

US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for Michigan

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 Michigan

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
Michigan	Statewide	N/A	N/A	Acetaldehyde	7.51E-02	1.10E-01	2.50E-01	5.34E-01	6.52E-01	1.07E+00	1.23E+00	1.31E+00	2.86E-04	3.74E-02	4.17E-01	1.97E-01	0.00E+00
Michigan	Statewide	N/A	N/A	Acrolein	2.02E-02	2.56E-02	4.18E-02	7.89E-02	9.33E-02	1.43E-01	1.65E-01	1.78E-01	7.30E-04	1.17E-02	4.51E-02	3.58E-02	0.00E+00
Michigan	Statewide	N/A	N/A	Acrylonitrile	3.72E-04	5.36E-04	1.01E-03	3.17E-03	4.61E-03	5.71E-03	7.66E-03	9.73E-03	3.39E-03	1.22E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	Arsenic Compounds	3.30E-06	6.26E-06	2.17E-05	6.77E-05	5.98E-04	8.95E-04	1.51E-03	2.12E-03	5.55E-04	3.81E-05	5.39E-07	5.11E-06	0.00E+00
Michigan	Statewide	N/A	N/A	Benzene	6.22E-01	6.79E-01	9.00E-01	1.45E+00	1.49E+00	2.03E+00	2.33E+00	2.46E+00	2.96E-02	4.29E-02	6.27E-01	3.14E-01	4.80E-01
Michigan	Statewide	N/A	N/A	Beryllium Compounds	3.82E-07	8.62E-07	3.79E-06	1.26E-05	2.25E-05	2.04E-05	2.61E-05	3.16E-05	2.21E-06	2.02E-05	0.00E+00	4.39E-08	0.00E+00
Michigan	Statewide	N/A	N/A	1,3-Butadiene	8.62E-03	1.20E-02	2.71E-02	6.67E-02	7.05E-02	1.05E-01	1.38E-01	1.51E-01	2.85E-04	1.83E-03	4.62E-02	2.23E-02	0.00E+00
Michigan	Statewide	N/A	N/A	Cadmium Compounds	1.65E-06	3.62E-06	1.41E-05	4.79E-05	1.39E-04	1.56E-04	2.65E-04	3.97E-04	3.34E-05	1.05E-04	0.00E+00	6.13E-07	0.00E+00
Michigan	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	3.27E-05	4.30E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Statewide	N/A	N/A	Chloroform	8.31E-02	8.32E-02	8.36E-02	8.46E-02	8.59E-02	8.65E-02	8.81E-02	8.97E-02	3.21E-05	2.86E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Statewide	N/A	N/A	Chromium Compounds	2.34E-05	6.42E-05	5.08E-04	2.42E-03	3.01E-03	3.99E-03	6.59E-03	9.21E-03	3.82E-04	2.50E-03	3.40E-05	9.39E-05	0.00E+00
Michigan	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	4.49E-03	7.86E-03	1.05E-02	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	1,3-Dichloropropene	3.18E-03	6.59E-03	2.14E-02	6.57E-02	7.33E-02	1.11E-01	1.56E-01	1.80E-01	0.00E+00	7.33E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	Diesel Particulate Matter	2.47E-01	4.19E-01	1.11E+00	1.64E+00	1.60E+00	2.09E+00	2.40E+00	2.68E+00	0.00E+00	0.00E+00	5.83E-01	1.02E+00	***
Michigan	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	7.71E-03	1.68E-06	1.05E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.14E-02	6.16E-02	6.17E-02	6.20E-02	6.23E-02	4.31E-04	1.48E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Statewide	N/A	N/A	Ethylene Oxide	3.73E-05	9.34E-05	4.32E-04	2.11E-03	3.09E-03	4.74E-03	7.10E-03	9.21E-03	1.87E-04	2.91E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	Formaldehyde	3.71E-01	4.08E-01	5.54E-01	8.95E-01	1.06E+00	1.54E+00	1.74E+00	1.86E+00	1.15E-02	8.46E-02	3.81E-01	3.30E-01	2.50E-01
Michigan	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.02E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Statewide	N/A	N/A	Hydrazine	1.12E-11	4.71E-10	9.61E-09	4.77E-08	2.03E-07	1.30E-07	3.34E-07	5.90E-07	6.15E-08	1.41E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	Lead Compounds	3.68E-05	1.01E-04	4.66E-04	1.86E-03	3.00E-03	3.69E-03	6.30E-03	9.25E-03	3.90E-04	8.58E-04	4.75E-05	1.70E-03	0.00E+00
Michigan	Statewide	N/A	N/A	Manganese Compounds	2.24E-05	5.83E-05	3.85E-04	1.75E-03	2.56E-03	2.73E-03	4.10E-03	5.96E-03	1.44E-03	1.01E-03	1.39E-05	9.56E-05	0.00E+00
Michigan	Statewide	N/A	N/A	Mercury Compounds	1.51E-03	1.52E-03	1.57E-03	1.70E-03	1.94E-03	2.04E-03	2.29E-03	2.61E-03	6.73E-05	3.50E-04	4.57E-07	1.95E-05	1.50E-03
Michigan	Statewide	N/A	N/A	Methylene Chloride	1.58E-01	1.67E-01	2.24E-01	3.88E-01	4.10E-01	5.15E-01	6.61E-01	8.06E-01	3.25E-02	2.28E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Statewide	N/A	N/A	Nickel Compounds	3.31E-05	8.69E-05	3.94E-04	2.00E-03	3.07E-03	4.58E-03	7.03E-03	9.32E-03	6.00E-04	2.23E-03	2.65E-05	2.13E-04	0.00E+00
Michigan	Statewide	N/A	N/A	Perchloroethylene	1.44E-01	1.47E-01	1.67E-01	2.35E-01	2.43E-01	3.02E-01	3.54E-01	3.80E-01	6.31E-03	9.71E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Statewide	N/A	N/A	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	1.39E-12	0.00E+00	0.00E+00	3.80E-04
Michigan	Statewide	N/A	N/A	Polycyclic Organic Matter	1.08E-02	1.48E-02	3.45E-02	9.00E-02	1.12E-01	1.69E-01	2.44E-01	2.80E-01	1.83E-02	9.38E-02	2.42E-04	1.65E-04	0.00E+00
Michigan	Statewide	N/A	N/A	7-PAH	3.87E-04	4.99E-04	8.81E-04	1.79E-03	2.07E-03	2.95E-03	3.95E-03	4.41E-03	8.61E-07	1.89E-03	1.08E-04	7.30E-05	0.00E+00
Michigan	Statewide	N/A	N/A	Propylene Dichloride	2.24E-05	3.13E-05	6.04E-05	1.61E-04	2.56E-04	3.22E-04	4.35E-04	5.35E-04	1.82E-04	7.36E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	Quinoline	2.83E-10	6.36E-09	7.89E-08	6.66E-07	5.89E-04	7.33E-04	1.62E-03	2.54E-03	5.88E-04	5.50E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	2.01E-04	2.78E-04	5.31E-04	1.37E-03	2.26E-03	2.86E-03	3.85E-03	4.78E-03	1.67E-03	5.95E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Statewide	N/A	N/A	Trichloroethylene	8.23E-02	8.40E-02	9.59E-02	1.27E-01	1.41E-01	1.54E-01	1.92E-01	2.26E-01	2.55E-02	3.42E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Statewide	N/A	N/A	Vinyl Chloride	5.14E-04	7.59E-04	1.41E-03	4.00E-03	6.20E-03	7.95E-03	1.08E-02	1.33E-02	4.11E-03	2.09E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	Acetaldehyde	2.01E-01	2.70E-01	4.18E-01	8.31E-01	8.02E-01	1.13E+00	1.27E+00	1.33E+00	1.93E-04	4.34E-02	5.20E-01	2.39E-01	0.00E+00
Michigan	All Urban Counties	N/A	U	Acrolein	3.17E-02	4.03E-02	5.91E-02	1.14E-01	1.11E-01	1.51E-01	1.71E-01	1.82E-01	9.05E-04	1.06E-02	5.60E-02	4.34E-02	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	All Urban Counties	N/A	U	Acrylonitrile	8.61E-04	1.06E-03	2.03E-03	4.33E-03	5.67E-03	6.24E-03	8.24E-03	1.05E-02	4.38E-03	1.30E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	Arsenic Compounds	1.10E-05	1.88E-05	4.34E-05	1.11E-04	7.69E-04	1.04E-03	1.69E-03	2.40E-03	7.17E-04	4.49E-05	6.45E-07	6.30E-06	0.00E+00
Michigan	All Urban Counties	N/A	U	Benzene	7.62E-01	8.67E-01	1.21E+00	1.78E+00	1.69E+00	2.13E+00	2.38E+00	2.51E+00	3.75E-02	4.24E-02	7.78E-01	3.55E-01	4.80E-01
Michigan	All Urban Counties	N/A	U	Beryllium Compounds	2.42E-06	3.88E-06	8.89E-06	1.59E-05	1.64E-05	2.17E-05	2.69E-05	3.12E-05	2.86E-06	1.35E-05	0.00E+00	5.39E-08	0.00E+00
Michigan	All Urban Counties	N/A	U	1,3-Butadiene	1.46E-02	2.21E-02	5.01E-02	8.30E-02	8.42E-02	1.15E-01	1.43E-01	1.55E-01	3.67E-04	6.99E-04	5.72E-02	2.59E-02	0.00E+00
Michigan	All Urban Counties	N/A	U	Cadmium Compounds	1.09E-05	1.60E-05	2.83E-05	1.06E-04	1.67E-04	1.78E-04	2.92E-04	4.18E-04	4.33E-05	1.23E-04	0.00E+00	7.52E-07	0.00E+00
Michigan	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	4.12E-05	5.44E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	All Urban Counties	N/A	U	Chloroform	8.35E-02	8.37E-02	8.42E-02	8.57E-02	8.66E-02	8.69E-02	8.86E-02	9.04E-02	4.17E-05	3.59E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	All Urban Counties	N/A	U	Chromium Compounds	3.12E-04	4.97E-04	1.23E-03	2.85E-03	3.62E-03	4.36E-03	7.13E-03	9.73E-03	4.72E-04	2.99E-03	4.08E-05	1.17E-04	0.00E+00
Michigan	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	2.61E-03	3.40E-03	5.45E-03	8.94E-03	1.13E-02	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	1,3-Dichloropropene	1.33E-02	2.08E-02	4.75E-02	8.56E-02	9.01E-02	1.25E-01	1.67E-01	1.86E-01	0.00E+00	9.01E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	Diesel Particulate Matter	9.66E-01	1.10E+00	1.43E+00	1.89E+00	1.88E+00	2.16E+00	2.49E+00	2.82E+00	0.00E+00	0.00E+00	6.80E-01	1.20E+00	***
Michigan	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	7.71E-03	7.71E-03	2.19E-06	1.19E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	All Urban Counties	N/A	U	Ethylene Dichloride	6.11E-02	6.12E-02	6.13E-02	6.15E-02	6.17E-02	6.18E-02	6.21E-02	6.24E-02	5.51E-04	1.55E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	All Urban Counties	N/A	U	Ethylene Oxide	2.46E-04	4.63E-04	1.34E-03	3.14E-03	3.90E-03	5.46E-03	7.89E-03	1.02E-02	2.45E-04	3.66E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	Formaldehyde	4.77E-01	5.66E-01	7.58E-01	1.24E+00	1.23E+00	1.61E+00	1.79E+00	1.93E+00	1.37E-02	8.98E-02	4.73E-01	4.07E-01	2.50E-01
Michigan	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.55E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	All Urban Counties	N/A	U	Hydrazine	4.95E-09	1.03E-08	2.99E-08	8.66E-08	1.79E-07	1.61E-07	3.73E-07	6.07E-07	3.57E-10	1.79E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	Lead Compounds	3.22E-04	4.84E-04	1.13E-03	2.54E-03	3.73E-03	4.18E-03	7.23E-03	1.04E-02	5.00E-04	1.01E-03	5.69E-05	2.16E-03	0.00E+00
Michigan	All Urban Counties	N/A	U	Manganese Compounds	1.67E-04	3.46E-04	1.09E-03	2.14E-03	2.98E-03	2.99E-03	4.41E-03	6.63E-03	1.75E-03	1.10E-03	1.67E-05	1.20E-04	0.00E+00
Michigan	All Urban Counties	N/A	U	Mercury Compounds	1.56E-03	1.58E-03	1.64E-03	1.92E-03	2.05E-03	2.10E-03	2.39E-03	2.79E-03	8.62E-05	4.38E-04	5.47E-07	2.44E-05	1.50E-03
Michigan	All Urban Counties	N/A	U	Methylene Chloride	1.95E-01	2.17E-01	3.12E-01	4.36E-01	4.63E-01	5.45E-01	7.00E-01	8.45E-01	3.39E-02	2.79E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	All Urban Counties	N/A	U	Nickel Compounds	2.26E-04	3.71E-04	9.45E-04	3.19E-03	3.79E-03	5.23E-03	7.73E-03	1.01E-02	7.68E-04	2.72E-03	3.18E-05	2.63E-04	0.00E+00
Michigan	All Urban Counties	N/A	U	Perchloroethylene	1.56E-01	1.67E-01	2.07E-01	2.64E-01	2.68E-01	3.18E-01	3.64E-01	3.86E-01	8.09E-03	1.19E-01	0.00E+00	0.00E+00	1.40E-01
Michigan	All Urban Counties	N/A	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	5.08E-13	0.00E+00	0.00E+00	3.80E-04
Michigan	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.88E-02	2.94E-02	6.14E-02	1.21E-01	1.34E-01	1.94E-01	2.55E-01	2.91E-01	2.37E-02	1.10E-01	2.90E-04	1.85E-04	0.00E+00
Michigan	All Urban Counties	N/A	U	7-PAH	5.16E-04	7.23E-04	1.27E-03	2.21E-03	2.34E-03	3.17E-03	4.06E-03	4.46E-03	1.12E-06	2.13E-03	1.29E-04	7.96E-05	0.00E+00
Michigan	All Urban Counties	N/A	U	Propylene Dichloride	5.27E-05	6.50E-05	1.17E-04	2.45E-04	3.15E-04	3.56E-04	4.69E-04	6.09E-04	2.37E-04	7.82E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	Quinoline	5.58E-08	8.96E-08	2.50E-07	3.55E-04	7.68E-04	9.43E-04	1.94E-03	2.89E-03	7.68E-04	6.96E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	4.55E-04	5.57E-04	1.02E-03	2.16E-03	2.78E-03	3.17E-03	4.15E-03	5.38E-03	2.17E-03	6.14E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	All Urban Counties	N/A	U	Trichloroethylene	8.91E-02	9.50E-02	1.12E-01	1.37E-01	1.53E-01	1.63E-01	2.02E-01	2.39E-01	3.05E-02	4.18E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	All Urban Counties	N/A	U	Vinyl Chloride	1.27E-03	1.57E-03	2.81E-03	6.08E-03	7.66E-03	8.61E-03	1.17E-02	1.50E-02	5.34E-03	2.32E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	All Rural Counties	N/A	R	Acetaldehyde	4.97E-02	5.82E-02	8.19E-02	1.26E-01	1.60E-01	2.16E-01	3.24E-01	3.67E-01	5.90E-04	1.76E-02	8.30E-02	5.92E-02	0.00E+00
Michigan	All Rural Counties	N/A	R	Acrolein	1.40E-02	1.67E-02	2.25E-02	3.31E-02	3.56E-02	4.52E-02	5.81E-02	6.73E-02	1.58E-04	1.52E-02	9.41E-03	1.08E-02	0.00E+00
Michigan	All Rural Counties	N/A	R	Acrylonitrile	2.00E-04	2.83E-04	4.09E-04	6.46E-04	1.12E-03	9.50E-04	1.39E-03	2.03E-03	1.46E-04	9.69E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	All Rural Counties	N/A	R	Arsenic Compounds	1.74E-06	2.10E-06	3.74E-06	9.33E-06	4.14E-05	2.83E-05	6.21E-05	2.10E-04	2.42E-05	1.57E-05	1.91E-07	1.24E-06	0.00E+00
Michigan	All Rural Counties	N/A	R	Benzene	5.72E-01	5.87E-01	6.37E-01	7.41E-01	8.42E-01	9.70E-01	1.23E+00	1.40E+00	3.74E-03	4.44E-02	1.33E-01	1.81E-01	4.80E-01
Michigan	All Rural Counties	N/A	R	Beryllium Compounds	1.66E-07	2.28E-07	4.35E-07	1.12E-06	4.25E-05	3.71E-06	9.07E-06	6.74E-05	9.21E-08	4.24E-05	0.00E+00	1.12E-08	0.00E+00
Michigan	All Rural Counties	N/A	R	1,3-Butadiene	6.29E-03	7.13E-03	1.03E-02	1.88E-02	2.58E-02	3.38E-02	5.39E-02	6.99E-02	1.52E-05	5.51E-03	9.96E-03	1.03E-02	0.00E+00
Michigan	All Rural Counties	N/A	R	Cadmium Compounds	8.24E-07	1.05E-06	1.82E-06	4.88E-06	4.99E-05	1.18E-05	2.60E-05	8.42E-05	1.09E-06	4.86E-05	0.00E+00	1.56E-07	0.00E+00
Michigan	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	5.03E-06	5.45E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	All Rural Counties	N/A	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.35E-02	8.35E-02	8.38E-02	8.40E-02	7.46E-07	4.68E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	All Rural Counties	N/A	R	Chromium Compounds	9.12E-06	1.25E-05	2.72E-05	9.89E-05	1.02E-03	6.86E-04	2.89E-03	5.58E-03	8.54E-05	9.10E-04	1.20E-05	1.73E-05	0.00E+00
Michigan	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	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/m ³) for Michigan																	
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
Michigan	All Rural Counties	N/A	R	Lead Compounds	1.64E-05	2.18E-05	4.64E-05	1.49E-04	6.06E-04	4.58E-04	1.17E-03	1.82E-03	3.15E-05	3.76E-04	1.68E-05	1.82E-04	0.00E+00
Michigan	All Rural Counties	N/A	R	Manganese Compounds	9.16E-06	1.22E-05	2.69E-05	9.09E-05	1.19E-03	6.30E-04	2.68E-03	3.52E-03	4.28E-04	7.38E-04	4.91E-06	1.70E-05	0.00E+00
Michigan	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.57E-03	1.55E-03	1.60E-03	1.63E-03	5.57E-06	6.22E-05	1.65E-07	3.19E-06	1.50E-03
Michigan	All Rural Counties	N/A	R	Methylene Chloride	1.54E-01	1.55E-01	1.59E-01	1.73E-01	2.37E-01	2.49E-01	4.32E-01	5.06E-01	2.78E-02	5.93E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	All Rural Counties	N/A	R	Nickel Compounds	1.39E-05	2.01E-05	3.89E-05	1.42E-04	7.42E-04	5.22E-04	1.69E-03	4.32E-03	5.11E-05	6.31E-04	9.30E-06	5.07E-05	0.00E+00
Michigan	All Rural Counties	N/A	R	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.50E-01	1.64E-01	1.69E-01	2.12E-01	2.37E-01	4.77E-04	2.40E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	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	4.27E-12	0.00E+00	0.00E+00	3.80E-04
Michigan	All Rural Counties	N/A	R	Polycyclic Organic Matter	5.65E-03	8.61E-03	1.26E-02	2.17E-02	4.17E-02	4.78E-02	9.78E-02	1.41E-01	5.76E-04	4.09E-02	8.52E-05	1.03E-04	0.00E+00
Michigan	All Rural Counties	N/A	R	7-PAH	2.58E-04	3.41E-04	4.74E-04	7.48E-04	1.19E-03	1.25E-03	2.60E-03	3.81E-03	1.78E-08	1.10E-03	3.78E-05	5.16E-05	0.00E+00
Michigan	All Rural Counties	N/A	R	Propylene Dichloride	1.24E-05	1.72E-05	2.46E-05	3.75E-05	6.31E-05	5.40E-05	7.83E-05	9.15E-05	4.24E-06	5.88E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	4.93E-10	1.17E-08	7.26E-08	6.18E-08	1.75E-07	2.97E-07	0.00E+00	7.26E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.11E-04	1.53E-04	2.21E-04	3.40E-04	5.72E-04	4.84E-04	7.03E-04	8.53E-04	3.88E-05	5.33E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	All Rural Counties	N/A	R	Trichloroethylene	8.17E-02	8.19E-02	8.25E-02	8.59E-02	9.94E-02	9.90E-02	1.25E-01	1.43E-01	9.05E-03	9.36E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	All Rural Counties	N/A	R	Vinyl Chloride	2.75E-04	3.88E-04	5.69E-04	8.56E-04	1.43E-03	1.23E-03	1.75E-03	2.10E-03	9.56E-05	1.33E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Alcona	26001	R	Acetaldehyde	1.02E-01	1.02E-01	1.03E-01	1.10E-01	1.13E-01	1.16E-01	1.38E-01	1.38E-01	3.99E-08	1.36E-02	2.15E-02	7.82E-02	0.00E+00
Michigan	Alcona	26001	R	Acrolein	2.67E-02	2.67E-02	2.85E-02	2.93E-02	3.00E-02	3.26E-02	3.39E-02	3.39E-02	2.03E-08	2.00E-02	2.51E-03	7.53E-03	0.00E+00
Michigan	Alcona	26001	R	Acrylonitrile	2.94E-04	2.94E-04	3.03E-04	3.48E-04	3.81E-04	4.45E-04	5.51E-04	5.51E-04	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Alcona	26001	R	Arsenic Compounds	1.62E-06	1.62E-06	1.83E-06	2.39E-06	2.39E-06	3.02E-06	3.08E-06	3.08E-06	2.86E-07	1.90E-06	5.05E-08	1.59E-07	0.00E+00
Michigan	Alcona	26001	R	Benzene	6.62E-01	6.62E-01	6.78E-01	6.85E-01	6.95E-01	7.03E-01	7.58E-01	7.58E-01	2.81E-07	3.69E-02	2.69E-02	1.52E-01	4.80E-01
Michigan	Alcona	26001	R	Beryllium Compounds	1.27E-07	1.27E-07	1.44E-07	2.25E-07	2.48E-07	3.63E-07	4.03E-07	4.03E-07	1.54E-08	2.31E-07	0.00E+00	1.18E-09	0.00E+00
Michigan	Alcona	26001	R	1,3-Butadiene	1.09E-02	1.09E-02	1.19E-02	1.33E-02	1.43E-02	1.67E-02	1.96E-02	1.96E-02	0.00E+00	5.54E-03	1.47E-03	7.28E-03	0.00E+00
Michigan	Alcona	26001	R	Cadmium Compounds	5.79E-07	5.79E-07	7.03E-07	9.30E-07	9.01E-07	1.12E-06	1.15E-06	1.15E-06	1.43E-07	7.42E-07	0.00E+00	1.64E-08	0.00E+00
Michigan	Alcona	26001	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.05E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Alcona	26001	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	5.66E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Alcona	26001	R	Chromium Compounds	7.70E-06	7.70E-06	8.20E-06	1.03E-05	1.03E-05	1.25E-05	1.29E-05	1.29E-05	6.70E-07	3.43E-06	3.22E-06	2.99E-06	0.00E+00
Michigan	Alcona	26001	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
Michigan	Alcona	26001	R	1,3-Dichloropropene	1.05E-03	1.05E-03	1.59E-03	1.95E-03	2.40E-03	3.47E-03	4.40E-03	4.40E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Alcona	26001	R	Diesel Particulate Matter	2.25E-01	2.25E-01	2.34E-01	2.48E-01	2.50E-01	2.68E-01	2.78E-01	2.78E-01	0.00E+00	0.00E+00	9.75E-02	1.52E-01	***
Michigan	Alcona	26001	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.12E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Alcona	26001	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	3.38E-09	4.60E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Alcona	26001	R	Ethylene Oxide	8.22E-06	8.22E-06	8.60E-06	1.08E-05	1.18E-05	1.29E-05	1.95E-05	1.95E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Alcona	26001	R	Formaldehyde	3.91E-01	3.91E-01	3.99E-01	4.03E-01	4.08E-01	4.18E-01	4.31E-01	4.31E-01	7.33E-04	7.90E-02	1.87E-02	5.91E-02	2.50E-01
Michigan	Alcona	26001	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.37E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Alcona	26001	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-13	0.00E+00	8.27E-13	8.27E-13	0.00E+00	1.38E-13	0.00E+00	0.00E+00	0.00E+00
Michigan	Alcona	26001	R	Lead Compounds	9.92E-06	9.92E-06	1.42E-05	2.62E-05	2.49E-05	3.06E-05	4.23E-05	4.23E-05	1.89E-06	9.03E-06	4.45E-06	9.55E-06	0.00E+00
Michigan	Alcona	26001	R	Manganese Compounds	5.23E-06	5.23E-06	1.04E-05	7.04E-05	6.20E-05	7.13E-05	1.44E-04	1.44E-04	3.84E-05	1.93E-05	1.28E-06	3.04E-06	0.00E+00
Michigan	Alcona	26001	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.								

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Alger	26003	R	Benzene	7.68E-01	7.68E-01	7.68E-01	7.78E-01	7.80E-01	7.94E-01	7.94E-01	7.94E-01	7.58E-05	2.74E-02	9.15E-03	2.63E-01	4.80E-01
Michigan	Alger	26003	R	Beryllium Compounds	8.37E-08	8.37E-08	8.37E-08	2.04E-07	6.34E-07	1.62E-06	1.62E-06	1.62E-06	5.13E-07	1.21E-07	0.00E+00	5.65E-10	0.00E+00
Michigan	Alger	26003	R	1,3-Butadiene	1.88E-02	1.88E-02	1.88E-02	1.93E-02	1.92E-02	1.96E-02	1.96E-02	1.96E-02	0.00E+00	4.31E-03	4.88E-04	1.44E-02	0.00E+00
Michigan	Alger	26003	R	Cadmium Compounds	7.64E-07	7.64E-07	7.64E-07	1.30E-06	2.17E-06	4.44E-06	4.44E-06	4.44E-06	1.37E-06	7.89E-07	0.00E+00	7.83E-09	0.00E+00
Michigan	Alger	26003	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.61E-06	0.00E+00	0.00E+00	8.80E-01
Michigan	Alger	26003	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.88E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Alger	26003	R	Chromium Compounds	6.13E-06	6.13E-06	6.13E-06	8.26E-06	1.31E-05	2.48E-05	2.48E-05	2.48E-05	6.45E-06	3.47E-06	1.52E-06	1.62E-06	0.00E+00
Michigan	Alger	26003	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
Michigan	Alger	26003	R	1,3-Dichloropropene	8.23E-04	8.23E-04	8.23E-04	1.14E-03	1.11E-03	1.38E-03	1.38E-03	1.38E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Alger	26003	R	Diesel Particulate Matter	1.02E-01	1.02E-01	1.02E-01	1.08E-01	1.14E-01	1.31E-01	1.31E-01	1.31E-01	0.00E+00	0.00E+00	3.33E-02	8.04E-02	***
Michigan	Alger	26003	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-08	0.00E+00	0.00E+00	7.70E-03
Michigan	Alger	26003	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-02	1.44E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Alger	26003	R	Ethylene Oxide	5.12E-06	5.12E-06	5.12E-06	1.67E-05	1.69E-05	2.88E-05	2.88E-05	2.88E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Alger	26003	R	Formaldehyde	3.94E-01	3.94E-01	3.94E-01	3.96E-01	3.99E-01	4.06E-01	4.06E-01	4.06E-01	5.00E-05	6.00E-02	6.58E-03	8.22E-02	2.50E-01
Michigan	Alger	26003	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.60E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Alger	26003	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	4.16E-11	4.20E-11	8.42E-11	8.42E-11	8.42E-11	0.00E+00	4.20E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Alger	26003	R	Lead Compounds	1.47E-05	1.47E-05	1.47E-05	4.02E-05	3.37E-05	4.64E-05	4.64E-05	4.64E-05	1.91E-05	1.25E-05	2.08E-06	4.59E-08	0.00E+00
Michigan	Alger	26003	R	Manganese Compounds	4.72E-05	4.72E-05	4.72E-05	2.29E-04	1.83E-04	2.72E-04	2.72E-04	2.72E-04	1.26E-05	1.68E-04	5.97E-07	1.64E-06	0.00E+00
Michigan	Alger	26003	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	3.74E-06	3.56E-06	2.06E-08	3.60E-07	1.50E-03
Michigan	Alger	26003	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.54E-01	1.54E-01	1.54E-01	7.23E-06	2.46E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Alger	26003	R	Nickel Compounds	7.36E-06	7.36E-06	7.36E-06	1.07E-05	1.74E-05	3.43E-05	3.43E-05	3.43E-05	6.79E-06	6.47E-06	1.18E-06	3.01E-06	0.00E+00
Michigan	Alger	26003	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.07E-06	1.41E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Alger	26003	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
Michigan	Alger	26003	R	Polycyclic Organic Matter	4.94E-03	4.94E-03	4.94E-03	7.18E-03	6.56E-03	7.57E-03	7.57E-03	7.57E-03	4.84E-07	6.43E-03	1.10E-05	1.26E-04	0.00E+00
Michigan	Alger	26003	R	7-PAH	4.63E-04	4.63E-04	4.63E-04	5.27E-04	5.19E-04	5.66E-04	5.66E-04	5.66E-04	9.81E-09	4.49E-04	4.90E-06	6.52E-05	0.00E+00
Michigan	Alger	26003	R	Propylene Dichloride	4.59E-06	4.59E-06	4.59E-06	4.72E-06	7.08E-06	1.19E-05	1.19E-05	1.19E-05	0.00E+00	7.08E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Alger	26003	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.25E-09	1.27E-09	2.56E-09	2.56E-09	2.56E-09	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Alger	26003	R	1,1,2,2-Tetrachloroethane	4.18E-05	4.18E-05	4.18E-05	4.27E-05	6.43E-05	1.08E-04	1.08E-04	1.08E-04	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Alger	26003	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.14E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	4.08E-04	0.00E+00	0.00E+00	8.10E-02
Michigan	Alger	26003	R	Vinyl Chloride	1.03E-04	1.03E-04	1.03E-04	1.12E-04	1.62E-04	2.70E-04	2.70E-04	2.70E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Allegan	26005	U	Acetaldehyde	1.62E-01	1.79E-01	2.00E-01	2.30E-01	2.37E-01	2.69E-01	3.03E-01	3.33E-01	1.50E-03	1.65E-02	1.37E-01	8.15E-02	0.00E+00
Michigan	Allegan	26005	U	Acrolein	2.34E-02	2.66E-02	2.90E-02	3.30E-02	3.34E-02	3.55E-02	4.23E-02	4.90E-02	1.15E-06	7.05E-03	1.41E-02	1.22E-02	0.00E+00
Michigan	Allegan	26005	U	Acrylonitrile	6.13E-04	6.75E-04	7.83E-04	9.98E-04	9.72E-04	1.10E-03	1.29E-03	1.40E-03	9.24E-05	8.79E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Allegan	26005	U	Arsenic Compounds	3.96E-06	5.17E-06	6.74E-06	9.49E-06	1.12E-05	1.55E-05	2.13E-05	2.45E-05	1.87E-06	9.26E-06	8.36E-08	6.64E-09	0.00E+00
Michigan	Allegan	26005	U	Benzene	7.12E-01	7.39E-01	7.62E-01	8.04E-01	8.50E-01	9.23E-01	1.01E+00	1.13E+00	1.27E-02	2.22E-02	1.65E-01	1.70E-01	4.80E-01
Michigan	Allegan	26005	U	Beryllium Compounds	9.66E-07	1.08E-06	1.35E-06	1.68E-06	2.39E-06	3.40E-06	4.57E-06	5.82E-06	9.70E-08	2.30E-06	0.00E+00	2.60E-11	0.00E+00
Michigan	Allegan	26005	U	1,3-Butadiene													

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Allegan	26005	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.55E-03	1.57E-03	1.59E-03	1.59E-03	1.49E-06	4.45E-05	7.41E-08	3.89E-06	1.50E-03
Michigan	Allegan	26005	U	Methylene Chloride	1.68E-01	1.69E-01	1.76E-01	1.85E-01	2.23E-01	2.76E-01	3.40E-01	3.48E-01	2.92E-02	4.39E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Allegan	26005	U	Nickel Compounds	1.12E-04	1.17E-04	1.32E-04	1.64E-04	2.86E-04	4.36E-04	6.80E-04	7.24E-04	1.28E-06	2.74E-04	4.22E-06	6.82E-06	0.00E+00
Michigan	Allegan	26005	U	Perchloroethylene	1.48E-01	1.48E-01	1.51E-01	1.55E-01	1.58E-01	1.65E-01	1.73E-01	1.80E-01	1.65E-04	1.82E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Allegan	26005	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
Michigan	Allegan	26005	U	Polycyclic Organic Matter	1.04E-02	1.14E-02	1.40E-02	1.64E-02	2.16E-02	2.95E-02	3.64E-02	4.55E-02	2.39E-05	2.14E-02	4.01E-05	8.35E-05	0.00E+00
Michigan	Allegan	26005	U	7-PAH	3.34E-04	3.80E-04	4.00E-04	4.30E-04	5.30E-04	6.56E-04	8.30E-04	9.39E-04	1.76E-08	4.70E-04	1.78E-05	4.20E-05	0.00E+00
Michigan	Allegan	26005	U	Propylene Dichloride	3.69E-05	4.06E-05	4.74E-05	6.04E-05	5.88E-05	6.69E-05	7.80E-05	8.47E-05	5.59E-06	5.32E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Allegan	26005	U	Quinoline	1.88E-08	2.79E-08	4.72E-08	9.43E-08	8.97E-08	1.13E-07	1.46E-07	1.77E-07	0.00E+00	8.97E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Allegan	26005	U	1,1,2,2-Tetrachloroethane	3.32E-04	3.65E-04	4.21E-04	5.40E-04	5.25E-04	5.96E-04	6.98E-04	7.59E-04	5.12E-05	4.74E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Allegan	26005	U	Trichloroethylene	8.35E-02	8.47E-02	8.68E-02	8.89E-02	8.92E-02	9.05E-02	9.28E-02	9.77E-02	2.78E-03	5.45E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Allegan	26005	U	Vinyl Chloride	8.19E-04	9.07E-04	1.05E-03	1.36E-03	1.32E-03	1.53E-03	1.76E-03	1.91E-03	1.26E-04	1.19E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Alpena	26007	R	Acetaldehyde	1.41E-01	1.50E-01	1.66E-01	1.83E-01	1.97E-01	2.19E-01	2.67E-01	2.72E-01	1.75E-06	2.50E-02	4.88E-02	1.23E-01	0.00E+00
Michigan	Alpena	26007	R	Acrolein	2.80E-02	3.11E-02	3.43E-02	4.10E-02	4.69E-02	5.35E-02	7.40E-02	7.72E-02	8.87E-07	2.83E-02	6.15E-03	1.24E-02	0.00E+00
Michigan	Alpena	26007	R	Acrylonitrile	2.18E-04	2.53E-04	3.18E-04	4.02E-04	3.94E-04	4.48E-04	5.27E-04	5.37E-04	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Alpena	26007	R	Arsenic Compounds	7.50E-06	8.35E-06	1.78E-05	3.16E-05	3.95E-05	6.36E-05	8.47E-05	1.04E-04	8.58E-06	2.05E-05	2.60E-07	1.02E-05	0.00E+00
Michigan	Alpena	26007	R	Benzene	6.96E-01	7.07E-01	7.51E-01	8.24E-01	8.90E-01	9.97E-01	1.18E+00	1.30E+00	4.88E-06	8.07E-02	1.01E-01	2.29E-01	4.80E-01
Michigan	Alpena	26007	R	Beryllium Compounds	3.91E-07	4.15E-07	7.28E-07	1.76E-06	2.95E-06	4.01E-06	8.56E-06	1.24E-05	1.13E-07	2.75E-06	0.00E+00	8.91E-08	0.00E+00
Michigan	Alpena	26007	R	1,3-Butadiene	1.11E-02	1.26E-02	1.74E-02	2.47E-02	3.10E-02	4.10E-02	6.09E-02	6.55E-02	0.00E+00	9.56E-03	8.76E-03	1.27E-02	0.00E+00
Michigan	Alpena	26007	R	Cadmium Compounds	2.02E-06	2.22E-06	4.10E-06	7.53E-06	1.06E-05	1.63E-05	2.40E-05	3.14E-05	2.24E-06	7.12E-06	0.00E+00	1.24E-06	0.00E+00
Michigan	Alpena	26007	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	3.33E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Alpena	26007	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	0.00E+00	2.59E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Alpena	26007	R	Chromium Compounds	4.19E-05	4.44E-05	7.06E-05	1.24E-04	1.23E-04	1.49E-04	2.22E-04	2.57E-04	1.52E-05	3.10E-05	1.68E-05	5.97E-05	0.00E+00
Michigan	Alpena	26007	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
Michigan	Alpena	26007	R	1,3-Dichloropropene	3.38E-03	3.47E-03	4.55E-03	1.30E-02	2.09E-02	2.88E-02	5.86E-02	7.93E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Alpena	26007	R	Diesel Particulate Matter	2.18E-01	2.33E-01	2.51E-01	2.62E-01	3.40E-01	3.77E-01	5.73E-01	7.04E-01	0.00E+00	0.00E+00	1.25E-01	2.14E-01	***
Michigan	Alpena	26007	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	2.15E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Alpena	26007	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.26E-07	6.00E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Alpena	26007	R	Ethylene Oxide	4.87E-05	5.21E-05	7.74E-05	2.63E-04	6.81E-04	5.92E-04	2.47E-03	3.76E-03	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Alpena	26007	R	Formaldehyde	4.23E-01	4.37E-01	4.54E-01	5.10E-01	5.42E-01	5.77E-01	7.15E-01	7.16E-01	1.99E-02	1.18E-01	5.31E-02	1.01E-01	2.50E-01
Michigan	Alpena	26007	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.45E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Alpena	26007	R	Hydrazine	1.86E-12	2.67E-12	4.91E-12	7.30E-12	7.69E-12	8.58E-12	1.50E-11	2.00E-11	0.00E+00	7.69E-12	0.00E+00	0.00E+00	0.00E+00
Michigan	Alpena	26007	R	Lead Compounds	5.27E-05	1.04E-04	2.51E-04	6.29E-04	5.83E-04	7.05E-04	1.08E-03	1.28E-03	4.20E-05	1.37E-04	2.38E-05	3.80E-04	0.00E+00
Michigan	Alpena	26007	R	Manganese Compounds	1.78E-04	2.47E-04	6.30E-04	1.03E-03	1.67E-03	2.54E-03	4.47E-03	5.98E-03	1.13E-03	4.92E-04	6.97E-06	4.94E-05	0.00E+00
Michigan	Alpena	26007	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.56E-03	7.14E-06	1.44E-05	2.29E-07	2.57E-06	1.50E-03
Michigan	Alpena	26007	R	Methylene Chloride	1.56E-01	1.56E-01	1.58E-01	1.74E-01	1.98E-01	2.20E-01	2.97E-01	3.70E-01	5.78E-06	4.80E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Alpena	26007	R	Nickel Compounds	1.58E-04	1.69E-04	2.58E-04	5.16E-04	5.73E-04	6.57E-04	1.24E-03	1.46E-03	9.57E-06	1.81E-04	1.30E-05	3.69E-04	0.00E+00
Michigan	Alpena	26007	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.51E-01	1.60E-01	1.69E-01	1.97E-01	2.22E-01	1.34E-07	1.96E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Alpena	26007	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
Michigan	Alpena	26007	R	Polycyclic Organic Matter	1.78E-02	1.81E-02	2.27E-02	6.06E-02	9.07E-02	1.22E-01	2.44E-01	3.29E-01	6.65E-08	9.05E-02	1.18E-04	1.24E-04	0.00E+00
Michigan	Alpena																

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Antrim	26009	R	1,3-Butadiene	7.06E-03	7.06E-03	7.44E-03	9.36E-03	9.37E-03	1.09E-02	1.18E-02	1.18E-02	0.00E+00	3.13E-03	3.26E-03	2.98E-03	0.00E+00
Michigan	Antrim	26009	R	Cadmium Compounds	1.17E-06	1.17E-06	1.31E-06	1.65E-06	1.74E-06	2.01E-06	2.97E-06	2.97E-06	3.96E-08	1.69E-06	0.00E+00	1.20E-08	0.00E+00
Michigan	Antrim	26009	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.19E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Antrim	26009	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	1.42E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Antrim	26009	R	Chromium Compounds	2.03E-05	2.03E-05	2.28E-05	2.35E-05	2.56E-05	3.06E-05	3.16E-05	3.16E-05	1.93E-07	1.25E-05	7.42E-06	5.45E-06	0.00E+00
Michigan	Antrim	26009	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
Michigan	Antrim	26009	R	1,3-Dichloropropene	3.78E-03	3.78E-03	4.46E-03	4.80E-03	5.50E-03	6.37E-03	8.57E-03	8.57E-03	0.00E+00	5.50E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Antrim	26009	R	Diesel Particulate Matter	2.48E-01	2.48E-01	2.52E-01	2.74E-01	2.76E-01	2.93E-01	3.22E-01	3.22E-01	0.00E+00	0.00E+00	1.19E-01	1.57E-01	***
Michigan	Antrim	26009	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	2.79E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Antrim	26009	R	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	3.13E-08	6.06E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Antrim	26009	R	Ethylene Oxide	4.58E-05	4.58E-05	4.84E-05	8.34E-05	8.58E-05	1.03E-04	1.61E-04	1.61E-04	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Antrim	26009	R	Formaldehyde	3.84E-01	3.84E-01	3.92E-01	4.03E-01	4.04E-01	4.17E-01	4.28E-01	4.28E-01	7.91E-04	5.56E-02	4.17E-02	5.64E-02	2.50E-01
Michigan	Antrim	26009	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	2.52E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Antrim	26009	R	Hydrazine	0.00E+00	0.00E+00	9.52E-13	5.75E-12	1.13E-11	2.26E-11	3.85E-11	3.85E-11	0.00E+00	1.13E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Antrim	26009	R	Lead Compounds	2.03E-05	2.03E-05	7.73E-05	1.14E-04	1.17E-04	1.40E-04	2.47E-04	2.47E-04	3.20E-07	2.13E-05	1.02E-05	8.55E-05	0.00E+00
Michigan	Antrim	26009	R	Manganese Compounds	1.31E-05	1.31E-05	1.53E-05	1.74E-05	1.68E-05	1.87E-05	1.96E-05	1.96E-05	6.02E-07	7.38E-06	2.95E-06	5.86E-06	0.00E+00
Michigan	Antrim	26009	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	6.72E-08	6.98E-06	1.02E-07	1.40E-06	1.50E-03
Michigan	Antrim	26009	R	Methylene Chloride	1.59E-01	1.59E-01	1.59E-01	1.60E-01	1.62E-01	1.67E-01	1.68E-01	1.68E-01	2.07E-07	1.23E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Antrim	26009	R	Nickel Compounds	2.85E-05	2.85E-05	2.94E-05	4.43E-05	4.35E-05	5.13E-05	6.75E-05	6.75E-05	2.02E-07	3.15E-05	5.77E-06	5.99E-06	0.00E+00
Michigan	Antrim	26009	R	Perchloroethylene	1.45E-01	1.45E-01	1.45E-01	1.46E-01	1.47E-01	1.48E-01	1.50E-01	1.50E-01	3.07E-08	6.79E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Antrim	26009	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
Michigan	Antrim	26009	R	Polycyclic Organic Matter	1.73E-02	1.73E-02	1.85E-02	1.97E-02	2.26E-02	2.63E-02	3.22E-02	3.22E-02	2.04E-08	2.25E-02	5.37E-05	5.12E-05	0.00E+00
Michigan	Antrim	26009	R	7-PAH	5.79E-04	5.79E-04	6.29E-04	8.23E-04	7.70E-04	8.61E-04	9.53E-04	9.53E-04	3.52E-10	7.21E-04	2.38E-05	2.59E-05	0.00E+00
Michigan	Antrim	26009	R	Propylene Dichloride	1.95E-05	1.95E-05	2.64E-05	3.10E-05	3.04E-05	3.49E-05	3.92E-05	3.92E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Antrim	26009	R	Quinoline	0.00E+00	0.00E+00	3.35E-11	1.75E-10	2.76E-10	5.15E-10	8.89E-10	8.89E-10	0.00E+00	2.76E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Antrim	26009	R	1,1,2,2-Tetrachloroethane	1.76E-04	1.76E-04	2.40E-04	2.82E-04	2.77E-04	3.18E-04	3.57E-04	3.57E-04	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Antrim	26009	R	Trichloroethylene	8.78E-02	8.78E-02	8.80E-02	9.36E-02	9.55E-02	9.88E-02	1.14E-01	1.14E-01	0.00E+00	1.45E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Antrim	26009	R	Vinyl Chloride	4.34E-04	4.34E-04	5.91E-04	6.95E-04	6.82E-04	7.86E-04	8.80E-04	8.80E-04	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	Acetaldehyde	7.67E-02	7.67E-02	8.13E-02	8.42E-02	8.86E-02	9.20E-02	1.09E-01	1.09E-01	5.94E-06	6.87E-03	3.39E-02	4.79E-02	0.00E+00
Michigan	Arenac	26011	R	Acrolein	1.64E-02	1.64E-02	2.02E-02	2.31E-02	2.24E-02	2.50E-02	2.75E-02	2.75E-02	5.62E-04	7.98E-03	3.79E-03	1.01E-02	0.00E+00
Michigan	Arenac	26011	R	Acrylonitrile	5.37E-04	5.37E-04	7.32E-04	7.56E-04	1.01E-03	7.63E-04	2.27E-03	2.27E-03	2.83E-04	7.30E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	Arsenic Compounds	2.31E-06	2.31E-06	3.59E-06	1.06E-05	8.57E-06	1.19E-05	1.44E-05	1.44E-05	4.90E-06	3.60E-06	7.26E-08	6.24E-10	0.00E+00
Michigan	Arenac	26011	R	Benzene	7.70E-01	7.70E-01	7.79E-01	7.82E-01	7.87E-01	7.93E-01	8.10E-01	8.10E-01	1.21E-04	1.94E-02	4.43E-02	2.43E-01	4.80E-01
Michigan	Arenac	26011	R	Beryllium Compounds	2.23E-07	2.23E-07	2.98E-07	6.90E-07	6.76E-07	7.98E-07	1.37E-06	1.37E-06	2.88E-07	3.87E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	1,3-Butadiene	1.65E-02	1.65E-02	1.85E-02	1.98E-02	1.93E-02	1.99E-02	2.18E-02	2.18E-02	7.17E-05	2.20E-03	2.74E-03	1.43E-02	0.00E+00
Michigan	Arenac	26011	R	Cadmium Compounds	1.91E-06	1.91E-06	2.43E-06	2.63E-06	3.48E-06	3.96E-06	6.49E-06	6.49E-06	6.68E-07	2.82E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	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	2.01E-05	2.16E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Arenac	26011	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	1.26E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Arenac	26011	R	Chromium Compounds	1.18E-04	1.18E-04	1.27E-04	1.27E-04	2.07E-04	1.71E-04	4.92E-04	4.92E-04	4.74E-06	1.93E-04	4.49E-06	4.34E-06	0.00E+00
Michigan	Arenac	26011	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
Michigan	Arenac	26011	R	1,3-Dichloropropene	2.31E-03	2.31E-03	2.34E-03	2.79E-03	3.47E-03	3.72E-03	6.21E-03	6.21E-03	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	Diesel Particulate Matter	3.82E-01	3.82E-01	3.98E-01	4.18E-01	4.19E-01	4.23E-01	4.74E-01	4.74E-01	0.00E+00	0.00E+00	1.75E-01	2.44E-01	***
Michigan	Arenac	26011	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	4.16E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Arenac	26011	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.37E-06	8.82E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Arenac	26011	R	Ethylene Oxide	5.24E-05	5.24E-05	6.25E-05	8.44E-05	1.52E-04	1.02E-04	4.56E-04	4.56E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	Formaldehyde	3.35E-01	3.35E-01	3.54E-01	3.70E-01	3.67E-01	3.83E-01	3.94E-01	3.94E-01	1.54E-04	3.25E-02	2.98E-02	5.48E-02	2.50E-01
Michigan	Arenac	26011	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.71E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Arenac	26011	R	Hydrazine	3.24E-10	3.24E-10	4.71E-10	4.99E-10	1.38E-09	2.57E-09	3.05E-09	3.05E-09	0.00E+00	1.38E-09	0.00E+00	0.00E+	

