chloride	7.97E-06	7.97E-06	9.62E-06	1.18E-05	1.20E-05	1.44E-05	1.67E-05	1.67E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	Acetaldehyde	3.80E-02	3.80E-02	3.80E-02	4.70E-02	4.51E-02	5.04E-02	5.04E-02	5.04E-02	0.00E+00	3.35E-03	2.91E-02	1.27E-02	0.00E+00
Iowa	Lyon	19119	R	Acrolein	5.96E-03	5.96E-03	5.96E-03	6.40E-03	6.48E-03	7.08E-03	7.08E-03	7.08E-03	0.00E+00	1.92E-03	3.45E-03	1.11E-03	0.00E+00
Iowa	Lyon	19119	R	Acrylonitrile	2.17E-05	2.17E-05	2.17E-05	2.34E-05	2.44E-05	2.81E-05	2.81E-05	2.81E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	Arsenic Compounds	8.41E-07	8.41E-07	8.41E-07	1.06E-06	1.11E-06	1.43E-06	1.43E-06	1.43E-06	0.00E+00	1.08E-06	3.41E-08		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Lyon	19119	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	1.71E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Lyon	19119	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	6.01E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Lyon	19119	R	Chromium Compounds	8.60E-06	8.60E-06	8.60E-06	1.08E-05	1.03E-05	1.14E-05	1.14E-05	1.14E-05	0.00E+00	5.63E-06	2.23E-06	2.43E-06	0.00E+00
Iowa	Lyon	19119	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
Iowa	Lyon	19119	R	1,3-Dichloropropene	2.07E-03	2.07E-03	2.07E-03	2.82E-03	2.81E-03	3.55E-03	3.55E-03	3.55E-03	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	Diesel Particulate Matter	4.30E-01	4.30E-01	4.30E-01	4.84E-01	4.68E-01	4.89E-01	4.89E-01	4.89E-01	0.00E+00	0.00E+00	9.83E-02	3.69E-01	***
Iowa	Lyon	19119	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	1.74E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Lyon	19119	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	7.86E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Lyon	19119	R	Ethylene Oxide	2.89E-05	2.89E-05	2.89E-05	5.49E-05	5.00E-05	6.62E-05	6.62E-05	6.62E-05	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	Formaldehyde	2.93E-01	2.93E-01	2.93E-01	3.03E-01	3.02E-01	3.08E-01	3.08E-01	3.08E-01	9.16E-07	5.89E-03	2.71E-02	1.86E-02	2.50E-01
Iowa	Lyon	19119	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.41E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Lyon	19119	R	Hydrazine	5.21E-11	5.21E-11	5.21E-11	2.23E-10	2.23E-10	3.94E-10	3.94E-10	3.94E-10	0.00E+00	2.23E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	Lead Compounds	2.06E-05	2.06E-05	2.06E-05	6.23E-05	5.07E-05	6.93E-05	6.93E-05	6.93E-05	0.00E+00	1.56E-05	3.05E-06	3.20E-05	0.00E+00
Iowa	Lyon	19119	R	Manganese Compounds	2.85E-05	2.85E-05	2.85E-05	4.43E-05	4.17E-05	5.24E-05	5.24E-05	5.24E-05	0.00E+00	3.81E-05	8.67E-07	2.71E-06	0.00E+00
Iowa	Lyon	19119	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	7.33E-06	3.01E-08	6.99E-07	1.50E-03
Iowa	Lyon	19119	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.55E-01	1.55E-01	1.57E-01	1.57E-01	1.57E-01	1.21E-04	5.20E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Lyon	19119	R	Nickel Compounds	1.83E-05	1.83E-05	1.83E-05	1.86E-05	2.07E-05	2.53E-05	2.53E-05	2.53E-05	0.00E+00	1.79E-05	1.72E-06	1.15E-06	0.00E+00
Iowa	Lyon	19119	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	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Lyon	19119	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Lyon	19119	R	Polycyclic Organic Matter	4.09E-03	4.09E-03	4.09E-03	4.12E-03	4.49E-03	5.27E-03	5.27E-03	5.27E-03	0.00E+00	4.47E-03	1.63E-05	2.20E-06	0.00E+00
Iowa	Lyon	19119	R	7-PAH	1.78E-04	1.78E-04	1.78E-04	2.14E-04	2.16E-04	2.58E-04	2.58E-04	2.58E-04	0.00E+00	2.08E-04	7.23E-06	8.83E-07	0.00E+00
Iowa	Lyon	19119	R	Propylene Dichloride	1.22E-06	1.22E-06	1.22E-06	1.25E-06	1.25E-06	1.27E-06	1.27E-06	1.27E-06	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	Quinoline	1.27E-09	1.27E-09	1.27E-09	4.33E-09	4.04E-09	6.51E-09	6.51E-09	6.51E-09	0.00E+00	4.04E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	1,1,2,2-Tetrachloroethane	9.06E-06	9.06E-06	9.06E-06	9.21E-06	9.73E-06	1.09E-05	1.09E-05	1.09E-05	0.00E+00	9.73E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Lyon	19119	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.16E-02	8.17E-02	8.19E-02	8.19E-02	8.19E-02	0.00E+00	6.50E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Lyon	19119	R	Vinyl Chloride	3.14E-05	3.14E-05	3.14E-05	3.76E-05	3.93E-05	4.90E-05	4.90E-05	4.90E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	Acetaldehyde	4.29E-02	4.29E-02	4.29E-02	7.78E-02	7.88E-02	1.16E-01	1.16E-01	1.16E-01	0.00E+00	1.40E-02	4.31E-02	2.16E-02	0.00E+00
Iowa	Madison	19121	R	Acrolein	8.27E-03	8.27E-03	8.27E-03	1.16E-02	1.85E-02	3.57E-02	3.57E-02	3.57E-02	0.00E+00	1.08E-02	5.03E-03	2.69E-03	0.00E+00
Iowa	Madison	19121	R	Acrylonitrile	5.26E-05	5.26E-05	5.26E-05	6.97E-05	7.44E-05	1.01E-04	1.01E-04	1.01E-04	1.17E-05	6.27E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	Arsenic Compounds	9.51E-07	9.51E-07	9.51E-07	1.58E-06	3.43E-06	7.76E-06	7.76E-06	7.76E-06	0.00E+00	3.37E-06	5.68E-08	3.18E-09	0.00E+00
Iowa	Madison	19121	R	Benzene	5.25E-01	5.25E-01	5.25E-01	5.48E-01	5.80E-01	6.67E-01	6.67E-01	6.67E-01	3.03E-05	2.67E-02	6.27E-02	1.05E-02	4.80E-01
Iowa	Madison	19121	R	Beryllium Compounds	2.79E-07	2.79E-07	2.79E-07	4.72E-07	9.78E-07	2.18E-06	2.18E-06	2.18E-06	0.00E+00	9.78E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	1,3-Butadiene	2.99E-03	2.99E-03	2.99E-03	3.63E-03	1.13E-02	2.72E-02	2.72E-02	2.72E-02	0.00E+00	6.14E-03	4.47E-03	6.63E-04	0.00E+00
Iowa	Madison	19121	R	Cadmium Compounds	7.95E-07	7.95E-07	7.95E-07	1.33E-06	2.04E-06	4.01E-06	4.01E-06	4.01E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	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	2.15E-08	1.91E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Madison	19121	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	1.25E-07	1.39E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Madison	19121	R	Chromium Compounds	3.55E-05	3.55E-05	3.55E-05	4.53E-05	4.71E-05	6.05E-05	6.05E-05	6.05E-05	6.59E-06	3.02E-05	3.77E-06	6.52E-06	0.00E+00
Iowa	Madison	19121	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
Iowa	Madison	19121	R	1,3-Dichloropropene	2.52E-03	2.52E-03	2.52E-03	4.06E-03	8.15E-03	1.79E-02	1.79E-02	1.79E-02	0.00E+00	8.15E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	Diesel Particulate Matter	4.46E-01	4.46E-01	4.46E-01	4.88E-01	5.56E-01	7.35E-01	7.35E-01	7.35E-01	0.00E+00	0.00E+00	1.27E-01	4.30E-01	***
Iowa	Madison	19121	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	6.56E-09	3.53E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Madison	19121	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	1.42E-06	7.41E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Madison	19121	R	Ethylene Oxide	4.54E-05	4.54E-05	4.54E-05	7.70E-05	2.09E-04	5.05E-04	5.05E-04	5.05E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	Formaldehyde	3.08E-01	3.08E-01	3.08E-01	3.42E-01	3.85E-01	5.05E-01	5.05E-01	5.05E-01	0.00E+00	5.71E-02	4.26E-02	3.51E-02	2.50E-01
Iowa	Madison	19121	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	2.12E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Madison	19121	R	Hydrazine	9.71E-11	9.71E-11	9.71E-11	1.33E-10	1.37E-10	1.81E-10	1.81E-10	1.81E-10	0.00E+00	1.37E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	Lead Compounds	5.83E-05	5.83E-05	5.83E-05	1.99E-04	1.53E-04	2.01E-04	2.01E-04	2.01E-04	0.00E+00	4.30E-05	5.28E-06	1.05E-04	0.00E+00
Iowa	Madison	19121	R	Manganese Compounds	6.22E-05	6.22E-05	6.22E-05	9.02E-05	1.34E-04	2.51E-04	2.51E-04	2.51E-04	0.00E+00	1.26E-04	1.52E-06	6.90E-06	0.00E+00
Iowa	Madison	19121	R	Mercury Compounds	1.												

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Madison	19121	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Madison	19121	R	Polycyclic Organic Matter	3.10E-03	3.10E-03	3.10E-03	4.76E-03	9.26E-03	1.99E-02	1.99E-02	1.99E-02	3.63E-05	9.19E-03	2.69E-05	4.25E-06	0.00E+00
Iowa	Madison	19121	R	7-PAH	2.62E-04	2.62E-04	2.62E-04	3.56E-04	7.83E-04	1.73E-03	1.73E-03	1.73E-03	0.00E+00	7.70E-04	1.19E-05	1.40E-06	0.00E+00
Iowa	Madison	19121	R	Propylene Dichloride	3.08E-06	3.08E-06	3.08E-06	4.08E-06	4.36E-06	5.93E-06	5.93E-06	5.93E-06	7.10E-07	3.65E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	Quinoline	2.71E-09	2.71E-09	2.71E-09	4.01E-09	3.86E-09	4.86E-09	4.86E-09	4.86E-09	0.00E+00	3.86E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	1,1,2,2-Tetrachloroethane	2.68E-05	2.68E-05	2.68E-05	3.53E-05	3.80E-05	5.20E-05	5.20E-05	5.20E-05	6.51E-06	3.15E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Madison	19121	R	Trichloroethylene	8.17E-02	8.17E-02	8.17E-02	8.27E-02	8.39E-02	8.75E-02	8.75E-02	8.75E-02	1.25E-05	2.94E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Madison	19121	R	Vinyl Chloride	6.61E-05	6.61E-05	6.61E-05	8.71E-05	9.38E-05	1.28E-04	1.28E-04	1.28E-04	1.60E-05	7.78E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	Acetaldehyde	2.71E-02	2.71E-02	2.99E-02	7.42E-02	5.99E-02	8.38E-02	9.70E-02	9.70E-02	7.36E-06	8.48E-03	3.06E-02	2.08E-02	0.00E+00
Iowa	Mahaska	19123	R	Acrolein	5.05E-03	5.05E-03	5.21E-03	1.74E-02	1.37E-02	2.04E-02	2.33E-02	2.33E-02	3.75E-06	6.84E-03	3.97E-03	2.84E-03	0.00E+00
Iowa	Mahaska	19123	R	Acrylonitrile	4.72E-05	4.72E-05	4.84E-05	8.72E-05	7.47E-05	9.26E-05	1.04E-04	1.04E-04	0.00E+00	7.47E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	Arsenic Compounds	5.43E-06	5.43E-06	6.18E-06	1.48E-05	1.37E-05	1.81E-05	2.56E-05	2.56E-05	5.79E-06	7.81E-06	1.22E-07	7.46E-09	0.00E+00
Iowa	Mahaska	19123	R	Benzene	5.13E-01	5.13E-01	5.14E-01	6.27E-01	6.03E-01	6.70E-01	7.25E-01	7.25E-01	2.01E-05	2.30E-02	8.96E-02	1.05E-02	4.80E-01
Iowa	Mahaska	19123	R	Beryllium Compounds	4.60E-07	4.60E-07	5.39E-07	2.70E-06	2.49E-06	3.85E-06	5.57E-06	5.57E-06	3.02E-07	2.19E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	1,3-Butadiene	2.40E-03	2.40E-03	2.79E-03	1.85E-02	1.41E-02	2.29E-02	2.92E-02	2.92E-02	0.00E+00	3.50E-03	9.65E-03	9.93E-04	0.00E+00
Iowa	Mahaska	19123	R	Cadmium Compounds	1.43E-06	1.43E-06	1.63E-06	5.16E-06	4.77E-06	6.80E-06	1.00E-05	1.00E-05	7.42E-07	4.03E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	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	1.95E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Mahaska	19123	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	0.00E+00	1.89E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Mahaska	19123	R	Chromium Compounds	9.89E-06	9.89E-06	2.24E-05	4.77E-05	4.07E-05	5.58E-05	6.88E-05	6.88E-05	3.75E-06	1.93E-05	7.67E-06	9.96E-06	0.00E+00
Iowa	Mahaska	19123	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
Iowa	Mahaska	19123	R	1,3-Dichloropropene	1.65E-03	1.65E-03	1.91E-03	2.15E-02	1.86E-02	3.05E-02	4.32E-02	4.32E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	Diesel Particulate Matter	4.28E-01	4.28E-01	4.29E-01	7.33E-01	6.56E-01	8.04E-01	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.50E-01	5.06E-01	***
Iowa	Mahaska	19123	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	3.97E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Mahaska	19123	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	6.17E-07	1.32E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Mahaska	19123	R	Ethylene Oxide	2.55E-05	2.55E-05	3.91E-05	2.21E-04	2.27E-04	4.05E-04	5.00E-04	5.00E-04	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	Formaldehyde	2.89E-01	2.89E-01	2.89E-01	3.99E-01	3.66E-01	4.28E-01	4.60E-01	4.60E-01	3.92E-06	3.24E-02	4.70E-02	3.63E-02	2.50E-01
Iowa	Mahaska	19123	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.32E-05	9.34E-05	9.35E-05	9.35E-05	0.00E+00	2.49E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Mahaska	19123	R	Hydrazine	3.19E-11	3.19E-11	7.20E-11	8.12E-11	9.98E-11	1.35E-10	1.52E-10	1.52E-10	0.00E+00	8.98E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	Lead Compounds	2.53E-05	2.53E-05	3.66E-05	9.99E-05	9.66E-05	1.45E-04	1.88E-04	1.88E-04	6.08E-06	6.36E-05	1.09E-05	1.60E-05	0.00E+00
Iowa	Mahaska	19123	R	Manganese Compounds	3.86E-05	3.86E-05	5.55E-05	3.27E-04	2.80E-04	4.41E-04	6.14E-04	6.14E-04	7.02E-06	2.60E-04	3.18E-06	1.04E-05	0.00E+00
Iowa	Mahaska	19123	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	2.25E-06	1.37E-05	1.07E-07	2.83E-06	1.50E-03
Iowa	Mahaska	19123	R	Methylene Chloride	1.53E-01	1.53E-01	1.55E-01	1.95E-01	1.94E-01	2.17E-01	2.69E-01	2.69E-01	9.68E-04	4.29E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Mahaska	19123	R	Nickel Compounds	2.07E-05	2.07E-05	3.30E-05	1.70E-04	1.66E-04	2.44E-04	4.73E-04	4.73E-04	3.7E-06	1.52E-04	5.90E-06	4.58E-06	0.00E+00
Iowa	Mahaska	19123	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.64E-01	1.62E-01	1.74E-01	1.94E-01	1.94E-01	6.35E-07	2.16E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Mahaska	19123	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Mahaska	19123	R	Polycyclic Organic Matter	1.97E-03	1.97E-03	2.16E-03	2.01E-02	1.71E-02	2.77E-02	3.85E-02	3.85E-02	2.90E-07	1.71E-02	5.37E-05	3.38E-06	0.00E+00
Iowa	Mahaska	19123	R	7-PAH	1.65E-04	1.65E-04	1.67E-04	1.36E-03	1.10E-03	1.76E-03	2.36E-03	2.36E-03	5.89E-09	1.08E-03	2.39E-05	1.37E-06	0.00E+00
Iowa	Mahaska	19123	R	Propylene Dichloride	2.76E-06	2.76E-06	2.81E-06	5.08E-06	4.36E-06	5.39E-06	6.06E-06	6.06E-06	0.00E+00	4.36E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	Quinoline	5.39E-10	5.39E-10	1.03E-09	1.13E-09	1.32E-09	1.77E-09	2.59E-09	2.59E-09	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	1,1,2,2-Tetrachloroethane	2.41E-05	2.41E-05	2.46E-05	4.46E-05	3.82E-05	4.74E-05	5.33E-05	5.33E-05	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Mahaska	19123	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.68E-02	8.70E-02	9.01E-02	9.84E-02	9.84E-02	0.00E+00	5.95E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Mahaska	19123	R	Vinyl Chloride	5.99E-05	5.99E-05	6.09E-05	1.11E-04	9.56E-05	1.17E-04	1.32E-04	1.32E-04	0.00E+00	9.56E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Acetaldehyde	3.44E-02	3.44E-02	5.28E-02	6.12E-02	7.28E-02	1.05E-01	1.05E-01	1.05E-01	4.47E-06	1.30E-02	4.33E-02	1.65E-02	0.00E+00
Iowa	Marion	19125	U	Acrolein	6.80E-03	6.80E-03	9.01E-03	1.54E-02	1.79E-02	3.32E-02	3.33E-02	3.33E-02	2.27E-06	1.04E-02	5.31E-03	2.11E-03	0.00E+00
Iowa	Marion	19125	U	Acrylonitrile	7.00E-05	7.00E-05	7.07E-05	1.05E-04	9.93E-05	1.27E-04	1.28E-04	1.28E-04	9.15E-06	9.02E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Arsenic Compounds	2.41E-06	2.41E-06	5.37E-06	2.16E-05	1.88E-05	3.72E-05	3.75E-05	3.75E-05	3.43E-06	1.53E-05	1.30E-07	7.06E-09	0.00E+00
Iowa	Marion	19125	U	Benzene	5.20E-01	5.20E-01	5.32E-01	6.43E-01	6.36E-01	7.76E-01	7.76E-01	7.76E-01	3.57E-05	3.30E-02	9.33E-02	2.93E-02	4.80E-01
Iowa	Marion	19125	U	Beryllium Compounds	3.49E-07	3.49E-07	4.97E-07	4.19E-06	3.67E-06	7.80E-06	7.81E-06	7.81E-06	1.79E-07	3.49E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	1,3-Butadiene	3.09E-03	3.09E-03	3.59E-03	2.00E-02	1.91E-02	4.15E-02	4.15E-02	4.15E-02	0.00E+00	6.56E-03	8.93E-03	3.63E-03	0.00E+00
Iowa	Marion	19125	U	Cadmium Compounds	2.98E-06	2.98E-06	3.16E-06	8.94E-06	8.84E-06	1.71E-05	1.71E-05	1.71E-05	4.42E-07	8.40E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	1.68E-08	2.57E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Marion	19125	U	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	9.76E-08	2.05E-04	0.00E+00	0.00E+00	8.30E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Marion	19125	U	Chromium Compounds	1.48E-05	1.48E-05	1.80E-05	3.28E-05	3.22E-05	5.35E-05	5.38E-05	5.38E-05	2.23E-06	1.59E-05	8.56E-06	5.52E-06	0.00E+00
Iowa	Marion	19125	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
Iowa	Marion	19125	U	1,3-Dichloropropene	2.07E-03	2.07E-03	2.74E-03	2.73E-02	1.99E-02	3.76E-02	3.76E-02	3.76E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Diesel Particulate Matter	4.50E-01	4.50E-01	4.75E-01	6.99E-01	6.96E-01	1.03E+00	1.03E+00	1.03E+00	0.00E+00	0.00E+00	1.52E-01	5.44E-01	***
Iowa	Marion	19125	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	5.12E-09	4.96E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Marion	19125	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	1.48E-06	1.53E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Marion	19125	U	Ethylene Oxide	4.73E-05	4.73E-05	6.56E-05	1.47E-03	1.51E-03	3.67E-03	3.67E-03	3.67E-03	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Formaldehyde	2.99E-01	2.99E-01	3.18E-01	3.66E-01	3.84E-01	4.95E-01	4.95E-01	4.95E-01	2.33E-06	5.45E-02	5.31E-02	2.64E-02	2.50E-01
Iowa	Marion	19125	U	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	2.23E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Marion	19125	U	Hydrazine	1.49E-10	1.49E-10	1.58E-10	1.92E-10	2.18E-10	2.96E-10	3.81E-10	3.81E-10	0.00E+00	2.18E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Lead Compounds	4.59E-05	4.59E-05	1.31E-04	1.46E-04	1.76E-04	2.78E-04	2.79E-04	2.79E-04	3.62E-06	1.25E-04	1.21E-05	3.52E-05	0.00E+00
Iowa	Marion	19125	U	Manganese Compounds	4.62E-05	4.62E-05	5.97E-05	4.09E-04	3.24E-04	6.29E-04	6.29E-04	6.29E-04	4.17E-06	3.10E-04	3.53E-06	6.99E-06	0.00E+00
Iowa	Marion	19125	U	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.56E-03	1.56E-03	1.00E-06	3.60E-05	1.17E-07	1.44E-06	1.50E-03
Iowa	Marion	19125	U	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	2.27E-01	2.11E-01	2.70E-01	2.70E-01	2.70E-01	5.94E-03	5.49E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Marion	19125	U	Nickel Compounds	2.12E-05	2.12E-05	2.27E-05	4.03E-04	3.80E-04	8.74E-04	8.74E-04	8.74E-04	2.41E-06	3.67E-04	6.58E-06	3.38E-06	0.00E+00
Iowa	Marion	19125	U	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.99E-01	1.83E-01	2.23E-01	2.23E-01	2.23E-01	1.67E-05	4.27E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Marion	19125	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Marion	19125	U	Polycyclic Organic Matter	2.51E-03	2.51E-03	3.35E-03	2.53E-02	2.03E-02	3.99E-02	3.99E-02	3.99E-02	2.19E-05	2.02E-02	6.01E-05	8.41E-06	0.00E+00
Iowa	Marion	19125	U	7-PAH	2.13E-04	2.13E-04	2.70E-04	1.58E-03	1.36E-03	2.74E-03	2.74E-03	2.74E-03	3.53E-09	1.33E-03	2.67E-05	4.03E-06	0.00E+00
Iowa	Marion	19125	U	Propylene Dichloride	4.10E-06	4.10E-06	4.14E-06	6.15E-06	5.81E-06	7.41E-06	7.47E-06	7.47E-06	5.54E-07	5.26E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Quinoline	3.24E-09	3.24E-09	3.25E-09	3.48E-09	3.96E-09	3.98E-09	6.94E-09	6.94E-09	0.00E+00	3.96E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	1,1,2,2-Tetrachloroethane	3.58E-05	3.58E-05	3.61E-05	5.34E-05	5.08E-05	6.51E-05	6.56E-05	6.56E-05	5.08E-06	4.57E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Marion	19125	U	Trichloroethylene	8.15E-02	8.15E-02	8.17E-02	9.12E-02	9.08E-02	1.03E-01	1.03E-01	1.03E-01	9.76E-06	9.78E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Marion	19125	U	Vinyl Chloride	9.75E-05	9.75E-05	9.81E-05	1.39E-04	1.31E-04	1.66E-04	1.67E-04	1.67E-04	1.25E-05	1.18E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Acetaldehyde	5.10E-02	5.61E-02	6.32E-02	1.20E-01	1.10E-01	1.38E-01	1.77E-01	1.77E-01	1.25E-05	2.08E-02	6.25E-02	2.65E-02	0.00E+00
Iowa	Marshall	19127	U	Acrolein	7.33E-03	7.82E-03	8.75E-03	2.28E-02	2.20E-02	3.02E-02	4.06E-02	4.07E-02	6.36E-06	1.03E-02	8.05E-03	3.67E-03	0.00E+00
Iowa	Marshall	19127	U	Acrylonitrile	6.64E-05	7.32E-05	9.49E-05	1.21E-04	1.18E-04	1.46E-04	1.61E-04	1.61E-04	4.40E-06	1.13E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Arsenic Compounds	9.15E-06	1.07E-05	1.27E-05	2.87E-05	3.04E-05	3.83E-05	5.52E-05	6.01E-05	9.62E-06	2.05E-05	2.34E-07	1.68E-08	0.00E+00
Iowa	Marshall	19127	U	Benzene	5.35E-01	5.37E-01	5.42E-01	7.20E-01	6.94E-01	7.75E-01	9.10E-01	9.23E-01	4.36E-05	2.63E-02	1.38E-01	4.88E-02	4.80E-01
Iowa	Marshall	19127	U	Beryllium Compounds	7.17E-07	8.06E-07	1.00E-06	5.13E-06	5.16E-06	7.06E-06	1.16E-05	1.26E-05	4.96E-07	4.66E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	1,3-Butadiene	2.86E-03	3.12E-03	3.43E-03	2.61E-02	2.41E-02	3.54E-02	5.35E-02	5.56E-02	0.00E+00	4.78E-03	1.33E-02	6.10E-03	0.00E+00
Iowa	Marshall	19127	U	Cadmium Compounds	9.16E-06	1.14E-05	1.60E-05	1.99E-05	2.03E-05	2.41E-05	2.99E-05	3.21E-05	1.21E-06	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.06E-09	4.41E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Marshall	19127	U	Chloroform	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	4.69E-08	3.22E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Marshall	19127	U	Chromium Compounds	1.24E-04	1.30E-04	2.38E-04	3.09E-03	3.69E-03	5.50E-03	9.46E-03	1.16E-02	3.99E-04	3.27E-03	1.52E-05	9.72E-06	0.00E+00
Iowa	Marshall	19127	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
Iowa	Marshall	19127	U	1,3-Dichloropropene	2.96E-03	3.00E-03	4.32E-03	4.02E-02	3.44E-02	4.83E-02	7.80E-02	8.20E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Diesel Particulate Matter	5.09E-01	5.15E-01	5.46E-01	8.55E-01	8.34E-01	1.04E+00	1.26E+00	1.33E+00	0.00E+00	0.00E+00	1.87E-01	6.47E-01	***
Iowa	Marshall	19127	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	2.46E-09	1.90E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Marshall	19127	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	1.52E-06	1.88E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Marshall	19127	U	Ethylene Oxide	5.36E-05	5.92E-05	6.87E-05	6.97E-04	8.00E-04	1.16E-03	2.02E-03	2.18E-03	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Formaldehyde	3.11E-01	3.16E-01	3.23E-01	4.45E-01	4.43E-01	5.15E-01	6.21E-01	6.39E-01	9.05E-06	7.44E-02	7.56E-02	4.27E-02	2.50E-01
Iowa	Marshall	19127	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.34E-05	9.35E-05	9.35E-05	0.00E+00	2.88E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Marshall	19127	U	Hydrazine	5.08E-10	6.06E-10	1.61E-09	3.96E-08	5.97E-08	9.40E-08	1.70E-07	2.15E-07	0.00E+00	5.97E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Lead Compounds	7.82E-05	9.58E-05	1.25E-04	1.87E-04	1.97E-04	2.31E-04	3.21E-04	3.34E-04	9.96E-06	1.65E-04	2.16E-05	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Manganese Compounds	6.57E-05	6.79E-05	8.88E-05	6.67E-04	5.81E-04	8.01E-04	1.30E-03	1.39E-03	1.16E-05	5.51E-04	6.29E-06	1.23E-05	0.00E+00
Iowa	Marshall	19127	U	Mercury Compounds	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.55E-03	1.56E-03	1.57E-03	1.57E-03	3.13E-06	4.08E-05	2.09E-07	2.51E-06	1.50E-03
Iowa	Marshall	19127	U	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	2.16E-01	2.22E2E-								

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Marshall	19127	U	7-PAH	2.43E-04	2.56E-04	3.05E-04	2.39E-03	2.07E-03	2.91E-03	4.63E-03	4.87E-03	9.42E-09	2.02E-03	4.76E-05	6.80E-06	0.00E+00
Iowa	Marshall	19127	U	Propylene Dichloride	3.84E-06	4.25E-06	5.47E-06	7.96E-06	7.83E-06	1.01E-05	1.22E-05	1.29E-05	2.66E-07	7.56E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Quinoline	8.23E-09	8.26E-09	1.04E-08	1.29E-07	1.72E-07	2.66E-07	4.63E-07	5.72E-07	0.00E+00	1.72E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	1,1,2,2-Tetrachloroethane	3.21E-05	3.55E-05	4.64E-05	5.62E-05	5.43E-05	6.64E-05	7.00E-05	7.19E-05	2.44E-06	5.19E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Marshall	19127	U	Trichloroethylene	8.16E-02	8.17E-02	8.18E-02	8.94E-02	9.17E-02	9.71E-02	1.09E-01	1.13E-01	4.68E-06	1.07E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Marshall	19127	U	Vinyl Chloride	8.37E-05	9.23E-05	1.27E-04	1.49E-04	1.46E-04	1.77E-04	1.91E-04	1.93E-04	6.01E-06	1.40E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	Acetaldehyde	7.26E-02	7.26E-02	1.36E-01	2.00E-01	2.32E-01	3.29E-01	4.57E-01	4.57E-01	3.16E-05	3.70E-02	1.28E-01	6.73E-02	0.00E+00
Iowa	Mills	19129	R	Acrolein	8.41E-03	8.41E-03	1.74E-02	2.65E-02	4.39E-02	7.05E-02	1.14E-01	1.14E-01	2.53E-05	2.12E-02	1.40E-02	8.74E-03	0.00E+00
Iowa	Mills	19129	R	Acrylonitrile	1.83E-05	1.83E-05	4.17E-05	6.55E-05	7.29E-05	1.04E-04	1.42E-04	1.42E-04	3.90E-05	3.39E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	Arsenic Compounds	3.12E-05	3.12E-05	7.03E-05	1.10E-04	1.12E-04	1.53E-04	1.96E-04	1.96E-04	6.17E-05	4.98E-05	1.17E-07	2.94E-08	0.00E+00
Iowa	Mills	19129	R	Benzene	5.42E-01	5.42E-01	6.22E-01	7.03E-01	7.25E-01	8.28E-01	9.52E-01	9.52E-01	2.47E-04	6.66E-02	1.52E-01	2.60E-02	4.80E-01
Iowa	Mills	19129	R	Beryllium Compounds	2.03E-06	2.03E-06	7.47E-06	5.40E-05	5.19E-05	9.63E-05	9.74E-05	9.74E-05	4.98E-05	2.08E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	1,3-Butadiene	2.73E-03	2.73E-03	9.49E-03	1.63E-02	2.70E-02	4.45E-02	7.28E-02	7.28E-02	0.00E+00	1.62E-02	8.99E-03	1.77E-03	0.00E+00
Iowa	Mills	19129	R	Cadmium Compounds	7.59E-06	7.59E-06	1.81E-05	4.82E-05	4.33E-05	6.84E-05	6.91E-05	6.91E-05	3.50E-05	8.33E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	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	9.61E-06	5.14E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Mills	19129	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.35E-02	8.34E-02	8.36E-02	8.37E-02	8.37E-02	4.29E-05	3.93E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Mills	19129	R	Chromium Compounds	3.70E-05	3.70E-05	1.28E-04	1.04E-03	1.01E-03	1.89E-03	1.91E-03	1.91E-03	9.21E-04	5.64E-05	7.94E-06	2.26E-05	0.00E+00
Iowa	Mills	19129	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
Iowa	Mills	19129	R	1,3-Dichloropropene	3.51E-03	3.51E-03	1.08E-02	2.15E-02	1.79E-02	2.51E-02	2.52E-02	2.52E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	Diesel Particulate Matter	5.21E-01	5.21E-01	6.41E-01	7.63E-01	9.51E-01	1.26E+00	1.76E+00	1.76E+00	0.00E+00	0.00E+00	1.69E-01	7.83E-01	***
Iowa	Mills	19129	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	7.16E-08	4.17E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Mills	19129	R	Ethylene Dichloride	6.22E-02	6.22E-02	6.30E-02	6.39E-02	6.41E-02	6.52E-02	6.65E-02	6.65E-02	3.12E-03	7.05E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Mills	19129	R	Ethylene Oxide	6.68E-05	6.68E-05	1.27E-04	1.90E-04	2.52E-04	3.76E-04	5.61E-04	5.61E-04	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	Formaldehyde	3.28E-01	3.28E-01	4.05E-01	4.83E-01	5.99E-01	7.94E-01	1.10E+00	1.10E+00	8.09E-05	1.37E-01	1.05E-01	1.07E-01	2.50E-01
Iowa	Mills	19129	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.38E-05	9.42E-05	9.42E-05	0.00E+00	4.89E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Mills	19129	R	Hydrazine	4.13E-10	4.13E-10	1.05E-09	1.72E-09	3.61E-09	6.17E-09	1.06E-08	1.06E-08	2.75E-15	3.61E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	Lead Compounds	7.66E-04	7.66E-04	1.43E-03	2.10E-03	2.87E-03	4.31E-03	6.50E-03	6.50E-03	1.35E-03	1.07E-03	1.11E-05	4.36E-04	0.00E+00
Iowa	Mills	19129	R	Manganese Compounds	2.47E-04	2.47E-04	7.64E-04	2.71E-03	2.47E-03	4.18E-03	4.22E-03	4.22E-03	1.82E-03	6.23E-04	3.17E-06	2.35E-05	0.00E+00
Iowa	Mills	19129	R	Mercury Compounds	1.56E-03	1.56E-03	1.59E-03	1.62E-03	1.61E-03	1.62E-03	1.62E-03	1.62E-03	3.24E-05	6.63E-05	1.07E-07	6.46E-06	1.50E-03
Iowa	Mills	19129	R	Methylene Chloride	1.68E-01	1.68E-01	1.90E-01	2.14E-01	2.55E-01	3.21E-01	4.26E-01	4.26E-01	4.99E-02	5.55E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Mills	19129	R	Nickel Compounds	4.49E-05	4.49E-05	1.92E-04	9.01E-04	8.36E-04	1.48E-03	1.50E-03	1.50E-03	7.11E-04	1.09E-04	6.11E-06	1.03E-05	0.00E+00
Iowa	Mills	19129	R	Perchloroethylene	1.46E-01	1.46E-01	1.63E-01	1.96E-01	1.88E-01	2.13E-01	2.13E-01	2.13E-01	9.55E-05	4.76E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Mills	19129	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Mills	19129	R	Polycyclic Organic Matter	4.25E-03	4.25E-03	1.47E-02	2.52E-02	2.25E-02	3.04E-02	3.55E-02	3.55E-02	4.78E-05	2.24E-02	5.69E-05	1.27E-05	0.00E+00
Iowa	Mills	19129	R	7-PAH	2.76E-04	2.76E-04	9.38E-04	1.61E-03	1.87E-03	2.80E-03	3.98E-03	3.98E-03	2.45E-08	1.84E-03	2.53E-05	3.36E-06	0.00E+00
Iowa	Mills	19129	R	Propylene Dichloride	9.80E-07	9.80E-07	6.35E-06	1.18E-05	1.15E-05	1.67E-05	2.15E-05	2.15E-05	2.36E-06	9.14E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	Quinoline	1.06E-08	1.06E-08	1.95E-08	2.89E-08	3.77E-08	5.58E-08	8.23E-08	8.23E-08	0.00E+00	3.77E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	1,1,2,2-Tetrachloroethane	6.11E-06	6.11E-06	2.45E-05	4.32E-05	4.54E-05	6.62E-05	8.89E-05	8.89E-05	2.16E-05	2.38E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Mills	19129	R	Trichloroethylene	8.21E-02	8.21E-02	8.49E-02	8.78E-02	9.18E-02	9.86E-02	1.09E-01	1.09E-01	2.47E-03	8.29E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Mills	19129	R	Vinyl Chloride	1.68E-05	1.68E-05	4.99E-05	8.38E-05	9.26E-05	1.35E-04	1.86E-04	1.86E-04	5.32E-05	3.94E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	Acetaldehyde	3.29E-02	3.29E-02	3.29E-02	3.30E-02	4.17E-02	5.93E-02	5.93E-02	5.93E-02	2.17E-07	5.17E-03	2.35E-02	1.31E-02	0.00E+00
Iowa	Mitchell	19131	R	Acrolein	6.39E-03	6.39E-03	6.39E-03	6.85E-03	8.49E-03	1.22E-02	1.22E-02	1.22E-02	1.10E-07	4.21E-03	2.91E-03	1.37E-03	0.00E+00
Iowa	Mitchell	19131	R	Acrylonitrile	2.57E-05	2.57E-05	2.57E-05	2.62E-05	2.64E-05	2.73E-05	2.73E-05	2.73E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	Arsenic Compounds	9.25E-07	9.25E-07	9.25E-07	1.15E-06	2.70E-06	6.02E-06	6.02E-06	6.02E-06	1.80E-07	2.47E-06	4.71E-08	2.71E-09	0.00E+00
Iowa	Mitchell	19131	R	Benzene	5.18E-01	5.18E-01	5.18E-01	5.20E-01	5.54E-01	6.24E-01	6.24E-01	6.24E-01	6.56E-07	2.56E-02	4.22E-02	6.54E-03	4.80E-01
Iowa	Mitchell	19131	R	Beryllium Compounds	2.07E-07	2.07E-07	2.07E-07	2.46E-07	6.60E-07	1.53E-06	1.53E-06	1.53E-06	9.46E-09	6.51E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	1,3-Butadiene	2.61E-03	2.61E-03	2.61E-03	2.93E-03	5.62E-03	1.13E-02	1.13E-02	1.13E-02	0.00E+00	1.59E-03	3.50E-03	5.32E-04	0.00E+00
Iowa	Mitchell	19131	R	Cadmium Compounds	1.14E-06	1.14E-06	1.14E-06	1.25E-06	1.90E-06	3.30E-06	3.30E-06	3.30E-06	2.35E-08	1.87E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	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	2.14E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Mitchell	19131	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	7.84E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Mitchell	19131	R	Chromium Compounds	2.02E-05	2.02E-05	2.02E-05	3.73E-05	3.47E-05	4.65E-05	4.65E-05	4.65E-05	1.18E-07	2.75E-05	3.05E-06	3.99E-06	0.00E+00
Iowa	Mitchell	19131	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

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Mitchell	19131	R	1,3-Dichloropropene	1.77E-03	1.77E-03	1.77E-03	2.05E-03	5.32E-03	1.21E-02	1.21E-02	1.21E-02	0.00E+00	5.32E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	Diesel Particulate Matter	5.15E-01	5.15E-01	5.15E-01	5.18E-01	6.00E-01	7.68E-01	7.68E-01	7.68E-01	0.00E+00	0.00E+00	1.48E-01	4.53E-01	***
Iowa	Mitchell	19131	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	9.05E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Mitchell	19131	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	2.01E-08	1.92E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Mitchell	19131	R	Ethylene Oxide	3.21E-05	3.21E-05	3.21E-05	3.65E-05	1.19E-04	2.88E-04	2.88E-04	2.88E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	Formaldehyde	2.89E-01	2.89E-01	2.89E-01	2.90E-01	3.11E-01	3.52E-01	3.52E-01	3.52E-01	7.33E-04	1.43E-02	2.57E-02	1.98E-02	2.50E-01
Iowa	Mitchell	19131	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.77E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Mitchell	19131	R	Hydrazine	1.22E-09	1.22E-09	1.22E-09	3.76E-09	3.44E-08	9.84E-08	9.84E-08	9.84E-08	0.00E+00	3.44E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	Lead Compounds	1.73E-05	1.73E-05	1.73E-05	3.79E-05	5.00E-05	9.49E-05	9.49E-05	9.49E-05	1.92E-07	3.08E-05	4.25E-06	1.48E-05	0.00E+00
Iowa	Mitchell	19131	R	Manganese Compounds	2.48E-05	2.48E-05	2.48E-05	2.82E-05	7.60E-05	1.75E-04	1.75E-04	1.75E-04	2.20E-07	7.03E-05	1.22E-06	4.23E-06	0.00E+00
Iowa	Mitchell	19131	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	3.98E-08	1.02E-05	4.17E-08	1.14E-06	1.50E-03
Iowa	Mitchell	19131	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.61E-01	1.68E-01	1.85E-01	1.85E-01	1.85E-01	2.45E-03	1.52E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Mitchell	19131	R	Nickel Compounds	1.67E-05	1.67E-05	1.67E-05	2.17E-05	5.72E-05	1.33E-04	1.33E-04	1.33E-04	1.23E-07	5.29E-05	2.35E-06	1.83E-06	0.00E+00
Iowa	Mitchell	19131	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.43E-01	1.46E-01	1.46E-01	1.46E-01	1.99E-08	2.88E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Mitchell	19131	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Mitchell	19131	R	Polycyclic Organic Matter	4.62E-03	4.62E-03	4.62E-03	5.37E-03	8.69E-03	1.61E-02	1.61E-02	1.61E-02	1.03E-08	8.66E-03	2.19E-05	2.08E-06	0.00E+00
Iowa	Mitchell	19131	R	7-PAH	1.93E-04	1.93E-04	1.93E-04	2.13E-04	4.02E-04	8.01E-04	8.01E-04	8.01E-04	1.91E-10	3.92E-04	9.71E-06	8.77E-07	0.00E+00
Iowa	Mitchell	19131	R	Propylene Dichloride	1.34E-06	1.34E-06	1.34E-06	1.37E-06	1.93E-06	3.07E-06	3.07E-06	3.07E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	Quinoline	7.43E-09	7.43E-09	7.43E-09	1.64E-08	9.61E-08	2.64E-07	2.64E-07	2.64E-07	0.00E+00	9.61E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	1,1,2,2-Tetrachloroethane	4.63E-06	4.63E-06	4.63E-06	7.40E-06	6.75E-06	8.21E-06	8.21E-06	8.21E-06	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Mitchell	19131	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.24E-02	8.47E-02	8.47E-02	8.47E-02	0.00E+00	1.43E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Mitchell	19131	R	Vinyl Chloride	3.34E-05	3.34E-05	3.34E-05	4.98E-05	4.62E-05	5.54E-05	5.54E-05	5.54E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	Acetaldehyde	3.71E-02	3.71E-02	3.80E-02	4.29E-02	4.65E-02	5.51E-02	6.33E-02	6.33E-02	1.71E-05	5.67E-03	2.80E-02	1.28E-02	0.00E+00
Iowa	Monona	19133	R	Acrolein	6.28E-03	6.28E-03	6.30E-03	6.66E-03	7.87E-03	9.45E-03	1.19E-02	1.19E-02	8.70E-06	3.44E-03	3.32E-03	1.10E-03	0.00E+00
Iowa	Monona	19133	R	Acrylonitrile	5.00E-06	5.00E-06	5.48E-06	6.43E-06	9.21E-06	1.29E-05	1.90E-05	1.90E-05	0.00E+00	9.21E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	Arsenic Compounds	5.01E-07	5.01E-07	6.47E-06	1.78E-05	1.49E-05	2.34E-05	2.36E-05	2.36E-05	1.35E-05	1.37E-06	3.02E-08	2.55E-09	0.00E+00
Iowa	Monona	19133	R	Benzene	5.16E-01	5.16E-01	5.18E-01	5.20E-01	5.30E-01	5.43E-01	5.64E-01	5.64E-01	4.81E-05	6.78E-03	3.78E-02	5.39E-03	4.80E-01
Iowa	Monona	19133	R	Beryllium Compounds	1.42E-07	1.42E-07	4.69E-07	1.11E-06	1.13E-06	1.80E-06	2.17E-06	2.17E-06	7.10E-07	4.23E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	1,3-Butadiene	2.14E-03	2.14E-03	2.18E-03	2.60E-03	4.13E-03	6.08E-03	9.19E-03	9.19E-03	0.00E+00	1.34E-03	2.42E-03	3.75E-04	0.00E+00
Iowa	Monona	19133	R	Cadmium Compounds	8.81E-07	8.81E-07	1.61E-06	3.12E-06	3.00E-06	4.39E-06	4.86E-06	4.86E-06	1.75E-06	1.24E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	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	9.08E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Monona	19133	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	5.51E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Monona	19133	R	Chromium Compounds	5.15E-06	5.15E-06	9.88E-06	2.09E-05	2.14E-05	3.28E-05	3.84E-05	3.84E-05	8.83E-06	7.09E-06	2.04E-06	3.40E-06	0.00E+00
Iowa	Monona	19133	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
Iowa	Monona	19133	R	1,3-Dichloropropene	1.20E-03	1.20E-03	1.30E-03	1.57E-03	3.38E-03	5.45E-03	9.16E-03	9.16E-03	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	Diesel Particulate Matter	4.73E-01	4.73E-01	4.78E-01	4.85E-01	5.38E-01	5.98E-01	7.08E-01	7.08E-01	0.00E+00	0.00E+00	1.07E-01	4.31E-01	***
Iowa	Monona	19133	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	6.00E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Monona	19133	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	1.48E-06	1.03E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Monona	19133	R	Ethylene Oxide	3.78E-05	3.78E-05	4.56E-05	6.06E-05	1.50E-04	2.54E-04	4.40E-04	4.40E-04	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	Formaldehyde	2.96E-01	2.96E-01	2.99E-01	3.02E-01	3.12E-01	3.26E-01	3.50E-01	3.50E-01	3.72E-05	1.76E-02	2.62E-02	1.86E-02	2.50E-01
Iowa	Monona	19133	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	1.87E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Monona	19133	R	Hydrazine	4.93E-11	4.93E-11	8.04E-11	1.15E-10	1.37E-10	1.94E-10	2.70E-10	2.70E-10	0.00E+00	1.37E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	Lead Compounds	1.40E-05	1.40E-05	1.98E-05	4.96E-05	4.81E-05	7.65E-05	7.93E-05	7.93E-05	1.44E-05	2.90E-05	2.83E-06	1.89E-06	0.00E+00
Iowa	Monona	19133	R	Manganese Compounds	2.27E-05	2.27E-05	3.17E-05	5.18E-05	7.50E-05	1.18E-04	1.74E-04	1.74E-04	1.65E-05	5.41E-05	8.09E-07	3.62E-06	0.00E+00
Iowa	Monona	19133	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	4.37E-06	8.58E-06	2.73E-08	9.90E-07	1.50E-03
Iowa	Monona	19133	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.57E-01	1.61E-01	1.68E-01	1.68E-01	1.01E-05	6.73E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Monona	19133	R	Nickel Compounds	7.09E-06	7.09E-06	1.29E-05	2.48E-05	2.87E-05	4.44E-05	5.80E-05	5.80E-05	9.24E-06	1.63E-05	1.57E-06	1.52E-06	0.00E+00
Iowa	Monona	19133	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.46E-01	1.51E-01	1.51E-01	1.49E-06	3.81E-03	0.00E+00	0.00E+00	1.

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Monona	19133	R	Quinoline	1.05E-09	1.05E-09	1.58E-09	2.14E-09	2.77E-09	3.95E-09	5.74E-09	5.74E-09	0.00E+00	2.77E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	1,1,2,2-Tetrachloroethane	1.12E-06	1.12E-06	1.38E-06	2.07E-06	3.51E-06	5.64E-06	8.78E-06	8.78E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Monona	19133	R	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.15E-02	8.21E-02	8.28E-02	8.40E-02	8.40E-02	0.00E+00	1.11E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Monona	19133	R	Vinyl Chloride	2.80E-06	2.80E-06	3.47E-06	5.18E-06	8.74E-06	1.40E-05	2.18E-05	2.18E-05	0.00E+00	8.74E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Acetaldehyde	2.25E-02	2.25E-02	2.25E-02	2.77E-02	2.70E-02	3.08E-02	3.08E-02	3.08E-02	1.15E-05	5.64E-03	1.45E-02	6.91E-03	0.00E+00
Iowa	Monroe	19135	R	Acrolein	5.74E-03	5.74E-03	5.74E-03	7.98E-03	7.70E-03	9.37E-03	9.37E-03	9.37E-03	5.86E-06	5.04E-03	1.85E-03	7.95E-04	0.00E+00
Iowa	Monroe	19135	R	Acrylonitrile	3.37E-05	3.37E-05	3.37E-05	3.84E-05	4.14E-05	5.20E-05	5.20E-05	5.20E-05	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Arsenic Compounds	8.46E-06	8.46E-06	8.46E-06	8.52E-06	9.53E-06	1.16E-05	1.16E-05	1.16E-05	8.55E-06	9.54E-07	3.22E-08	1.96E-09	0.00E+00
Iowa	Monroe	19135	R	Benzene	5.06E-01	5.06E-01	5.06E-01	5.20E-01	5.18E-01	5.29E-01	5.29E-01	5.29E-01	2.87E-05	1.05E-02	2.35E-02	4.29E-03	4.80E-01
Iowa	Monroe	19135	R	Beryllium Compounds	5.61E-07	5.61E-07	5.61E-07	7.03E-07	7.02E-07	8.43E-07	8.43E-07	8.43E-07	4.42E-07	2.61E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	1,3-Butadiene	2.26E-03	2.26E-03	2.26E-03	4.82E-03	4.50E-03	6.42E-03	6.42E-03	6.42E-03	0.00E+00	2.35E-03	1.81E-03	3.37E-04	0.00E+00
Iowa	Monroe	19135	R	Cadmium Compounds	1.78E-06	1.78E-06	1.78E-06	2.10E-06	2.06E-06	2.32E-06	2.32E-06	2.32E-06	1.08E-06	9.81E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.12E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Monroe	19135	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	5.89E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Monroe	19135	R	Chromium Compounds	1.65E-05	1.65E-05	1.65E-05	2.46E-05	2.22E-05	2.54E-05	2.54E-05	2.54E-05	5.48E-06	1.24E-05	1.98E-06	2.28E-06	0.00E+00
Iowa	Monroe	19135	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
Iowa	Monroe	19135	R	1,3-Dichloropropene	1.28E-03	1.28E-03	1.28E-03	2.78E-03	2.36E-03	3.03E-03	3.03E-03	3.03E-03	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Diesel Particulate Matter	3.89E-01	3.89E-01	3.89E-01	4.04E-01	4.07E-01	4.28E-01	4.28E-01	4.28E-01	0.00E+00	0.00E+00	1.12E-01	2.95E-01	***
Iowa	Monroe	19135	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.15E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Monroe	19135	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	8.85E-07	5.23E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Monroe	19135	R	Ethylene Oxide	3.50E-05	3.50E-05	3.50E-05	6.90E-05	5.90E-05	7.32E-05	7.32E-05	7.32E-05	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Formaldehyde	2.86E-01	2.86E-01	2.86E-01	3.03E-01	3.01E-01	3.13E-01	3.13E-01	3.13E-01	5.48E-06	2.48E-02	1.54E-02	1.05E-02	2.50E-01
Iowa	Monroe	19135	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	9.40E-08	0.00E+00	0.00E+00	9.30E-05
Iowa	Monroe	19135	R	Hydrazine	3.93E-09	3.93E-09	3.93E-09	8.73E-09	8.28E-09	1.22E-08	1.22E-08	1.22E-08	0.00E+00	8.28E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Lead Compounds	2.95E-05	2.95E-05	2.95E-05	4.39E-05	3.96E-05	4.53E-05	4.53E-05	4.53E-05	8.88E-06	1.71E-05	2.74E-06	1.09E-05	0.00E+00
Iowa	Monroe	19135	R	Manganese Compounds	3.63E-05	3.63E-05	3.63E-05	5.94E-05	5.19E-05	6.00E-05	6.00E-05	6.00E-05	1.03E-05	3.83E-05	7.98E-07	2.53E-06	0.00E+00
Iowa	Monroe	19135	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	2.38E-06	7.90E-06	2.71E-08	6.46E-07	1.50E-03
Iowa	Monroe	19135	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.55E-01	1.55E-01	1.56E-01	1.56E-01	1.56E-01	4.22E-04	4.24E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Monroe	19135	R	Nickel Compounds	2.49E-05	2.49E-05	2.49E-05	3.87E-05	3.48E-05	4.09E-05	4.09E-05	4.09E-05	5.84E-06	2.63E-05	1.54E-06	1.11E-06	0.00E+00
Iowa	Monroe	19135	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	9.30E-07	1.55E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Monroe	19135	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Monroe	19135	R	Polycyclic Organic Matter	1.81E-03	1.81E-03	1.81E-03	3.36E-03	2.98E-03	3.78E-03	3.78E-03	3.78E-03	4.14E-07	2.97E-03	1.43E-05	1.47E-06	0.00E+00
Iowa	Monroe	19135	R	7-PAH	1.75E-04	1.75E-04	1.75E-04	3.06E-04	2.80E-04	3.59E-04	3.59E-04	3.59E-04	8.44E-09	2.73E-04	6.34E-06	6.36E-07	0.00E+00
Iowa	Monroe	19135	R	Propylene Dichloride	2.05E-06	2.05E-06	2.05E-06	2.41E-06	2.57E-06	3.26E-06	3.26E-06	3.26E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Quinoline	1.41E-08	1.41E-08	1.41E-08	2.72E-08	2.59E-08	3.63E-08	3.63E-08	3.63E-08	0.00E+00	2.59E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	1,1,2,2-Tetrachloroethane	1.69E-05	1.69E-05	1.69E-05	1.90E-05	2.06E-05	2.59E-05	2.59E-05	2.59E-05	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Monroe	19135	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.16E-02	8.15E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	5.26E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Monroe	19135	R	Vinyl Chloride	4.20E-05	4.20E-05	4.20E-05	4.76E-05	5.14E-05	6.47E-05	6.47E-05	6.47E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Acetaldehyde	3.11E-02	3.11E-02	3.21E-02	5.16E-02	5.13E-02	7.06E-02	7.11E-02	7.11E-02	0.00E+00	6.80E-03	3.21E-02	1.25E-02	0.00E+00
Iowa	Montgomery	19137	U	Acrolein	4.06E-03	4.06E-03	4.16E-03	8.38E-03	8.35E-03	1.25E-02	1.26E-02	1.26E-02	0.00E+00	3.03E-03	3.96E-03	1.36E-03	0.00E+00
Iowa	Montgomery	19137	U	Acrylonitrile	2.05E-05	2.05E-05	2.28E-05	3.21E-05	3.10E-05	3.92E-05	3.93E-05	3.93E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Arsenic Compounds	5.92E-07	5.92E-07	7.31E-07	7.05E-06	6.98E-06	1.32E-05	1.32E-05	1.32E-05	0.00E+00	6.90E-06	7.98E-08	4.94E-09	0.00E+00
Iowa	Montgomery	19137	U	Benzene	5.11E-01	5.11E-01	5.12E-01	5.84E-01	5.83E-01	6.55E-01	6.55E-01	6.55E-01	0.00E+00	1.27E-02	6.71E-02	2.35E-02	4.80E-01
Iowa	Montgomery	19137	U	Beryllium Compounds	1.57E-07	1.57E-07	1.99E-07	1.80E-06	1.78E-06	3.37E-06	3.37E-06	3.37E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	1,3-Butadiene	1.64E-03	1.64E-03	1.80E-03	1.06E-02	1.05E-02	1.93E-02	1.93E-02	1.93E-02	0.00E+00	1.20E-03	6.19E-03	3.14E-03	0.00E+00
Iowa	Montgomery	19137	U	Cadmium Compounds	1.06E-06	1.06E-06	1.12E-06	3.98E-06	3.96E-06	6.80E-06	6.82E-06	6.82E-06	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.73E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Montgomery	19137	U	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00				

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Montgomery	19137	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.69E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Montgomery	19137	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	7.60E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Montgomery	19137	U	Ethylene Oxide	2.71E-05	2.71E-05	3.48E-05	2.46E-04	2.42E-04	4.49E-04	4.49E-04	4.49E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Formaldehyde	2.85E-01	2.85E-01	2.85E-01	3.22E-01	3.22E-01	3.58E-01	3.58E-01	3.58E-01	0.00E+00	1.55E-02	3.73E-02	1.90E-02	2.50E-01
Iowa	Montgomery	19137	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	3.05E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Montgomery	19137	U	Hydrazine	2.48E-10	2.48E-10	3.24E-10	1.50E-08	1.49E-08	2.96E-08	2.96E-08	2.96E-08	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Lead Compounds	1.72E-05	1.72E-05	1.75E-05	7.11E-05	7.10E-05	1.25E-04	1.25E-04	1.25E-04	0.00E+00	6.33E-05	7.70E-06	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Manganese Compounds	8.14E-05	8.14E-05	1.05E-04	1.93E-03	1.91E-03	3.72E-03	3.72E-03	3.72E-03	0.00E+00	1.91E-03	2.23E-06	4.39E-06	0.00E+00
Iowa	Montgomery	19137	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	0.00E+00	1.69E-05	7.36E-08	8.94E-07	1.50E-03
Iowa	Montgomery	19137	U	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.79E-01	1.79E-01	2.05E-01	2.05E-01	2.05E-01	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Montgomery	19137	U	Nickel Compounds	9.78E-06	9.78E-06	1.21E-05	1.65E-04	1.64E-04	3.15E-04	3.15E-04	3.15E-04	0.00E+00	1.57E-04	4.16E-06	2.14E-06	0.00E+00
Iowa	Montgomery	19137	U	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.54E-01	1.54E-01	1.67E-01	1.67E-01	1.67E-01	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Montgomery	19137	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Montgomery	19137	U	Polycyclic Organic Matter	1.58E-03	1.58E-03	1.91E-03	1.29E-02	1.27E-02	2.36E-02	2.36E-02	2.36E-02	0.00E+00	1.27E-02	3.82E-05	6.08E-06	0.00E+00
Iowa	Montgomery	19137	U	7-PAH	1.14E-04	1.14E-04	1.37E-04	8.07E-04	7.96E-04	1.46E-03	1.46E-03	1.46E-03	0.00E+00	7.76E-04	1.69E-05	3.08E-06	0.00E+00
Iowa	Montgomery	19137	U	Propylene Dichloride	1.16E-06	1.16E-06	1.27E-06	2.04E-06	1.99E-06	2.71E-06	2.71E-06	2.71E-06	0.00E+00	1.99E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Quinoline	1.82E-09	1.82E-09	2.52E-09	4.20E-08	4.16E-08	8.08E-08	8.08E-08	8.08E-08	0.00E+00	4.16E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	1,1,2,2-Tetrachloroethane	9.41E-06	9.41E-06	1.04E-05	1.40E-05	1.35E-05	1.67E-05	1.67E-05	1.67E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Montgomery	19137	U	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.56E-02	8.56E-02	8.98E-02	8.98E-02	8.98E-02	0.00E+00	4.57E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Montgomery	19137	U	Vinyl Chloride	2.33E-05	2.33E-05	2.56E-05	3.56E-05	3.45E-05	4.34E-05	4.35E-05	4.35E-05	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Muscatine	19139	U	Acetaldehyde	9.25E-02	1.02E-01	1.41E-01	1.79E-01	1.68E-01	2.02E-01	2.10E-01	2.18E-01	8.36E-05	2.39E-02	1.05E-01	3.94E-02	0.00E+00
Iowa	Muscatine	19139	U	Acrolein	1.64E-02	1.84E-02	2.44E-02	3.16E-02	3.00E-02	3.41E-02	4.17E-02	4.27E-02	6.52E-03	6.90E-03	1.18E-02	4.82E-03	0.00E+00
Iowa	Muscatine	19139	U	Acrylonitrile	5.14E-03	7.36E-03	1.41E-02	2.04E-02	2.26E-02	2.97E-02	4.36E-02	5.21E-02	2.22E-02	4.06E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Muscatine	19139	U	Arsenic Compounds	1.41E-05	2.47E-05	3.77E-05	9.43E-05	8.42E-05	1.20E-04	1.37E-04	1.52E-04	6.36E-05	2.04E-05	2.38E-07	8.47E-09	0.00E+00
Iowa	Muscatine	19139	U	Benzene	5.76E-01	5.80E-01	6.06E-01	7.15E-01	7.22E-01	7.93E-01	9.14E-01	9.98E-01	2.05E-04	4.00E-02	1.52E-01	5.01E-02	4.80E-01
Iowa	Muscatine	19139	U	Beryllium Compounds	1.22E-06	1.80E-06	2.64E-06	9.24E-06	7.91E-06	1.22E-05	1.42E-05	1.53E-05	3.14E-06	4.77E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Muscatine	19139	U	1,3-Butadiene	5.33E-03	6.04E-03	7.61E-03	2.24E-02	2.26E-02	3.14E-02	4.58E-02	5.25E-02	4.04E-03	1.82E-03	1.15E-02	5.29E-03	0.00E+00
Iowa	Muscatine	19139	U	Cadmium Compounds	5.48E-06	6.66E-06	9.88E-06	2.07E-05	1.92E-05	2.74E-05	3.16E-05	3.22E-05	8.20E-06	1.10E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Muscatine	19139	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	9.78E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Muscatine	19139	U	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.35E-02	8.35E-02	8.36E-02	8.38E-02	8.39E-02	0.00E+00	5.11E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Muscatine	19139	U	Chromium Compounds	8.05E-05	1.02E-04	5.37E-04	6.89E-04	6.86E-04	8.23E-04	1.22E-03	1.25E-03	4.14E-04	2.45E-04	1.53E-05	1.19E-05	0.00E+00
Iowa	Muscatine	19139	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
Iowa	Muscatine	19139	U	1,3-Dichloropropene	4.82E-03	5.15E-03	7.99E-03	3.06E-02	3.31E-02	5.25E-02	7.46E-02	8.97E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Muscatine	19139	U	Diesel Particulate Matter	6.54E-01	6.84E-01	7.14E-01	8.23E-01	8.85E-01	1.01E+00	1.20E+00	1.33E+00	0.00E+00	0.00E+00	2.31E-01	6.54E-01	***
Iowa	Muscatine	19139	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	0.00E+00	1.53E-06	0.00E+00	0.00E+00	7.70E-03
Iowa	Muscatine	19139	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.13E-02	6.13E-02	6.14E-02	6.16E-02	6.18E-02	2.23E-04	9.00E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Muscatine	19139	U	Ethylene Oxide	1.26E-04	1.48E-04	3.28E-04	6.89E-04	6.27E-04	7.71E-04	1.11E-03	1.25E-03	1.30E-05	6.14E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Muscatine	19139	U	Formaldehyde	3.55E-01	3.70E-01	4.12E-01	4.56E-01	4.56E-01	4.90E-01	5.40E-01	5.65E-01	3.39E-03	3.44E-02	1.05E-01	6.34E-02	2.50E-01
Iowa	Muscatine	19139	U	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	1.69E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Muscatine	19139	U	Hydrazine	7.04E-09	1.04E-08	2.16E-08	2.58E-07	5.93E-07	9.02E-07	1.99E-06	3.01E-06	0.00E+00	5.93E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Muscatine	19139	U	Lead Compounds	6.72E-05	8.11E-05	1.73E-04	3.35E-04	2.78E-04	3.57E-04	4.07E-04	4.45E-04	6.60E-05	1.15E-04	2.15E-05	7.48E-05	0.00E+00
Iowa	Muscatine	19139	U	Manganese Compounds	3.17E-04	3.22E-04	4.09E-04	1.04E-03	9.75E-04	1.33E-03	1.73E-03	1.98E-03	3.34E-04	6.20E-04	6.29E-06	1.45E-05	0.00E+00
Iowa	Muscatine	19139	U	Mercury Compounds	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.56E-03	1.57E-03	1.57E-03	1.58E-03	1.61E-05	3.75E-05	2.09E-07	3.24E-06	1.50E-03
Iowa	Muscatine	19139	U	Methylene Chloride	1.81E-01	1.82E-01	1.87E-01	2.22E-01	2.37E-01	2.72E-01	3.25E-01	3.28E-01	1.03E-02	7.72E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Muscatine	19139	U	Nickel Compounds	9.71E-05	9.96E-05	1.02E-04	3.94E-04	5.87E-04	9.23E-04	1.59E-03	2.25E-03	4.66E-05	5.22E-04	1.18E-05	6.66E-06	0.00E+00
Iowa	Muscatine	19139	U	Perchloroethylene	1.46E-01	1.47E-01	1.54E-01	1.95E-01	1.96E-01	2.23E-01	2.59E-01	2.84E-01	6.65E-06	5.58E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Muscatine	19139	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.92E-04	3.97E-04	3.95E-04	3.98E-04	4.08E-04	4.16E-04	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.80E-04
Iowa	Muscatine	19139															