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Arenac	26011	R	Nickel Compounds	2.87E-05	2.87E-05	3.16E-05	4.23E-05	4.38E-05	5.66E-05	5.97E-05	5.97E-05	4.93E-06	3.33E-05	3.50E-06	2.02E-06	0.00E+00
Michigan	Arenac	26011	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.47E-01	1.47E-01	5.37E-07	4.21E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Arenac	26011	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
Michigan	Arenac	26011	R	Polycyclic Organic Matter	1.02E-02	1.02E-02	1.05E-02	1.29E-02	1.54E-02	1.68E-02	2.63E-02	2.63E-02	2.79E-07	1.52E-02	3.22E-05	1.44E-04	0.00E+00
Michigan	Arenac	26011	R	7-PAH	3.48E-04	3.48E-04	4.23E-04	5.63E-04	5.60E-04	6.61E-04	8.06E-04	8.06E-04	5.36E-09	4.71E-04	1.43E-05	7.46E-05	0.00E+00
Michigan	Arenac	26011	R	Propylene Dichloride	3.24E-05	3.24E-05	4.42E-05	4.56E-05	4.41E-05	4.61E-05	5.22E-05	5.22E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	Quinoline	2.08E-09	2.08E-09	2.44E-09	4.63E-09	1.29E-08	8.75E-09	4.66E-08	4.66E-08	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	1,1,2,2-Tetrachloroethane	2.96E-04	2.96E-04	4.03E-04	4.16E-04	4.01E-04	4.19E-04	4.72E-04	4.72E-04	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Arenac	26011	R	Trichloroethylene	8.20E-02	8.20E-02	8.22E-02	8.24E-02	8.26E-02	8.27E-02	8.36E-02	8.36E-02	0.00E+00	1.59E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Arenac	26011	R	Vinyl Chloride	7.28E-04	7.28E-04	9.92E-04	1.03E-03	1.01E-03	1.03E-03	1.28E-03	1.28E-03	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	Acetaldehyde	4.89E-02	4.89E-02	4.89E-02	5.35E-02	5.35E-02	5.80E-02	5.80E-02	5.80E-02	0.00E+00	1.90E-02	1.37E-02	2.08E-02	0.00E+00
Michigan	Baraga	26013	R	Acrolein	2.92E-02	2.92E-02	2.92E-02	3.12E-02	3.12E-02	3.32E-02	3.32E-02	3.32E-02	0.00E+00	2.77E-02	1.67E-03	1.83E-03	0.00E+00
Michigan	Baraga	26013	R	Acrylonitrile	3.78E-04	3.78E-04	3.78E-04	4.32E-04	4.32E-04	4.86E-04	4.86E-04	4.86E-04	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	Arsenic Compounds	9.25E-07	9.25E-07	9.25E-07	1.02E-06	1.02E-06	1.11E-06	1.11E-06	1.11E-06	0.00E+00	9.73E-07	4.09E-08	1.88E-09	0.00E+00
Michigan	Baraga	26013	R	Benzene	5.77E-01	5.77E-01	5.77E-01	5.83E-01	5.83E-01	5.90E-01	5.90E-01	5.90E-01	0.00E+00	5.25E-02	1.93E-02	3.17E-02	4.80E-01
Michigan	Baraga	26013	R	Beryllium Compounds	1.27E-07	1.27E-07	1.27E-07	1.36E-07	1.36E-07	1.45E-07	1.45E-07	1.45E-07	0.00E+00	1.36E-07	0.00E+00	1.25E-11	0.00E+00
Michigan	Baraga	26013	R	1,3-Butadiene	1.24E-02	1.24E-02	1.24E-02	1.26E-02	1.26E-02	1.28E-02	1.28E-02	1.28E-02	0.00E+00	9.76E-03	1.23E-03	1.58E-03	0.00E+00
Michigan	Baraga	26013	R	Cadmium Compounds	6.56E-07	6.56E-07	6.56E-07	7.18E-07	7.18E-07	7.80E-07	7.80E-07	7.80E-07	0.00E+00	7.18E-07	0.00E+00	1.75E-10	0.00E+00
Michigan	Baraga	26013	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	9.49E-06	0.00E+00	0.00E+00	8.80E-01
Michigan	Baraga	26013	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	5.34E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Baraga	26013	R	Chromium Compounds	5.09E-06	5.09E-06	5.09E-06	5.58E-06	5.58E-06	6.07E-06	6.07E-06	6.07E-06	0.00E+00	1.60E-06	2.49E-06	1.49E-06	0.00E+00
Michigan	Baraga	26013	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
Michigan	Baraga	26013	R	1,3-Dichloropropene	1.30E-03	1.30E-03	1.30E-03	1.38E-03	1.38E-03	1.46E-03	1.46E-03	1.46E-03	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	Diesel Particulate Matter	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.16E-01	1.16E-01	1.16E-01	0.00E+00	0.00E+00	4.57E-02	6.97E-02	***
Michigan	Baraga	26013	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.41E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Baraga	26013	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	5.19E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Baraga	26013	R	Ethylene Oxide	2.62E-05	2.62E-05	2.62E-05	2.79E-05	2.79E-05	2.96E-05	2.96E-05	2.96E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	Formaldehyde	3.88E-01	3.88E-01	3.88E-01	3.96E-01	3.96E-01	4.04E-01	4.04E-01	4.04E-01	0.00E+00	1.16E-01	1.28E-02	1.73E-02	2.50E-01
Michigan	Baraga	26013	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.49E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Baraga	26013	R	Hydrazine	2.95E-11	2.95E-11	2.95E-11	3.93E-11	3.93E-11	4.92E-11	4.92E-11	4.92E-11	0.00E+00	3.93E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	Lead Compounds	2.48E-05	2.48E-05	2.48E-05	2.93E-05	2.93E-05	3.38E-05	3.38E-05	3.38E-05	0.00E+00	1.04E-05	3.44E-06	1.54E-05	0.00E+00
Michigan	Baraga	26013	R	Manganese Compounds	1.70E-05	1.70E-05	1.70E-05	2.19E-05	2.19E-05	2.68E-05	2.68E-05	2.68E-05	0.00E+00	1.92E-05	1.00E-06	1.70E-06	0.00E+00
Michigan	Baraga	26013	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	3.40E-08	4.13E-07	1.50E-03
Michigan	Baraga	26013	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	3.94E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Baraga	26013	R	Nickel Compounds	9.18E-06	9.18E-06	9.18E-06	9.75E-06	9.75E-06	1.03E-05	1.03E-05	1.03E-05	0.00E+00	7.01E-06	1.95E-06	7.98E-07	0.00E+00
Michigan	Baraga	26013	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Baraga	26013	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
Michigan	Baraga	26013	R	Polycyclic Organic Matter	8.18E-03	8.18E-03	8.18E-03	8.76E-03	8.76E-03	9.33E-03	9.33E-03	9.33E-03	0.00E+00	8.72E-03	1.80E-05	1.59E-05	0.00E+00
Michigan	Baraga	26013	R	7-PAH	7.65E-04	7.65E-04	7.65E-04	8.08E-04	8.08E-04	8.52E-04	8.52E-04	8.52E-04	0.00E+00	7.92E-04	7.98E-06	8.13E-06	0.00E+00
Michigan	Baraga	26013	R	Propylene Dichloride	2.28E-05	2.28E-05	2.28E-05	2.61E-05	2.61E-05	2.94E-05	2.94E-05	2.94E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	Quinoline	5.46E-10	5.46E-10	5.46E-10	7.53E-10	7.53E-10	9.59E-10	9.59E-10	9.59E-10	0.00E+00	7.53E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	1,1,2,2-Tetrachloroethane	2.08E-04	2.08E-04	2.08E-04	2.38E-04	2.38E-04	2.68E-04	2.68E-04	2.68E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Baraga	26013	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.17E-02	8.17E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	7.08E-04	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 Michigan																	
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
Michigan	Barry	26015	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	2.04E-07	4.98E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Barry	26015	R	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	1.19E-06	3.84E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Barry	26015	R	Chromium Compounds	1.48E-04	1.64E-04	1.82E-04	2.49E-04	2.60E-04	2.96E-04	3.92E-04	4.20E-04	4.57E-06	2.32E-04	1.13E-05	1.21E-05	0.00E+00
Michigan	Barry	26015	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
Michigan	Barry	26015	R	1,3-Dichloropropene	8.25E-03	8.34E-03	9.61E-03	1.08E-02	1.18E-02	1.27E-02	1.78E-02	1.80E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Barry	26015	R	Diesel Particulate Matter	9.45E-01	9.48E-01	9.80E-01	1.02E+00	1.02E+00	1.06E+00	1.07E+00	1.09E+00	0.00E+00	0.00E+00	3.96E-01	6.20E-01	***
Michigan	Barry	26015	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	6.22E-08	5.95E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Barry	26015	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.13E-02	6.16E-02	6.17E-02	6.18E-02	1.78E-04	1.18E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Barry	26015	R	Ethylene Oxide	1.21E-04	1.30E-04	1.50E-04	1.68E-04	1.86E-04	2.16E-04	2.76E-04	2.77E-04	6.19E-09	1.86E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Barry	26015	R	Formaldehyde	4.03E-01	4.17E-01	4.40E-01	4.76E-01	4.71E-01	4.96E-01	5.14E-01	5.28E-01	1.61E-02	3.11E-02	9.68E-02	7.70E-02	2.50E-01
Michigan	Barry	26015	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.04E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Barry	26015	R	Hydrazine	1.43E-09	1.94E-09	2.93E-09	6.40E-09	9.58E-09	1.23E-08	2.46E-08	2.50E-08	1.68E-10	9.41E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Barry	26015	R	Lead Compounds	1.61E-04	1.90E-04	2.55E-04	3.79E-04	3.65E-04	4.16E-04	5.49E-04	5.84E-04	1.47E-05	1.55E-04	1.57E-05	1.80E-04	0.00E+00
Michigan	Barry	26015	R	Manganese Compounds	8.99E-05	9.18E-05	1.33E-04	1.52E-04	3.10E-04	1.89E-04	9.94E-04	1.13E-03	1.88E-04	1.05E-04	4.59E-06	1.34E-05	0.00E+00
Michigan	Barry	26015	R	Mercury Compounds	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.56E-03	1.56E-03	8.42E-07	3.72E-05	1.54E-07	3.50E-06	1.50E-03
Michigan	Barry	26015	R	Methylene Chloride	1.75E-01	1.76E-01	1.80E-01	1.93E-01	2.21E-01	2.95E-01	3.08E-01	3.17E-01	4.08E-02	3.06E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Barry	26015	R	Nickel Compounds	6.08E-05	6.56E-05	8.08E-05	1.01E-04	1.02E-04	1.25E-04	1.45E-04	1.47E-04	8.47E-07	8.68E-05	8.84E-06	5.65E-06	0.00E+00
Michigan	Barry	26015	R	Perchloroethylene	1.50E-01	1.51E-01	1.52E-01	1.54E-01	1.55E-01	1.55E-01	1.61E-01	1.61E-01	1.99E-04	1.46E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Barry	26015	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
Michigan	Barry	26015	R	Polycyclic Organic Matter	1.05E-02	1.07E-02	1.24E-02	1.38E-02	1.46E-02	1.55E-02	2.10E-02	2.13E-02	8.19E-05	1.44E-02	8.13E-05	8.02E-05	0.00E+00
Michigan	Barry	26015	R	7-PAH	3.04E-04	3.26E-04	3.64E-04	4.03E-04	4.36E-04	4.77E-04	6.16E-04	6.24E-04	1.22E-08	3.60E-04	3.61E-05	4.02E-05	0.00E+00
Michigan	Barry	26015	R	Propylene Dichloride	4.72E-05	5.27E-05	6.04E-05	6.81E-05	6.55E-05	7.03E-05	7.50E-05	7.68E-05	6.73E-06	5.88E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Barry	26015	R	Quinoline	2.31E-08	2.77E-08	3.49E-08	6.93E-08	7.17E-08	1.10E-07	1.23E-07	1.24E-07	0.00E+00	7.17E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Barry	26015	R	1,1,2,2-Tetrachloroethane	4.26E-04	4.73E-04	5.45E-04	6.12E-04	5.89E-04	6.31E-04	6.76E-04	6.96E-04	6.17E-05	5.28E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Barry	26015	R	Trichloroethylene	8.36E-02	8.40E-02	8.45E-02	8.57E-02	8.64E-02	8.88E-02	8.95E-02	8.96E-02	1.52E-03	3.90E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Barry	26015	R	Vinyl Chloride	1.06E-03	1.19E-03	1.37E-03	1.53E-03	1.48E-03	1.58E-03	1.69E-03	1.74E-03	1.52E-04	1.32E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Acetaldehyde	1.30E-01	1.41E-01	2.17E-01	2.56E-01	2.50E-01	2.99E-01	3.23E-01	3.32E-01	1.28E-05	1.69E-02	1.69E-01	6.36E-02	0.00E+00
Michigan	Bay	26017	U	Acrolein	2.54E-02	2.77E-02	3.72E-02	4.24E-02	4.23E-02	4.95E-02	5.06E-02	5.45E-02	9.86E-03	5.97E-03	1.76E-02	8.97E-03	0.00E+00
Michigan	Bay	26017	U	Acrylonitrile	4.48E-03	5.48E-03	6.32E-03	7.20E-03	7.43E-03	7.98E-03	8.70E-03	1.02E-02	5.29E-03	2.13E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Arsenic Compounds	1.42E-05	1.49E-05	3.38E-05	6.37E-05	7.23E-05	1.08E-04	1.49E-04	1.54E-04	1.09E-05	6.12E-05	1.41E-07	4.59E-09	0.00E+00
Michigan	Bay	26017	U	Benzene	6.72E-01	6.85E-01	7.63E-01	9.54E-01	9.45E-01	1.07E+00	1.24E+00	1.27E+00	1.08E-02	3.01E-02	3.11E-01	1.13E-01	4.80E-01
Michigan	Bay	26017	U	Beryllium Compounds	1.45E-06	1.66E-06	3.66E-06	5.96E-06	6.39E-06	8.16E-06	1.14E-05	1.27E-05	1.20E-06	5.19E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	1,3-Butadiene	1.19E-02	1.26E-02	1.85E-02	3.77E-02	3.97E-02	5.26E-02	7.08E-02	7.56E-02	2.29E-03	3.61E-04	2.66E-02	1.04E-02	0.00E+00
Michigan	Bay	26017	U	Cadmium Compounds	1.09E-05	1.47E-05	1.86E-05	2.46E-05	2.45E-05	2.98E-05	3.62E-05	3.87E-05	1.93E-06	2.26E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	4.26E-04	9.12E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Bay	26017	U	Chloroform	8.34E-02	8.34E-02	8.36E-02	8.37E-02	8.37E-02	8.38E-02	8.40E-02	8.41E-02	3.19E-07	7.11E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Bay	26017	U	Chromium Compounds	1.71E-04	2.20E-04	5.59E-04	8.66E-04	1.04E-03	1.42E-03	2.15E-03	2.65E-03	3.21E-04	6.94E-04	8.85E-06	1.95E-05	0.00E+00
Michigan	Bay	26017	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
Michigan	Bay	26017	U	1,3-Dichloropropene	6.65E-03	7.10E-03	1.44E-02	3.65E-02	4.01E-02	5.68E-02	8.17E-02	8.35E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Diesel Particulate Matter	5.78E-01	5.86E-01	7.55E-01	9.02E-01	9.08E-01	1.04E+00	1.21E+00	1.23E+00	0.00E+00	0.00E+00	3.86E-01	5.23E-01	***
Michigan	Bay	26017	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	1.67E-08	1.43E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Bay	26017	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.13E-02	6.13E-02	6.14E-02	6.14E-02	2.24E-05	2.67E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Bay	26017	U	Ethylene Oxide	1.37E-04	1.81E-04	3.24E-04	7.50E-04	9.01E-04	1.18E-03	2.30E-03	2.65E-03	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Formaldehyde	4.04E-01	4.08E-01	4.77E-01	5.39E-01	5.38E-01	6.03E-01	6.38E-01	6.71E-01	5.05E-03	2.67E-02	1.65E-01	9.15E-02	2.50E-01
Michigan	Bay	26017	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	8.37E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Bay	26017	U	Hydrazine	5.36E-09	1.17E-08	2.47E-08	3.96E-08	6.55E-08	9.20E-08	1.63E-07	1.95E-07	0.00E+00	6.55E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Lead Compounds	2.39E-04	3.04E-04	5.74E-04	7.36E-04	6.94E-04	8.38E-04	9.15E-04	9.58E-04	3.68E-04	2.01E-04	1.24E-05	1.13E-04	0.00E+00
Michigan	Bay	26017	U	Manganese Compounds	7.48E-04	1.10E-03	2.28E-03	2.97E-03	2.78E-03	3.60E-03	4.33E-03	4.35E-03	2.54E-03	2.11E-04			

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Bay	26017	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
Michigan	Bay	26017	U	Polycyclic Organic Matter	2.78E-02	2.85E-02	5.33E-02	1.42E-01	1.54E-01	2.20E-01	3.17E-01	3.20E-01	1.57E-03	1.52E-01	6.29E-05	4.39E-05	0.00E+00
Michigan	Bay	26017	U	7-PAH	7.27E-04	7.30E-04	1.20E-03	3.08E-03	3.38E-03	4.81E-03	6.87E-03	7.00E-03	1.04E-08	3.33E-03	2.79E-05	2.16E-05	0.00E+00
Michigan	Bay	26017	U	Propylene Dichloride	9.37E-05	9.89E-05	1.10E-04	1.28E-04	1.33E-04	1.56E-04	1.75E-04	1.78E-04	1.81E-06	1.31E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Quinoline	8.25E-08	1.47E-07	2.26E-07	2.51E-07	3.15E-07	3.71E-07	6.16E-07	6.85E-07	0.00E+00	3.15E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	1,1,2,2-Tetrachloroethane	8.32E-04	8.40E-04	9.80E-04	1.15E-03	1.18E-03	1.40E-03	1.57E-03	1.59E-03	1.66E-05	1.16E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Bay	26017	U	Trichloroethylene	8.41E-02	8.42E-02	8.68E-02	9.30E-02	9.53E-02	1.04E-01	1.13E-01	1.14E-01	3.17E-05	1.43E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Bay	26017	U	Vinyl Chloride	2.47E-03	2.56E-03	2.83E-03	3.32E-03	3.38E-03	3.92E-03	4.29E-03	4.47E-03	4.08E-05	3.34E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	Acetaldehyde	1.04E-01	1.04E-01	1.30E-01	1.41E-01	1.50E-01	1.56E-01	2.21E-01	2.21E-01	5.14E-03	1.21E-02	3.07E-02	1.02E-01	0.00E+00
Michigan	Benzie	26019	R	Acrolein	2.46E-02	2.46E-02	2.97E-02	3.53E-02	3.72E-02	3.88E-02	5.76E-02	5.76E-02	0.00E+00	1.34E-02	3.84E-03	2.00E-02	0.00E+00
Michigan	Benzie	26019	R	Acrylonitrile	4.58E-04	4.58E-04	5.29E-04	6.60E-04	7.37E-04	7.20E-04	1.32E-03	1.32E-03	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	Arsenic Compounds	2.07E-06	2.07E-06	2.27E-06	2.38E-06	3.49E-06	4.39E-06	6.35E-06	6.35E-06	0.00E+00	3.38E-06	1.12E-07	6.05E-10	0.00E+00
Michigan	Benzie	26019	R	Benzene	9.43E-01	9.43E-01	1.04E+00	1.05E+00	1.18E+00	1.13E+00	1.75E+00	1.75E+00	4.71E-02	3.13E-02	5.23E-02	5.72E-01	4.80E-01
Michigan	Benzie	26019	R	Beryllium Compounds	3.03E-07	3.03E-07	3.25E-07	3.39E-07	5.06E-07	6.17E-07	9.45E-07	9.45E-07	0.00E+00	5.06E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	1,3-Butadiene	3.10E-02	3.10E-02	3.13E-02	3.36E-02	4.47E-02	3.80E-02	8.97E-02	8.97E-02	0.00E+00	4.75E-03	3.97E-03	3.60E-02	0.00E+00
Michigan	Benzie	26019	R	Cadmium Compounds	1.45E-06	1.45E-06	1.46E-06	1.47E-06	1.93E-06	2.56E-06	2.70E-06	2.70E-06	0.00E+00	1.93E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	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
Michigan	Benzie	26019	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	1.39E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Benzie	26019	R	Chromium Compounds	1.42E-05	1.42E-05	1.51E-05	1.52E-05	1.87E-05	2.35E-05	2.57E-05	2.57E-05	0.00E+00	6.87E-06	6.72E-06	5.16E-06	0.00E+00
Michigan	Benzie	26019	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
Michigan	Benzie	26019	R	1,3-Dichloropropene	3.15E-03	3.15E-03	3.24E-03	3.58E-03	5.15E-03	6.63E-03	9.16E-03	9.16E-03	0.00E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	Diesel Particulate Matter	2.96E-01	2.96E-01	3.15E-01	3.29E-01	3.57E-01	3.32E-01	5.12E-01	5.12E-01	0.00E+00	0.00E+00	1.39E-01	2.18E-01	***
Michigan	Benzie	26019	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.19E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Benzie	26019	R	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	0.00E+00	8.99E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Benzie	26019	R	Ethylene Oxide	5.54E-05	5.54E-05	6.74E-05	7.05E-05	9.07E-05	1.00E-04	1.60E-04	1.60E-04	0.00E+00	9.07E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	Formaldehyde	4.26E-01	4.26E-01	4.39E-01	4.50E-01	4.74E-01	4.64E-01	5.92E-01	5.92E-01	2.41E-02	5.67E-02	3.27E-02	1.11E-01	2.50E-01
Michigan	Benzie	26019	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.62E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Benzie	26019	R	Hydrazine	1.38E-10	1.38E-10	1.76E-10	5.55E-10	4.95E-10	6.79E-10	9.26E-10	9.26E-10	0.00E+00	4.95E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	Lead Compounds	4.86E-05	4.86E-05	5.28E-05	5.49E-05	5.91E-05	6.55E-05	7.36E-05	7.36E-05	0.00E+00	2.79E-05	9.33E-06	2.18E-05	0.00E+00
Michigan	Benzie	26019	R	Manganese Compounds	1.02E-05	1.02E-05	1.02E-05	5.15E-05	3.77E-05	5.17E-05	6.49E-05	6.49E-05	0.00E+00	2.93E-05	2.74E-06	5.68E-06	0.00E+00
Michigan	Benzie	26019	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	0.00E+00	1.13E-05	9.27E-08	1.47E-06	1.50E-03
Michigan	Benzie	26019	R	Methylene Chloride	1.58E-01	1.58E-01	1.58E-01	1.59E-01	1.63E-01	1.66E-01	1.74E-01	1.74E-01	0.00E+00	1.30E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Benzie	26019	R	Nickel Compounds	1.69E-05	1.69E-05	1.76E-05	1.99E-05	3.09E-05	3.51E-05	6.47E-05	6.47E-05	0.00E+00	2.32E-05	5.25E-06	2.45E-06	0.00E+00
Michigan	Benzie	26019	R	Perchloroethylene	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.45E-01	1.47E-01	1.48E-01	1.48E-01	0.00E+00	5.48E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Benzie	26019	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
Michigan	Benzie	26019	R	Polycyclic Organic Matter	1.37E-02	1.37E-02	1.40E-02	1.49E-02	2.04E-02	2.67E-02	3.25E-02	3.25E-02	0.00E+00	2.00E-02	4.80E-05	3.27E-04	0.00E+00
Michigan	Benzie	26019	R	7-PAH	5.80E-04	5.80E-04	6.52E-04	6.66E-04	7.96E-04	8.77E-04	1.21E-03	1.21E-03	0.00E+00	6.05E-04	2.13E-05	1.69E-04	0.00E+00
Michigan	Benzie	26019	R	Propylene Dichloride	2.77E-05	2.77E-05	3.19E-05	3.99E-05	4.45E-05	4.34E-05	7.97E-05	7.97E-05	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	Quinoline	3.07E-09	3.07E-09	3.92E-09	1.34E-08	1.13E-08	1.74E-08	1.87E-08	1.87E-08	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	1,1,2,2-Tetrachloroethane	2.51E-04	2.51E-04	2.90E-04	3.62E-04	4.05E-04	3.96E-04	7.26E-04	7.26E-04	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Benzie	26019	R	Trichloroethylene	8.23E-02	8.23E-02	8.24E-02	8.24E-02	8.30E-02	8.36E-02	8.42E-02	8.42E-02	0.00E+00	1.99E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Benzie	26019	R	Vinyl Chloride	6.19E-04	6.19E-04	7.14E-04	8.93E-04	9.98E-04	9.74E-04	1.79E-03	1.79E-03	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Berrien	26021	R	Acetaldehyde	2.54E-01	2.67E-01	2.80E-01	3.20E-01	3.42E-01	3.83E-01	4.82E-01	5.02E-01	3.01E-06	2.42E-02	2.15E-01	1.03E-01	0.00E+00
Michigan	Berrien	26021	R	Acrolein	3.46E-02	3.54E-02	3.78E-02	4.27E-02	4.65E-02	5.20E-02	6.50E-02	7.19E-02	9.61E-06	6.12E-03	2.30E-02	1.74E-02	0.00E+00
Michigan	Berrien	26021	R	Acrylonitrile	6.66E-04	7.45E-04	8.44E-04	1.03E-03	1.07E-03	1.23E-03	1.42E-03	1.69E-03	8.91E-05	9.78E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Berrien	26021	R	Arsenic Compounds	6.30E-06	7.45E-06	1.59E-05	2.45E-05	2.90E-05	3.50E-05	6.21E-05	7.08E-05	8.77E-06	1.99E-05	1.74E-07	1.11E-07	0.00E+00
Michigan	Berrien	26021	R	Benzene	9.17E-01	9.39E-01	9.93E-01	1.08E+00	1.15E+00	1.31E+00	1.47E+00	1.56E+00	8.35E-03	2.43E-02	3.58E-01	2.81E-01	4.80E-01
Michigan	Berrien	26021	R	Beryllium Compounds	1.40E-06	1.60E-06	2.02E-06	4.31E-06	5.01E-06	7.15E-06	9.94E-06	1.05E-05	7.55E-08</				

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Branch	26023	R	7-PAH	2.58E-04	2.75E-04	2.88E-04	4.27E-04	5.67E-04	8.57E-04	1.14E-03	1.18E-03	2.84E-10	4.85E-04	6.90E-05	1.35E-05	0.00E+00
Michigan	Branch	26023	R	Propylene Dichloride	6.01E-05	6.66E-05	7.08E-05	8.59E-05	8.78E-05	9.68E-05	1.22E-04	1.23E-04	2.38E-06	8.54E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Branch	26023	R	Quinoline	7.53E-09	7.55E-09	1.03E-08	1.89E-08	3.46E-08	6.32E-08	6.99E-08	1.09E-07	0.00E+00	3.46E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Branch	26023	R	1,1,2,2-Tetrachloroethane	5.46E-04	5.97E-04	6.44E-04	7.78E-04	7.97E-04	8.77E-04	1.11E-03	1.11E-03	2.18E-05	7.75E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Branch	26023	R	Trichloroethylene	8.46E-02	8.48E-02	8.51E-02	8.78E-02	9.22E-02	9.85E-02	1.04E-01	1.15E-01	4.24E-05	1.12E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Branch	26023	R	Vinyl Chloride	1.35E-03	1.47E-03	1.59E-03	1.92E-03	1.96E-03	2.16E-03	2.74E-03	2.74E-03	5.37E-05	1.91E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Acetaldehyde	1.62E-01	1.81E-01	2.50E-01	2.95E-01	2.79E-01	3.24E-01	3.34E-01	3.48E-01	1.85E-04	2.48E-02	1.92E-01	6.21E-02	0.00E+00
Michigan	Calhoun	26025	U	Acrolein	2.32E-02	2.51E-02	3.20E-02	3.79E-02	3.69E-02	4.15E-02	4.49E-02	4.69E-02	1.78E-07	7.77E-03	1.97E-02	9.43E-03	0.00E+00
Michigan	Calhoun	26025	U	Acrylonitrile	9.85E-04	1.03E-03	1.10E-03	1.24E-03	1.40E-03	1.69E-03	2.03E-03	2.31E-03	3.01E-04	1.10E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Arsenic Compounds	7.81E-06	9.08E-06	1.52E-05	2.42E-05	3.83E-05	3.91E-05	7.26E-05	1.61E-04	1.57E-05	2.24E-05	1.89E-07	5.66E-09	0.00E+00
Michigan	Calhoun	26025	U	Benzene	6.73E-01	6.98E-01	7.81E-01	9.13E-01	9.08E-01	9.98E-01	1.07E+00	1.15E+00	5.40E-03	3.01E-02	3.04E-01	8.89E-02	4.80E-01
Michigan	Calhoun	26025	U	Beryllium Compounds	2.15E-06	2.67E-06	4.49E-06	8.33E-06	9.83E-06	1.21E-05	2.28E-05	2.72E-05	2.96E-08	9.80E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	1,3-Butadiene	1.01E-02	1.10E-02	1.78E-02	3.35E-02	3.24E-02	4.19E-02	4.88E-02	5.88E-02	1.14E-09	1.49E-03	2.36E-02	7.30E-03	0.00E+00
Michigan	Calhoun	26025	U	Cadmium Compounds	1.04E-05	1.27E-05	1.78E-05	2.39E-05	2.55E-05	2.99E-05	4.09E-05	5.17E-05	4.54E-07	2.51E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	5.52E-07	9.58E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Calhoun	26025	U	Chloroform	8.35E-02	8.35E-02	8.36E-02	8.38E-02	8.38E-02	8.39E-02	8.39E-02	8.41E-02	3.21E-06	7.50E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Calhoun	26025	U	Chromium Compounds	2.57E-04	2.91E-04	3.74E-04	5.53E-04	9.10E-04	1.09E-03	2.39E-03	2.75E-03	2.88E-04	5.87E-04	1.16E-05	2.26E-05	0.00E+00
Michigan	Calhoun	26025	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
Michigan	Calhoun	26025	U	1,3-Dichloropropene	8.34E-03	9.13E-03	2.23E-02	3.96E-02	4.04E-02	5.79E-02	6.77E-02	8.31E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Diesel Particulate Matter	1.11E+00	1.12E+00	1.17E+00	1.33E+00	1.39E+00	1.54E+00	1.76E+00	1.93E+00	0.00E+00	0.00E+00	5.14E-01	8.76E-01	***
Michigan	Calhoun	26025	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	1.68E-07	6.91E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Calhoun	26025	U	Ethylene Dichloride	6.12E-02	6.13E-02	6.16E-02	6.18E-02	6.17E-02	6.19E-02	6.20E-02	6.21E-02	6.04E-04	1.37E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Calhoun	26025	U	Ethylene Oxide	1.51E-04	1.74E-04	5.50E-04	1.03E-03	1.36E-03	1.66E-03	2.24E-03	2.58E-03	2.14E-08	1.36E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Formaldehyde	4.60E-01	4.92E-01	5.94E-01	6.86E-01	7.00E-01	7.72E-01	8.67E-01	9.46E-01	4.86E-02	1.26E-01	1.76E-01	9.97E-02	2.50E-01
Michigan	Calhoun	26025	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.35E-05	0.00E+00	1.32E-07	0.00E+00	0.00E+00	9.30E-05
Michigan	Calhoun	26025	U	Hydrazine	2.01E-09	3.07E-09	7.81E-09	2.02E-08	3.25E-08	4.44E-08	9.17E-08	1.06E-07	8.76E-10	3.17E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Lead Compounds	1.21E-04	1.29E-04	2.63E-04	3.67E-04	3.82E-04	4.52E-04	5.54E-04	8.78E-04	6.44E-05	2.70E-04	1.62E-05	3.12E-05	0.00E+00
Michigan	Calhoun	26025	U	Manganese Compounds	1.05E-03	1.11E-03	1.30E-03	1.46E-03	1.21E-02	3.63E-03	6.70E-02	9.39E-02	1.21E-02	5.44E-05	4.73E-06	2.64E-05	0.00E+00
Michigan	Calhoun	26025	U	Mercury Compounds	1.56E-03	1.57E-03	1.59E-03	1.60E-03	1.60E-03	1.62E-03	1.64E-03	1.65E-03	3.10E-07	9.80E-05	1.60E-07	6.25E-06	1.50E-03
Michigan	Calhoun	26025	U	Methylene Chloride	2.24E-01	2.77E-01	3.89E-01	4.89E-01	5.01E-01	6.18E-01	6.91E-01	8.49E-01	1.60E-01	1.91E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Calhoun	26025	U	Nickel Compounds	1.77E-04	1.99E-04	2.98E-04	4.75E-04	6.42E-04	8.11E-04	1.36E-03	1.85E-03	3.61E-05	5.85E-04	9.05E-06	1.18E-05	0.00E+00
Michigan	Calhoun	26025	U	Perchloroethylene	1.55E-01	1.56E-01	1.84E-01	2.27E-01	2.25E-01	2.60E-01	2.92E-01	3.04E-01	5.51E-04	8.46E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Calhoun	26025	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
Michigan	Calhoun	26025	U	Polycyclic Organic Matter	1.10E-02	1.21E-02	2.61E-02	4.75E-02	4.53E-02	6.46E-02	7.46E-02	8.95E-02	3.89E-04	4.48E-02	8.31E-05	3.49E-05	0.00E+00
Michigan	Calhoun	26025	U	7-PAH	2.93E-04	3.19E-04	5.48E-04	8.37E-04	8.56E-04	1.15E-03	1.30E-03	1.55E-03	3.09E-10	8.02E-04	3.69E-05	1.73E-05	0.00E+00
Michigan	Calhoun	26025	U	Propylene Dichloride	6.03E-05	6.35E-05	6.69E-05	7.49E-05	8.49E-05	1.02E-04	1.23E-04	1.41E-04	1.82E-05	6.67E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Quinoline	2.27E-08	2.65E-08	5.11E-08	7.76E-08	1.13E-07	1.45E-07	2.62E-07	2.97E-07	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	1,1,2,2-Tetrachloroethane	5.34E-04	5.55E-04	5.98E-04	6.75E-04	7.60E-04	9.17E-04	1.11E-03	1.26E-03	1.67E-04	5.93E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Calhoun	26025	U	Trichloroethylene	8.58E-02	8.69E-02	9.08E-02	1.02E-01	1.10E-01	1.20E-01	1.44E-01	1.65E-01	3.30E-04	2.83E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Calhoun	26025	U	Vinyl Chloride	1.35E-03	1.41E-03	1.51E-03	1.70E-03	1.90E-03	2.29E-03	2.74E-03	3.11E-03	4.11E-04	1.49E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Cass	26027	R	Acetaldehyde	2.18E-01	2.49E-01	2.79E-01	3.39E-01	3.31E-01	3.70E-01	4.30E-01	4.56E-01	1.43E-05	2.25E-02	2.11E-01	9.74E-02	0.00E+00
Michigan	Cass	26027	R	Acrolein	3.73E-02	3.92E-02	4.35E-02	5.09E-02	5.22E-02	6.24E-02	6.73E-02	6.74E-02					

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Cass	26027	R	1,3-Dichloropropene	1.02E-02	1.26E-02	1.39E-02	2.13E-02	2.36E-02	3.24E-02	3.99E-02	4.52E-02	0.00E+00	2.36E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Cass	26027	R	Diesel Particulate Matter	1.13E+00	1.18E+00	1.22E+00	1.34E+00	1.35E+00	1.45E+00	1.54E+00	1.67E+00	0.00E+00	0.00E+00	4.99E-01	8.54E-01	***
Michigan	Cass	26027	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	1.04E-07	4.08E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Cass	26027	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.13E-02	6.14E-02	6.16E-02	6.18E-02	1.77E-04	8.09E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Cass	26027	R	Ethylene Oxide	1.39E-04	1.73E-04	1.94E-04	2.63E-04	3.22E-04	3.79E-04	6.38E-04	7.28E-04	5.97E-07	3.21E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Cass	26027	R	Formaldehyde	5.12E-01	5.33E-01	5.42E-01	6.03E-01	6.33E-01	7.19E-01	7.99E-01	8.34E-01	1.28E-02	3.85E-02	1.77E-01	1.55E-01	2.50E-01
Michigan	Cass	26027	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.38E-07	0.00E+00	0.00E+00	9.30E-05
Michigan	Cass	26027	R	Hydrazine	1.68E-09	2.04E-09	2.39E-06	5.43E-06	5.72E-06	9.70E-06	1.07E-05	1.31E-05	5.71E-06	5.81E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Cass	26027	R	Lead Compounds	3.37E-04	4.22E-04	6.50E-04	8.13E-04	9.77E-04	1.24E-03	1.69E-03	2.21E-03	3.07E-04	3.78E-04	2.65E-05	2.66E-04	0.00E+00
Michigan	Cass	26027	R	Manganese Compounds	2.23E-04	4.13E-04	6.60E-04	9.92E-04	2.77E-03	5.67E-03	6.44E-03	6.78E-03	2.20E-03	5.35E-04	7.72E-06	2.85E-05	0.00E+00
Michigan	Cass	26027	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.56E-03	1.58E-03	1.58E-03	9.23E-07	4.38E-05	2.62E-07	7.63E-06	1.50E-03
Michigan	Cass	26027	R	Methylene Chloride	2.77E-01	3.27E-01	3.92E-01	4.33E-01	4.96E-01	5.80E-01	7.83E-01	8.86E-01	1.69E-01	1.77E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Cass	26027	R	Nickel Compounds	3.03E-04	3.98E-04	6.24E-04	1.26E-03	1.85E-03	2.19E-03	4.51E-03	6.80E-03	6.98E-06	1.82E-03	1.48E-05	1.21E-05	0.00E+00
Michigan	Cass	26027	R	Perchloroethylene	1.54E-01	1.55E-01	1.60E-01	1.70E-01	1.70E-01	1.78E-01	1.90E-01	1.92E-01	4.33E-03	2.59E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Cass	26027	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	1.14E-11	0.00E+00	0.00E+00	3.80E-04
Michigan	Cass	26027	R	Polycyclic Organic Matter	1.23E-02	1.44E-02	1.61E-02	2.85E-02	2.73E-02	3.59E-02	4.14E-02	4.74E-02	2.30E-03	2.47E-02	1.36E-04	1.89E-04	0.00E+00
Michigan	Cass	26027	R	7-PAH	3.97E-04	4.02E-04	4.44E-04	5.20E-04	6.49E-04	9.47E-04	1.08E-03	1.10E-03	3.99E-09	4.92E-04	6.04E-05	9.59E-05	0.00E+00
Michigan	Cass	26027	R	Propylene Dichloride	3.79E-05	4.11E-05	4.42E-05	4.70E-05	5.06E-05	5.41E-05	6.88E-05	8.33E-05	1.13E-05	3.94E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Cass	26027	R	Quinoline	3.13E-08	3.23E-08	4.14E-08	5.19E-08	6.65E-08	9.04E-08	1.17E-07	1.32E-07	0.00E+00	6.65E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Cass	26027	R	1,1,2,2-Tetrachloroethane	3.68E-04	3.75E-04	4.31E-04	4.49E-04	4.88E-04	5.20E-04	6.50E-04	7.75E-04	1.03E-04	3.85E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Cass	26027	R	Trichloroethylene	9.07E-02	9.18E-02	9.55E-02	1.01E-01	1.02E-01	1.07E-01	1.13E-01	1.19E-01	6.34E-03	1.43E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Cass	26027	R	Vinyl Chloride	8.47E-04	9.16E-04	9.83E-04	1.04E-03	1.13E-03	1.20E-03	1.53E-03	1.86E-03	2.54E-04	8.75E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Charlevoix	26029	R	Acetaldehyde	7.74E-02	1.02E-01	1.22E-01	1.37E-01	1.42E-01	1.61E-01	1.97E-01	2.17E-01	1.69E-03	1.28E-02	4.28E-02	8.47E-02	0.00E+00
Michigan	Charlevoix	26029	R	Acrolein	1.14E-02	1.84E-02	2.33E-02	3.19E-02	3.29E-02	3.99E-02	5.22E-02	6.01E-02	3.40E-07	1.51E-02	5.40E-03	1.23E-02	0.00E+00
Michigan	Charlevoix	26029	R	Acrylonitrile	8.66E-05	1.72E-04	2.37E-04	3.02E-04	2.96E-04	3.42E-04	4.44E-04	4.52E-04	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Charlevoix	26029	R	Arsenic Compounds	4.34E-06	4.45E-06	5.17E-06	7.84E-06	1.23E-05	1.73E-05	2.77E-05	3.29E-05	5.71E-07	1.01E-05	1.90E-07	1.38E-06	0.00E+00
Michigan	Charlevoix	26029	R	Benzene	6.18E-01	6.18E-01	7.10E-01	7.81E-01	7.71E-01	8.10E-01	9.20E-01	9.70E-01	1.91E-06	3.01E-02	7.48E-02	1.86E-01	4.80E-01
Michigan	Charlevoix	26029	R	Beryllium Compounds	1.85E-07	4.54E-07	5.51E-07	9.60E-07	1.67E-06	2.51E-06	3.76E-06	5.18E-06	3.36E-08	1.63E-06	0.00E+00	1.20E-08	0.00E+00
Michigan	Charlevoix	26029	R	1,3-Butadiene	7.60E-03	7.75E-03	1.08E-02	1.51E-02	1.78E-02	2.42E-02	2.95E-02	3.73E-02	0.00E+00	4.35E-03	5.69E-03	7.79E-03	0.00E+00
Michigan	Charlevoix	26029	R	Cadmium Compounds	1.00E-06	1.43E-06	1.86E-06	2.79E-06	4.22E-06	6.06E-06	9.03E-06	1.12E-05	7.56E-08	3.98E-06	0.00E+00	1.68E-07	0.00E+00
Michigan	Charlevoix	26029	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.24E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Charlevoix	26029	R	Chloroform	8.30E-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	1.71E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Charlevoix	26029	R	Chromium Compounds	1.80E-05	2.11E-05	2.37E-05	3.12E-05	4.39E-05	6.43E-05	8.49E-05	9.37E-05	3.66E-07	1.50E-05	1.17E-05	1.68E-05	0.00E+00
Michigan	Charlevoix	26029	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
Michigan	Charlevoix	26029	R	1,3-Dichloropropene	1.07E-03	3.70E-03	4.66E-03	6.63E-03	1.33E-02	2.05E-02	3.22E-02	4.24E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Charlevoix	26029	R	Diesel Particulate Matter	1.57E-01	2.12E-01	2.32E-01	2.47E-01	2.80E-01	3.38E-01	3.80E-01	4.25E-01	0.00E+00	0.00E+00	1.13E-01	1.66E-01	***
Michigan	Charlevoix	26029	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-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Charlevoix	26029	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	5.86E-08	3.54E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Charlevoix	26029	R	Ethylene Oxide	2.77E-05	3.01E-05	5.57E-05	1.17E-04	1.54E-04	2.06E-04	3.53E-04	5.02E-04	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Charlevoix	26029	R	Formaldehyde	3.25E-01	3.70E-01	3.95E-01	4.24E-01	4.44E-01	4.93E-01	5.55E-01	6.10E-01	7.60E-04	6.06E-02	4.55E-02	8.69E-02	2.50E-01
Michigan	Charlevoix	26029	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	0.00E+00	3.00E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Charlevoix	26029	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	8.76E-12	1.23E-11	2.08E-11	2.30E-11	6.19E-11	0.00E+00	1.23E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Charlevoix	26029	R	Lead Compounds	2.20E-05	2.51E-05	4.58E-05	6.56E-05	8.40E-05	1.10E-04	1.70E-04	2.33E-04	5.98E-07	5.08E-05	1.65E-05	1.62E-05	0.00E+00
Michigan	Charlevoix	26029	R	Manganese Compounds	2.00E-05	2.05E-05	2.52E-05	3.25E-05	4.33E-05	6.12E-05	8.21E-05	8.87E-05	6.88E-07	2.20E-05	4.81E-06	1.58E-05	0.00E+00
Michigan	Charlevoix	26029	R	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03								

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Charlevoix	26029	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	2.65E-10	2.67E-10	4.56E-10	5.02E-10	1.05E-09	0.00E+00	2.67E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Charlevoix	26029	R	1,1,2,2-Tetrachloroethane	4.66E-05	9.35E-05	1.28E-04	1.63E-04	1.60E-04	1.85E-04	2.41E-04	2.46E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Charlevoix	26029	R	Trichloroethylene	8.23E-02	8.39E-02	8.54E-02	8.75E-02	8.87E-02	9.15E-02	9.66E-02	9.81E-02	0.00E+00	7.71E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Charlevoix	26029	R	Vinyl Chloride	1.15E-04	2.30E-04	3.15E-04	4.03E-04	3.94E-04	4.56E-04	5.93E-04	6.06E-04	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	Acetaldehyde	9.85E-02	9.85E-02	1.26E-01	1.34E-01	1.44E-01	1.65E-01	1.96E-01	1.96E-01	4.75E-04	1.47E-02	2.76E-02	1.01E-01	0.00E+00
Michigan	Cheboygan	26031	R	Acrolein	4.18E-02	4.18E-02	5.60E-02	5.92E-02	6.27E-02	6.90E-02	9.07E-02	9.07E-02	9.79E-08	1.94E-02	3.45E-03	3.99E-02	0.00E+00
Michigan	Cheboygan	26031	R	Acrylonitrile	3.68E-04	3.68E-04	3.85E-04	4.38E-04	4.87E-04	5.20E-04	7.93E-04	7.93E-04	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	Arsenic Compounds	2.59E-06	2.59E-06	3.43E-06	3.73E-06	6.26E-06	8.02E-06	1.44E-05	1.44E-05	1.70E-07	5.03E-06	1.16E-07	9.43E-07	0.00E+00
Michigan	Cheboygan	26031	R	Benzene	1.23E+00	1.23E+00	1.32E+00	1.48E+00	1.60E+00	1.85E+00	2.15E+00	2.15E+00	6.10E-07	3.94E-02	4.83E-02	1.04E+00	4.80E-01
Michigan	Cheboygan	26031	R	Beryllium Compounds	2.85E-07	2.85E-07	3.37E-07	3.89E-07	8.09E-07	1.04E-06	2.07E-06	2.07E-06	9.48E-09	7.93E-07	0.00E+00	6.76E-09	0.00E+00
Michigan	Cheboygan	26031	R	1,3-Butadiene	4.29E-02	4.29E-02	4.83E-02	5.85E-02	7.16E-02	8.93E-02	1.19E-01	1.19E-01	0.00E+00	6.44E-03	3.69E-03	6.14E-02	0.00E+00
Michigan	Cheboygan	26031	R	Cadmium Compounds	1.43E-06	1.43E-06	1.72E-06	2.08E-06	2.74E-06	3.25E-06	5.48E-06	5.48E-06	2.25E-08	2.63E-06	0.00E+00	9.38E-08	0.00E+00
Michigan	Cheboygan	26031	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
Michigan	Cheboygan	26031	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	1.19E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Cheboygan	26031	R	Chromium Compounds	1.32E-05	1.32E-05	1.61E-05	1.85E-05	2.63E-05	3.38E-05	5.35E-05	5.35E-05	1.11E-07	8.18E-06	7.24E-06	1.07E-05	0.00E+00
Michigan	Cheboygan	26031	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
Michigan	Cheboygan	26031	R	1,3-Dichloropropene	2.32E-03	2.32E-03	2.74E-03	3.57E-03	8.00E-03	1.11E-02	2.19E-02	2.19E-02	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	Diesel Particulate Matter	1.37E-01	1.37E-01	1.63E-01	1.83E-01	1.89E-01	2.13E-01	2.58E-01	2.58E-01	0.00E+00	0.00E+00	7.53E-02	1.14E-01	***
Michigan	Cheboygan	26031	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	2.69E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Cheboygan	26031	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.88E-08	5.93E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Cheboygan	26031	R	Ethylene Oxide	5.04E-05	5.04E-05	8.14E-05	8.43E-05	1.28E-04	1.55E-04	2.73E-04	2.73E-04	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	Formaldehyde	4.08E-01	4.08E-01	4.75E-01	4.97E-01	5.09E-01	5.40E-01	6.10E-01	6.10E-01	2.10E-04	7.93E-02	2.86E-02	1.51E-01	2.50E-01
Michigan	Cheboygan	26031	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	3.37E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Cheboygan	26031	R	Hydrazine	6.28E-13	6.28E-13	7.64E-13	1.37E-12	4.61E-12	6.78E-12	1.67E-11	1.67E-11	0.00E+00	4.61E-12	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	Lead Compounds	6.69E-05	6.69E-05	9.30E-05	1.07E-04	1.14E-04	1.36E-04	1.71E-04	1.71E-04	1.81E-07	2.71E-05	1.02E-05	7.68E-05	0.00E+00
Michigan	Cheboygan	26031	R	Manganese Compounds	1.22E-05	1.22E-05	1.88E-05	2.13E-05	2.57E-05	2.92E-05	4.62E-05	4.62E-05	2.07E-07	1.24E-05	2.96E-06	1.02E-05	0.00E+00
Michigan	Cheboygan	26031	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	3.97E-08	1.34E-05	1.00E-07	1.75E-06	1.50E-03
Michigan	Cheboygan	26031	R	Methylene Chloride	1.55E-01	1.55E-01	1.56E-01	1.59E-01	1.65E-01	1.67E-01	1.87E-01	1.87E-01	1.23E-07	1.47E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Cheboygan	26031	R	Nickel Compounds	3.18E-05	3.18E-05	4.16E-05	5.49E-05	6.29E-05	7.03E-05	1.12E-04	1.12E-04	1.16E-07	2.52E-05	5.61E-06	3.20E-05	0.00E+00
Michigan	Cheboygan	26031	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.49E-01	1.51E-01	1.62E-01	1.62E-01	1.82E-08	8.54E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Cheboygan	26031	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
Michigan	Cheboygan	26031	R	Polycyclic Organic Matter	1.08E-02	1.08E-02	1.41E-02	1.76E-02	3.24E-02	4.44E-02	7.97E-02	7.97E-02	1.06E-08	3.17E-02	5.14E-05	6.36E-04	0.00E+00
Michigan	Cheboygan	26031	R	7-PAH	6.60E-04	6.60E-04	1.06E-03	1.08E-03	1.44E-03	1.75E-03	2.64E-03	2.64E-03	1.96E-10	1.09E-03	2.28E-05	3.29E-04	0.00E+00
Michigan	Cheboygan	26031	R	Propylene Dichloride	2.21E-05	2.21E-05	2.32E-05	2.64E-05	2.93E-05	3.13E-05	4.78E-05	4.78E-05	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	Quinoline	1.55E-11	1.55E-11	2.03E-11	3.25E-11	1.01E-10	1.86E-10	2.86E-10	2.86E-10	0.00E+00	1.01E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	1,1,2,2-Tetrachloroethane	2.01E-04	2.01E-04	2.11E-04	2.40E-04	2.67E-04	2.85E-04	4.36E-04	4.36E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Cheboygan	26031	R	Trichloroethylene	8.18E-02	8.18E-02	8.20E-02	8.26E-02	8.30E-02	8.33E-02	8.56E-02	8.56E-02	0.00E+00	2.03E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Cheboygan	26031	R	Vinyl Chloride	4.96E-04	4.96E-04	5.20E-04	5.91E-04	6.58E-04	7.03E-04	1.07E-03	1.07E-03	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Chippewa	26033	R	Acetaldehyde	2.79E-02	4.23E-02	5.13E-02	8.80E-02	9.75E-02	1.23E-01	1.46E-01	2.53E-01	0.00E+00	2.14E-02	2.25E-02	5.37E-02	0.00E+00
Michigan	Chippewa	26033	R														

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Chippewa	26033	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	2.46E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Chippewa	26033	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	5.40E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Chippewa	26033	R	Ethylene Oxide	2.34E-06	1.14E-05	1.18E-05	5.72E-05	1.45E-04	1.62E-04	5.09E-04	6.35E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Chippewa	26033	R	Formaldehyde	3.04E-01	3.21E-01	3.45E-01	4.47E-01	4.80E-01	5.23E-01	6.12E-01	1.01E+00	1.21E-04	1.22E-01	3.00E-02	7.85E-02	2.50E-01
Michigan	Chippewa	26033	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.68E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Chippewa	26033	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
Michigan	Chippewa	26033	R	Lead Compounds	5.05E-06	7.78E-05	8.73E-05	1.15E-04	1.51E-03	2.51E-04	2.19E-03	1.46E-02	5.88E-08	3.81E-05	1.72E-05	1.45E-03	0.00E+00
Michigan	Chippewa	26033	R	Manganese Compounds	9.16E-06	1.08E-05	1.86E-05	6.79E-05	1.04E-04	1.35E-04	2.82E-04	3.58E-04	1.64E-06	8.14E-05	4.98E-06	1.59E-05	0.00E+00
Michigan	Chippewa	26033	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	8.54E-10	9.65E-06	1.66E-07	3.03E-06	1.50E-03
Michigan	Chippewa	26033	R	Methylene Chloride	1.52E-01	1.53E-01	1.54E-01	1.73E-01	1.91E-01	2.08E-01	2.54E-01	3.11E-01	0.00E+00	4.06E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Chippewa	26033	R	Nickel Compounds	2.24E-05	4.11E-05	4.65E-05	9.54E-05	1.28E-04	1.85E-04	2.78E-04	3.57E-04	2.54E-09	6.63E-05	9.12E-06	5.25E-05	0.00E+00
Michigan	Chippewa	26033	R	Perchloroethylene	1.41E-01	1.42E-01	1.42E-01	1.51E-01	1.59E-01	1.63E-01	1.90E-01	2.23E-01	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Chippewa	26033	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
Michigan	Chippewa	26033	R	Polycyclic Organic Matter	2.74E-03	4.09E-03	7.80E-03	4.70E-02	7.82E-02	8.47E-02	1.99E-01	3.56E-01	1.38E-11	7.81E-02	8.33E-05	6.27E-05	0.00E+00
Michigan	Chippewa	26033	R	7-PAH	2.69E-04	3.93E-04	4.55E-04	1.65E-03	2.36E-03	3.22E-03	5.01E-03	8.60E-03	1.27E-13	2.29E-03	3.70E-05	2.38E-05	0.00E+00
Michigan	Chippewa	26033	R	Propylene Dichloride	1.72E-05	1.89E-05	1.98E-05	2.31E-05	2.67E-05	3.14E-05	3.98E-05	4.58E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Chippewa	26033	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
Michigan	Chippewa	26033	R	1,1,2,2-Tetrachloroethane	1.57E-04	1.73E-04	1.81E-04	2.11E-04	2.44E-04	2.87E-04	3.64E-04	4.18E-04	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Chippewa	26033	R	Trichloroethylene	8.14E-02	8.17E-02	8.18E-02	8.43E-02	8.67E-02	9.06E-02	9.49E-02	1.00E-01	0.00E+00	5.73E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Chippewa	26033	R	Vinyl Chloride	3.88E-04	4.26E-04	4.45E-04	5.20E-04	6.01E-04	7.06E-04	8.96E-04	1.03E-03	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Clare	26035	R	Acetaldehyde	4.36E-02	4.43E-02	4.89E-02	5.70E-02	6.18E-02	6.97E-02	7.97E-02	1.08E-01	0.00E+00	1.53E-02	3.21E-02	1.44E-02	0.00E+00
Michigan	Clare	26035	R	Acrolein	1.16E-02	1.42E-02	1.58E-02	1.87E-02	1.91E-02	2.24E-02	2.35E-02	2.71E-02	0.00E+00	1.32E-02	4.03E-03	1.86E-03	0.00E+00
Michigan	Clare	26035	R	Acrylonitrile	3.83E-04	4.52E-04	4.89E-04	6.02E-04	6.07E-04	6.82E-04	8.36E-04	8.39E-04	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Clare	26035	R	Arsenic Compounds	1.17E-06	2.28E-06	2.73E-06	4.11E-06	4.67E-06	5.06E-06	7.03E-06	1.42E-05	0.00E+00	4.55E-06	1.26E-07	8.91E-10	0.00E+00
Michigan	Clare	26035	R	Benzene	5.42E-01	5.49E-01	5.54E-01	5.72E-01	5.80E-01	6.03E-01	6.30E-01	6.41E-01	0.00E+00	3.60E-02	5.34E-02	1.09E-02	4.80E-01
Michigan	Clare	26035	R	Beryllium Compounds	1.54E-07	2.44E-07	3.61E-07	4.69E-07	6.29E-07	6.18E-07	1.00E-06	2.30E-06	0.00E+00	6.29E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Clare	26035	R	1,3-Butadiene	4.00E-03	4.92E-03	6.79E-03	9.52E-03	9.92E-03	1.22E-02	1.48E-02	1.82E-02	0.00E+00	5.12E-03	3.97E-03	8.35E-04	0.00E+00
Michigan	Clare	26035	R	Cadmium Compounds	1.34E-06	1.86E-06	2.00E-06	3.19E-06	3.43E-06	4.13E-06	5.36E-06	8.01E-06	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Clare	26035	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	2.13E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Clare	26035	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	0.00E+00	1.41E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Clare	26035	R	Chromium Compounds	1.19E-05	1.58E-05	3.16E-05	4.71E-05	4.85E-05	5.75E-05	7.25E-05	1.17E-04	0.00E+00	3.50E-05	7.69E-06	5.80E-06	0.00E+00
Michigan	Clare	26035	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
Michigan	Clare	26035	R	1,3-Dichloropropene	1.74E-03	2.74E-03	3.41E-03	5.33E-03	6.12E-03	7.31E-03	1.05E-02	1.64E-02	0.00E+00	6.12E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Clare	26035	R	Diesel Particulate Matter	4.08E-01	4.12E-01	4.25E-01	4.44E-01	4.67E-01	4.79E-01	5.68E-01	6.19E-01	0.00E+00	0.00E+00	2.01E-01	2.66E-01	***
Michigan	Clare	26035	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70								