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Muscatine	19139	U	Trichloroethylene	8.32E-02	8.37E-02	8.67E-02	9.41E-02	9.47E-02	9.87E-02	1.09E-01	1.13E-01	2.14E-04	1.35E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Muscatine	19139	U	Vinyl Chloride	2.54E-04	2.98E-04	4.70E-04	4.95E-04	4.97E-04	5.84E-04	6.47E-04	6.96E-04	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Acetaldehyde	3.07E-02	3.07E-02	3.56E-02	4.27E-02	4.63E-02	5.69E-02	6.90E-02	6.90E-02	0.00E+00	3.19E-03	2.88E-02	1.42E-02	0.00E+00
Iowa	O'Brien	19141	R	Acrolein	3.94E-03	3.94E-03	5.27E-03	7.55E-03	7.07E-03	8.87E-03	9.23E-03	9.23E-03	0.00E+00	8.02E-04	3.64E-03	2.62E-03	0.00E+00
Iowa	O'Brien	19141	R	Acrylonitrile	2.06E-05	2.06E-05	2.07E-05	2.96E-05	4.94E-05	7.80E-05	1.18E-04	1.18E-04	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Arsenic Compounds	8.37E-07	8.37E-07	8.56E-07	9.57E-07	2.13E-06	3.40E-06	5.77E-06	5.77E-06	0.00E+00	2.08E-06	5.14E-08	3.36E-09	0.00E+00
Iowa	O'Brien	19141	R	Benzene	5.14E-01	5.14E-01	5.32E-01	5.63E-01	5.62E-01	5.91E-01	6.06E-01	6.06E-01	0.00E+00	4.34E-03	5.06E-02	2.67E-02	4.80E-01
Iowa	O'Brien	19141	R	Beryllium Compounds	2.25E-07	2.25E-07	2.29E-07	2.64E-07	6.33E-07	1.04E-06	1.78E-06	1.78E-06	0.00E+00	6.33E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	1,3-Butadiene	2.39E-03	2.39E-03	3.04E-03	3.79E-03	5.32E-03	7.60E-03	1.13E-02	1.13E-02	0.00E+00	9.29E-05	4.09E-03	1.14E-03	0.00E+00
Iowa	O'Brien	19141	R	Cadmium Compounds	1.33E-06	1.33E-06	1.44E-06	1.57E-06	2.02E-06	2.59E-06	3.60E-06	3.60E-06	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	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	1.63E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	O'Brien	19141	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	0.00E+00	1.00E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	O'Brien	19141	R	Chromium Compounds	4.93E-06	4.93E-06	5.45E-06	6.43E-06	9.60E-06	1.37E-05	2.06E-05	2.06E-05	0.00E+00	2.70E-06	3.38E-06	3.51E-06	0.00E+00
Iowa	O'Brien	19141	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
Iowa	O'Brien	19141	R	1,3-Dichloropropene	1.80E-03	1.80E-03	1.83E-03	2.20E-03	5.38E-03	8.93E-03	1.53E-02	1.53E-02	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Diesel Particulate Matter	4.71E-01	4.71E-01	4.86E-01	5.03E-01	5.40E-01	5.93E-01	6.82E-01	6.82E-01	0.00E+00	0.00E+00	1.14E-01	4.25E-01	***
Iowa	O'Brien	19141	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	2.63E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	O'Brien	19141	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	7.27E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	O'Brien	19141	R	Ethylene Oxide	5.13E-05	5.13E-05	5.57E-05	6.79E-05	1.64E-04	2.72E-04	4.69E-04	4.69E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Formaldehyde	2.88E-01	2.88E-01	2.93E-01	3.00E-01	3.08E-01	3.22E-01	3.44E-01	3.44E-01	1.47E-06	4.58E-03	3.10E-02	2.21E-02	2.50E-01
Iowa	O'Brien	19141	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	O'Brien	19141	R	Hydrazine	3.31E-11	3.31E-11	5.91E-11	8.51E-11	7.56E-11	9.21E-11	9.91E-11	9.91E-11	0.00E+00	7.56E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Lead Compounds	2.01E-05	2.01E-05	2.17E-05	2.43E-05	3.50E-05	4.83E-05	7.12E-05	7.12E-05	0.00E+00	3.03E-05	4.72E-06	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Manganese Compounds	3.15E-05	3.15E-05	3.23E-05	3.81E-05	8.60E-05	1.40E-04	2.36E-04	2.36E-04	0.00E+00	8.08E-05	1.36E-06	3.83E-06	0.00E+00
Iowa	O'Brien	19141	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.43E-05	4.56E-08	9.98E-07	1.50E-03
Iowa	O'Brien	19141	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.55E-01	1.60E-01	1.66E-01	1.76E-01	1.76E-01	2.80E-04	9.42E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	O'Brien	19141	R	Nickel Compounds	1.14E-05	1.14E-05	1.22E-05	1.41E-05	2.59E-05	3.97E-05	6.41E-05	6.41E-05	0.00E+00	2.16E-05	2.62E-06	1.68E-06	0.00E+00
Iowa	O'Brien	19141	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.44E-01	1.47E-01	1.47E-01	0.00E+00	2.93E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	O'Brien	19141	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	O'Brien	19141	R	Polycyclic Organic Matter	2.02E-03	2.02E-03	2.10E-03	2.51E-03	5.23E-03	8.36E-03	1.39E-02	1.39E-02	0.00E+00	5.19E-03	2.43E-05	1.39E-05	0.00E+00
Iowa	O'Brien	19141	R	7-PAH	1.40E-04	1.40E-04	1.49E-04	1.69E-04	3.21E-04	4.94E-04	8.07E-04	8.07E-04	0.00E+00	3.04E-04	1.08E-05	7.10E-06	0.00E+00
Iowa	O'Brien	19141	R	Propylene Dichloride	1.08E-06	1.08E-06	1.12E-06	1.64E-06	2.80E-06	4.49E-06	6.85E-06	6.85E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Quinoline	6.65E-10	6.65E-10	1.16E-09	1.72E-09	1.55E-09	1.94E-09	2.09E-09	2.09E-09	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	1,1,2,2-Tetrachloroethane	8.71E-06	8.71E-06	9.08E-06	1.39E-05	2.44E-05	3.98E-05	6.12E-05	6.12E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	O'Brien	19141	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.17E-02	8.25E-02	8.35E-02	8.51E-02	8.51E-02	0.00E+00	1.52E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	O'Brien	19141	R	Vinyl Chloride	2.34E-05	2.34E-05	2.35E-05	3.65E-05	6.31E-05	1.03E-04	1.56E-04	1.56E-04	0.00E+00	6.31E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	R	Acetaldehyde	3.75E-02	3.75E-02	3.75E-02	4.28E-02	4.28E-02	4.82E-02	4.82E-02	4.82E-02	0.00E+00	3.47E-03	2.44E-02	1.50E-02	0.00E+00
Iowa	Osceola	19143	R	Acrolein	1.01E-02	1.01E-02	1.01E-02	1.05E-02	1.05E-02	1.08E-02	1.08E-02	1.08E-02	0.00E+00	2.92E-03	3.02E-03	4.53E-03	0.00E+00
Iowa	Osceola	19143	R	Acrylonitrile	2.05E-05	2.05E-05	2.05E-05	2.41E-05	2.41E-05	2.76E-05	2.76E-05	2.76E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	R	Arsenic Compounds	8.79E-07	8.79E-07	8.79E-07	1.18E-06	1.18E-06	1.48E-06	1.48E-06	1.48E-06	0.00E+00	1.14E-06	3.94E-08	2.04E-09	0.00E+00
Iowa	Osceola	19143	R	Benzene	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	0.00E+00	5.38E-03	3.43E-02	5.08E-02	4.80E-01
Iowa	Osceola	19143	R	Beryllium Compounds	2.30E-07	2.30E-07	2.30E-07	3.10E-07	3.10E-07	3.90E-07	3.90E-07	3.90E-07	0.00E+00	3.10E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	R	1,3-Butadiene	3.54E-03	3.54E-03	3.54E-03	4.42E-03	4.42E-03	5.31E-03	5.31E-03	5.31E-03	0.00E+00	8.44E-04	2.26E-03	1.32E-03	0.00E+00
Iowa	Osceola	19143	R	Cadmium Compounds	8.84E-07	8.84E-07	8.84E-07	1.14E-06	1.14E-06	1.40E-06	1.40E-06	1.40E-06	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	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	2.03E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Osceola	19143	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	7.54E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Osceola	19143	R	Chromium Compounds	1.06E-05	1.06E-05	1.06E-05	1.42E-05	1.42E-05	1.79E-05	1.79E-05	1.79E-05	0.00E+00	9.04E-06	2.54E-06	2.66E-06	0.00E+00
Iowa	Osceola	19143	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
Iowa	Osceola	19143	R	1,3-Dichloropropene	1.95E-03	1.95E-03	1.95E-03	2.69E-03	2.69E-03	3.43E-03	3.43E-03	3.43E-03	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	R	Diesel Particulate Matter	4.92E-01	4.92E-01	4.92E-01	5.41E-01	5.41E-01	5.91E-01	5.91E-01	5.91E-01	0.00E+00	0.00E+00	1.06E-01	4.35E-01	***
Iowa	Osceola	19143	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.18E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Osceola	19143	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	1.13E-05	0.00E+00	0.00E+00	6.10E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Osceola	19143	R	Ethylene Oxide	3.26E-05	3.26E-05	3.26E-05	3.93E-05	3.93E-05	4.61E-05	4.61E-05	4.61E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	R	Formaldehyde	2.96E-01	2.96E-01	2.96E-01	3.02E-01	3.02E-01	3.08E-01	3.08E-01	3.08E-01	0.00E+00	5.25E-03	2.33E-02	2.35E-02	2.50E-01
Iowa	Osceola	19143	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	1.80E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Osceola	19143	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
Iowa	Osceola	19143	R	Lead Compounds	2.41E-05	2.41E-05	2.41E-05	3.03E-05	3.03E-05	3.65E-05	3.65E-05	3.65E-05	0.00E+00	1.72E-05	3.50E-06	9.56E-06	0.00E+00
Iowa	Osceola	19143	R	Manganese Compounds	2.52E-05	2.52E-05	2.52E-05	3.31E-05	3.31E-05	4.10E-05	4.10E-05	4.10E-05	0.00E+00	2.91E-05	1.00E-06	2.96E-06	0.00E+00
Iowa	Osceola	19143	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	7.19E-06	3.43E-08	7.58E-07	1.50E-03
Iowa	Osceola	19143	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.55E-01	1.55E-01	1.56E-01	1.56E-01	1.56E-01	0.00E+00	4.83E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Osceola	19143	R	Nickel Compounds	1.94E-05	1.94E-05	1.94E-05	2.71E-05	2.71E-05	3.48E-05	3.48E-05	3.48E-05	0.00E+00	2.38E-05	1.97E-06	1.28E-06	0.00E+00
Iowa	Osceola	19143	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	1.38E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Osceola	19143	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Osceola	19143	R	Polycyclic Organic Matter	4.22E-03	4.22E-03	4.22E-03	5.53E-03	5.53E-03	6.84E-03	6.84E-03	6.84E-03	0.00E+00	5.48E-03	1.85E-05	2.90E-05	0.00E+00
Iowa	Osceola	19143	R	7-PAH	1.90E-04	1.90E-04	1.90E-04	2.40E-04	2.40E-04	2.89E-04	2.89E-04	2.89E-04	0.00E+00	2.17E-04	8.20E-06	1.49E-05	0.00E+00
Iowa	Osceola	19143	R	Propylene Dichloride	8.53E-07	8.53E-07	8.53E-07	8.81E-07	8.81E-07	9.08E-07	9.08E-07	9.08E-07	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	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
Iowa	Osceola	19143	R	1,1,2,2-Tetrachloroethane	7.90E-06	7.90E-06	7.90E-06	8.42E-06	8.42E-06	8.94E-06	8.94E-06	8.94E-06	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Osceola	19143	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.15E-02	8.15E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	4.59E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Osceola	19143	R	Vinyl Chloride	3.48E-05	3.48E-05	3.48E-05	4.62E-05	4.62E-05	5.76E-05	5.76E-05	5.76E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	Acetaldehyde	3.10E-02	3.10E-02	3.19E-02	5.98E-02	5.20E-02	6.47E-02	6.48E-02	6.48E-02	6.42E-08	8.84E-03	2.95E-02	1.37E-02	0.00E+00
Iowa	Page	19145	U	Acrolein	4.40E-03	4.40E-03	4.52E-03	1.06E-02	9.02E-03	1.19E-02	1.21E-02	1.21E-02	4.14E-06	3.70E-03	3.84E-03	1.48E-03	0.00E+00
Iowa	Page	19145	U	Acrylonitrile	1.16E-05	1.16E-05	1.26E-05	1.81E-05	1.64E-05	1.90E-05	1.90E-05	1.90E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	Arsenic Compounds	8.53E-07	8.53E-07	9.68E-07	7.57E-06	1.50E-05	3.62E-05	3.67E-05	3.67E-05	5.96E-06	8.91E-06	9.53E-08	5.53E-09	0.00E+00
Iowa	Page	19145	U	Benzene	5.09E-01	5.09E-01	5.10E-01	6.01E-01	5.86E-01	6.47E-01	6.47E-01	6.47E-01	2.65E-05	1.62E-02	6.51E-02	2.46E-02	4.80E-01
Iowa	Page	19145	U	Beryllium Compounds	2.00E-07	2.00E-07	2.03E-07	2.18E-06	2.29E-05	6.55E-05	6.72E-05	6.72E-05	2.07E-05	2.21E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	1,3-Butadiene	1.55E-03	1.55E-03	1.58E-03	1.28E-02	1.05E-02	1.72E-02	1.72E-02	1.72E-02	0.00E+00	1.16E-03	6.07E-03	3.29E-03	0.00E+00
Iowa	Page	19145	U	Cadmium Compounds	1.34E-06	1.34E-06	1.54E-06	5.00E-06	1.70E-05	4.42E-05	4.52E-05	4.52E-05	1.20E-05	5.07E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	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	1.99E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Page	19145	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	1.09E-06	1.65E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Page	19145	U	Chromium Compounds	5.55E-06	5.55E-06	3.65E-05	5.06E-05	4.43E-04	1.24E-03	1.28E-03	1.28E-03	4.09E-04	2.37E-05	6.43E-06	3.95E-06	0.00E+00
Iowa	Page	19145	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
Iowa	Page	19145	U	1,3-Dichloropropene	1.57E-03	1.57E-03	1.67E-03	1.61E-02	1.56E-02	2.91E-02	2.91E-02	2.91E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	Diesel Particulate Matter	4.67E-01	4.67E-01	5.02E-01	7.68E-01	7.44E-01	9.79E-01	9.79E-01	9.79E-01	0.00E+00	0.00E+00	1.37E-01	6.06E-01	***
Iowa	Page	19145	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	2.23E-08	6.18E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Page	19145	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	6.61E-07	7.43E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Page	19145	U	Ethylene Oxide	4.10E-05	4.10E-05	4.29E-05	8.25E-04	6.13E-04	9.72E-04	9.73E-04	9.73E-04	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	Formaldehyde	2.87E-01	2.87E-01	2.98E-01	3.46E-01	3.31E-01	3.54E-01	3.55E-01	3.55E-01	3.82E-06	2.46E-02	3.55E-02	2.08E-02	2.50E-01
Iowa	Page	19145	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.35E-05	9.34E-05	9.35E-05	9.35E-05	9.35E-05	0.00E+00	3.91E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Page	19145	U	Hydrazine	1.70E-10	1.70E-10	4.48E-10	7.22E-09	2.53E-08	6.85E-08	6.85E-08	6.85E-08	1.22E-15	2.53E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	Lead Compounds	2.09E-05	2.09E-05	2.36E-05	1.37E-04	1.12E-04	1.77E-04	1.77E-04	1.77E-04	1.45E-07	1.03E-04	9.13E-06	0.00E+00	0.00E+00
Iowa	Page	19145	U	Manganese Compounds	5.33E-05	5.33E-05	1.25E-03	1.50E-03	1.62E-03	2.67E-03	2.73E-03	2.73E-03	1.37E-03	2.38E-04	2.65E-06	5.05E-06	0.00E+00
Iowa	Page	19145	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	5.04E-06	2.15E-05	8.74E-08	1.01E-06	1.50E-03
Iowa	Page	19145	U	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.80E-01	1.85E-01	2.22E-01	2.22E-01	2.22E-01	4.44E-08	3.51E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Page	19145	U	Nickel Compounds	1.11E-05	1.11E-05	4.49E-05	1.45E-04	5.42E-04	1.44E-03	1.47E-03	1.47E-03	3.13E-04	2.22E-04	4.93E-06	2.49E-06	0.00E+00
Iowa	Page	19145	U	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.54E-01	1.55E-01	1.69E-01	1.69E-01	1.69E-01	7.34E-07	1.47E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Page	19145	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Page	19145	U	Polycyclic Organic Matter	1.99E-03	1.99E-03	2.05E-03	1.63E-02	1.52E-02	2.72E-02	2.72E-02	2.72E-02	3.18E-09	1.51E-02	4.52E-05	6.37E-06	0.00E+00
Iowa	Page	19145	U	7-PAH	1.48E-04	1.48E-04	1.53E-04	1.06E-03	9.24E-04	1.56E-03	1.56E-03	1.56E-03	6.44E-11	9.01E-04	2.01E-05	3.22E-06	0.00E+00
Iowa	Page	19145	U	Propylene Dichloride	5.88E-07	5.88E-07	6.67E-07	1.02E-06	1.28E-06	2.20E-06	2.21E-06	2.21E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	Quinoline	3.72E-09	3.72E-09	5.15E-09	2.21E-08	7.18E-08	1.89E-07	1.89E-07	1.89E-07	0.00E+00	7.18E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	1,1,2,2-Tetrachloroethane	3.48E-06	3.48E-06	3.49E-06	4.13E-06	4.39E-06	5.36E-06	5.74E-06	5.74E-06	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Page	19145	U	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.57E-02	8.68E-02	9.35E-02	9.35E-02	9.35E-02	2.40E-06	5.83E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Page	19145	U	Vinyl Chloride	9.64E-06	9.64E-06	1.14E-05	1.42E-05	1.31E-05	1.45E-05	1.50E-05	1.50E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Palo Alto	19147	R	Acetaldehyde	3.04E-02	3.04E-02	3.69E-02	4.47E-02	4.44E-02	5.19E-02	5.77E-02	5.77E-02	0.00E+00	3.35E-03	2.49E-02	1.62E-02	0.00E+00
Iowa	Palo Alto	19147	R	Acrolein	3.70E-03	3.70E-03	5.56E-03	8.49E-03	7.61E-03	9.66E-03	9.75E-03	9.75E-03	0.00E+00	1.42E-03	3.16E-03	3.02E-03	0.00E+00
Iowa	Palo Alto	19147	R	Acrylonitrile	3.13E-05	3.13E-05	3.55E-05	4.05E-05	3.94E-05	4.33E-05	4.52E-05	4.52E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	Arsenic Compounds	5.65E-07	5.65E-07	8.02E-07	1.09E-06	1.54E-06	2.28E-06	3.42E-06	3.42E-06	0.00E+00	1.50E-06	4.12E-08	2.60E-09	0.00E+00
Iowa	Palo Alto	19147	R	Benzene	5.11E-01	5.11E-01	5.30E-01	5.64E-01	5.55E-01	5.81E-01	5.83E-01	5.83E-01	0.00E+00	5.13E-03	3.82E-02	3.20E-02	4.80E-01
Iowa	Palo Alto	19147	R	Beryllium Compounds	1.54E-07	1.54E-07	2.15E-07	2.97E-07	4.34E-07	6.53E-07	9.88E-07	9.88E-07	0.00E+00	4.34E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	1,3-Butadiene	1.77E-03	1.77E-03	2.35E-03	3.74E-03	4.07E-03	5.79E-03	7.03E-03	7.03E-03	0.00E+00	2.37E-04	2.72E-03	1.11E-03	0.00E+00
Iowa	Palo Alto	19147	R	Cadmium Compounds	6.53E-07	6.53E-07	8.43E-07	1.07E-06	1.21E-06	1.57E-06	2.04E-06	2.04E-06	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	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	1.44E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Palo Alto	19147	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	7.12E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Palo Alto	19147	R	Chromium Compounds	3.77E-06	3.77E-06	4.81E-06	6.84E-06	7.68E-06	1.06E-05	1.33E-05	1.33E-05	0.00E+00	1.71E-06	2.67E-06	3.30E-06	0.00E+00
Iowa	Palo Alto	19147	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
Iowa	Palo Alto	19147	R	1,3-Dichloropropene	1.35E-03	1.35E-03	1.83E-03	2.49E-03	3.75E-03	5.68E-03	8.68E-03	8.68E-03	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	Diesel Particulate Matter	5.09E-01	5.09E-01	5.27E-01	5.71E-01	5.88E-01	6.49E-01	6.99E-01	6.99E-01	0.00E+00	0.00E+00	1.19E-01	4.69E-01	***
Iowa	Palo Alto	19147	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.97E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Palo Alto	19147	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	5.74E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Palo Alto	19147	R	Ethylene Oxide	2.30E-05	2.30E-05	3.43E-05	4.91E-05	7.79E-05	1.21E-04	1.90E-04	1.90E-04	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	Formaldehyde	2.85E-01	2.85E-01	2.92E-01	3.05E-01	3.06E-01	3.19E-01	3.29E-01	3.29E-01	0.00E+00	7.33E-03	2.48E-02	2.36E-02	2.50E-01
Iowa	Palo Alto	19147	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	2.39E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Palo Alto	19147	R	Hydrazine	3.53E-13	3.53E-13	3.12E-12	6.99E-12	1.10E-11	1.88E-11	2.95E-11	2.95E-11	0.00E+00	1.10E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	Lead Compounds	1.17E-05	1.17E-05	1.48E-05	1.85E-05	2.44E-05	3.39E-05	4.87E-05	4.87E-05	0.00E+00	2.07E-05	3.71E-06	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	Manganese Compounds	4.23E-05	4.23E-05	5.76E-05	7.51E-05	9.11E-05	1.25E-04	1.72E-04	1.72E-04	0.00E+00	8.64E-05	1.07E-06	3.56E-06	0.00E+00
Iowa	Palo Alto	19147	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	7.70E-06	3.60E-08	9.42E-07	1.50E-03
Iowa	Palo Alto	19147	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.57E-01	1.60E-01	1.66E-01	1.66E-01	0.00E+00	6.87E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Palo Alto	19147	R	Nickel Compounds	9.75E-06	9.75E-06	1.30E-05	1.65E-05	2.25E-05	3.21E-05	4.73E-05	4.73E-05	0.00E+00	1.89E-05	2.07E-06	1.55E-06	0.00E+00
Iowa	Palo Alto	19147	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.44E-01	1.47E-01	1.49E-01	1.49E-01	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Palo Alto	19147	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Palo Alto	19147	R	Polycyclic Organic Matter	1.57E-03	1.57E-03	2.13E-03	2.91E-03	3.99E-03	5.84E-03	8.56E-03	8.56E-03	0.00E+00	3.95E-03	1.92E-05	1.74E-05	0.00E+00
Iowa	Palo Alto	19147	R	7-PAH	1.08E-04	1.08E-04	1.57E-04	2.12E-04	2.68E-04	3.78E-04	5.39E-04	5.39E-04	0.00E+00	2.50E-04	8.53E-06	8.95E-06	0.00E+00
Iowa	Palo Alto	19147	R	Propylene Dichloride	1.81E-06	1.81E-06	2.03E-06	2.27E-06	2.23E-06	2.43E-06	2.57E-06	2.57E-06	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	Quinoline	1.60E-11	1.60E-11	1.24E-10	2.59E-10	3.15E-10	5.06E-10	7.26E-10	7.26E-10	0.00E+00	3.15E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	1,1,2,2-Tetrachloroethane	1.57E-05	1.57E-05	1.75E-05	1.95E-05	1.93E-05	2.12E-05	2.27E-05	2.27E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Palo Alto	19147	R	Trichloroethylene	8.13E-02	8.13E-02	8.15E-02	8.16E-02	8.19E-02	8.24E-02	8.31E-02	8.31E-02	0.00E+00	9.12E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Palo Alto	19147	R	Vinyl Chloride	3.87E-05	3.87E-05	4.31E-05	4.86E-05	4.83E-05	5.36E-05	5.74E-05	5.74E-05	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	Acetaldehyde	4.14E-02	4.14E-02	4.19E-02	4.91E-02	5.71E-02	7.96E-02	8.12E-02	8.12E-02	1.65E-06	5.16E-03	3.49E-02	1.70E-02	0.00E+00
Iowa	Plymouth	19149	R	Acrolein	4.85E-03	4.85E-03	4.91E-03	5.82E-03	7.20E-03	1.08E-02	1.10E-02	1.10E-02	8.41E-07	1.17E-03	4.26E-03	1.77E-03	0.00E+00
Iowa	Plymouth	19149	R	Acrylonitrile	3.84E-05	3.84E-05	4.33E-05	4.95E-05	4.98E-05	5.13E-05	6.70E-05	6.70E-05	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	Arsenic Compounds	1.31E-06	1.31E-06	1.49E-06	5.03E-06	6.05E-06	1.17E-05	1.17E-05	1.17E-05	1.33E-06	4.65E-06	6.36E-08	3.58E-09	0.00E+00
Iowa	Plymouth	19149	R	Benzene	5.20E-01	5.20E-01	5.23E-01	5.28E-01	5.57E-01	6.19E-01	6.21E-01	6.21E-01	4.71E-06	5.38E-03	6.36E-02	7.74E-03	4.80E-01
Iowa	Plymouth	19149	R	Beryllium Compounds	3.12E-07	3.12E-07	3.39E-07	5.13E-07	1.36E-06	3.25E-06	3.25E-06	3.25E-06	6.98E-08	1.29E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	1,3-Butadiene	2.27E-03	2.27E-03	2.47E-03	2.80E-03	6.03E-03	1.29E-02	1.29E-02	1.29E-02	0.00E+00	6.55E-05	5.35E-03	6.17E-04	0.00E+00
Iowa	Plymouth	19149	R	Cadmium Compounds	1.23E-06	1.23E-06	1.26E-06	1.78E-06	2.88E-06	5.60E-06	5.60E-06	5.60E-06	1.72E-07	2.70E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	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	1.59E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Plymouth	19149	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.34E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Plymouth	19149	R	Chromium Compounds	6.34E-06	6.34E-06	1.18E-05	1.90E-05	2.11E-05	3.51E-05	3.53E-05	3.53E-05	8.69E-07	1.02E-05	4.34E-06	5.64E-06	0.00E+00
Iowa	Plymouth	19149	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
Iowa	Plymouth	19149	R	1,3-Dichloropropene	1.93E-03	1.93E-03	2.47E-03	2.69E-03	9.88E-03	2.47E-02	2.48E-02	2.48E-02	0.00E+00	9.88E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	Diesel Particulate Matter	4.34E-01	4.34E-01	4.48E-01	4.61E-01	5.43E-01	7.27E-01	7.28E-01	7.28E-01	0.00E+00	0.00E+00	1.04E-01	4.39E-01	***
Iowa	Plymouth	19149	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	3.35E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Plymouth	19149	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	1.45E-07	7.57E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Plymouth	19149	R	Ethylene Oxide	4.68E-05	4.68E-05	5.00E-05	6.35E-05	1.41E-04	3.05E-04	3.19E-04	3.19E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	Formaldehyde	2.95E-01	2.95E-01	2.96E-01	3.04E-01	3.22E-01	3.65E-01	3.66E-01	3.66E-01	1.03E-05	6.93E-03	3.79E-02	2.67E-02	2.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Plymouth	19149	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	2.25E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Plymouth	19149	R	Hydrazine	3.47E-10	3.47E-10	3.65E-10	5.13E-10	6.33E-10	1.00E-09	1.06E-09	1.06E-09	0.00E+00	6.33E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	Lead Compounds	1.91E-05	1.91E-05	2.96E-05	4.83E-05	5.20E-05	8.32E-05	8.35E-05	8.35E-05	1.41E-06	4.33E-05	6.12E-06	1.23E-06	0.00E+00
Iowa	Plymouth	19149	R	Manganese Compounds	3.83E-05	3.83E-05	4.35E-05	5.63E-05	1.67E-04	4.05E-04	4.05E-04	4.05E-04	1.62E-06	1.58E-04	1.76E-06	5.95E-06	0.00E+00
Iowa	Plymouth	19149	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	4.49E-07	1.18E-05	5.88E-08	1.62E-06	1.50E-03
Iowa	Plymouth	19149	R	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.56E-01	1.70E-01	2.00E-01	2.00E-01	2.00E-01	3.44E-04	1.98E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Plymouth	19149	R	Nickel Compounds	1.57E-05	1.57E-05	2.64E-05	3.17E-05	8.38E-05	1.99E-04	1.99E-04	1.99E-04	9.10E-07	7.70E-05	3.33E-06	2.55E-06	0.00E+00
Iowa	Plymouth	19149	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.47E-01	1.57E-01	1.57E-01	1.57E-01	1.45E-07	7.15E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Plymouth	19149	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Plymouth	19149	R	Polycyclic Organic Matter	2.18E-03	2.18E-03	2.70E-03	3.08E-03	9.30E-03	2.24E-02	2.24E-02	2.24E-02	6.84E-08	9.27E-03	3.09E-05	2.31E-06	0.00E+00
Iowa	Plymouth	19149	R	7-PAH	1.44E-04	1.44E-04	1.74E-04	2.01E-04	5.53E-04	1.30E-03	1.30E-03	1.30E-03	1.39E-09	5.38E-04	1.37E-05	1.03E-06	0.00E+00
Iowa	Plymouth	19149	R	Propylene Dichloride	2.22E-06	2.22E-06	2.55E-06	2.92E-06	2.93E-06	3.01E-06	3.96E-06	3.96E-06	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	Quinoline	6.42E-09	6.42E-09	7.13E-09	8.11E-09	9.93E-09	1.46E-08	1.52E-08	1.52E-08	0.00E+00	9.93E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	1,1,2,2-Tetrachloroethane	1.85E-05	1.85E-05	2.06E-05	2.44E-05	2.46E-05	2.57E-05	3.42E-05	3.42E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Plymouth	19149	R	Trichloroethylene	8.14E-02	8.14E-02	8.16E-02	8.18E-02	8.35E-02	8.72E-02	8.72E-02	8.72E-02	0.00E+00	2.53E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Plymouth	19149	R	Vinyl Chloride	4.58E-05	4.58E-05	5.12E-05	6.04E-05	6.09E-05	6.35E-05	8.44E-05	8.44E-05	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pocahontas	19151	R	Acetaldehyde	3.61E-02	3.61E-02	3.61E-02	4.34E-02	4.13E-02	4.45E-02	4.45E-02	4.45E-02	0.00E+00	2.93E-03	2.63E-02	1.21E-02	0.00E+00
Iowa	Pocahontas	19151	R	Acrolein	4.00E-03	4.00E-03	4.00E-03	4.81E-03	4.63E-03	5.08E-03	5.08E-03	5.08E-03	0.00E+00	3.75E-04	3.35E-03	9.02E-04	0.00E+00
Iowa	Pocahontas	19151	R	Acrylonitrile	1.06E-05	1.06E-05	1.06E-05	1.08E-05	1.15E-05	1.31E-05	1.31E-05	1.31E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pocahontas	19151	R	Arsenic Compounds	7.83E-07	7.83E-07	7.83E-07	9.13E-07	8.91E-07	9.78E-07	9.78E-07	9.78E-07	0.00E+00	8.62E-07	2.73E-08	1.71E-09	0.00E+00
Iowa	Pocahontas	19151	R	Benzene	5.19E-01	5.19E-01	5.19E-01	5.23E-01	5.22E-01	5.25E-01	5.25E-01	5.25E-01	0.00E+00	1.64E-03	3.51E-02	5.68E-03	4.80E-01
Iowa	Pocahontas	19151	R	Beryllium Compounds	2.11E-07	2.11E-07	2.11E-07	2.35E-07	2.38E-07	2.68E-07	2.68E-07	2.68E-07	0.00E+00	2.38E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Pocahontas	19151	R	1,3-Butadiene	2.41E-03	2.41E-03	2.41E-03	2.45E-03	2.45E-03	2.50E-03	2.50E-03	2.50E-03	0.00E+00	2.45E-05	2.04E-03	3.93E-04	0.00E+00
Iowa	Pocahontas	19151	R	Cadmium Compounds	7.44E-07	7.44E-07	7.44E-07	8.67E-07	8.27E-07	8.69E-07	8.69E-07	8.69E-07	0.00E+00	8.27E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Pocahontas	19151	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	1.07E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Pocahontas	19151	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	5.19E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Pocahontas	19151	R	Chromium Compounds	4.43E-06	4.43E-06	4.43E-06	8.48E-06	8.69E-06	1.32E-05	1.32E-05	1.32E-05	0.00E+00	4.98E-06	1.78E-06	1.93E-06	0.00E+00
Iowa	Pocahontas	19151	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
Iowa	Pocahontas	19151	R	1,3-Dichloropropene	1.81E-03	1.81E-03	1.81E-03	1.90E-03	1.98E-03	2.24E-03	2.24E-03	2.24E-03	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Pocahontas	19151	R	Diesel Particulate Matter	5.24E-01	5.24E-01	5.24E-01	5.36E-01	5.34E-01	5.41E-01	5.41E-01	5.41E-01	0.00E+00	0.00E+00	1.15E-01	4.19E-01	***
Iowa	Pocahontas	19151	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	5.89E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Pocahontas	19151	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
Iowa	Pocahontas	19151	R	Ethylene Oxide	2.75E-05	2.75E-05	2.75E-05	3.29E-05	3.21E-05	3.59E-05	3.59E-05	3.59E-05	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pocahontas	19151	R	Formaldehyde	2.90E-01	2.90E-01	2.90E-01	2.98E-01	2.96E-01	2.99E-01	2.99E-01	2.99E-01	0.00E+00	4.18E-03	2.49E-02	1.67E-02	2.50E-01
Iowa	Pocahontas	19151	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	1.95E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Pocahontas	19151	R	Hydrazine	8.10E-12	8.10E-12	8.10E-12	6.92E-11	5.45E-11	8.63E-11	8.63E-11	8.63E-11	0.00E+00	5.45E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Pocahontas	19151	R	Lead Compounds	1.41E-05	1.41E-05	1.41E-05	3.23E-05	2.83E-05	3.85E-05	3.85E-05	3.85E-05	0.00E+00	1.26E-05	2.43E-06	1.32E-05	0.00E+00
Iowa	Pocahontas	19151	R	Manganese Compounds	2.64E-05	2.64E-05	2.64E-05	2.65E-05	3.30E-05	4.63E-05	4.63E-05	4.63E-05	0.00E+00	3.02E-05	6.94E-07	2.14E-06	0.00E+00
Iowa	Pocahontas	19151	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	6.06E-06	2.39E-08	5.56E-07	1.50E-03
Iowa	Pocahontas	19151	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	3.60E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Pocahontas	19151	R	Nickel Compounds	1.40E-05	1.40E-05	1.40E-05	1.73E-05	1.63E-05	1.77E-05	1.77E-05	1.77E-05	0.00E+00	1.40E-05	1.38E-06	9.12E-07	0.00E+00
Iowa	Pocahontas	19151	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	2.23E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Pocahontas	19151	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Pocahontas	19151															

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Polk	19153	U	Acrylonitrile	3.18E-04	3.41E-04	3.71E-04	4.41E-04	4.98E-04	5.37E-04	6.93E-04	8.87E-04	4.37E-04	6.11E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	Arsenic Compounds	8.64E-06	1.38E-05	2.52E-05	3.25E-05	3.37E-05	4.04E-05	5.52E-05	6.37E-05	7.04E-07	3.26E-05	3.42E-07	4.71E-08	0.00E+00
Iowa	Polk	19153	U	Benzene	8.22E-01	9.12E-01	1.19E+00	1.34E+00	1.32E+00	1.48E+00	1.59E+00	1.67E+00	1.13E-03	2.05E-02	6.13E-01	2.01E-01	4.80E-01
Iowa	Polk	19153	U	Beryllium Compounds	2.16E-06	3.39E-06	7.18E-06	9.47E-06	9.48E-06	1.14E-05	1.46E-05	1.88E-05	3.89E-08	9.44E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	1,3-Butadiene	2.28E-02	3.20E-02	6.77E-02	8.32E-02	8.19E-02	1.01E-01	1.15E-01	1.30E-01	0.00E+00	6.08E-04	5.56E-02	2.56E-02	0.00E+00
Iowa	Polk	19153	U	Cadmium Compounds	1.28E-05	1.54E-05	1.85E-05	2.20E-05	2.29E-05	2.63E-05	3.28E-05	3.55E-05	9.82E-08	2.28E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.01E-07	1.51E-04	0.00E+00	0.00E+00	8.80E-01
Iowa	Polk	19153	U	Chloroform	8.38E-02	8.39E-02	8.39E-02	8.40E-02	8.41E-02	8.42E-02	8.44E-02	8.46E-02	4.66E-06	1.10E-03	0.00E+00	0.00E+00	8.30E-02
Iowa	Polk	19153	U	Chromium Compounds	1.46E-04	1.86E-04	2.74E-04	3.66E-04	4.02E-04	4.61E-04	6.39E-04	9.15E-04	1.74E-04	1.77E-04	2.22E-05	2.85E-05	0.00E+00
Iowa	Polk	19153	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
Iowa	Polk	19153	U	1,3-Dichloropropene	1.11E-02	2.17E-02	5.05E-02	6.26E-02	6.13E-02	7.73E-02	8.98E-02	9.82E-02	0.00E+00	6.13E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	Diesel Particulate Matter	8.61E-01	9.05E-01	9.44E-01	1.10E+00	1.19E+00	1.33E+00	1.61E+00	1.82E+00	0.00E+00	0.00E+00	3.67E-01	8.22E-01	***
Iowa	Polk	19153	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	2.45E-07	1.31E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Polk	19153	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	5.29E-05	1.20E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Polk	19153	U	Ethylene Oxide	4.72E-04	7.17E-04	1.26E-03	1.93E-03	2.09E-03	2.66E-03	3.50E-03	4.57E-03	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	Formaldehyde	5.75E-01	6.18E-01	7.43E-01	7.89E-01	7.86E-01	8.54E-01	9.24E-01	9.93E-01	6.27E-07	3.74E-02	3.18E-01	1.80E-01	2.50E-01
Iowa	Polk	19153	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	9.55E-08	0.00E+00	0.00E+00	9.30E-05
Iowa	Polk	19153	U	Hydrazine	3.46E-09	8.40E-09	1.39E-08	2.49E-08	4.33E-08	5.49E-08	1.05E-07	1.55E-07	0.00E+00	4.33E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	Lead Compounds	4.96E-04	5.96E-04	8.53E-04	1.28E-03	2.03E-03	1.87E-03	3.63E-03	6.36E-03	7.95E-07	3.11E-04	3.11E-05	1.68E-03	0.00E+00
Iowa	Polk	19153	U	Manganese Compounds	2.48E-04	4.44E-04	9.52E-04	1.18E-03	1.15E-03	1.44E-03	1.69E-03	1.79E-03	8.86E-07	1.11E-03	9.14E-06	3.35E-05	0.00E+00
Iowa	Polk	19153	U	Mercury Compounds	1.58E-03	1.58E-03	1.59E-03	1.60E-03	1.61E-03	1.62E-03	1.65E-03	1.68E-03	6.06E-07	1.03E-04	2.94E-07	7.66E-06	1.50E-03
Iowa	Polk	19153	U	Methylene Chloride	1.83E-01	2.08E-01	2.52E-01	2.84E-01	2.93E-01	3.24E-01	3.94E-01	4.45E-01	1.58E-03	1.42E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Polk	19153	U	Nickel Compounds	1.18E-04	2.20E-04	3.16E-04	4.46E-04	5.40E-04	6.85E-04	1.02E-03	1.25E-03	3.90E-06	5.03E-04	1.73E-05	1.59E-05	0.00E+00
Iowa	Polk	19153	U	Perchloroethylene	1.67E-01	1.87E-01	2.42E-01	2.66E-01	2.67E-01	2.98E-01	3.47E-01	3.72E-01	8.00E-04	1.26E-01	0.00E+00	0.00E+00	1.40E-01
Iowa	Polk	19153	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Polk	19153	U	Polycyclic Organic Matter	1.28E-02	2.29E-02	5.03E-02	6.00E-02	5.92E-02	7.61E-02	8.80E-02	9.13E-02	1.28E-03	5.77E-02	1.57E-04	7.69E-05	0.00E+00
Iowa	Polk	19153	U	7-PAH	8.44E-04	1.46E-03	3.00E-03	3.69E-03	3.58E-03	4.40E-03	5.12E-03	5.51E-03	8.77E-10	3.48E-03	6.96E-05	2.97E-05	0.00E+00
Iowa	Polk	19153	U	Propylene Dichloride	1.90E-05	2.04E-05	2.23E-05	2.71E-05	3.02E-05	3.37E-05	4.08E-05	5.34E-05	2.65E-05	3.68E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	Quinoline	3.14E-08	4.94E-08	7.01E-08	1.03E-07	1.51E-07	1.86E-07	3.13E-07	4.49E-07	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	1,1,2,2-Tetrachloroethane	1.61E-04	1.73E-04	1.87E-04	2.19E-04	2.52E-04	2.66E-04	3.55E-04	4.51E-04	2.43E-04	9.46E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Polk	19153	U	Trichloroethylene	9.06E-02	9.99E-02	1.08E-01	1.21E-01	1.32E-01	1.45E-01	1.72E-01	2.13E-01	4.79E-04	5.01E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Polk	19153	U	Vinyl Chloride	4.02E-04	4.31E-04	4.68E-04	5.52E-04	6.29E-04	6.74E-04	8.81E-04	1.12E-03	5.97E-04	3.23E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pottawattamie	19155	U	Acetaldehyde	7.42E-02	1.19E-01	2.70E-01	3.44E-01	3.54E-01	4.33E-01	5.47E-01	5.97E-01	5.24E-05	3.00E-02	1.89E-01	1.35E-01	0.00E+00
Iowa	Pottawattamie	19155	U	Acrolein	8.31E-03	1.32E-02	3.50E-02	4.81E-02	4.85E-02	6.13E-02	7.44E-02	8.58E-02	2.66E-05	7.41E-03	2.09E-02	2.02E-02	0.00E+00
Iowa	Pottawattamie	19155	U	Acrylonitrile	1.62E-05	5.51E-05	1.12E-04	1.37E-04	1.83E-04	2.03E-04	3.23E-04	3.27E-04	1.43E-04	4.03E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pottawattamie	19155	U	Arsenic Compounds	1.40E-05	2.97E-05	1.26E-04	2.39E-04	2.60E-04	3.52E-04	4.76E-04	5.96E-04	1.44E-04	1.16E-04	1.75E-07	7.09E-08	0.00E+00
Iowa	Pottawattamie	19155	U	Benzene	5.56E-01	5.82E-01	7.99E-01	9.96E-01	9.58E-01	1.10E+00	1.27E+00	1.31E+00	5.04E-04	5.47E-02	3.38E-01	8.51E-02	4.80E-01
Iowa	Pottawattamie	19155	U	Beryllium Compounds	1.08E-06	1.60E-06	8.80E-06	1.88E-05	2.12E-05	3.00E-05	3.89E-05	4.37E-05	1.56E-05	5.56E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Pottawattamie	19155	U	1,3-Butadiene	4.68E-03	5.35E-03	2.25E-02	4.85E-02	4.42E-02	5.68E-02	8.46E-02	9.04E-02	0.00E+00	1.39E-03	2.95E-02	1.33E-02	0.00E+00
Iowa	Pottawattamie	19155	U	Cadmium Compounds	3.74E-06	6.33E-06	1.99E-05	3.67E-05	4.26E-05	5.61E-05	7.90E-05	1.15E-04	2.66E-05	1.60E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pottawattamie	19155	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	6.55E-06	9.69E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Pottawattamie	19155	U	Chloroform	8.32E-02	8.33E-02	8.37E-02	8.38E-02	8.38E-02	8.41E-02	8.42E-02	8.42E-02	2.78E-05	8.12E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Pottawattamie	19155	U	Chromium Compounds	2.15E-05	3.33E-05	1.28E-04	2.00E-04	2.04E-04	2.70E-04	3.39E-04	4.22E-04	5.49E-05	1.17E-04	1.19E-05	2.00E-05	0.00E+00
Iowa</																	

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Pottawattamie	19155	U	Lead Compounds	4.56E-04	6.18E-04	4.19E-03	7.81E-03	1.18E-02	1.86E-02	2.62E-02	3.26E-02	5.16E-03	2.18E-03	1.67E-05	4.44E-03	0.00E+00
Iowa	Pottawattamie	19155	U	Manganese Compounds	1.14E-04	2.68E-04	1.13E-03	2.80E-03	2.54E-03	4.03E-03	4.58E-03	4.77E-03	2.34E-04	2.27E-03	4.84E-06	2.31E-05	0.00E+00
Iowa	Pottawattamie	19155	U	Mercury Compounds	1.53E-03	1.54E-03	1.60E-03	1.62E-03	1.62E-03	1.64E-03	1.66E-03	1.67E-03	2.69E-05	8.84E-05	1.58E-07	5.34E-06	1.50E-03
Iowa	Pottawattamie	19155	U	Methylene Chloride	1.63E-01	1.81E-01	3.06E-01	6.05E-01	1.15E+00	9.16E-01	2.47E+00	2.84E+00	8.50E-01	1.47E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Pottawattamie	19155	U	Nickel Compounds	2.77E-05	4.36E-05	1.75E-04	4.06E-04	4.08E-04	5.83E-04	7.09E-04	8.39E-04	9.56E-05	2.92E-04	9.13E-06	1.14E-05	0.00E+00
Iowa	Pottawattamie	19155	U	Perchloroethylene	1.42E-01	1.44E-01	1.57E-01	1.74E-01	1.73E-01	1.85E-01	2.00E-01	2.05E-01	2.79E-04	3.25E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Pottawattamie	19155	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Pottawattamie	19155	U	Polycyclic Organic Matter	2.88E-03	5.31E-03	2.31E-02	5.08E-02	4.64E-02	5.91E-02	8.04E-02	9.94E-02	3.15E-05	4.62E-02	8.39E-05	7.07E-05	0.00E+00
Iowa	Pottawattamie	19155	U	7-PAH	1.81E-04	3.44E-04	1.43E-03	3.09E-03	2.73E-03	3.51E-03	4.61E-03	5.75E-03	3.79E-08	2.68E-03	3.72E-05	1.12E-05	0.00E+00
Iowa	Pottawattamie	19155	U	Propylene Dichloride	6.92E-07	7.61E-06	1.75E-05	2.29E-05	2.46E-05	2.94E-05	3.93E-05	4.03E-05	8.65E-06	1.60E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pottawattamie	19155	U	Quinoline	2.65E-09	9.31E-09	2.30E-08	4.99E-08	5.26E-08	7.55E-08	8.97E-08	1.11E-07	0.00E+00	5.26E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Pottawattamie	19155	U	1,1,2,2-Tetrachloroethane	3.40E-06	2.98E-05	6.68E-05	9.01E-05	1.11E-04	1.30E-04	1.96E-04	1.97E-04	7.92E-05	3.18E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Pottawattamie	19155	U	Trichloroethylene	8.18E-02	8.33E-02	8.89E-02	9.81E-02	9.79E-02	1.06E-01	1.12E-01	1.17E-01	3.51E-03	1.34E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Pottawattamie	19155	U	Vinyl Chloride	9.14E-06	5.89E-05	1.32E-04	1.80E-04	2.36E-04	2.72E-04	4.30E-04	4.33E-04	1.95E-04	4.11E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Acetaldehyde	2.72E-02	2.72E-02	3.21E-02	3.38E-02	4.35E-02	6.21E-02	6.24E-02	6.24E-02	2.19E-06	4.59E-03	2.66E-02	1.23E-02	0.00E+00
Iowa	Poweshiek	19157	R	Acrolein	4.18E-03	4.18E-03	4.86E-03	4.97E-03	7.00E-03	1.05E-02	1.05E-02	1.05E-02	1.11E-06	2.15E-03	3.42E-03	1.43E-03	0.00E+00
Iowa	Poweshiek	19157	R	Acrylonitrile	2.54E-05	2.54E-05	2.69E-05	2.85E-05	2.80E-05	2.86E-05	3.04E-05	3.04E-05	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Arsenic Compounds	7.35E-07	7.35E-07	8.91E-07	3.12E-06	6.45E-06	1.37E-05	1.38E-05	1.38E-05	1.60E-06	4.78E-06	6.57E-08	4.29E-09	0.00E+00
Iowa	Poweshiek	19157	R	Benzene	5.11E-01	5.11E-01	5.15E-01	5.16E-01	5.47E-01	5.98E-01	5.98E-01	5.98E-01	5.90E-06	6.43E-03	5.43E-02	6.70E-03	4.80E-01
Iowa	Poweshiek	19157	R	Beryllium Compounds	1.98E-07	1.98E-07	2.38E-07	3.76E-07	1.34E-06	2.94E-06	2.94E-06	2.94E-06	8.43E-08	1.25E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	1,3-Butadiene	2.07E-03	2.07E-03	2.15E-03	2.32E-03	5.98E-03	1.17E-02	1.17E-02	1.17E-02	0.00E+00	5.62E-04	4.85E-03	5.72E-04	0.00E+00
Iowa	Poweshiek	19157	R	Cadmium Compounds	7.94E-07	7.94E-07	1.02E-06	1.33E-06	2.93E-06	5.76E-06	5.76E-06	5.76E-06	2.10E-07	2.72E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	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	1.44E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Poweshiek	19157	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.24E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Poweshiek	19157	R	Chromium Compounds	5.79E-06	5.79E-06	1.22E-05	2.21E-05	3.40E-05	6.38E-05	6.62E-05	6.62E-05	6.86E-06	1.84E-05	4.23E-06	4.52E-06	0.00E+00
Iowa	Poweshiek	19157	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
Iowa	Poweshiek	19157	R	1,3-Dichloropropene	1.63E-03	1.63E-03	1.78E-03	2.18E-03	9.33E-03	2.05E-02	2.06E-02	2.06E-02	0.00E+00	9.33E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Diesel Particulate Matter	4.51E-01	4.51E-01	4.69E-01	4.83E-01	5.62E-01	7.03E-01	7.04E-01	7.04E-01	0.00E+00	0.00E+00	1.36E-01	4.25E-01	***
Iowa	Poweshiek	19157	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	1.62E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Poweshiek	19157	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	1.81E-07	4.58E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Poweshiek	19157	R	Ethylene Oxide	2.76E-05	2.76E-05	3.45E-05	3.64E-05	1.78E-04	3.94E-04	3.96E-04	3.96E-04	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Formaldehyde	2.84E-01	2.84E-01	2.89E-01	2.90E-01	3.12E-01	3.48E-01	3.48E-01	3.48E-01	1.64E-06	1.02E-02	3.18E-02	1.99E-02	2.50E-01
Iowa	Poweshiek	19157	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	1.57E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Poweshiek	19157	R	Hydrazine	4.17E-11	4.17E-11	4.54E-11	1.73E-10	1.72E-10	2.99E-10	3.00E-10	3.00E-10	0.00E+00	1.72E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Lead Compounds	1.24E-05	1.24E-05	1.56E-05	1.78E-05	4.21E-05	8.22E-05	8.24E-05	8.24E-05	1.72E-06	3.44E-05	5.94E-06	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Manganese Compounds	2.88E-05	2.88E-05	3.31E-05	4.07E-05	1.54E-04	3.34E-04	3.35E-04	3.35E-04	1.96E-06	1.46E-04	1.72E-06	4.83E-06	0.00E+00
Iowa	Poweshiek	19157	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	5.37E-07	1.10E-05	5.86E-08	1.28E-06	1.50E-03
Iowa	Poweshiek	19157	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.56E-01	1.73E-01	2.00E-01	2.00E-01	2.00E-01	3.26E-04	2.24E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Poweshiek	19157	R	Nickel Compounds	1.63E-05	1.63E-05	2.45E-05	3.98E-05	1.32E-04	2.89E-04	2.90E-04	2.90E-04	1.34E-06	1.25E-04	3.25E-06	2.12E-06	0.00E+00
Iowa	Poweshiek	19157	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.49E-01	1.60E-01	1.60E-01	1.60E-01	1.86E-07	9.06E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Poweshiek	19157	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Poweshiek	19157	R	Polycyclic Organic Matter	1.82E-03	1.82E-03	2.05E-03	2.44E-03	8.58E-03	1.83E-02	1.83E-02	1.83E-02	8.91E-08	8.55E-03	3.00E-05	1.97E-06	0.00E+00
Iowa	Poweshiek	19157	R	7-PAH	1.34E-04	1.34E-04	1.51E-04	1.74E-04	5.26E-04	1.08E-03	1.09E-03	1.09E-03	1.72E-09	5.12E-04	1.33E-05	8.90E-07	0.00E+00
Iowa	Poweshiek	19157	R	Propylene Dichloride	1.46E-06	1.46E-06	1.53E-06	1.60E-06	1.58E-06	1.60E-06	1.73E-06	1.73E-06	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Quinoline	1.27E-09	1.27E-09	1.30E-09	3.86E-09	3.58E-09	5.74E-09	5.75E-09	5.75E-09	0.00E+00	3.58E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	1,1,2,2-Tetrachloroethane	1.24E-05	1.24E-05	1.26E-05	1.26E-05	1.30E-05	1.27E-05	1.46E-05	1.46E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Poweshiek	19157	R	Trichloroethylene	8.14E-02	8.14E-02	8.15E-02	8.16E-02	8.49E-02	9.01E-02	9.01E-02	9.01E-02	0.00E+00	3.94E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Poweshiek	19157	R	Vinyl Chloride	3.73E-05	3.73E-05	4.60E-05	4.62E-05	5.27E-05	5.34E-05	5.34E-05	5.34E-05	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Acetaldehyde	2.59E-02	2.59E-02	2.59E-02	2.64E-02	2.64E-02	2.69E-02	2.69E-02	2.69E-02	0.00E+00	4.22E-03	1.66E-02	5.60E-03	0.00E+00
Iowa	Ringgold	19159	R	Acrolein	5.94E-03	5.94E-03	5.94E-03	6.02E-03	6.02E-03	6.10E-03	6.10E-03	6.10E-03	0.00E+00	3.39E-03	2.12E-03	5.13E-04	0.00E+00
Iowa	Ringgold	19159	R	Acrylonitrile	1.05E-05	1.05E-05	1.05E-05	1.09E-05	1.09E-05	1.13E-05	1.13E-05	1.13E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Arsenic Compounds	5.37E-07	5.37E-07	5.37E-07	5.58E-07	5.58E-07	5.78E-07	5.78E-07	5.78E-07	0.00E+00	5.36E-07	2.04E-08	1.13E-09	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Ringgold	19159	R	Benzene	5.18E-01	5.18E-01	5.18E-01	5.18E-01	5.18E-01	5.19E-01	5.19E-01	5.19E-01	0.00E+00	7.73E-03	2.72E-02	3.46E-03	4.80E-01
Iowa	Ringgold	19159	R	Beryllium Compounds	1.52E-07	1.52E-07	1.52E-07	1.58E-07	1.58E-07	1.63E-07	1.63E-07	1.63E-07	0.00E+00	1.58E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	1,3-Butadiene	3.52E-03	3.52E-03	3.52E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	0.00E+00	1.18E-03	2.05E-03	3.03E-04	0.00E+00
Iowa	Ringgold	19159	R	Cadmium Compounds	6.17E-07	6.17E-07	6.17E-07	6.30E-07	6.30E-07	6.43E-07	6.43E-07	6.43E-07	0.00E+00	6.30E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	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
Iowa	Ringgold	19159	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	4.74E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Ringgold	19159	R	Chromium Compounds	3.73E-06	3.73E-06	3.73E-06	8.50E-06	8.50E-06	1.33E-05	1.33E-05	1.33E-05	0.00E+00	5.76E-06	1.33E-06	1.41E-06	0.00E+00
Iowa	Ringgold	19159	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
Iowa	Ringgold	19159	R	1,3-Dichloropropene	1.47E-03	1.47E-03	1.47E-03	1.51E-03	1.51E-03	1.55E-03	1.55E-03	1.55E-03	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Diesel Particulate Matter	4.45E-01	4.45E-01	4.45E-01	4.48E-01	4.48E-01	4.51E-01	4.51E-01	4.51E-01	0.00E+00	0.00E+00	1.15E-01	3.33E-01	***
Iowa	Ringgold	19159	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.51E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Ringgold	19159	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	1.76E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Ringgold	19159	R	Ethylene Oxide	1.91E-05	1.91E-05	1.91E-05	2.08E-05	2.08E-05	2.24E-05	2.24E-05	2.24E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Formaldehyde	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	0.00E+00	1.58E-02	1.72E-02	7.93E-03	2.50E-01
Iowa	Ringgold	19159	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	1.55E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Ringgold	19159	R	Hydrazine	6.07E-11	6.07E-11	6.07E-11	9.74E-11	9.74E-11	1.34E-10	1.34E-10	1.34E-10	0.00E+00	9.74E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Lead Compounds	1.32E-05	1.32E-05	1.32E-05	1.34E-05	1.34E-05	1.36E-05	1.36E-05	1.36E-05	0.00E+00	1.16E-05	1.84E-06	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Manganese Compounds	2.38E-05	2.38E-05	2.38E-05	2.91E-05	2.91E-05	3.44E-05	3.44E-05	3.44E-05	0.00E+00	2.70E-05	5.32E-07	1.56E-06	0.00E+00
Iowa	Ringgold	19159	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	5.07E-06	1.77E-08	3.98E-07	1.50E-03
Iowa	Ringgold	19159	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	2.58E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Ringgold	19159	R	Nickel Compounds	7.48E-06	7.48E-06	7.48E-06	1.22E-05	1.22E-05	1.69E-05	1.69E-05	1.69E-05	0.00E+00	1.05E-05	1.03E-06	6.87E-07	0.00E+00
Iowa	Ringgold	19159	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	8.42E-04	0.00E+00	0.00E+00	1.40E-01
Iowa	Ringgold	19159	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Ringgold	19159	R	Polycyclic Organic Matter	2.01E-03	2.01E-03	2.01E-03	2.05E-03	2.05E-03	2.08E-03	2.08E-03	2.08E-03	0.00E+00	2.04E-03	9.58E-06	1.02E-06	0.00E+00
Iowa	Ringgold	19159	R	7-PAH	1.87E-04	1.87E-04	1.87E-04	1.87E-04	1.87E-04	1.88E-04	1.88E-04	1.88E-04	0.00E+00	1.83E-04	4.26E-06	4.89E-07	0.00E+00
Iowa	Ringgold	19159	R	Propylene Dichloride	5.75E-07	5.75E-07	5.75E-07	6.02E-07	6.02E-07	6.29E-07	6.29E-07	6.29E-07	0.00E+00	6.02E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Quinoline	1.51E-09	1.51E-09	1.51E-09	2.01E-09	2.01E-09	2.52E-09	2.52E-09	2.52E-09	0.00E+00	2.01E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	1,1,2,2-Tetrachloroethane	4.51E-06	4.51E-06	4.51E-06	4.70E-06	4.70E-06	4.89E-06	4.89E-06	4.89E-06	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Ringgold	19159	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	2.71E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Ringgold	19159	R	Vinyl Chloride	1.12E-05	1.12E-05	1.12E-05	1.17E-05	1.17E-05	1.22E-05	1.22E-05	1.22E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Acetaldehyde	4.76E-02	4.76E-02	4.80E-02	4.91E-02	5.08E-02	5.37E-02	5.74E-02	5.74E-02	0.00E+00	4.31E-03	3.35E-02	1.30E-02	0.00E+00
Iowa	Sac	19161	R	Acrolein	5.70E-03	5.70E-03	5.78E-03	5.90E-03	6.30E-03	6.83E-03	7.72E-03	7.72E-03	0.00E+00	9.95E-04	4.25E-03	1.05E-03	0.00E+00
Iowa	Sac	19161	R	Acrylonitrile	1.68E-05	1.68E-05	1.77E-05	1.93E-05	1.92E-05	2.06E-05	2.13E-05	2.13E-05	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Arsenic Compounds	8.97E-07	8.97E-07	9.17E-07	9.83E-07	1.22E-06	1.52E-06	2.01E-06	2.01E-06	0.00E+00	1.18E-06	3.56E-08	1.92E-09	0.00E+00
Iowa	Sac	19161	R	Benzene	5.31E-01	5.31E-01	5.31E-01	5.33E-01	5.37E-01	5.43E-01	5.52E-01	5.52E-01	0.00E+00	3.55E-03	4.67E-02	6.67E-03	4.80E-01
Iowa	Sac	19161	R	Beryllium Compounds	2.57E-07	2.57E-07	2.63E-07	2.80E-07	3.54E-07	4.44E-07	5.98E-07	5.98E-07	0.00E+00	3.54E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	1,3-Butadiene	2.93E-03	2.93E-03	2.99E-03	3.09E-03	3.61E-03	4.24E-03	5.34E-03	5.34E-03	0.00E+00	2.36E-04	2.88E-03	4.94E-04	0.00E+00
Iowa	Sac	19161	R	Cadmium Compounds	9.20E-07	9.20E-07	9.46E-07	9.90E-07	1.08E-06	1.21E-06	1.41E-06	1.41E-06	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.29E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Sac	19161	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	6.17E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Sac	19161	R	Chromium Compounds	1.31E-04	1.31E-04	1.34E-04	2.01E-04	3.34E-04	5.34E-04	8.03E-04	8.03E-04	0.00E+00	3.29E-04	2.36E-06	2.61E-06	0.00E+00
Iowa	Sac	19161	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
Iowa	Sac	19161	R	1,3-Dichloropropene	2.29E-03	2.29E-03	2.33E-03	2.38E-03	3.04E-03	3.75E-03	5.12E-03	5.12E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Diesel Particulate Matter	5.08E-01	5.08E-01	5.11E-01	5.18E-01	5.30E-01	5.48E-01	5.74E-01	5.74E-01	0.00E+00	0.00E+00	1.16E-01	4.14E-01	***
Iowa	Sac	19161	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	8.76E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Sac	19161	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	2.79E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Sac	19161	R	Ethylene Oxide	4.31E-05	4.31E-05	4.35E-05	4.99E-05	6.61E-05	8.17E-05	1.22E-04	1.22E-04	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Formaldehyde	3.02E-01	3.02E-01	3.02E-01	3.03E-01	3.07E-01	3.12E-01	3.21E-01	3.21E-01	0.00E+00	7.30E-03	3.17E-02	1.82E-02	2.50E-01
Iowa	Sac	19161	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	1.88E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Sac	19161	R	Hydrazine	5.67E-12	5.67E-12	8.81E-12	1.30E-11	1.19E-11	1.51E-11	1.60E-11	1.60E-11	0.00E+00	1.19E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Lead Compounds	1.50E-05	1.50E-05	1.56E-05	1.65E-05	1.97E-05	2.39E-05	3.09E-05	3.09E-05	0.00E+00	1.65E-05	3.25E-06	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Manganese Compounds	3.63E-05	3.63E-05	3.73E-05	3.91E-05	4.74E-05	5.75E-05	7.49E-05	7.49E-05	0.00E+00	4.36E-05	9.27E-07	2.86E-06	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Sac	19161	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	7.64E-06	3.17E-08	7.49E-07	1.50E-03
Iowa	Sac	19161	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.56E-01	1.58E-01	1.61E-01	1.61E-01	0.00E+00	5.95E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Sac	19161	R	Nickel Compounds	1.26E-05	1.26E-05	1.29E-05	1.48E-05	1.74E-05	2.18E-05	2.72E-05	2.72E-05	0.00E+00	1.43E-05	1.83E-06	1.22E-06	0.00E+00
Iowa	Sac	19161	R	Perchloroethylene	1.43E-01	1.43E-01	1.45E-01	1.48E-01	1.48E-01	1.51E-01	1.53E-01	1.53E-01	4.08E-03	3.89E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Sac	19161	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Sac	19161	R	Polycyclic Organic Matter	2.55E-03	2.55E-03	2.59E-03	2.63E-03	3.28E-03	3.96E-03	5.29E-03	5.29E-03	0.00E+00	3.26E-03	1.72E-05	1.96E-06	0.00E+00
Iowa	Sac	19161	R	7-PAH	1.74E-04	1.74E-04	1.74E-04	1.76E-04	2.19E-04	2.64E-04	3.50E-04	3.50E-04	0.00E+00	2.11E-04	7.62E-06	9.43E-07	0.00E+00
Iowa	Sac	19161	R	Propylene Dichloride	9.04E-07	9.04E-07	9.51E-07	1.05E-06	1.04E-06	1.13E-06	1.16E-06	1.16E-06	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Quinoline	1.96E-10	1.96E-10	2.37E-10	3.20E-10	3.16E-10	3.95E-10	4.29E-10	4.29E-10	0.00E+00	3.16E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	1,1,2,2-Tetrachloroethane	7.20E-06	7.20E-06	7.60E-06	8.50E-06	8.42E-06	9.24E-06	9.50E-06	9.50E-06	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Sac	19161	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.16E-02	8.18E-02	8.20E-02	8.25E-02	8.25E-02	0.00E+00	7.72E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Sac	19161	R	Vinyl Chloride	1.78E-05	1.78E-05	1.88E-05	2.10E-05	2.08E-05	2.28E-05	2.34E-05	2.34E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	Acetaldehyde	2.47E-01	3.39E-01	4.44E-01	5.16E-01	4.88E-01	5.54E-01	5.73E-01	6.02E-01	3.68E-05	3.84E-02	3.50E-01	9.99E-02	0.00E+00
Iowa	Scott	19163	U	Acrolein	3.00E-02	4.12E-02	5.21E-02	6.35E-02	6.24E-02	7.15E-02	7.90E-02	8.32E-02	1.22E-03	9.91E-03	3.76E-02	1.37E-02	0.00E+00
Iowa	Scott	19163	U	Acrylonitrile	4.76E-04	5.92E-04	1.10E-03	2.38E-03	2.02E-03	2.53E-03	2.84E-03	3.14E-03	1.36E-03	6.56E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	Arsenic Compounds	2.44E-05	4.50E-05	8.66E-05	1.14E-04	1.19E-04	1.47E-04	1.93E-04	2.38E-04	4.22E-05	7.67E-05	3.38E-07	5.21E-08	0.00E+00
Iowa	Scott	19163	U	Benzene	7.18E-01	8.38E-01	1.05E+00	1.29E+00	1.29E+00	1.48E+00	1.66E+00	1.85E+00	9.92E-04	2.72E-02	6.12E-01	1.67E-01	4.80E-01
Iowa	Scott	19163	U	Beryllium Compounds	2.01E-06	3.86E-06	8.77E-06	1.54E-05	1.47E-05	1.88E-05	2.39E-05	2.74E-05	1.44E-06	1.32E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	1,3-Butadiene	1.56E-02	2.45E-02	4.88E-02	7.59E-02	7.63E-02	1.02E-01	1.24E-01	1.48E-01	1.74E-04	1.03E-03	5.43E-02	2.07E-02	0.00E+00
Iowa	Scott	19163	U	Cadmium Compounds	1.58E-05	1.71E-05	3.07E-05	3.71E-05	3.73E-05	4.33E-05	5.31E-05	7.09E-05	4.75E-06	3.25E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	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	6.60E-05	1.56E-04	0.00E+00	0.00E+00	8.80E-01
Iowa	Scott	19163	U	Chloroform	8.38E-02	8.38E-02	8.39E-02	8.41E-02	8.41E-02	8.43E-02	8.45E-02	8.48E-02	0.00E+00	1.14E-03	0.00E+00	0.00E+00	8.30E-02
Iowa	Scott	19163	U	Chromium Compounds	1.39E-03	2.39E-03	3.61E-03	5.08E-03	5.01E-03	6.14E-03	8.10E-03	8.41E-03	1.90E-03	3.06E-03	2.15E-05	2.96E-05	0.00E+00
Iowa	Scott	19163	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
Iowa	Scott	19163	U	1,3-Dichloropropene	9.58E-03	1.91E-02	5.31E-02	8.16E-02	8.03E-02	1.06E-01	1.38E-01	1.62E-01	0.00E+00	8.03E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	Diesel Particulate Matter	9.82E-01	1.13E+00	1.31E+00	1.48E+00	1.55E+00	1.67E+00	2.16E+00	2.61E+00	0.00E+00	0.00E+00	4.71E-01	1.08E+00	***
Iowa	Scott	19163	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	5.01E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Scott	19163	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	1.71E-05	9.75E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Scott	19163	U	Ethylene Oxide	1.31E-03	1.42E-03	2.85E-03	3.93E-03	4.10E-03	4.68E-03	7.51E-03	9.04E-03	1.14E-06	4.10E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	Formaldehyde	5.11E-01	5.95E-01	6.86E-01	7.79E-01	7.79E-01	8.53E-01	9.53E-01	9.84E-01	6.45E-04	4.24E-02	3.35E-01	1.51E-01	2.50E-01
Iowa	Scott	19163	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.37E-05	0.00E+00	1.32E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Scott	19163	U	Hydrazine	5.40E-09	8.92E-09	4.92E-08	8.07E-08	1.02E-07	1.31E-07	1.79E-07	2.59E-07	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	Lead Compounds	3.48E-04	5.19E-04	9.31E-04	1.14E-03	1.21E-03	1.53E-03	1.95E-03	2.46E-03	4.00E-05	9.14E-04	3.01E-05	2.23E-04	0.00E+00
Iowa	Scott	19163	U	Manganese Compounds	4.31E-04	8.72E-04	2.05E-03	2.62E-03	2.41E-03	2.88E-03	3.34E-03	3.61E-03	7.40E-04	1.62E-03	8.83E-06	3.58E-05	0.00E+00
Iowa	Scott	19163	U	Mercury Compounds	1.61E-03	1.62E-03	1.63E-03	1.66E-03	1.66E-03	1.67E-03	1.70E-03	1.77E-03	8.81E-06	1.43E-04	2.91E-07	7.84E-06	1.50E-03
Iowa	Scott	19163	U	Methylene Chloride	1.76E-01	2.04E-01	2.99E-01	4.01E-01	4.15E-01	4.79E-01	6.43E-01	7.76E-01	1.06E-04	2.65E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Scott	19163	U	Nickel Compounds	1.87E-04	2.02E-04	5.03E-04	7.65E-04	8.46E-04	1.05E-03	1.52E-03	1.95E-03	3.47E-05	7.77E-04	1.67E-05	1.72E-05	0.00E+00
Iowa	Scott	19163	U	Perchloroethylene	1.64E-01	1.80E-01	2.47E-01	3.00E-01	2.94E-01	3.39E-01	3.66E-01	4.19E-01	3.09E-06	1.54E-01	0.00E+00	0.00E+00	1.40E-01
Iowa	Scott	19163	U	Polychlorinated Biphenyls	4.20E-04	4.46E-04	4.86E-04	5.42E-04	5.49E-04	5.91E-04	6.44E-04	7.35E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	3.80E-04
Iowa	Scott	19163	U	Polycyclic Organic Matter	1.43E-02	2.81E-02	7.24E-02	1.06E-01	1.07E-01	1.33E-01	1.87E-01	2.19E-01	1.43E-05	1.07E-01	1.52E-04	4.93E-05	0.00E+00
Iowa	Scott	19163	U	7-PAH	6.26E-04	1.21E-03	2.87E-03	4.31E-03	4.23E-03	5.49E-03	7.19E-03	8.11E-03	5.45E-07	4.14E-03	6.74E-05	2.36E-05	0.00E+00
Iowa	Scott	19163	U	Propylene Dichloride	2.60E-05	2.99E-05	3.30E-05	3.68E-05	4.09E-05	4.66E-05	6.12E-05	6.76E-05	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	Quinoline	1.62E-06	2.75E-06	4.53E-06	6.97E-06	7.32E-06	9.41E-06	1.13E-05	1.53E-05	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Scott	19163	U	1,1,2,2-Tetrachloroethane	2.23E-04	2.46E-04	2.73E-04										