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Clare	26035	R	Trichloroethylene	8.21E-02	8.21E-02	8.24E-02	8.27E-02	8.33E-02	8.32E-02	8.36E-02	8.98E-02	6.73E-05	2.25E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Clare	26035	R	Vinyl Chloride	5.37E-04	6.13E-04	6.75E-04	8.23E-04	8.26E-04	9.27E-04	1.13E-03	1.14E-03	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	Acetaldehyde	1.09E-01	1.16E-01	1.49E-01	1.75E-01	1.92E-01	2.39E-01	2.85E-01	3.07E-01	1.37E-05	1.26E-02	1.36E-01	4.36E-02	0.00E+00
Michigan	Clinton	26037	U	Acrolein	1.49E-02	1.51E-02	1.89E-02	2.27E-02	2.49E-02	3.12E-02	3.71E-02	4.19E-02	5.70E-06	4.16E-03	1.39E-02	6.83E-03	0.00E+00
Michigan	Clinton	26037	U	Acrylonitrile	5.07E-04	5.58E-04	6.22E-04	8.46E-04	8.14E-04	9.28E-04	1.08E-03	1.20E-03	5.01E-05	7.63E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	Arsenic Compounds	6.58E-06	7.14E-06	8.21E-06	1.29E-05	1.52E-05	1.98E-05	2.59E-05	3.43E-05	8.32E-06	6.75E-06	1.20E-07	2.51E-09	0.00E+00
Michigan	Clinton	26037	U	Benzene	5.92E-01	5.97E-01	6.33E-01	6.65E-01	7.04E-01	7.85E-01	8.38E-01	8.83E-01	1.03E-03	1.23E-02	1.66E-01	4.46E-02	4.80E-01
Michigan	Clinton	26037	U	Beryllium Compounds	9.14E-07	1.02E-06	1.37E-06	2.24E-06	2.72E-06	3.81E-06	5.12E-06	7.03E-06	4.38E-07	2.29E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	1,3-Butadiene	5.83E-03	6.51E-03	7.73E-03	1.01E-02	1.41E-02	2.41E-02	2.69E-02	3.04E-02	2.62E-10	5.73E-04	9.85E-03	3.68E-03	0.00E+00
Michigan	Clinton	26037	U	Cadmium Compounds	2.99E-06	3.00E-06	4.25E-06	6.02E-06	6.96E-06	9.70E-06	1.20E-05	1.54E-05	1.20E-06	5.76E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	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	9.19E-08	5.42E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Clinton	26037	U	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.36E-02	8.38E-02	8.38E-02	5.35E-07	5.00E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Clinton	26037	U	Chromium Compounds	9.78E-05	1.11E-04	1.17E-04	1.62E-04	1.73E-04	2.31E-04	2.80E-04	2.84E-04	7.21E-06	1.44E-04	7.70E-06	1.44E-05	0.00E+00
Michigan	Clinton	26037	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
Michigan	Clinton	26037	U	1,3-Dichloropropene	6.52E-03	7.48E-03	1.03E-02	1.49E-02	1.97E-02	3.17E-02	3.75E-02	4.60E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	Diesel Particulate Matter	8.91E-01	9.04E-01	9.66E-01	1.05E+00	1.05E+00	1.12E+00	1.18E+00	1.20E+00	0.00E+00	0.00E+00	4.06E-01	6.45E-01	***
Michigan	Clinton	26037	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	2.81E-08	4.35E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Clinton	26037	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.93E-06	9.19E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Clinton	26037	U	Ethylene Oxide	9.53E-05	9.55E-05	1.46E-04	2.02E-04	2.58E-04	3.29E-04	4.63E-04	8.24E-04	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	Formaldehyde	3.72E-01	3.74E-01	4.04E-01	4.27E-01	4.48E-01	4.99E-01	5.41E-01	5.67E-01	6.64E-05	1.42E-02	1.11E-01	7.19E-02	2.50E-01
Michigan	Clinton	26037	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	1.02E-07	0.00E+00	0.00E+00	9.30E-05
Michigan	Clinton	26037	U	Hydrazine	6.97E-10	7.73E-10	1.31E-09	1.89E-09	3.56E-09	4.84E-09	8.22E-09	1.37E-08	0.00E+00	3.56E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	Lead Compounds	8.14E-04	9.47E-04	1.11E-03	1.63E-03	2.35E-03	3.22E-03	5.64E-03	5.99E-03	9.06E-06	1.95E-03	1.06E-05	3.79E-04	0.00E+00
Michigan	Clinton	26037	U	Manganese Compounds	3.72E-05	3.89E-05	5.95E-05	9.17E-05	1.15E-04	1.68E-04	2.02E-04	3.09E-04	1.78E-05	7.76E-05	3.03E-06	1.64E-05	0.00E+00
Michigan	Clinton	26037	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	3.08E-06	3.09E-05	1.05E-07	4.10E-06	1.50E-03
Michigan	Clinton	26037	U	Methylene Chloride	1.68E-01	1.69E-01	1.78E-01	1.91E-01	2.05E-01	2.23E-01	2.50E-01	3.10E-01	1.82E-04	5.46E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Clinton	26037	U	Nickel Compounds	1.10E-04	1.16E-04	1.40E-04	2.22E-04	4.34E-04	3.20E-04	1.26E-03	3.10E-03	2.79E-04	1.43E-04	5.96E-06	7.07E-06	0.00E+00
Michigan	Clinton	26037	U	Perchloroethylene	1.46E-01	1.47E-01	1.50E-01	1.54E-01	1.58E-01	1.67E-01	1.71E-01	1.84E-01	9.03E-05	1.75E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Clinton	26037	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
Michigan	Clinton	26037	U	Polycyclic Organic Matter	8.50E-03	9.33E-03	1.26E-02	1.77E-02	2.26E-02	3.58E-02	3.97E-02	4.99E-02	9.59E-05	2.24E-02	5.59E-05	1.96E-05	0.00E+00
Michigan	Clinton	26037	U	7-PAH	2.22E-04	2.44E-04	2.94E-04	3.61E-04	4.52E-04	6.53E-04	7.25E-04	8.91E-04	8.45E-09	4.20E-04	2.48E-05	7.64E-06	0.00E+00
Michigan	Clinton	26037	U	Propylene Dichloride	3.03E-05	3.34E-05	3.73E-05	5.07E-05	4.88E-05	5.58E-05	6.48E-05	7.21E-05	3.04E-06	4.58E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	Quinoline	9.11E-09	9.14E-09	1.25E-08	1.93E-08	2.43E-08	3.22E-08	4.67E-08	6.70E-08	0.00E+00	2.43E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	1,1,2,2-Tetrachloroethane	2.73E-04	3.00E-04	3.36E-04	4.57E-04	4.39E-04	5.00E-04	5.82E-04	6.49E-04	2.78E-05	4.11E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Clinton	26037	U	Trichloroethylene	1.12E-01	1.20E-01	1.39E-01	1.52E-01	4.01E-01	2.06E-01	1.65E+00	2.86E+00	3.15E-01	4.79E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Clinton	26037	U	Vinyl Chloride	6.80E-04	7.56E-04	8.41E-04	1.14E-03	1.10E-03	1.26E-03</							

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Crawford	26039	R	Ethylene Oxide	1.15E-05	1.15E-05	2.40E-05	1.14E-04	9.44E-05	1.59E-04	1.64E-04	1.64E-04	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Crawford	26039	R	Formaldehyde	3.61E-01	3.61E-01	3.87E-01	4.18E-01	4.36E-01	4.93E-01	5.21E-01	5.21E-01	1.56E-03	1.22E-01	3.59E-02	2.69E-02	2.50E-01
Michigan	Crawford	26039	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.20E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Crawford	26039	R	Hydrazine	4.34E-10	4.34E-10	3.98E-09	5.75E-09	1.26E-08	2.62E-08	2.69E-08	2.69E-08	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Crawford	26039	R	Lead Compounds	1.58E-05	1.58E-05	2.15E-05	2.66E-05	2.90E-05	3.70E-05	4.43E-05	4.43E-05	1.59E-06	1.81E-05	9.33E-06	7.04E-11	0.00E+00
Michigan	Crawford	26039	R	Manganese Compounds	1.92E-05	1.92E-05	4.60E-05	5.33E-05	6.17E-05	6.53E-05	1.25E-04	1.25E-04	4.54E-05	8.92E-06	2.71E-06	4.66E-06	0.00E+00
Michigan	Crawford	26039	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	2.04E-08	1.21E-05	9.24E-08	1.18E-06	1.50E-03
Michigan	Crawford	26039	R	Methylene Chloride	1.56E-01	1.56E-01	1.60E-01	1.61E-01	1.63E-01	1.69E-01	1.71E-01	1.71E-01	1.65E-04	1.32E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Crawford	26039	R	Nickel Compounds	1.55E-05	1.55E-05	1.80E-05	2.47E-05	2.84E-05	4.05E-05	4.34E-05	4.34E-05	7.22E-08	2.11E-05	5.24E-06	2.02E-06	0.00E+00
Michigan	Crawford	26039	R	Perchloroethylene	1.44E-01	1.44E-01	1.45E-01	1.46E-01	1.48E-01	1.53E-01	1.54E-01	1.54E-01	0.00E+00	8.43E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Crawford	26039	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
Michigan	Crawford	26039	R	Polycyclic Organic Matter	1.11E-02	1.11E-02	1.61E-02	1.85E-02	2.41E-02	3.60E-02	3.88E-02	3.88E-02	3.44E-10	2.40E-02	4.84E-05	3.70E-05	0.00E+00
Michigan	Crawford	26039	R	7-PAH	6.22E-04	6.22E-04	7.62E-04	8.80E-04	1.08E-03	1.50E-03	1.65E-03	1.65E-03	3.18E-12	1.04E-03	2.15E-05	1.91E-05	0.00E+00
Michigan	Crawford	26039	R	Propylene Dichloride	4.65E-05	4.65E-05	5.12E-05	5.55E-05	6.27E-05	7.40E-05	8.61E-05	8.61E-05	0.00E+00	6.27E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Crawford	26039	R	Quinoline	4.09E-09	4.09E-09	2.27E-08	3.73E-08	4.82E-08	8.52E-08	9.18E-08	9.18E-08	0.00E+00	4.82E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Crawford	26039	R	1,1,2,2-Tetrachloroethane	4.25E-04	4.25E-04	4.66E-04	5.04E-04	5.68E-04	6.69E-04	7.79E-04	7.79E-04	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Crawford	26039	R	Trichloroethylene	8.21E-02	8.21E-02	8.27E-02	8.33E-02	8.34E-02	8.43E-02	8.44E-02	8.44E-02	0.00E+00	2.36E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Crawford	26039	R	Vinyl Chloride	1.07E-03	1.07E-03	1.25E-03	1.42E-03	1.63E-03	2.04E-03	2.35E-03	2.35E-03	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Delta	26041	R	Acetaldehyde	4.28E-02	4.32E-02	5.72E-02	8.26E-02	8.28E-02	1.10E-01	1.16E-01	1.25E-01	3.12E-04	2.12E-02	2.29E-02	3.84E-02	0.00E+00
Michigan	Delta	26041	R	Acrolein	1.27E-02	1.44E-02	1.94E-02	3.05E-02	3.36E-02	4.82E-02	5.54E-02	5.69E-02	1.61E-07	2.53E-02	3.08E-03	5.23E-03	0.00E+00
Michigan	Delta	26041	R	Acrylonitrile	1.02E-04	1.23E-04	1.29E-04	1.50E-04	1.62E-04	1.97E-04	2.05E-04	2.43E-04	2.64E-05	1.36E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Delta	26041	R	Arsenic Compounds	1.73E-06	5.71E-06	1.05E-05	1.91E-05	2.47E-05	3.13E-05	5.80E-05	6.57E-05	4.27E-06	1.70E-05	1.90E-07	3.29E-06	0.00E+00
Michigan	Delta	26041	R	Benzene	5.53E-01	5.54E-01	5.69E-01	6.35E-01	6.52E-01	7.27E-01	7.61E-01	8.19E-01	3.37E-04	5.07E-02	6.61E-02	5.50E-02	4.80E-01
Michigan	Delta	26041	R	Beryllium Compounds	1.44E-07	3.71E-07	7.60E-07	1.67E-06	2.99E-06	4.61E-06	7.85E-06	9.07E-06	5.90E-07	2.37E-06	0.00E+00	3.01E-08	0.00E+00
Michigan	Delta	26041	R	1,3-Butadiene	4.77E-03	5.39E-03	6.49E-03	1.72E-02	2.16E-02	3.56E-02	3.95E-02	4.71E-02	0.00E+00	1.13E-02	6.49E-03	3.75E-03	0.00E+00
Michigan	Delta	26041	R	Cadmium Compounds	9.74E-07	1.85E-06	4.07E-06	6.93E-06	8.91E-06	1.41E-05	1.86E-05	2.11E-05	2.63E-06	5.86E-06	0.00E+00	4.21E-07	0.00E+00
Michigan	Delta	26041	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	4.83E-08	9.94E-06	0.00E+00	0.00E+00	8.80E-01
Michigan	Delta	26041	R	Chloroform	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	2.81E-07	1.34E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Delta	26041	R	Chromium Compounds	9.23E-06	3.12E-05	4.04E-05	9.00E-05	1.12E-04	1.96E-04	2.25E-04	2.35E-04	8.93E-06	6.87E-05	1.26E-05	2.18E-05	0.00E+00
Michigan	Delta	26041	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
Michigan	Delta	26041	R	1,3-Dichloropropene	8.82E-04	1.29E-03	1.87E-03	9.81E-03	2.47E-02	3.69E-02	7.89E-02	9.42E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Delta	26041	R	Diesel Particulate Matter	1.24E-01	1.40E-01	1.45E-01	1.95E-01	2.06E-01	2.73E-01	2.89E-01	2.97E-01	0.00E+00	0.00E+00	7.31E-02	1.32E-01	***
Michigan	Delta	26041	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	1.47E-08	7.44E-08	0.00E+00	0.00E+00	7.70E-03
Michigan	Delta	26041	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	3.21E-06	1.70E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Delta	26041	R	Ethylene Oxide	5.68E-06	1.12E-05	1.37E-05	9.50E-05	2.26E-04	3.36E-04	7.29E-04	8.36E-04	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Delta	26041	R	Formaldehyde	3.20E-01	3.31E-01	3.45E-01	4.16E-01	4.38E-01	5.30E-01	5.71E-01	5.76E-01	3.02E-04	1.12E-01	3.10E-02	4.50E-02	2.50E-01
Michigan	Delta	26041	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.38E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Delta	26041	R	Hydrazine	0.00E+00	0.00E+00	5.30E-12	1.28E-11	1.27E-11	1.56E-11	1.74E-11	4.61E-11	0.00E+00	1.27E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Delta	26041	R	Lead Compounds	5.95E-05	1.75E-04	2.36E-04	6.22E-04	9.48E-04	1.38E-03	1.91E-03	3.31E-03	2.13E-04	1.05E-04	1.80E-05	6.12E-04	0.00E+00
Michigan	Delta	26041	R	Manganese Compounds	4.51E-05	1.16E-04	2.00E-04	4.27E-04	4.06E-04	6.06E-04	6.40E-04	7.47E-04	2.23E-05	3.60E-04	5.24E-06	1.85E-05	0.00E+00
Michigan	Delta	26041	R	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	7.83E-07	1.30E-05	1.76E-07	1.55E-06	1.50E-03
Michigan	Delta	26041	R	Methylene Chloride	1.52E-01	1.53E-01	1.54E-01	1.68E-01	1.89E-01	2.10E-01	2.61E-01	2.81E-01	9.25E-05	3.84E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Delta	26041	R	Nickel Compounds	1.30E-05	4.82E-05	8.00E-05	2.38E-04	2.24E-04	3.81E-04	3.86E-04	4.19E-04	8.54E-06	8.15E-05	9.61E-06	1.24E-04	0.00E+00
Michigan	Delta	26041	R	Perchloroethylene	1.41E-01	1.42E-01	1.42E-01	1.50E-01	1.64E-01	1.78E-01	2.14E-01	2.29E-01	4.70E-05	2.43E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Delta	26041	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	1.99E-12	0.00E+00	0.00E+00	3.80E-04
Michigan	Delta	26041	R	Polycyclic Organic Matter	4.44E-03	7.25E-03	8.74E-03	3.61E-02	8.24E-02	1.20E-01	2.58E-01	3.03E-01	1.16E-08	8.22E-02	8.77E-05	3.27E-05	0.00E+00
Michigan	Delta	26041	R	7-PAH	3.03E-04	4.43E-04	4.79E-04	1.29E-03	2.33E-03	3.39E-03	6.20E-03	7.34E-03	2.38E-10	2.28E-03	3.89E-05	1.27E-05	0.00E+00
Michigan	Delta	26041	R	Propylene Dichloride	6.11E-06	7.33E-06	7.67E-06	8.94E-06	9.72E-06	1.18E-05	1.23E-05	1.45E-05	1.60E-06	8.13E-06	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 Michigan																	
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
Michigan	Dickinson	26043	U	Acetaldehyde	3.61E-02	3.61E-02	4.14E-02	7.54E-02	7.25E-02	9.39E-02	1.03E-01	1.03E-01	4.69E-03	2.42E-02	2.68E-02	1.67E-02	0.00E+00
Michigan	Dickinson	26043	U	Acrolein	1.98E-02	1.98E-02	2.15E-02	3.84E-02	3.68E-02	5.23E-02	5.75E-02	5.75E-02	2.20E-02	2.96E-02	3.80E-03	3.38E-03	0.00E+00
Michigan	Dickinson	26043	U	Acrylonitrile	6.52E-05	6.52E-05	7.43E-05	8.26E-05	9.70E-05	9.62E-05	1.97E-04	1.97E-04	1.99E-06	9.50E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Dickinson	26043	U	Arsenic Compounds	8.57E-06	8.57E-06	2.56E-05	4.15E-05	6.14E-05	6.67E-05	1.96E-04	1.96E-04	1.51E-05	4.61E-05	1.98E-07	4.11E-09	0.00E+00
Michigan	Dickinson	26043	U	Benzene	5.36E-01	5.36E-01	5.44E-01	6.58E-01	6.59E-01	7.17E-01	8.41E-01	8.41E-01	6.53E-04	8.89E-02	5.99E-02	2.95E-02	4.80E-01
Michigan	Dickinson	26043	U	Beryllium Compounds	2.73E-07	2.73E-07	9.76E-07	3.23E-06	3.99E-06	8.15E-06	8.70E-06	8.70E-06	1.97E-06	2.02E-06	0.00E+00	2.11E-11	0.00E+00
Michigan	Dickinson	26043	U	1,3-Butadiene	5.35E-03	5.35E-03	5.96E-03	2.10E-02	2.36E-02	3.19E-02	5.08E-02	5.08E-02	0.00E+00	1.43E-02	5.22E-03	4.12E-03	0.00E+00
Michigan	Dickinson	26043	U	Cadmium Compounds	3.23E-06	3.23E-06	1.14E-05	1.58E-05	2.32E-05	3.55E-05	5.28E-05	5.28E-05	9.09E-06	1.41E-05	0.00E+00	2.93E-10	0.00E+00
Michigan	Dickinson	26043	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.65E-09	2.60E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Dickinson	26043	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	2.13E-08	1.65E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Dickinson	26043	U	Chromium Compounds	2.22E-05	2.22E-05	9.51E-05	1.63E-04	1.70E-04	1.93E-04	4.36E-04	4.36E-04	3.71E-05	1.17E-04	1.26E-05	3.75E-06	0.00E+00
Michigan	Dickinson	26043	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
Michigan	Dickinson	26043	U	1,3-Dichloropropene	8.27E-04	8.27E-04	2.28E-03	1.52E-02	1.78E-02	2.56E-02	4.81E-02	4.81E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Dickinson	26043	U	Diesel Particulate Matter	1.40E-01	1.40E-01	1.61E-01	2.53E-01	2.40E-01	2.61E-01	3.80E-01	3.80E-01	0.00E+00	0.00E+00	9.54E-02	1.44E-01	***
Michigan	Dickinson	26043	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.12E-09	1.39E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Dickinson	26043	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	2.44E-07	2.83E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Dickinson	26043	U	Ethylene Oxide	1.79E-05	1.79E-05	5.48E-05	3.19E-04	4.78E-04	8.07E-04	1.46E-03	1.46E-03	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Dickinson	26043	U	Formaldehyde	3.38E-01	3.38E-01	3.46E-01	4.58E-01	4.38E-01	5.09E-01	5.63E-01	5.63E-01	2.00E-03	1.27E-01	3.14E-02	2.84E-02	2.50E-01
Michigan	Dickinson	26043	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	9.24E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Dickinson	26043	U	Hydrazine	1.55E-10	1.55E-10	2.06E-09	2.52E-08	3.17E-08	3.27E-08	1.15E-07	1.15E-07	0.00E+00	3.17E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Dickinson	26043	U	Lead Compounds	1.07E-04	1.07E-04	4.29E-04	1.61E-03	1.70E-03	2.64E-03	3.67E-03	3.67E-03	7.58E-04	2.62E-04	1.79E-05	6.64E-04	0.00E+00
Michigan	Dickinson	26043	U	Manganese Compounds	6.09E-04	6.09E-04	1.66E-03	2.55E-03	5.67E-03	3.96E-03	2.45E-02	2.45E-02	3.94E-04	5.26E-03	5.25E-06	5.02E-06	0.00E+00
Michigan	Dickinson	26043	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	2.75E-06	1.99E-05	1.74E-07	9.36E-07	1.50E-03
Michigan	Dickinson	26043	U	Methylene Chloride	1.52E-01	1.52E-01	1.55E-01	1.78E-01	1.84E-01	1.96E-01	2.48E-01	2.48E-01	6.85E-06	3.39E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Dickinson	26043	U	Nickel Compounds	1.82E-05	1.82E-05	7.88E-05	1.95E-04	2.04E-04	2.88E-04	4.51E-04	4.51E-04	4.63E-05	1.45E-04	9.75E-06	2.56E-06	0.00E+00
Michigan	Dickinson	26043	U	Perchloroethylene	1.42E-01	1.42E-01	1.44E-01	1.73E-01	1.80E-01	1.95E-01	2.52E-01	2.52E-01	3.48E-06	3.97E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Dickinson	26043	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	1.42E-10	0.00E+00	0.00E+00	3.80E-04
Michigan	Dickinson	26043	U	Polycyclic Organic Matter	5.27E-03	5.27E-03	9.12E-03	4.88E-02	5.84E-02	8.96E-02	1.56E-01	1.56E-01	1.97E-05	5.83E-02	8.86E-05	1.54E-05	0.00E+00
Michigan	Dickinson	26043	U	7-PAH	4.96E-04	4.96E-04	5.10E-04	1.63E-03	1.86E-03	2.87E-03	4.30E-03	4.30E-03	4.11E-11	1.82E-03	3.93E-05	4.22E-06	0.00E+00
Michigan	Dickinson	26043	U	Propylene Dichloride	6.53E-06	6.53E-06	6.72E-06	7.64E-06	8.21E-06	9.33E-06	1.19E-05	1.19E-05	1.21E-07	8.09E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Dickinson	26043	U	Quinoline	1.79E-09	1.79E-09	1.23E-08	8.60E-08	9.15E-08	1.05E-07	2.99E-07	2.99E-07	0.00E+00	9.15E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Dickinson	26043	U	1,1,2,2-Tetrachloroethane	5.56E-05	5.56E-05	5.62E-05	5.98E-05	6.65E-05	6.72E-05	1.07E-04	1.07E-04	1.11E-06	6.54E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Dickinson	26043	U	Trichloroethylene	8.14E-02	8.14E-02	8.27E-02	8.94E-02	8.85E-02	9.09E-02	9.91E-02	9.91E-02	2.08E-06	7.48E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Dickinson	26043	U	Vinyl Chloride	1.40E-04	1.40E-04	1.40E-04	1.54E-04	1.66E-04	1.68E-04	2.64E-04	2.64E-04	2.72E-06	1.64E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	U	Acetaldehyde	1.49E-01	1.64E-01	2.21E-01	2.42E-01	2.45E-01	2.89E-01	3.03E-01	3.09E-01	2.88E-05	1.44E-02	1.77E-01	5.32E-02	0.00E+00
Michigan	Eaton	26045	U	Acrolein	2.08E-02	2.22E-02	2.98E-02	3.31E-02	3.33E-02	3.96E-02	4.11E-02	4.19E-02	6.50E-06	6.44E-03	1.80E-02	8.89E-03	0.00E+00
Michigan	Eaton	26045	U	Acrylonitrile	5.55E-04	5.62E-04	6.06E-04	7.49E-04	7.43E-04	8.05E-04	9.50E-04	1.07E-03	3.43E-05	7.09E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	U	Arsenic Compounds	6.69E-06	7.86E-06	1.41E-05	2.29E-05	2.38E-05	3.67E-05	4.03E-05	4.18E-05	1.01E-05	1.36E-05	1.57E-07	3.63E-09	0.00E+00
Michigan	Eaton	26045	U	Benzene	6.50E-01	6.68E-01	7.48E-01	8.60E-01	8.27E-01	8.87E-01	9.51E-01	9.58E-01	5.22E-03	1.77E-02	2.50E-01	7.42E-02	4.80E-01
Michigan	Eaton	26045	U	Beryllium Compounds	1.29E-06	1.57E-06	4.74E-06	8.67E-06	8.29E-06	1.00E-05	1.61E-05	2.06E-05	5.30E-07	7.76E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	U	1,3-Butadiene	8.37E-03	9.43E-03	1.44E-02	2.67E-02	2.44E-02	3.20E-02	3.69E-02	3.79E-02	2.65E-09	1.09E-03	1.75E-02	5.78E-03	0.00E+00
Michigan	Eaton	26045	U	Cadmium Compounds	4.10E-06	5.07E-06	9.48E-06	1.61E-05	1.48E-05	1.80E-05	2.39E-05	2.92E-05	2.13E-06	1.26E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	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	6.29E-08	7.39E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Eaton	26045	U	Chloroform	8.34E-02	8.35E-02	8.36E-02	8.37E-02	8.37E-02	8.38E-02	8.38E-02	8.39E-02	3.66E-07	6.70E-04	0.		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Eaton	26045	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	9.49E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Eaton	26045	U	Hydrazine	1.30E-09	1.62E-09	4.18E-09	1.53E-08	2.15E-08	3.11E-08	5.02E-08	7.53E-08	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	U	Lead Compounds	2.34E-04	3.12E-04	4.87E-04	8.84E-04	9.98E-04	1.42E-03	1.94E-03	2.10E-03	1.43E-05	7.77E-04	1.38E-05	1.93E-04	0.00E+00
Michigan	Eaton	26045	U	Manganese Compounds	7.63E-05	1.11E-04	1.98E-04	3.98E-04	9.42E-04	1.63E-03	2.40E-03	2.92E-03	7.60E-04	1.55E-04	4.01E-06	2.30E-05	0.00E+00
Michigan	Eaton	26045	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	3.69E-06	4.04E-05	1.35E-07	5.50E-06	1.50E-03
Michigan	Eaton	26045	U	Methylene Chloride	1.75E-01	1.80E-01	2.02E-01	2.51E-01	2.52E-01	3.09E-01	3.28E-01	3.43E-01	2.56E-03	9.93E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Eaton	26045	U	Nickel Compounds	7.46E-05	8.83E-05	1.62E-04	3.06E-04	3.18E-04	4.79E-04	6.25E-04	6.61E-04	2.97E-05	2.70E-04	7.70E-06	1.02E-05	0.00E+00
Michigan	Eaton	26045	U	Perchloroethylene	1.48E-01	1.49E-01	1.57E-01	1.69E-01	1.68E-01	1.81E-01	1.84E-01	1.86E-01	6.24E-05	2.75E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Eaton	26045	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
Michigan	Eaton	26045	U	Polycyclic Organic Matter	1.11E-02	1.19E-02	2.11E-02	4.34E-02	3.99E-02	5.38E-02	6.85E-02	7.13E-02	6.14E-04	3.92E-02	7.11E-05	3.08E-05	0.00E+00
Michigan	Eaton	26045	U	7-PAH	2.90E-04	3.14E-04	4.86E-04	8.44E-04	7.78E-04	9.90E-04	1.24E-03	1.28E-03	9.53E-09	7.32E-04	3.16E-05	1.43E-05	0.00E+00
Michigan	Eaton	26045	U	Propylene Dichloride	3.31E-05	3.38E-05	3.65E-05	4.52E-05	4.48E-05	4.84E-05	5.70E-05	6.43E-05	2.08E-06	4.28E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	U	Quinoline	1.86E-08	1.98E-08	3.37E-08	7.40E-08	8.19E-08	1.01E-07	1.69E-07	2.31E-07	0.00E+00	8.19E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	U	1,1,2,2-Tetrachloroethane	2.94E-04	2.97E-04	3.21E-04	3.98E-04	3.96E-04	4.33E-04	5.08E-04	5.76E-04	1.90E-05	3.77E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Eaton	26045	U	Trichloroethylene	8.40E-02	8.54E-02	9.27E-02	1.12E-01	1.09E-01	1.29E-01	1.32E-01	1.33E-01	1.82E-02	1.02E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Eaton	26045	U	Vinyl Chloride	7.56E-04	7.73E-04	1.10E-03	1.15E-03	1.19E-03	1.30E-03	1.69E-03	1.80E-03	4.69E-05	1.15E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Emmet	26047	R	Acetaldehyde	7.58E-02	7.58E-02	9.93E-02	1.33E-01	1.35E-01	1.73E-01	1.90E-01	1.90E-01	6.16E-04	1.41E-02	4.28E-02	7.72E-02	0.00E+00
Michigan	Emmet	26047	R	Acrolein	2.77E-02	2.77E-02	3.36E-02	4.13E-02	3.98E-02	4.68E-02	4.77E-02	4.77E-02	2.06E-07	1.71E-02	5.55E-03	1.72E-02	0.00E+00
Michigan	Emmet	26047	R	Acrylonitrile	2.48E-04	2.48E-04	2.95E-04	3.40E-04	3.29E-04	3.67E-04	3.81E-04	3.81E-04	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Emmet	26047	R	Arsenic Compounds	2.22E-06	2.22E-06	3.18E-06	9.01E-06	1.32E-05	2.34E-05	3.20E-05	3.20E-05	3.10E-07	1.20E-05	2.23E-07	5.90E-07	0.00E+00
Michigan	Emmet	26047	R	Benzene	7.16E-01	7.16E-01	7.69E-01	8.37E-01	8.45E-01	9.28E-01	9.77E-01	9.77E-01	1.06E-06	3.71E-02	8.74E-02	2.41E-01	4.80E-01
Michigan	Emmet	26047	R	Beryllium Compounds	3.01E-07	3.01E-07	4.05E-07	1.51E-06	2.67E-06	5.10E-06	7.02E-06	7.02E-06	1.79E-08	2.65E-06	0.00E+00	4.25E-09	0.00E+00
Michigan	Emmet	26047	R	1,3-Butadiene	1.20E-02	1.20E-02	1.44E-02	2.02E-02	2.20E-02	3.02E-02	3.44E-02	3.44E-02	0.00E+00	5.03E-03	7.46E-03	9.49E-03	0.00E+00
Michigan	Emmet	26047	R	Cadmium Compounds	3.25E-06	3.25E-06	3.42E-06	5.58E-06	7.39E-06	1.15E-05	1.48E-05	1.48E-05	4.10E-08	7.29E-06	0.00E+00	5.90E-08	0.00E+00
Michigan	Emmet	26047	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.50E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Emmet	26047	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.84E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Emmet	26047	R	Chromium Compounds	1.31E-05	1.31E-05	1.64E-05	3.05E-05	4.39E-05	7.53E-05	9.34E-05	9.34E-05	2.00E-07	1.71E-05	1.36E-05	1.29E-05	0.00E+00
Michigan	Emmet	26047	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
Michigan	Emmet	26047	R	1,3-Dichloropropene	1.72E-03	1.72E-03	3.06E-03	7.37E-03	1.50E-02	2.99E-02	3.76E-02	3.76E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Emmet	26047	R	Diesel Particulate Matter	1.62E-01	1.62E-01	1.86E-01	2.61E-01	2.95E-01	4.08E-01	4.85E-01	4.85E-01	0.00E+00	0.00E+00	1.16E-01	1.79E-01	***
Michigan	Emmet	26047	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	1.80E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Emmet	26047	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	3.25E-08	4.08E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Emmet	26047	R	Ethylene Oxide	1.02E-04	1.02E-04	1.27E-04	3.55E-04	9.63E-04	2.02E-03	2.60E-03	2.60E-03	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Emmet	26047	R	Formaldehyde	3.70E-01	3.70E-01	4.02E-01	4.59E-01	4.58E-01	5.15E-01	5.41E-01	5.41E-01	2.96E-04	6.75E-02	4.93E-02	9.08E-02	2.50E-01
Michigan	Emmet	26047	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.76E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Emmet	26047	R	Hydrazine	0.00E+00	0.00E+00	2.88E-14	3.17E-12	3.45E-12	6.08E-12	9.05E-12	9.05E-12	0.00E+00	3.45E-12	0.00E+00	0.00E+00	0.00E+00
Michigan	Emmet	26047	R	Lead Compounds	9.64E-05	9.64E-05	1.41E-04	1.67E-04	2.53E-04	2.34E-04	8.43E-04	8.43E-04	3.26E-07	8.12E-05	1.92E-05	1.52E-04	0.00E+00
Michigan	Emmet	26047	R	Manganese Compounds	1.36E-05	1.36E-05	2.25E-05	7.04E-05	7.04E-05	1.13E-04	1.37E-04	1.37E-04	3.75E-07	5.14E-05	5.63E-06	1.30E-05	0.00E+00
Michigan	Emmet	26047	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.56E-03	6.95E-08	3.79E-05	1.89E-07	2.84E-06	1.50E-03
Michigan	Emmet	26047	R	Methylene Chloride	1.55E-01	1.55E-01	1.56E-01	1.68E-01	1.82E-01	2.12E-01	2.33E-01	2.33E-01	2.27E-07	3.24E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Emmet	26047	R	Nickel Compounds	3.39E-05	3.39E-05	3.68E-05	6.89E-05	1.30E-04	2.42E-04	3.06E-04	3.06E-04	2.12E-07	9.57E-05	1.06E-05	2.30E-05	0.00E+00
Michigan	Emmet	26047	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.49E-01	1.53E-01	1.63E-01	1.71E-01	1.71E-01	3.37E-08	1.27E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Emmet	26047	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
Michigan	Emmet	26047	R	Polycyclic Organic Matter	8.34E-03	8.34E-03	1.37E-02	3.04E-02	5.49E-02	1.05E-01	1.32E-01	1.32E-01	2.08E-08	5.46E-02	9.61E-05	1.33E-04	0.00E+00
Michigan	Emmet	26047	R	7-PAH	4.74E-04	4.74E-04	6.42E-04	1.14E-03	1.53E-03	2.54E-03	3.10E-03	3.10E-03	3.63E-10	1.42E-03	4.27E-05	6.76E-05	0.00E+00
Michigan	Emmet	26047	R	Propylene Dichloride	1.48E-05	1.48E-05	1.77E-05	2.04E-05	1.97E-05	2.20E-05	2.28E-05	2.28E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Emmet	26047	R	Quinoline	0.00E+00	0.00E+00	8.31E-13	8.54E-11	8.92E-11	1.56E-10	2.28E-10	2.28E-10	0.00E+00	8.92E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Emmet	26047	R	1,1,2,2-Tetrachloroethane	1.34E-04	1.34E-04	1.60E-04	1.84E-04	1.78E-04	1.99E-04	2.06E-04	2.06E-04					

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Genesee	26049	U	Acrylonitrile	3.51E-03	3.66E-03	4.04E-03	4.43E-03	5.12E-03	5.20E-03	6.06E-03	6.92E-03	3.85E-03	1.27E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Genesee	26049	U	Arsenic Compounds	1.12E-05	1.46E-05	2.36E-05	4.26E-05	4.30E-05	5.47E-05	6.91E-05	8.35E-05	6.36E-08	4.24E-05	4.96E-07	1.01E-08	0.00E+00
Michigan	Genesee	26049	U	Benzene	1.40E+00	1.45E+00	1.64E+00	1.77E+00	1.81E+00	1.98E+00	2.24E+00	2.30E+00	1.25E-02	2.44E-02	7.03E-01	5.91E-01	4.80E-01
Michigan	Genesee	26049	U	Beryllium Compounds	4.10E-06	5.33E-06	8.99E-06	1.70E-05	1.74E-05	2.22E-05	2.98E-05	3.43E-05	2.88E-09	1.74E-05	0.00E+00	1.25E-12	0.00E+00
Michigan	Genesee	26049	U	1,3-Butadiene	4.74E-02	5.02E-02	6.50E-02	8.30E-02	8.82E-02	1.10E-01	1.32E-01	1.45E-01	0.00E+00	4.77E-04	5.18E-02	3.59E-02	0.00E+00
Michigan	Genesee	26049	U	Cadmium Compounds	1.71E-05	1.86E-05	2.47E-05	3.25E-05	3.51E-05	4.12E-05	4.98E-05	5.49E-05	3.11E-08	3.50E-05	0.00E+00	1.73E-11	0.00E+00
Michigan	Genesee	26049	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	7.06E-06	2.84E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Genesee	26049	U	Chloroform	8.44E-02	8.45E-02	8.47E-02	8.48E-02	8.50E-02	8.52E-02	8.54E-02	8.58E-02	4.11E-05	2.01E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Genesee	26049	U	Chromium Compounds	3.06E-04	3.92E-04	4.71E-04	5.70E-04	6.41E-04	6.75E-04	8.84E-04	1.20E-03	9.04E-05	4.65E-04	3.20E-05	5.43E-05	0.00E+00
Michigan	Genesee	26049	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
Michigan	Genesee	26049	U	1,3-Dichloropropene	2.24E-02	2.61E-02	4.39E-02	6.50E-02	6.63E-02	7.87E-02	1.07E-01	1.30E-01	0.00E+00	6.63E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Genesee	26049	U	Diesel Particulate Matter	1.26E+00	1.36E+00	1.44E+00	1.58E+00	1.65E+00	1.78E+00	1.88E+00	2.02E+00	0.00E+00	0.00E+00	6.95E-01	9.51E-01	***
Michigan	Genesee	26049	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	2.16E-06	7.68E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Genesee	26049	U	Ethylene Dichloride	6.14E-02	6.14E-02	6.15E-02	6.15E-02	6.16E-02	6.16E-02	6.17E-02	6.18E-02	4.65E-04	1.50E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Genesee	26049	U	Ethylene Oxide	5.68E-04	6.55E-04	1.07E-03	1.57E-03	1.77E-03	2.22E-03	3.03E-03	3.57E-03	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Genesee	26049	U	Formaldehyde	7.50E-01	7.87E-01	8.53E-01	9.17E-01	9.50E-01	1.01E+00	1.10E+00	1.17E+00	7.19E-04	3.97E-02	3.90E-01	2.69E-01	2.50E-01
Michigan	Genesee	26049	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.47E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Genesee	26049	U	Hydrazine	2.83E-09	4.95E-09	9.65E-09	1.76E-08	3.40E-08	3.58E-08	8.10E-08	1.21E-07	0.00E+00	3.40E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Genesee	26049	U	Lead Compounds	3.15E-04	3.67E-04	4.71E-04	5.84E-04	6.36E-04	7.24E-04	8.38E-04	9.54E-04	6.19E-05	3.53E-04	4.47E-05	1.76E-04	0.00E+00
Michigan	Genesee	26049	U	Manganese Compounds	3.48E-04	4.03E-04	7.69E-04	1.67E-03	1.66E-03	2.01E-03	2.60E-03	3.47E-03	5.46E-04	1.05E-03	1.30E-05	6.04E-05	0.00E+00
Michigan	Genesee	26049	U	Mercury Compounds	1.64E-03	1.65E-03	1.67E-03	1.68E-03	1.71E-03	1.71E-03	1.74E-03	1.76E-03	1.29E-06	1.88E-04	4.26E-07	1.53E-05	1.50E-03
Michigan	Genesee	26049	U	Methylene Chloride	2.19E-01	2.39E-01	2.74E-01	3.56E-01	3.74E-01	4.12E-01	5.19E-01	6.05E-01	1.38E-02	2.10E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Genesee	26049	U	Nickel Compounds	3.55E-04	4.25E-04	6.00E-04	7.55E-04	8.95E-04	9.48E-04	1.51E-03	1.78E-03	8.60E-05	7.58E-04	2.49E-05	2.63E-05	0.00E+00
Michigan	Genesee	26049	U	Perchloroethylene	1.71E-01	1.78E-01	2.00E-01	2.28E-01	2.32E-01	2.62E-01	2.82E-01	3.03E-01	7.03E-03	8.49E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Genesee	26049	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
Michigan	Genesee	26049	U	Polycyclic Organic Matter	3.06E-02	3.53E-02	5.34E-02	7.90E-02	8.05E-02	9.45E-02	1.27E-01	1.51E-01	3.09E-04	7.96E-02	2.28E-04	3.27E-04	0.00E+00
Michigan	Genesee	26049	U	7-PAH	8.81E-04	9.88E-04	1.31E-03	1.69E-03	1.77E-03	2.05E-03	2.77E-03	3.00E-03	8.63E-10	1.50E-03	1.01E-04	1.67E-04	0.00E+00
Michigan	Genesee	26049	U	Propylene Dichloride	2.12E-04	2.21E-04	2.43E-04	2.67E-04	3.08E-04	3.13E-04	3.64E-04	4.16E-04	2.33E-04	7.51E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Genesee	26049	U	Quinoline	3.79E-08	5.14E-08	7.21E-08	1.00E-07	1.36E-07	1.41E-07	2.64E-07	3.48E-07	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Genesee	26049	U	1,1,2,2-Tetrachloroethane	1.91E-03	1.99E-03	2.20E-03	2.41E-03	2.79E-03	2.84E-03	3.30E-03	3.77E-03	2.14E-03	6.51E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Genesee	26049	U	Trichloroethylene	9.62E-02	9.67E-02	1.03E-01	1.11E-01	1.13E-01	1.18E-01	1.29E-01	1.38E-01	1.03E-02	2.16E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Genesee	26049	U	Vinyl Chloride	4.74E-03	4.96E-03	5.46E-03	6.00E-03	6.91E-03	7.03E-03	8.17E-03	9.31E-03	5.26E-03	1.65E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Gladwin	26051	R	Acetaldehyde	5.03E-02	5.03E-02	5.82E-02	7.06E-02	6.81E-02	7.96E-02	8.55E-02	8.55E-02	2.74E-07	1.18E-02	3.74E-02	1.89E-02	0.00E+00
Michigan	Gladwin	26051	R	Acrolein	1.66E-02	1.66E-02	2.23E-02	2.35E-02	2.35E-02	2.43E-02	3.37E-02	3.37E-02	2.66E-03	1.34E-02	4.44E-03	3.05E-03	0.00E+00
Michigan	Gladwin	26051	R	Acrylonitrile	5.33E-04	5.33E-04	6.67E-04	2.09E-03	1.96E-03	2.96E-03	4.07E-03	4.07E-03	1.27E-03	6.87E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Gladwin	26051	R	Arsenic Compounds	3.19E-06	3.19E-06	4.63E-06	6.83E-06	6.56E-06	8.11E-06	1.10E-05	1.10E-05	3.24E-07	6.13E-06	1.06E-07	7.63E-10	0.00E+00
Michigan	Gladwin	26051	R	Benzene	5.61E-01	5.61E-01	5.78E-01	5.83E-01	5.87E-01	5.88E-01	6.32E-01	6.32E-01	4.55E-04	2.84E-02	5.25E-02	2.62E-02	4.80E-01
Michigan	Gladwin	26051	R	Beryllium Compounds	2.73E-07	2.73E-07	4.42E-07	7.45E-07	7.12E-07	9.24E-07	1.20E-06	1.20E-06	1.46E-07	5.66E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Gladwin	26051	R	1,3-Butadiene	5.14E-03	5.14E-03	6.53E-03	7.98E-03	9.03E-03	1.11E-02	1.61E-02	1.61E-02	2.37E-04	4.43E-03	3.38E-03	9.77E-04	0.00E+00
Michigan	Gladwin	26051	R	Cadmium Compounds	3.02E-06	3.02E-06	5.19E-06	8.81E-06	8.14E-06	1.03E-05	1.44E-05	1.44E-05	1.56E-07	7.98E-06	0.00E+00	0.00E+00	0

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Gladwin	26051	R	Lead Compounds	3.32E-05	3.32E-05	5.06E-05	9.61E-05	8.88E-05	1.26E-04	1.46E-04	1.46E-04	4.53E-06	7.13E-05	9.02E-06	3.99E-06	0.00E+00
Michigan	Gladwin	26051	R	Manganese Compounds	9.31E-06	9.31E-06	2.76E-05	4.22E-05	3.99E-05	5.31E-05	7.61E-05	7.61E-05	1.33E-06	2.97E-05	2.63E-06	6.21E-06	0.00E+00
Michigan	Gladwin	26051	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	2.53E-07	1.42E-05	8.87E-08	1.61E-06	1.50E-03
Michigan	Gladwin	26051	R	Methylene Chloride	1.59E-01	1.59E-01	1.60E-01	1.64E-01	1.65E-01	1.65E-01	1.80E-01	1.80E-01	9.99E-04	1.41E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Gladwin	26051	R	Nickel Compounds	2.84E-05	2.84E-05	3.44E-05	3.89E-05	4.51E-05	4.26E-05	1.07E-04	1.07E-04	3.33E-07	3.71E-05	5.08E-06	2.65E-06	0.00E+00
Michigan	Gladwin	26051	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.45E-01	1.48E-01	1.48E-01	2.51E-08	4.58E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Gladwin	26051	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
Michigan	Gladwin	26051	R	Polycyclic Organic Matter	1.26E-02	1.26E-02	1.42E-02	2.06E-02	2.13E-02	2.55E-02	3.54E-02	3.54E-02	1.33E-08	2.13E-02	4.66E-05	1.33E-05	0.00E+00
Michigan	Gladwin	26051	R	7-PAH	5.15E-04	5.15E-04	6.30E-04	7.42E-04	7.64E-04	8.03E-04	1.09E-03	1.09E-03	2.54E-10	7.37E-04	2.07E-05	6.72E-06	0.00E+00
Michigan	Gladwin	26051	R	Propylene Dichloride	3.22E-05	3.22E-05	3.37E-05	4.06E-05	4.17E-05	4.23E-05	6.92E-05	6.92E-05	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Gladwin	26051	R	Quinoline	5.26E-09	5.26E-09	1.51E-08	5.96E-08	4.91E-08	6.50E-08	1.07E-07	1.07E-07	0.00E+00	4.91E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Gladwin	26051	R	1,1,2,2-Tetrachloroethane	2.92E-04	2.92E-04	3.07E-04	3.65E-04	3.76E-04	3.79E-04	6.24E-04	6.24E-04	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Gladwin	26051	R	Trichloroethylene	8.19E-02	8.19E-02	8.21E-02	8.26E-02	8.26E-02	8.28E-02	8.40E-02	8.40E-02	0.00E+00	1.59E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Gladwin	26051	R	Vinyl Chloride	7.58E-04	7.58E-04	8.70E-04	1.01E-03	1.05E-03	1.11E-03	1.72E-03	1.72E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Gogebic	26053	R	Acetaldehyde	4.30E-02	4.30E-02	4.78E-02	6.95E-02	9.75E-02	1.15E-01	2.36E-01	2.36E-01	4.74E-08	3.35E-02	2.11E-02	4.30E-02	0.00E+00
Michigan	Gogebic	26053	R	Acrolein	1.90E-02	1.90E-02	2.27E-02	3.89E-02	5.26E-02	6.42E-02	1.31E-01	1.31E-01	2.41E-08	4.34E-02	2.68E-03	6.51E-03	0.00E+00
Michigan	Gogebic	26053	R	Acrylonitrile	1.01E-04	1.01E-04	1.27E-04	1.40E-04	1.65E-04	2.03E-04	2.74E-04	2.74E-04	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Gogebic	26053	R	Arsenic Compounds	4.92E-07	4.92E-07	2.46E-06	3.50E-06	1.35E-05	1.90E-05	5.46E-05	5.46E-05	3.70E-08	1.34E-05	9.35E-08	8.45E-10	0.00E+00
Michigan	Gogebic	26053	R	Benzene	5.82E-01	5.82E-01	6.00E-01	6.30E-01	6.95E-01	7.29E-01	9.68E-01	9.68E-01	1.37E-07	9.90E-02	4.53E-02	7.04E-02	4.80E-01
Michigan	Gogebic	26053	R	Beryllium Compounds	4.48E-08	4.48E-08	2.35E-07	3.19E-07	1.23E-06	1.85E-06	4.89E-06	4.89E-06	1.95E-09	1.22E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Gogebic	26053	R	1,3-Butadiene	7.08E-03	7.08E-03	9.35E-03	1.55E-02	3.08E-02	3.47E-02	9.99E-02	9.99E-02	0.00E+00	2.36E-02	3.84E-03	3.36E-03	0.00E+00
Michigan	Gogebic	26053	R	Cadmium Compounds	5.10E-07	5.10E-07	1.36E-06	1.62E-06	5.02E-06	7.65E-06	1.80E-05	1.80E-05	4.84E-09	5.02E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Gogebic	26053	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
Michigan	Gogebic	26053	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.33E-02	0.00E+00	9.84E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Gogebic	26053	R	Chromium Compounds	4.03E-06	4.03E-06	1.44E-05	1.87E-05	5.32E-05	8.67E-05	1.89E-04	1.89E-04	2.43E-08	3.53E-05	6.64E-06	1.13E-05	0.00E+00
Michigan	Gogebic	26053	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
Michigan	Gogebic	26053	R	1,3-Dichloropropene	4.19E-04	4.19E-04	1.70E-03	2.64E-03	9.57E-03	1.54E-02	3.80E-02	3.80E-02	0.00E+00	9.57E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Gogebic	26053	R	Diesel Particulate Matter	1.37E-01	1.37E-01	1.49E-01	1.64E-01	2.03E-01	2.34E-01	3.47E-01	3.47E-01	0.00E+00	0.00E+00	7.51E-02	1.28E-01	***
Michigan	Gogebic	26053	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	9.26E-08	0.00E+00	0.00E+00	7.70E-03
Michigan	Gogebic	26053	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	4.21E-09	2.94E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Gogebic	26053	R	Ethylene Oxide	7.94E-06	7.94E-06	2.84E-05	5.51E-05	2.21E-04	2.21E-04	9.87E-04	9.87E-04	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Gogebic	26053	R	Formaldehyde	3.32E-01	3.32E-01	3.45E-01	4.22E-01	5.21E-01	5.74E-01	1.05E+00	1.05E+00	2.60E-08	1.93E-01	2.26E-02	5.59E-02	2.50E-01
Michigan	Gogebic	26053	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.92E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Gogebic	26053	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
Michigan	Gogebic	26053	R	Lead Compounds	9.68E-06	9.68E-06	6.56E-05	2.03E-04	1.93E-04	2.81E-04	4.42E-04	4.42E-04	3.97E-08	5.81E-05	9.44E-06	1.26E-04	0.00E+00
Michigan	Gogebic	26053	R	Manganese Compounds	1.97E-05	1.97E-05	1.06E-04	2.13E-04	8.42E-04	9.30E-04	3.62E-03	3.62E-03	4.53E-08	8.28E-04	2.73E-06	1.15E-05	0.00E+00
Michigan	Gogebic	26053	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	8.74E-09	7.86E-06	8.80E-08	3.25E-06	1.50E-03
Michigan	Gogebic	26053	R	Methylene Chloride	1.51E-01	1.51E-01	1.53E-01	1.56E-01	1.68E-01	1.78E-01	2.17E-01	2.17E-01	2.53E-08	1.84E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Gogebic	26053	R	Nickel Compounds	5.36E-06	5.36E-06	1.96E-05	2.55E-05	8.62E-05	1.56E-04	2.78E-04	2.78E-04	2.53E-08	7.62E-05	5.08E-06	4.89E-06	0.00E+00
Michigan	Gogebic	26053	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.48E-01	1.51E-01	1.69E-01	1.69E-01	4.20E-09	7.51E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Gogebic	26053	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	2.76E-11	0.00E+00	0.00E+00	3.80E-04
Michigan	Gogebic	26053	R	Polycyclic Organic Matter	2.91E-03	2.91E-03	8.07E-03	1.46E-02	4.18E-02	6.15E-02	1.61E-01	1.61E-01	1.93E-09	4.18E-02	4.66E-05	3.79E-05	0.00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Grand Traverse	26055	R	Benzene	8.50E-01	8.83E-01	9.20E-01	9.86E-01	1.03E+00	1.08E+00	1.27E+00	1.32E+00	1.62E-03	6.75E-02	1.58E-01	3.21E-01	4.80E-01
Michigan	Grand Traverse	26055	R	Beryllium Compounds	4.82E-07	6.18E-07	1.01E-06	1.57E-06	4.02E-06	6.09E-06	7.11E-06	1.98E-05	0.00E+00	4.02E-06	0.00E+00	3.84E-13	0.00E+00
Michigan	Grand Traverse	26055	R	1,3-Butadiene	2.18E-02	2.26E-02	2.63E-02	3.00E-02	3.52E-02	4.39E-02	5.35E-02	7.06E-02	0.00E+00	3.51E-03	1.24E-02	1.93E-02	0.00E+00
Michigan	Grand Traverse	26055	R	Cadmium Compounds	4.35E-06	4.56E-06	4.99E-06	6.29E-06	1.07E-05	1.52E-05	1.61E-05	3.84E-05	0.00E+00	1.07E-05	0.00E+00	5.32E-12	0.00E+00
Michigan	Grand Traverse	26055	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.25E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Grand Traverse	26055	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.36E-02	8.37E-02	0.00E+00	4.20E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Grand Traverse	26055	R	Chromium Compounds	3.71E-05	3.88E-05	4.84E-05	7.67E-05	1.30E-04	1.82E-04	2.44E-04	5.26E-04	0.00E+00	9.18E-05	2.38E-05	1.48E-05	0.00E+00
Michigan	Grand Traverse	26055	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
Michigan	Grand Traverse	26055	R	1,3-Dichloropropene	4.41E-03	6.04E-03	9.60E-03	1.33E-02	2.46E-02	3.57E-02	4.86E-02	7.85E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Grand Traverse	26055	R	Diesel Particulate Matter	3.93E-01	4.20E-01	4.29E-01	4.94E-01	5.58E-01	5.99E-01	7.50E-01	1.21E+00	0.00E+00	0.00E+00	2.18E-01	3.40E-01	***
Michigan	Grand Traverse	26055	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	2.45E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Grand Traverse	26055	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	5.52E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Grand Traverse	26055	R	Ethylene Oxide	1.58E-04	1.81E-04	2.78E-04	5.51E-04	2.15E-03	3.36E-03	3.87E-03	1.31E-02	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Grand Traverse	26055	R	Formaldehyde	4.36E-01	4.60E-01	4.88E-01	5.26E-01	5.55E-01	5.65E-01	7.19E-01	8.60E-01	8.38E-04	6.12E-02	9.14E-02	1.52E-01	2.50E-01
Michigan	Grand Traverse	26055	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	3.08E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Grand Traverse	26055	R	Hydrazine	0.00E+00	0.00E+00	7.73E-12	9.81E-12	1.63E-11	2.48E-11	4.21E-11	5.72E-11	0.00E+00	1.63E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Grand Traverse	26055	R	Lead Compounds	1.34E-04	1.81E-04	2.21E-04	7.00E-04	2.12E-03	1.64E-03	9.66E-03	1.23E-02	0.00E+00	1.94E-04	3.34E-05	1.89E-03	0.00E+00
Michigan	Grand Traverse	26055	R	Manganese Compounds	2.20E-05	2.28E-05	2.96E-05	4.46E-05	6.17E-05	8.71E-05	9.27E-05	1.98E-04	0.00E+00	3.57E-05	9.79E-06	1.62E-05	0.00E+00
Michigan	Grand Traverse	26055	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	1.59E-03	1.65E-03	0.00E+00	5.46E-05	3.29E-07	4.19E-06	1.50E-03
Michigan	Grand Traverse	26055	R	Methylene Chloride	1.59E-01	1.61E-01	1.67E-01	1.75E-01	2.19E-01	2.55E-01	2.73E-01	5.06E-01	0.00E+00	6.92E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Grand Traverse	26055	R	Nickel Compounds	3.47E-05	3.72E-05	5.46E-05	9.61E-05	2.47E-04	3.48E-04	5.16E-04	1.33E-03	0.00E+00	2.21E-04	1.85E-05	7.00E-06	0.00E+00
Michigan	Grand Traverse	26055	R	Perchloroethylene	1.47E-01	1.49E-01	1.55E-01	1.62E-01	1.89E-01	2.13E-01	2.28E-01	3.44E-01	0.00E+00	4.92E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Grand Traverse	26055	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
Michigan	Grand Traverse	26055	R	Polycyclic Organic Matter	1.89E-02	2.57E-02	3.67E-02	5.17E-02	8.73E-02	1.24E-01	1.66E-01	2.67E-01	0.00E+00	8.70E-02	1.69E-04	1.95E-04	0.00E+00
Michigan	Grand Traverse	26055	R	7-PAH	7.46E-04	1.03E-03	1.25E-03	1.40E-03	2.26E-03	3.11E-03	3.89E-03	6.04E-03	0.00E+00	2.10E-03	7.50E-05	9.02E-05	0.00E+00
Michigan	Grand Traverse	26055	R	Propylene Dichloride	2.14E-05	2.15E-05	2.24E-05	2.57E-05	2.70E-05	2.92E-05	3.67E-05	3.84E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Grand Traverse	26055	R	Quinoline	0.00E+00	0.00E+00	2.06E-10	2.50E-10	4.08E-10	6.19E-10	1.04E-09	1.35E-09	0.00E+00	4.08E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Grand Traverse	26055	R	1,1,2,2-Tetrachloroethane	1.93E-04	1.93E-04	2.01E-04	2.30E-04	2.42E-04	2.62E-04	3.32E-04	3.44E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Grand Traverse	26055	R	Trichloroethylene	8.35E-02	8.47E-02	8.60E-02	8.69E-02	9.90E-02	1.05E-01	1.15E-01	1.81E-01	5.42E-04	1.74E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Grand Traverse	26055	R	Vinyl Chloride	4.74E-04	4.75E-04	4.95E-04	5.67E-04	5.97E-04	6.45E-04	8.18E-04	8.47E-04	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Gratiot	26057	R	Acetaldehyde	8.07E-02	8.07E-02	9.96E-02	1.03E-01	1.08E-01	1.19E-01	1.37E-01	1.37E-01	1.38E-08	1.52E-02	6.46E-02	2.80E-02	0.00E+00
Michigan	Gratiot	26057	R	Acrolein	1.28E-02	1.28E-02	1.68E-02	1.85E-02	1.97E-02	2.30E-02	2.67E-02	2.67E-02	3.44E-03	4.70E-03	7.71E-03	3.80E-03	0.00E+00
Michigan	Gratiot	26057	R	Acrylonitrile	4.08E-04	4.08E-04	2.11E-03	2.33E-03	2.23E-03	2.53E-03	4.92E-03	4.92E-03	1.75E-03	4.78E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Gratiot	26057	R	Arsenic Compounds	2.94E-06	2.94E-06	4.83E-06	9.75E-06	1.14E-05	1.52E-05	2.51E-05	2.51E-05	1.07E-07	1.10E-05	2.39E-07	1.87E-09	0.00E+00
Michigan	Gratiot	26057	R	Benzene	5.75E-01	5.75E-01	5.78E-01	5.92E-01	6.33E-01	6.62E-01	7.62E-01	7.62E-01	1.07E-03	3.33E-02	9.89E-02	1.93E-02	4.80E-01
Michigan	Gratiot	26057	R	Beryllium Compounds	6.11E-07	6.11E-07	6.88E-07	1.34E-06	2.41E-06	3.22E-06	6.07E-06	6.07E-06	1.40E-07	2.27E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Gratiot	26057	R	1,3-Butadiene	4.46E-03	4.46E-03	5.29E-03	6.16E-03	9.23E-03	1.15E-02	1.95E-02	1.95E-02	4.33E-04	7.11E-04	6.95E-03	1.13E-03	0.00E+00
Michigan	Gratiot	26057	R	Cadmium Compounds	4.14E-06	4.14E-06	7.75E-06	1.27E-05	1.28E-05	1.88E-05	2.05E-05	2.05E-05	1.32E-07	1.27E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Gratiot	26057	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	1.08E-04	3.73E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Gratiot	26057	R	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	9.48E-08	2.80E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Gratiot	26057	R	Chromium Compounds													