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Shelby	19165	R	1,3-Butadiene	1.84E-03	1.84E-03	2.00E-03	4.90E-03	4.83E-03	7.66E-03	7.66E-03	7.66E-03	0.00E+00	1.81E-04	3.82E-03	8.28E-04	0.00E+00
Iowa	Shelby	19165	R	Cadmium Compounds	8.32E-07	8.32E-07	9.66E-07	1.98E-06	1.91E-06	2.86E-06	2.86E-06	2.86E-06	0.00E+00	1.91E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Shelby	19165	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	1.83E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Shelby	19165	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.17E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Shelby	19165	R	Chromium Compounds	8.37E-06	8.37E-06	9.00E-06	1.51E-05	1.48E-05	2.06E-05	2.06E-05	2.06E-05	0.00E+00	7.31E-06	3.30E-06	4.17E-06	0.00E+00
Iowa	Shelby	19165	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
Iowa	Shelby	19165	R	1,3-Dichloropropene	1.63E-03	1.63E-03	1.79E-03	4.66E-03	4.59E-03	7.38E-03	7.40E-03	7.40E-03	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Shelby	19165	R	Diesel Particulate Matter	4.86E-01	4.86E-01	5.09E-01	6.45E-01	6.34E-01	7.59E-01	7.59E-01	7.59E-01	0.00E+00	0.00E+00	1.31E-01	5.02E-01	***
Iowa	Shelby	19165	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	7.25E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Shelby	19165	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	2.90E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Shelby	19165	R	Ethylene Oxide	2.55E-05	2.55E-05	2.89E-05	9.94E-05	9.78E-05	1.67E-04	1.67E-04	1.67E-04	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Shelby	19165	R	Formaldehyde	2.84E-01	2.84E-01	2.88E-01	3.11E-01	3.09E-01	3.29E-01	3.29E-01	3.29E-01	0.00E+00	6.62E-03	3.07E-02	2.14E-02	2.50E-01
Iowa	Shelby	19165	R	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	2.68E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Shelby	19165	R	Hydrazine	1.73E-11	1.73E-11	2.24E-11	2.83E-11	2.62E-11	3.01E-11	3.10E-11	3.10E-11	0.00E+00	2.62E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Shelby	19165	R	Lead Compounds	1.33E-05	1.33E-05	1.55E-05	3.87E-05	3.75E-05	5.96E-05	5.96E-05	5.96E-05	0.00E+00	3.29E-05	4.61E-06	0.00E+00	0.00E+00
Iowa	Shelby	19165	R	Manganese Compounds	2.72E-05	2.72E-05	3.17E-05	7.15E-05	6.93E-05	1.07E-04	1.07E-04	1.07E-04	0.00E+00	6.35E-05	1.34E-06	4.53E-06	0.00E+00
Iowa	Shelby	19165	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	1.34E-05	4.41E-08	1.18E-06	1.50E-03
Iowa	Shelby	19165	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.61E-01	1.61E-01	1.68E-01	1.68E-01	1.68E-01	0.00E+00	1.06E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Shelby	19165	R	Nickel Compounds	8.49E-06	8.49E-06	9.21E-06	2.93E-05	2.90E-05	4.87E-05	4.87E-05	4.87E-05	0.00E+00	2.44E-05	2.56E-06	1.98E-06	0.00E+00
Iowa	Shelby	19165	R	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.44E-01	1.43E-01	1.45E-01	1.45E-01	1.45E-01	5.48E-04	2.68E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Shelby	19165	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Shelby	19165	R	Polycyclic Organic Matter	1.85E-03	1.85E-03	2.03E-03	4.83E-03	4.74E-03	7.45E-03	7.47E-03	7.47E-03	0.00E+00	4.72E-03	2.36E-05	2.52E-06	0.00E+00
Iowa	Shelby	19165	R	7-PAH	1.25E-04	1.25E-04	1.38E-04	3.11E-04	3.05E-04	4.71E-04	4.72E-04	4.72E-04	0.00E+00	2.93E-04	1.05E-05	1.19E-06	0.00E+00
Iowa	Shelby	19165	R	Propylene Dichloride	5.40E-07	5.40E-07	5.63E-07	8.97E-07	8.95E-07	1.23E-06	1.25E-06	1.25E-06	0.00E+00	8.95E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Shelby	19165	R	Quinoline	4.17E-10	4.17E-10	6.06E-10	8.04E-10	7.22E-10	8.38E-10	8.63E-10	8.63E-10	0.00E+00	7.22E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Shelby	19165	R	1,1,2,2-Tetrachloroethane	3.70E-06	3.70E-06	4.06E-06	6.67E-06	6.58E-06	9.09E-06	9.26E-06	9.26E-06	0.00E+00	6.58E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Shelby	19165	R	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.28E-02	8.28E-02	8.42E-02	8.42E-02	8.42E-02	0.00E+00	1.80E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Shelby	19165	R	Vinyl Chloride	9.16E-06	9.16E-06	1.00E-05	1.65E-05	1.63E-05	2.25E-05	2.29E-05	2.29E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	Acetaldehyde	4.72E-02	4.72E-02	4.76E-02	5.10E-02	6.06E-02	8.31E-02	9.14E-02	9.14E-02	0.00E+00	4.54E-03	3.70E-02	1.90E-02	0.00E+00
Iowa	Sioux	19167	R	Acrolein	5.79E-03	5.79E-03	5.85E-03	6.73E-03	7.97E-03	1.15E-02	1.28E-02	1.28E-02	0.00E+00	1.26E-03	4.70E-03	2.00E-03	0.00E+00
Iowa	Sioux	19167	R	Acrylonitrile	1.13E-04	1.13E-04	1.27E-04	1.55E-04	1.67E-04	2.22E-04	2.27E-04	2.27E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	Arsenic Compounds	1.14E-06	1.14E-06	1.52E-06	1.90E-06	3.90E-06	8.80E-06	1.02E-05	1.02E-05	0.00E+00	3.82E-06	7.36E-08	3.63E-09	0.00E+00
Iowa	Sioux	19167	R	Benzene	5.37E-01	5.37E-01	5.37E-01	5.43E-01	5.70E-01	6.20E-01	6.64E-01	6.64E-01	0.00E+00	1.18E-02	6.51E-02	1.27E-02	4.80E-01
Iowa	Sioux	19167	R	Beryllium Compounds	3.29E-07	3.29E-07	4.14E-07	4.44E-07	1.03E-06	2.41E-06	2.69E-06	2.69E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	1,3-Butadiene	3.43E-03	3.43E-03	3.51E-03	4.17E-03	6.65E-03	1.22E-02	1.48E-02	1.48E-02	0.00E+00	1.79E-04	5.28E-03	1.19E-03	0.00E+00
Iowa	Sioux	19167	R	Cadmium Compounds	1.20E-06	1.20E-06	1.32E-06	1.41E-06	2.46E-06	4.86E-06	5.19E-06	5.19E-06	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	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	2.41E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Sioux	19167	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.42E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Sioux	19167	R	Chromium Compounds	7.98E-06	7.98E-06	8.20E-06	9.48E-06	1.49E-05	2.98E-05	3.08E-05	3.08E-05	0.00E+00	4.18E-06	4.87E-06	5.85E-06	0.00E+00
Iowa	Sioux	19167	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
Iowa	Sioux	19167	R	1,3-Dichloropropene	2.57E-03	2.57E-03	2.64E-03	3.89E-03	8.36E-03	1.94E-02	2.26E-02	2.26E-02	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	Diesel Particulate Matter	4.66E-01	4.66E-01	4.90E-01	5.05E-01	5.73E-01	7.21E-01	7.98E-01	7.98E-01	0.00E+00	0.00E+00	1.18E-01	4.56E-01	***
Iowa	Sioux	19167	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
Iowa	Sioux	19167	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	2.49E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Sioux	19167	R	Ethylene Oxide	5.63E-05	5.63E-05	8.80E-05	9.72E-05	2.15E-04	3.35E-04	7.30E-04	7.30E-04	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	Formaldehyde	3.03E-01	3.03E-01	3.03E-01	3.11E-01	3.25E-01	3.69E-01	3.76E-01	3.76E-01	1.08E-05	6.78E-03	3.95E-02	2.92E-02	2.50E-01
Iowa	Sioux	19167	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.43E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Sioux	19167	R	Hydrazine	3.61E-10	3.61E-10	8.59E-10										

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Sioux	19167	R	Nickel Compounds	1.64E-05	1.64E-05	2.09E-05	4.90E-05	7.62E-05	9.76E-05	2.62E-04	2.62E-04	0.00E+00	6.97E-05	3.76E-06	2.73E-06	0.00E+00
Iowa	Sioux	19167	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.46E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	5.76E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Sioux	19167	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Sioux	19167	R	Polycyclic Organic Matter	3.10E-03	3.10E-03	3.13E-03	4.27E-03	8.36E-03	1.84E-02	2.15E-02	2.15E-02	0.00E+00	8.32E-03	3.48E-05	3.82E-06	0.00E+00
Iowa	Sioux	19167	R	7-PAH	1.89E-04	1.89E-04	2.17E-04	2.62E-04	4.85E-04	1.04E-03	1.19E-03	1.19E-03	0.00E+00	4.68E-04	1.54E-05	1.82E-06	0.00E+00
Iowa	Sioux	19167	R	Propylene Dichloride	6.86E-06	6.86E-06	8.08E-06	9.27E-06	1.05E-05	1.37E-05	1.57E-05	1.57E-05	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	Quinoline	7.35E-09	7.35E-09	1.25E-08	3.75E-08	8.92E-08	8.48E-08	3.88E-07	3.88E-07	0.00E+00	8.92E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	1,1,2,2-Tetrachloroethane	5.89E-05	5.89E-05	6.55E-05	8.20E-05	8.67E-05	1.11E-04	1.20E-04	1.20E-04	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Sioux	19167	R	Trichloroethylene	8.18E-02	8.18E-02	8.19E-02	8.24E-02	8.35E-02	8.63E-02	8.75E-02	8.75E-02	0.00E+00	2.47E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Sioux	19167	R	Vinyl Chloride	1.48E-04	1.48E-04	1.64E-04	2.04E-04	2.17E-04	2.84E-04	2.97E-04	2.97E-04	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	Acetaldehyde	7.17E-02	9.04E-02	1.25E-01	1.82E-01	1.69E-01	2.06E-01	2.20E-01	2.27E-01	2.45E-05	2.00E-02	9.95E-02	4.96E-02	0.00E+00
Iowa	Story	19169	U	Acrolein	1.03E-02	1.21E-02	1.80E-02	2.65E-02	2.51E-02	3.08E-02	3.68E-02	3.76E-02	1.25E-05	6.39E-03	1.17E-02	7.05E-03	0.00E+00
Iowa	Story	19169	U	Acrylonitrile	6.55E-05	8.70E-05	1.15E-04	1.45E-04	1.43E-04	1.68E-04	1.77E-04	2.16E-04	8.40E-05	5.90E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	Arsenic Compounds	2.48E-05	2.73E-05	4.64E-05	6.69E-05	6.71E-05	8.50E-05	1.03E-04	1.14E-04	1.69E-05	4.99E-05	2.80E-07	1.43E-08	0.00E+00
Iowa	Story	19169	U	Benzene	5.73E-01	5.87E-01	6.60E-01	7.85E-01	7.72E-01	8.75E-01	1.01E+00	1.03E+00	2.74E-04	1.07E-02	1.62E-01	1.19E-01	4.80E-01
Iowa	Story	19169	U	Beryllium Compounds	1.68E-06	1.84E-06	3.40E-06	6.69E-06	6.97E-06	9.75E-06	1.40E-05	1.46E-05	8.93E-07	6.07E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	1,3-Butadiene	5.00E-03	6.45E-03	1.19E-02	2.76E-02	2.79E-02	3.95E-02	5.90E-02	6.04E-02	0.00E+00	1.63E-03	1.33E-02	1.30E-02	0.00E+00
Iowa	Story	19169	U	Cadmium Compounds	6.19E-05	7.09E-05	9.99E-05	1.09E-04	1.13E-04	1.36E-04	1.53E-04	1.61E-04	2.15E-06	1.11E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	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	1.54E-07	7.57E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Story	19169	U	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.36E-02	8.36E-02	8.38E-02	8.39E-02	8.40E-02	8.96E-07	5.87E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Story	19169	U	Chromium Compounds	5.16E-05	6.55E-05	9.78E-05	1.06E-04	1.12E-04	1.35E-04	1.69E-04	1.72E-04	1.99E-05	5.92E-05	1.87E-05	1.46E-05	0.00E+00
Iowa	Story	19169	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
Iowa	Story	19169	U	1,3-Dichloropropene	3.26E-03	4.72E-03	1.18E-02	3.81E-02	3.93E-02	5.53E-02	9.44E-02	9.93E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	Diesel Particulate Matter	5.97E-01	6.33E-01	6.85E-01	7.81E-01	8.03E-01	9.17E-01	9.75E-01	1.10E+00	0.00E+00	0.00E+00	1.79E-01	6.24E-01	***
Iowa	Story	19169	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	4.70E-08	9.17E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Story	19169	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	1.19E-05	7.47E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Story	19169	U	Ethylene Oxide	9.32E-05	1.25E-04	3.57E-04	7.83E-04	1.03E-03	1.37E-03	2.71E-03	2.86E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	Formaldehyde	3.38E-01	3.52E-01	4.04E-01	4.72E-01	4.63E-01	5.19E-01	5.64E-01	5.70E-01	1.27E-05	3.52E-02	9.94E-02	7.86E-02	2.50E-01
Iowa	Story	19169	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.79E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Story	19169	U	Hydrazine	7.34E-10	1.07E-09	3.73E-09	9.81E-09	3.04E-08	3.10E-08	1.10E-07	1.39E-07	0.00E+00	3.04E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	Lead Compounds	5.11E-04	5.58E-04	7.74E-04	8.51E-04	9.18E-04	1.12E-03	1.38E-03	1.45E-03	1.76E-05	8.67E-04	2.65E-05	6.76E-06	0.00E+00
Iowa	Story	19169	U	Manganese Compounds	8.95E-05	1.09E-04	2.50E-04	7.17E-04	7.37E-04	1.05E-03	1.66E-03	1.78E-03	2.04E-05	6.91E-04	7.71E-06	1.76E-05	0.00E+00
Iowa	Story	19169	U	Mercury Compounds	1.57E-03	1.58E-03	1.59E-03	1.62E-03	1.62E-03	1.64E-03	1.66E-03	1.67E-03	9.96E-06	1.04E-04	2.52E-07	3.94E-06	1.50E-03
Iowa	Story	19169	U	Methylene Chloride	1.57E-01	1.60E-01	1.72E-01	2.05E-01	2.24E-01	2.76E-01	3.19E-01	3.42E-01	3.09E-04	7.40E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Story	19169	U	Nickel Compounds	5.44E-05	6.29E-05	8.96E-05	1.59E-04	2.16E-04	3.32E-04	4.31E-04	5.45E-04	1.17E-05	1.81E-04	1.45E-05	8.17E-06	0.00E+00
Iowa	Story	19169	U	Perchloroethylene	1.44E-01	1.47E-01	1.58E-01	1.97E-01	2.02E-01	2.37E-01	2.86E-01	2.89E-01	1.53E-04	6.18E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Story	19169	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Story	19169	U	Polycyclic Organic Matter	3.82E-03	5.18E-03	1.23E-02	3.60E-02	3.61E-02	5.04E-02	8.33E-02	8.83E-02	7.12E-05	3.58E-02	1.32E-04	4.49E-05	0.00E+00
Iowa	Story	19169	U	7-PAH	2.83E-04	3.75E-04	8.37E-04	2.31E-03	2.30E-03	3.15E-03	5.16E-03	5.49E-03	1.71E-08	2.21E-03	5.87E-05	2.29E-05	0.00E+00
Iowa	Story	19169	U	Propylene Dichloride	3.58E-06	4.81E-06	6.56E-06	8.66E-06	8.59E-06	1.03E-05	1.12E-05	1.31E-05	5.09E-06	3.50E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	Quinoline	9.32E-09	1.42E-08	2.29E-08	3.96E-08	9.08E-08	9.77E-08	2.88E-07	3.60E-07	0.00E+00	9.08E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	1,1,2,2-Tetrachloroethane	2.75E-05	3.83E-05	5.25E-05	6.59E-05	6.49E-05	7.44E-05	8.20E-05	1.05E-04	4.66E-05	1.83E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Story	19169	U	Trichloroethylene	8.22E-02	8.28E-02	8.58E-02	8.92E-02	9.38E-02	1.02E-01	1.11E-01	1.20E-01	9.05E-05	1.27E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Story	19169	U	Vinyl Chloride	6.85E-05	9.73E-05	1.34E-04	1.68E-04	1.64E-04	1.86E-04	2.04E-04	2.60E-04	1.15E-04	4.91E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	Acetaldehyde	5.48E-02	5.48E-02	5.64E-02	7.08E-02	6.99E-02	8.30E-02	8.33E-02	8.33E-02	6.88E-06	8.02E-03	4.60E-02	1.59E-02	0.00E+00
Iowa	Tama	19171	R	Acrolein	7.52E-03	7.52E-03	7.92E-03	8.94E-03	1.15E-02	1.77E-02	1.78E-02	1.78E-02	3.50E-06	4.44E-03	5.48E-03	1.56E-03	0.00E+00
Iowa	Tama	19171	R	Acrylonitrile	4.54E-05	4.54E-05	5.13E-05	5.73E-05	5.85E-05	6.80E-05	7.15E-05	7.15E-05	1.88E-05	3.97E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	Arsenic Compounds	3.95E-06	3.95E-06	4.76E-06	6.62E-06	7.96E-06	1.24E-05	1.34E-05	1.34E-05	5.49E-06	2.41E-06	5.71E-08		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Tama	19171	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.44E-08	1.97E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Tama	19171	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	2.00E-07	1.24E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Tama	19171	R	Chromium Compounds	5.31E-05	5.31E-05	5.61E-05	8.62E-05	9.57E-05	1.39E-04	1.53E-04	1.53E-04	3.33E-05	5.41E-05	3.72E-06	4.50E-06	0.00E+00
Iowa	Tama	19171	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
Iowa	Tama	19171	R	1,3-Dichloropropene	2.70E-03	2.70E-03	2.99E-03	3.37E-03	6.07E-03	1.19E-02	1.21E-02	1.21E-02	0.00E+00	6.07E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	Diesel Particulate Matter	5.29E-01	5.29E-01	5.32E-01	5.44E-01	5.94E-01	7.07E-01	7.09E-01	7.09E-01	0.00E+00	0.00E+00	1.52E-01	4.42E-01	***
Iowa	Tama	19171	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	1.05E-08	2.17E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Tama	19171	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	2.87E-06	6.64E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Tama	19171	R	Ethylene Oxide	3.23E-05	3.23E-05	3.48E-05	3.91E-05	4.11E-05	4.91E-05	5.23E-05	5.23E-05	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	Formaldehyde	3.14E-01	3.14E-01	3.18E-01	3.27E-01	3.44E-01	3.88E-01	3.88E-01	3.88E-01	1.32E-05	2.48E-02	4.51E-02	2.37E-02	2.50E-01
Iowa	Tama	19171	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.96E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Tama	19171	R	Hydrazine	5.98E-11	5.98E-11	8.41E-11	1.58E-10	1.54E-10	2.19E-10	2.42E-10	2.42E-10	0.00E+00	1.54E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	Lead Compounds	2.21E-05	2.21E-05	2.67E-05	3.05E-05	3.68E-05	5.49E-05	5.61E-05	5.61E-05	5.82E-06	2.50E-05	5.16E-06	8.21E-07	0.00E+00
Iowa	Tama	19171	R	Manganese Compounds	5.76E-05	5.76E-05	7.03E-05	7.14E-05	1.06E-04	1.82E-04	1.83E-04	1.83E-04	7.22E-06	9.24E-05	1.48E-06	4.90E-06	0.00E+00
Iowa	Tama	19171	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	1.74E-06	1.23E-05	5.05E-08	1.29E-06	1.50E-03
Iowa	Tama	19171	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.57E-01	1.63E-01	1.74E-01	1.74E-01	1.74E-01	6.94E-05	1.25E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Tama	19171	R	Nickel Compounds	3.11E-05	3.11E-05	3.82E-05	6.06E-05	8.12E-05	1.44E-04	1.53E-04	1.53E-04	4.55E-06	7.17E-05	2.88E-06	2.11E-06	0.00E+00
Iowa	Tama	19171	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.44E-01	1.44E-01	1.46E-01	1.46E-01	1.46E-01	3.39E-05	3.76E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Tama	19171	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Tama	19171	R	Polycyclic Organic Matter	3.20E-03	3.20E-03	3.44E-03	4.04E-03	6.87E-03	1.32E-02	1.33E-02	1.33E-02	2.93E-07	6.84E-03	2.68E-05	2.35E-06	0.00E+00
Iowa	Tama	19171	R	7-PAH	2.27E-04	2.27E-04	2.28E-04	2.85E-04	4.85E-04	9.38E-04	9.46E-04	9.46E-04	5.69E-09	4.72E-04	1.19E-05	1.08E-06	0.00E+00
Iowa	Tama	19171	R	Propylene Dichloride	2.62E-06	2.62E-06	2.97E-06	3.30E-06	3.38E-06	3.97E-06	4.16E-06	4.16E-06	1.14E-06	2.25E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	Quinoline	1.29E-09	1.29E-09	1.44E-09	3.45E-09	3.40E-09	4.98E-09	5.77E-09	5.77E-09	0.00E+00	3.40E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	1,1,2,2-Tetrachloroethane	2.23E-05	2.23E-05	2.55E-05	2.78E-05	2.90E-05	3.45E-05	3.61E-05	3.61E-05	1.04E-05	1.86E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Tama	19171	R	Trichloroethylene	8.19E-02	8.19E-02	8.19E-02	8.26E-02	8.29E-02	8.41E-02	8.41E-02	8.41E-02	1.99E-05	1.84E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Tama	19171	R	Vinyl Chloride	5.72E-05	5.72E-05	6.37E-05	7.18E-05	7.31E-05	8.51E-05	8.89E-05	8.89E-05	2.56E-05	4.75E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	Acetaldehyde	1.92E-02	1.92E-02	1.92E-02	2.80E-02	2.54E-02	2.90E-02	2.90E-02	2.90E-02	0.00E+00	4.51E-03	1.53E-02	5.64E-03	0.00E+00
Iowa	Taylor	19173	R	Acrolein	2.98E-03	2.98E-03	2.98E-03	5.44E-03	4.89E-03	6.26E-03	6.26E-03	6.26E-03	0.00E+00	2.46E-03	1.98E-03	4.48E-04	0.00E+00
Iowa	Taylor	19173	R	Acrylonitrile	1.41E-05	1.41E-05	1.41E-05	2.17E-05	2.05E-05	2.55E-05	2.55E-05	2.55E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	Arsenic Compounds	4.20E-07	4.20E-07	4.20E-07	6.03E-07	5.52E-07	6.33E-07	6.33E-07	6.33E-07	0.00E+00	5.34E-07	1.73E-08	9.62E-10	0.00E+00
Iowa	Taylor	19173	R	Benzene	5.04E-01	5.04E-01	5.04E-01	5.12E-01	5.10E-01	5.14E-01	5.14E-01	5.14E-01	3.29E-06	5.82E-03	2.15E-02	2.70E-03	4.80E-01
Iowa	Taylor	19173	R	Beryllium Compounds	1.19E-07	1.19E-07	1.19E-07	1.51E-07	1.42E-07	1.55E-07	1.55E-07	1.55E-07	0.00E+00	1.42E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	1,3-Butadiene	1.52E-03	1.52E-03	1.52E-03	2.26E-03	2.18E-03	2.77E-03	2.77E-03	2.77E-03	0.00E+00	6.85E-04	1.30E-03	1.96E-04	0.00E+00
Iowa	Taylor	19173	R	Cadmium Compounds	3.90E-07	3.90E-07	3.90E-07	5.76E-07	5.37E-07	6.44E-07	6.44E-07	6.44E-07	0.00E+00	5.37E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	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	6.89E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Taylor	19173	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.77E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Taylor	19173	R	Chromium Compounds	2.36E-06	2.36E-06	2.36E-06	2.92E-05	2.32E-05	3.80E-05	3.80E-05	3.80E-05	0.00E+00	2.09E-05	1.18E-06	1.15E-06	0.00E+00
Iowa	Taylor	19173	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
Iowa	Taylor	19173	R	1,3-Dichloropropene	1.17E-03	1.17E-03	1.17E-03	1.28E-03	1.26E-03	1.34E-03	1.34E-03	1.34E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	Diesel Particulate Matter	4.24E-01	4.24E-01	4.24E-01	4.31E-01	4.35E-01	4.51E-01	4.51E-01	4.51E-01	0.00E+00	0.00E+00	1.10E-01	3.25E-01	***
Iowa	Taylor	19173	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.11E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Taylor	19173	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	2.73E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Taylor	19173	R	Ethylene Oxide	1.36E-05	1.36E-05	1.36E-05	1.38E-05	1.69E-05	2.32E-05	2.32E-05	2.32E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	Formaldehyde	2.74E-01	2.74E-01	2.74E-01	3.01E-01	2.93E-01	3.03E-01	3.03E-01	3.03E-01	0.00E+00	2.04E-02	1.44E-02	7.87E-03	2.50E-01
Iowa	Taylor	19173	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
Iowa	Taylor	19173	R	Hydrazine	1.97E-11	1.97E-11	1.97E-11	4.88E-11	4.01E-11	5.17E-11	5.17E-11	5.17E-11	0.00E+00	4.01E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	Lead Compounds	7.98E-06	7.98E-06	7.98E-06	1.15E-05	1.05E-05	1.20E-05	1.20E-05	1.20E-05					