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																		
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																		
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	
Michigan	Gratiot	26057	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.56E-03	1.68E-07	3.66E-05	2.07E-07	3.29E-06	1.50E-03	
Michigan	Gratiot	26057	R	Methylene Chloride	1.61E-01	1.61E-01	1.63E-01	1.67E-01	1.93E-01	2.07E-01	2.67E-01	2.67E-01	3.10E-05	4.28E-02	0.00E+00	0.00E+00	1.50E-01	
Michigan	Gratiot	26057	R	Nickel Compounds	9.62E-05	9.62E-05	1.01E-04	1.46E-04	1.98E-04	2.09E-04	4.04E-04	4.04E-04	2.85E-05	1.53E-04	1.16E-05	5.28E-06	0.00E+00	
Michigan	Gratiot	26057	R	Perchloroethylene	1.45E-01	1.45E-01	1.45E-01	1.48E-01	1.57E-01	1.62E-01	1.84E-01	1.84E-01	1.58E-05	1.69E-02	0.00E+00	0.00E+00	1.40E-01	
Michigan	Gratiot	26057	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	
Michigan	Gratiot	26057	R	Polycyclic Organic Matter	8.78E-03	8.78E-03	1.34E-02	1.52E-02	2.52E-02	3.26E-02	5.70E-02	5.70E-02	5.08E-05	2.50E-02	1.07E-04	7.50E-06	0.00E+00	
Michigan	Gratiot	26057	R	7-PAH	2.48E-04	2.48E-04	3.21E-04	3.82E-04	5.10E-04	6.19E-04	9.80E-04	9.80E-04	9.91E-12	4.59E-04	4.74E-05	3.47E-06	0.00E+00	
Michigan	Gratiot	26057	R	Propylene Dichloride	2.45E-05	2.45E-05	2.60E-05	2.88E-05	2.99E-05	3.08E-05	4.19E-05	4.19E-05	5.38E-07	2.93E-05	0.00E+00	0.00E+00	0.00E+00	
Michigan	Gratiot	26057	R	Quinoline	1.00E-08	1.00E-08	2.08E-08	1.03E-07	1.18E-07	1.63E-07	2.89E-07	2.89E-07	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	
Michigan	Gratiot	26057	R	1,1,2,2-Tetrachloroethane	2.19E-04	2.19E-04	2.31E-04	2.47E-04	2.60E-04	2.54E-04	3.70E-04	3.70E-04	4.93E-06	2.55E-04	0.00E+00	0.00E+00	0.00E+00	
Michigan	Gratiot	26057	R	Trichloroethylene	9.72E-02	9.72E-02	1.06E-01	1.16E-01	1.14E-01	1.19E-01	1.36E-01	1.36E-01	2.55E-02	7.58E-03	0.00E+00	0.00E+00	8.10E-02	
Michigan	Gratiot	26057	R	Vinyl Chloride	5.66E-04	5.66E-04	6.71E-04	7.63E-04	7.53E-04	7.68E-04	1.17E-03	1.17E-03	1.21E-05	7.41E-04	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	Acetaldehyde	9.35E-02	9.94E-02	1.03E-01	1.17E-01	1.21E-01	1.27E-01	1.55E-01	1.77E-01	3.68E-06	9.12E-03	8.47E-02	2.73E-02	0.00E+00	
Michigan	Hillsdale	26059	R	Acrolein	1.36E-02	1.51E-02	1.60E-02	1.79E-02	1.93E-02	2.01E-02	2.63E-02	3.31E-02	2.77E-07	4.42E-03	1.00E-02	4.88E-03	0.00E+00	
Michigan	Hillsdale	26059	R	Acrylonitrile	4.87E-04	5.49E-04	5.80E-04	6.71E-04	6.78E-04	7.66E-04	7.96E-04	9.14E-04	2.00E-05	6.58E-04	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	Arsenic Compounds	5.24E-06	1.24E-04	2.30E-04	3.26E-04	3.22E-04	4.23E-04	4.37E-04	6.73E-04	3.15E-04	6.53E-06	2.25E-07	2.27E-09	0.00E+00	
Michigan	Hillsdale	26059	R	Benzene	5.88E-01	5.94E-01	6.09E-01	6.28E-01	6.62E-01	6.61E-01	7.93E-01	9.06E-01	1.04E-03	2.61E-02	1.18E-01	3.67E-02	4.80E-01	
Michigan	Hillsdale	26059	R	Beryllium Compounds	1.26E-06	1.71E-06	5.99E-06	1.00E-05	1.06E-05	1.42E-05	1.66E-05	2.49E-05	3.09E-08	1.06E-05	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	1,3-Butadiene	5.62E-03	5.94E-03	6.14E-03	7.18E-03	1.02E-02	8.39E-03	2.12E-02	3.14E-02	4.44E-10	1.06E-03	7.52E-03	1.58E-03	0.00E+00	
Michigan	Hillsdale	26059	R	Cadmium Compounds	2.48E-06	2.88E-06	7.63E-06	1.27E-05	1.31E-05	1.80E-05	2.07E-05	2.79E-05	2.38E-07	1.28E-05	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	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	3.67E-08	3.76E-05	0.00E+00	0.00E+00	8.80E-01	
Michigan	Hillsdale	26059	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	2.14E-07	2.99E-04	0.00E+00	0.00E+00	8.30E-02	
Michigan	Hillsdale	26059	R	Chromium Compounds	2.04E-04	6.09E-04	8.04E-04	1.07E-03	1.01E-03	1.23E-03	1.35E-03	1.65E-03	6.60E-04	3.28E-04	1.41E-05	1.07E-05	0.00E+00	
Michigan	Hillsdale	26059	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	
Michigan	Hillsdale	26059	R	1,3-Dichloropropene	5.54E-03	5.83E-03	6.91E-03	7.72E-03	1.42E-02	1.04E-02	3.77E-02	5.45E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	Diesel Particulate Matter	1.12E+00	1.12E+00	1.12E+00	1.13E+00	1.18E+00	1.22E+00	1.30E+00	1.42E+00	0.00E+00	0.00E+00	4.34E-01	7.46E-01	***	
Michigan	Hillsdale	26059	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.12E-08	4.52E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Hillsdale	26059	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.47E-06	8.73E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Hillsdale	26059	R	Ethylene Oxide	7.03E-05	7.57E-05	8.31E-05	1.00E-04	2.16E-04	1.44E-04	5.77E-04	1.01E-03	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	Formaldehyde	3.53E-01	3.63E-01	3.71E-01	3.81E-01	3.99E-01	3.92E-01	4.72E-01	5.47E-01	6.38E-05	2.18E-02	7.97E-02	4.71E-02	2.50E-01	
Michigan	Hillsdale	26059	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	0.00E+00	1.05E-07	0.00E+00	0.00E+00	9.30E-05	
Michigan	Hillsdale	26059	R	Hydrazine	1.10E-09	2.09E-09	4.60E-09	1.09E-08	3.20E-08	3.46E-08	8.68E-08	1.71E-07	0.00E+00	3.20E-08	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	Lead Compounds	6.48E-05	6.93E-05	8.89E-05	1.08E-04	1.59E-04	2.29E-04	2.70E-04	4.12E-04	7.82E-06	1.32E-04	1.96E-05	2.21E-08	0.00E+00	
Michigan	Hillsdale	26059	R	Manganese Compounds	7.12E-04	1.63E-03	1.85E-03	2.67E-03	2.38E-03	2.78E-03	3.18E-03	3.38E-03	2.25E-03	1.15E-04	5.70E-06	1.17E-05	0.00E+00	
Michigan	Hillsdale	26059	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	3.95E-07	1.80E-05	1.93E-07	3.07E-06	1.50E-03	
Michigan	Hillsdale	26059	R	Methylene Chloride	1.69E-01	1.71E-01	1.72E-01	1.77E-01	1.92E-01	1.87E-01	2.42E-01	2.95E-01	2.49E-03	3.92E-02	0.00E+00	0.00E+00	1.50E-01	
Michigan	Hillsdale	26059	R	Nickel Compounds	1.63E-04	7.35E-04	7.68E-04	1.04E-03	1.05E-03	1.31E-03	1.62E-03	1.70E-03	6.26E-04	4.12E-04	1.09E-05	4.99E-06	0.00E+00	
Michigan	Hillsdale	26059	R	Perchloroethylene	1.48E-01	1.48E-01	1.50E-01	1.52E-01	1.61E-01	1.55E-01	1.97E-01	2.24E-01	3.58E-05	2.11E-02	0.00E+00	0.00E+00	1.40E-01	
Michigan	Hillsdale	26059	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	
Michigan	Hillsdale	26059	R	Polycyclic Organic Matter	8.92E-03	9.44E-03	9.56E-03	1.05E-02	1.80E-02	1.36E-02	4.39E-02	6.40E-02	6.75E-04	1.72E-02	1.00E-04	1.76E-05	0.00E+00	
Michigan	Hillsdale	26059	R	7-PAH	2.56E-04	2.60E-04	2.73E-04	2.99E-04	4.17E-04	3.38E-04	8.33E-04	1.22E-03	4.81E-10	3.63E-04	4.46E-05	8.85E-06	0.00E+00	
Michigan	Hillsdale	26059	R	Propylene Dichloride	2.93E-05	3.33E-05	3.49E-05	4.08E-05	4.14E-05	4.77E-05	4.97E-05	5.59E-05	1.21E-06	4.02E-05	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	Quinoline	1.52E-08	2.37E-08	4.35E-08	6.48E-08	1.13E-07	1.20E-07	2.65E-07	4.66E-07	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	
Michigan	Hillsdale	26059	R	1,1,2,2-Tetr														

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Houghton	26061	R	1,3-Butadiene	1.16E-02	1.22E-02	1.37E-02	2.87E-02	2.95E-02	4.41E-02	5.46E-02	6.06E-02	0.00E+00	1.69E-02	6.88E-03	5.70E-03	0.00E+00
Michigan	Houghton	26061	R	Cadmium Compounds	9.21E-07	9.56E-07	2.35E-06	5.57E-06	6.10E-06	9.60E-06	1.29E-05	1.47E-05	0.00E+00	6.10E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Houghton	26061	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	1.86E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Houghton	26061	R	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	0.00E+00	1.57E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Houghton	26061	R	Chromium Compounds	8.45E-06	8.74E-06	2.24E-05	5.46E-05	5.74E-05	8.22E-05	1.22E-04	1.45E-04	0.00E+00	3.15E-05	1.17E-05	1.42E-05	0.00E+00
Michigan	Houghton	26061	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
Michigan	Houghton	26061	R	1,3-Dichloropropene	1.33E-03	1.41E-03	6.83E-03	1.54E-02	1.58E-02	2.47E-02	3.19E-02	3.44E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Houghton	26061	R	Diesel Particulate Matter	1.29E-01	1.32E-01	1.36E-01	1.98E-01	1.97E-01	2.33E-01	2.93E-01	2.99E-01	0.00E+00	0.00E+00	6.96E-02	1.27E-01	***
Michigan	Houghton	26061	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	4.64E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Houghton	26061	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	9.89E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Houghton	26061	R	Ethylene Oxide	1.88E-05	2.11E-05	1.04E-04	3.29E-04	3.85E-04	6.09E-04	9.06E-04	1.14E-03	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Houghton	26061	R	Formaldehyde	3.72E-01	3.76E-01	3.82E-01	5.02E-01	5.05E-01	5.96E-01	7.00E-01	7.79E-01	1.30E-04	1.50E-01	3.50E-02	7.04E-02	2.50E-01
Michigan	Houghton	26061	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.23E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Houghton	26061	R	Hydrazine	5.88E-10	6.19E-10	1.43E-09	3.71E-09	7.12E-09	1.04E-08	2.11E-08	2.33E-08	0.00E+00	7.12E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Houghton	26061	R	Lead Compounds	4.12E-05	4.46E-05	1.44E-04	3.01E-04	3.05E-04	3.86E-04	6.10E-04	7.89E-04	0.00E+00	9.59E-05	1.65E-05	1.92E-04	0.00E+00
Michigan	Houghton	26061	R	Manganese Compounds	5.27E-05	6.13E-05	3.50E-04	1.12E-03	1.32E-03	2.17E-03	3.12E-03	3.83E-03	0.00E+00	1.30E-03	4.86E-06	1.47E-05	0.00E+00
Michigan	Houghton	26061	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	0.00E+00	1.17E-05	1.62E-07	4.05E-06	1.50E-03
Michigan	Houghton	26061	R	Methylene Chloride	1.55E-01	1.56E-01	1.62E-01	1.79E-01	1.83E-01	2.08E-01	2.19E-01	2.20E-01	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Houghton	26061	R	Nickel Compounds	9.52E-06	9.88E-06	2.37E-05	6.65E-05	7.66E-05	1.39E-04	1.71E-04	1.77E-04	0.00E+00	6.13E-05	9.00E-06	6.32E-06	0.00E+00
Michigan	Houghton	26061	R	Perchloroethylene	1.42E-01	1.42E-01	1.45E-01	1.51E-01	1.51E-01	1.59E-01	1.63E-01	1.64E-01	0.00E+00	1.14E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Houghton	26061	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
Michigan	Houghton	26061	R	Polycyclic Organic Matter	8.05E-03	8.44E-03	2.46E-02	5.56E-02	5.70E-02	8.56E-02	1.14E-01	1.25E-01	0.00E+00	5.69E-02	8.15E-05	4.49E-05	0.00E+00
Michigan	Houghton	26061	R	7-PAH	7.09E-04	7.14E-04	8.08E-04	1.98E-03	2.02E-03	2.67E-03	3.84E-03	4.30E-03	0.00E+00	1.96E-03	3.62E-05	2.18E-05	0.00E+00
Michigan	Houghton	26061	R	Propylene Dichloride	4.13E-05	4.18E-05	4.70E-05	4.89E-05	4.88E-05	5.23E-05	5.47E-05	5.55E-05	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Houghton	26061	R	Quinoline	2.59E-09	2.87E-09	5.30E-09	1.09E-08	2.08E-08	3.02E-08	5.82E-08	6.42E-08	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Houghton	26061	R	1,1,2,2-Tetrachloroethane	3.76E-04	3.81E-04	4.25E-04	4.46E-04	4.44E-04	4.76E-04	4.96E-04	5.02E-04	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Houghton	26061	R	Trichloroethylene	8.22E-02	8.22E-02	8.28E-02	8.53E-02	8.60E-02	9.02E-02	9.16E-02	9.18E-02	0.00E+00	5.04E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Houghton	26061	R	Vinyl Chloride	9.26E-04	9.38E-04	1.05E-03	1.10E-03	1.09E-03	1.17E-03	1.22E-03	1.24E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Huron	26063	R	Acetaldehyde	5.09E-02	5.70E-02	6.14E-02	7.01E-02	8.04E-02	8.94E-02	1.37E-01	1.39E-01	2.81E-06	3.69E-03	2.53E-02	5.14E-02	0.00E+00
Michigan	Huron	26063	R	Acrolein	8.69E-03	8.91E-03	9.64E-03	1.08E-02	1.30E-02	1.32E-02	2.46E-02	2.48E-02	1.43E-06	2.52E-03	3.07E-03	7.41E-03	0.00E+00
Michigan	Huron	26063	R	Acrylonitrile	3.99E-04	4.35E-04	4.87E-04	6.21E-04	6.68E-04	7.39E-04	1.13E-03	1.13E-03	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Huron	26063	R	Arsenic Compounds	9.39E-07	9.88E-07	1.33E-06	2.05E-06	5.20E-06	1.08E-05	1.16E-05	1.50E-05	2.23E-06	2.89E-06	8.51E-08	5.95E-10	0.00E+00
Michigan	Huron	26063	R	Benzene	6.33E-01	6.46E-01	6.60E-01	6.79E-01	7.20E-01	7.01E-01	9.59E-01	9.59E-01	7.90E-06	1.53E-02	4.42E-02	1.80E-01	4.80E-01
Michigan	Huron	26063	R	Beryllium Compounds	2.26E-07	2.73E-07	3.80E-07	5.56E-07	1.17E-06	1.09E-06	4.13E-06	4.13E-06	1.18E-07	1.06E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Huron	26063	R	1,3-Butadiene	9.62E-03	1.01E-02	1.10E-02	1.20E-02	1.52E-02	1.24E-02	3.38E-02	3.38E-02	0.00E+00	9.84E-04	3.44E-03	1.08E-02	0.00E+00

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Huron	26063	R	Nickel Compounds	8.95E-06	9.53E-06	1.34E-05	2.00E-05	3.85E-05	3.61E-05	1.32E-04	1.32E-04	2.21E-06	3.04E-05	4.11E-06	1.79E-06	0.00E+00
Michigan	Huron	26063	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.47E-01	1.45E-01	1.64E-01	1.64E-01	2.46E-07	7.24E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Huron	26063	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
Michigan	Huron	26063	R	Polycyclic Organic Matter	2.14E-03	2.54E-03	3.17E-03	3.89E-03	6.51E-03	5.81E-03	2.00E-02	2.00E-02	1.30E-07	6.37E-03	3.76E-05	1.00E-04	0.00E+00
Michigan	Huron	26063	R	7-PAH	1.15E-04	1.18E-04	1.23E-04	1.43E-04	2.01E-04	1.85E-04	4.98E-04	4.99E-04	2.46E-09	1.33E-04	1.67E-05	5.20E-05	0.00E+00
Michigan	Huron	26063	R	Propylene Dichloride	2.41E-05	2.63E-05	2.95E-05	3.75E-05	4.04E-05	4.46E-05	6.88E-05	6.90E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Huron	26063	R	Quinoline	3.73E-09	4.60E-09	6.07E-09	8.35E-09	2.53E-08	2.19E-08	9.90E-08	9.92E-08	0.00E+00	2.53E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Huron	26063	R	1,1,2,2-Tetrachloroethane	2.20E-04	2.39E-04	2.68E-04	3.42E-04	3.67E-04	4.07E-04	6.20E-04	6.22E-04	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Huron	26063	R	Trichloroethylene	8.18E-02	8.19E-02	8.19E-02	8.22E-02	8.29E-02	8.24E-02	8.67E-02	8.68E-02	0.00E+00	1.87E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Huron	26063	R	Vinyl Chloride	5.41E-04	5.89E-04	6.60E-04	8.43E-04	9.05E-04	1.00E-03	1.53E-03	1.54E-03	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	Acetaldehyde	3.39E-01	3.47E-01	3.80E-01	4.00E-01	4.07E-01	4.27E-01	4.67E-01	4.98E-01	3.93E-05	2.07E-02	2.96E-01	8.95E-02	0.00E+00
Michigan	Ingham	26065	U	Acrolein	4.40E-02	4.51E-02	4.91E-02	5.34E-02	5.48E-02	5.77E-02	6.59E-02	6.85E-02	1.49E-05	8.87E-03	3.11E-02	1.48E-02	0.00E+00
Michigan	Ingham	26065	U	Acrylonitrile	1.02E-03	1.08E-03	1.20E-03	1.40E-03	1.54E-03	1.79E-03	2.14E-03	2.92E-03	2.59E-05	1.51E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	Arsenic Compounds	1.24E-05	2.37E-05	3.78E-05	5.72E-05	5.69E-05	7.12E-05	9.18E-05	1.03E-04	2.21E-05	3.46E-05	3.01E-07	8.80E-09	0.00E+00
Michigan	Ingham	26065	U	Benzene	9.10E-01	9.63E-01	1.07E+00	1.21E+00	1.23E+00	1.31E+00	1.55E+00	1.70E+00	3.44E-03	3.36E-02	5.32E-01	1.80E-01	4.80E-01
Michigan	Ingham	26065	U	Beryllium Compounds	7.55E-06	7.98E-06	1.19E-05	1.53E-05	1.64E-05	1.79E-05	2.59E-05	2.75E-05	1.15E-06	1.53E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	1,3-Butadiene	2.21E-02	3.12E-02	4.55E-02	6.14E-02	6.50E-02	7.63E-02	1.05E-01	1.28E-01	1.45E-09	5.74E-04	4.43E-02	2.02E-02	0.00E+00
Michigan	Ingham	26065	U	Cadmium Compounds	1.96E-05	2.12E-05	2.78E-05	3.12E-05	3.80E-05	3.65E-05	4.46E-05	7.32E-05	3.32E-06	3.47E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	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	4.74E-08	1.38E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Ingham	26065	U	Chloroform	8.39E-02	8.39E-02	8.41E-02	8.42E-02	8.42E-02	8.44E-02	8.45E-02	8.48E-02	2.76E-07	1.22E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Ingham	26065	U	Chromium Compounds	2.53E-04	2.82E-04	4.01E-04	5.82E-04	7.48E-04	9.51E-04	1.57E-03	1.79E-03	2.06E-05	6.77E-04	1.90E-05	3.20E-05	0.00E+00
Michigan	Ingham	26065	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
Michigan	Ingham	26065	U	1,3-Dichloropropene	1.47E-02	2.89E-02	5.08E-02	7.05E-02	7.43E-02	8.66E-02	1.25E-01	1.43E-01	0.00E+00	7.43E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	Diesel Particulate Matter	1.28E+00	1.34E+00	1.40E+00	1.54E+00	1.56E+00	1.63E+00	1.84E+00	1.99E+00	0.00E+00	0.00E+00	6.01E-01	9.58E-01	***
Michigan	Ingham	26065	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	1.45E-08	1.03E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Ingham	26065	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	5.34E-06	1.89E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Ingham	26065	U	Ethylene Oxide	3.70E-04	5.27E-04	1.05E-03	1.60E-03	2.15E-03	2.51E-03	3.57E-03	5.74E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	Formaldehyde	6.06E-01	6.15E-01	6.57E-01	7.00E-01	7.11E-01	7.44E-01	8.19E-01	8.68E-01	2.48E-04	3.19E-02	2.78E-01	1.52E-01	2.50E-01
Michigan	Ingham	26065	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.50E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Ingham	26065	U	Hydrazine	3.71E-09	5.16E-09	2.59E-08	4.37E-08	8.25E-08	1.06E-07	2.25E-07	2.91E-07	0.00E+00	8.25E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	Lead Compounds	3.56E-04	6.92E-04	1.14E-03	1.79E-03	2.14E-03	2.96E-03	4.35E-03	5.01E-03	2.41E-05	1.70E-03	2.67E-05	3.89E-04	0.00E+00
Michigan	Ingham	26065	U	Manganese Compounds	2.50E-04	3.66E-04	6.41E-04	9.60E-04	1.27E-03	1.72E-03	2.87E-03	3.21E-03	1.99E-04	1.02E-03	7.83E-06	3.82E-05	0.00E+00
Michigan	Ingham	26065	U	Mercury Compounds	1.59E-03	1.59E-03	1.60E-03	1.62E-03	1.63E-03	1.64E-03	1.67E-03	1.73E-03	8.44E-06	1.17E-04	2.58E-07	8.72E-06	1.50E-03
Michigan	Ingham	26065	U	Methylene Chloride	2.11E-01	2.61E-01	3.58E-01	4.89E-01	5.74E-01	7.22E-01	1.04E+00	1.24E+00	2.69E-04	4.24E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Ingham	26065	U	Nickel Compounds	2.31E-04	3.64E-04	7.00E-04	1.17E-03	1.57E-03	2.05E-03	3.51E-03	4.33E-03	3.91E-05	1.50E-03	1.48E-05	1.74E-05	0.00E+00
Michigan	Ingham	26065	U	Perchloroethylene	1.61E-01	1.78E-01	2.09E-01	2.43E-01	2.48E-01	2.72E-01	3.03E-01	3.62E-01	4.82E-05	1.08E-01	0.00E+00	0.00E+00	1.40E-01
Michigan	Ingham	26065	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
Michigan	Ingham	26065	U	Polycyclic Organic Matter	2.05E-02	3.43E-02	5.89E-02	7.81E-02	8.23E-02	9.53E-02	1.34E-01	1.54E-01	3.86E-04	8.18E-02	1.35E-04	6.53E-05	0.00E+00
Michigan	Ingham	26065	U	7-PAH	5.23E-04	7.93E-04	1.11E-03	1.49E-03	1.56E-03	1.78E-03	2.46E-03	2.76E-03	2.15E-08	1.47E-03	5.98E-05	3.09E-05	0.00E+00
Michigan	Ingham	26065	U	Propylene Dichloride	6.36E-05	6.90E-05	7.31E-05	8.54E-05	9.40E-05	1.09E-04	1.29E-04	1.77E-04	1.57E-06	9.24E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	Quinoline	4.06E-08	5.14E-08	1.06E-07	1.78E-07	2.56E-07	3.36E-07	6.26E-07	7.72E-07	0.00E+00	2.56E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	1,1,2,2-Tetrachloroethane	5.40E-04	5.69E-04	6.46E-04	7.54E-04	8.28E-04	9.68E-04	1.16E-03	1.58E-03	1.43E-05	8.14E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ingham	26065	U	Trichloroethylene	9.17E-02	1.14E-01	1.27E-01	1.43E-01	1.46E-01	1.59E-01	1.80E-01	2.07E-01	3.03E-02	3.42E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Ingham	26065	U	Vinyl Chloride	1.46E-03	1.57E-03	1.69E-03	1.98E-03	2.16E-03	2.47E-03	2.91E-03	3.95E-03	3.53E-05	2.12E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	Acetaldehyde	1.13E-01	1.34E-01	1.49E-01	1.65E-01	1.80E-01	2.02E-01	2.60E-01	2.66E-01	2.52E-06	1.36E-02	1.17E-01	4.87E-02	0.00E+00
Michigan	Ionia	26067	R	Acrolein	1.60E-02	1.93E-02	2.09E-02	2.38E-02	2.93E-02	3.53E-02	5.23E-02	5.33E-02	1.28E-06	8.05E-03	1.37E-02	7.55E-03	0.00E+00
Michigan	Ionia	26067	R	Acrylonitrile	4.34E-04	5.02E-04	5.40E-04	6.41E-04	7.05E-04	9.04E-04	1.01E-03	1.06E-03	2.67E-04	4.38E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	Arsenic Compounds	4.70E-06	5.75E-06	6.21E-06	9.27E-06	1.27E-05	1.84E-05	2.83E-05	2.84E-05	2.11E-06	1.03E-05	3.48E-07		

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Ionia	26067	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	4.89E-07	5.93E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Ionia	26067	R	Chloroform	8.33E-02	8.34E-02	8.34E-02	8.35E-02	8.35E-02	8.37E-02	8.38E-02	8.38E-02	2.85E-06	5.36E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Ionia	26067	R	Chromium Compounds	3.94E-04	4.56E-04	5.50E-04	1.14E-03	2.89E-03	3.76E-03	1.04E-02	1.04E-02	1.42E-06	2.85E-03	2.16E-05	1.90E-05	0.00E+00
Michigan	Ionia	26067	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
Michigan	Ionia	26067	R	1,3-Dichloropropene	7.77E-03	8.45E-03	9.53E-03	1.51E-02	2.47E-02	4.01E-02	6.13E-02	6.14E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	Diesel Particulate Matter	8.82E-01	8.83E-01	9.05E-01	1.01E+00	1.15E+00	1.21E+00	1.88E+00	1.88E+00	0.00E+00	0.00E+00	4.00E-01	7.46E-01	**
Michigan	Ionia	26067	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	1.49E-07	3.30E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Ionia	26067	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.25E-05	5.44E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Ionia	26067	R	Ethylene Oxide	7.64E-05	1.11E-04	1.19E-04	1.63E-04	2.07E-04	3.19E-04	3.82E-04	3.87E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	Formaldehyde	3.77E-01	3.99E-01	4.16E-01	4.44E-01	4.84E-01	5.40E-01	6.66E-01	6.72E-01	7.61E-05	3.40E-02	1.15E-01	8.48E-02	2.50E-01
Michigan	Ionia	26067	R	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.39E-05	9.39E-05	0.00E+00	2.54E-07	0.00E+00	0.00E+00	9.30E-05
Michigan	Ionia	26067	R	Hydrazine	1.55E-09	3.38E-09	3.46E-09	6.82E-09	1.13E-08	1.48E-08	3.23E-08	3.27E-08	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	Lead Compounds	9.88E-04	1.14E-03	1.33E-03	3.43E-03	9.19E-03	1.25E-02	3.37E-02	3.37E-02	3.00E-06	8.89E-03	3.03E-05	2.66E-04	0.00E+00
Michigan	Ionia	26067	R	Manganese Compounds	4.45E-05	7.63E-05	1.11E-04	1.96E-04	1.97E-04	2.78E-04	3.32E-04	3.32E-04	2.55E-06	1.65E-04	8.89E-06	2.06E-05	0.00E+00
Michigan	Ionia	26067	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.58E-03	1.59E-03	9.31E-06	3.05E-05	2.96E-07	5.44E-06	1.50E-03
Michigan	Ionia	26067	R	Methylene Chloride	1.67E-01	1.72E-01	1.74E-01	1.84E-01	2.12E-01	2.45E-01	3.15E-01	3.15E-01	9.43E-04	6.08E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Ionia	26067	R	Nickel Compounds	8.80E-05	1.15E-04	1.28E-04	1.66E-04	2.90E-04	3.62E-04	8.10E-04	8.28E-04	6.97E-06	2.57E-04	1.68E-05	8.77E-06	0.00E+00
Michigan	Ionia	26067	R	Perchloroethylene	1.49E-01	1.50E-01	1.52E-01	1.58E-01	1.72E-01	1.92E-01	2.25E-01	2.25E-01	4.79E-04	3.19E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Ionia	26067	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
Michigan	Ionia	26067	R	Polycyclic Organic Matter	9.47E-03	1.04E-02	1.17E-02	1.74E-02	2.71E-02	4.29E-02	6.43E-02	6.46E-02	2.47E-07	2.70E-02	1.53E-04	1.72E-05	0.00E+00
Michigan	Ionia	26067	R	7-PAH	2.58E-04	2.65E-04	3.02E-04	4.13E-04	6.66E-04	9.67E-04	1.63E-03	1.64E-03	1.59E-07	5.91E-04	6.78E-05	6.84E-06	0.00E+00
Michigan	Ionia	26067	R	Propylene Dichloride	2.59E-05	2.99E-05	3.23E-05	3.85E-05	4.26E-05	5.50E-05	6.16E-05	6.43E-05	1.62E-05	2.64E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	Quinoline	2.57E-08	2.73E-08	4.43E-08	1.01E-07	1.13E-07	1.73E-07	2.33E-07	2.36E-07	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	1,1,2,2-Tetrachloroethane	2.31E-04	2.65E-04	2.87E-04	3.39E-04	3.75E-04	4.85E-04	5.39E-04	5.63E-04	1.48E-04	2.27E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ionia	26067	R	Trichloroethylene	8.65E-02	9.09E-02	9.45E-02	1.03E-01	1.00E-01	1.05E-01	1.07E-01	1.07E-01	1.35E-02	5.59E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Ionia	26067	R	Vinyl Chloride	5.76E-04	6.65E-04	7.23E-04	8.49E-04	9.43E-04	1.22E-03	1.35E-03	1.41E-03	3.65E-04	5.78E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Acetaldehyde	8.97E-02	9.82E-02	1.08E-01	1.33E-01	1.30E-01	1.46E-01	1.50E-01	1.84E-01	0.00E+00	1.26E-02	3.38E-02	8.34E-02	0.00E+00
Michigan	Iosco	26069	R	Acrolein	2.02E-02	2.31E-02	2.71E-02	3.36E-02	3.18E-02	3.54E-02	3.84E-02	4.26E-02	0.00E+00	1.63E-02	4.08E-03	1.14E-02	0.00E+00
Michigan	Iosco	26069	R	Acrylonitrile	3.05E-04	3.12E-04	3.55E-04	4.93E-04	4.77E-04	6.04E-04	6.46E-04	6.68E-04	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Arsenic Compounds	1.76E-06	2.17E-06	2.57E-06	4.40E-06	7.16E-06	1.33E-05	1.56E-05	1.72E-05	0.00E+00	7.04E-06	1.19E-07	8.24E-10	0.00E+00
Michigan	Iosco	26069	R	Benzene	7.59E-01	7.85E-01	7.91E-01	8.24E-01	8.52E-01	8.35E-01	9.47E-01	1.13E+00	0.00E+00	3.54E-02	6.27E-02	2.74E-01	4.80E-01
Michigan	Iosco	26069	R	Beryllium Compounds	1.58E-07	1.85E-07	1.91E-07	3.37E-07	8.87E-07	1.64E-06	2.38E-06	2.48E-06	0.00E+00	8.87E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	1,3-Butadiene	1.74E-02	1.91E-02	2.01E-02	2.24E-02	2.61E-02	2.90E-02	3.46E-02	5.09E-02	0.00E+00	5.44E-03	5.09E-03	1.55E-02	0.00E+00
Michigan	Iosco	26069	R	Cadmium Compounds	9.38E-07	1.06E-06	1.07E-06	1.41E-06	2.61E-06	4.84E-06	5.47E-06	5.83E-06	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	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	1.75E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Iosco	26069	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	1.31E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Iosco	26069	R	Chromium Compounds	1.19E-05	1.59E-05	2.58E-05	2.96E-05	3.21E-05	4.29E-05	4.50E-05	5.66E-05	0.00E+00	2.07E-05	7.53E-06	3.82E-06	0.00E+00
Michigan	Iosco	26069	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
Michigan	Iosco	26069	R	1,3-Dichloropropene	1.72E-03	1.96E-03	1.98E-03	3.33E-03	8.09E-03	1.48E-02	1.72E-02	2.10E-02	0.00E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Diesel Particulate Matter	3.16E-01	3.35E-01	3.38E-01	3.46E-01	3.62E-01	3.56E-01	3.67E-01	5.27E-01	0.00E+00	0.00E+00	1.50E-01	2.11E-01	***
Michigan	Iosco	26069	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	2.64E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Iosco	26069	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	5.83E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Iosco	26069	R	Ethylene Oxide	1.37E-05	1.83E-05	1.91E-05	2.82E-05	8.85E-05	1.03E-04	2.52E-04	3.78E-04	0.00E+00	8.85E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Formaldehyde	3.59E-01	3.75E-01	3.93E-01	4.20E-01	4.24E-01	4.54E-01	4.66E-01	5.09E-01	0.00E+00	6.67E-02	3.51E-02	7.22E-02	2.50E-01
Michigan	Iosco	26069	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.48E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Iosco	26069	R	Hydrazine	1.02E-12	1.22E-12	1.27E-12	7.18E-12	1.16E-11	1.75E-11	2.65E-11	3.84E-11	0.00E+00	1.16E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Lead Compounds	1.32E-05	1.60E-05	1.65E-05	1.97E-05	2.95E-05	4.75E-05	5.50E-05	5.68E-05	0.00E+00	1.89E-05	1.06E-05	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Manganese Compounds	6.06E-06	8.23E-06	8.35E-06	1.35E-05	1.79E-05	3.04E-05	3.65E-05	3.73E-05	0.00E+00	1.06E-05	3.10E-06	4.23E-06	0.00E+00
Michigan	Iosco																

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Iosco	26069	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
Michigan	Iosco	26069	R	Polycyclic Organic Matter	1.07E-02	1.07E-02	1.14E-02	1.90E-02	4.07E-02	7.16E-02	8.46E-02	9.99E-02	0.00E+00	4.05E-02	5.33E-05	1.52E-04	0.00E+00
Michigan	Iosco	26069	R	7-PAH	4.60E-04	4.95E-04	6.46E-04	9.10E-04	1.29E-03	2.11E-03	2.39E-03	2.60E-03	0.00E+00	1.19E-03	2.37E-05	7.85E-05	0.00E+00
Michigan	Iosco	26069	R	Propylene Dichloride	1.84E-05	1.88E-05	2.14E-05	2.97E-05	2.87E-05	3.64E-05	3.89E-05	4.02E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Quinoline	2.13E-11	2.41E-11	2.59E-11	1.82E-10	1.99E-10	3.45E-10	4.03E-10	5.50E-10	0.00E+00	1.99E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	1,1,2,2-Tetrachloroethane	1.67E-04	1.71E-04	1.95E-04	2.70E-04	2.61E-04	3.31E-04	3.54E-04	3.66E-04	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Iosco	26069	R	Trichloroethylene	8.18E-02	8.19E-02	8.19E-02	8.20E-02	8.35E-02	8.67E-02	8.71E-02	8.83E-02	0.00E+00	2.46E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Iosco	26069	R	Vinyl Chloride	4.12E-04	4.22E-04	4.80E-04	6.65E-04	6.44E-04	8.16E-04	8.73E-04	9.02E-04	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Iron	26071	R	Acetaldehyde	4.46E-02	4.46E-02	4.97E-02	6.19E-02	6.31E-02	6.42E-02	9.48E-02	9.48E-02	2.79E-05	3.34E-02	1.63E-02	1.33E-02	0.00E+00
Michigan	Iron	26071	R	Acrolein	3.42E-02	3.42E-02	3.73E-02	4.73E-02	4.81E-02	4.94E-02	7.24E-02	7.24E-02	5.38E-11	4.42E-02	2.01E-03	1.95E-03	0.00E+00
Michigan	Iron	26071	R	Acrylonitrile	4.46E-04	4.46E-04	7.06E-04	7.40E-04	6.94E-04	7.81E-04	7.98E-04	7.98E-04	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Iron	26071	R	Arsenic Compounds	1.93E-06	1.93E-06	2.92E-06	4.40E-06	5.24E-06	7.40E-06	9.54E-06	9.54E-06	2.47E-07	4.93E-06	5.47E-08	5.51E-09	0.00E+00
Michigan	Iron	26071	R	Benzene	5.78E-01	5.78E-01	5.79E-01	6.22E-01	6.22E-01	6.30E-01	7.02E-01	7.02E-01	1.37E-05	9.24E-02	3.38E-02	1.59E-02	4.80E-01
Michigan	Iron	26071	R	Beryllium Compounds	1.70E-07	1.70E-07	2.01E-07	4.35E-07	4.64E-07	6.37E-07	8.76E-07	8.76E-07	1.32E-08	4.51E-07	0.00E+00	3.54E-11	0.00E+00
Michigan	Iron	26071	R	1,3-Butadiene	1.22E-02	1.22E-02	1.56E-02	2.35E-02	2.58E-02	3.16E-02	4.59E-02	4.59E-02	0.00E+00	2.20E-02	2.90E-03	8.73E-04	0.00E+00
Michigan	Iron	26071	R	Cadmium Compounds	1.05E-06	1.05E-06	1.27E-06	1.79E-06	1.99E-06	2.49E-06	3.33E-06	3.33E-06	7.49E-08	1.91E-06	0.00E+00	4.91E-10	0.00E+00
Michigan	Iron	26071	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	9.51E-06	0.00E+00	0.00E+00	8.80E-01
Michigan	Iron	26071	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	7.29E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Iron	26071	R	Chromium Compounds	7.47E-06	7.47E-06	9.49E-06	1.54E-05	1.70E-05	2.23E-05	3.04E-05	3.04E-05	2.54E-07	8.64E-06	3.45E-06	4.67E-06	0.00E+00
Michigan	Iron	26071	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
Michigan	Iron	26071	R	1,3-Dichloropropene	1.64E-03	1.64E-03	1.83E-03	4.36E-03	4.27E-03	5.35E-03	8.17E-03	8.17E-03	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Iron	26071	R	Diesel Particulate Matter	1.60E-01	1.60E-01	1.62E-01	1.89E-01	1.86E-01	1.90E-01	2.31E-01	2.31E-01	0.00E+00	0.00E+00	7.31E-02	1.13E-01	***
Michigan	Iron	26071	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	3.87E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Iron	26071	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	9.07E-12	8.40E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Iron	26071	R	Ethylene Oxide	2.34E-05	2.34E-05	2.84E-05	6.60E-05	9.10E-05	1.57E-04	1.80E-04	1.80E-04	0.00E+00	9.10E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Iron	26071	R	Formaldehyde	4.11E-01	4.11E-01	4.14E-01	4.81E-01	4.93E-01	5.18E-01	6.40E-01	6.40E-01	3.31E-05	2.04E-01	1.81E-02	2.03E-02	2.50E-01
Michigan	Iron	26071	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	8.14E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Iron	26071	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	2.94E-13	3.38E-12	6.31E-12	1.03E-11	1.03E-11	0.00E+00	3.38E-12	0.00E+00	0.00E+00	0.00E+00
Michigan	Iron	26071	R	Lead Compounds	2.50E-05	2.50E-05	3.08E-05	3.68E-05	4.39E-05	5.66E-05	7.03E-05	7.03E-05	4.37E-06	3.40E-05	4.86E-06	7.25E-07	0.00E+00
Michigan	Iron	26071	R	Manganese Compounds	9.84E-05	9.84E-05	1.88E-04	2.32E-04	3.50E-04	5.73E-04	6.57E-04	6.57E-04	3.51E-06	3.40E-04	1.42E-06	4.86E-06	0.00E+00
Michigan	Iron	26071	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	4.71E-08	6.70E-06	4.74E-08	1.33E-06	1.50E-03
Michigan	Iron	26071	R	Methylene Chloride	1.55E-01	1.55E-01	1.56E-01	1.62E-01	1.62E-01	1.67E-01	1.73E-01	1.73E-01	6.27E-11	1.25E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Iron	26071	R	Nickel Compounds	8.24E-06	8.24E-06	1.10E-05	2.50E-05	2.80E-05	4.13E-05	5.44E-05	5.44E-05	4.07E-07	2.27E-05	2.67E-06	2.23E-06	0.00E+00
Michigan	Iron	26071	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.46E-01	1.46E-01	1.47E-01	1.50E-01	1.50E-01	9.29E-12	5.63E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Iron	26071	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	6.67E-12	0.00E+00	0.00E+00	3.80E-04
Michigan	Iron	26071	R	Polycyclic Organic Matter	9.96E-03	9.96E-03	1.09E-02	2.03E-02	2.02E-02	2.38E-02	3.59E-02	3.59E-02	2.52E-07	2.01E-02	2.43E-05	7.41E-06	0.00E+00
Michigan	Iron	26071	R														