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Taylor	19173	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Taylor	19173	R	Polycyclic Organic Matter	1.32E-03	1.32E-03	1.32E-03	1.90E-03	1.76E-03	2.06E-03	2.06E-03	2.06E-03	0.00E+00	1.75E-03	8.57E-06	7.91E-07	0.00E+00
Iowa	Taylor	19173	R	7-PAH	9.62E-05	9.62E-05	9.62E-05	1.66E-04	1.52E-04	1.94E-04	1.94E-04	1.94E-04	0.00E+00	1.48E-04	3.81E-06	3.78E-07	0.00E+00
Iowa	Taylor	19173	R	Propylene Dichloride	8.15E-07	8.15E-07	8.15E-07	1.25E-06	1.18E-06	1.48E-06	1.48E-06	1.48E-06	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	Quinoline	5.27E-10	5.27E-10	5.27E-10	9.84E-10	9.90E-10	1.46E-09	1.46E-09	1.46E-09	0.00E+00	9.90E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	R	1,1,2,2-Tetrachloroethane	6.97E-06	6.97E-06	6.97E-06	1.08E-05	1.01E-05	1.27E-05	1.27E-05	1.27E-05	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Taylor	19173	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	3.91E+00	2.12E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Taylor	19173	R	Vinyl Chloride	1.72E-05	1.72E-05	1.72E-05	2.65E-05	2.50E-05	3.14E-05	3.14E-05	3.14E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	Acetaldehyde	2.52E-02	2.52E-02	2.59E-02	4.05E-02	4.03E-02	5.46E-02	5.49E-02	5.49E-02	0.00E+00	6.31E-03	2.46E-02	9.39E-03	0.00E+00
Iowa	Union	19175	U	Acrolein	4.41E-03	4.41E-03	5.19E-03	8.05E-03	7.67E-03	1.01E-02	1.02E-02	1.02E-02	0.00E+00	3.37E-03	3.18E-03	1.12E-03	0.00E+00
Iowa	Union	19175	U	Acrylonitrile	2.74E-05	2.74E-05	2.75E-05	3.95E-05	3.96E-05	5.16E-05	5.17E-05	5.17E-05	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	Arsenic Compounds	5.82E-07	5.82E-07	6.45E-07	6.17E-06	6.14E-06	1.16E-05	1.16E-05	1.16E-05	0.00E+00	6.05E-06	8.07E-08	5.29E-09	0.00E+00
Iowa	Union	19175	U	Benzene	5.08E-01	5.08E-01	5.08E-01	5.69E-01	5.69E-01	6.29E-01	6.29E-01	6.29E-01	0.00E+00	1.27E-02	5.71E-02	1.88E-02	4.80E-01
Iowa	Union	19175	U	Beryllium Compounds	1.69E-07	1.69E-07	1.83E-07	1.69E-06	1.69E-06	3.19E-06	3.19E-06	3.19E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	1,3-Butadiene	1.72E-03	1.72E-03	2.07E-03	9.09E-03	8.91E-03	1.58E-02	1.58E-02	1.58E-02	0.00E+00	8.70E-04	5.52E-03	2.52E-03	0.00E+00
Iowa	Union	19175	U	Cadmium Compounds	5.44E-07	5.44E-07	5.99E-07	3.01E-06	2.99E-06	5.37E-06	5.38E-06	5.38E-06	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	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	1.83E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Union	19175	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.47E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Union	19175	U	Chromium Compounds	1.97E-05	1.97E-05	2.30E-05	2.64E-05	2.55E-05	2.80E-05	2.97E-05	2.97E-05	0.00E+00	1.72E-05	5.35E-06	2.93E-06	0.00E+00
Iowa	Union	19175	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
Iowa	Union	19175	U	1,3-Dichloropropene	1.48E-03	1.48E-03	1.56E-03	1.33E-02	1.33E-02	2.51E-02	2.51E-02	2.51E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	Diesel Particulate Matter	4.33E-01	4.33E-01	4.37E-01	5.61E-01	5.59E-01	6.82E-01	6.82E-01	6.82E-01	0.00E+00	0.00E+00	1.28E-01	4.31E-01	***
Iowa	Union	19175	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	1.97E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Union	19175	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	1.17E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Union	19175	U	Ethylene Oxide	2.55E-05	2.55E-05	2.72E-05	2.35E-04	2.35E-04	4.42E-04	4.42E-04	4.42E-04	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	Formaldehyde	2.82E-01	2.82E-01	2.85E-01	3.11E-01	3.10E-01	3.35E-01	3.35E-01	3.35E-01	0.00E+00	1.47E-02	3.08E-02	1.45E-02	2.50E-01
Iowa	Union	19175	U	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	2.26E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Union	19175	U	Hydrazine	4.34E-10	4.34E-10	1.80E-09	8.32E-08	8.25E-08	1.63E-07	1.63E-07	1.63E-07	0.00E+00	8.25E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	Lead Compounds	9.56E-06	9.56E-06	1.06E-05	6.10E-05	6.06E-05	1.11E-04	1.11E-04	1.11E-04	0.00E+00	5.30E-05	7.60E-06	0.00E+00	0.00E+00
Iowa	Union	19175	U	Manganese Compounds	3.98E-05	3.98E-05	4.34E-05	1.82E-04	1.80E-04	3.17E-04	3.17E-04	3.17E-04	0.00E+00	1.74E-04	2.21E-06	3.85E-06	0.00E+00
Iowa	Union	19175	U	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	8.77E-06	7.31E-08	7.34E-07	1.50E-03
Iowa	Union	19175	U	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.80E-01	1.80E-01	2.06E-01	2.06E-01	2.06E-01	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Union	19175	U	Nickel Compounds	2.62E-05	2.62E-05	2.91E-05	1.33E-04	1.32E-04	2.34E-04	2.34E-04	2.34E-04	0.00E+00	1.26E-04	4.10E-06	1.94E-06	0.00E+00
Iowa	Union	19175	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.61E-01	1.61E-01	1.81E-01	1.81E-01	1.81E-01	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Union	19175	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Union	19175	U	Polycyclic Organic Matter	1.90E-03	1.90E-03	1.98E-03	1.22E-02	1.22E-02	2.24E-02	2.24E-02	2.24E-02	0.00E+00	1.21E-02	3.75E-05	4.79E-06	0.00E+00
Iowa	Union	19175	U	7-PAH	1.47E-04	1.47E-04	1.71E-04	7.71E-04	7.59E-04	1.35E-03	1.35E-03	1.35E-03	0.00E+00	7.40E-04	1.66E-05	2.43E-06	0.00E+00
Iowa	Union	19175	U	Propylene Dichloride	1.63E-06	1.63E-06	1.65E-06	3.75E-06	3.74E-06	5.83E-06	5.84E-06	5.84E-06	0.00E+00	3.74E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	Quinoline	8.65E-09	8.65E-09	1.34E-08	2.30E-07	2.28E-07	4.42E-07	4.42E-07	4.42E-07	0.00E+00	2.28E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	1,1,2,2-Tetrachloroethane	1.29E-05	1.29E-05	1.32E-05	1.50E-05	1.49E-05	1.67E-05	1.68E-05	1.68E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Union	19175	U	Trichloroethylene	8.13E-02	8.13E-02	8.14E-02	8.61E-02	8.61E-02	9.08E-02	9.08E-02	9.08E-02	0.00E+00	5.07E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Union	19175	U	Vinyl Chloride	3.24E-05	3.24E-05	3.28E-05	4.34E-05	4.33E-05	5.38E-05	5.40E-05	5.40E-05	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Acetaldehyde	2.64E-02	2.64E-02	2.64E-02	2.70E-02	2.70E-02	2.77E-02	2.77E-02	2.77E-02	0.00E+00	5.44E-03	1.55E-02	6.07E-03	0.00E+00
Iowa	Van Buren	19177	R	Acrolein	7.73E-03	7.73E-03	7.73E-03	7.74E-03	7.74E-03	7.75E-03	7.75E-03	7.75E-03	0.00E+00	5.08E-03	2.03E-03	6.39E-04	0.00E+00
Iowa	Van Buren	19177	R	Acrylonitrile	9.54E-06	9.54E-06	9.54E-06	1.10E-05	1.10E-05	1.25E-05	1.25E-05	1.25E-05	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Arsenic Compounds	6.07E-07	6.07E-07	6.07E-07	6.51E-07	6.51E-07	6.96E-07	6.96E-07	6.96E-07	0.00E+00	6.23E-07	2.68E-08	1.35E-09	0.00E+00
Iowa	Van Buren	19177	R	Benzene	5.25E-01	5.25E-01	5.25E-01	5.25E-01	5.25E-01	5.26E-01	5.26E-01	5.26E-01	0.00E+00	1.18E-02	2.89E-02	4.55E-03	4.80E-01
Iowa	Van Buren	19177	R	Beryllium Compounds	1.61E-07	1.61E-07	1.61E-07	1.73E-07	1.73E-07	1.85E-07	1.85E-07	1.85E-07	0.00E+00	1.73E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	1,3-Butadiene	5.14E-03	5.14E-03	5.14E-03	5.17E-03	5.17E-03	5.19E-03	5.19E-03	5.19E-03	0.00E+00	2.37E-03	2.43E-03	3.74E-04	0.00E+00
Iowa	Van Buren	19177	R	Cadmium Compounds	4.50E-07	4.50E-07	4.50E-07	4.81E-07	4.81E-07	5.13E-07	5.13E-07	5.13E-07	0.00E+00	4.81E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	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	8.99E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Van Buren	19177	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	4.93E-05	0.00E+00	0.00E+00	8.30E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Van Buren	19177	R	Chromium Compounds	1.54E-05	1.54E-05	1.54E-05	1.93E-05	1.93E-05	2.31E-05	2.31E-05	2.31E-05	1.14E-05	4.32E-06	1.63E-06	1.87E-06	0.00E+00
Iowa	Van Buren	19177	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
Iowa	Van Buren	19177	R	1,3-Dichloropropene	1.61E-03	1.61E-03	1.61E-03	1.70E-03	1.70E-03	1.78E-03	1.78E-03	1.78E-03	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Diesel Particulate Matter	4.37E-01	4.37E-01	4.37E-01	4.41E-01	4.41E-01	4.45E-01	4.45E-01	4.45E-01	0.00E+00	0.00E+00	1.29E-01	3.13E-01	***
Iowa	Van Buren	19177	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	5.43E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Van Buren	19177	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
Iowa	Van Buren	19177	R	Ethylene Oxide	3.30E-05	3.30E-05	3.30E-05	3.50E-05	3.50E-05	3.70E-05	3.70E-05	3.70E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Formaldehyde	3.02E-01	3.02E-01	3.02E-01	3.02E-01	3.02E-01	3.03E-01	3.03E-01	3.03E-01	0.00E+00	2.46E-02	1.86E-02	9.15E-03	2.50E-01
Iowa	Van Buren	19177	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	9.51E-08	0.00E+00	0.00E+00	9.30E-05
Iowa	Van Buren	19177	R	Hydrazine	3.69E-11	3.69E-11	3.69E-11	5.33E-11	5.33E-11	6.98E-11	6.98E-11	6.98E-11	0.00E+00	5.33E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Lead Compounds	1.07E-05	1.07E-05	1.07E-05	1.12E-05	1.12E-05	1.16E-05	1.16E-05	1.16E-05	0.00E+00	8.92E-06	2.25E-06	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Manganese Compounds	4.60E-04	4.60E-04	4.60E-04	5.78E-04	5.78E-04	6.96E-04	6.96E-04	6.96E-04	5.52E-04	2.32E-05	6.56E-07	2.08E-06	0.00E+00
Iowa	Van Buren	19177	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	2.99E-06	2.24E-08	5.28E-07	1.50E-03
Iowa	Van Buren	19177	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	2.98E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Van Buren	19177	R	Nickel Compounds	1.99E-05	1.99E-05	1.99E-05	2.44E-05	2.44E-05	2.89E-05	2.89E-05	2.89E-05	1.05E-05	1.17E-05	1.27E-06	9.12E-07	0.00E+00
Iowa	Van Buren	19177	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	9.24E-04	0.00E+00	0.00E+00	1.40E-01
Iowa	Van Buren	19177	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Van Buren	19177	R	Polycyclic Organic Matter	2.30E-03	2.30E-03	2.30E-03	2.38E-03	2.38E-03	2.46E-03	2.46E-03	2.46E-03	0.00E+00	2.37E-03	1.18E-05	1.51E-06	0.00E+00
Iowa	Van Buren	19177	R	7-PAH	2.30E-04	2.30E-04	2.30E-04	2.34E-04	2.34E-04	2.39E-04	2.39E-04	2.39E-04	0.00E+00	2.28E-04	5.22E-06	7.33E-07	0.00E+00
Iowa	Van Buren	19177	R	Propylene Dichloride	4.98E-07	4.98E-07	4.98E-07	5.86E-07	5.86E-07	6.74E-07	6.74E-07	6.74E-07	0.00E+00	5.86E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Quinoline	8.56E-10	8.56E-10	8.56E-10	9.92E-10	9.92E-10	1.13E-09	1.13E-09	1.13E-09	0.00E+00	9.92E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	1,1,2,2-Tetrachloroethane	3.74E-06	3.74E-06	3.74E-06	4.51E-06	4.51E-06	5.29E-06	5.29E-06	5.29E-06	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Van Buren	19177	R	Trichloroethylene	8.13E-02	8.13E-02	8.13E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	0.00E+00	3.69E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Van Buren	19177	R	Vinyl Chloride	9.25E-06	9.25E-06	9.25E-06	1.12E-05	1.12E-05	1.31E-05	1.31E-05	1.31E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	Acetaldehyde	2.80E-02	2.93E-02	3.28E-02	6.04E-02	5.65E-02	7.34E-02	7.60E-02	8.25E-02	6.74E-06	1.06E-02	2.97E-02	1.62E-02	0.00E+00
Iowa	Wapello	19179	U	Acrolein	6.25E-03	6.48E-03	6.49E-03	1.59E-02	1.49E-02	1.98E-02	2.08E-02	2.47E-02	3.43E-06	8.39E-03	4.04E-03	2.50E-03	0.00E+00
Iowa	Wapello	19179	U	Acrylonitrile	2.99E-05	3.55E-05	4.45E-05	5.59E-05	5.71E-05	7.50E-05	7.82E-05	8.03E-05	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	Arsenic Compounds	4.96E-06	5.55E-06	7.68E-06	1.34E-05	1.38E-05	1.83E-05	1.83E-05	3.04E-05	5.37E-06	8.29E-06	1.63E-07	8.46E-09	0.00E+00
Iowa	Wapello	19179	U	Benzene	5.17E-01	5.18E-01	5.18E-01	6.25E-01	6.15E-01	6.72E-01	6.85E-01	7.59E-01	1.79E-05	2.02E-02	8.40E-02	3.09E-02	4.80E-01
Iowa	Wapello	19179	U	Beryllium Compounds	5.00E-07	5.03E-07	6.17E-07	2.39E-06	2.56E-06	3.74E-06	3.79E-06	6.96E-06	2.78E-07	2.28E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	1,3-Butadiene	3.04E-03	3.50E-03	3.86E-03	1.89E-02	1.76E-02	2.64E-02	2.77E-02	3.82E-02	0.00E+00	4.31E-03	9.08E-03	4.23E-03	0.00E+00
Iowa	Wapello	19179	U	Cadmium Compounds	1.73E-06	2.04E-06	2.17E-06	5.37E-06	5.75E-06	7.59E-06	8.24E-06	1.29E-05	6.78E-07	5.07E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	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	2.79E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Wapello	19179	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	0.00E+00	1.88E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Wapello	19179	U	Chromium Compounds	6.80E-05	6.98E-05	9.38E-05	6.13E-04	9.24E-04	1.60E-03	1.84E-03	2.73E-03	3.44E-06	9.04E-04	9.92E-06	7.10E-06	0.00E+00
Iowa	Wapello	19179	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
Iowa	Wapello	19179	U	1,3-Dichloropropene	2.34E-03	2.62E-03	2.62E-03	2.02E-02	1.90E-02	2.90E-02	2.95E-02	4.74E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	Diesel Particulate Matter	3.97E-01	4.08E-01	4.14E-01	5.09E-01	5.38E-01	6.45E-01	6.80E-01	7.03E-01	0.00E+00	0.00E+00	1.54E-01	3.84E-01	***
Iowa	Wapello	19179	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	2.81E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Wapello	19179	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.51E-07	7.90E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Wapello	19179	U	Ethylene Oxide	4.45E-05	4.90E-05	5.60E-05	3.72E-04	4.28E-04	6.38E-04	6.53E-04	1.56E-03	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	Formaldehyde	2.96E-01	2.96E-01	2.96E-01	3.74E-01	3.63E-01	4.00E-01	4.12E-01	4.43E-01	3.54E-06	4.04E-02	4.44E-02	2.83E-02	2.50E-01
Iowa	Wapello	19179	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	1.16E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Wapello	19179	U	Hydrazine	4.44E-11	5.65E-11	5.68E-11	6.38E-11	6.43E-11	6.95E-11	7.15E-11	9.33E-11	0.00E+00	6.43E-11	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	Lead Compounds	4.92E-05	4.94E-05	1.33E-04	2.09E-04	1.77E-04	2.29E-04	2.32E-04	3.08E-04	5.57E-06	7.76E-05	1.40E-05	8.02E-05	0.00E+00
Iowa	Wapello	19179	U	Manganese Compounds	1.06E-04	1.07E-04	1.27E-04	8.00E-04	1.19E-03	2.00E-03	2.15E-03	3.40E-03	6.46E-06	1.17E-03	4.15E-06	8.66E-06	0.00E+00
Iowa	Wapello	19179	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	2.12E-06	2.27E-05	1.37E-07	1.86E-06	1.50E-03
Iowa	Wapello	19179															

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Wapello	19179	U	7-PAH	1.97E-04	2.41E-04	2.50E-04	1.28E-03	1.20E-03	1.76E-03	1.79E-03	2.77E-03	5.28E-09	1.16E-03	3.09E-05	4.31E-06	0.00E+00
Iowa	Wapello	19179	U	Propylene Dichloride	1.67E-06	2.00E-06	2.52E-06	3.13E-06	3.20E-06	4.20E-06	4.38E-06	4.50E-06	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	Quinoline	7.57E-10	9.22E-10	1.03E-09	1.09E-09	1.14E-09	1.21E-09	1.30E-09	1.72E-09	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	1,1,2,2-Tetrachloroethane	1.40E-05	1.68E-05	2.14E-05	2.63E-05	2.70E-05	3.53E-05	3.69E-05	3.79E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wapello	19179	U	Trichloroethylene	8.16E-02	8.16E-02	8.17E-02	8.53E-02	8.72E-02	9.11E-02	9.12E-02	1.01E-01	0.00E+00	6.18E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Wapello	19179	U	Vinyl Chloride	3.45E-05	4.14E-05	5.27E-05	6.49E-05	6.65E-05	8.71E-05	9.09E-05	9.34E-05	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	Acetaldehyde	9.20E-02	9.67E-02	1.59E-01	2.03E-01	1.94E-01	2.31E-01	2.46E-01	3.10E-01	4.69E-07	2.23E-02	1.22E-01	4.97E-02	0.00E+00
Iowa	Warren	19181	U	Acrolein	1.31E-02	1.33E-02	1.96E-02	2.73E-02	2.86E-02	3.76E-02	4.24E-02	4.77E-02	2.39E-07	8.14E-03	1.32E-02	7.17E-03	0.00E+00
Iowa	Warren	19181	U	Acrylonitrile	5.51E-05	5.82E-05	9.30E-05	1.05E-04	1.26E-04	1.76E-04	1.78E-04	2.38E-04	9.29E-05	3.27E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	Arsenic Compounds	1.82E-06	2.33E-06	4.45E-06	7.82E-06	1.05E-05	1.44E-05	2.48E-05	2.75E-05	3.45E-07	1.01E-05	1.15E-07	1.28E-08	0.00E+00
Iowa	Warren	19181	U	Benzene	5.66E-01	5.67E-01	6.17E-01	6.98E-01	7.37E-01	8.20E-01	9.73E-01	1.05E+00	2.41E-04	2.08E-02	1.86E-01	5.07E-02	4.80E-01
Iowa	Warren	19181	U	Beryllium Compounds	5.47E-07	5.50E-07	1.21E-06	2.31E-06	3.14E-06	4.28E-06	7.68E-06	8.50E-06	1.82E-08	3.13E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	1,3-Butadiene	4.56E-03	5.23E-03	7.19E-03	1.66E-02	2.33E-02	3.17E-02	5.52E-02	6.64E-02	0.00E+00	3.08E-03	1.46E-02	5.54E-03	0.00E+00
Iowa	Warren	19181	U	Cadmium Compounds	1.75E-06	1.86E-06	3.66E-06	6.20E-06	6.69E-06	9.10E-06	1.27E-05	1.40E-05	4.52E-08	6.65E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	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	1.70E-07	5.73E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Warren	19181	U	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.36E-02	8.37E-02	9.90E-07	4.10E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Warren	19181	U	Chromium Compounds	4.15E-05	4.76E-05	6.14E-05	8.09E-05	7.97E-05	9.68E-05	1.02E-04	1.27E-04	3.04E-05	3.00E-05	7.54E-06	1.19E-05	0.00E+00
Iowa	Warren	19181	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
Iowa	Warren	19181	U	1,3-Dichloropropene	4.43E-03	4.72E-03	9.43E-03	2.15E-02	3.02E-02	4.17E-02	7.77E-02	8.81E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	Diesel Particulate Matter	4.62E-01	4.72E-01	5.31E-01	7.37E-01	8.26E-01	9.49E-01	1.54E+00	1.64E+00	0.00E+00	0.00E+00	1.77E-01	6.49E-01	***
Iowa	Warren	19181	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	5.19E-08	2.75E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Warren	19181	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	1.13E-05	5.90E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Warren	19181	U	Ethylene Oxide	8.52E-05	8.72E-05	1.56E-04	1.62E-04	2.03E-04	2.15E-04	2.74E-04	6.02E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	Formaldehyde	3.56E-01	3.58E-01	4.09E-01	4.64E-01	4.79E-01	5.44E-01	6.00E-01	6.51E-01	2.46E-07	4.26E-02	1.13E-01	7.35E-02	2.50E-01
Iowa	Warren	19181	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.35E-05	9.37E-05	9.45E-05	9.45E-05	0.00E+00	4.77E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Warren	19181	U	Hydrazine	7.10E-10	7.74E-10	1.36E-09	5.29E-09	4.65E-09	6.34E-09	1.00E-08	1.01E-08	0.00E+00	4.65E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	Lead Compounds	1.72E-04	1.89E-04	3.81E-04	6.30E-04	8.06E-04	1.09E-03	1.41E-03	2.55E-03	3.70E-07	1.43E-04	1.06E-05	6.52E-04	0.00E+00
Iowa	Warren	19181	U	Manganese Compounds	9.34E-05	1.08E-04	1.80E-04	3.64E-04	4.89E-04	6.60E-04	1.17E-03	1.32E-03	4.22E-07	4.71E-04	3.04E-06	1.42E-05	0.00E+00
Iowa	Warren	19181	U	Mercury Compounds	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.08E-07	3.35E-05	1.03E-07	3.23E-06	1.50E-03
Iowa	Warren	19181	U	Methylene Chloride	1.65E-01	1.66E-01	1.74E-01	2.24E-01	2.30E-01	2.53E-01	3.32E-01	3.72E-01	3.63E-04	7.97E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Warren	19181	U	Nickel Compounds	3.98E-05	4.32E-05	5.95E-05	9.01E-05	1.09E-04	1.52E-04	2.09E-04	2.31E-04	8.10E-07	9.56E-05	5.80E-06	6.55E-06	0.00E+00
Iowa	Warren	19181	U	Perchloroethylene	1.46E-01	1.46E-01	1.52E-01	1.63E-01	1.67E-01	1.80E-01	1.98E-01	2.05E-01	1.68E-04	2.71E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Warren	19181	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Warren	19181	U	Polycyclic Organic Matter	5.15E-03	5.38E-03	1.03E-02	2.03E-02	2.79E-02	3.81E-02	6.80E-02	7.68E-02	1.67E-04	2.77E-02	5.37E-05	2.14E-05	0.00E+00
Iowa	Warren	19181	U	7-PAH	3.73E-04	3.99E-04	6.86E-04	1.28E-03	1.78E-03	2.45E-03	4.24E-03	4.81E-03	3.69E-10	1.75E-03	2.39E-05	7.08E-06	0.00E+00
Iowa	Warren	19181	U	Propylene Dichloride	3.12E-06	3.28E-06	5.24E-06	5.99E-06	7.26E-06	1.03E-05	1.04E-05	1.41E-05	5.62E-06	1.64E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	Quinoline	6.65E-09	7.43E-09	1.36E-08	2.43E-08	2.35E-08	2.72E-08	3.60E-08	5.05E-08	0.00E+00	2.35E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	1,1,2,2-Tetrachloroethane	2.54E-05	2.66E-05	4.06E-05	4.78E-05	5.95E-05	8.72E-05	8.75E-05	1.18E-04	5.15E-05	8.04E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Warren	19181	U	Trichloroethylene	8.30E-02	8.32E-02	8.54E-02	8.82E-02	8.90E-02	9.29E-02	9.59E-02	9.68E-02	1.00E-04	7.89E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Warren	19181	U	Vinyl Chloride	6.32E-05	6.58E-05	1.02E-04	1.19E-04	1.49E-04	2.18E-04	2.20E-04	2.94E-04	1.27E-04	2.21E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	Acetaldehyde	3.58E-02	3.58E-02	5.33E-02	6.33E-02	7.40E-02	1.09E-01	1.09E-01	1.09E-01	4.55E-06	9.35E-03	4.27E-02	2.20E-02	0.00E+00
Iowa	Washington	19183	R	Acrolein	5.80E-03	5.80E-03	9.81E-03	1.08E-02	1.52E-02	2.49E-02	2.49E-02	2.49E-02	5.11E-04	6.58E-03	5.26E-03	2.86E-03	0.00E+00
Iowa	Washington	19183	R	Acrylonitrile	3.18E-05	3.18E-05	4.20E-05	4.22E-05	1.17E-03	5.01E-05	5.67E-03	5.67E-03	1.13E-03	4.21E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	Arsenic Compounds	8.67E-07	8.67E-07	7.94E-06	1.17E-05	9.02E-06	1.21E-05	1.26E-05	1.26E-05	3.59E-06	5.34E-06	8.96E-08	5.43E-09	0.00E+00
Iowa	Washington	19183	R	Benzene	5.23E-01	5.23E-01	5.43E-01	5.59E-01	6.15E-01	7.25E-01	7.25E-01	7.25E-01	1.37E-05	3.40E-02	8.49E-02	1.63E-02	4.80E-01
Iowa	Washington	19183	R	Beryllium Compounds	2.37E-07	2.37E-07	7.89E-07	9.55E-07	1.61E-06	3.03E-06	3.05E-06	3.05E-06	1.91E-07	1.42E-06	0.		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Washington	19183	R	1,3-Dichloropropene	1.96E-03	1.96E-03	2.96E-03	3.96E-03	1.18E-02	2.50E-02	2.50E-02	2.50E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	Diesel Particulate Matter	4.62E-01	4.62E-01	5.33E-01	5.48E-01	9.73E-01	1.66E+00	1.66E+00	1.66E+00	0.00E+00	0.00E+00	1.67E-01	8.06E-01	***
Iowa	Washington	19183	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	3.33E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Washington	19183	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.20E-05	1.43E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Washington	19183	R	Ethylene Oxide	5.29E-05	5.29E-05	7.54E-05	1.18E-04	1.69E-04	2.98E-04	2.99E-04	2.99E-04	3.07E-07	1.68E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	Formaldehyde	2.94E-01	2.94E-01	3.16E-01	3.26E-01	3.70E-01	4.58E-01	4.58E-01	4.58E-01	3.13E-04	3.37E-02	5.06E-02	3.57E-02	2.50E-01
Iowa	Washington	19183	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.37E-05	9.45E-05	9.45E-05	9.45E-05	0.00E+00	6.59E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Washington	19183	R	Hydrazine	2.99E-10	2.99E-10	3.14E-10	3.18E-10	6.34E-10	1.01E-09	1.23E-09	1.23E-09	0.00E+00	6.34E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	Lead Compounds	1.52E-05	1.52E-05	3.68E-05	9.28E-05	6.91E-05	1.00E-04	1.01E-04	1.01E-04	3.95E-06	4.72E-05	8.09E-06	9.82E-06	0.00E+00
Iowa	Washington	19183	R	Manganese Compounds	1.67E-04	1.67E-04	4.73E-04	1.06E-03	8.26E-04	1.08E-03	1.36E-03	1.36E-03	6.37E-04	1.78E-04	2.36E-06	8.80E-06	0.00E+00
Iowa	Washington	19183	R	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	1.05E-06	1.89E-05	7.86E-08	2.36E-06	1.50E-03
Iowa	Washington	19183	R	Methylene Chloride	1.61E-01	1.61E-01	1.70E-01	1.72E-01	2.51E-01	3.75E-01	3.78E-01	3.78E-01	1.65E-03	9.97E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Washington	19183	R	Nickel Compounds	3.07E-05	3.07E-05	7.50E-05	7.80E-05	1.88E-04	3.46E-04	4.11E-04	4.11E-04	7.19E-05	1.08E-04	4.43E-06	3.84E-06	0.00E+00
Iowa	Washington	19183	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.54E-01	1.70E-01	1.70E-01	1.70E-01	4.13E-07	1.37E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Washington	19183	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Washington	19183	R	Polycyclic Organic Matter	2.41E-03	2.41E-03	3.61E-03	4.58E-03	1.30E-02	2.71E-02	2.71E-02	2.71E-02	6.96E-06	1.29E-02	4.05E-05	6.45E-06	0.00E+00
Iowa	Washington	19183	R	7-PAH	1.78E-04	1.78E-04	2.55E-04	3.20E-04	8.32E-04	1.70E-03	1.70E-03	1.70E-03	4.00E-09	8.11E-04	1.80E-05	3.05E-06	0.00E+00
Iowa	Washington	19183	R	Propylene Dichloride	1.88E-06	1.88E-06	2.30E-06	2.31E-06	2.44E-06	2.70E-06	3.00E-06	3.00E-06	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	Quinoline	8.06E-09	8.06E-09	8.46E-09	8.80E-09	1.56E-08	2.18E-08	3.09E-08	3.09E-08	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	1,1,2,2-Tetrachloroethane	1.55E-05	1.55E-05	1.76E-05	1.77E-05	1.89E-05	1.99E-05	2.38E-05	2.38E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Washington	19183	R	Trichloroethylene	9.13E-02	9.13E-02	9.26E-02	1.03E-01	1.43E-01	1.78E-01	2.51E-01	2.51E-01	5.83E-02	3.93E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Washington	19183	R	Vinyl Chloride	3.83E-05	3.83E-05	4.36E-05	4.39E-05	4.71E-05	5.00E-05	5.94E-05	5.94E-05	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	Acetaldehyde	1.94E-02	1.94E-02	1.94E-02	2.18E-02	2.11E-02	2.20E-02	2.20E-02	2.20E-02	4.06E-07	3.40E-03	1.34E-02	4.29E-03	0.00E+00
Iowa	Wayne	19185	R	Acrolein	4.73E-03	4.73E-03	4.73E-03	5.16E-03	5.07E-03	5.33E-03	5.33E-03	5.33E-03	2.07E-07	2.93E-03	1.72E-03	4.26E-04	0.00E+00
Iowa	Wayne	19185	R	Acrylonitrile	7.45E-06	7.45E-06	7.45E-06	8.62E-06	1.03E-05	1.49E-05	1.49E-05	1.49E-05	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	Arsenic Compounds	4.26E-07	4.26E-07	4.26E-07	8.28E-07	7.66E-07	1.04E-06	1.04E-06	1.04E-06	2.77E-07	4.70E-07	1.74E-08	9.91E-10	0.00E+00
Iowa	Wayne	19185	R	Benzene	5.09E-01	5.09E-01	5.09E-01	5.12E-01	5.12E-01	5.14E-01	5.14E-01	5.14E-01	1.06E-06	6.21E-03	2.25E-02	2.93E-03	4.80E-01
Iowa	Wayne	19185	R	Beryllium Compounds	1.13E-07	1.13E-07	1.13E-07	1.52E-07	1.46E-07	1.73E-07	1.73E-07	1.73E-07	1.48E-08	1.31E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	1,3-Butadiene	2.22E-03	2.22E-03	2.22E-03	3.09E-03	2.83E-03	3.16E-03	3.16E-03	3.16E-03	0.00E+00	8.39E-04	1.73E-03	2.55E-04	0.00E+00
Iowa	Wayne	19185	R	Cadmium Compounds	3.40E-07	3.40E-07	3.40E-07	3.83E-07	3.88E-07	4.40E-07	4.40E-07	4.40E-07	3.72E-08	3.51E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	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	6.35E-06	0.00E+00	0.00E+00	8.80E-01
Iowa	Wayne	19185	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.56E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Wayne	19185	R	Chromium Compounds	3.06E-06	3.06E-06	3.06E-06	3.40E-06	7.77E-06	1.69E-05	1.69E-05	1.69E-05	1.85E-07	5.30E-06	1.10E-06	1.19E-06	0.00E+00
Iowa	Wayne	19185	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
Iowa	Wayne	19185	R	1,3-Dichloropropene	9.15E-04	9.15E-04	9.15E-04	1.30E-03	1.20E-03	1.39E-03	1.39E-03	1.39E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	Diesel Particulate Matter	4.01E-01	4.01E-01	4.01E-01	4.10E-01	4.08E-01	4.12E-01	4.12E-01	4.12E-01	0.00E+00	0.00E+00	1.13E-01	2.95E-01	***
Iowa	Wayne	19185	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	4.82E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Wayne	19185	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	3.26E-08	1.32E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Wayne	19185	R	Ethylene Oxide	2.87E-05	2.87E-05	2.87E-05	3.25E-05	3.13E-05	3.25E-05	3.25E-05	3.25E-05	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	Formaldehyde	2.82E-01	2.82E-01	2.82E-01	2.83E-01	2.83E-01	2.86E-01	2.86E-01	2.86E-01	2.02E-07	1.29E-02	1.43E-02	6.16E-03	2.50E-01
Iowa	Wayne	19185	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	1.00E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Wayne	19185	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	7.77E-12	7.69E-12	1.53E-11	1.53E-11	1.53E-11	0.00E+00	7.69E-12	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	Lead Compounds	7.59E-06	7.59E-06	7.59E-06	9.04E-06	8.78E-06	9.72E-06	9.72E-06	9.72E-06	3.03E-07	6.97E-06	1.52E-06	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	Manganese Compounds	1.76E-05	1.76E-05	1.76E-05	1.88E-05	2.10E-05	2.65E-05	2.65E-05	2.65E-05	3.45E-07	1.89E-05	4.39E-07	1.33E-06	0.00E+00
Iowa	Wayne	19185	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	6.77E-08	2.09E-06	1.48E-08	3.36E-07	1.50E-03
Iowa	Wayne	19185	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	2.29E-07	2.19E-03	0.00E+00	0.00E+00	1.50E-01
Iowa	Wayne	19185	R	Nickel Compounds	9.07E-06	9.07E-06	9.07E-06	9.95E-06	1.35E-05	2.15E-05	2.15E-05	2.15E-05	1.89E-07	1.19E-05	8.54E-07	5.83E-07	0.00E+00
Iowa	Wayne	19185	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	3.39E-08	6.09E-04	0.00E+00	0.00E+00	1.40E-01
Iowa	Wayne	19185	R	Polych													

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Wayne	19185	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.84E-10	1.65E-10	3.11E-10	3.11E-10	3.11E-10	0.00E+00	1.65E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	1,1,2,2-Tetrachloroethane	3.16E-06	3.16E-06	3.16E-06	3.69E-06	4.64E-06	7.06E-06	7.06E-06	7.06E-06	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Wayne	19185	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	2.52E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Wayne	19185	R	Vinyl Chloride	7.81E-06	7.81E-06	7.81E-06	9.11E-06	1.14E-05	1.74E-05	1.74E-05	1.74E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	Acetaldehyde	5.17E-02	5.32E-02	5.68E-02	1.21E-01	1.12E-01	1.44E-01	1.79E-01	1.92E-01	2.61E-07	1.51E-02	6.29E-02	3.41E-02	0.00E+00
Iowa	Webster	19187	U	Acrolein	6.82E-03	6.87E-03	1.03E-02	2.10E-02	2.01E-02	2.63E-02	3.39E-02	3.85E-02	1.33E-07	6.51E-03	8.14E-03	5.45E-03	0.00E+00
Iowa	Webster	19187	U	Acrylonitrile	4.37E-05	4.51E-05	5.57E-05	8.56E-05	8.74E-05	1.15E-04	1.22E-04	1.31E-04	0.00E+00	8.74E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	Arsenic Compounds	1.30E-06	1.33E-06	2.12E-06	1.31E-05	1.66E-05	1.98E-05	4.09E-05	5.48E-05	1.88E-07	1.62E-05	2.46E-07	1.24E-08	0.00E+00
Iowa	Webster	19187	U	Benzene	5.26E-01	5.32E-01	5.40E-01	6.97E-01	7.16E-01	8.01E-01	9.63E-01	1.11E+00	7.19E-07	1.58E-02	1.55E-01	6.50E-02	4.80E-01
Iowa	Webster	19187	U	Beryllium Compounds	3.47E-07	3.48E-07	5.09E-07	3.50E-06	4.57E-06	5.54E-06	1.16E-05	1.57E-05	1.00E-08	4.56E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	1,3-Butadiene	2.57E-03	3.09E-03	4.80E-03	2.35E-02	2.66E-02	3.78E-02	5.68E-02	7.73E-02	0.00E+00	1.99E-03	1.57E-02	8.97E-03	0.00E+00
Iowa	Webster	19187	U	Cadmium Compounds	2.37E-06	2.54E-06	4.15E-06	1.02E-05	1.05E-05	1.27E-05	2.20E-05	2.79E-05	2.51E-08	1.05E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	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	4.37E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Webster	19187	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.34E-02	8.33E-02	8.34E-02	8.35E-02	8.36E-02	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Webster	19187	U	Chromium Compounds	1.93E-05	2.36E-05	3.82E-05	1.64E-04	1.87E-04	2.16E-04	4.83E-04	5.26E-04	1.25E-07	1.60E-04	1.61E-05	1.04E-05	0.00E+00
Iowa	Webster	19187	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
Iowa	Webster	19187	U	1,3-Dichloropropene	2.82E-03	2.87E-03	3.93E-03	2.90E-02	3.66E-02	5.26E-02	8.18E-02	1.14E-01	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	Diesel Particulate Matter	5.19E-01	5.33E-01	5.51E-01	1.13E+00	1.50E+00	2.47E+00	2.79E+00	2.89E+00	0.00E+00	0.00E+00	1.87E-01	1.31E+00	***
Iowa	Webster	19187	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.74E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Webster	19187	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	2.21E-08	1.55E-05	0.00E+00	0.00E+00	6.10E-02
Iowa	Webster	19187	U	Ethylene Oxide	5.99E-05	7.66E-05	8.21E-05	5.00E-04	7.47E-04	7.03E-04	2.37E-03	3.12E-03	0.00E+00	7.47E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	Formaldehyde	3.11E-01	3.12E-01	3.29E-01	4.30E-01	4.21E-01	4.74E-01	5.45E-01	5.98E-01	1.36E-07	3.16E-02	8.22E-02	5.72E-02	2.50E-01
Iowa	Webster	19187	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.36E-05	9.41E-05	9.54E-05	9.55E-05	9.55E-05	0.00E+00	1.15E-06	0.00E+00	0.00E+00	9.30E-05
Iowa	Webster	19187	U	Hydrazine	7.70E-10	1.10E-09	2.64E-09	4.40E-08	5.90E-08	6.92E-08	1.70E-07	2.13E-07	0.00E+00	5.90E-08	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	Lead Compounds	9.95E-05	1.07E-04	1.99E-04	6.41E-04	6.79E-04	9.69E-04	1.45E-03	1.46E-03	2.06E-07	1.39E-04	2.28E-05	5.17E-04	0.00E+00
Iowa	Webster	19187	U	Manganese Compounds	5.44E-05	5.87E-05	8.15E-05	4.96E-04	6.11E-04	8.49E-04	1.36E-03	1.87E-03	2.33E-07	5.91E-04	6.67E-06	1.30E-05	0.00E+00
Iowa	Webster	19187	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.56E-03	1.57E-03	1.59E-03	1.60E-03	4.59E-08	5.23E-05	2.19E-07	2.68E-06	1.50E-03
Iowa	Webster	19187	U	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	2.04E-01	2.19E-01	2.28E-01	3.22E-01	3.81E-01	1.52E-07	6.89E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Webster	19187	U	Nickel Compounds	2.32E-05	2.54E-05	4.14E-05	1.95E-04	2.42E-04	2.52E-04	5.93E-04	7.69E-04	1.28E-07	2.23E-04	1.24E-05	6.37E-06	0.00E+00
Iowa	Webster	19187	U	Perchloroethylene	1.44E-01	1.44E-01	1.46E-01	1.93E-01	2.08E-01	2.34E-01	2.97E-01	3.60E-01	2.25E-08	6.77E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Webster	19187	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Webster	19187	U	Polycyclic Organic Matter	3.16E-03	3.17E-03	4.30E-03	2.70E-02	3.34E-02	4.66E-02	7.40E-02	1.01E-01	1.03E-08	3.33E-02	1.13E-04	2.26E-05	0.00E+00
Iowa	Webster	19187	U	7-PAH	2.19E-04	2.20E-04	3.47E-04	1.69E-03	2.08E-03	2.86E-03	4.51E-03	6.09E-03	2.10E-10	2.02E-03	5.00E-05	8.61E-06	0.00E+00
Iowa	Webster	19187	U	Propylene Dichloride	2.53E-06	2.58E-06	3.15E-06	5.69E-06	5.98E-06	7.77E-06	9.74E-06	1.10E-05	0.00E+00	5.98E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	Quinoline	9.38E-09	1.00E-08	1.59E-08	1.41E-07	1.70E-07	2.08E-07	4.53E-07	5.59E-07	0.00E+00	1.70E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	1,1,2,2-Tetrachloroethane	1.99E-05	2.08E-05	2.56E-05	3.71E-05	3.76E-05	4.94E-05	5.06E-05	5.10E-05	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Webster	19187	U	Trichloroethylene	8.17E-02	8.18E-02	8.20E-02	8.96E-02	9.26E-02	9.28E-02	1.12E-01	1.21E-01	0.00E+00	1.16E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Webster	19187	U	Vinyl Chloride	4.95E-05	5.16E-05	6.34E-05	9.56E-05	9.75E-05	1.29E-04	1.32E-04	1.42E-04	0.00E+00	9.75E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Winnebago	19189	R	Acetaldehyde	2.91E-02	2.91E-02	2.91E-02	3.35E-02	4.26E-02	6.51E-02	6.51E-02	6.51E-02	0.00E+00	9.35E-03	2.15E-02	1.17E-02	0.00E+00
Iowa	Winnebago	19189	R	Acrolein	4.81E-03	4.81E-03	4.81E-03	6.93E-03	1.14E-02	2.26E-02	2.26E-02	2.26E-02	0.00E+00	7.52E-03	2.66E-03	1.26E-03	0.00E+00
Iowa	Winnebago	19189	R	Acrylonitrile	2.07E-04	2.07E-04	2.07E-04	3.27E-04	3.34E-04	4.66E-04	4.66E-04	4.66E-04	3.14E-04	1.97E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Winnebago	19189	R	Arsenic Compounds	9.65E-07	9.65E-07	9.65E-07	1.03E-06	4.30E-06	1.09E-05	1.09E-05	1.09E-05	0.00E+00	4.25E-06	4.36E-08	2.39E-09	0.00E+00
Iowa	Winnebago	19189	R	Benzene	5.16E-01	5.16E-01	5.16E-01	5.20E-01	5.47E-01	6.05E-01	6.05E-01	6.05E-01	8.11E-04	2.07E-02	4.03E-02	5.44E-03	4.80E-01
Iowa	Winnebago	19189	R	Beryllium Compounds	2.11E-07	2.11E-07	2.11E-07	2.55E-07	8.89E-07	2.20E-06	2.20E-06	2.20E-06	0.00E+00	8.89E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Winnebago	19189	R	1,3-Butadiene	2.60E-03	2.60E-03	2.60E-03	3.32E-03	8.44E-03	1.94E-02	1.94E-02	1.94E-02	0.00E+00	4.58E-03	3.45E-03	4.18E-04	0.00E+00
Iowa	Winnebago	19189	R	Cadmium Compounds	8.98E-07	8.98E-07	8.98E-07	1.05E-06	2.25E-06	4.80E-06	4.80E-06	4.80E-06	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Winnebago	19189	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	5.75E-07	1.16E-05	0.00E+00	0.00E+00	

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Winnebago	19189	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	1.76E-07	9.67E-09	0.00E+00	0.00E+00	7.70E-03
Iowa	Winnebago	19189	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	3.79E-05	6.95E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Winnebago	19189	R	Ethylene Oxide	9.85E-06	9.85E-06	9.85E-06	2.19E-05	1.82E-05	2.29E-05	2.29E-05	2.29E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Winnebago	19189	R	Formaldehyde	2.85E-01	2.85E-01	2.85E-01	2.95E-01	3.29E-								

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Winneshiek	19191	R	Trichloroethylene	8.17E-02	8.17E-02	8.17E-02	8.17E-02	8.42E-02	8.80E-02	8.80E-02	8.80E-02	0.00E+00	3.23E-03	0.00E+00	0.00E+00	8.10E-02
Iowa	Winneshiek	19191	R	Vinyl Chloride	6.94E-05	6.94E-05	8.17E-05	9.37E-05	1.15E-04	1.64E-04	1.65E-04	1.65E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Acetaldehyde	8.07E-02	8.57E-02	1.61E-01	1.93E-01	1.82E-01	2.18E-01	2.41E-01	2.49E-01	1.25E-05	1.80E-02	1.31E-01	3.32E-02	0.00E+00
Iowa	Woodbury	19193	U	Acrolein	9.90E-03	1.02E-02	2.11E-02	2.63E-02	2.57E-02	3.16E-02	3.67E-02	3.83E-02	6.36E-06	6.02E-03	1.49E-02	4.76E-03	0.00E+00
Iowa	Woodbury	19193	U	Acrylonitrile	5.11E-05	5.40E-05	1.77E-04	3.71E-04	9.84E-04	7.87E-04	1.83E-03	4.13E-03	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Arsenic Compounds	4.44E-06	1.73E-05	2.38E-05	3.80E-05	3.87E-05	4.57E-05	7.74E-05	7.78E-05	1.00E-05	2.85E-05	1.38E-07	3.72E-08	0.00E+00
Iowa	Woodbury	19193	U	Benzene	5.62E-01	5.63E-01	7.16E-01	8.70E-01	8.61E-01	9.92E-01	1.11E+00	1.17E+00	3.40E-05	1.82E-02	2.88E-01	7.51E-02	4.80E-01
Iowa	Woodbury	19193	U	Beryllium Compounds	5.13E-07	1.31E-06	4.01E-06	8.06E-06	8.03E-06	1.01E-05	1.35E-05	2.16E-05	5.19E-07	7.51E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	1,3-Butadiene	5.43E-03	5.66E-03	2.07E-02	4.04E-02	3.93E-02	5.60E-02	6.93E-02	7.69E-02	0.00E+00	8.24E-04	2.82E-02	1.02E-02	0.00E+00
Iowa	Woodbury	19193	U	Cadmium Compounds	2.78E-06	4.60E-06	1.76E-05	3.12E-05	6.16E-05	5.34E-05	1.06E-04	2.27E-04	1.27E-06	6.03E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	3.20E-04	0.00E+00	0.00E+00	8.80E-01
Iowa	Woodbury	19193	U	Chloroform	8.31E-02	8.31E-02	8.38E-02	8.43E-02	8.58E-02	8.55E-02	8.81E-02	9.41E-02	0.00E+00	2.84E-03	0.00E+00	0.00E+00	8.30E-02
Iowa	Woodbury	19193	U	Chromium Compounds	3.53E-05	5.98E-05	1.15E-04	1.72E-04	1.52E-04	1.97E-04	2.21E-04	2.28E-04	6.44E-06	1.25E-04	9.45E-06	1.09E-05	0.00E+00
Iowa	Woodbury	19193	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
Iowa	Woodbury	19193	U	1,3-Dichloropropene	2.60E-03	3.12E-03	2.54E-02	4.96E-02	4.91E-02	6.58E-02	8.61E-02	1.06E-01	0.00E+00	4.91E-02	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Diesel Particulate Matter	4.78E-01	4.85E-01	6.40E-01	7.57E-01	8.80E-01	1.03E+00	1.20E+00	1.33E+00	0.00E+00	0.00E+00	1.89E-01	6.90E-01	***
Iowa	Woodbury	19193	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	8.92E-07	0.00E+00	0.00E+00	7.70E-03
Iowa	Woodbury	19193	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.14E-02	1.05E-06	1.13E-04	0.00E+00	0.00E+00	6.10E-02
Iowa	Woodbury	19193	U	Ethylene Oxide	1.30E-04	1.30E-04	9.36E-04	2.34E-03	3.09E-03	3.88E-03	6.37E-03	1.18E-02	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Formaldehyde	3.40E-01	3.40E-01	4.18E-01	4.67E-01	4.70E-01	5.31E-01	5.80E-01	5.86E-01	5.13E-05	2.48E-02	1.44E-01	5.13E-02	2.50E-01
Iowa	Woodbury	19193	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.34E-05	9.38E-05	0.00E+00	3.19E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Woodbury	19193	U	Hydrazine	2.56E-09	3.34E-09	5.00E-08	7.96E-08	1.77E-07	2.88E-07	5.19E-07	5.27E-07	0.00E+00	1.77E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Lead Compounds	9.01E-05	1.33E-04	4.01E-04	7.24E-04	1.11E-03	1.16E-03	1.94E-03	3.26E-03	1.04E-05	1.07E-03	1.34E-05	1.49E-05	0.00E+00
Iowa	Woodbury	19193	U	Manganese Compounds	7.13E-05	8.29E-05	5.30E-04	9.63E-04	9.35E-04	1.24E-03	1.63E-03	1.92E-03	1.21E-05	9.05E-04	3.89E-06	1.41E-05	0.00E+00
Iowa	Woodbury	19193	U	Mercury Compounds	1.53E-03	1.53E-03	1.60E-03	1.72E-03	2.07E-03	1.98E-03	2.57E-03	3.87E-03	3.27E-06	5.66E-04	1.26E-07	2.70E-06	1.50E-03
Iowa	Woodbury	19193	U	Methylene Chloride	1.56E-01	1.56E-01	1.97E-01	2.59E-01	2.68E-01	3.25E-01	4.20E-01	4.23E-01	7.25E-06	1.18E-01	0.00E+00	0.00E+00	1.50E-01
Iowa	Woodbury	19193	U	Nickel Compounds	3.24E-05	4.83E-05	2.17E-04	3.67E-04	4.97E-04	8.07E-04	9.48E-04	1.03E-03	6.83E-06	4.75E-04	7.27E-06	7.37E-06	0.00E+00
Iowa	Woodbury	19193	U	Perchloroethylene	1.44E-01	1.44E-01	1.81E-01	2.37E-01	2.30E-01	2.65E-01	3.05E-01	3.41E-01	1.07E-06	9.02E-02	0.00E+00	0.00E+00	1.40E-01
Iowa	Woodbury	19193	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Woodbury	19193	U	Polycyclic Organic Matter	3.25E-03	3.61E-03	2.73E-02	4.98E-02	4.82E-02	6.20E-02	8.13E-02	9.77E-02	4.94E-07	4.81E-02	6.64E-05	2.02E-05	0.00E+00
Iowa	Woodbury	19193	U	7-PAH	2.18E-04	2.39E-04	1.71E-03	3.15E-03	2.93E-03	3.69E-03	4.73E-03	5.84E-03	1.00E-08	2.89E-03	2.95E-05	1.02E-05	0.00E+00
Iowa	Woodbury	19193	U	Propylene Dichloride	3.03E-06	3.24E-06	1.23E-05	2.67E-05	5.87E-05	4.65E-05	1.06E-04	2.37E-04	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Quinoline	2.14E-08	2.34E-08	2.03E-07	3.08E-07	5.45E-07	9.06E-07	1.43E-06	1.47E-06	0.00E+00	5.45E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	1,1,2,2-Tetrachloroethane	2.41E-05	2.59E-05	7.61E-05	1.64E-04	4.53E-04	3.65E-04	8.52E-04	1.92E-03	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00
Iowa	Woodbury	19193	U	Trichloroethylene	8.20E-02	8.21E-02	8.84E-02	9.93E-02	1.06E-01	1.21E-01	1.39E-01	1.42E-01	0.00E+00	2.52E-02	0.00E+00	0.00E+00	8.10E-02
Iowa	Woodbury	19193	U	Vinyl Chloride	6.00E-05	6.46E-05	1.99E-04	4.19E-04	1.13E-03	9.07E-04	2.11E-03	4.76E-03	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	Acetaldehyde	3.91E-02	3.91E-02	3.91E-02	3.93E-02	3.93E-02	3.97E-02	3.97E-02	3.97E-02	8.84E-08	4.66E-03	2.35E-02	1.12E-02	0.00E+00
Iowa	Worth	19195	R	Acrolein	7.32E-03	7.32E-03	7.32E-03	7.67E-03	7.99E-03	8.98E-03	8.98E-03	8.98E-03	4.50E-08	3.95E-03	2.85E-03	1.19E-03	0.00E+00
Iowa	Worth	19195	R	Acrylonitrile	5.62E-05	5.62E-05	5.62E-05	6.45E-05	8.35E-05	1.30E-04	1.30E-04	1.30E-04	4.54E-05	3.81E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	Arsenic Compounds	1.08E-06	1.08E-06	1.08E-06	1.28E-06	1.31E-06	1.56E-06	1.56E-06	1.56E-06	7.42E-08	1.19E-06	3.58E-08	2.00E-09	0.00E+00
Iowa	Worth	19195	R	Benzene	5.25E-01	5.25E-01	5.25E-01	5.26E-01	5.28E-01	5.33E-01	5.33E-01	5.33E-01	1.17E-04	1.06E-02	3.13E-02	6.05E-03	4.80E-01
Iowa	Worth	19195	R	Beryllium Compounds	2.67E-07	2.67E-07	2.67E-07	3.15E-07	3.10E-07	3.50E-07	3.50E-07	3.50E-07	3.89E-09	3.07E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	1,3-Butadiene	2.74E-03	2.74E-03	2.74E-03	3.13E-03	3.21E-03	3.76E-03	3.76E-03	3.76E-03	0.00E+00	8.46E-04	1.96E-03	4.03E-04	0.00E+00
Iowa	Worth	19195	R	Cadmium Compounds	1.31E-06	1.31E-06	1.31E-06	1.49E-06	1.46E-06	1.58E-06	1.58E-06	1.58E-06	9.64E-09	1.45E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	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	8.32E-08	1.63E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Worth	19195	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	4.84E-07	7.38E-05	0.00E+00	0.00E+00	8.30E-02
Iowa	Worth	19195	R	Chromium Compounds	7.07E-05	7.07E-05	7.07E-05	1.28E-04	1.10E-04	1.30E-04	1.30E-04	1.30E-04	4.85E-08	1.05E-04	2.33E-06	2.32E-06	0.00E+00
Iowa	Worth	19195	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00							