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Isabella	26073	R	Chromium Compounds	9.43E-05	2.50E-04	2.68E-04	5.38E-04	1.94E-03	2.33E-03	6.16E-03	8.29E-03	5.32E-06	1.89E-03	2.41E-05	1.48E-05	0.00E+00
Michigan	Isabella	26073	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
Michigan	Isabella	26073	R	1,3-Dichloropropene	4.11E-03	4.33E-03	6.06E-03	8.69E-03	3.10E-02	6.17E-02	6.53E-02	1.11E-01	0.00E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Isabella	26073	R	Diesel Particulate Matter	5.91E-01	5.94E-01	6.12E-01	6.71E-01	7.40E-01	8.24E-01	9.53E-01	1.15E+00	0.00E+00	0.00E+00	2.90E-01	4.50E-01	***
Michigan	Isabella	26073	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	2.97E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Isabella	26073	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.00E-06	6.92E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Isabella	26073	R	Ethylene Oxide	4.49E-05	5.16E-05	5.61E-05	8.26E-05	2.88E-04	3.67E-04	5.35E-04	1.47E-03	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Isabella	26073	R	Formaldehyde	3.36E-01	3.43E-01	3.48E-01	3.63E-01	4.18E-01	4.83E-01	5.35E-01	6.30E-01	7.67E-04	4.10E-02	7.16E-02	5.51E-02	2.50E-01
Michigan	Isabella	26073	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	8.48E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Isabella	26073	R	Hydrazine	3.32E-10	4.38E-10	6.64E-10	1.98E-09	1.66E-09	2.21E-09	3.11E-09	3.39E-09	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Isabella	26073	R	Lead Compounds	5.47E-05	5.57E-05	7.78E-05	1.57E-04	2.57E-04	3.48E-04	4.46E-04	1.02E-03	3.48E-06	2.18E-04	3.40E-05	1.79E-06	0.00E+00
Michigan	Isabella	26073	R	Manganese Compounds	7.84E-05	2.27E-04	2.36E-04	3.53E-04	2.94E-03	3.79E-03	6.00E-03	1.71E-02	8.48E-07	2.91E-03	9.95E-06	1.59E-05	0.00E+00
Michigan	Isabella	26073	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.60E-03	1.29E-07	3.14E-05	3.32E-07	4.20E-06	1.50E-03
Michigan	Isabella	26073	R	Methylene Chloride	1.65E-01	1.66E-01	1.67E-01	1.71E-01	2.20E-01	2.49E-01	3.07E-01	4.46E-01	1.11E-09	7.04E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Isabella	26073	R	Nickel Compounds	2.70E-05	4.45E-05	5.28E-05	7.63E-05	2.46E-04	3.05E-04	6.26E-04	1.08E-03	7.20E-08	2.21E-04	1.86E-05	6.88E-06	0.00E+00
Michigan	Isabella	26073	R	Perchloroethylene	1.44E-01	1.45E-01	1.46E-01	1.48E-01	1.70E-01	1.91E-01	2.06E-01	2.59E-01	1.65E-10	2.96E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Isabella	26073	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
Michigan	Isabella	26073	R	Polycyclic Organic Matter	1.60E-02	1.85E-02	2.43E-02	3.36E-02	1.17E-01	2.29E-01	2.42E-01	4.16E-01	7.45E-11	1.17E-01	1.69E-04	7.68E-06	0.00E+00
Michigan	Isabella	26073	R	7-PAH	4.57E-04	5.61E-04	6.32E-04	8.45E-04	2.64E-03	5.05E-03	5.40E-03	8.99E-03	1.52E-12	2.56E-03	7.52E-05	3.55E-06	0.00E+00
Michigan	Isabella	26073	R	Propylene Dichloride	2.50E-05	2.56E-05	2.62E-05	2.91E-05	2.91E-05	3.16E-05	3.28E-05	3.40E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Isabella	26073	R	Quinoline	6.40E-09	7.14E-09	1.61E-08	5.37E-08	3.86E-08	5.61E-08	5.83E-08	6.30E-08	0.00E+00	3.86E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Isabella	26073	R	1,1,2,2-Tetrachloroethane	2.25E-04	2.27E-04	2.34E-04	2.57E-04	2.59E-04	2.80E-04	2.91E-04	3.02E-04	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Isabella	26073	R	Trichloroethylene	8.31E-02	8.54E-02	8.56E-02	9.00E-02	1.15E-01	1.20E-01	1.87E-01	3.26E-01	0.00E+00	3.41E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Isabella	26073	R	Vinyl Chloride	5.59E-04	6.19E-04	6.29E-04	7.32E-04	7.38E-04	8.46E-04	8.64E-04	8.93E-04	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Jackson	26075	R	Acetaldehyde	2.01E-01	2.52E-01	2.88E-01	3.39E-01	3.29E-01	3.71E-01	3.84E-01	4.24E-01	2.85E-05	1.96E-02	2.38E-01	7.18E-02	0.00E+00
Michigan	Jackson	26075	R	Acrolein	3.24E-02	4.05E-02	4.53E-02	5.17E-02	5.18E-02	5.82E-02	6.12E-02	6.80E-02	7.23E-07	9.00E-03	2.51E-02	1.77E-02	0.00E+00
Michigan	Jackson	26075	R	Acrylonitrile	5.98E-04	7.07E-04	8.34E-04	9.48E-04	7.30E-03	1.10E-03	1.33E-03	4.87E-03	2.51E-05	7.28E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Jackson	26075	R	Arsenic Compounds	7.37E-06	8.94E-06	1.26E-05	2.58E-05	3.84E-05	4.61E-05	5.17E-05	6.01E-05	1.97E-06	3.62E-05	2.09E-07	5.73E-09	0.00E+00
Michigan	Jackson	26075	R	Benzene	9.25E-01	1.02E+00	1.08E+00	1.24E+00	1.26E+00	1.38E+00	1.49E+00	1.62E+00	9.71E-03	5.81E-02	4.11E-01	2.99E-01	4.80E-01
Michigan	Jackson	26075	R	Beryllium Compounds	4.54E-05	7.02E-05	1.95E-04	4.31E-04	7.51E-04	9.75E-04	1.90E-03	2.92E-03	1.11E-07	7.51E-04	0.00E+00	3.89E-14	0.00E+00
Michigan	Jackson	26075	R	1,3-Butadiene	2.74E-02	2.97E-02	3.66E-02	5.24E-02	5.22E-02	6.61E-02	7.52E-02	8.91E-02	9.98E-09	1.61E-03	3.29E-02	1.76E-02	0.00E+00
Michigan	Jackson	26075	R	Cadmium Compounds	6.39E-05	7.83E-05	2.04E-04	5.27E-04	7.83E-04	9.93E-04	1.92E-03	2.95E-03	1.65E-06	7.81E-04	0.00E+00	5.39E-13	0.00E+00
Michigan	Jackson	26075	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	4.60E-08	3.71E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Jackson	26075	R	Chloroform	8.33E-02	8.34E-02	8.34E-02	8.36E-02	8.55E-02	8.39E-02	8.40E-02	8.47E-02	2.68E-07	2.51E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Jackson	26075	R	Chromium Compounds	3.36E-04	4.25E-04	8.21E-04	1.89E-03	2.95E-03	3.76E-03	7.22E-03	1.11E-02	5.18E-05	2.86E-03	1.31E-05	2.31E-05	0.00E+00
Michigan	Jackson	26075	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
Michigan	Jackson	26075	R	1,3-Dichloropropene	1.16E-02	1.22E-02	2.30E-02	4.21E-02	5.22E-02	8.11E-02	9.36E-02	1.25E-01	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Jackson	26075	R	Diesel Particulate Matter	1.19E+00	1.22E+00	1.31E+00	1.47E+00	1.50E+00	1.68E+00	1.82E+00	1.97E+00	0.00E+00	0.00E+00	6.0		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Jackson	26075	R	7-PAH	4.28E-04	4.74E-04	6.91E-04	1.04E-03	1.33E-03	1.68E-03	2.07E-03	2.49E-03	1.19E-09	1.20E-03	4.15E-05	8.98E-05	0.00E+00
Michigan	Jackson	26075	R	Propylene Dichloride	3.64E-05	4.42E-05	5.12E-05	6.13E-05	4.44E-04	7.02E-05	8.32E-05	2.96E-04	1.52E-06	4.43E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Jackson	26075	R	Quinoline	4.89E-08	6.41E-08	1.47E-07	2.84E-07	4.86E-07	6.23E-07	1.20E-06	1.83E-06	0.00E+00	4.86E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Jackson	26075	R	1,1,2,2-Tetrachloroethane	3.23E-04	3.80E-04	4.46E-04	5.06E-04	3.99E-03	5.95E-04	7.22E-04	2.66E-03	1.39E-05	3.98E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Jackson	26075	R	Trichloroethylene	8.80E-02	8.90E-02	9.23E-02	1.01E-01	1.12E-01	1.18E-01	1.30E-01	1.38E-01	1.99E-03	2.91E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Jackson	26075	R	Vinyl Chloride	8.24E-04	9.63E-04	1.13E-03	1.28E-03	9.87E-03	1.49E-03	1.79E-03	6.59E-03	3.43E-05	9.83E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Acetaldehyde	2.28E-01	2.62E-01	3.10E-01	3.88E-01	3.69E-01	4.17E-01	4.56E-01	4.80E-01	4.84E-04	1.68E-02	2.62E-01	8.96E-02	0.00E+00
Michigan	Kalamazoo	26077	U	Acrolein	3.26E-02	3.48E-02	4.28E-02	5.15E-02	5.01E-02	5.68E-02	6.33E-02	6.74E-02	5.64E-09	8.18E-03	2.73E-02	1.46E-02	0.00E+00
Michigan	Kalamazoo	26077	U	Acrylonitrile	8.80E-04	9.01E-04	9.66E-04	1.10E-03	1.19E-03	1.30E-03	1.63E-03	1.86E-03	1.82E-05	1.17E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Arsenic Compounds	5.68E-06	7.69E-06	1.20E-05	2.74E-05	3.40E-05	4.67E-05	7.83E-05	9.49E-05	7.90E-09	3.37E-05	3.12E-07	6.00E-09	0.00E+00
Michigan	Kalamazoo	26077	U	Benzene	7.99E-01	8.14E-01	9.40E-01	1.10E+00	1.12E+00	1.28E+00	1.49E+00	1.56E+00	7.93E-03	2.75E-02	4.49E-01	1.61E-01	4.80E-01
Michigan	Kalamazoo	26077	U	Beryllium Compounds	1.18E-06	1.70E-06	3.09E-06	7.13E-06	8.53E-06	1.19E-05	1.72E-05	2.12E-05	4.07E-10	8.53E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	1,3-Butadiene	1.71E-02	1.92E-02	3.14E-02	5.01E-02	5.26E-02	6.92E-02	9.44E-02	1.04E-01	0.00E+00	9.75E-04	3.68E-02	1.48E-02	0.00E+00
Michigan	Kalamazoo	26077	U	Cadmium Compounds	1.30E-05	1.41E-05	2.21E-05	3.40E-05	5.09E-05	5.73E-05	8.41E-05	1.12E-04	9.96E-10	5.09E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	3.34E-08	1.19E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Kalamazoo	26077	U	Chloroform	8.36E-02	8.37E-02	8.38E-02	8.39E-02	8.40E-02	8.41E-02	8.42E-02	8.43E-02	1.94E-07	9.51E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Kalamazoo	26077	U	Chromium Compounds	2.31E-04	3.77E-04	5.39E-04	1.40E-03	2.02E-03	2.50E-03	4.18E-03	7.46E-03	4.57E-06	1.97E-03	1.96E-05	2.58E-05	0.00E+00
Michigan	Kalamazoo	26077	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
Michigan	Kalamazoo	26077	U	1,3-Dichloropropene	9.73E-03	1.36E-02	2.79E-02	4.65E-02	5.10E-02	6.60E-02	9.91E-02	1.08E-01	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Diesel Particulate Matter	1.24E+00	1.26E+00	1.38E+00	1.51E+00	1.59E+00	1.75E+00	2.09E+00	2.39E+00	0.00E+00	0.00E+00	5.95E-01	9.96E-01	***
Michigan	Kalamazoo	26077	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	1.02E-08	1.07E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Kalamazoo	26077	U	Ethylene Dichloride	6.19E-02	6.21E-02	6.22E-02	6.25E-02	6.31E-02	6.29E-02	6.42E-02	6.64E-02	1.96E-03	1.53E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Kalamazoo	26077	U	Ethylene Oxide	1.70E-04	2.45E-04	4.63E-04	1.26E-03	1.86E-03	2.34E-03	3.38E-03	6.20E-03	2.24E-07	1.86E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Formaldehyde	6.30E-01	6.84E-01	8.11E-01	9.08E-01	9.60E-01	1.04E+00	1.32E+00	1.60E+00	1.74E-01	1.61E-01	2.39E-01	1.36E-01	2.50E-01
Michigan	Kalamazoo	26077	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	7.66E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Kalamazoo	26077	U	Hydrazine	1.14E-08	1.38E-08	2.88E-08	9.30E-08	1.80E-07	2.23E-07	4.25E-07	8.18E-07	6.37E-09	1.74E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Lead Compounds	2.50E-04	2.98E-04	4.50E-04	7.76E-04	1.08E-03	1.32E-03	2.06E-03	3.70E-03	2.06E-05	5.23E-04	2.73E-05	5.07E-04	0.00E+00
Michigan	Kalamazoo	26077	U	Manganese Compounds	5.96E-05	6.86E-05	9.26E-05	1.15E-04	1.37E-04	1.52E-04	2.27E-04	2.50E-04	1.30E-05	8.55E-05	8.01E-06	3.02E-05	0.00E+00
Michigan	Kalamazoo	26077	U	Mercury Compounds	1.60E-03	1.61E-03	1.64E-03	1.70E-03	1.87E-03	1.85E-03	2.16E-03	2.43E-03	6.75E-09	3.63E-04	2.65E-07	7.07E-06	1.50E-03
Michigan	Kalamazoo	26077	U	Methylene Chloride	4.06E-01	4.45E-01	5.97E-01	6.92E-01	8.20E-01	8.61E-01	1.27E+00	1.46E+00	5.11E-01	1.58E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Kalamazoo	26077	U	Nickel Compounds	1.61E-04	1.99E-04	2.51E-04	6.59E-04	9.04E-04	1.14E-03	2.18E-03	3.07E-03	1.87E-08	8.75E-04	1.52E-05	1.37E-05	0.00E+00
Michigan	Kalamazoo	26077	U	Perchloroethylene	1.57E-01	1.64E-01	1.85E-01	2.31E-01	2.41E-01	2.88E-01	3.28E-01	3.69E-01	4.30E-05	1.01E-01	0.00E+00	0.00E+00	1.40E-01
Michigan	Kalamazoo	26077	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
Michigan	Kalamazoo	26077	U	Polycyclic Organic Matter	1.26E-02	1.80E-02	3.20E-02	5.46E-02	5.75E-02	7.66E-02	1.06E-01	1.18E-01	5.40E-04	5.67E-02	1.39E-04	6.72E-05	0.00E+00
Michigan	Kalamazoo	26077	U	7-PAH	3.77E-04	4.55E-04	7.09E-04	1.06E-03	1.10E-03	1.38E-03	1.95E-03	2.10E-03	7.75E-12	1.01E-03	6.18E-05	3.14E-05	0.00E+00
Michigan	Kalamazoo	26077	U	Propylene Dichloride	5.52E-05	5.64E-05	6.19E-05	6.85E-05	7.45E-05	8.12E-05	1.00E-04	1.14E-04	1.10E-06	7.34E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Quinoline	3.23E-08	5.31E-08	9.87E-08	3.62E-07	5.52E-07	7.07E-07	1.20E-06	2.18E-06	0.00E+00	5.52E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	1,1,2,2-Tetrachloroethane	4.65E-04	4.76E-04	5.12E-04	5.85E-04	6.28E-04	6.54E-04	8.49E-04	1.00E-03	1.01E-05	6.18E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalamazoo	26077	U	Trichloroethylene	8.48E-02	8.60E-02	8.87E-02	9.99E-02	1.08E-01	1.16E-01	1.59E-01	1.71E-01	1.98E-05	2.69E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Kalamazoo	26077	U	Vinyl Chloride	1.39E-03	1.51E-03	1.66E-03	1.92E-03	2.23E-03	2.57E-03	3.25E-03	4.48E-03	2.49E-05	2.20E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	Acetaldehyde	5.76E-02	5.76E-02	6.34E-02	7.79E-02	7.94E-02	9.15E-02	1.06E-01	1.06E-01	1.09E-03	1.93E-02	3.80E-02	2.10E-02	0.00E+00
Michigan	Kalkaska	26079	R	Acrolein	2.36E-02	2.36E-02	2.43E-02	3.31E-02	2.97E-02	3.36E-02	3.38E-02	3.38E-02	6.81E-08	2.05E-02	4.58E-03	4.58E-03	0.00E+00
Michigan	Kalkaska	26079	R	Acrylonitrile	4.57E-04	4.57E-04	4.66E-04	4.87E-04	5.45E-04	5.65E-04	7.48E-04	7.48E-04	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	Arsenic Compounds	1.69E-06	1.69E-06	2.05E-06	2.60E-06	2.88E-06	3.91E-06							

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Kalkaska	26079	R	1,3-Dichloropropene	2.36E-03	2.36E-03	3.03E-03	3.34E-03	3.95E-03	5.13E-03	5.91E-03	5.91E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	Diesel Particulate Matter	2.53E-01	2.53E-01	2.61E-01	2.77E-01	2.78E-01	2.96E-01	3.03E-01	3.03E-01	0.00E+00	0.00E+00	1.27E-01	1.51E-01	***
Michigan	Kalkaska	26079	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-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Kalkaska	26079	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.37E-08	6.54E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Kalkaska	26079	R	Ethylene Oxide	5.67E-05	5.67E-05	6.00E-05	6.47E-05	8.28E-05	1.12E-04	1.20E-04	1.20E-04	0.00E+00	8.28E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	Formaldehyde	3.73E-01	3.73E-01	3.74E-01	4.11E-01	4.09E-01	4.36E-01	4.49E-01	4.49E-01	7.93E-04	9.26E-02	3.47E-02	3.06E-02	2.50E-01
Michigan	Kalkaska	26079	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.36E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Kalkaska	26079	R	Hydrazine	1.54E-11	1.54E-11	2.70E-11	2.81E-11	4.35E-11	6.77E-11	7.92E-11	7.92E-11	0.00E+00	4.35E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	Lead Compounds	5.36E-05	5.36E-05	5.68E-05	6.55E-05	7.98E-05	9.71E-05	1.26E-04	1.26E-04	1.93E-07	1.58E-05	8.14E-06	5.56E-05	0.00E+00
Michigan	Kalkaska	26079	R	Manganese Compounds	1.10E-05	1.10E-05	1.12E-05	1.19E-05	1.37E-05	1.70E-05	1.72E-05	1.72E-05	1.84E-06	5.01E-06	2.35E-06	4.45E-06	0.00E+00
Michigan	Kalkaska	26079	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	3.00E-08	6.33E-06	8.18E-08	1.14E-06	1.50E-03
Michigan	Kalkaska	26079	R	Methylene Chloride	1.57E-01	1.57E-01	1.57E-01	1.58E-01	1.59E-01	1.61E-01	1.64E-01	1.64E-01	8.88E-08	9.36E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Kalkaska	26079	R	Nickel Compounds	1.81E-05	1.81E-05	1.90E-05	2.03E-05	3.02E-05	3.57E-05	5.78E-05	5.78E-05	8.69E-08	2.35E-05	4.62E-06	2.01E-06	0.00E+00
Michigan	Kalkaska	26079	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	1.32E-08	3.86E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Kalkaska	26079	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
Michigan	Kalkaska	26079	R	Polycyclic Organic Matter	1.13E-02	1.13E-02	1.44E-02	1.60E-02	1.77E-02	2.21E-02	2.50E-02	2.50E-02	8.38E-09	1.77E-02	4.31E-05	2.49E-05	0.00E+00
Michigan	Kalkaska	26079	R	7-PAH	6.01E-04	6.01E-04	6.73E-04	8.68E-04	8.21E-04	9.66E-04	9.95E-04	9.95E-04	1.49E-10	7.89E-04	1.91E-05	1.25E-05	0.00E+00
Michigan	Kalkaska	26079	R	Propylene Dichloride	2.75E-05	2.75E-05	2.80E-05	2.93E-05	3.28E-05	3.40E-05	4.51E-05	4.51E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	Quinoline	4.85E-10	4.85E-10	7.33E-10	7.42E-10	9.50E-10	1.29E-09	1.50E-09	1.50E-09	0.00E+00	9.50E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	1,1,2,2-Tetrachloroethane	2.50E-04	2.50E-04	2.55E-04	2.67E-04	2.99E-04	3.10E-04	4.11E-04	4.11E-04	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Kalkaska	26079	R	Trichloroethylene	8.30E-02	8.30E-02	8.38E-02	8.39E-02	8.39E-02	8.43E-02	8.47E-02	8.47E-02	4.57E-04	2.48E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Kalkaska	26079	R	Vinyl Chloride	6.20E-04	6.20E-04	6.31E-04	6.60E-04	7.40E-04	7.71E-04	1.02E-03	1.02E-03	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Kent	26081	U	Acetaldehyde	3.14E-01	3.64E-01	4.62E-01	4.90E-01	4.81E-01	5.28E-01	5.66E-01	5.77E-01	1.07E-04	2.94E-02	3.14E-01	1.38E-01	0.00E+00
Michigan	Kent	26081	U	Acrolein	4.42E-02	5.05E-02	6.57E-02	7.05E-02	6.90E-02	7.53E-02	8.07E-02	8.27E-02	3.40E-06	9.94E-03	3.41E-02	2.50E-02	0.00E+00
Michigan	Kent	26081	U	Acrylonitrile	2.10E-03	2.20E-03	2.34E-03	2.57E-03	2.77E-03	3.14E-03	3.58E-03	4.13E-03	1.56E-03	1.22E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Kent	26081	U	Arsenic Compounds	1.05E-05	1.35E-05	2.76E-05	4.50E-05	4.58E-05	5.91E-05	7.07E-05	7.62E-05	5.49E-06	3.99E-05	3.28E-07	1.39E-08	0.00E+00
Michigan	Kent	26081	U	Benzene	8.75E-01	9.30E-01	1.21E+00	1.31E+00	1.32E+00	1.48E+00	1.69E+00	1.73E+00	4.98E-03	3.44E-02	5.56E-01	2.49E-01	4.80E-01
Michigan	Kent	26081	U	Beryllium Compounds	1.90E-06	2.56E-06	6.10E-06	9.88E-06	1.02E-05	1.39E-05	1.81E-05	1.96E-05	2.68E-07	9.91E-06	0.00E+00	4.21E-11	0.00E+00
Michigan	Kent	26081	U	1,3-Butadiene	2.32E-02	2.66E-02	4.84E-02	6.32E-02	6.58E-02	8.06E-02	1.05E-01	1.10E-01	0.00E+00	1.03E-03	4.30E-02	2.18E-02	0.00E+00
Michigan	Kent	26081	U	Cadmium Compounds	1.35E-05	1.64E-05	2.06E-05	2.43E-05	2.61E-05	3.06E-05	3.63E-05	3.99E-05	9.14E-07	2.52E-05	0.00E+00	5.84E-10	0.00E+00
Michigan	Kent	26081	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.85E-06	2.20E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Kent	26081	U	Chloroform	8.41E-02	8.42E-02	8.43E-02	8.43E-02	8.44E-02	8.45E-02	8.47E-02	8.48E-02	1.66E-05	1.38E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Kent	26081	U	Chromium Compounds	1.05E-03	1.48E-03	2.67E-03	4.10E-03	7.57E-03	8.26E-03	1.37E-02	1.94E-02	3.98E-06	7.51E-03	2.10E-05	3.57E-05	0.00E+00
Michigan	Kent	26081	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
Michigan	Kent	26081	U	1,3-Dichloropropene	1.51E-02	1.97E-02	4.34E-02	6.60E-02	6.81E-02	8.62E-02	1.18E-01	1.26E-01	0.00E+00	6.81E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Kent	26081	U	Diesel Particulate Matter	1.15E+00	1.17E+00	1.23E+00	1.35E+00	1.43E+00	1.49E+00	1.62E+00	1.93E+00	0.00E+00	0.00E+00	4.77E-01	9.50E-01	***
Michigan	Kent	26081	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	8.71E-07	2.85E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Kent	26081	U	Ethylene Dichloride	6.13E-02	6.13E-02	6.13E-02	6.14E-02	6.14E-02	6.14E-02	6.15E-02	6.16E-02	1.89E-04	1.94E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Kent	26081	U	Ethylene Oxide	3.37E-04	4.59E-04	8.36E-04	1.72E-03	2.08E-03	2.77E-03	4.46E-03	5.48E-03	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Kent	26081	U	Formaldehyde	6.15E-01	6.40E-01	7.45E-01	7.81E-01	7.85E-01	8.40E-01	8.96E-01	9.40E-01	1.47E-03	2.79E-02	2.92E-01	2.14E-01	2.50E-01
Michigan	Kent	26081	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	7.30E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Kent	26081	U	Hydrazine	2.94E-08	7.01E-08	1.81E-07	3.64E-07	8.93E-07	9.55E-07	1.74E-06	2.46E-06	4.44E-11	8.93E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Kent	26081	U	Lead Compounds	8.16E-04	1.06E-03	1.36E-03	1.67E-03	2.17E-03	2.11E-03	3.71E-03	4.46E-03	7.85E-06	5.90E-04	2.94E-05	1.54E-03	0.00E+00
Michigan	Kent	26081	U	Manganese Compounds	5.52E-04	6.22E-04	1.23E-03	1.73E-03	2.36E-03	2.60E-03	3.58E-03	4.86E-03	6.71E-06	2.31E-03	8.57E-06	4.15E-05	0.00E+00
Michigan	Kent	26081	U	Mercury Compounds	1.63E-03	1.64E-03	1.64E-03	1.66E-03	1.67E-03	1.68E-03	1.71E-03	1.73E-03	2.47E-05	1.33E-04	2.82E-07	9.85E-06	1.50E-03
Michigan	Kent	26081	U	Methylene Chloride	2.00E-01	2.15E-01	2.63E-01	3.47E-01	3.95E-01	4.45E-01	5.48E-01	6.16E-01	5.58E-03	2.39E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Kent	26081	U	Nickel Compounds	2.64E-04	3.50E-04	5.99E-04	9.86E-04	1.54E-03	1.72E-03	2.64E-03	3.56E-03	3.95E-06	1.50E-03	1.63E-05	1.88E-05	0.00E+00
Michigan	Kent	26081	U	Perchloroethylene	1.65E-01	1.70E-01	2.05E-01	2.40E-01	2.44E-01	2.78E-01	3.16E-01	3.30E-01	2.84E-03	1.01E			

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Kent	26081	U	Quinoline	3.41E-07	5.32E-07	9.61E-07	1.50E-06	2.79E-06	3.07E-06	5.13E-06	7.26E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Kent	26081	U	1,1,2,2-Tetrachloroethane	1.11E-03	1.15E-03	1.23E-03	1.35E-03	1.46E-03	1.61E-03	1.92E-03	2.24E-03	8.63E-04	5.95E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Kent	26081	U	Trichloroethylene	9.65E-02	1.01E-01	1.17E-01	1.51E-01	2.22E-01	2.14E-01	3.53E-01	5.42E-01	1.09E-01	3.16E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Kent	26081	U	Vinyl Chloride	2.98E-03	3.10E-03	3.29E-03	3.69E-03	3.95E-03	4.42E-03	4.99E-03	5.78E-03	2.13E-03	1.82E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	Acetaldehyde	7.52E-02	7.52E-02	7.52E-02	9.75E-02	9.04E-02	9.84E-02	9.84E-02	9.84E-02	0.00E+00	5.19E-03	4.71E-03	8.05E-02	0.00E+00
Michigan	Keweenaw	26083	R	Acrolein	1.01E-02	1.01E-02	1.01E-02	1.03E-02	1.45E-02	2.31E-02	2.31E-02	2.31E-02	0.00E+00	6.90E-03	5.98E-04	7.00E-03	0.00E+00
Michigan	Keweenaw	26083	R	Acrylonitrile	1.76E-05	1.76E-05	1.76E-05	5.81E-05	1.84E-04	4.75E-04	4.75E-04	4.75E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	Arsenic Compounds	8.44E-10	8.44E-10	8.44E-10	1.52E-07	7.46E-07	2.08E-06	2.08E-06	2.08E-06	0.00E+00	7.25E-07	2.05E-08	4.81E-11	0.00E+00
Michigan	Keweenaw	26083	R	Benzene	6.79E-01	6.79E-01	6.79E-01	7.07E-01	7.07E-01	7.35E-01	7.35E-01	7.35E-01	0.00E+00	1.41E-02	7.98E-03	2.05E-01	4.80E-01
Michigan	Keweenaw	26083	R	Beryllium Compounds	3.55E-10	3.55E-10	3.55E-10	1.88E-08	7.86E-08	2.17E-07	2.17E-07	2.17E-07	0.00E+00	7.86E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	1,3-Butadiene	1.31E-02	1.31E-02	1.31E-02	1.32E-02	1.59E-02	2.14E-02	2.14E-02	2.14E-02	0.00E+00	2.98E-03	6.12E-04	1.23E-02	0.00E+00
Michigan	Keweenaw	26083	R	Cadmium Compounds	4.22E-10	4.22E-10	4.22E-10	6.08E-08	3.38E-07	9.52E-07	9.52E-07	9.52E-07	0.00E+00	3.38E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	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	3.88E-06	0.00E+00	0.00E+00	8.80E-01
Michigan	Keweenaw	26083	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	2.57E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Keweenaw	26083	R	Chromium Compounds	1.30E-08	1.30E-08	1.30E-08	7.54E-07	3.29E-06	9.12E-06	9.12E-06	9.12E-06	0.00E+00	1.26E-06	1.23E-06	8.06E-07	0.00E+00
Michigan	Keweenaw	26083	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
Michigan	Keweenaw	26083	R	1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	1.56E-04	7.89E-04	2.21E-03	2.21E-03	2.21E-03	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	Diesel Particulate Matter	4.73E-02	4.73E-02	4.73E-02	5.18E-02	6.35E-02	9.13E-02	9.13E-02	9.13E-02	0.00E+00	0.00E+00	1.83E-02	4.51E-02	***
Michigan	Keweenaw	26083	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	1.02E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Keweenaw	26083	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	0.00E+00	2.21E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Keweenaw	26083	R	Ethylene Oxide	1.17E-07	1.17E-07	1.17E-07	2.57E-06	1.38E-05	3.88E-05	3.88E-05	3.88E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	Formaldehyde	3.14E-01	3.14E-01	3.14E-01	3.20E-01	3.40E-01	3.86E-01	3.86E-01	3.86E-01	0.00E+00	3.07E-02	4.83E-03	5.46E-02	2.50E-01
Michigan	Keweenaw	26083	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	8.18E-10	0.00E+00	0.00E+00	9.30E-05
Michigan	Keweenaw	26083	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	2.03E-12	2.38E-11	6.94E-11	6.94E-11	6.94E-11	0.00E+00	2.38E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	Lead Compounds	1.53E-09	1.53E-09	1.53E-09	1.47E-05	2.99E-05	7.50E-05	7.50E-05	7.50E-05	0.00E+00	4.45E-06	1.71E-06	2.37E-05	0.00E+00
Michigan	Keweenaw	26083	R	Manganese Compounds	2.40E-08	2.40E-08	2.40E-08	8.08E-06	4.32E-05	1.22E-04	1.22E-04	1.22E-04	0.00E+00	4.18E-05	5.04E-07	8.94E-07	0.00E+00
Michigan	Keweenaw	26083	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	1.53E-06	1.68E-08	2.27E-07	1.50E-03
Michigan	Keweenaw	26083	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.52E-01	1.55E-01	1.55E-01	1.55E-01	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Keweenaw	26083	R	Nickel Compounds	2.46E-08	2.46E-08	2.46E-08	9.42E-07	3.41E-06	9.28E-06	9.28E-06	9.28E-06	0.00E+00	2.06E-06	9.61E-07	3.90E-07	0.00E+00
Michigan	Keweenaw	26083	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	6.67E-04	0.00E+00	0.00E+00	1.40E-01
Michigan	Keweenaw	26083	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
Michigan	Keweenaw	26083	R	Polycyclic Organic Matter	3.87E-04	3.87E-04	3.87E-04	1.26E-03	3.80E-03	9.76E-03	9.76E-03	9.76E-03	0.00E+00	3.69E-03	8.74E-06	1.05E-04	0.00E+00
Michigan	Keweenaw	26083	R	7-PAH	1.09E-04	1.09E-04	1.09E-04	1.66E-04	3.03E-04	6.34E-04	6.34E-04	6.34E-04	0.00E+00	2.45E-04	3.88E-06	5.45E-05	0.00E+00
Michigan	Keweenaw	26083	R	Propylene Dichloride	1.06E-06	1.06E-06	1.06E-06	3.51E-06	1.11E-05	2.87E-05	2.87E-05	2.87E-05	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	6.07E-11	3.12E-10	8.74E-10	8.74E-10	8.74E-10	0.00E+00	3.12E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	1,1,2,2-Tetrachloroethane	9.71E-06	9.71E-06	9.71E-06	3.21E-05	1.01E-04	2.62E-04	2.62E-04	2.62E-04	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Keweenaw	26083	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.13E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	3.14E-04	0.00E+00	0.00E+00	8.10E-02
Michigan	Keweenaw	26083	R	Vinyl Chloride	2.39E-05	2.39E-05	2.39E-05	7.91E-05	2.49E-04	6.45E-04	6.45E-04	6.45E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lake	26085	R	Acetaldehyde	4.17E-02	4.17E-02	4.84E-02	5.41E-02	5.38E-02	5.88E-02	6.56E-02	6.56E-02	1.17E-04	1.39E-02	1.92E-02	2.06E-02	0.00E+00
Michigan	Lake	26085	R	Acrolein	1.92E-02	1.92E-02	2.13E-02	2.28E-02	2.50E-02	2.98E-02	3.27E-02	3.27E-02	0.00E+00	1.79E-02	2.33E-03	4.72E-03	0.00E+00
Michigan	Lake	26085	R	Acrylonitrile	2.56E-04	2.56E-04	3.67E-04	4.34E-04	4.20E-04	4.68E-04	5.98E-04	5.98E-04	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lake	26085	R	Arsenic Compounds	1.08E-06	1.08E-06	1.15E-06	1.38E-06	1.63E-06	2.21E-06	2.54E-06	2.54E-06	0.00E+00	1.49E-06	5.58E-08	9.09E-08	0.00E+00
Michigan	Lake	26085	R	Benzene	6.09E-01	6.09E-01	6.14E-01	6.34E-01	6.42E-01	6.53E-01	7.03E-01	7.03E-01	1.09E-03	3.56E-02	2.60E-02	9.90E-02	4.80E-01
Michigan	Lake	26085	R	Beryllium Compounds	1.22E-07	1.22E-07	1.40E-07	1.90E-07	2.17E-07	2.96E-07	3.63E-07	3.63E-07	0.00E+00	2.16E-07	0.00E+00	6.74E-10	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Lake	26085	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.35E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Lake	26085	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	5.07E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Lake	26085	R	Ethylene Oxide	1.07E-05	1.07E-05	1.14E-05	1.35E-05	1.33E-05	1.43E-05	1.55E-05	1.55E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Lake	26085	R	Formaldehyde	3.43E-01	3.43E-01	3.49E-01	3.61E-01	3.70E-01	3.92E-01	4.08E-01	4.08E-01	5.60E-04	7.62E-02	1.81E-02	2.54E-02	2.50E-01
Michigan	Lake	26085	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	8.48E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Lake	26085	R	Hydrazine	4.23E-11	4.23E-11	6.75E-11	8.82E-11	1.00E-10	9.60E-11	2.27E-10	2.27E-10	0.00E+00	1.00E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Lake	26085	R	Lead Compounds	9.26E-06	9.26E-06	1.06E-05	1.17E-05	1.20E-05	1.36E-05	1.45E-05	1.45E-05	0.00E+00	6.64E-06	4.73E-06	6.04E-07	0.00E+00
Michigan	Lake	26085	R	Manganese Compounds	6.20E-06	6.20E-06	8.64E-06	9.21E-06	1.06E-05	1.44E-05	1.53E-05	1.53E-05	0.00E+00	6.54E-06	1.37E-06	2.74E-06	0.00E+00
Michigan	Lake	26085	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	0.00E+00	3.66E-06	4.70E-08	6.08E-07	1.50E-03
Michigan	Lake	26085	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.56E-01	1.58E-01	1.60E-01	1.60E-01	1.34E-05	5.59E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Lake	26085	R	Nickel Compounds	9.80E-06	9.80E-06	1.05E-05	1.28E-05	1.38E-05	1.76E-05	2.10E-05	2.10E-05	0.00E+00	7.23E-06	2.67E-06	3.90E-06	0.00E+00
Michigan	Lake	26085	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	0.00E+00	2.86E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Lake	26085	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
Michigan	Lake	26085	R	Polycyclic Organic Matter	7.16E-03	7.16E-03	8.29E-03	1.09E-02	1.18E-02	1.65E-02	1.75E-02	1.75E-02	0.00E+00	1.17E-02	2.48E-05	5.84E-05	0.00E+00
Michigan	Lake	26085	R	7-PAH	5.24E-04	5.24E-04	5.24E-04	6.16E-04	6.94E-04	9.28E-04	9.69E-04	9.69E-04	0.00E+00	6.53E-04	1.10E-05	3.02E-05	0.00E+00
Michigan	Lake	26085	R	Propylene Dichloride	1.54E-05	1.54E-05	2.21E-05	2.62E-05	2.53E-05	2.82E-05	3.61E-05	3.61E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Lake	26085	R	Quinoline	1.40E-09	1.40E-09	1.43E-09	2.11E-09	2.09E-09	2.37E-09	3.41E-09	3.41E-09	0.00E+00	2.09E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Lake	26085	R	1,1,2,2-Tetrachloroethane	1.40E-04	1.40E-04	2.01E-04	2.39E-04	2.31E-04	2.57E-04	3.29E-04	3.29E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lake	26085	R	Trichloroethylene	8.17E-02	8.17E-02	8.18E-02	8.19E-02	8.20E-02	8.21E-02	8.23E-02	8.23E-02	2.08E-04	7.63E-04	0.00E+00	0.00E+00	8.10E-02
Michigan	Lake	26085	R	Vinyl Chloride	3.46E-04	3.46E-04	4.96E-04	5.88E-04	5.69E-04	6.33E-04	8.10E-04	8.10E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lapeer	26087	U	Acetaldehyde	1.82E-01	2.68E-01	2.93E-01	3.60E-01	3.68E-01	4.38E-01	5.26E-01	5.31E-01	4.16E-06	3.81E-02	2.47E-01	8.34E-02	0.00E+00
Michigan	Lapeer	26087	U	Acrolein	3.00E-02	4.05E-02	4.40E-02	5.56E-02	5.47E-02	6.53E-02	7.00E-02	7.19E-02	1.03E-08	7.43E-03	2.45E-02	2.28E-02	0.00E+00
Michigan	Lapeer	26087	U	Acrylonitrile	1.32E-03	1.70E-03	1.96E-03	2.39E-03	2.36E-03	2.78E-03	3.07E-03	3.33E-03	1.39E-03	9.72E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lapeer	26087	U	Arsenic Compounds	3.31E-06	5.62E-06	7.61E-06	1.14E-05	2.31E-04	2.53E-05	9.84E-04	1.30E-03	2.20E-04	1.05E-05	1.82E-07	5.46E-08	0.00E+00
Michigan	Lapeer	26087	U	Benzene	7.95E-01	8.92E-01	9.75E-01	1.02E+00	1.04E+00	1.12E+00	1.24E+00	1.31E+00	3.63E-03	2.63E-02	2.44E-01	2.85E-01	4.80E-01
Michigan	Lapeer	26087	U	Beryllium Compounds	9.86E-07	1.78E-06	2.51E-06	2.88E-06	3.37E-06	3.50E-06	6.18E-06	7.77E-06	7.57E-10	3.37E-06	0.00E+00	3.37E-10	0.00E+00
Michigan	Lapeer	26087	U	1,3-Butadiene	1.37E-02	1.68E-02	1.77E-02	2.29E-02	2.40E-02	2.36E-02	3.78E-02	4.73E-02	0.00E+00	1.67E-03	1.06E-02	1.18E-02	0.00E+00
Michigan	Lapeer	26087	U	Cadmium Compounds	3.89E-06	6.30E-06	9.21E-06	1.63E-05	1.45E-05	2.02E-05	2.19E-05	2.34E-05	2.42E-06	1.21E-05	0.00E+00	4.66E-09	0.00E+00
Michigan	Lapeer	26087	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.55E-06	1.42E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Lapeer	26087	U	Chloroform	8.35E-02	8.37E-02	8.38E-02	8.40E-02	8.40E-02	8.42E-02	8.42E-02	8.45E-02	1.48E-05	9.75E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Lapeer	26087	U	Chromium Compounds	5.12E-04	5.34E-04	5.90E-04	1.01E-03	1.63E-03	1.60E-03	4.85E-03	5.56E-03	4.85E-05	1.54E-03	1.19E-05	2.56E-05	0.00E+00
Michigan	Lapeer	26087	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
Michigan	Lapeer	26087	U	1,3-Dichloropropene	7.79E-03	1.36E-02	1.54E-02	1.90E-02	2.19E-02	2.27E-02	3.47E-02	5.18E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Lapeer	26087	U	Diesel Particulate Matter	9.19E-01	9.69E-01	1.06E+00	1.13E+00	1.13E+00	1.18E+00	1.33E+00	1.34E+00	0.00E+00	0.00E+00	4.43E-01	6.88E-01	***
Michigan	Lapeer	26087	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.77E-07	6.03E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Lapeer	26087	U	Ethylene Dichloride	6.12E-02	6.12E-02	6.12E-02	6.13E-02	6.13E-02	6.13E-02	6.14E-02	6.14E-02	1.68E-04	1.15E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Lapeer	26087	U	Ethylene Oxide	1.25E-04	2.11E-04	3.37E-04	6.63E-04	7.58E-04	8.76E-04	1.76E-03	1.81E-03	0.00E+00	7.58E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lapeer	26087	U	Formaldehyde	4.69E-01	5.67E-01	6.25E-01	7.13E-01	8.49E-01	7.71E-01	1.70E+00	1.94E+00	8.56E-04	2.74E-01	1.84E-01	1.41E-01	2.50E-01
Michigan	Lapeer	26087	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.87E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Lapeer	26087	U	Hydrazine	2.12E-09	2.61E-09	4.07E-09	7.16E-09	1.82E-08	1.37E-08	6.32E-08	8.47E-08	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Lapeer	26087	U	Lead Compounds	5.81E-05	9.11E-05	1.43E-04	2.30E-04	2.82E-04	4.05E-04	5.73E-04	6.44E-04	9.43E-05	1.56E-04	1.63E-05	1.53E-05	0.00E+00
Michigan	Lapeer	26087	U	Manganese Compounds	4.92E-05	9.22E-05	1.35E-04	2.50E-04	2.95E-04	2.63E-04	7.29E-04	8.39E-04	1.31E-04	1.31E-04	4.64E-06	2.80E-05	0.00E+00
Michigan	Lapeer	26087	U	Mercury Compounds	1.54E-03	1.56E-03	1.58E-03	1.62E-03	1.61E-03	1.65E-03	1.66E-03	1.67E-03	2.32E-05	8.15E-05	1.61E-07	7.40E-06	1.50E-03
Michigan	Lapeer	26087	U	Methylene Chloride	1.72E-01	1.86E-01	1.95E-01	2.12E-01	2.18E-01	2.18E-01	2.85E-01	3.15E-01	4.90E-03	6.31E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Lapeer	26087	U	Nickel Compounds	7.02E-05	1.01E-04	1.24E-04	3.73E-04	3.38E-04	4.88E-04	5.85E-04	6.72E-04	4.26E-07	3.15E-04	9.25E-06	1.30E-05	0.00E+00
Michigan	Lapeer	26087	U	Perchloroethylene	1.48E-01	1.53E-01	1.58E-01	1.62E-01	1.63E-01	1.67E-01	1.80E-01	1.88E-01	2.49E-03	2.09E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Lapeer	26087	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
Michigan	Lapeer	26087	U	Polycyclic Organic Matter	1.07E-02	1.79E-02	2.09E-02	2.52E-02	2.82E-02	3.02E-02	4.33E-02	6.06E-02	1.13E-07				

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Lapeer	26087	U	Trichloroethylene	8.37E-02	8.53E-02	8.67E-02	9.03E-02	9.15E-02	9.56E-02	9.90E-02	1.01E-01	3.02E-03	7.46E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Lapeer	26087	U	Vinyl Chloride	1.77E-03	2.29E-03	2.63E-03	3.24E-03	3.18E-03	3.73E-03	4.14E-03	4.47E-03	1.90E-03	1.28E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	Acetaldehyde	1.46E-01	1.46E-01	1.63E-01	1.91E-01	1.94E-01	2.25E-01	2.46E-01	2.46E-01	3.80E-08	1.11E-02	4.60E-02	1.37E-01	0.00E+00
Michigan	Leelanau	26089	R	Acrolein	2.30E-02	2.30E-02	2.84E-02	3.33E-02	3.24E-02	3.75E-02	3.85E-02	3.85E-02	1.93E-08	8.65E-03	5.53E-03	1.82E-02	0.00E+00
Michigan	Leelanau	26089	R	Acrylonitrile	1.60E-04	1.60E-04	2.72E-04	2.90E-04	2.83E-04	3.03E-04	3.86E-04	3.86E-04	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	Arsenic Compounds	1.50E-06	1.50E-06	2.58E-06	3.73E-06	4.47E-06	6.26E-06	9.00E-06	9.00E-06	3.25E-08	4.29E-06	1.23E-07	2.33E-08	0.00E+00
Michigan	Leelanau	26089	R	Benzene	8.52E-01	8.52E-01	8.84E-01	8.96E-01	9.36E-01	1.04E+00	1.05E+00	1.05E+00	1.18E-07	2.15E-02	6.01E-02	3.74E-01	4.80E-01
Michigan	Leelanau	26089	R	Beryllium Compounds	2.41E-07	2.41E-07	3.97E-07	5.76E-07	7.10E-07	1.02E-06	1.45E-06	1.45E-06	1.85E-09	7.08E-07	0.00E+00	1.60E-10	0.00E+00
Michigan	Leelanau	26089	R	1,3-Butadiene	1.88E-02	1.88E-02	2.04E-02	2.12E-02	2.45E-02	3.23E-02	3.28E-02	3.28E-02	0.00E+00	1.93E-03	3.39E-03	1.91E-02	0.00E+00
Michigan	Leelanau	26089	R	Cadmium Compounds	1.08E-06	1.08E-06	1.45E-06	1.88E-06	2.29E-06	3.14E-06	4.33E-06	4.33E-06	4.35E-09	2.29E-06	0.00E+00	2.22E-09	0.00E+00
Michigan	Leelanau	26089	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	2.10E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Leelanau	26089	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.51E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Leelanau	26089	R	Chromium Compounds	9.76E-06	9.76E-06	1.68E-05	2.17E-05	2.61E-05	3.69E-05	4.98E-05	4.98E-05	2.13E-08	1.23E-05	7.71E-06	6.06E-06	0.00E+00
Michigan	Leelanau	26089	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
Michigan	Leelanau	26089	R	1,3-Dichloropropene	2.12E-03	2.12E-03	3.68E-03	5.34E-03	6.42E-03	8.95E-03	1.31E-02	1.31E-02	0.00E+00	6.42E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	Diesel Particulate Matter	2.60E-01	2.60E-01	2.86E-01	3.13E-01	3.15E-01	3.53E-01	3.62E-01	3.62E-01	0.00E+00	0.00E+00	1.23E-01	1.91E-01	***
Michigan	Leelanau	26089	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	1.55E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Leelanau	26089	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	3.62E-09	3.38E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Leelanau	26089	R	Ethylene Oxide	5.92E-05	5.92E-05	9.37E-05	1.69E-04	2.09E-04	3.38E-04	4.23E-04	4.23E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	Formaldehyde	4.01E-01	4.01E-01	4.11E-01	4.46E-01	4.45E-01	4.73E-01	4.96E-01	4.96E-01	7.66E-06	3.51E-02	4.18E-02	1.19E-01	2.50E-01
Michigan	Leelanau	26089	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	3.02E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Leelanau	26089	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	5.03E-12	1.17E-11	1.70E-11	4.29E-11	4.29E-11	0.00E+00	1.17E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	Lead Compounds	5.07E-05	5.07E-05	8.24E-05	1.70E-04	1.79E-04	2.84E-04	3.16E-04	3.16E-04	3.48E-08	2.81E-05	1.06E-05	1.40E-04	0.00E+00
Michigan	Leelanau	26089	R	Manganese Compounds	6.87E-06	6.87E-06	9.91E-06	1.49E-05	1.68E-05	2.33E-05	3.07E-05	3.07E-05	3.97E-08	7.12E-06	3.07E-06	6.53E-06	0.00E+00
Michigan	Leelanau	26089	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	7.69E-09	1.24E-05	1.06E-07	1.73E-06	1.50E-03
Michigan	Leelanau	26089	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.61E-01	1.63E-01	1.69E-01	1.74E-01	1.74E-01	2.40E-08	1.32E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Leelanau	26089	R	Nickel Compounds	1.39E-05	1.39E-05	2.07E-05	2.91E-05	3.48E-05	4.93E-05	6.69E-05	6.69E-05	2.22E-08	2.54E-05	5.98E-06	3.39E-06	0.00E+00
Michigan	Leelanau	26089	R	Perchloroethylene	1.45E-01	1.45E-01	1.49E-01	1.55E-01	1.56E-01	1.64E-01	1.72E-01	1.72E-01	3.56E-09	1.64E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Leelanau	26089	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
Michigan	Leelanau	26089	R	Polycyclic Organic Matter	9.44E-03	9.44E-03	1.60E-02	2.19E-02	2.60E-02	3.66E-02	5.04E-02	5.04E-02	2.15E-09	2.58E-02	5.58E-05	1.96E-04	0.00E+00
Michigan	Leelanau	26089	R	7-PAH	4.14E-04	4.14E-04	4.96E-04	7.00E-04	7.79E-04	1.04E-03	1.32E-03	1.32E-03	3.88E-11	6.54E-04	2.48E-05	1.01E-04	0.00E+00
Michigan	Leelanau	26089	R	Propylene Dichloride	9.55E-06	9.55E-06	1.63E-05	1.73E-05	1.70E-05	1.82E-05	2.32E-05	2.32E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.41E-10	3.36E-10	4.93E-10	1.24E-09	1.24E-09	0.00E+00	3.36E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	1,1,2,2-Tetrachloroethane	8.64E-05	8.64E-05	1.47E-04	1.56E-04	1.53E-04	1.65E-04	2.11E-04	2.11E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Leelanau	26089	R	Trichloroethylene	8.22E-02	8.22E-02	8.24E-02	8.32E-02	8.35E-02	8.48E-02	8.54E-02	8.54E-02	0.00E+00	2.52E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Leelanau	26089	R	Vinyl Chloride	2.13E-04	2.13E-04	3.63E-04	3.84E-04	3.78E-04	4.05E-04	5.18E-04	5.18E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lenawee	26091	U	Acetaldehyde	1.19E-01	1.29E-01	1.81E-01	2.36E-01	2.19E-01	2.58E-01	2.86E-01	2.92E-01	1.65E-04	1.53E-02	1.49E-01	5.41E-02	0.00E+00
Michigan	Lenawee	26091	U	Acrolein	1.72E-02	1.92E-02	2.										

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Lenawee	26091	U	Ethylene Oxide	1.46E-04	1.71E-04	2.88E-04	4.08E-04	5.94E-04	7.51E-04	1.16E-03	1.85E-03	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lenawee	26091	U	Formaldehyde	3.91E-01	3.99E-01	4.52E-01	5.05E-01	5.03E-01	5.67E-01	5.72E-01	5.95E-01	4.65E-01	2.33E-02	1.35E-01	9.05E-02	2.50E-01
Michigan	Lenawee	26091	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.39E-05	0.00E+00	2.32E-07	0.00E+00	0.00E+00	9.30E-05
Michigan	Lenawee	26091	U	Hydrazine	7.62E-09	9.78E-09	1.27E-08	3.91E-08	1.07E-07	1.17E-07	3.56E-07	5.20E-07	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Lenawee	26091	U	Lead Compounds	1.29E-04	1.64E-04	2.12E-04	3.42E-04	3.40E-04	4.27E-04	4.94E-04	6.70E-04	2.86E-05	2.23E-04	3.28E-05	5.50E-05	0.00E+00
Michigan	Lenawee	26091	U	Manganese Compounds	3.00E-04	3.76E-04	4.87E-04	6.74E-04	1.21E-03	1.33E-03	3.06E-03	4.33E-03	1.09E-04	1.07E-03	9.56E-06	2.20E-05	0.00E+00
Michigan	Lenawee	26091	U	Mercury Compounds	1.53E-03	1.53E-03	1.56E-03	1.58E-03	1.58E-03	1.60E-03	1.61E-03	1.62E-03	3.77E-06	6.87E-05	3.18E-07	5.23E-06	1.50E-03
Michigan	Lenawee	26091	U	Methylene Chloride	1.75E-01	1.76E-01	1.85E-01	1.92E-01	2.22E-01	2.71E-01	3.22E-01	3.34E-01	4.65E-04	7.19E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Lenawee	26091	U	Nickel Compounds	1.34E-04	1.52E-04	1.91E-04	3.98E-04	4.02E-04	5.74E-04	6.99E-04	7.24E-04	1.07E-04	2.58E-04	1.82E-05	1.88E-05	0.00E+00
Michigan	Lenawee	26091	U	Perchloroethylene	1.49E-01	1.50E-01	1.53E-01	1.59E-01	1.68E-01	1.89E-01	2.00E-01	2.06E-01	1.36E-04	2.76E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Lenawee	26091	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
Michigan	Lenawee	26091	U	Polycyclic Organic Matter	1.01E-02	1.11E-02	1.40E-02	2.11E-02	3.08E-02	5.50E-02	6.48E-02	6.76E-02	8.15E-04	2.98E-02	1.67E-04	2.55E-05	0.00E+00
Michigan	Lenawee	26091	U	7-PAH	3.46E-04	3.51E-04	4.59E-04	5.95E-04	7.60E-04	1.20E-03	1.38E-03	1.43E-03	7.72E-09	6.73E-04	7.42E-05	1.23E-05	0.00E+00
Michigan	Lenawee	26091	U	Propylene Dichloride	3.65E-05	3.78E-05	4.73E-05	6.10E-05	5.96E-05	7.41E-05	7.75E-05	8.03E-05	4.03E-06	5.55E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Lenawee	26091	U	Quinoline	6.71E-08	7.00E-08	1.05E-07	1.64E-07	3.51E-07	4.18E-07	9.99E-07	1.41E-06	0.00E+00	3.51E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Lenawee	26091	U	1,1,2,2-Tetrachloroethane	3.24E-04	3.30E-04	4.10E-04	5.17E-04	5.09E-04	6.20E-04	6.56E-04	6.82E-04	3.69E-05	4.72E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Lenawee	26091	U	Trichloroethylene	8.46E-02	8.53E-02	8.66E-02	8.82E-02	9.03E-02	9.41E-02	9.91E-02	1.03E-01	8.53E-04	8.42E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Lenawee	26091	U	Vinyl Chloride	8.69E-04	9.64E-04	1.24E-03	1.54E-03	1.71E-03	2.13E-03	2.78E-03	3.36E-03	9.09E-05	1.62E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Livingston	26093	U	Acetaldehyde	2.79E-01	2.82E-01	3.29E-01	3.92E-01	3.88E-01	4.47E-01	4.81E-01	5.08E-01	3.52E-05	2.02E-02	2.64E-01	1.04E-01	0.00E+00
Michigan	Livingston	26093	U	Acrolein	3.88E-02	4.00E-02	4.54E-02	5.77E-02	5.71E-02	6.69E-02	7.19E-02	7.46E-02	1.58E-06	7.40E-03	2.94E-02	2.03E-02	0.00E+00
Michigan	Livingston	26093	U	Acrylonitrile	9.80E-04	1.00E-03	1.12E-03	1.35E-03	1.39E-03	1.47E-03	1.94E-03	2.00E-03	6.72E-04	7.15E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Livingston	26093	U	Arsenic Compounds	8.92E-06	9.03E-06	1.01E-05	1.49E-05	1.81E-05	2.17E-05	3.10E-05	4.34E-05	2.45E-06	1.54E-05	2.70E-07	3.09E-08	0.00E+00
Michigan	Livingston	26093	U	Benzene	7.99E-01	8.26E-01	8.68E-01	1.01E+00	1.02E+00	1.10E+00	1.15E+00	1.43E+00	2.26E-03	2.94E-02	3.39E-01	1.68E-01	4.80E-01
Michigan	Livingston	26093	U	Beryllium Compounds	2.47E-06	2.69E-06	4.06E-06	5.95E-06	8.61E-06	1.28E-05	1.57E-05	2.28E-05	1.25E-07	8.48E-06	0.00E+00	1.84E-10	0.00E+00
Michigan	Livingston	26093	U	1,3-Butadiene	1.31E-02	1.45E-02	1.62E-02	2.28E-02	2.73E-02	2.73E-02	3.64E-02	7.76E-02	4.96E-11	1.41E-03	1.86E-02	7.20E-03	0.00E+00
Michigan	Livingston	26093	U	Cadmium Compounds	9.37E-06	1.02E-05	1.38E-05	2.23E-05	2.19E-05	2.75E-05	3.19E-05	3.45E-05	5.32E-07	2.14E-05	0.00E+00	2.55E-09	0.00E+00
Michigan	Livingston	26093	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	1.23E-06	1.57E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Livingston	26093	U	Chloroform	8.38E-02	8.39E-02	8.39E-02	8.40E-02	8.41E-02	8.41E-02	8.42E-02	8.45E-02	7.17E-06	1.05E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Livingston	26093	U	Chromium Compounds	1.83E-04	2.14E-04	2.66E-04	5.42E-04	5.83E-04	6.57E-04	9.74E-04	1.08E-03	5.03E-06	5.27E-04	1.67E-05	3.40E-05	0.00E+00
Michigan	Livingston	26093	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
Michigan	Livingston	26093	U	1,3-Dichloropropene	1.37E-02	1.69E-02	1.91E-02	2.84E-02	3.43E-02	3.78E-02	5.30E-02	9.48E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Livingston	26093	U	Diesel Particulate Matter	1.32E+00	1.34E+00	1.36E+00	1.46E+00	1.51E+00	1.57E+00	1.71E+00	1.95E+00	0.00E+00	0.00E+00	5.84E-01	9.21E-01	***
Michigan	Livingston	26093	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	3.76E-07	5.22E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Livingston	26093	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	8.15E-05	9.13E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Livingston	26093	U	Ethylene Oxide	4.89E-04	5.63E-04	6.53E-04	1.12E-03	1.22E-03	1.67E-03	1.98E-03	2.15E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Livingston	26093	U	Formaldehyde	5.57E-01	5.68E-01	6.08E-01	7.02E-01	7.16E-01	8.25E-01	8.67E-01	9.02E-01	6.42E-04	4.26E-02	2.46E-01	1.76E-01	2.50E-01
Michigan	Livingston	26093	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.09E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Livingston	26093	U	Hydrazine	2.58E-09	2.77E-09	3.25E-09	1.82E-08	3.57E-08	3.44E-08	6.17E-08	8.28E-08	0.00E+00	3.57E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Livingston	26093	U	Lead Compounds	1.67E-04	1.69E-04	1.86E-04	2.54E-04	6.16E-04	1.34E-03	1.52E-03	1.60E-03	8.60E-06	2.51E-04	2.29E-05	3.34E-04	0.00E+00
Michigan	Livingston	26093	U	Manganese Compounds</													

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Luce	26095	R	Acetaldehyde	9.53E-02	9.53E-02	9.53E-02	9.80E-02	9.80E-02	1.01E-01	1.01E-01	1.01E-01	0.00E+00	2.17E-02	9.12E-03	6.72E-02	0.00E+00
Michigan	Luce	26095	R	Acrolein	3.89E-02	3.89E-02	3.89E-02	3.96E-02	3.96E-02	4.03E-02	4.03E-02	4.03E-02	0.00E+00	3.25E-02	1.10E-03	6.02E-03	0.00E+00
Michigan	Luce	26095	R	Acrylonitrile	4.09E-04	4.09E-04	4.09E-04	4.13E-04	4.13E-04	4.17E-04	4.17E-04	4.17E-04	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Luce	26095	R	Arsenic Compounds	1.37E-06	1.37E-06	1.37E-06	1.64E-06	1.64E-06	1.91E-06	1.91E-06	1.91E-06	2.20E-07	1.04E-06	2.71E-08	3.47E-07	0.00E+00
Michigan	Luce	26095	R	Benzene	7.04E-01	7.04E-01	7.04E-01	7.07E-01	7.07E-01	7.10E-01	7.10E-01	7.10E-01	0.00E+00	6.10E-02	1.41E-02	1.51E-01	4.80E-01
Michigan	Luce	26095	R	Beryllium Compounds	1.46E-07	1.46E-07	1.46E-07	1.49E-07	1.49E-07	1.51E-07	1.51E-07	1.51E-07	0.00E+00	1.46E-07	0.00E+00	2.54E-09	0.00E+00
Michigan	Luce	26095	R	1,3-Butadiene	2.05E-02	2.05E-02	2.05E-02	2.06E-02	2.06E-02	2.07E-02	2.07E-02	2.07E-02	0.00E+00	1.11E-02	9.93E-04	8.44E-03	0.00E+00
Michigan	Luce	26095	R	Cadmium Compounds	9.65E-07	9.65E-07	9.65E-07	1.01E-06	1.01E-06	1.05E-06	1.05E-06	1.05E-06	5.71E-08	9.16E-07	0.00E+00	3.53E-08	0.00E+00
Michigan	Luce	26095	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	7.50E-06	0.00E+00	0.00E+00	8.80E-01
Michigan	Luce	26095	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	4.84E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Luce	26095	R	Chromium Compounds	5.86E-06	5.86E-06	5.86E-06	6.96E-06	6.96E-06	8.06E-06	8.06E-06	8.06E-06	4.29E-07	1.72E-06	1.72E-06	3.09E-06	0.00E+00
Michigan	Luce	26095	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
Michigan	Luce	26095	R	1,3-Dichloropropene	1.37E-03	1.37E-03	1.37E-03	1.39E-03	1.39E-03	1.41E-03	1.41E-03	1.41E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Luce	26095	R	Diesel Particulate Matter	8.37E-02	8.37E-02	8.37E-02	8.47E-02	8.47E-02	8.56E-02	8.56E-02	8.56E-02	0.00E+00	0.00E+00	3.08E-02	5.39E-02	***
Michigan	Luce	26095	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	2.30E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Luce	26095	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	0.00E+00	4.97E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Luce	26095	R	Ethylene Oxide	4.66E-05	4.66E-05	4.66E-05	4.69E-05	4.69E-05	4.72E-05	4.72E-05	4.72E-05	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Luce	26095	R	Formaldehyde	4.46E-01	4.46E-01	4.46E-01	4.52E-01	4.52E-01	4.57E-01	4.57E-01	4.57E-01	1.17E-02	1.34E-01	8.62E-03	4.72E-02	2.50E-01
Michigan	Luce	26095	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.01E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Luce	26095	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
Michigan	Luce	26095	R	Lead Compounds	1.86E-05	1.86E-05	1.86E-05	1.93E-05	1.93E-05	2.00E-05	2.00E-05	2.00E-05	1.21E-06	1.55E-05	2.39E-06	1.96E-07	0.00E+00
Michigan	Luce	26095	R	Manganese Compounds	5.30E-05	5.30E-05	5.30E-05	7.15E-05	7.15E-05	8.99E-05	8.99E-05	8.99E-05	3.45E-05	3.34E-05	6.93E-07	2.86E-06	0.00E+00
Michigan	Luce	26095	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	1.66E-08	7.67E-06	2.32E-08	3.91E-07	1.50E-03
Michigan	Luce	26095	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	4.28E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Luce	26095	R	Nickel Compounds	1.43E-05	1.43E-05	1.43E-05	1.93E-05	1.93E-05	2.43E-05	2.43E-05	2.43E-05	5.45E-08	6.32E-06	1.34E-06	1.16E-05	0.00E+00
Michigan	Luce	26095	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	2.75E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Luce	26095	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
Michigan	Luce	26095	R	Polycyclic Organic Matter	8.52E-03	8.52E-03	8.52E-03	8.67E-03	8.67E-03	8.81E-03	8.81E-03	8.81E-03	2.68E-10	8.58E-03	1.23E-05	7.26E-05	0.00E+00
Michigan	Luce	26095	R	7-PAH	8.64E-04	8.64E-04	8.64E-04	8.78E-04	8.78E-04	8.91E-04	8.91E-04	8.91E-04	2.49E-12	8.35E-04	5.47E-06	3.75E-05	0.00E+00
Michigan	Luce	26095	R	Propylene Dichloride	2.47E-05	2.47E-05	2.47E-05	2.49E-05	2.49E-05	2.52E-05	2.52E-05	2.52E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Luce	26095	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
Michigan	Luce	26095	R	1,1,2,2-Tetrachloroethane	2.26E-04	2.26E-04	2.26E-04	2.28E-04	2.28E-04	2.30E-04	2.30E-04	2.30E-04	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Luce	26095	R	Trichloroethylene	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	8.13E-04	0.00E+00	0.00E+00	8.10E-02
Michigan	Luce	26095	R	Vinyl Chloride	5.56E-04	5.56E-04	5.56E-04	5.61E-04	5.61E-04	5.66E-04	5.66E-04	5.66E-04	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Mackinac	26097	R	Acetaldehyde	4.79E-02	4.79E-02	5.62E-02	6.97E-02	6.78E-02	7.59E-02	9.25E-02	9.25E-02	0.00E+00	1.31E-02	9.08E-03	4.57E-02	0.00E+00
Michigan	Mackinac	26097	R	Acrolein	1.80E-02	1.80E-02	2.14E-02	2.61E-02	2.63E-02	3.04E-02	3.67E-02	3.67E-02	0.00E+00	1.88E-02	1.12E-03	6.44E-03	0.00E+00
Michigan	Mackinac	26097	R	Acrylonitrile	2.52E-04	2.52E-04	2.73E-04	3.25E-04	3.55E-04	4.43E-04	5.21E-04	5.21E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Mackinac	26097	R	Arsenic Compounds	1.44E-06	1.44E-06	4.05E-06	5.57E-06	6.33E-06	8.97E-06	1.00E-05	1.00E-05	8.36E-09	1.40E-06	3.22E-08	4.89E-06	0.00E+00
Michigan	Mackinac	26097															

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Manistee	26101	R	Acrylonitrile	4.09E-04	4.09E-04	5.44E-04	6.79E-04	6.74E-04	7.40E-04	9.90E-04	9.90E-04	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Manistee	26101	R	Arsenic Compounds	1.62E-06	1.62E-06	1.89E-06	3.30E-06	9.33E-06	7.61E-06	2.91E-05	2.91E-05	0.00E+00	8.82E-06	1.43E-07	3.61E-07	0.00E+00
Michigan	Manistee	26101	R	Benzene	6.67E-01	6.67E-01	6.98E-01	7.36E-01	8.21E-01	9.73E-01	1.06E+00	1.06E+00	6.38E-02	9.18E-02	5.51E-02	1.30E-01	4.80E-01
Michigan	Manistee	26101	R	Beryllium Compounds	1.77E-07	1.77E-07	2.47E-07	3.92E-07	1.23E-06	6.80E-07	4.27E-06	4.27E-06	0.00E+00	1.23E-06	0.00E+00	2.70E-09	0.00E+00
Michigan	Manistee	26101	R	1,3-Butadiene	1.05E-02	1.05E-02	1.16E-02	1.24E-02	1.67E-02	1.51E-02	3.22E-02	3.22E-02	0.00E+00	5.23E-03	4.62E-03	6.90E-03	0.00E+00
Michigan	Manistee	26101	R	Cadmium Compounds	1.26E-06	1.26E-06	1.51E-06	1.94E-06	3.67E-06	2.57E-06	1.01E-05	1.01E-05	0.00E+00	3.63E-06	0.00E+00	3.75E-08	0.00E+00
Michigan	Manistee	26101	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.54E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Manistee	26101	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	0.00E+00	1.46E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Manistee	26101	R	Chromium Compounds	1.13E-05	1.13E-05	1.50E-05	2.34E-05	5.12E-05	3.50E-05	1.57E-04	1.57E-04	0.00E+00	3.64E-05	8.92E-06	5.91E-06	0.00E+00
Michigan	Manistee	26101	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
Michigan	Manistee	26101	R	1,3-Dichloropropene	1.82E-03	1.82E-03	2.45E-03	3.82E-03	1.15E-02	7.29E-03	3.86E-02	3.86E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Manistee	26101	R	Diesel Particulate Matter	3.05E-01	3.05E-01	3.49E-01	3.66E-01	4.17E-01	4.05E-01	6.26E-01	6.26E-01	0.00E+00	0.00E+00	1.59E-01	2.58E-01	***
Michigan	Manistee	26101	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	6.48E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Manistee	26101	R	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	0.00E+00	1.15E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Manistee	26101	R	Ethylene Oxide	2.68E-05	2.68E-05	5.88E-05	7.32E-05	2.31E-04	7.48E-05	8.36E-04	8.36E-04	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Manistee	26101	R	Formaldehyde	3.73E-01	3.73E-01	3.94E-01	4.17E-01	4.51E-01	5.44E-01	5.52E-01	5.52E-01	3.48E-02	8.43E-02	3.10E-02	5.09E-02	2.50E-01
Michigan	Manistee	26101	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.99E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Manistee	26101	R	Hydrazine	1.20E-09	1.20E-09	2.51E-09	1.56E-08	1.24E-07	5.36E-08	5.08E-07	5.08E-07	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Manistee	26101	R	Lead Compounds	2.89E-05	2.89E-05	5.11E-05	6.07E-05	9.93E-05	1.84E-04	2.23E-04	2.23E-04	0.00E+00	4.91E-05	1.26E-05	3.77E-05	0.00E+00
Michigan	Manistee	26101	R	Manganese Compounds	3.31E-05	3.31E-05	6.30E-05	9.69E-05	1.51E-04	1.85E-04	3.50E-04	3.50E-04	0.00E+00	1.41E-04	3.67E-06	5.98E-06	0.00E+00
Michigan	Manistee	26101	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	0.00E+00	1.24E-05	1.24E-07	1.16E-06	1.50E-03
Michigan	Manistee	26101	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.60E-01	1.79E-01	1.64E-01	2.49E-01	2.49E-01	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Manistee	26101	R	Nickel Compounds	1.64E-05	1.64E-05	1.76E-05	3.43E-05	1.10E-04	6.90E-05	3.78E-04	3.78E-04	0.00E+00	8.91E-05	6.89E-06	1.35E-05	0.00E+00
Michigan	Manistee	26101	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.50E-01	1.46E-01	1.72E-01	1.72E-01	0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Manistee	26101	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
Michigan	Manistee	26101	R	Polycyclic Organic Matter	9.27E-03	9.27E-03	1.21E-02	1.77E-02	4.59E-02	2.93E-02	1.48E-01	1.48E-01	0.00E+00	4.58E-02	6.30E-05	6.55E-05	0.00E+00
Michigan	Manistee	26101	R	7-PAH	4.55E-04	4.55E-04	5.97E-04	6.76E-04	1.21E-03	8.78E-04	3.19E-03	3.19E-03	0.00E+00	1.15E-03	2.80E-05	3.36E-05	0.00E+00
Michigan	Manistee	26101	R	Propylene Dichloride	2.58E-05	2.58E-05	4.11E-05	4.15E-05	4.29E-05	4.51E-05	5.98E-05	5.98E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Manistee	26101	R	Quinoline	1.28E-08	1.28E-08	1.64E-08	6.56E-08	3.51E-07	1.80E-07	1.36E-06	1.36E-06	0.00E+00	3.51E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Manistee	26101	R	1,1,2,2-Tetrachloroethane	2.21E-04	2.21E-04	2.70E-04	3.74E-04	3.63E-04	4.06E-04	5.45E-04	5.45E-04	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Manistee	26101	R	Trichloroethylene	8.20E-02	8.20E-02	8.25E-02	8.27E-02	8.50E-02	8.27E-02	9.36E-02	9.36E-02	7.80E-05	3.91E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Manistee	26101	R	Vinyl Chloride	5.50E-04	5.50E-04	7.04E-04	9.20E-04	9.04E-04	1.00E-03	1.34E-03	1.34E-03	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Marquette	26103	R	Acetaldehyde	4.92E-02	5.58E-02	8.71E-02	1.15E-01	1.11E-01	1.27E-01	1.63E-01	1.69E-01	1.53E-05	3.09E-02	2.71E-02	5.28E-02	0.00E+00
Michigan	Marquette	26103	R	Acrolein	1.68E-02	2.03E-02	3.25E-02	5.38E-02	4.86E-02	5.79E-02	6.93E-02	8.01E-02	7.77E-06	3.89E-02	3.62E-03	6.05E-03	0.00E+00
Michigan	Marquette	26103	R	Acrylonitrile	2.14E-04	2.32E-04	2.62E-04	3.33E-04	3.34E-04	3.93E-04	4.81E-04	4.97E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Marquette	26103	R	Arsenic Compounds	4.92E-06	6.73E-06	1.29E-05	2.39E-05	2.88E-05	3.73E-05	5.85E-05	6.77E-05	1.05E-05	1.58E-05	2.03E-07	2.27E-06	0.00E+00
Michigan	Marquette	26103	R	Benzene	5.78E-01	5.83E-01	6.62E-01	7.53E-01	7.54E-01	8.23E-01	9.11E-01	9.72E-01	3.80E-05	9.81E-02	6.94E-02	1.06E-01	4.80E-01
Michigan	Marquette	26103	R	Beryllium Compounds	2.49E-07	4.12E-07	1.04E-06	2.18E-06	3.28E-06	4.44E-06	7.23E-06	1.31E-05	5.46E-07	2.71E-06	0.00E+00		

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Marquette	26103	R	Lead Compounds	5.24E-05	7.62E-05	1.82E-04	4.75E-04	4.85E-04	7.19E-04	8.82E-04	9.11E-04	1.09E-05	9.31E-05	1.90E-05	3.62E-04	0.00E+00
Michigan	Marquette	26103	R	Manganese Compounds	1.32E-05	1.70E-05	3.29E-05	5.28E-05	6.08E-05	8.75E-05	1.13E-04	1.31E-04	1.34E-05	2.78E-05	5.53E-06	1.41E-05	0.00E+00
Michigan	Marquette	26103	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.56E-03	3.73E-06	2.31E-05	1.84E-07	1.33E-06	1.50E-03
Michigan	Marquette	26103	R	Methylene Chloride	1.52E-01	1.53E-01	1.57E-01	1.87E-01	2.06E-01	2.19E-01	2.61E-01	3.71E-01	8.31E-06	5.60E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Marquette	26103	R	Nickel Compounds	2.63E-05	3.10E-05	5.39E-05	1.65E-04	2.11E-04	2.95E-04	3.71E-04	6.86E-04	7.20E-06	1.06E-04	1.02E-05	8.72E-05	0.00E+00
Michigan	Marquette	26103	R	Perchloroethylene	1.41E-01	1.42E-01	1.45E-01	1.61E-01	1.72E-01	1.85E-01	2.21E-01	2.61E-01	1.23E-06	3.19E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Marquette	26103	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
Michigan	Marquette	26103	R	Polycyclic Organic Matter	5.12E-03	7.01E-03	2.04E-02	6.33E-02	8.59E-02	1.01E-01	2.22E-01	2.38E-01	5.11E-07	8.57E-02	9.30E-05	5.42E-05	0.00E+00
Michigan	Marquette	26103	R	7-PAH	3.90E-04	5.26E-04	1.19E-03	2.41E-03	2.76E-03	3.64E-03	5.71E-03	6.13E-03	1.04E-08	2.70E-03	4.13E-05	2.54E-05	0.00E+00
Michigan	Marquette	26103	R	Propylene Dichloride	1.31E-05	1.43E-05	1.61E-05	2.01E-05	2.10E-05	2.44E-05	3.06E-05	3.23E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Marquette	26103	R	Quinoline	3.74E-09	4.23E-09	1.56E-08	6.44E-08	1.48E-07	1.86E-07	2.97E-07	3.42E-07	0.00E+00	1.48E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Marquette	26103	R	1,1,2,2-Tetrachloroethane	1.16E-04	1.25E-04	1.40E-04	1.79E-04	1.79E-04	2.07E-04	2.56E-04	2.69E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Marquette	26103	R	Trichloroethylene	8.14E-02	8.15E-02	8.21E-02	8.70E-02	9.14E-02	9.29E-02	1.03E-01	1.23E-01	0.00E+00	1.04E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Marquette	26103	R	Vinyl Chloride	3.29E-04	3.32E-04	4.49E-04	6.24E-04	7.86E-04	8.97E-04	1.31E-03	1.53E-03	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Mason	26105	R	Acetaldehyde	7.04E-02	7.04E-02	7.32E-02	8.15E-02	8.99E-02	9.80E-02	1.33E-01	1.33E-01	3.19E-04	1.15E-02	2.92E-02	4.88E-02	0.00E+00
Michigan	Mason	26105	R	Acrolein	1.52E-02	1.52E-02	1.73E-02	1.91E-02	2.21E-02	2.33E-02	3.91E-02	3.91E-02	0.00E+00	1.14E-02	3.83E-03	6.81E-03	0.00E+00
Michigan	Mason	26105	R	Acrylonitrile	4.32E-04	4.32E-04	5.92E-04	7.23E-04	6.83E-04	7.41E-04	1.03E-03	1.03E-03	3.80E-07	6.82E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Mason	26105	R	Arsenic Compounds	2.00E-06	2.00E-06	3.88E-06	4.89E-06	1.82E-05	3.44E-05	6.07E-05	6.07E-05	0.00E+00	1.48E-05	1.89E-07	3.24E-06	0.00E+00
Michigan	Mason	26105	R	Benzene	6.43E-01	6.43E-01	6.52E-01	6.69E-01	7.08E-01	7.19E-01	9.06E-01	9.06E-01	2.95E-03	2.81E-02	7.04E-02	1.27E-01	4.80E-01
Michigan	Mason	26105	R	Beryllium Compounds	1.76E-07	1.76E-07	2.51E-07	4.49E-07	2.39E-06	5.01E-06	8.66E-06	8.66E-06	0.00E+00	2.36E-06	0.00E+00	3.05E-08	0.00E+00
Michigan	Mason	26105	R	1,3-Butadiene	9.33E-03	9.33E-03	9.70E-03	1.15E-02	1.71E-02	1.82E-02	4.30E-02	4.30E-02	0.00E+00	4.14E-03	6.53E-03	6.47E-03	0.00E+00
Michigan	Mason	26105	R	Cadmium Compounds	1.17E-06	1.17E-06	1.56E-06	1.79E-06	6.22E-06	1.18E-05	2.01E-05	2.01E-05	0.00E+00	5.80E-06	0.00E+00	4.26E-07	0.00E+00
Michigan	Mason	26105	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	6.97E-10	1.82E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Mason	26105	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.34E-02	8.34E-02	4.06E-09	1.62E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Mason	26105	R	Chromium Compounds	1.43E-05	1.43E-05	2.40E-05	3.24E-05	9.68E-05	1.98E-04	2.81E-04	2.81E-04	0.00E+00	6.37E-05	1.20E-05	2.12E-05	0.00E+00
Michigan	Mason	26105	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
Michigan	Mason	26105	R	1,3-Dichloropropene	1.84E-03	1.84E-03	2.68E-03	4.37E-03	1.65E-02	2.93E-02	6.26E-02	6.26E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Mason	26105	R	Diesel Particulate Matter	4.36E-01	4.36E-01	4.72E-01	5.58E-01	6.20E-01	7.89E-01	9.53E-01	9.53E-01	0.00E+00	0.00E+00	2.05E-01	4.16E-01	***
Michigan	Mason	26105	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	2.13E-10	3.81E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Mason	26105	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	4.60E-08	8.27E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Mason	26105	R	Ethylene Oxide	1.45E-05	1.45E-05	2.04E-05	4.86E-05	3.12E-04	6.37E-04	1.21E-03	1.21E-03	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Mason	26105	R	Formaldehyde	3.39E-01	3.39E-01	3.49E-01	3.50E-01	3.81E-01	3.94E-01	5.05E-01	5.05E-01	1.50E-03	4.80E-02	3.63E-02	4.54E-02	2.50E-01
Michigan	Mason	26105	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	2.94E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Mason	26105	R	Hydrazine	9.22E-11	9.22E-11	1.03E-10	1.28E-10	2.15E-10	3.21E-10	4.77E-10	4.77E-10	0.00E+00	2.15E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Mason	26105	R	Lead Compounds	2.05E-05	2.05E-05	2.58E-05	2.80E-05	9.98E-05	1.81E-04	3.35E-04	3.35E-04	0.00E+00	7.98E-05	1.70E-05	3.10E-06	0.00E+00
Michigan	Mason	26105	R	Manganese Compounds	2.30E-05	2.30E-05	3.01E-05	4.39E-05	5.91E-05	8.40E-05	1.45E-04	1.45E-04	0.00E+00	3.60E-05	4.97E-06	1.82E-05	0.00E+00
Michigan	Mason	26105	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.05E-10	1.37E-05	1.66E-07	1.42E-06	1.50E-03
Michigan	Mason	26105	R	Methylene Chloride	1.55E-01	1.55E-01	1.56E-01	1.59E-01	2.01E-01	2.65E-01	3.19E-01	3.19E-0					

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Mecosta	26107	R	Benzene	5.45E-01	5.54E-01	5.61E-01	5.99E-01	6.71E-01	7.17E-01	8.24E-01	1.19E+00	6.82E-05	6.58E-02	1.08E-01	1.71E-02	4.80E-01
Michigan	Mecosta	26107	R	Beryllium Compounds	2.83E-07	3.55E-07	3.93E-07	6.22E-07	2.56E-06	3.08E-06	5.02E-06	1.53E-05	0.00E+00	2.56E-06	0.00E+00	1.60E-13	0.00E+00
Michigan	Mecosta	26107	R	1,3-Butadiene	3.99E-03	4.55E-03	5.07E-03	8.04E-03	1.42E-02	2.08E-02	3.13E-02	4.66E-02	0.00E+00	4.19E-03	8.94E-03	1.10E-03	0.00E+00
Michigan	Mecosta	26107	R	Cadmium Compounds	1.11E-06	1.14E-06	1.44E-06	2.17E-06	5.72E-06	7.18E-06	1.13E-05	2.87E-05	1.32E-08	5.70E-06	0.00E+00	2.22E-12	0.00E+00
Michigan	Mecosta	26107	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	4.84E-08	3.04E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Mecosta	26107	R	Chloroform	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.35E-02	2.82E-07	2.45E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Mecosta	26107	R	Chromium Compounds	2.67E-05	3.52E-05	4.57E-05	8.63E-05	1.12E-04	1.50E-04	2.01E-04	3.49E-04	1.43E-08	8.57E-05	1.70E-05	9.39E-06	0.00E+00
Michigan	Mecosta	26107	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
Michigan	Mecosta	26107	R	1,3-Dichloropropene	2.90E-03	3.73E-03	4.05E-03	5.81E-03	2.13E-02	3.24E-02	5.09E-02	9.66E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Mecosta	26107	R	Diesel Particulate Matter	5.29E-01	5.62E-01	5.65E-01	6.65E-01	6.54E-01	6.93E-01	7.68E-01	8.43E-01	0.00E+00	0.00E+00	2.73E-01	3.81E-01	***
Michigan	Mecosta	26107	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	1.48E-08	3.71E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Mecosta	26107	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.12E-02	3.19E-06	8.93E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Mecosta	26107	R	Ethylene Oxide	2.98E-05	3.70E-05	4.35E-05	7.87E-05	3.94E-04	2.96E-04	5.36E-04	3.12E-03	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Mecosta	26107	R	Formaldehyde	3.21E-01	3.28E-01	3.34E-01	3.73E-01	4.20E-01	4.56E-01	5.39E-01	7.94E-01	2.07E-05	7.52E-02	6.01E-02	3.49E-02	2.50E-01
Michigan	Mecosta	26107	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.88E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Mecosta	26107	R	Hydrazine	7.55E-10	1.28E-09	1.43E-09	3.55E-09	1.53E-08	2.80E-08	3.60E-08	6.32E-08	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Mecosta	26107	R	Lead Compounds	2.29E-05	2.38E-05	2.54E-05	4.97E-05	1.66E-04	1.48E-04	2.47E-04	1.13E-03	1.26E-07	1.42E-04	2.39E-05	1.24E-11	0.00E+00
Michigan	Mecosta	26107	R	Manganese Compounds	1.67E-05	2.03E-05	2.86E-05	4.25E-05	5.43E-05	5.85E-05	8.84E-05	1.82E-04	1.99E-08	3.70E-05	6.99E-06	1.03E-05	0.00E+00
Michigan	Mecosta	26107	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.59E-03	1.22E-06	1.61E-05	2.34E-07	2.66E-06	1.50E-03
Michigan	Mecosta	26107	R	Methylene Chloride	1.59E-01	1.60E-01	1.60E-01	1.65E-01	1.98E-01	2.01E-01	2.34E-01	4.37E-01	1.29E-04	4.80E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Mecosta	26107	R	Nickel Compounds	2.15E-05	2.69E-05	3.05E-05	7.94E-05	1.36E-04	1.33E-04	2.15E-04	7.09E-04	2.35E-08	1.19E-04	1.31E-05	4.45E-06	0.00E+00
Michigan	Mecosta	26107	R	Perchloroethylene	1.43E-01	1.44E-01	1.44E-01	1.46E-01	1.58E-01	1.64E-01	1.78E-01	2.35E-01	4.69E-05	1.83E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Mecosta	26107	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
Michigan	Mecosta	26107	R	Polycyclic Organic Matter	1.21E-02	1.40E-02	1.57E-02	2.31E-02	8.16E-02	1.23E-01	1.90E-01	3.74E-01	0.00E+00	8.15E-02	1.20E-04	6.87E-06	0.00E+00
Michigan	Mecosta	26107	R	7-PAH	3.75E-04	4.04E-04	4.75E-04	6.74E-04	1.91E-03	2.86E-03	4.35E-03	7.95E-03	2.23E-08	1.85E-03	5.31E-05	3.30E-06	0.00E+00
Michigan	Mecosta	26107	R	Propylene Dichloride	2.57E-05	3.00E-05	3.27E-05	3.58E-05	3.82E-05	4.46E-05	5.14E-05	5.16E-05	1.60E-06	3.66E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Mecosta	26107	R	Quinoline	6.44E-09	8.59E-09	9.59E-09	2.81E-08	4.85E-08	8.39E-08	1.01E-07	1.67E-07	0.00E+00	4.85E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Mecosta	26107	R	1,1,2,2-Tetrachloroethane	2.23E-04	2.71E-04	2.96E-04	3.22E-04	3.43E-04	3.97E-04	4.59E-04	4.62E-04	1.47E-05	3.29E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Mecosta	26107	R	Trichloroethylene	8.20E-02	8.23E-02	8.24E-02	8.29E-02	8.75E-02	8.66E-02	9.06E-02	1.23E-01	2.81E-05	6.44E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Mecosta	26107	R	Vinyl Chloride	5.73E-04	6.68E-04	7.30E-04	7.95E-04	8.47E-04	9.79E-04	1.13E-03	1.14E-03	3.61E-05	8.11E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Menominee	26109	R	Acetaldehyde	4.62E-02	4.62E-02	4.86E-02	5.74E-02	7.46E-02	1.12E-01	1.24E-01	1.24E-01	9.36E-04	1.95E-02	3.02E-02	2.39E-02	0.00E+00
Michigan	Menominee	26109	R	Acrolein	1.75E-02	1.75E-02	2.04E-02	2.59E-02	2.64E-02	3.49E-02	3.81E-02	3.81E-02	3.11E-07	2.00E-02	3.96E-03	2.49E-03	0.00E+00
Michigan	Menominee	26109	R	Acrylonitrile	1.66E-04	1.66E-04	1.76E-04	2.00E-04	2.23E-04	2.40E-04	3.72E-04	3.72E-04	1.37E-04	8.63E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Menominee	26109	R	Arsenic Compounds	1.44E-05	1.44E-05	1.79E-05	4.47E-05	2.93E-04	7.54E-04	9.52E-04	9.52E-04	3.60E-06	2.90E-04	1.30E-07	1.58E-08	0.00E+00
Michigan	Menominee	26109	R	Benzene	5.58E-01	5.58E-01	5.68E-01	5.89E-01	6.77E-01	8.52E-01	9.27E-01	9.27E-01	4.50E-04	1.03E-01	6.12E-02	3.24E-02	4.80E-01
Michigan	Menominee	26109	R	Beryllium Compounds	2.09E-07	2.09E-07	2.45E-07	6.9									

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Menominee	26109	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.57E-03	1.58E-03	1.58E-03	8.04E-07	2.68E-05	1.23E-07	1.10E-06	1.50E-03
Michigan	Menominee	26109	R	Methylene Chloride	1.55E-01	1.55E-01	1.55E-01	1.62E-01	2.07E-01	2.88E-01	3.41E-01	3.41E-01	4.92E-04	5.66E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Menominee	26109	R	Nickel Compounds	7.34E-05	7.34E-05	7.73E-05	3.07E-04	2.07E-03	4.91E-03	7.62E-03	7.62E-03	8.29E-06	2.05E-03	6.96E-06	2.23E-06	0.00E+00
Michigan	Menominee	26109	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.47E-01	1.69E-01	2.09E-01	2.31E-01	2.31E-01	2.50E-04	2.83E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Menominee	26109	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	8.56E-11	0.00E+00	0.00E+00	3.80E-04
Michigan	Menominee	26109	R	Polycyclic Organic Matter	7.08E-03	7.08E-03	8.61E-03	9.47E-03	4.80E-02	9.57E-02	1.76E-01	1.76E-01	9.05E-06	4.79E-02	6.42E-05	1.58E-05	0.00E+00
Michigan	Menominee	26109	R	7-PAH	4.19E-04	4.19E-04	5.17E-04	6.64E-04	1.30E-03	2.19E-03	3.86E-03	3.86E-03	4.90E-10	1.26E-03	2.85E-05	8.02E-06	0.00E+00
Michigan	Menominee	26109	R	Propylene Dichloride	1.26E-05	1.26E-05	1.27E-05	1.51E-05	1.63E-05	1.88E-05	2.30E-05	2.30E-05	8.28E-06	7.99E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Menominee	26109	R	Quinoline	6.55E-09	6.55E-09	9.02E-09	2.70E-08	1.98E-07	4.50E-07	7.57E-07	7.57E-07	0.00E+00	1.98E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Menominee	26109	R	1,1,2,2-Tetrachloroethane	1.02E-04	1.02E-04	1.05E-04	1.14E-04	1.32E-04	1.53E-04	2.08E-04	2.08E-04	7.59E-05	5.62E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Menominee	26109	R	Trichloroethylene	8.26E-02	8.26E-02	8.29E-02	9.76E-02	1.30E-01	2.11E-01	2.20E-01	2.20E-01	2.21E-03	4.69E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Menominee	26109	R	Vinyl Chloride	2.62E-04	2.62E-04	2.63E-04	2.94E-04	3.31E-04	3.78E-04	5.14E-04	5.14E-04	1.87E-04	1.44E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Midland	26111	U	Acetaldehyde	8.61E-02	1.01E-01	1.24E-01	1.52E-01	1.45E-01	1.66E-01	1.80E-01	2.06E-01	6.40E-06	1.72E-02	8.54E-02	4.22E-02	0.00E+00
Michigan	Midland	26111	U	Acrolein	2.05E-02	2.62E-02	3.53E-02	5.80E-02	6.40E-02	7.17E-02	9.39E-02	2.18E-01	3.93E-02	9.54E-03	9.09E-03	6.06E-03	0.00E+00
Michigan	Midland	26111	U	Acrylonitrile	2.12E-03	3.96E-03	7.82E-03	2.18E-02	2.77E-02	3.37E-02	5.70E-02	1.16E-01	2.64E-02	1.30E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Midland	26111	U	Arsenic Compounds	2.90E-05	3.16E-05	4.55E-05	6.12E-05	6.30E-05	8.65E-05	9.31E-05	1.27E-04	8.05E-06	5.48E-05	9.99E-08	3.85E-09	0.00E+00
Michigan	Midland	26111	U	Benzene	6.10E-01	6.28E-01	6.51E-01	7.55E-01	7.38E-01	7.99E-01	8.29E-01	9.65E-01	1.23E-02	3.68E-02	1.33E-01	7.68E-02	4.80E-01
Michigan	Midland	26111	U	Beryllium Compounds	1.68E-06	2.06E-06	3.17E-06	6.78E-06	8.60E-06	1.17E-05	2.30E-05	2.42E-05	3.92E-06	4.68E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Midland	26111	U	1,3-Butadiene	9.29E-03	1.10E-02	1.54E-02	3.92E-02	4.85E-02	6.13E-02	8.62E-02	1.83E-01	2.91E-02	2.71E-03	9.84E-03	6.82E-03	0.00E+00
Michigan	Midland	26111	U	Cadmium Compounds	5.36E-05	6.13E-05	7.42E-05	8.59E-05	9.38E-05	9.45E-05	1.60E-04	1.71E-04	4.02E-06	8.97E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Midland	26111	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.81E-01	8.82E-01	8.82E-01	8.83E-01	8.84E-01	8.92E-01	2.00E-03	1.15E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Midland	26111	U	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	8.37E-02	8.37E-02	8.39E-02	0.00E+00	5.06E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Midland	26111	U	Chromium Compounds	1.34E-04	1.39E-04	2.19E-04	2.62E-04	3.73E-04	3.89E-04	8.11E-04	1.13E-03	2.32E-04	1.20E-04	6.32E-06	1.38E-05	0.00E+00
Michigan	Midland	26111	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
Michigan	Midland	26111	U	1,3-Dichloropropene	5.62E-03	5.93E-03	8.88E-03	1.94E-02	2.36E-02	3.84E-02	4.44E-02	5.05E-02	0.00E+00	2.36E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Midland	26111	U	Diesel Particulate Matter	5.57E-01	5.69E-01	6.38E-01	6.93E-01	7.64E-01	8.46E-01	1.05E+00	1.25E+00	0.00E+00	0.00E+00	2.89E-01	4.75E-01	***
Michigan	Midland	26111	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.71E-03	0.00E+00	3.69E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Midland	26111	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.13E-02	6.14E-02	6.16E-02	6.18E-02	8.41E-05	2.06E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Midland	26111	U	Ethylene Oxide	9.09E-05	1.07E-04	1.50E-04	6.93E-04	7.71E-04	7.95E-04	2.37E-03	2.83E-03	0.00E+00	7.71E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Midland	26111	U	Formaldehyde	3.77E-01	3.84E-01	4.15E-01	4.47E-01	4.47E-01	4.78E-01	4.88E-01	5.59E-01	4.06E-03	4.69E-02	8.22E-02	6.39E-02	2.50E-01
Michigan	Midland	26111	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	8.40E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Midland	26111	U	Hydrazine	7.93E-09	3.64E-08	6.42E-08	6.18E-07	1.36E-06	1.22E-06	4.97E-06	5.95E-06	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Midland	26111	U	Lead Compounds	4.92E-04	4.94E-04	7.21E-04	7.66E-04	8.59E-04	8.59E-04	1.51E-03	1.58E-03	1.72E-04	6.38E-04	8.78E-06	4.06E-05	0.00E+00
Michigan	Midland	26111	U	Manganese Compounds	1.14E-04	3.84E-04	5.44E-04	8.54E-04	8.30E-04	9.36E-04	1.41E-03	1.87E-03	4.76E-04	3.36E-04	2.54E-06	1.60E-05	0.00E+00
Michigan	Midland	26111	U	Mercury Compounds	1.55E-03	1.56E-03	1.58E-03	1.58E-03	1.59E-03	1.59E-03	1.65E-03	1.66E-03	6.02E-06	8.10E-05	8.63E-08	3.83E-06	1.50E-03
Michigan	Midland	26111	U	Methylene Chloride	1.65E-01	1.66E-01	1.69E-01	2.03E-01	2.11E-01	2.16E-01	2.98E-01	3.35E-01	3.96E-06	6.14E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Midland	26111	U	Nickel Compounds	5.48E-05	1.10E-04	1.41E-04	3.52E-04	4.99E-04	4.77E-04	1.51E-03	1.53E-03	8.06E-05	4.06E-04	4.91E-06	7.12E-06	0.00E+00
Michigan	Midland	26111	U	Perchloroethylene	1.47E-01	1.48E-01	1.51E-01	1.70E-01	1.72E-01	1.84E-01	2.05E-01	2.22E-01	5.87E-07	3.18E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Midland	26111	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
Michigan	Midland	26111	U	Polycyclic Organic Matter	2.30E-02	2.36E-02	3.30E-02	7.67E-02	9.01E-02	1.45E-01	1.70E-01	1.86E-01	2.53E-04	8.97E-02	4.54E-05	3.37E-05	0.00E+00
Michigan	Midland	26111	U	7-PAH	6.83E-04	6.98E-04	8.86E-04	1.73E-03	2.09E-03	3.28E-03	3.70E-03	4.06E-03	5.72E-09	2.06E-03	2.02E-05	1.69E-05	0.00E+00
Michigan	Midland	26111	U	Propylene Dichloride	5.25E-05	5.41E-05	7.15E-05	8.23E-05	1.04E-04	1.50E-04	1.95E-04	2.20E-04	0.00E+0				

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Missaukee	26113	R	1,3-Butadiene	4.83E-03	4.83E-03	5.62E-03	6.47E-03	8.63E-03	1.16E-02	1.67E-02	1.67E-02	0.00E+00	5.50E-03	2.53E-03	6.02E-04	0.00E+00
Michigan	Missaukee	26113	R	Cadmium Compounds	7.81E-07	7.81E-07	8.63E-07	1.20E-06	1.28E-06	1.69E-06	1.93E-06	1.93E-06	1.32E-09	1.28E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Missaukee	26113	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	1.72E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Missaukee	26113	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	1.06E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Missaukee	26113	R	Chromium Compounds	1.06E-05	1.06E-05	1.24E-05	1.70E-05	1.78E-05	2.31E-05	2.65E-05	2.65E-05	9.77E-09	8.60E-06	5.39E-06	3.79E-06	0.00E+00
Michigan	Missaukee	26113	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
Michigan	Missaukee	26113	R	1,3-Dichloropropene	2.28E-03	2.28E-03	2.47E-03	3.79E-03	4.03E-03	5.59E-03	6.25E-03	6.25E-03	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Missaukee	26113	R	Diesel Particulate Matter	3.43E-01	3.43E-01	3.55E-01	3.76E-01	3.81E-01	4.06E-01	4.27E-01	4.27E-01	0.00E+00	0.00E+00	1.60E-01	2.21E-01	***
Michigan	Missaukee	26113	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	2.64E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Missaukee	26113	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	5.78E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Missaukee	26113	R	Ethylene Oxide	1.77E-05	1.77E-05	2.23E-05	3.29E-05	3.24E-05	4.26E-05	4.62E-05	4.62E-05	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Missaukee	26113	R	Formaldehyde	3.33E-01	3.33E-01	3.42E-01	3.55E-01	3.71E-01	4.00E-01	4.43E-01	4.43E-01	9.39E-05	7.26E-02	3.01E-02	1.83E-02	2.50E-01
Michigan	Missaukee	26113	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.37E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Missaukee	26113	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.44E-12	4.91E-12	9.81E-12	1.68E-11	1.68E-11	0.00E+00	4.91E-12	0.00E+00	0.00E+00	0.00E+00
Michigan	Missaukee	26113	R	Lead Compounds	1.40E-05	1.40E-05	1.56E-05	2.12E-05	2.46E-05	3.37E-05	4.21E-05	4.21E-05	2.79E-08	1.72E-05	7.44E-06	0.00E+00	0.00E+00
Michigan	Missaukee	26113	R	Manganese Compounds	8.54E-06	8.54E-06	8.93E-06	1.09E-05	1.15E-05	1.42E-05	1.58E-05	1.58E-05	7.79E-07	4.42E-06	2.16E-06	4.19E-06	0.00E+00
Michigan	Missaukee	26113	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	3.87E-10	6.05E-06	7.42E-08	1.08E-06	1.50E-03
Michigan	Missaukee	26113	R	Methylene Chloride	1.56E-01	1.56E-01	1.56E-01	1.59E-01	1.60E-01	1.64E-01	1.67E-01	1.67E-01	0.00E+00	1.02E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Missaukee	26113	R	Nickel Compounds	1.15E-05	1.15E-05	1.29E-05	2.16E-05	2.39E-05	3.49E-05	4.10E-05	4.10E-05	1.21E-09	1.79E-05	4.20E-06	1.79E-06	0.00E+00
Michigan	Missaukee	26113	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.44E-01	1.45E-01	1.45E-01	0.00E+00	3.14E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Missaukee	26113	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
Michigan	Missaukee	26113	R	Polycyclic Organic Matter	1.04E-02	1.04E-02	1.16E-02	1.64E-02	1.77E-02	2.39E-02	2.77E-02	2.77E-02	6.49E-12	1.77E-02	3.89E-05	5.25E-06	0.00E+00
Michigan	Missaukee	26113	R	7-PAH	4.49E-04	4.49E-04	5.26E-04	6.30E-04	7.29E-04	9.33E-04	1.21E-03	1.21E-03	6.02E-14	7.09E-04	1.73E-05	2.62E-06	0.00E+00
Michigan	Missaukee	26113	R	Propylene Dichloride	2.21E-05	2.21E-05	2.40E-05	2.77E-05	2.87E-05	3.34E-05	3.75E-05	3.75E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Missaukee	26113	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	6.95E-11	2.32E-10	4.63E-10	7.87E-10	7.87E-10	0.00E+00	2.32E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Missaukee	26113	R	1,1,2,2-Tetrachloroethane	2.01E-04	2.01E-04	2.19E-04	2.52E-04	2.62E-04	3.05E-04	3.41E-04	3.41E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Missaukee	26113	R	Trichloroethylene	8.32E-02	8.32E-02	8.36E-02	8.48E-02	8.51E-02	8.67E-02	8.77E-02	8.77E-02	2.94E-03	1.20E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Missaukee	26113	R	Vinyl Chloride	4.95E-04	4.95E-04	5.41E-04	6.23E-04	6.45E-04	7.50E-04	8.40E-04	8.40E-04	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Monroe	26115	U	Acetaldehyde	3.92E-01	4.09E-01	4.46E-01	4.78E-01	4.90E-01	5.11E-01	6.23E-01	6.59E-01	3.20E-04	4.20E-02	2.95E-01	1.52E-01	0.00E+00
Michigan	Monroe	26115	U	Acrolein	4.73E-02	5.05E-02	5.45E-02	5.99E-02	6.20E-02	6.46E-02	7.92E-02	8.74E-02	6.39E-05	5.89E-03	3.26E-02	2.35E-02	0.00E+00
Michigan	Monroe	26115	U	Acrylonitrile	1.19E-03	1.21E-03	1.45E-03	1.73E-03	1.82E-03	2.03E-03	2.28E-03	2.85E-03	5.51E-04	1.27E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Monroe	26115	U	Arsenic Compounds	4.76E-05	5.49E-05	8.54E-05	1.03E-04	1.05E-04	1.24E-04	1.37E-04	1.91E-04	7.44E-05	1.98E-05	2.94E-07	9.95E-06	0.00E+00
Michigan	Monroe	26115	U	Benzene	8.64E-01	8.76E-01	9.25E-01	1.01E+00	1.04E+00	1.13E+00	1.25E+00	1.32E+00	5.06E-02	2.72E-02	3.57E-01	1.23E-01	4.80E-01
Michigan	Monroe	26115	U	Beryllium Compounds	4.46E-06	5.07E-06	7.77E-06	5.27E-05	3.80E-05	6.10E-05	6.43E-05	7.10E-05	3.25E-05	5.46E-06	0.00E+00	8.30E-08	0.00E+00
Michigan	Monroe	26115	U	1,3-Butadiene	1.36E-02	1.39E-02	1.73E-02	2.41E-02	2.81E-02	3.61E-02	5.24E-02	6.14E-02	6.62E-06	6.50E-04	1.90E-02	8.47E-03	0.00E+00
Michigan	Monroe	26115	U	Cadmium Compounds	6.36E-05	7.47E-05	1.06E-04	1.24E-									

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Monroe	26115	U	Nickel Compounds	9.49E-04	1.15E-03	1.72E-03	2.39E-03	2.60E-03	3.23E-03	4.63E-03	5.39E-03	1.69E-03	5.37E-04	1.47E-05	3.65E-04	0.00E+00
Michigan	Monroe	26115	U	Perchloroethylene	1.63E-01	1.65E-01	1.73E-01	1.96E-01	2.00E-01	2.21E-01	2.36E-01	2.48E-01	1.66E-02	4.35E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Monroe	26115	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
Michigan	Monroe	26115	U	Polycyclic Organic Matter	2.72E-02	3.19E-02	4.28E-02	5.55E-02	6.06E-02	6.80E-02	1.12E-01	1.21E-01	1.18E-02	4.85E-02	1.37E-04	7.22E-05	0.00E+00
Michigan	Monroe	26115	U	7-PAH	7.81E-04	8.26E-04	9.20E-04	1.16E-03	1.29E-03	1.64E-03	2.08E-03	2.22E-03	4.87E-07	1.21E-03	6.07E-05	2.19E-05	0.00E+00
Michigan	Monroe	26115	U	Propylene Dichloride	7.24E-05	7.31E-05	8.75E-05	1.04E-04	1.10E-04	1.22E-04	1.37E-04	1.71E-04	3.33E-05	7.66E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Monroe	26115	U	Quinoline	8.33E-08	9.50E-08	1.16E-07	2.34E-04	1.67E-04	2.84E-04	4.18E-04	4.45E-04	1.67E-04	1.31E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Monroe	26115	U	1,1,2,2-Tetrachloroethane	6.38E-04	6.50E-04	7.80E-04	9.26E-04	9.78E-04	1.09E-03	1.22E-03	1.53E-03	3.06E-04	6.73E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Monroe	26115	U	Trichloroethylene	9.26E-02	9.50E-02	9.94E-02	1.05E-01	1.26E-01	1.13E-01	1.95E-01	2.30E-01	7.01E-04	4.44E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Monroe	26115	U	Vinyl Chloride	1.66E-03	1.70E-03	2.01E-03	2.44E-03	2.56E-03	2.84E-03	3.31E-03	4.07E-03	7.52E-04	1.81E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Montcalm	26117	R	Acetaldehyde	8.02E-02	8.60E-02	9.34E-02	1.08E-01	1.33E-01	1.53E-01	2.31E-01	2.37E-01	7.88E-09	1.47E-02	8.74E-02	3.08E-02	0.00E+00
Michigan	Montcalm	26117	R	Acrolein	1.41E-02	1.44E-02	1.67E-02	1.87E-02	2.28E-02	2.39E-02	4.34E-02	4.40E-02	4.01E-09	8.20E-03	1.01E-02	4.50E-03	0.00E+00
Michigan	Montcalm	26117	R	Acrylonitrile	5.11E-04	5.76E-04	6.50E-04	7.90E-04	8.81E-04	1.02E-03	1.35E-03	1.38E-03	2.51E-04	6.29E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Montcalm	26117	R	Arsenic Compounds	2.65E-06	2.80E-06	3.19E-06	3.73E-06	5.96E-06	4.12E-06	1.94E-05	1.96E-05	2.62E-07	5.49E-06	2.00E-07	1.67E-09	0.00E+00
Michigan	Montcalm	26117	R	Benzene	5.90E-01	5.96E-01	6.06E-01	6.22E-01	6.57E-01	6.53E-01	8.47E-01	8.51E-01	6.49E-04	2.56E-02	1.15E-01	3.58E-02	4.80E-01
Michigan	Montcalm	26117	R	Beryllium Compounds	5.61E-07	5.66E-07	6.97E-07	7.60E-07	1.32E-06	9.34E-07	4.38E-06	4.44E-06	3.10E-10	1.32E-06	0.00E+00	5.61E-13	0.00E+00
Michigan	Montcalm	26117	R	1,3-Butadiene	6.69E-03	6.70E-03	7.68E-03	8.53E-03	1.17E-02	9.96E-03	3.02E-02	3.03E-02	0.00E+00	2.74E-03	6.78E-03	2.17E-03	0.00E+00
Michigan	Montcalm	26117	R	Cadmium Compounds	2.54E-06	2.67E-06	3.24E-06	4.13E-06	4.93E-06	4.61E-06	1.16E-05	1.18E-05	1.73E-07	4.75E-06	0.00E+00	7.81E-12	0.00E+00
Michigan	Montcalm	26117	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	4.60E-07	4.53E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Montcalm	26117	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.36E-02	8.36E-02	2.68E-06	3.52E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Montcalm	26117	R	Chromium Compounds	9.35E-05	1.07E-04	1.11E-04	1.72E-04	2.62E-04	3.41E-04	6.12E-04	6.87E-04	1.97E-07	2.38E-04	1.26E-05	1.14E-05	0.00E+00
Michigan	Montcalm	26117	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
Michigan	Montcalm	26117	R	1,3-Dichloropropene	5.46E-03	5.61E-03	6.41E-03	7.05E-03	1.14E-02	8.54E-03	3.51E-02	3.54E-02	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Montcalm	26117	R	Diesel Particulate Matter	7.05E-01	7.12E-01	7.47E-01	8.01E-01	8.36E-01	8.24E-01	1.16E+00	1.17E+00	0.00E+00	0.00E+00	3.19E-01	5.16E-01	***
Michigan	Montcalm	26117	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	1.41E-07	3.99E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Montcalm	26117	R	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	3.04E-05	7.84E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Montcalm	26117	R	Ethylene Oxide	8.78E-05	9.93E-05	1.27E-04	1.63E-04	2.93E-04	2.69E-04	1.00E-03	1.01E-03	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Montcalm	26117	R	Formaldehyde	3.50E-01	3.55E-01	3.67E-01	3.87E-01	4.14E-01	4.18E-01	5.76E-01	5.81E-01	3.05E-05	3.71E-02	7.63E-02	5.08E-02	2.50E-01
Michigan	Montcalm	26117	R	Hexachlorobenzene	9.30E-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	8.87E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Montcalm	26117	R	Hydrazine	3.70E-10	5.84E-10	8.55E-10	1.59E-09	5.32E-09	5.96E-09	1.99E-08	2.08E-08	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Montcalm	26117	R	Lead Compounds	1.32E-04	1.34E-04	1.55E-04	2.53E-04	4.79E-04	4.58E-04	1.52E-03	1.69E-03	1.66E-06	4.14E-04	1.75E-05	4.60E-05	0.00E+00
Michigan	Montcalm	26117	R	Manganese Compounds	4.46E-05	4.93E-05	5.30E-05	6.03E-05	8.83E-05	1.05E-04	1.98E-04	2.07E-04	2.69E-07	7.04E-05	5.09E-06	1.25E-05	0.00E+00
Michigan	Montcalm	26117	R	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.55E-03	1.55E-03	1.57E-03	1.60E-03	1.57E-03	1.57E-05	3.07E-05	1.72E-07	3.29E-06	1.50E-03
Michigan	Montcalm	26117	R	Methylene Chloride	1.61E-01	1.61E-01	1.65E-01	1.66E-01	1.79E-01	1.72E-01	2.48E-01	2.49E-01	9.01E-04	2.81E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Montcalm	26117	R	Nickel Compounds	8.75E-05	9.10E-05	1.50E-04	3.15E-04	8.86E-04	4.61E-04	4.31E-03	4.32E-03	2.20E-06	8.68E-04			