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
Iowa	Worth	19195	R	Ethylene Oxide	3.62E-05	3.62E-05	3.62E-05	4.32E-05	4.32E-05	5.01E-05	5.01E-05	5.01E-05	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	Formaldehyde	2.96E-01	2.96E-01	2.96E-01	2.98E-01	2.97E-01	2.98E-01	2.98E-01	2.98E-01	8.08E-05	9.71E-03	2.17E-02	1.59E-02	2.50E-01
Iowa	Worth	19195	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	1.02E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Worth	19195	R	Hydrazine	9.52E-11	9.52E-11	9.52E-11	1.36E-10	1.23E-10	1.39E-10	1.39E-10	1.39E-10	0.00E+00	1.23E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	Lead Compounds	5.38E-05	5.38E-05	5.38E-05	6.73E-05	8.36E-05	1.30E-04	1.30E-04	1.30E-04	7.90E-08	1.61E-05	3.19E-06	6.42E-05	0.00E+00
Iowa	Worth	19195	R	Manganese Compounds	3.37E-05	3.37E-05	3.37E-05	3.56E-05	3.66E-05	4.04E-05	4.04E-05	4.04E-05	9.05E-08	3.30E-05	9.08E-07	2.58E-06	0.00E+00
Iowa	Worth	19195	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	2.88E-08	1.05E-05	3.15E-08	6.65E-07	1.50E-03
Iowa	Worth	19195	R	Methylene Chloride	1.68E-01	1.68E-01	1.68E-01	1.71E-01	1.86E-01	2.20E-01	2.20E-01	2.20E-01	5.11E-04	3.59E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Worth	19195	R	Nickel Compounds	2.14E-05	2.14E-05	2.14E-05	2.23E-05	2.64E-05	3.56E-05	3.56E-05	3.56E-05	5.07E-08	2.35E-05	1.81E-06	1.10E-06	0.00E+00
Iowa	Worth	19195	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	8.22E-05	1.37E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Worth	19195	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Worth	19195	R	Polycyclic Organic Matter	4.97E-03	4.97E-03	4.97E-03	5.54E-03	6.32E-03	8.44E-03	8.44E-03	8.44E-03	4.24E-09	6.30E-03	1.71E-05	2.53E-06	0.00E+00
Iowa	Worth	19195	R	7-PAH	2.28E-04	2.28E-04	2.28E-04	2.42E-04	2.57E-04	3.01E-04	3.01E-04	3.01E-04	7.80E-11	2.49E-04	7.58E-06	8.71E-07	0.00E+00
Iowa	Worth	19195	R	Propylene Dichloride	3.13E-06	3.13E-06	3.13E-06	3.19E-06	4.59E-06	7.45E-06	7.45E-06	7.45E-06	2.75E-06	1.84E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	Quinoline	1.87E-09	1.87E-09	1.87E-09	2.50E-09	2.33E-09	2.62E-09	2.62E-09	2.62E-09	0.00E+00	2.33E-09	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	1,1,2,2-Tetrachloroethane	2.37E-05	2.37E-05	2.37E-05	2.55E-05	3.83E-05	6.57E-05	6.57E-05	6.57E-05	2.52E-05	1.31E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Worth	19195	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	4.92E-05	4.47E-04	0.00E+00	0.00E+00	8.10E-02
Iowa	Worth	19195	R	Vinyl Chloride	8.40E-05	8.40E-05	8.40E-05	1.18E-04	1.29E-04	1.85E-04	1.85E-04	1.85E-04	6.20E-05	6.70E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wright	19197	R	Acetaldehyde	2.69E-02	2.69E-02	3.33E-02	3.63E-02	4.04E-02	5.23E-02	5.34E-02	5.34E-02	2.33E-06	4.20E-03	2.15E-02	1.47E-02	0.00E+00
Iowa	Wright	19197	R	Acrolein	3.28E-03	3.28E-03	3.87E-03	4.34E-03	5.14E-03	7.05E-03	7.17E-03	7.17E-03	1.18E-06	9.26E-04	2.76E-03	1.46E-03	0.00E+00
Iowa	Wright	19197	R	Acrylonitrile	1.89E-05	1.89E-05	2.21E-05	2.80E-05	3.11E-05	2.87E-05	5.77E-05	5.77E-05	8.05E-08	3.10E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wright	19197	R	Arsenic Compounds	1.89E-06	1.89E-06	1.99E-06	5.41E-06	4.70E-06	7.00E-06	7.23E-06	7.23E-06	1.68E-06	2.97E-06	5.64E-08	3.42E-09	0.00E+00
Iowa	Wright	19197	R	Benzene	5.05E-01	5.05E-01	5.12E-01	5.20E-01	5.27E-01	5.49E-01	5.50E-01	5.50E-01	5.90E-06	1.91E-03	3.80E-02	7.51E-03	4.80E-01
Iowa	Wright	19197	R	Beryllium Compounds	2.64E-07	2.64E-07	2.71E-07	5.57E-07	8.91E-07	1.67E-06	1.69E-06	1.69E-06	8.66E-08	8.04E-07	0.00E+00	0.00E+00	0.00E+00
Iowa	Wright	19197	R	1,3-Butadiene	1.42E-03	1.42E-03	1.91E-03	2.77E-03	3.80E-03	6.45E-03	6.46E-03	6.46E-03	0.00E+00	6.30E-05	3.10E-03	6.41E-04	0.00E+00
Iowa	Wright	19197	R	Cadmium Compounds	7.88E-07	7.88E-07	1.10E-06	1.43E-06	1.97E-06	3.26E-06	3.28E-06	3.28E-06	2.13E-07	1.76E-06	0.00E+00	0.00E+00	0.00E+00
Iowa	Wright	19197	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	1.48E-10	1.44E-05	0.00E+00	0.00E+00	8.80E-01
Iowa	Wright	19197	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.59E-10	1.03E-04	0.00E+00	0.00E+00	8.30E-02
Iowa	Wright	19197	R	Chromium Compounds	1.07E-04	1.07E-04	2.75E-04	2.77E-04	1.19E-03	2.65E-03	2.65E-03	2.65E-03	1.08E-06	1.18E-03	3.64E-06	4.24E-06	0.00E+00
Iowa	Wright	19197	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
Iowa	Wright	19197	R	1,3-Dichloropropene	1.73E-03	1.73E-03	1.89E-03	2.90E-03	6.93E-03	1.40E-02	1.41E-02	1.41E-02	0.00E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00
Iowa	Wright	19197	R	Diesel Particulate Matter	4.99E-01	4.99E-01	5.10E-01	6.01E-01	6.17E-01	7.37E-01	7.40E-01	7.40E-01	0.00E+00	0.00E+00	1.22E-01	4.95E-01	***
Iowa	Wright	19197	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	4.50E-11	1.85E-08	0.00E+00	0.00E+00	7.70E-03
Iowa	Wright	19197	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	1.85E-07	3.81E-06	0.00E+00	0.00E+00	6.10E-02
Iowa	Wright	19197	R	Ethylene Oxide	2.45E-05	2.45E-05	2.86E-05	4.47E-05	9.64E-05	1.92E-04	1.92E-04	1.92E-04	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00
Iowa	Wright	19197	R	Formaldehyde	2.81E-01	2.81E-01	2.87E-01	2.93E-01	3.01E-01	3.21E-01	3.23E-01	3.23E-01	1.08E-06	5.68E-03	2.34E-02	2.22E-02	2.50E-01
Iowa	Wright	19197	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.33E-07	0.00E+00	0.00E+00	9.30E-05
Iowa	Wright	19197	R	Hydrazine	9.03E-11	9.03E-11	9.09E-11	1.62E-10	3.81E-10	2.60E-10	1.30E-09	1.30E-09	0.00E+00	3.81E-10	0.00E+00	0.00E+00	0.00E+00
Iowa	Wright	19197	R	Lead Compounds	1.75E-05	1.75E-05	2.46E-05	3.23E-05	4.67E-05	7.78E-05	8.16E-05	8.16E-05	1.75E-06	2.77E-05	5.10E-06	1.22E-05	0.00E+00
Iowa	Wright	19197	R	Manganese Compounds	7.04E-05	7.04E-05	1.23E-04	1.47E-04	4.92E-04	1.06E-03	1.06E-03	1.06E-03	2.02E-06	4.84E-04	1.48E-06	4.54E-06	0.00E+00
Iowa	Wright	19197	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	3.64E-07	7.77E-06	4.97E-08	1.20E-06	1.50E-03
Iowa	Wright	19197	R	Methylene Chloride	1.53E-01	1.53E-01	1.54E-01	1.55E-01	1.63E-01	1.77E-01	1.77E-01	1.77E-01	1.53E-06	1.32E-02	0.00E+00	0.00E+00	1.50E-01
Iowa	Wright	19197	R	Nickel Compounds	9.28E-05	9.28E-05	2.34E-04	2.55E-04	1.10E-03	2.47E-03	2.47E-03	2.47E-03	1.14E-06	1.10E-03	2.81E-06	1.99E-06	0.00E+00
Iowa	Wright	19197	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.49E-01	1.59E-01	1.59E-01	1.59E-01	3.28E-07	9.06E-03	0.00E+00	0.00E+00	1.40E-01
Iowa	Wright	19197	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Iowa	Wright	19197	R	Polycyclic Organic Matter	1.85E-03	1.85E-03	2.08E-03	2.93E-03	6.31E-03	1.23E-02	1.24E-02	1.24E-02	8.15E-08	6.28E-03	2.58E-05	2.33E-06	0.00E+00
Iowa	Wright	19197	R	7-PAH	1.23E-04	1.23E-04	1.38E-04	1.89E-04	3.90E-04	7.48E-04	7.52E-04	7.52E-04	1.66E-09	3.78E-04	1.15E-05	1.01E-06	0.00E+00
Iowa	Wright	19197	R	Propylene Dichloride	1.10E-06	1.10E-06	1.25E-06	1.56E-06	1.78E-06	1.60E-06	3.37E-06	3.37E-06	4.88E-09	1.77E-06	0.00E+00	0.	

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
National	Nationwide	N/A	N/A	Acetaldehyde	5.96E-02	9.84E-02	2.26E-01	5.62E-01	8.02E-01	1.05E+00	1.68E+00	2.26E+00	6.83E-03	7.45E-02	4.38E-01	2.83E-01	0.00E+00
National	Nationwide	N/A	N/A	Acrolein	1.36E-02	2.35E-02	4.48E-02	8.45E-02	1.19E-01	1.43E-01	2.42E-01	3.56E-01	3.48E-03	2.52E-02	4.93E-02	4.13E-02	0.00E+00
National	Nationwide	N/A	N/A	Acrylonitrile	2.70E-05	5.84E-05	2.04E-04	7.85E-04	5.04E-03	2.76E-03	7.94E-03	1.73E-02	4.21E-03	8.33E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Arsenic Compounds	2.23E-06	6.05E-06	2.25E-05	6.21E-05	1.46E-04	1.37E-04	2.52E-04	4.00E-04	5.00E-05	8.75E-05	6.47E-07	7.65E-06	0.00E+00
National	Nationwide	N/A	N/A	Benzene	5.62E-01	6.10E-01	7.87E-01	1.21E+00	1.39E+00	1.78E+00	2.37E+00	2.84E+00	3.70E-02	8.72E-02	5.54E-01	2.34E-01	4.80E-01
National	Nationwide	N/A	N/A	Beryllium Compounds	3.14E-07	7.40E-07	3.13E-06	1.08E-05	3.11E-05	2.16E-05	3.93E-05	6.10E-05	2.43E-06	2.86E-05	0.00E+00	6.69E-08	0.00E+00
National	Nationwide	N/A	N/A	1,3-Butadiene	5.92E-03	9.52E-03	2.25E-02	5.39E-02	7.18E-02	9.38E-02	1.46E-01	1.89E-01	1.43E-03	9.24E-03	4.63E-02	1.48E-02	0.00E+00
National	Nationwide	N/A	N/A	Cadmium Compounds	1.37E-06	3.29E-06	1.39E-05	5.13E-05	2.12E-04	1.74E-04	5.01E-04	7.83E-04	2.51E-05	1.86E-04	0.00E+00	9.34E-07	0.00E+00
National	Nationwide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.83E-01	5.42E-04	6.63E-04	0.00E+00	0.00E+00	8.80E-01
National	Nationwide	N/A	N/A	Chloroform	8.31E-02	8.32E-02	8.35E-02	8.47E-02	8.94E-02	8.73E-02	9.61E-02	1.06E-01	2.73E-03	3.69E-03	0.00E+00	0.00E+00	8.30E-02
National	Nationwide	N/A	N/A	Chromium Compounds	1.70E-05	3.97E-05	1.68E-04	7.95E-04	2.33E-03	2.65E-03	5.56E-03	8.43E-03	3.51E-04	1.79E-03	4.22E-05	1.39E-04	0.00E+00
National	Nationwide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	7.38E-04	4.79E-03	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,3-Dichloropropene	2.53E-03	5.17E-03	2.01E-02	6.45E-02	9.53E-02	1.19E-01	2.24E-01	3.33E-01	3.13E-06	9.53E-02	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Diesel Particulate Matter	3.28E-01	4.86E-01	8.49E-01	1.53E+00	2.06E+00	2.45E+00	3.66E+00	5.37E+00	0.00E+00	0.00E+00	6.30E-01	1.43E+00	***
National	Nationwide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.73E-03	7.70E-03	7.71E-03	7.72E-03	1.21E-05	2.09E-05	0.00E+00	0.00E+00	7.70E-03
National	Nationwide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.32E-02	6.15E-02	6.29E-02	6.71E-02	1.90E-03	2.75E-04	0.00E+00	0.00E+00	6.10E-02
National	Nationwide	N/A	N/A	Ethylene Oxide	2.82E-05	7.07E-05	3.53E-04	1.60E-03	4.14E-03	4.13E-03	8.47E-03	1.40E-02	4.64E-04	3.67E-03	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Formaldehyde	3.45E-01	4.05E-01	5.61E-01	8.90E-01	1.25E+00	1.44E+00	2.24E+00	3.15E+00	1.15E-02	1.38E-01	3.76E-01	4.77E-01	2.50E-01
National	Nationwide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.34E-05	9.31E-05	9.34E-05	9.42E-05	7.55E-08	3.48E-07	0.00E+00	0.00E+00	9.30E-05
National	Nationwide	N/A	N/A	Hydrazine	3.66E-11	2.90E-10	4.99E-09	4.40E-08	9.77E-06	3.01E-07	6.46E-06	2.18E-05	3.27E-06	6.50E-06	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Lead Compounds	3.67E-05	8.95E-05	3.98E-04	1.88E-03	5.99E-03	6.10E-03	1.54E-02	2.50E-02	4.93E-04	2.16E-03	5.88E-05	3.28E-03	0.00E+00
National	Nationwide	N/A	N/A	Manganese Compounds	5.71E-05	1.43E-04	5.63E-04	1.46E-03	3.13E-03	3.27E-03	6.54E-03	9.27E-03	9.06E-04	2.06E-03	1.72E-05	1.41E-04	0.00E+00
National	Nationwide	N/A	N/A	Mercury Compounds	1.51E-03	1.52E-03	1.56E-03	1.69E-03	2.06E-03	2.00E-03	2.67E-03	3.77E-03	6.17E-05	4.69E-04	5.60E-07	2.90E-05	1.50E-03
National	Nationwide	N/A	N/A	Methylene Chloride	1.56E-01	1.63E-01	2.09E-01	3.40E-01	4.70E-01	5.62E-01	9.22E-01	1.19E+00	6.20E-02	2.58E-01	0.00E+00	0.00E+00	1.50E-01
National	Nationwide	N/A	N/A	Nickel Compounds	2.43E-05	5.57E-05	2.47E-04	9.48E-04	2.22E-03	2.79E-03	5.29E-03	7.58E-03	3.39E-04	1.53E-03	3.28E-05	3.22E-04	0.00E+00
National	Nationwide	N/A	N/A	Perchloroethylene	1.42E-01	1.46E-01	1.66E-01	2.43E-01	3.23E-01	3.68E-01	5.98E-01	7.80E-01	2.30E-02	1.60E-01	0.00E+00	0.00E+00	1.40E-01
National	Nationwide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.80E-04	3.67E-09	1.09E-06	0.00E+00	0.00E+00	3.80E-04
National	Nationwide	N/A	N/A	Polycyclic Organic Matter	4.74E-03	8.13E-03	2.25E-02	5.79E-02	9.07E-02	1.10E-01	2.13E-01	3.06E-01	6.63E-03	8.37E-02	2.60E-04	9.44E-05	0.00E+00
National	Nationwide	N/A	N/A	7-PAH	2.91E-04	5.22E-04	1.11E-03	2.70E-03	4.36E-03	5.09E-03	1.02E-02	1.52E-02	2.17E-04	4.00E-03	1.18E-04	2.55E-05	0.00E+00
National	Nationwide	N/A	N/A	Propylene Dichloride	1.51E-06	3.50E-06	1.20E-05	4.16E-05	4.04E-04	1.34E-04	3.98E-04	8.71E-04	3.55E-04	4.90E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Quinoline	7.86E-10	4.86E-09	4.10E-08	2.53E-07	4.33E-05	1.05E-06	3.31E-06	5.44E-05	2.96E-05	1.36E-05	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	1,1,2,2-Tetrachloroethane	9.99E-06	2.36E-05	8.38E-05	3.13E-04	1.71E-03	1.03E-03	3.05E-03	5.96E-03	1.37E-03	3.35E-04	0.00E+00	0.00E+00	0.00E+00
National	Nationwide	N/A	N/A	Trichloroethylene	8.16E-02	8.26E-02	9.03E-02	1.18E-01	1.79E-01	1.85E-01	3.18E-01	4.60E-01	2.70E-02	7.12E-02	0.00E+00	0.00E+00	8.10E-02
National	Nationwide	N/A	N/A	Vinyl Chloride	2.96E-05	7.20E-05	2.62E-04	1.06E-03	5.66E-03	3.95E-03	1.14E-02	2.04E-02	4.37E-03	1.29E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Acetaldehyde	1.26E-01	2.01E-01	4.01E-01	7.43E-01	9.67E-01	1.19E+00	1.84E+00	2.59E+00	7.02E-03	8.33E-02	5.29E-01	3.48E-01	0.00E+00
National	All Urban Counties	N/A	U	Acrolein	2.27E-02	3.49E-02	6.21E-02	1.03E-01	1.39E-01	1.63E-01	2.67E-01	3.97E-01	4.21E-03	2.48E-02	5.93E-02	5.07E-02	0.00E+00
National	All Urban Counties	N/A	U	Acrylonitrile	7.60E-05	1.42E-04	4.09E-04	1.16E-03	6.16E-03	3.83E-03	1.01E-02	2.07E-02	5.16E-03	9.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Arsenic Compounds	7.67E-06	1.55E-05	3.74E-05	8.05E-05	1.69E-04	1.55E-04	2.77E-04	4.44E-04	5.69E-05	1.02E-04	7.70E-07	9.52E-06	0.00E+00
National	All Urban Counties	N/A	U	Benzene	6.48E-01	7.48E-01	1.00E+00	1.41E+00	1.57E+00	1.94E+00	2.52E+00	2.98E+00	4.57E-02	9.18E-02	6.67E-01	2.82E-01	4.80E-01
National	All Urban Counties	N/A	U	Beryllium Compounds	1.06E-06	2.35E-06	6.74E-06	1.39E-05	3.70E-05	2.48E-05	4.40E-05	6.75E-05	2.16E-06	3.48E-05	0.00E+00	8.34E-08	0.00E+00
National	All Urban Counties	N/A	U	1,3-Butadiene	1.11E-02	1.76E-02	3.63E-02	6.65E-02	8.41E-02	1.06E-01	1.58E-01	2.03E-01	1.74E-03	8.68E-03	5.57E-02	1.79E-02	0.00E+00
National	All Urban Counties	N/A	U	Cadmium Compounds	4.93E-06	1.04E-05	2.70E-05	7.72E-05	2.49E-04	2.35E-04	5.80E-04	8.79E-04	2.81E-05	2.20E-04	0.00E+00	1.16E-06	0.00E+00
National	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.82E-01	8.84E-01	6.68E-04	8.12E-04	0.00E+00	0.00E+00	8.80E-01
National	All Urban Counties	N/A	U	Chloroform	8.33E-02	8.35E-02	8.40E-02	8.53E-02	9.08E-02	8.84E-02	9.91E-02	1.08E-01	3.20E-03	4.56E-03	0.00E+00	0.00E+00	8.30E-02
National	All Urban Counties	N/A	U	Chromium Compounds	5.60E-05	1.17E-04	3.65E-04	1.26E-03	2.77E-03	3.26E-03	6.29E-03	9.37E-03	4.05E-04	2.14E-03	5.02E-05	1.72E-04	0.00E+00
National	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	1.92E-03	6.37E-03	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,3-Dichloropropene	8.34E-03	1.65E-02	4.38E-02	8.18E-02	1.16E-01	1.41E-01	2.58E-01	3.71E-01	3.83E-06	1.16E-01	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Diesel Particulate Matter	5.13E-01	7.18E-01	1.17E+00	1.86E+00	2.41E+00	2.70E+00	4.09E+00	6.06E+00	0.00E+00	0.00E+00	7.25E-01	1.69E+00	***
National	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.74E-03	7.70E-03	7.71E-03	7.73E-03	1.50E-05	2.63E-05	0.00E+00	0.00E+00	7.70E-03
National	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.11E-02	6.1									

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Iowa																	
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
National	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.35E-05	9.31E-05	9.36E-05	9.46E-05	9.13E-08	4.16E-07	0.00E+00	0.00E+00	9.30E-05
National	All Urban Counties	N/A	U	Hydrazine	8.29E-10	3.00E-09	1.51E-08	7.86E-08	1.21E-05	5.18E-07	9.97E-06	2.74E-05	4.01E-06	8.13E-06	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Lead Compounds	1.38E-04	2.86E-04	9.04E-04	3.03E-03	7.30E-03	7.88E-03	1.79E-02	2.84E-02	5.61E-04	2.58E-03	7.00E-05	4.10E-03	0.00E+00
National	All Urban Counties	N/A	U	Manganese Compounds	1.77E-04	3.76E-04	9.10E-04	1.82E-03	3.45E-03	3.79E-03	7.09E-03	9.81E-03	9.40E-04	2.32E-03	2.05E-05	1.74E-04	0.00E+00
National	All Urban Counties	N/A	U	Mercury Compounds	1.52E-03	1.55E-03	1.61E-03	1.78E-03	2.19E-03	2.11E-03	2.95E-03	4.15E-03	6.99E-05	5.79E-04	6.65E-07	3.57E-05	1.50E-03
National	All Urban Counties	N/A	U	Methylene Chloride	1.73E-01	1.97E-01	2.69E-01	4.02E-01	5.34E-01	6.45E-01	1.00E+00	1.27E+00	7.21E-02	3.12E-01	0.00E+00	0.00E+00	1.50E-01
National	All Urban Counties	N/A	U	Nickel Compounds	8.55E-05	1.78E-04	5.15E-04	1.41E-03	2.66E-03	3.37E-03	5.84E-03	8.35E-03	3.98E-04	1.82E-03	3.90E-05	4.00E-04	0.00E+00
National	All Urban Counties	N/A	U	Perchloroethylene	1.51E-01	1.62E-01	2.03E-01	2.83E-01	3.65E-01	4.20E-01	6.57E-01	8.40E-01	2.84E-02	1.97E-01	0.00E+00	0.00E+00	1.40E-01
National	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.80E-04	3.80E-04	3.81E-04	3.74E-09	1.38E-06	0.00E+00	0.00E+00	3.80E-04
National	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.03E-02	1.78E-02	4.00E-02	7.15E-02	1.08E-01	1.30E-01	2.41E-01	3.33E-01	7.54E-03	9.97E-02	3.07E-04	1.13E-04	0.00E+00
National	All Urban Counties	N/A	U	7-PAH	4.71E-04	7.69E-04	1.70E-03	3.36E-03	5.13E-03	5.98E-03	1.17E-02	1.68E-02	2.72E-04	4.69E-03	1.39E-04	2.91E-05	0.00E+00
National	All Urban Counties	N/A	U	Propylene Dichloride	4.71E-06	8.70E-06	2.28E-05	6.25E-05	5.06E-04	1.89E-04	4.93E-04	1.09E-03	4.47E-04	5.85E-05	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Quinoline	9.00E-09	2.52E-08	1.02E-07	4.40E-07	5.33E-05	1.33E-06	4.94E-06	8.54E-05	3.67E-05	1.66E-05	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	2.82E-05	5.28E-05	1.67E-04	4.63E-04	2.12E-03	1.38E-03	3.76E-03	7.69E-03	1.72E-03	3.97E-04	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Trichloroethylene	8.41E-02	8.80E-02	1.01E-01	1.35E-01	2.00E-01	2.11E-01	3.54E-01	5.14E-01	3.25E-02	8.66E-02	0.00E+00	0.00E+00	8.10E-02
National	All Urban Counties	N/A	U	Vinyl Chloride	8.98E-05	1.84E-04	5.36E-04	1.62E-03	7.01E-03	5.63E-03	1.40E-02	2.36E-02	5.47E-03	1.54E-03	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Acetaldehyde	2.47E-02	4.10E-02	7.84E-02	1.33E-01	1.72E-01	2.24E-01	3.45E-01	4.30E-01	6.12E-03	4.10E-02	8.84E-02	3.69E-02	0.00E+00
National	All Rural Counties	N/A	R	Acrolein	4.11E-03	9.31E-03	2.17E-02	3.65E-02	4.39E-02	5.50E-02	8.13E-02	1.04E-01	6.92E-04	2.67E-02	1.10E-02	5.49E-03	0.00E+00
National	All Rural Counties	N/A	R	Acrylonitrile	5.38E-06	1.39E-05	3.97E-05	1.05E-04	7.97E-04	2.80E-04	7.00E-04	1.29E-03	5.87E-04	2.11E-04	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Arsenic Compounds	4.04E-07	1.08E-06	3.95E-06	1.28E-05	5.79E-05	3.72E-05	9.44E-05	1.94E-04	2.35E-05	3.37E-05	1.78E-07	5.02E-07	0.00E+00
National	All Rural Counties	N/A	R	Benzene	5.10E-01	5.36E-01	5.84E-01	6.58E-01	7.32E-01	7.99E-01	1.00E+00	1.17E+00	4.07E-03	6.98E-02	1.25E-01	5.29E-02	4.80E-01
National	All Rural Counties	N/A	R	Beryllium Compounds	7.74E-08	1.81E-07	5.14E-07	1.31E-06	8.51E-06	3.84E-06	9.78E-06	1.81E-05	3.46E-06	5.04E-06	0.00E+00	4.17E-09	0.00E+00
National	All Rural Counties	N/A	R	1,3-Butadiene	2.06E-03	3.94E-03	8.00E-03	1.39E-02	2.51E-02	2.94E-02	5.31E-02	7.36E-02	2.57E-04	1.14E-02	1.03E-02	3.19E-03	0.00E+00
National	All Rural Counties	N/A	R	Cadmium Compounds	2.96E-07	7.67E-07	2.19E-06	6.08E-06	7.14E-05	1.83E-05	5.51E-05	1.36E-04	1.37E-05	5.77E-05	0.00E+00	5.81E-08	0.00E+00
National	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	6.21E-05	9.88E-05	0.00E+00	0.00E+00	8.80E-01
National	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.43E-02	8.35E-02	8.42E-02	8.64E-02	9.45E-04	4.02E-04	0.00E+00	0.00E+00	8.30E-02
National	All Rural Counties	N/A	R	Chromium Compounds	2.83E-06	8.42E-06	2.55E-05	7.47E-05	6.53E-04	2.48E-04	1.06E-03	2.43E-03	1.46E-04	4.81E-04	1.17E-05	1.41E-05	0.00E+00
National	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	1,3-Dichloropropene	5.52E-04	1.39E-03	3.47E-03	7.68E-03	1.72E-02	2.08E-02	4.69E-02	6.53E-02	4.52E-07	1.72E-02	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Diesel Particulate Matter	1.45E-01	2.25E-01	4.24E-01	6.66E-01	7.40E-01	9.66E-01	1.32E+00	1.56E+00	0.00E+00	0.00E+00	2.71E-01	4.69E-01	***
National	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	9.10E-07	4.24E-07	0.00E+00	0.00E+00	7.70E-03
National	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.10E-02	6.11E-02	6.12E-02	2.11E-04	4.08E-05	0.00E+00	0.00E+00	6.10E-02
National	All Rural Counties	N/A	R	Ethylene Oxide	4.98E-06	1.24E-05	4.10E-05	1.25E-04	7.64E-04	4.14E-04	1.23E-03	2.27E-03	2.25E-04	5.38E-04	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Formaldehyde	2.84E-01	3.13E-01	3.81E-01	4.67E-01	5.48E-01	5.93E-01	7.69E-01	9.16E-01	6.47E-03	1.56E-01	7.92E-02	5.61E-02	2.50E-01
National	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	1.50E-08	8.66E-08	0.00E+00	0.00E+00	9.30E-05
National	All Rural Counties	N/A	R	Hydrazine	0.00E+00	4.45E-12	9.09E-11	9.62E-10	7.52E-07	8.89E-09	8.65E-08	3.65E-07	4.46E-07	3.05E-07	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Lead Compounds	7.89E-06	1.76E-05	5.26E-05	1.71E-04	9.65E-04	5.23E-04	1.53E-03	3.13E-03	2.33E-04	5.66E-04	1.64E-05	1.50E-04	0.00E+00
National	All Rural Counties	N/A	R	Manganese Compounds	1.04E-05	2.70E-05	9.58E-05	3.17E-04	1.88E-03	9.52E-04	2.76E-03	5.70E-03	7.75E-04	1.09E-03	4.74E-06	1.45E-05	0.00E+00
National	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.59E-03	1.56E-03	1.62E-03	1.69E-03	3.04E-05	5.14E-05	1.57E-07	3.31E-06	1.50E-03
National	All Rural Counties	N/A	R	Methylene Chloride	1.51E-01	1.53E-01	1.58E-01	1.72E-01	2.25E-01	2.17E-01	3.21E-01	4.34E-01	2.34E-02	5.15E-02	0.00E+00	0.00E+00	1.50E-01
National	All Rural Counties	N/A	R	Nickel Compounds	4.25E-06	1.20E-05	3.51E-05	1.01E-04	5.65E-04	3.28E-04	9.65E-04	1.98E-03	1.17E-04	4.16E-04	9.04E-06	2.27E-05	0.00E+00
National	All Rural Counties	N/A	R	Perchloroethylene	1.40E-01	1.41E-01	1.43E-01	1.49E-01	1.65E-01	1.65E-01	2.06E-01	2.41E-01	2.26E-03	2.25E-02	0.00E+00	0.00E+00	1.40E-01
National	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.42E-09	1.17E-08	0.00E+00	0.00E+00	3.80E-04
National	All Rural Counties	N/A	R	Polycyclic Organic Matter	1.32E-03	2.90E-03	6.21E-03	1.18E-02	2.61E-02	2.71E-02	5.54E-02	8.67E-02	3.16E-03	2.28E-02	8.05E-05	2.55E-05	0.00E+00
National	All Rural Counties	N/A	R	7-PAH	8.42E-05	1.89E-04	5.10E-04	9.11E-04	1.41E-03	1.65E-03	3.04E-03	4.11E-03	9.20E-06	1.35E-03	3.88E-05	1.19E-05	0.00E+00
National	All Rural Counties	N/A	R	Propylene Dichloride	2.43E-07	6.71E-07	2.34E-06	6.42E-06	1.82E-05	1.58E-05	3.57E-05	5.62E-05	5.71E-06	1.24E-05	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Quinoline	0.00E+00	1.21E-10	1.90E-09	1.44E-08	5.06E-06	7.37E-08	3.29E-07	9.54E-07	2.77E-06	2.29E-06	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.34E-06	4.65E-06	1.69E-05	4.77E-05	1.31E-04	1.23E-04	2.84E-04	4.57E-04	3.28E-05	9.84E-05	0.00E+00	0.00E+00	0.00E+00
National	All Rural Counties	N/A	R	Trichloroethylene	8.11E-02	8.13E-02	8.19E-02	8.40E-02	9.96E-02	9.29E-02	1.17E-01	1.51E-01	6.09E-03	1.25E-02	0.00E+00	0.00E+00	8.10E-02
National	All Rural Counties	N/A	R	Vinyl Chloride	3.96E-06	1.33E-05	5.03E-05	1.45E-04	5.19E-04	3.78E-04	9.56E-04	1.57E-03	1.99E-04	3.20E-04	0.00E+00	0.00E+00	0.00E+00