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Montmorency	26119	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.24E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Montmorency	26119	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	6.43E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Montmorency	26119	R	Chromium Compounds	1.00E-05	1.00E-05	1.04E-05	1.07E-05	1.22E-05	1.25E-05	1.77E-05	1.77E-05	3.02E-07	3.06E-06	3.29E-06	5.60E-06	0.00E+00
Michigan	Montmorency	26119	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
Michigan	Montmorency	26119	R	1,3-Dichloropropene	1.56E-03	1.56E-03	1.66E-03	1.78E-03	2.18E-03	2.44E-03	3.47E-03	3.47E-03	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Montmorency	26119	R	Diesel Particulate Matter	1.60E-01	1.60E-01	1.81E-01	1.84E-01	1.92E-01	2.14E-01	2.24E-01	2.24E-01	0.00E+00	0.00E+00	8.57E-02	1.07E-01	***
Michigan	Montmorency	26119	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	3.05E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Montmorency	26119	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.28E-09	6.60E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Montmorency	26119	R	Ethylene Oxide	8.56E-06	8.56E-06	9.34E-06	1.51E-05	1.63E-05	2.13E-05	2.73E-05	2.73E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Montmorency	26119	R	Formaldehyde	3.76E-01	3.76E-01	3.81E-01	3.90E-01	3.92E-01	4.01E-01	4.12E-01	4.12E-01	1.30E-03	9.00E-02	1.83E-02	3.23E-02	2.50E-01
Michigan	Montmorency	26119	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	8.61E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Montmorency	26119	R	Hydrazine	2.97E-12	2.97E-12	6.51E-12	2.32E-11	4.95E-11	8.05E-11	1.34E-10	1.34E-10	0.00E+00	4.95E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Montmorency	26119	R	Lead Compounds	2.14E-05	2.14E-05	2.19E-05	2.33E-05	2.50E-05	2.45E-05	3.40E-05	3.40E-05	8.54E-07	1.20E-05	4.53E-06	7.65E-06	0.00E+00
Michigan	Montmorency	26119	R	Manganese Compounds	1.23E-05	1.23E-05	1.40E-05	1.51E-05	3.49E-05	5.43E-05	7.85E-05	7.85E-05	1.81E-05	1.04E-05	1.30E-06	5.06E-06	0.00E+00
Michigan	Montmorency	26119	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	7.95E-07	4.45E-06	4.45E-08	6.01E-07	1.50E-03
Michigan	Montmorency	26119	R	Methylene Chloride	1.54E-01	1.54E-01	1.54E-01	1.56E-01	1.56E-01	1.57E-01	1.57E-01	1.57E-01	4.09E-07	5.78E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Montmorency	26119	R	Nickel Compounds	1.75E-05	1.75E-05	2.04E-05	2.45E-05	3.51E-05	4.07E-05	7.24E-05	7.24E-05	6.95E-08	9.52E-06	2.55E-06	2.30E-05	0.00E+00
Michigan	Montmorency	26119	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	1.44E-01	1.44E-01	1.44E-01	1.30E-09	3.07E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Montmorency	26119	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
Michigan	Montmorency	26119	R	Polycyclic Organic Matter	9.80E-03	9.80E-03	1.03E-02	1.04E-02	1.23E-02	1.41E-02	1.69E-02	1.69E-02	7.40E-10	1.22E-02	2.38E-05	6.71E-05	0.00E+00
Michigan	Montmorency	26119	R	7-PAH	6.43E-04	6.43E-04	6.95E-04	7.70E-04	7.79E-04	8.78E-04	9.09E-04	9.09E-04	1.35E-11	7.34E-04	1.06E-05	3.46E-05	0.00E+00
Michigan	Montmorency	26119	R	Propylene Dichloride	2.71E-05	2.71E-05	2.87E-05	3.54E-05	3.30E-05	3.65E-05	3.73E-05	3.73E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Montmorency	26119	R	Quinoline	1.33E-10	1.33E-10	2.22E-10	6.40E-10	1.26E-09	2.13E-09	3.19E-09	3.19E-09	0.00E+00	1.26E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Montmorency	26119	R	1,1,2,2-Tetrachloroethane	2.47E-04	2.47E-04	2.62E-04	3.23E-04	3.01E-04	3.33E-04	3.40E-04	3.40E-04	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Montmorency	26119	R	Trichloroethylene	8.18E-02	8.18E-02	8.19E-02	8.19E-02	8.20E-02	8.21E-02	8.22E-02	8.22E-02	0.00E+00	9.86E-04	0.00E+00	0.00E+00	8.10E-02
Michigan	Montmorency	26119	R	Vinyl Chloride	6.09E-04	6.09E-04	6.57E-04	7.97E-04	7.46E-04	8.21E-04	8.46E-04	8.46E-04	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Muskegon	26121	U	Acetaldehyde	2.19E-01	2.39E-01	3.01E-01	3.37E-01	3.35E-01	3.83E-01	4.03E-01	4.26E-01	4.11E-04	2.02E-02	2.01E-01	1.13E-01	0.00E+00
Michigan	Muskegon	26121	U	Acrolein	3.74E-02	4.01E-02	4.32E-02	4.94E-02	4.87E-02	5.45E-02	5.61E-02	5.86E-02	3.52E-06	1.17E-02	2.01E-02	1.69E-02	0.00E+00
Michigan	Muskegon	26121	U	Acrylonitrile	1.07E-03	1.10E-03	1.21E-03	1.37E-03	1.50E-03	1.58E-03	2.05E-03	2.47E-03	3.04E-04	1.20E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Muskegon	26121	U	Arsenic Compounds	1.12E-05	1.25E-05	2.10E-05	3.20E-05	3.23E-05	4.04E-05	5.45E-05	6.32E-05	7.59E-06	2.05E-05	1.90E-07	4.06E-06	0.00E+00
Michigan	Muskegon	26121	U	Benzene	8.34E-01	8.50E-01	9.50E-01	1.05E+00	1.08E+00	1.22E+00	1.29E+00	1.38E+00	1.03E-03	3.32E-02	3.14E-01	2.49E-01	4.80E-01
Michigan	Muskegon	26121	U	Beryllium Compounds	1.11E-06	1.59E-06	2.98E-06	4.94E-06	5.68E-06	8.12E-06	1.01E-05	1.10E-05	3.77E-07	5.27E-06	0.00E+00	3.77E-08	0.00E+00
Michigan	Muskegon	26121	U	1,3-Butadiene	1.87E-02	1.93E-02	2.76E-02	3.80E-02	4.11E-02	5.29E-02	6.39E-02	7.28E-02	0.00E+00	2.09E-03	2.45E-02	1.44E-02	0.00E+00
Michigan	Muskegon	26121	U	Cadmium Compounds	8.77E-06	8.91E-06	1.06E-05	1.39E-05	1.47E-05	1.74E-05	2.16E-05	2.35E-05	1.47E-06	1.28E-05	0.00E+00	5.27E-07	0.00E+00
Michigan	Muskegon	26121	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	5.57E-07	1.06E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Muskegon	26121	U	Chloroform	8.38E-02	8.38E-02	8.41E-02	8.45E-02	8.48E-02	8.51E-02	8.58E-02	8.61E-02	3.24E-06	1.79E-03	0.00E+00	0.00E+00	8

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Muskegon	26121	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
Michigan	Muskegon	26121	U	Polycyclic Organic Matter	1.67E-02	1.79E-02	2.89E-02	4.27E-02	4.96E-02	7.26E-02	8.95E-02	9.71E-02	3.00E-07	4.94E-02	8.56E-05	1.21E-04	0.00E+00
Michigan	Muskegon	26121	U	7-PAH	5.83E-04	6.17E-04	8.02E-04	9.46E-04	1.09E-03	1.40E-03	1.68E-03	1.81E-03	1.31E-07	9.91E-04	3.80E-05	6.14E-05	0.00E+00
Michigan	Muskegon	26121	U	Propylene Dichloride	6.66E-05	6.93E-05	7.78E-05	8.77E-05	9.47E-05	1.04E-04	1.28E-04	1.52E-04	1.84E-05	7.63E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Muskegon	26121	U	Quinoline	7.23E-08	1.76E-07	2.76E-07	4.80E-07	6.65E-07	7.68E-07	1.26E-06	1.43E-06	0.00E+00	6.65E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Muskegon	26121	U	1,1,2,2-Tetrachloroethane	5.69E-04	5.89E-04	6.49E-04	7.30E-04	8.05E-04	8.56E-04	1.11E-03	1.34E-03	1.69E-04	6.37E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Muskegon	26121	U	Trichloroethylene	9.02E-02	9.74E-02	1.07E-01	1.56E-01	2.66E-01	2.80E-01	4.76E-01	6.38E-01	1.72E-01	1.32E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Muskegon	26121	U	Vinyl Chloride	1.43E-03	1.47E-03	1.62E-03	1.83E-03	2.01E-03	2.12E-03	2.76E-03	3.31E-03	4.15E-04	1.59E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Newaygo	26123	R	Acetaldehyde	5.93E-02	6.61E-02	9.06E-02	1.26E-01	1.31E-01	1.78E-01	1.91E-01	2.04E-01	1.35E-04	1.47E-02	7.84E-02	3.76E-02	0.00E+00
Michigan	Newaygo	26123	R	Acrolein	1.92E-02	2.28E-02	2.46E-02	2.54E-02	2.78E-02	3.14E-02	3.47E-02	3.84E-02	5.56E-07	1.27E-02	8.64E-03	6.45E-03	0.00E+00
Michigan	Newaygo	26123	R	Acrylonitrile	3.62E-04	4.48E-04	4.87E-04	6.08E-04	6.57E-04	7.98E-04	9.28E-04	1.10E-03	1.87E-04	4.70E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Newaygo	26123	R	Arsenic Compounds	2.01E-06	2.05E-06	4.00E-06	7.15E-06	7.86E-06	9.24E-06	1.25E-05	2.48E-05	1.75E-06	5.86E-06	1.44E-07	1.07E-07	0.00E+00
Michigan	Newaygo	26123	R	Benzene	5.81E-01	6.09E-01	6.17E-01	6.50E-01	6.57E-01	6.90E-01	7.32E-01	7.49E-01	5.60E-04	2.57E-02	9.00E-02	6.09E-02	4.80E-01
Michigan	Newaygo	26123	R	Beryllium Compounds	2.26E-07	2.75E-07	5.25E-07	8.98E-07	1.06E-06	1.17E-06	1.68E-06	3.71E-06	6.92E-08	9.91E-07	0.00E+00	7.92E-10	0.00E+00
Michigan	Newaygo	26123	R	1,3-Butadiene	6.76E-03	7.16E-03	7.49E-03	8.73E-03	9.62E-03	1.02E-02	1.48E-02	1.67E-02	0.00E+00	3.22E-03	4.46E-03	1.94E-03	0.00E+00
Michigan	Newaygo	26123	R	Cadmium Compounds	1.15E-06	1.41E-06	2.26E-06	3.87E-06	4.14E-06	5.48E-06	6.47E-06	9.78E-06	4.63E-07	3.67E-06	0.00E+00	1.10E-08	0.00E+00
Michigan	Newaygo	26123	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	3.43E-07	4.03E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Newaygo	26123	R	Chloroform	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.35E-02	1.99E-06	2.93E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Newaygo	26123	R	Chromium Compounds	1.64E-05	3.28E-05	9.63E-05	2.77E-04	2.93E-04	4.88E-04	6.11E-04	6.28E-04	1.70E-06	2.72E-04	9.12E-06	1.04E-05	0.00E+00
Michigan	Newaygo	26123	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
Michigan	Newaygo	26123	R	1,3-Dichloropropene	2.15E-03	2.93E-03	4.68E-03	7.55E-03	8.53E-03	9.51E-03	1.44E-02	2.48E-02	0.00E+00	8.53E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Newaygo	26123	R	Diesel Particulate Matter	5.61E-01	5.69E-01	6.39E-01	7.00E-01	7.04E-01	7.57E-01	8.02E-01	9.28E-01	0.00E+00	0.00E+00	2.75E-01	4.29E-01	***
Michigan	Newaygo	26123	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-07	3.56E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Newaygo	26123	R	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	2.27E-05	5.85E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Newaygo	26123	R	Ethylene Oxide	2.89E-05	3.19E-05	7.49E-05	1.58E-04	2.29E-04	2.06E-04	2.96E-04	1.20E-03	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Newaygo	26123	R	Formaldehyde	3.48E-01	3.58E-01	3.85E-01	4.04E-01	4.19E-01	4.56E-01	4.90E-01	5.05E-01	1.07E-04	4.97E-02	6.57E-02	5.34E-02	2.50E-01
Michigan	Newaygo	26123	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.77E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Newaygo	26123	R	Hydrazine	3.08E-10	7.12E-10	1.98E-09	7.58E-09	1.68E-08	1.02E-08	1.61E-08	1.29E-07	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Newaygo	26123	R	Lead Compounds	2.16E-05	2.59E-05	3.66E-05	7.42E-05	8.32E-05	1.34E-04	1.42E-04	1.55E-04	9.38E-06	6.11E-05	1.26E-05	5.94E-08	0.00E+00
Michigan	Newaygo	26123	R	Manganese Compounds	1.82E-05	2.94E-05	5.66E-05	1.40E-04	1.41E-04	2.16E-04	2.61E-04	2.85E-04	4.07E-06	1.22E-04	3.65E-06	1.12E-05	0.00E+00
Michigan	Newaygo	26123	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.55E-03	1.54E-03	1.56E-03	1.57E-03	1.59E-03	1.78E-05	2.30E-05	1.24E-07	2.88E-06	1.50E-03
Michigan	Newaygo	26123	R	Methylene Chloride	1.55E-01	1.56E-01	1.61E-01	1.69E-01	1.75E-01	1.76E-01	1.85E-01	2.52E-01	8.00E-04	2.38E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Newaygo	26123	R	Nickel Compounds	2.22E-05	2.41E-05	6.29E-05	1.33E-04	1.48E-04	1.98E-04	2.35E-04	4.45E-04	1.47E-06	1.31E-04	7.09E-06	7.84E-06	0.00E+00
Michigan	Newaygo	26123	R	Perchloroethylene	1.42E-01	1.43E-01	1.45E-01	1.47E-01	1.49E-01	1.51E-01	1.54E-01	1.66E-01	3.34E-04	8.45E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Newaygo	26123	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
Michigan	Newaygo	26123	R	Polycyclic Organic Matter	1.09E-02	1.39E-02	1.89E-02	2.41E-02	2.92E-02	2.85E-02	4.52E-02	8.87E-02	1.33E-07	2.91E-02	6.57E-05	3.23E-05	0.00E+00
Michigan	Newaygo	26123	R	7-PAH	5.56E-04	5.71E-04	7.20E-04	7.81E-04	9.18E-04	8.83E-04	1.35E-03	2.18E-03	3.21E-07	8.72E-04	2.92E-05	1.65E-05	0.00E+00
Michigan	Newaygo	26123	R	Propylene Dichloride	2.17E-05	2.70E-05	2.94E-05	3.80E-05	4.01E-05	4.87E-05	5.69E-05	6.70E-05	1.13E-05				

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Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Oakland	26125	U	Chromium Compounds	1.42E-03	1.82E-03	2.48E-03	2.89E-03	3.23E-03	3.63E-03	4.85E-03	6.39E-03	3.46E-04	2.73E-03	4.64E-05	1.00E-04	0.00E+00
Michigan	Oakland	26125	U	Coke Oven Emissions	0.00E+00	0.00E+00	1.66E-03	2.60E-03	2.72E-03	3.51E-03	5.27E-03	6.26E-03	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Michigan	Oakland	26125	U	1,3-Dichloropropene	4.14E-02	5.18E-02	7.47E-02	9.46E-02	9.59E-02	1.15E-01	1.43E-01	1.53E-01	0.00E+00	9.59E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Oakland	26125	U	Diesel Particulate Matter	1.70E+00	1.77E+00	1.87E+00	1.97E+00	2.04E+00	2.15E+00	2.44E+00	2.58E+00	0.00E+00	0.00E+00	6.99E-01	1.34E+00	***
Michigan	Oakland	26125	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	3.04E-06	8.93E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Oakland	26125	U	Ethylene Dichloride	6.16E-02	6.16E-02	6.17E-02	6.17E-02	6.18E-02	6.18E-02	6.20E-02	6.21E-02	6.58E-04	1.26E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Oakland	26125	U	Ethylene Oxide	3.11E-03	4.44E-03	5.85E-03	7.49E-03	8.24E-03	9.66E-03	1.35E-02	1.62E-02	1.14E-04	8.13E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Oakland	26125	U	Formaldehyde	1.16E+00	1.27E+00	1.42E+00	1.58E+00	1.58E+00	1.69E+00	1.86E+00	2.07E+00	7.25E-03	2.71E-01	5.62E-01	4.85E-01	2.50E-01
Michigan	Oakland	26125	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.95E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Oakland	26125	U	Hydrazine	1.86E-08	3.04E-08	4.30E-08	6.25E-08	9.43E-08	1.09E-07	2.04E-07	2.75E-07	0.00E+00	9.43E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Oakland	26125	U	Lead Compounds	6.46E-04	1.14E-03	1.84E-03	3.33E-03	2.96E-03	3.90E-03	4.25E-03	4.53E-03	4.76E-04	8.39E-04	6.45E-05	1.58E-03	0.00E+00
Michigan	Oakland	26125	U	Manganese Compounds	4.56E-04	7.92E-04	1.17E-03	1.97E-03	1.84E-03	2.27E-03	2.55E-03	2.96E-03	9.84E-04	7.32E-04	1.88E-05	1.08E-04	0.00E+00
Michigan	Oakland	26125	U	Mercury Compounds	1.82E-03	1.85E-03	1.93E-03	1.99E-03	1.99E-03	2.05E-03	2.11E-03	2.14E-03	6.71E-05	3.89E-04	6.23E-07	2.57E-05	1.50E-03
Michigan	Oakland	26125	U	Methylene Chloride	2.99E-01	3.41E-01	4.03E-01	4.61E-01	4.74E-01	5.27E-01	6.31E-01	7.15E-01	1.94E-02	3.05E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Oakland	26125	U	Nickel Compounds	2.02E-03	2.91E-03	3.98E-03	4.87E-03	5.77E-03	6.60E-03	9.50E-03	1.24E-02	2.96E-04	5.33E-03	3.61E-05	1.09E-04	0.00E+00
Michigan	Oakland	26125	U	Perchloroethylene	2.13E-01	2.27E-01	2.60E-01	2.95E-01	2.92E-01	3.18E-01	3.45E-01	3.63E-01	1.05E-02	1.42E-01	0.00E+00	0.00E+00	1.40E-01
Michigan	Oakland	26125	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
Michigan	Oakland	26125	U	Polycyclic Organic Matter	5.77E-02	6.93E-02	1.01E-01	1.30E-01	1.31E-01	1.57E-01	1.96E-01	2.08E-01	1.25E-02	1.18E-01	3.32E-04	3.68E-04	0.00E+00
Michigan	Oakland	26125	U	7-PAH	1.46E-03	1.69E-03	2.10E-03	2.51E-03	2.53E-03	2.94E-03	3.49E-03	3.66E-03	7.37E-07	2.21E-03	1.48E-04	1.79E-04	0.00E+00
Michigan	Oakland	26125	U	Propylene Dichloride	3.02E-04	3.19E-04	3.44E-04	3.71E-04	3.90E-04	4.17E-04	4.87E-04	5.28E-04	3.29E-04	6.08E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Oakland	26125	U	Quinoline	2.07E-07	3.00E-07	2.19E-04	3.70E-04	3.97E-04	5.33E-04	7.67E-04	9.27E-04	3.97E-04	4.99E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Oakland	26125	U	1,1,2,2-Tetrachloroethane	2.69E-03	2.85E-03	3.08E-03	3.31E-03	3.49E-03	3.73E-03	4.32E-03	4.77E-03	3.01E-03	4.71E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Oakland	26125	U	Trichloroethylene	1.16E-01	1.26E-01	1.39E-01	1.52E-01	1.59E-01	1.71E-01	1.98E-01	2.16E-01	2.04E-02	5.75E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Oakland	26125	U	Vinyl Chloride	7.09E-03	7.43E-03	7.95E-03	8.56E-03	9.00E-03	9.58E-03	1.11E-02	1.19E-02	7.42E-03	1.57E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Oceana	26127	R	Acetaldehyde	1.10E-01	1.10E-01	1.19E-01	1.27E-01	1.29E-01	1.41E-01	1.50E-01	1.50E-01	2.57E-04	9.07E-03	4.15E-02	7.86E-02	0.00E+00
Michigan	Oceana	26127	R	Acrolein	3.06E-02	3.06E-02	3.15E-02	3.41E-02	3.43E-02	3.65E-02	3.87E-02	3.87E-02	5.28E-07	1.04E-02	4.65E-03	1.92E-02	0.00E+00
Michigan	Oceana	26127	R	Acrylonitrile	7.92E-04	7.92E-04	9.76E-04	1.06E-03	1.14E-03	1.41E-03	1.46E-03	1.46E-03	2.09E-05	1.12E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Oceana	26127	R	Arsenic Compounds	3.81E-06	3.81E-06	4.56E-06	5.27E-06	5.67E-06	6.99E-06	7.72E-06	7.72E-06	1.94E-06	3.26E-06	9.64E-08	3.80E-07	0.00E+00
Michigan	Oceana	26127	R	Benzene	9.97E-01	9.97E-01	1.01E+00	1.05E+00	1.05E+00	1.09E+00	1.12E+00	1.12E+00	1.95E-04	2.27E-02	5.50E-02	4.96E-01	4.80E-01
Michigan	Oceana	26127	R	Beryllium Compounds	3.86E-07	3.86E-07	4.35E-07	5.25E-07	5.88E-07	7.75E-07	8.17E-07	8.17E-07	8.89E-08	4.96E-07	0.00E+00	2.90E-09	0.00E+00
Michigan	Oceana	26127	R	1,3-Butadiene	3.17E-02	3.17E-02	3.53E-02	3.67E-02	3.61E-02	3.81E-02	3.86E-02	3.86E-02	0.00E+00	3.04E-03	3.46E-03	2.96E-02	0.00E+00
Michigan	Oceana	26127	R	Cadmium Compounds	1.66E-06	1.66E-06	1.76E-06	2.25E-06	2.25E-06	2.57E-06	3.00E-06	3.00E-06	4.09E-07	1.80E-06	0.00E+00	4.03E-08	0.00E+00
Michigan	Oceana	26127	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	3.82E-08	2.72E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Oceana	26127	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	2.23E-07	1.98E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Oceana	26127	R	Chromium Compounds	5.97E-05	5.97E-05	1.35E-04	1.75E-04	1.66E-04	1.81E-04	2.77E-04	2.77E-04	1.75E-06	1.50E-04	6.04E-06	7.52E-06	0.00E+00
Michigan	Oceana	26127	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
Michigan	Oceana	26127	R	1,3-Dichloropropene	3.57E-03	3.57E-03	3.87E-03	4.26E-03	4.80E-03	5.58E-03	6.71E-03	6.71E-03	0.00E+00	4.80E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Oceana	26127	R	Diesel Particulate Matter	5.61E-01	5.61E-01	6.11E-01	6.32E-01	6.22E-01	6.40E-01	6.63E-01	6.63E-01	0.00E+00	0.00E+00	2.39E-01	3.83E-01	***
Michigan	Oceana	26127	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	1.17E-08	6.32E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Oceana	26127	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02										

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Oceana	26127	R	7-PAH	6.73E-04	6.73E-04	7.23E-04	7.48E-04	7.71E-04	7.75E-04	9.34E-04	9.34E-04	7.86E-10	5.97E-04	1.93E-05	1.54E-04	0.00E+00
Michigan	Oceana	26127	R	Propylene Dichloride	4.79E-05	4.79E-05	5.91E-05	6.42E-05	6.89E-05	8.52E-05	8.81E-05	8.81E-05	1.26E-06	6.76E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Oceana	26127	R	Quinoline	3.42E-09	3.42E-09	7.00E-09	1.32E-08	1.19E-08	1.45E-08	2.14E-08	2.14E-08	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Oceana	26127	R	1,1,2,2-Tetrachloroethane	4.35E-04	4.35E-04	5.37E-04	5.86E-04	6.28E-04	7.77E-04	8.03E-04	8.03E-04	1.16E-05	6.16E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Oceana	26127	R	Trichloroethylene	8.29E-02	8.29E-02	8.39E-02	8.45E-02	8.45E-02	8.55E-02	8.57E-02	8.57E-02	1.49E-03	2.02E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Oceana	26127	R	Vinyl Chloride	1.07E-03	1.07E-03	1.32E-03	1.44E-03	1.55E-03	1.91E-03	1.98E-03	1.98E-03	2.85E-05	1.52E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	Acetaldehyde	4.84E-02	4.84E-02	5.61E-02	5.97E-02	6.36E-02	7.04E-02	8.78E-02	8.78E-02	0.00E+00	1.12E-02	2.54E-02	2.70E-02	0.00E+00
Michigan	Ogemaw	26129	R	Acrolein	1.88E-02	1.88E-02	2.05E-02	2.26E-02	2.40E-02	2.65E-02	3.42E-02	3.42E-02	0.00E+00	1.49E-02	3.05E-03	6.06E-03	0.00E+00
Michigan	Ogemaw	26129	R	Acrylonitrile	3.30E-04	3.30E-04	3.67E-04	3.95E-04	4.13E-04	4.42E-04	5.67E-04	5.67E-04	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	Arsenic Compounds	4.55E-06	4.55E-06	5.45E-06	7.78E-06	1.32E-05	9.20E-06	5.60E-05	5.60E-05	1.04E-09	1.31E-05	8.00E-08	4.80E-10	0.00E+00
Michigan	Ogemaw	26129	R	Benzene	6.26E-01	6.26E-01	6.39E-01	6.53E-01	6.66E-01	6.87E-01	7.43E-01	7.43E-01	0.00E+00	3.09E-02	3.75E-02	1.17E-01	4.80E-01
Michigan	Ogemaw	26129	R	Beryllium Compounds	1.82E-07	1.82E-07	2.30E-07	2.57E-07	4.32E-07	5.92E-07	1.11E-06	1.11E-06	0.00E+00	4.32E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	1,3-Butadiene	9.42E-03	9.42E-03	1.03E-02	1.14E-02	1.39E-02	1.67E-02	2.47E-02	2.47E-02	0.00E+00	4.94E-03	2.53E-03	6.39E-03	0.00E+00
Michigan	Ogemaw	26129	R	Cadmium Compounds	7.14E-07	7.14E-07	8.74E-07	9.82E-07	1.32E-06	1.70E-06	2.74E-06	2.74E-06	2.83E-10	1.32E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	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	1.77E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Ogemaw	26129	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	1.09E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Ogemaw	26129	R	Chromium Compounds	2.50E-05	2.50E-05	2.97E-05	4.04E-05	5.34E-05	7.90E-05	1.04E-04	1.04E-04	2.10E-09	4.44E-05	4.96E-06	4.02E-06	0.00E+00
Michigan	Ogemaw	26129	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
Michigan	Ogemaw	26129	R	1,3-Dichloropropene	2.06E-03	2.06E-03	2.52E-03	2.89E-03	3.74E-03	4.74E-03	7.56E-03	7.56E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	Diesel Particulate Matter	3.06E-01	3.06E-01	3.23E-01	3.54E-01	3.57E-01	3.91E-01	4.14E-01	4.14E-01	0.00E+00	0.00E+00	1.49E-01	2.08E-01	***
Michigan	Ogemaw	26129	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	2.29E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Ogemaw	26129	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	0.00E+00	4.94E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Ogemaw	26129	R	Ethylene Oxide	1.23E-05	1.23E-05	2.24E-05	3.14E-05	9.91E-05	1.43E-04	3.86E-04	3.86E-04	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	Formaldehyde	3.41E-01	3.41E-01	3.50E-01	3.57E-01	3.70E-01	3.84E-01	4.36E-01	4.36E-01	1.09E-07	6.13E-02	2.39E-02	3.47E-02	2.50E-01
Michigan	Ogemaw	26129	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.62E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Ogemaw	26129	R	Hydrazine	8.89E-12	8.89E-12	1.75E-11	3.19E-11	5.86E-11	9.83E-11	1.65E-10	1.65E-10	0.00E+00	5.86E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	Lead Compounds	1.24E-05	1.24E-05	1.39E-05	1.57E-05	2.58E-05	3.32E-05	6.88E-05	6.88E-05	5.98E-09	1.89E-05	6.90E-06	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	Manganese Compounds	7.13E-06	7.13E-06	7.69E-06	8.65E-06	1.09E-05	1.43E-05	1.92E-05	1.92E-05	1.67E-07	4.36E-06	2.02E-06	4.40E-06	0.00E+00
Michigan	Ogemaw	26129	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	8.33E-11	6.26E-06	6.75E-08	1.15E-06	1.50E-03
Michigan	Ogemaw	26129	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.66E-01	1.70E-01	1.73E-01	2.12E-01	2.12E-01	1.06E-02	9.65E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Ogemaw	26129	R	Nickel Compounds	7.24E-05	7.24E-05	9.30E-05	1.31E-04	2.74E-04	1.90E-04	1.29E-03	1.29E-03	2.59E-10	2.69E-04	3.87E-06	1.89E-06	0.00E+00
Michigan	Ogemaw	26129	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.45E-01	1.48E-01	1.48E-01	0.00E+00	3.72E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Ogemaw	26129	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
Michigan	Ogemaw	26129	R	Polycyclic Organic Matter	1.04E-02	1.04E-02	1.20E-02	1.37E-02	1.67E-02	2.03E-02	3.13E-02	3.13E-02	1.40E-12	1.66E-02	3.55E-05	6.96E-05	0.00E+00
Michigan	Ogemaw	26129	R	7-PAH	4.83E-04	4.83E-04	5.77E-04	6.10E-04	7.26E-04	8.40E-04	1.27E-03	1.27E-03	1.30E-14	6.74E-04	1.58E-05	3.60E-05	0.00E+00
Michigan	Ogemaw	26129	R	Propylene Dichloride	1.99E-05	1.99E-05	2.21E-05	2.38E-05	2.48E-05	2.66E-05	3.41E-05	3.41E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ogemaw	26129	R	Quinoline	2.32E-10	2.32E-10											

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Ontonagon	26131	R	1,3-Dichloropropene	3.42E-04	3.42E-04	3.42E-04	3.84E-04	5.78E-04	1.01E-03	1.01E-03	1.01E-03	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ontonagon	26131	R	Diesel Particulate Matter	9.23E-02	9.23E-02	9.23E-02	1.06E-01	1.03E-01	1.11E-01	1.11E-01	1.11E-01	0.00E+00	0.00E+00	3.95E-02	6.37E-02	***
Michigan	Ontonagon	26131	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	8.74E-08	0.00E+00	0.00E+00	7.70E-03
Michigan	Ontonagon	26131	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	1.91E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Ontonagon	26131	R	Ethylene Oxide	5.99E-06	5.99E-06	5.99E-06	1.21E-05	1.29E-05	2.06E-05	2.06E-05	2.06E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ontonagon	26131	R	Formaldehyde	3.35E-01	3.35E-01	3.35E-01	3.52E-01	3.59E-01	3.90E-01	3.90E-01	3.90E-01	9.71E-03	5.86E-02	4.50E-03	3.61E-02	2.50E-01
Michigan	Ontonagon	26131	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.57E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Ontonagon	26131	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-13	9.90E-13	9.90E-13	9.90E-13	0.00E+00	3.30E-13	0.00E+00	0.00E+00	0.00E+00
Michigan	Ontonagon	26131	R	Lead Compounds	5.15E-06	5.15E-06	5.15E-06	5.17E-06	8.17E-06	1.42E-05	1.42E-05	1.42E-05	0.00E+00	7.12E-06	1.05E-06	0.00E+00	0.00E+00
Michigan	Ontonagon	26131	R	Manganese Compounds	3.09E-05	3.09E-05	3.09E-05	3.44E-05	9.92E-05	2.32E-04	2.32E-04	2.32E-04	0.00E+00	9.83E-05	3.06E-07	5.64E-07	0.00E+00
Michigan	Ontonagon	26131	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.58E-06	1.04E-08	1.43E-07	1.50E-03
Michigan	Ontonagon	26131	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	1.50E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Ontonagon	26131	R	Nickel Compounds	2.06E-06	2.06E-06	2.06E-06	3.37E-06	6.63E-06	5.45E-06	5.45E-06	5.45E-06	0.00E+00	2.79E-06	5.90E-07	2.45E-07	0.00E+00
Michigan	Ontonagon	26131	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	4.99E-04	0.00E+00	0.00E+00	1.40E-01
Michigan	Ontonagon	26131	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	8.67E-13	0.00E+00	0.00E+00	3.80E-04
Michigan	Ontonagon	26131	R	Polycyclic Organic Matter	3.07E-03	3.07E-03	3.07E-03	3.15E-03	4.21E-03	6.41E-03	6.41E-03	6.41E-03	0.00E+00	4.15E-03	5.43E-06	5.76E-05	0.00E+00
Michigan	Ontonagon	26131	R	7-PAH	3.41E-04	3.41E-04	3.41E-04	3.67E-04	4.32E-04	5.87E-04	5.87E-04	5.87E-04	0.00E+00	3.99E-04	2.41E-06	2.99E-05	0.00E+00
Michigan	Ontonagon	26131	R	Propylene Dichloride	7.40E-06	7.40E-06	7.40E-06	8.81E-06	9.49E-06	1.23E-05	1.23E-05	1.23E-05	0.00E+00	9.49E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Ontonagon	26131	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-11	3.99E-11	3.99E-11	3.99E-11	0.00E+00	1.33E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Ontonagon	26131	R	1,1,2,2-Tetrachloroethane	6.76E-05	6.76E-05	6.76E-05	8.05E-05	8.67E-05	1.12E-04	1.12E-04	1.12E-04	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Ontonagon	26131	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.13E-02	8.13E-02	8.14E-02	8.14E-02	8.14E-02	0.00E+00	2.97E-04	0.00E+00	0.00E+00	8.10E-02
Michigan	Ontonagon	26131	R	Vinyl Chloride	1.67E-04	1.67E-04	1.67E-04	1.98E-04	2.14E-04	2.76E-04	2.76E-04	2.76E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	Acetaldehyde	4.80E-02	4.80E-02	4.85E-02	5.54E-02	5.52E-02	6.05E-02	6.30E-02	6.30E-02	0.00E+00	1.24E-02	3.19E-02	1.09E-02	0.00E+00
Michigan	Osceola	26133	R	Acrolein	1.41E-02	1.41E-02	1.59E-02	1.78E-02	1.77E-02	1.90E-02	2.13E-02	2.13E-02	0.00E+00	1.19E-02	3.91E-03	1.89E-03	0.00E+00
Michigan	Osceola	26133	R	Acrylonitrile	3.00E-04	3.00E-04	4.92E-04	6.10E-04	5.54E-04	6.49E-04	6.61E-04	6.61E-04	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	Arsenic Compounds	2.05E-06	2.05E-06	2.25E-06	3.31E-06	3.39E-06	3.67E-06	5.75E-06	5.75E-06	0.00E+00	3.29E-06	1.00E-07	6.56E-10	0.00E+00
Michigan	Osceola	26133	R	Benzene	5.52E-01	5.52E-01	5.64E-01	5.76E-01	5.72E-01	5.83E-01	5.84E-01	5.84E-01	0.00E+00	2.71E-02	4.99E-02	1.54E-02	4.80E-01
Michigan	Osceola	26133	R	Beryllium Compounds	2.94E-07	2.94E-07	3.10E-07	4.59E-07	4.72E-07	4.98E-07	8.14E-07	8.14E-07	0.00E+00	4.72E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	1,3-Butadiene	5.66E-03	5.66E-03	6.83E-03	6.97E-03	7.93E-03	1.06E-02	1.06E-02	1.06E-02	0.00E+00	3.59E-03	3.52E-03	8.18E-04	0.00E+00
Michigan	Osceola	26133	R	Cadmium Compounds	1.19E-06	1.19E-06	1.37E-06	1.76E-06	1.69E-06	1.86E-06	2.23E-06	2.23E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	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	1.97E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Osceola	26133	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	1.19E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Osceola	26133	R	Chromium Compounds	1.27E-05	1.27E-05	1.50E-05	1.98E-05	2.08E-05	2.69E-05	3.07E-05	3.07E-05	0.00E+00	1.05E-05	6.09E-06	4.25E-06	0.00E+00
Michigan	Osceola	26133	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
Michigan	Osceola	26133	R	1,3-Dichloropropene	3.10E-03	3.10E-03	3.17E-03	4.50E-03	4.56E-03	5.49E-03	6.62E-03	6.62E-03	0.00E+00	4.56E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	Diesel Particulate Matter	4.07E-01	4.07E-01	4.34E-01	4.81E-01	4.75E-01	5.21E-01	5.28E-01	5.28E-01	0.00E+00	0.00E+00	2.03E-01	2.72E-01	***
Michigan	Osceola	26133	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	3.08E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Osceola	26133	R	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	0.00E+00	6.68E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Osceola	26133	R	Ethylene Oxide	2.67E-05	2.67E-05	3.15E-05	3.50E-05	3.96E-05	4.52E-05	6.44E-05	6.44E-05	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	Formaldehyde	3.38E-01	3.38E-01	3.41E-01	3.54E-01	3.53E-01	3.66E-01	3.66E-01	3.66E-01	3.64E-05	5.32E-02	3.15E-02	1.83E-02	2.50E-01
Michigan	Osceola	26133	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	3.94E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Osceola	26133	R	Hydrazine	6.93E-12	6.93E-12	1.39E-11	9.04E-11	8.12E-11	1.17E-10	1.69E-10	1.69E-10	0.00E+00	8.12E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	Lead Compounds	2.18E-05	2.18E-05	2.24E-05	2.97E-05	2.82E-05	3.02E-05	3.52E-05	3.52E-05	0.00E+00	1.97E-05	8.45E-06	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	Manganese Compounds	9.27E-06	9.27E-06	9.91E-06	1.46E-05	1.46E-05	1.94E-05	2.02E-05	2.02E-05	0.00E+00	7.43E-06	2.47E-06	4.74E-06	0.00E+00
Michigan	Osceola	26133	R</														

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Osceola	26133	R	Quinoline	1.95E-10	1.95E-10	3.00E-10	2.20E-09	1.76E-09	2.64E-09	3.05E-09	3.05E-09	0.00E+00	1.76E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	1,1,2,2-Tetrachloroethane	1.64E-04	1.64E-04	2.70E-04	3.35E-04	3.04E-04	3.56E-04	3.63E-04	3.63E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Osceola	26133	R	Trichloroethylene	8.27E-02	8.27E-02	8.30E-02	8.31E-02	8.32E-02	8.32E-02	8.41E-02	8.41E-02	9.39E-04	1.28E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Osceola	26133	R	Vinyl Chloride	4.05E-04	4.05E-04	6.64E-04	8.24E-04	7.48E-04	8.77E-04	8.93E-04	8.93E-04	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	Acetaldehyde	4.99E-02	4.99E-02	5.92E-02	6.92E-02	6.38E-02	6.92E-02	7.16E-02	7.16E-02	7.52E-04	2.49E-02	2.29E-02	1.52E-02	0.00E+00
Michigan	Oscoda	26135	R	Acrolein	3.11E-02	3.11E-02	3.81E-02	4.39E-02	4.16E-02	4.74E-02	4.77E-02	4.77E-02	2.32E-11	3.50E-02	2.75E-03	3.87E-03	0.00E+00
Michigan	Oscoda	26135	R	Acrylonitrile	5.80E-04	5.80E-04	6.22E-04	6.67E-04	6.75E-04	7.49E-04	7.59E-04	7.59E-04	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	Arsenic Compounds	1.57E-06	1.57E-06	1.83E-06	2.70E-06	2.57E-06	3.31E-06	3.44E-06	3.44E-06	1.57E-08	2.48E-06	6.77E-08	4.58E-09	0.00E+00
Michigan	Oscoda	26135	R	Benzene	6.07E-01	6.07E-01	6.20E-01	6.38E-01	6.29E-01	6.40E-01	6.42E-01	6.42E-01	1.31E-10	7.15E-02	3.41E-02	4.38E-02	4.80E-01
Michigan	Oscoda	26135	R	Beryllium Compounds	2.13E-07	2.13E-07	2.20E-07	2.63E-07	2.86E-07	3.66E-07	3.70E-07	3.70E-07	1.83E-12	2.86E-07	0.00E+00	3.00E-11	0.00E+00
Michigan	Oscoda	26135	R	1,3-Butadiene	9.64E-03	9.64E-03	1.24E-02	1.34E-02	1.62E-02	2.28E-02	2.28E-02	2.28E-02	0.00E+00	1.27E-02	2.31E-03	1.17E-03	0.00E+00
Michigan	Oscoda	26135	R	Cadmium Compounds	9.52E-07	9.52E-07	1.01E-06	1.09E-06	1.17E-06	1.40E-06	1.40E-06	1.40E-06	4.24E-09	1.17E-06	0.00E+00	4.16E-10	0.00E+00
Michigan	Oscoda	26135	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
Michigan	Oscoda	26135	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	7.85E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Oscoda	26135	R	Chromium Compounds	7.18E-06	7.18E-06	8.87E-06	1.12E-05	1.12E-05	1.41E-05	1.45E-05	1.45E-05	3.15E-08	3.99E-06	4.22E-06	2.95E-06	0.00E+00
Michigan	Oscoda	26135	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
Michigan	Oscoda	26135	R	1,3-Dichloropropene	1.67E-03	1.67E-03	2.08E-03	2.65E-03	2.90E-03	4.01E-03	4.09E-03	4.09E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	Diesel Particulate Matter	2.44E-01	2.44E-01	2.47E-01	2.66E-01	2.70E-01	2.91E-01	3.00E-01	3.00E-01	0.00E+00	0.00E+00	1.15E-01	1.55E-01	***
Michigan	Oscoda	26135	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	3.76E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Oscoda	26135	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	4.02E-12	8.19E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Oscoda	26135	R	Ethylene Oxide	7.96E-06	7.96E-06	8.15E-06	8.28E-06	1.02E-05	8.58E-06	1.82E-05	1.82E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	Formaldehyde	3.78E-01	3.78E-01	4.19E-01	4.43E-01	4.41E-01	4.80E-01	4.83E-01	4.83E-01	3.13E-04	1.48E-01	2.18E-02	2.08E-02	2.50E-01
Michigan	Oscoda	26135	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	9.02E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Oscoda	26135	R	Hydrazine	4.32E-12	4.32E-12	3.59E-11	6.57E-11	6.03E-11	7.65E-11	1.19E-10	1.19E-10	0.00E+00	6.03E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	Lead Compounds	1.79E-05	1.79E-05	2.01E-05	2.06E-05	2.23E-05	2.65E-05	2.66E-05	2.66E-05	8.98E-08	1.64E-05	5.87E-06	2.37E-09	0.00E+00
Michigan	Oscoda	26135	R	Manganese Compounds	1.23E-05	1.23E-05	1.24E-05	1.87E-05	1.67E-05	1.91E-05	2.10E-05	2.10E-05	2.51E-06	9.22E-06	1.71E-06	3.26E-06	0.00E+00
Michigan	Oscoda	26135	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.25E-09	6.92E-06	5.72E-08	8.26E-07	1.50E-03
Michigan	Oscoda	26135	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.57E-01	1.57E-01	1.59E-01	1.59E-01	1.59E-01	5.02E-04	6.94E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Oscoda	26135	R	Nickel Compounds	1.83E-05	1.83E-05	2.12E-05	3.04E-05	2.69E-05	3.17E-05	3.26E-05	3.26E-05	3.91E-09	2.20E-05	3.29E-06	1.54E-06	0.00E+00
Michigan	Oscoda	26135	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	4.06E-12	2.44E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Oscoda	26135	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
Michigan	Oscoda	26135	R	Polycyclic Organic Matter	1.03E-02	1.03E-02	1.34E-02	1.65E-02	1.69E-02	2.20E-02	2.24E-02	2.24E-02	2.28E-11	1.69E-02	3.03E-05	2.46E-05	0.00E+00
Michigan	Oscoda	26135	R	7-PAH	7.27E-04	7.27E-04	9.94E-04	1.16E-03	1.16E-03	1.45E-03	1.47E-03	1.47E-03	2.32E-13	1.13E-03	1.34E-05	1.27E-05	0.00E+00
Michigan	Oscoda	26135	R	Propylene Dichloride	3.50E-05	3.50E-05	3.75E-05	4.02E-05	4.08E-05	4.52E-05	4.58E-05	4.58E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	Quinoline	9.28E-11	9.28E-11	7.74E-10	1.27E-09	1.30E-09	1.52E-09	2.87E-09	2.87E-09	0.00E+00	1.30E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	1,1,2,2-Tetrachloroethane	3.19E-04	3.19E-04	3.43E-04	3.67E-04	3.72E-04	4.13E-04	4.18E-04	4.18E-04	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Oscoda	26135	R	Trichloroethylene	8.19E-02	8.19E-02	8.20E-02	8.22E-02	8.21E-02	8.22E-02	8.22E-02	8.22E-02	0.00E+00	1.10E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Oscoda	26135	R	Vinyl Chloride	7.99E-04	7.99E-04	8.44E-04	9.09E-04	9.23E-04	1.03E-03	1.04E-03	1.04E-03	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Otsego	26137	R	Acetaldehyde	1.26E-01	1.26E-01	1.34E-01	2.04E-01	2.02E-01	2.12E-01	3.35E-01	3.35E-01	2.25E-02	3.17E-02	4.89E-02	9.93E-02	0.00E+00
Michigan	Otsego	26137	R	Acrolein	6.11E-02	6.11E-02	6.29E-02	8.18E-02	8.31E-02	8.37E-02	1.27E-01	1.27E-01	2.82E-07	3.50E-02	6.16E-03	4.20E-02	0.00E+00
Michigan	Otsego	26137	R	Acrylonitrile	5.18E-04	5.18E-04	6										

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Otsego	26137	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	4.08E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Otsego	26137	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	5.94E-08	8.85E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Otsego	26137	R	Ethylene Oxide	6.61E-05	6.61E-05	1.10E-04	1.23E-04	2.09E-04	1.52E-04	6.79E-04	6.79E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Otsego	26137	R	Formaldehyde	4.78E-01	4.78E-01	4.99E-01	6.27E-01	6.34E-01	6.34E-01	9.37E-01	9.37E-01	7.79E-03	1.64E-01	5.05E-02	1.61E-01	2.50E-01
Michigan	Otsego	26137	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.98E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Otsego	26137	R	Hydrazine	2.83E-10	2.83E-10	3.58E-10	3.34E-09	5.20E-09	4.13E-09	1.98E-08	1.98E-08	0.00E+00	5.20E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Otsego	26137	R	Lead Compounds	2.95E-05	2.95E-05	5.11E-05	6.62E-05	9.02E-05	6.80E-05	2.60E-04	2.60E-04	9.29E-07	7.21E-05	1.72E-05	2.28E-08	0.00E+00
Michigan	Otsego	26137	R	Manganese Compounds	1.86E-05	1.86E-05	2.49E-05	5.94E-05	6.50E-05	6.41E-05	1.63E-04	1.63E-04	1.04E-05	4.03E-05	5.03E-06	9.19E-06	0.00E+00
Michigan	Otsego	26137	R	Mercury Compounds	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.31E-07	2.05E-05	1.69E-07	2.34E-06	1.50E-03
Michigan	Otsego	26137	R	Methylene Chloride	1.57E-01	1.57E-01	1.60E-01	1.70E-01	1.76E-01	1.72E-01	2.29E-01	2.29E-01	3.79E-07	2.63E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Otsego	26137	R	Nickel Compounds	2.22E-05	2.22E-05	3.23E-05	7.86E-05	1.07E-04	8.38E-05	3.49E-04	3.49E-04	3.87E-07	9.22E-05	9.57E-06	5.14E-06	0.00E+00
Michigan	Otsego	26137	R	Perchloroethylene	1.45E-01	1.45E-01	1.45E-01	1.53E-01	1.56E-01	1.55E-01	1.82E-01	1.82E-01	5.62E-08	1.55E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Otsego	26137	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
Michigan	Otsego	26137	R	Polycyclic Organic Matter	1.49E-02	1.49E-02	1.66E-02	4.16E-02	4.46E-02	4.88E-02	1.04E-01	1.04E-01	3.45E-08	4.38E-02	8.75E-05	6.97E-04	0.00E+00
Michigan	Otsego	26137	R	7-PAH	1.01E-03	1.01E-03	1.13E-03	2.01E-03	2.07E-03	2.23E-03	4.02E-03	4.02E-03	6.28E-10	1.67E-03	3.89E-05	3.61E-04	0.00E+00
Michigan	Otsego	26137	R	Propylene Dichloride	3.12E-05	3.12E-05	4.15E-05	4.19E-05	4.26E-05	4.35E-05	5.53E-05	5.53E-05	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Otsego	26137	R	Quinoline	5.18E-09	5.18E-09	6.83E-09	1.94E-08	2.27E-08	2.38E-08	6.18E-08	6.18E-08	0.00E+00	2.27E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Otsego	26137	R	1,1,2,2-Tetrachloroethane	2.83E-04	2.83E-04	3.76E-04	3.81E-04	3.85E-04	3.95E-04	4.98E-04	4.98E-04	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Otsego	26137	R	Trichloroethylene	8.24E-02	8.24E-02	8.33E-02	8.55E-02	8.69E-02	8.57E-02	9.87E-02	9.87E-02	0.00E+00	5.86E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Otsego	26137	R	Vinyl Chloride	7.20E-04	7.20E-04	9.57E-04	9.77E-04	9.88E-04	1.03E-03	1.27E-03	1.27E-03	0.00E+00	9.88E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ottawa	26139	U	Acetaldehyde	3.61E-01	3.62E-01	3.82E-01	4.42E-01	4.41E-01	4.79E-01	5.31E-01	5.86E-01	8.53E-05	2.89E-02	2.44E-01	1.68E-01	0.00E+00
Michigan	Ottawa	26139	U	Acrolein	5.24E-02	5.55E-02	5.83E-02	6.55E-02	6.82E-02	7.56E-02	8.75E-02	9.11E-02	3.51E-06	9.80E-03	2.61E-02	3.23E-02	0.00E+00
Michigan	Ottawa	26139	U	Acrylonitrile	8.38E-04	8.83E-04	9.84E-04	1.27E-03	1.28E-03	1.52E-03	1.70E-03	1.79E-03	2.94E-04	9.84E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ottawa	26139	U	Arsenic Compounds	1.44E-05	1.70E-05	2.20E-05	2.89E-05	3.84E-05	4.83E-05	5.80E-05	1.40E-04	5.94E-06	3.19E-05	3.05E-07	1.97E-07	0.00E+00
Michigan	Ottawa	26139	U	Benzene	1.25E+00	1.29E+00	1.31E+00	1.43E+00	1.60E+00	1.88E+00	2.26E+00	2.35E+00	1.13E-03	3.80E-02	3.87E-01	6.93E-01	4.80E-01
Michigan	Ottawa	26139	U	Beryllium Compounds	2.27E-06	2.51E-06	3.99E-06	6.01E-06	7.96E-06	9.49E-06	1.60E-05	2.43E-05	2.97E-07	7.66E-06	0.00E+00	1.46E-09	0.00E+00
Michigan	Ottawa	26139	U	1,3-Butadiene	4.42E-02	4.55E-02	5.16E-02	6.36E-02	7.97E-02	1.00E-01	1.43E-01	1.57E-01	0.00E+00	1.57E-03	2.91E-02	4.90E-02	0.00E+00
Michigan	Ottawa	26139	U	Cadmium Compounds	8.88E-06	1.01E-05	1.15E-05	1.41E-05	1.87E-05	2.23E-05	2.60E-05	5.88E-05	8.74E-07	1.78E-05	0.00E+00	2.03E-08	0.00E+00
Michigan	Ottawa	26139	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	5.39E-07	1.54E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Ottawa	26139	U	Chloroform	8.37E-02	8.38E-02	8.40E-02	8.41E-02	8.41E-02	8.43E-02	8.46E-02	8.49E-02	3.14E-06	1.14E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Ottawa	26139	U	Chromium Compounds	8.40E-04	1.05E-03	1.28E-03	1.81E-03	3.32E-03	3.57E-03	5.54E-03	1.90E-02	6.06E-06	3.26E-03	1.90E-05	3.21E-05	0.00E+00
Michigan	Ottawa	26139	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
Michigan	Ottawa	26139	U	1,3-Dichloropropene	1.66E-02	1.84E-02	2.82E-02	4.53E-02	5.34E-02	6.38E-02	1.13E-01	1.35E-01	0.00E+00	5.34E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Ottawa	26139	U	Diesel Particulate Matter	1.11E+00	1.15E+00	1.18E+00	1.33E+00	1.48E+00	1.56E+00	1.73E+00	3.41E+00	0.00E+00	0.00E+00	4.79E-01	1.00E+00	***
Michigan	Ottawa	26139	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	1.64E-07	1.13E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Ottawa	26139	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	3.61E-05	1.36E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Ottawa	26139	U	Ethylene Oxide	2.76E-04	3.04E-04	3.70E-04	5.36E-04	7.59E-04	1.01E-03	1.49E-03	2.08E-03	1.29E-06	7.58E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Ottawa	26139	U	Formaldehyde	6.31E-01	6.34E-01	6.54E-01	7.01E-01	7.45E-01	8.00E-01	9.17E-01	9.92E-01	4.22E-04	3.70E-02	2.25E-01	2.33E-01	2.50E-01
Michigan	Ottawa	26139	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	0.00E+00	6.05E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Ottawa	26139	U	Hydrazine	1.58E-08	2.29E-08	3.04E-08	6.88E-08	1.99E-07	1.86E-07	4.22E-07	1.51E-06	7.34E-09	1.92E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Ottawa	26139	U	Lead Comp													

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Ottawa	26139	U	Trichloroethylene	9.85E-02	9.99E-02	1.04E-01	1.13E-01	1.16E-01	1.18E-01	1.29E-01	1.89E-01	1.62E-02	1.91E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Ottawa	26139	U	Vinyl Chloride	1.15E-03	1.20E-03	1.32E-03	1.74E-03	1.73E-03	2.06E-03	2.41E-03	2.43E-03	4.02E-04	1.33E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	Acetaldehyde	9.26E-02	9.26E-02	1.10E-01	1.24E-01	1.25E-01	1.43E-01	1.51E-01	1.51E-01	8.14E-08	1.09E-02	1.75E-02	9.63E-02	0.00E+00
Michigan	Presque Isle	26141	R	Acrolein	2.27E-02	2.27E-02	2.67E-02	2.96E-02	3.16E-02	3.64E-02	4.44E-02	4.44E-02	4.14E-08	1.52E-02	2.11E-03	1.43E-02	0.00E+00
Michigan	Presque Isle	26141	R	Acrylonitrile	2.55E-04	2.55E-04	3.42E-04	3.80E-04	3.73E-04	4.25E-04	4.36E-04	4.36E-04	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	Arsenic Compounds	6.28E-06	6.28E-06	2.03E-05	3.50E-05	4.99E-05	8.01E-05	1.22E-04	1.22E-04	5.89E-07	2.24E-06	5.90E-08	4.70E-05	0.00E+00
Michigan	Presque Isle	26141	R	Benzene	7.04E-01	7.04E-01	7.24E-01	7.37E-01	7.78E-01	8.34E-01	9.29E-01	9.29E-01	5.42E-07	2.82E-02	2.48E-02	2.45E-01	4.80E-01
Michigan	Presque Isle	26141	R	Beryllium Compounds	2.26E-07	2.26E-07	3.54E-07	6.38E-07	7.54E-07	1.19E-06	1.44E-06	1.44E-06	2.88E-08	2.92E-07	0.00E+00	4.33E-07	0.00E+00
Michigan	Presque Isle	26141	R	1,3-Butadiene	1.23E-02	1.23E-02	1.36E-02	1.59E-02	1.70E-02	1.97E-02	2.56E-02	2.56E-02	0.00E+00	4.24E-03	1.59E-03	1.12E-02	0.00E+00
Michigan	Presque Isle	26141	R	Cadmium Compounds	1.29E-06	1.29E-06	2.84E-06	5.03E-06	7.13E-06	1.15E-05	1.71E-05	1.71E-05	2.78E-07	8.03E-07	0.00E+00	6.05E-06	0.00E+00
Michigan	Presque Isle	26141	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.14E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Presque Isle	26141	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	7.14E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Presque Isle	26141	R	Chromium Compounds	3.29E-05	3.29E-05	1.04E-04	1.77E-04	2.53E-04	4.03E-04	6.21E-04	6.21E-04	1.35E-06	3.79E-06	3.74E-06	2.44E-04	0.00E+00
Michigan	Presque Isle	26141	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
Michigan	Presque Isle	26141	R	1,3-Dichloropropene	1.21E-03	1.21E-03	1.57E-03	2.29E-03	3.08E-03	4.37E-03	6.98E-03	6.98E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	Diesel Particulate Matter	1.31E-01	1.31E-01	1.47E-01	1.57E-01	1.70E-01	2.01E-01	2.21E-01	2.21E-01	0.00E+00	0.00E+00	5.79E-02	1.12E-01	***
Michigan	Presque Isle	26141	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.12E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Presque Isle	26141	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.58E-09	4.50E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Presque Isle	26141	R	Ethylene Oxide	6.94E-06	6.94E-06	1.17E-05	1.78E-05	1.85E-05	2.71E-05	2.78E-05	2.78E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	Formaldehyde	3.82E-01	3.82E-01	3.83E-01	3.94E-01	4.03E-01	4.19E-01	4.52E-01	4.52E-01	1.50E-03	6.02E-02	1.62E-02	7.54E-02	2.50E-01
Michigan	Presque Isle	26141	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.78E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Presque Isle	26141	R	Hydrazine	2.14E-11	2.14E-11	7.39E-11	5.35E-10	2.08E-09	3.91E-09	7.63E-09	7.63E-09	0.00E+00	2.08E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	Lead Compounds	1.96E-05	1.96E-05	2.24E-05	5.11E-05	6.35E-05	9.45E-05	1.53E-04	1.53E-04	3.79E-06	9.53E-06	5.19E-06	4.50E-05	0.00E+00
Michigan	Presque Isle	26141	R	Manganese Compounds	2.94E-05	2.94E-05	1.07E-04	1.73E-04	3.10E-04	4.78E-04	9.31E-04	9.31E-04	7.95E-05	3.54E-05	1.51E-06	1.93E-04	0.00E+00
Michigan	Presque Isle	26141	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	3.60E-06	1.82E-06	5.08E-08	2.61E-06	1.50E-03
Michigan	Presque Isle	26141	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.55E-01	1.57E-01	1.59E-01	1.65E-01	1.65E-01	2.01E-06	6.73E-03	0.00E+00	0.00E+00	1.50E-01
Michigan	Presque Isle	26141	R	Nickel Compounds	1.81E-04	1.81E-04	6.84E-04	1.21E-03	1.77E-03	2.85E-03	4.47E-03	4.47E-03	3.36E-07	9.77E-06	2.90E-06	1.76E-03	0.00E+00
Michigan	Presque Isle	26141	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.46E-01	1.50E-01	1.50E-01	6.81E-09	4.30E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Presque Isle	26141	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
Michigan	Presque Isle	26141	R	Polycyclic Organic Matter	7.59E-03	7.59E-03	8.71E-03	1.23E-02	1.50E-02	2.00E-02	3.07E-02	3.07E-02	3.68E-09	1.48E-02	2.68E-05	1.51E-04	0.00E+00
Michigan	Presque Isle	26141	R	7-PAH	4.40E-04	4.40E-04	5.50E-04	6.14E-04	7.07E-04	8.45E-04	1.20E-03	1.20E-03	6.81E-11	6.27E-04	1.19E-05	6.81E-05	0.00E+00
Michigan	Presque Isle	26141	R	Propylene Dichloride	1.55E-05	1.55E-05	2.06E-05	2.29E-05	2.25E-05	2.56E-05	2.64E-05	2.64E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	Quinoline	3.72E-10	3.72E-10	6.77E-10	2.04E-09	6.70E-09	1.22E-08	2.34E-08	2.34E-08	0.00E+00	6.70E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	1,1,2,2-Tetrachloroethane	1.40E-04	1.40E-04	1.88E-04	2.09E-04	2.05E-04	2.34E-04	2.39E-04	2.39E-04	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Presque Isle	26141	R	Trichloroethylene	8.15E-02	8.15E-02	8.16E-02	8.18E-02	8.19E-02	8.21E-02	8.28E-02	8.28E-02	0.00E+00	9.23E-0			

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

Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Roscommon	26143	R	Ethylene Oxide	6.91E-06	7.02E-06	7.09E-06	8.60E-06	8.49E-06	9.09E-06	1.09E-05	1.13E-05	0.00E+00	8.49E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Roscommon	26143	R	Formaldehyde	3.45E-01	3.49E-01	3.52E-01	4.24E-01	4.06E-01	4.35E-01	4.67E-01	4.84E-01	3.28E-05	9.71E-02	3.14E-02	2.78E-02	2.50E-01
Michigan	Roscommon	26143	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	6.10E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Roscommon	26143	R	Hydrazine	4.37E-11	5.00E-11	6.51E-11	8.73E-11	1.27E-10	1.65E-10	2.47E-10	3.77E-10	0.00E+00	1.27E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Roscommon	26143	R	Lead Compounds	1.03E-05	1.09E-05	1.21E-05	2.04E-05	2.34E-05	3.73E-05	3.75E-05	4.32E-05	1.54E-07	1.29E-05	1.04E-05	0.00E+00	0.00E+00
Michigan	Roscommon	26143	R	Manganese Compounds	9.35E-06	1.09E-05	1.61E-05	1.88E-05	2.13E-05	2.97E-05	3.18E-05	3.20E-05	4.34E-06	6.91E-06	3.04E-06	7.00E-06	0.00E+00
Michigan	Roscommon	26143	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	2.06E-09	5.15E-06	1.02E-07	1.83E-06	1.50E-03
Michigan	Roscommon	26143	R	Methylene Chloride	1.57E-01	1.57E-01	1.58E-01	1.65E-01	1.70E-01	1.88E-01	1.88E-01	1.92E-01	7.10E-04	1.92E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Roscommon	26143	R	Nickel Compounds	1.63E-05	2.09E-05	2.28E-05	3.02E-05	4.33E-05	8.18E-05	8.27E-05	8.91E-05	6.81E-09	3.45E-05	5.79E-06	3.03E-06	0.00E+00
Michigan	Roscommon	26143	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.48E-01	1.48E-01	1.54E-01	1.54E-01	1.54E-01	0.00E+00	8.04E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Roscommon	26143	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
Michigan	Roscommon	26143	R	Polycyclic Organic Matter	1.00E-02	1.29E-02	1.36E-02	2.59E-02	2.54E-02	3.78E-02	3.83E-02	3.84E-02	3.47E-11	2.53E-02	5.28E-05	1.02E-05	0.00E+00
Michigan	Roscommon	26143	R	7-PAH	5.91E-04	5.93E-04	6.85E-04	1.17E-03	1.08E-03	1.30E-03	1.65E-03	1.70E-03	3.21E-13	1.05E-03	2.34E-05	5.12E-06	0.00E+00
Michigan	Roscommon	26143	R	Propylene Dichloride	3.90E-05	4.21E-05	4.50E-05	4.75E-05	5.48E-05	7.13E-05	7.97E-05	8.14E-05	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Roscommon	26143	R	Quinoline	1.12E-09	1.15E-09	1.18E-09	1.58E-09	1.84E-09	1.92E-09	3.08E-09	3.98E-09	0.00E+00	1.84E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Roscommon	26143	R	1,1,2,2-Tetrachloroethane	3.56E-04	3.85E-04	4.10E-04	4.34E-04	5.00E-04	6.51E-04	7.28E-04	7.43E-04	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Roscommon	26143	R	Trichloroethylene	8.20E-02	8.20E-02	8.22E-02	8.33E-02	8.39E-02	8.65E-02	8.66E-02	8.77E-02	0.00E+00	2.94E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Roscommon	26143	R	Vinyl Chloride	8.82E-04	9.53E-04	1.02E-03	1.08E-03	1.24E-03	1.62E-03	1.80E-03	1.84E-03	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Saginaw	26145	U	Acetaldehyde	1.82E-01	2.13E-01	2.84E-01	3.39E-01	3.15E-01	3.59E-01	3.80E-01	4.00E-01	1.11E-05	2.03E-02	2.28E-01	6.69E-02	0.00E+00
Michigan	Saginaw	26145	U	Acrolein	3.80E-02	4.16E-02	4.72E-02	5.38E-02	5.23E-02	5.74E-02	6.10E-02	6.34E-02	1.11E-02	6.82E-03	2.27E-02	1.17E-02	0.00E+00
Michigan	Saginaw	26145	U	Acrylonitrile	5.33E-03	5.49E-03	6.68E-03	7.60E-03	7.92E-03	8.43E-03	9.77E-03	1.31E-02	5.69E-03	2.23E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Saginaw	26145	U	Arsenic Compounds	8.56E-06	1.71E-05	2.30E-05	3.60E-05	3.68E-05	4.44E-05	6.13E-05	7.72E-05	9.50E-06	2.72E-05	1.65E-07	5.81E-09	0.00E+00
Michigan	Saginaw	26145	U	Benzene	6.99E-01	7.20E-01	8.31E-01	1.03E+00	1.02E+00	1.22E+00	1.31E+00	1.41E+00	5.87E-02	2.49E-02	3.36E-01	1.25E-01	4.80E-01
Michigan	Saginaw	26145	U	Beryllium Compounds	2.03E-06	2.63E-06	3.86E-06	8.01E-06	7.81E-06	1.02E-05	1.43E-05	1.73E-05	9.72E-07	6.83E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Saginaw	26145	U	1,3-Butadiene	1.23E-02	1.38E-02	1.84E-02	3.75E-02	3.82E-02	5.56E-02	6.69E-02	7.50E-02	1.61E-03	6.33E-04	2.50E-02	1.10E-02	0.00E+00
Michigan	Saginaw	26145	U	Cadmium Compounds	1.16E-05	1.35E-05	1.99E-05	2.49E-05	2.46E-05	2.78E-05	3.51E-05	4.26E-05	1.64E-06	2.30E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Saginaw	26145	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	3.56E-04	1.14E-04	0.00E+00	0.00E+00	8.80E-01
Michigan	Saginaw	26145	U	Chloroform	8.36E-02	8.36E-02	8.38E-02	8.39E-02	8.39E-02	8.40E-02	8.41E-02	8.42E-02	2.63E-06	8.60E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Saginaw	26145	U	Chromium Compounds	2.37E-04	3.02E-04	5.39E-04	1.31E-03	1.94E-03	2.70E-03	4.36E-03	5.17E-03	1.80E-03	1.08E-04	1.06E-05	2.22E-05	0.00E+00
Michigan	Saginaw	26145	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
Michigan	Saginaw	26145	U	1,3-Dichloropropene	8.18E-03	1.16E-02	1.81E-02	4.64E-02	4.31E-02	6.53E-02	7.95E-02	8.61E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Saginaw	26145	U	Diesel Particulate Matter	7.73E-01	8.37E-01	8.97E-01	1.01E+00	1.07E+00	1.09E+00	1.36E+00	1.82E+00	0.00E+00	0.00E+00	4.19E-01	6.54E-01	***
Michigan	Saginaw	26145	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	1.38E-07	1.52E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Saginaw	26145	U	Ethylene Dichloride	6.13E-02	6.13E-02	6.13E-02	6.13E-02	6.13E-02	6.14E-02	6.14E-02	6.15E-02	4.56E-05	2.76E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Saginaw	26145	U	Ethylene Oxide	1.92E-04	3.23E-04	5.70E-04	1.24E-03	1.31E-03	1.75E-03	2.81E-03	3.15E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Saginaw	26145	U	Formaldehyde	4.52E-01	4.75E-01	5.29E-01	5.98E-01	5.99E-01	6.66E-01	7.00E-01	7.81E-01	2.07E-02	2.44E-02	1.96E-01	1.08E-01	2.50E-01
Michigan	Saginaw	26145	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	8.23E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Saginaw	26145	U	Hydrazine	4.46E-09	5.98E-09	1.63E-08	3.34E-08	8.47E-08	7.09E-08	1.96E-07	4.01E-07	0.00E+00	8.47E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Saginaw	26145	U	Lead Compounds	4.01E-04	4.73E-04	8.										

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	St. Clair	26147	U	Acetaldehyde	1.19E-01	1.37E-01	1.55E-01	1.69E-01	1.84E-01	2.06E-01	2.57E-01	2.71E-01	2.53E-05	1.03E-02	1.29E-01	4.42E-02	0.00E+00
Michigan	St. Clair	26147	U	Acrolein	1.96E-02	2.14E-02	2.41E-02	2.57E-02	2.75E-02	3.07E-02	3.66E-02	4.04E-02	1.29E-05	5.74E-03	1.46E-02	7.13E-03	0.00E+00
Michigan	St. Clair	26147	U	Acrylonitrile	3.90E-04	4.13E-04	5.05E-04	6.86E-04	8.55E-04	1.11E-03	1.52E-03	1.62E-03	2.99E-04	5.55E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Clair	26147	U	Arsenic Compounds	1.31E-03	1.47E-03	1.52E-03	1.86E-03	2.64E-03	3.12E-03	4.97E-03	6.62E-03	2.62E-03	1.16E-05	1.60E-07	7.32E-06	0.00E+00
Michigan	St. Clair	26147	U	Benzene	6.70E-01	6.91E-01	7.07E-01	7.71E-01	7.87E-01	8.24E-01	9.56E-01	1.05E+00	8.50E-04	2.32E-02	2.19E-01	6.46E-02	4.80E-01
Michigan	St. Clair	26147	U	Beryllium Compounds	1.54E-06	1.76E-06	2.53E-06	4.11E-06	4.60E-06	6.34E-06	8.29E-06	9.72E-06	1.15E-06	3.39E-06	0.00E+00	6.57E-08	0.00E+00
Michigan	St. Clair	26147	U	1,3-Butadiene	9.26E-03	1.05E-02	1.21E-02	1.90E-02	2.23E-02	2.86E-02	4.17E-02	5.65E-02	0.00E+00	1.17E-03	1.61E-02	5.03E-03	0.00E+00
Michigan	St. Clair	26147	U	Cadmium Compounds	6.41E-06	7.69E-06	1.02E-05	1.40E-05	1.42E-05	1.68E-05	2.20E-05	2.50E-05	4.57E-06	8.69E-06	0.00E+00	9.18E-07	0.00E+00
Michigan	St. Clair	26147	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	5.49E-07	8.48E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	St. Clair	26147	U	Chloroform	8.34E-02	8.34E-02	8.35E-02	8.36E-02	8.36E-02	8.38E-02	8.39E-02	8.40E-02	3.19E-06	6.25E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	St. Clair	26147	U	Chromium Compounds	4.68E-04	5.31E-04	6.64E-04	8.93E-04	9.43E-04	1.16E-03	1.36E-03	1.80E-03	4.96E-04	3.83E-04	1.04E-05	5.41E-05	0.00E+00
Michigan	St. Clair	26147	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
Michigan	St. Clair	26147	U	1,3-Dichloropropene	7.75E-03	9.40E-03	1.34E-02	2.31E-02	2.76E-02	3.71E-02	4.97E-02	7.22E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Clair	26147	U	Diesel Particulate Matter	8.48E-01	8.86E-01	9.30E-01	9.80E-01	1.00E+00	1.05E+00	1.15E+00	1.17E+00	0.00E+00	0.00E+00	3.74E-01	6.29E-01	***
Michigan	St. Clair	26147	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	1.68E-07	4.81E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	St. Clair	26147	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	3.85E-05	7.30E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	St. Clair	26147	U	Ethylene Oxide	1.15E-04	1.30E-04	1.80E-04	4.62E-04	5.79E-04	7.93E-04	1.20E-03	1.55E-03	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Clair	26147	U	Formaldehyde	3.97E-01	4.17E-01	4.34E-01	4.48E-01	4.69E-01	5.02E-01	5.52E-01	5.67E-01	9.20E-04	2.33E-02	1.24E-01	7.09E-02	2.50E-01
Michigan	St. Clair	26147	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	3.76E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	St. Clair	26147	U	Hydrazine	3.64E-09	4.89E-09	8.34E-09	3.61E-08	6.29E-08	7.54E-08	1.66E-07	2.29E-07	0.00E+00	6.29E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Clair	26147	U	Lead Compounds	6.17E-04	6.91E-04	7.84E-04	9.15E-04	1.14E-03	1.28E-03	1.95E-03	2.59E-03	9.85E-04	1.40E-04	1.45E-05	4.24E-06	0.00E+00
Michigan	St. Clair	26147	U	Manganese Compounds	7.45E-04	8.37E-04	8.77E-04	1.09E-03	1.47E-03	1.81E-03	2.67E-03	3.60E-03	1.37E-03	4.66E-05	4.21E-06	4.87E-05	0.00E+00
Michigan	St. Clair	26147	U	Mercury Compounds	1.53E-03	1.54E-03	1.55E-03	1.55E-03	1.57E-03	1.60E-03	1.63E-03	1.63E-03	2.55E-05	4.09E-05	1.40E-07	4.96E-06	1.50E-03
Michigan	St. Clair	26147	U	Methylene Chloride	1.82E-01	1.91E-01	1.97E-01	2.42E-01	2.67E-01	3.13E-01	4.05E-01	4.43E-01	1.07E-03	1.15E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	St. Clair	26147	U	Nickel Compounds	1.21E-04	1.37E-04	2.37E-04	3.70E-04	4.98E-04	5.17E-04	1.41E-03	1.60E-03	1.53E-05	1.99E-04	8.06E-06	2.76E-04	0.00E+00
Michigan	St. Clair	26147	U	Perchloroethylene	1.48E-01	1.48E-01	1.53E-01	1.60E-01	1.63E-01	1.70E-01	1.81E-01	1.93E-01	5.39E-04	2.23E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	St. Clair	26147	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
Michigan	St. Clair	26147	U	Polycyclic Organic Matter	1.06E-02	1.19E-02	1.75E-02	2.92E-02	3.26E-02	4.31E-02	5.73E-02	8.10E-02	1.10E-06	3.25E-02	7.43E-05	2.85E-05	0.00E+00
Michigan	St. Clair	26147	U	7-PAH	3.00E-04	3.49E-04	4.37E-04	6.41E-04	6.88E-04	8.50E-04	1.18E-03	1.54E-03	8.57E-08	6.43E-04	3.30E-05	1.27E-05	0.00E+00
Michigan	St. Clair	26147	U	Propylene Dichloride	2.45E-05	2.65E-05	3.45E-05	4.22E-05	5.28E-05	6.76E-05	9.21E-05	9.83E-05	1.81E-05	3.47E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Clair	26147	U	Quinoline	6.02E-08	7.25E-08	8.57E-08	1.61E-07	2.29E-07	2.76E-07	5.03E-07	6.46E-07	0.00E+00	2.29E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Clair	26147	U	1,1,2,2-Tetrachloroethane	2.07E-04	2.18E-04	2.59E-04	3.70E-04	4.58E-04	6.01E-04	8.22E-04	8.73E-04	1.66E-04	2.92E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Clair	26147	U	Trichloroethylene	8.49E-02	8.59E-02	8.92E-02	9.28E-02	9.30E-02	9.62E-02	1.01E-01	1.01E-01	5.20E-03	6.78E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	St. Clair	26147	U	Vinyl Chloride	7.65E-04	7.98E-04	1.06E-03	1.39E-03	1.46E-03	1.88E-03	2.23E-03	2.31E-03	4.09E-04	1.05E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph	26149	R	Acetaldehyde	1.56E-01	1.57E-01	1.83E-01	2.44E-01	2.33E-01	2.86E-01	2.95E-01	2.96E-01	4.70E-05	1.79E-02	1.38E-01	7.69E-02	0.00E+00
Michigan	St. Joseph	26149	R	Acrolein	3.08E-02	3.15E-02	3.51E-02	4.66E-02	4.67E-02	5.83E-02	6.27E-02	6.30E-02	2.64E-07	8.34E-03	1.66E-02	2.18E-02	0.00E+00
Michigan	St. Joseph	26149	R	Acrylonitrile	6.29E-04	6.34E-04	7.01E-04	8.92E-04	9.38E-04	1.15E-03	1.34E-03	1.34E-03	9.21E-05	8.46E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph	26149	R	Arsenic Compounds	1.62E-05	2.51E-05	3.44E-05	1.18E-04	1.31E-04	2.28E-04	2.61E-04	2.80E-04	1.13E-04	1.67E-05	4.55E-07	5.08E-09	0.00E+00
Michigan	St. Joseph	26149	R	Benzene	9.29E-01	9.37E-01	9.72E-01	1.10E+00	1.22E+00	1.46E+00	1.70E+00	1.70E+00	1.35E-03	3.69E-02	2.18E-01	4.84E-01	4.80E-01
Michigan	St. Joseph	26149	R	Beryllium Compounds	8.22E-07	9.56E-07	1.38E-06	3.10E-06	3.94E-06	6.12E-06	9.18E-06	1.07E-05	1.91E-08	3.92E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph	26149	R	1,3-Butadiene	2.45E-02	2.52E-02	2.80E-02	3.80E-02	4.92E-02	6.98E-02	9.26E-02	9.31E-02	0.00E+00	2.63E-03	1.61E-02	3.05E-02	0.00E+00
Michigan	St. Joseph	26149	R	Cadmium Compounds	3.71E-06	4.39E-06	6.50E-06	1.33E-05	2.56E-05	4.84E-05	5.46E-05	6.50E-05	1.52E-05	1.04E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph																

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	St. Joseph	26149	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.36E-05	9.36E-05	0.00E+00	1.83E-07	0.00E+00	0.00E+00	9.30E-05
Michigan	St. Joseph	26149	R	Hydrazine	9.02E-10	1.07E-09	1.26E-09	2.29E-09	7.93E-07	2.95E-09	5.26E-06	7.40E-06	7.92E-07	1.15E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph	26149	R	Lead Compounds	1.21E-04	1.26E-04	2.45E-04	5.32E-04	5.86E-04	8.84E-04	1.18E-03	1.46E-03	5.67E-05	4.77E-04	3.89E-05	1.30E-05	0.00E+00
Michigan	St. Joseph	26149	R	Manganese Compounds	8.14E-05	1.63E-04	2.07E-04	5.30E-04	8.14E-04	9.03E-04	9.84E-04	5.01E-03	6.79E-04	1.01E-04	1.15E-05	2.21E-05	0.00E+00
Michigan	St. Joseph	26149	R	Mercury Compounds	1.53E-03	1.53E-03	1.54E-03	1.56E-03	1.59E-03	1.66E-03	1.67E-03	1.68E-03	4.29E-05	3.87E-05	3.84E-07	5.77E-06	1.50E-03
Michigan	St. Joseph	26149	R	Methylene Chloride	3.54E-01	3.65E-01	4.27E-01	4.59E-01	4.79E-01	5.20E-01	6.02E-01	7.31E-01	2.42E-01	8.65E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	St. Joseph	26149	R	Nickel Compounds	2.47E-04	2.70E-04	4.16E-04	5.84E-04	7.64E-04	9.10E-04	1.82E-03	2.06E-03	1.89E-04	5.44E-04	2.16E-05	9.51E-06	0.00E+00
Michigan	St. Joseph	26149	R	Perchloroethylene	1.50E-01	1.50E-01	1.61E-01	1.74E-01	1.81E-01	2.07E-01	2.17E-01	2.31E-01	7.27E-03	3.33E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	St. Joseph	26149	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	9.47E-11	0.00E+00	0.00E+00	3.80E-04
Michigan	St. Joseph	26149	R	Polycyclic Organic Matter	1.06E-02	1.30E-02	2.89E-02	4.26E-02	4.94E-02	7.43E-02	9.15E-02	1.02E-01	1.45E-02	3.44E-02	1.97E-04	2.90E-04	0.00E+00
Michigan	St. Joseph	26149	R	7-PAH	3.69E-04	3.89E-04	4.38E-04	7.17E-04	8.44E-04	1.24E-03	1.54E-03	1.55E-03	4.02E-10	6.07E-04	8.73E-05	1.50E-04	0.00E+00
Michigan	St. Joseph	26149	R	Propylene Dichloride	3.77E-05	3.82E-05	4.20E-05	5.36E-05	5.63E-05	6.86E-05	8.02E-05	8.03E-05	5.58E-06	5.07E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph	26149	R	Quinoline	9.05E-09	9.38E-09	1.27E-08	2.22E-08	2.13E-08	2.71E-08	3.55E-08	3.84E-08	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph	26149	R	1,1,2,2-Tetrachloroethane	3.41E-04	3.44E-04	3.79E-04	4.83E-04	5.08E-04	6.19E-04	7.24E-04	7.25E-04	5.11E-05	4.57E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	St. Joseph	26149	R	Trichloroethylene	8.38E-02	8.40E-02	8.79E-02	9.28E-02	1.00E-01	1.17E-01	1.18E-01	1.28E-01	9.14E-03	1.04E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	St. Joseph	26149	R	Vinyl Chloride	8.45E-04	8.56E-04	9.35E-04	1.20E-03	1.26E-03	1.53E-03	1.79E-03	1.80E-03	1.26E-04	1.13E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Sanilac	26151	R	Acetaldehyde	5.99E-02	6.53E-02	7.70E-02	8.81E-02	8.87E-02	9.94E-02	1.11E-01	1.23E-01	1.23E-01	4.02E-03	4.76E-02	3.71E-02	0.00E+00
Michigan	Sanilac	26151	R	Acrolein	9.96E-03	1.12E-02	1.28E-02	1.45E-02	1.47E-02	1.62E-02	1.85E-02	1.99E-02	6.26E-07	2.58E-03	5.48E-03	6.63E-03	0.00E+00
Michigan	Sanilac	26151	R	Acrylonitrile	3.32E-04	4.52E-04	4.95E-04	5.83E-04	5.89E-04	7.02E-04	7.39E-04	8.80E-04	2.57E-05	5.64E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Sanilac	26151	R	Arsenic Compounds	1.90E-06	1.94E-06	2.03E-06	2.28E-06	3.17E-06	2.99E-06	4.49E-06	1.06E-05	1.02E-06	1.94E-06	8.88E-08	1.16E-07	0.00E+00
Michigan	Sanilac	26151	R	Benzene	6.34E-01	6.37E-01	6.51E-01	6.70E-01	6.74E-01	6.93E-01	7.10E-01	7.31E-01	6.98E-05	7.06E-03	6.02E-02	1.26E-01	4.80E-01
Michigan	Sanilac	26151	R	Beryllium Compounds	2.89E-07	3.55E-07	4.25E-07	5.13E-07	6.02E-07	6.95E-07	1.04E-06	1.16E-06	5.45E-08	5.47E-07	0.00E+00	8.85E-10	0.00E+00
Michigan	Sanilac	26151	R	1,3-Butadiene	8.77E-03	9.40E-03	9.62E-03	9.90E-03	1.05E-02	1.04E-02	1.08E-02	1.80E-02	0.00E+00	5.32E-04	3.31E-03	6.71E-03	0.00E+00
Michigan	Sanilac	26151	R	Cadmium Compounds	1.04E-06	1.21E-06	1.28E-06	1.58E-06	1.73E-06	2.18E-06	2.44E-06	2.78E-06	1.33E-07	1.59E-06	0.00E+00	1.23E-08	0.00E+00
Michigan	Sanilac	26151	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	4.70E-08	2.30E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Sanilac	26151	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.33E-02	2.74E-07	1.73E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Sanilac	26151	R	Chromium Compounds	1.14E-05	1.47E-05	2.73E-05	6.90E-05	8.70E-05	1.25E-04	1.84E-04	2.86E-04	6.65E-07	7.52E-05	5.71E-06	5.40E-06	0.00E+00
Michigan	Sanilac	26151	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
Michigan	Sanilac	26151	R	1,3-Dichloropropene	1.99E-03	2.50E-03	3.38E-03	4.26E-03	4.85E-03	5.63E-03	8.16E-03	9.97E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Sanilac	26151	R	Diesel Particulate Matter	5.04E-01	5.22E-01	5.91E-01	6.95E-01	7.32E-01	7.81E-01	9.96E-01	1.25E+00	0.00E+00	0.00E+00	2.42E-01	4.90E-01	***
Michigan	Sanilac	26151	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	1.43E-08	3.24E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Sanilac	26151	R	Ethylene Dichloride	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	3.21E-06	6.80E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Sanilac	26151	R	Ethylene Oxide	2.66E-05	4.53E-05	4.89E-05	6.77E-05	7.54E-05	9.46E-05	1.27E-04	1.41E-04	0.00E+00	7.54E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Sanilac	26151	R	Formaldehyde	3.13E-01	3.22E-01	3.32E-01	3.40E-01	3.45E-01	3.59E-01	3.72E-01	3.85E-01	2.56E-05	1.21E-02	4.03E-02	4.28E-02	2.50E-01
Michigan	Sanilac	26151	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.31E-05	9.35E-05	9.38E-05	0.00E+00	1.70E-07	0.00E+00	0.00E+00	9.30E-05
Michigan	Sanilac	26151	R	Hydrazine	1.38E-10	3.52E-10	5.53E-10	9.11E-10	1.22E-09	2.02E-09	2.53E-09	2.69E-09	0.00E+00	1.22E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Sanilac	26151	R	Lead Compounds	1.78E-05	2.23E-05	2.33E-05	3.06E-05	3.18E-05	4.18E-05	4.37E-05	4.47E-05	1.08E-06	2.27E-05	7.91E-06	7.98E-08	0.00E+00
Michigan	Sanilac	26151	R	Manganese Compounds	7.53E-06	8.44E-06	9.67E-06	1.24E-05	1.42E-05	1.70							

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Schoolcraft	26153	R	Acrylonitrile	3.62E-04	3.62E-04	3.62E-04	5.59E-04	4.99E-04	5.76E-04	5.76E-04	5.76E-04	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Schoolcraft	26153	R	Arsenic Compounds	9.07E-06	9.07E-06	9.07E-06	9.46E-06	1.36E-05	2.22E-05	2.22E-05	2.22E-05	1.39E-07	4.85E-06	4.09E-08	8.56E-06	0.00E+00
Michigan	Schoolcraft	26153	R	Benzene	5.85E-01	5.85E-01	5.85E-01	6.55E-01	7.22E-01	9.27E-01	9.27E-01	9.27E-01	5.39E-07	1.26E-01	1.51E-02	1.01E-01	4.80E-01
Michigan	Schoolcraft	26153	R	Beryllium Compounds	7.74E-08	7.74E-08	7.74E-08	1.47E-07	5.00E-07	1.28E-06	1.28E-06	1.28E-06	7.29E-09	4.16E-07	0.00E+00	7.74E-08	0.00E+00
Michigan	Schoolcraft	26153	R	1,3-Butadiene	7.88E-03	7.88E-03	7.88E-03	1.34E-02	3.93E-02	9.67E-02	9.67E-02	9.67E-02	0.00E+00	3.28E-02	1.28E-03	5.21E-03	0.00E+00
Michigan	Schoolcraft	26153	R	Cadmium Compounds	1.63E-06	1.63E-06	1.63E-06	1.98E-06	2.79E-06	4.76E-06	4.76E-06	4.76E-06	1.81E-08	1.69E-06	0.00E+00	1.08E-06	0.00E+00
Michigan	Schoolcraft	26153	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	6.25E-06	0.00E+00	0.00E+00	8.80E-01
Michigan	Schoolcraft	26153	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	5.19E-05	0.00E+00	0.00E+00	8.30E-02
Michigan	Schoolcraft	26153	R	Chromium Compounds	3.19E-05	3.19E-05	3.19E-05	4.52E-05	5.84E-05	9.82E-05	9.82E-05	9.82E-05	9.09E-08	8.32E-06	2.64E-06	4.74E-05	0.00E+00
Michigan	Schoolcraft	26153	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
Michigan	Schoolcraft	26153	R	1,3-Dichloropropene	4.61E-04	4.61E-04	4.61E-04	6.98E-04	3.97E-03	1.08E-02	1.08E-02	1.08E-02	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Schoolcraft	26153	R	Diesel Particulate Matter	8.98E-02	8.98E-02	8.98E-02	1.11E-01	1.36E-01	2.08E-01	2.08E-01	2.08E-01	0.00E+00	0.00E+00	3.83E-02	9.82E-02	***
Michigan	Schoolcraft	26153	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	2.78E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Schoolcraft	26153	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	1.66E-08	6.21E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Schoolcraft	26153	R	Ethylene Oxide	6.33E-06	6.33E-06	6.33E-06	7.62E-06	1.29E-04	3.72E-04	3.72E-04	3.72E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Schoolcraft	26153	R	Formaldehyde	3.49E-01	3.49E-01	3.49E-01	4.01E-01	5.79E-01	9.86E-01	9.86E-01	9.86E-01	1.01E-07	2.74E-01	8.13E-03	4.64E-02	2.50E-01
Michigan	Schoolcraft	26153	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	7.56E-09	0.00E+00	0.00E+00	9.30E-05
Michigan	Schoolcraft	26153	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
Michigan	Schoolcraft	26153	R	Lead Compounds	1.65E-05	1.65E-05	1.65E-05	3.27E-05	4.13E-05	7.47E-05	7.47E-05	7.47E-05	1.48E-07	3.27E-05	3.73E-06	4.75E-06	0.00E+00
Michigan	Schoolcraft	26153	R	Manganese Compounds	1.67E-04	1.67E-04	1.67E-04	2.87E-04	4.04E-04	7.58E-04	7.58E-04	7.58E-04	1.70E-07	3.64E-04	1.08E-06	3.82E-05	0.00E+00
Michigan	Schoolcraft	26153	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	3.44E-08	4.32E-06	3.66E-08	1.35E-06	1.50E-03
Michigan	Schoolcraft	26153	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.61E-01	1.78E-01	1.78E-01	1.78E-01	1.07E-07	1.11E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Schoolcraft	26153	R	Nickel Compounds	1.49E-04	1.49E-04	1.49E-04	2.84E-04	3.40E-04	5.87E-04	5.87E-04	5.87E-04	9.50E-08	2.14E-05	2.03E-06	3.17E-04	0.00E+00
Michigan	Schoolcraft	26153	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.49E-01	1.64E-01	1.64E-01	1.64E-01	1.58E-08	9.20E-03	0.00E+00	0.00E+00	1.40E-01
Michigan	Schoolcraft	26153	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
Michigan	Schoolcraft	26153	R	Polycyclic Organic Matter	4.10E-03	4.10E-03	4.10E-03	5.65E-03	2.18E-02	5.58E-02	5.58E-02	5.58E-02	7.15E-09	2.18E-02	1.86E-05	5.41E-05	0.00E+00
Michigan	Schoolcraft	26153	R	7-PAH	4.61E-04	4.61E-04	4.61E-04	6.27E-04	1.81E-03	4.34E-03	4.34E-03	4.34E-03	1.46E-10	1.78E-03	8.25E-06	2.61E-05	0.00E+00
Michigan	Schoolcraft	26153	R	Propylene Dichloride	2.19E-05	2.19E-05	2.19E-05	3.38E-05	3.01E-05	3.48E-05	3.48E-05	3.48E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Schoolcraft	26153	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
Michigan	Schoolcraft	26153	R	1,1,2,2-Tetrachloroethane	2.00E-04	2.00E-04	2.00E-04	3.09E-04	2.76E-04	3.19E-04	3.19E-04	3.19E-04	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Schoolcraft	26153	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.17E-02	8.26E-02	8.48E-02	8.48E-02	8.48E-02	0.00E+00	1.64E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Schoolcraft	26153	R	Vinyl Chloride	4.92E-04	4.92E-04	4.92E-04	7.60E-04	6.79E-04	7.84E-04	7.84E-04	7.84E-04	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Shiawassee	26155	R	Acetaldehyde	1.90E-01	1.96E-01	2.43E-01	2.58E-01	2.66E-01	2.93E-01	3.25E-01	3.32E-01	1.92E-06	1.53E-02	1.91E-01	5.88E-02	0.00E+00
Michigan	Shiawassee	26155	R	Acrolein	2.46E-02	2.79E-02	3.49E-02	3.85E-02	3.90E-02	4.35E-02	5.04E-02	5.18E-02	9.79E-07	6.81E-03	2.04E-02	1.19E-02	0.00E+00
Michigan	Shiawassee	26155	R	Acrylonitrile	1.00E-03	1.38E-03	1.53E-03	1.75E-03	1.80E-03	1.98E-03	2.48E-03	2.53E-03	9.14E-04	8.87E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Shiawassee	26155	R	Arsenic Compounds	5.19E-06	6.49E-06	8.92E-06	1.13E-05	1.42E-05	2.05E-05	2.70E-05	3.11E-05	1.35E-06	1.24E-05	4.35E-07	4.76E-09	0.00E+00
Michigan	Shiawassee	26155	R	Benzene	6.80E-01	6.95E-01	7.70E-01	8.42E-01	8.45E-01	9.51E-01	9.70E-01	9.78E-01	3.32E-03	2.82E-02	2.44E-01	8.96E-02	4.80E-01
Michigan	Shiawassee	26155	R	Beryllium Compounds	1.28E-06	1.61E-06	2.26E-06	3.42E-06	3.83E-06	5.47E-06	7.35E-06	8.16E-06	7.25E-08	3.76E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Shiawassee	26155	R	1,3-Butadiene	8.15E-03	1.04E-02	1.10E-02	2.12E-02	2.01E-02	2.68E-02	3.17E-02	3.22E-02	0.00E+00	1.51E-03	1.54E-02	3.23E-03	0.00E+00
Michigan	Shiawassee	26155	R	Cadmium Compounds	5.22E-06	5.24E-06	7.22E-06	9.58E-06									

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Shiawassee	26155	R	Lead Compounds	2.50E-04	2.77E-04	3.17E-04	4.41E-04	4.14E-04	4.76E-04	5.67E-04	5.78E-04	9.12E-06	3.25E-04	3.89E-05	4.12E-05	0.00E+00
Michigan	Shiawassee	26155	R	Manganese Compounds	8.51E-05	1.06E-04	1.39E-04	2.36E-04	2.69E-04	2.74E-04	2.91E-04	1.24E-03	1.37E-04	9.41E-05	1.14E-05	2.58E-05	0.00E+00
Michigan	Shiawassee	26155	R	Mercury Compounds	1.54E-03	1.55E-03	1.56E-03	1.56E-03	1.57E-03	1.58E-03	1.59E-03	1.59E-03	6.38E-07	5.90E-05	3.74E-07	6.80E-06	1.50E-03
Michigan	Shiawassee	26155	R	Methylene Chloride	1.78E-01	1.81E-01	1.91E-01	2.10E-01	2.26E-01	2.57E-01	3.14E-01	3.31E-01	3.25E-03	7.30E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Shiawassee	26155	R	Nickel Compounds	1.09E-04	1.21E-04	1.56E-04	2.03E-04	2.44E-04	3.18E-04	4.71E-04	5.06E-04	4.71E-05	1.65E-04	2.16E-05	1.09E-05	0.00E+00
Michigan	Shiawassee	26155	R	Perchloroethylene	1.50E-01	1.51E-01	1.56E-01	1.63E-01	1.65E-01	1.73E-01	1.82E-01	1.89E-01	1.66E-03	2.30E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Shiawassee	26155	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
Michigan	Shiawassee	26155	R	Polycyclic Organic Matter	1.29E-02	1.64E-02	2.14E-02	3.46E-02	3.65E-02	5.39E-02	6.83E-02	7.04E-02	3.83E-05	3.62E-02	1.97E-04	4.51E-05	0.00E+00
Michigan	Shiawassee	26155	R	7-PAH	3.41E-04	4.45E-04	5.25E-04	8.01E-04	8.09E-04	1.07E-03	1.33E-03	1.36E-03	1.51E-09	6.99E-04	8.74E-05	2.25E-05	0.00E+00
Michigan	Shiawassee	26155	R	Propylene Dichloride	6.00E-05	8.25E-05	9.16E-05	1.05E-04	1.08E-04	1.19E-04	1.49E-04	1.52E-04	5.53E-05	5.25E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Shiawassee	26155	R	Quinoline	1.05E-08	1.12E-08	1.19E-08	1.27E-08	1.38E-08	1.59E-08	1.84E-08	2.02E-08	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Shiawassee	26155	R	1,1,2,2-Tetrachloroethane	5.42E-04	7.46E-04	8.29E-04	9.50E-04	9.76E-04	1.08E-03	1.35E-03	1.37E-03	5.07E-04	4.70E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Shiawassee	26155	R	Trichloroethylene	1.25E-01	1.28E-01	1.33E-01	2.03E-01	2.40E-01	3.28E-01	4.55E-01	4.81E-01	1.51E-01	7.83E-03	0.00E+00	0.00E+00	8.10E-02
Michigan	Shiawassee	26155	R	Vinyl Chloride	1.34E-03	1.85E-03	2.05E-03	2.35E-03	2.42E-03	2.68E-03	3.33E-03	3.39E-03	1.25E-03	1.17E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Tuscola	26157	R	Acetaldehyde	9.01E-02	1.01E-01	1.23E-01	1.74E-01	1.89E-01	2.58E-01	2.74E-01	3.65E-01	8.57E-06	1.37E-02	1.32E-01	4.36E-02	0.00E+00
Michigan	Tuscola	26157	R	Acrolein	1.31E-02	1.39E-02	1.90E-02	2.56E-02	2.83E-02	3.74E-02	4.14E-02	5.10E-02	4.28E-04	5.60E-03	1.32E-02	9.07E-03	0.00E+00
Michigan	Tuscola	26157	R	Acrylonitrile	8.44E-04	9.44E-04	1.07E-03	1.28E-03	1.66E-03	1.72E-03	2.63E-03	4.46E-03	5.46E-04	1.12E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Tuscola	26157	R	Arsenic Compounds	2.64E-06	2.74E-06	9.18E-06	1.35E-05	1.31E-05	1.77E-05	2.00E-05	2.17E-05	7.50E-06	5.39E-06	1.65E-07	1.80E-09	0.00E+00
Michigan	Tuscola	26157	R	Benzene	6.12E-01	6.28E-01	6.51E-01	6.96E-01	7.23E-01	7.80E-01	8.34E-01	9.27E-01	4.83E-03	1.74E-02	1.32E-01	8.91E-02	4.80E-01
Michigan	Tuscola	26157	R	Beryllium Compounds	7.84E-07	8.89E-07	1.17E-06	1.78E-06	2.03E-06	2.86E-06	3.54E-06	3.74E-06	4.10E-07	1.62E-06	0.00E+00	2.78E-13	0.00E+00
Michigan	Tuscola	26157	R	1,3-Butadiene	6.05E-03	6.57E-03	7.35E-03	1.02E-02	1.01E-02	1.19E-02	1.46E-02	1.60E-02	2.83E-05	1.49E-03	5.92E-03	2.62E-03	0.00E+00
Michigan	Tuscola	26157	R	Cadmium Compounds	2.13E-06	3.11E-06	3.90E-06	5.34E-06	5.88E-06	7.72E-06	8.85E-06	1.09E-05	9.88E-07	4.89E-06	0.00E+00	3.84E-12	0.00E+00
Michigan	Tuscola	26157	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-05	5.49E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Tuscola	26157	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.36E-02	8.38E-02	3.75E-06	4.10E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Tuscola	26157	R	Chromium Compounds	2.27E-05	5.13E-05	1.61E-04	2.28E-04	2.27E-04	3.13E-04	3.46E-04	4.25E-04	1.20E-04	8.47E-05	1.05E-05	1.14E-05	0.00E+00
Michigan	Tuscola	26157	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
Michigan	Tuscola	26157	R	1,3-Dichloropropene	4.93E-03	5.59E-03	6.82E-03	9.89E-03	1.12E-02	1.46E-02	1.87E-02	1.89E-02	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Tuscola	26157	R	Diesel Particulate Matter	6.14E-01	6.15E-01	7.00E-01	8.02E-01	7.96E-01	9.05E-01	9.49E-01	9.55E-01	0.00E+00	0.00E+00	3.07E-01	4.89E-01	***
Michigan	Tuscola	26157	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.97E-07	6.37E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Tuscola	26157	R	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.13E-02	4.38E-05	1.35E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Tuscola	26157	R	Ethylene Oxide	8.95E-05	1.04E-04	1.44E-04	2.18E-04	2.55E-04	3.70E-04	4.32E-04	5.31E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Tuscola	26157	R	Formaldehyde	3.49E-01	3.54E-01	3.86E-01	4.28E-01	4.43E-01	4.92E-01	5.17E-01	5.80E-01	1.40E-03	2.79E-02	9.86E-02	6.47E-02	2.50E-01
Michigan	Tuscola	26157	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	9.98E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Tuscola	26157	R	Hydrazine	5.32E-10	5.38E-10	9.98E-10	1.41E-09	3.83E-09	1.93E-09	3.37E-09	3.25E-08	0.00E+00	3.83E-09	0.00E+00	0.00E+00	0.00E+00
Michigan	Tuscola	26157	R	Lead Compounds	6.10E-05	6.39E-05	9.37E-05	2.58E-04	2.52E-04	3.70E-04	3.89E-04	5.48E-04	1.34E-04	8.52E-05	1.45E-05	1.89E-05	0.00E+00
Michigan	Tuscola	26157	R	Manganese Compounds	1.49E-05	2.95E-05	3.33E-05	1.16E-03	1.10E-03	1.61E-03	1.84E-03	2.96E-03	9.91E-04	8.81E-05	4.20E-06	1.26E-05	0.00E+00
Michigan	Tuscola	26157	R	Mercury Compounds	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.59E-03	3.17E-06	3.54E-05	1.42E-07	3.33E-06	1.50E-03
Michigan	Tuscola	26157	R	Methylene Chloride	1.63E-01	1.64E-01	1.68E-01	1.75E-01	1.81E-01	1.89E-01	2.02E-01	2.37E-01	1.24E-03	3.01E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Tuscola	26157	R	Nickel Compounds	3.66E-05	3.69E-05	4.17E-05	2.81E-04	2.60E-04	3.88E-04	4.67E-04	5.90E-04	1.79E-04	6.78E-05	8.16E-06	5.21E-06	0.00E+00
Michigan	Tuscola	26157	R	Perchloroethylene	1.46E-01	1.46E-01	1.46E-01	1.50E-01	1.52E-01	1.56E-01	1.60E-01	1.61E-01	6.31E-04	1.11E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Tuscola	26157	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
Michigan	Tuscola	26157	R	Polycyclic Organic Matter	7.04E-03	9.40E-03	9.80E-03	1.64E-02	1.72E-02	2.45E-02	2.62E-02	2.82E-02	6.13E-04	1.65E-02	7.58E-05	4.77E-05	0.00E+00
Michigan	Tuscola	26157	R	7-PAH	1.95E-04	2.44E-04	3.27E-04	4.23E-04	4.62E-04	6.11E-04	7.17E-04	7.21E-04	8.02E-09	4.04E-04	3.36E-05	2.43E-05	0.00E+00
Michigan	Tuscola	26157	R	Propylene Dichloride	5.09E-05	5.69E-05	6.43E-05	7.72E-05	8.85E-05	1.03E-04	1.23E-04	1.58E-04	2.13E-05	6.72E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Tuscola	26157	R	Quinoline	6.87E-09												

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Van Buren	26159	U	Benzene	7.18E-01	7.27E-01	7.34E-01	7.80E-01	8.11E-01	8.25E-01	1.05E+00	1.07E+00	2.63E-03	2.35E-02	1.75E-01	1.30E-01	4.80E-01
Michigan	Van Buren	26159	U	Beryllium Compounds	8.96E-07	9.88E-07	1.14E-06	1.53E-06	2.41E-06	1.90E-06	4.82E-06	1.23E-05	5.12E-09	2.41E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	1,3-Butadiene	1.27E-02	1.27E-02	1.36E-02	1.53E-02	2.15E-02	1.87E-02	5.41E-02	5.92E-02	0.00E+00	2.95E-03	1.15E-02	7.08E-03	0.00E+00
Michigan	Van Buren	26159	U	Cadmium Compounds	2.70E-06	3.58E-06	3.89E-06	5.47E-06	6.63E-06	7.93E-06	9.19E-06	2.14E-05	2.76E-08	6.60E-06	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	2.69E-08	5.80E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Van Buren	26159	U	Chloroform	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.36E-02	8.37E-02	3.66E-08	4.34E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Van Buren	26159	U	Chromium Compounds	3.31E-04	4.12E-04	4.97E-04	5.24E-04	2.39E-03	1.65E-03	4.70E-03	2.12E-02	1.69E-05	2.34E-03	1.76E-05	1.34E-05	0.00E+00
Michigan	Van Buren	26159	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
Michigan	Van Buren	26159	U	1,3-Dichloropropene	9.06E-03	9.98E-03	1.08E-02	1.33E-02	1.86E-02	1.93E-02	3.62E-02	5.58E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	Diesel Particulate Matter	1.05E+00	1.07E+00	1.08E+00	1.15E+00	1.19E+00	1.17E+00	1.43E+00	1.75E+00	0.00E+00	0.00E+00	4.61E-01	7.25E-01	***
Michigan	Van Buren	26159	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	1.92E-09	4.47E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Van Buren	26159	U	Ethylene Dichloride	6.11E-02	6.11E-02	6.11E-02	6.11E-02	6.13E-02	6.17E-02	6.18E-02	6.20E-02	2.52E-04	8.69E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Van Buren	26159	U	Ethylene Oxide	1.22E-04	1.26E-04	1.52E-04	2.03E-04	5.46E-04	2.59E-04	1.35E-03	4.10E-03	1.28E-04	4.18E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	Formaldehyde	4.41E-01	4.43E-01	4.60E-01	4.97E-01	5.13E-01	5.57E-01	5.86E-01	7.01E-01	2.14E-02	3.83E-02	1.19E-01	8.50E-02	2.50E-01
Michigan	Van Buren	26159	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	0.00E+00	8.22E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Van Buren	26159	U	Hydrazine	7.91E-10	9.02E-10	1.15E-09	2.05E-09	2.06E-08	8.82E-09	3.91E-08	2.17E-07	2.67E-10	2.03E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	Lead Compounds	8.15E-05	1.05E-04	1.25E-04	1.79E-04	2.13E-04	2.25E-04	3.59E-04	7.17E-04	8.98E-06	1.33E-04	2.46E-05	4.69E-05	0.00E+00
Michigan	Van Buren	26159	U	Manganese Compounds	4.59E-05	5.21E-05	5.36E-05	6.77E-05	9.26E-05	8.97E-05	1.72E-04	3.46E-04	1.78E-05	5.23E-05	7.21E-06	1.53E-05	0.00E+00
Michigan	Van Buren	26159	U	Mercury Compounds	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.54E-03	1.55E-03	1.56E-03	1.57E-03	2.62E-08	3.62E-05	2.42E-07	3.79E-06	1.50E-03
Michigan	Van Buren	26159	U	Methylene Chloride	1.90E-01	2.00E-01	2.09E-01	2.71E-01	2.94E-01	3.60E-01	4.10E-01	5.71E-01	8.40E-02	6.04E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Van Buren	26159	U	Nickel Compounds	2.07E-04	2.10E-04	2.81E-04	3.21E-04	1.48E-03	9.91E-04	2.94E-03	1.35E-02	6.44E-08	1.46E-03	1.37E-05	6.65E-06	0.00E+00
Michigan	Van Buren	26159	U	Perchloroethylene	1.50E-01	1.50E-01	1.53E-01	1.54E-01	1.62E-01	1.62E-01	1.77E-01	2.32E-01	9.76E-05	2.24E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Van Buren	26159	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
Michigan	Van Buren	26159	U	Polycyclic Organic Matter	1.17E-02	1.24E-02	1.35E-02	1.67E-02	2.15E-02	2.21E-02	4.10E-02	6.01E-02	2.27E-05	2.13E-02	1.25E-04	6.25E-05	0.00E+00
Michigan	Van Buren	26159	U	7-PAH	3.66E-04	3.74E-04	3.90E-04	4.37E-04	5.73E-04	5.40E-04	1.17E-03	1.44E-03	1.14E-10	4.85E-04	5.56E-05	3.18E-05	0.00E+00
Michigan	Van Buren	26159	U	Propylene Dichloride	2.86E-05	3.58E-05	3.98E-05	4.11E-05	4.30E-05	4.58E-05	4.85E-05	6.96E-05	2.08E-07	4.28E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	Quinoline	1.29E-08	1.55E-08	2.54E-08	2.95E-08	7.64E-08	4.50E-08	1.26E-07	5.60E-07	0.00E+00	7.64E-08	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	1,1,2,2-Tetrachloroethane	2.48E-04	3.21E-04	3.56E-04	3.70E-04	3.83E-04	4.01E-04	4.35E-04	6.27E-04	1.90E-06	3.82E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Van Buren	26159	U	Trichloroethylene	8.44E-02	8.45E-02	8.77E-02	9.03E-02	9.59E-02	9.23E-02	1.07E-01	1.72E-01	4.36E-03	1.06E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Van Buren	26159	U	Vinyl Chloride	6.15E-04	8.06E-04	9.19E-04	9.30E-04	9.64E-04	1.02E-03	1.04E-03	1.57E-03	4.68E-06	9.59E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Washtenaw	26161	U	Acetaldehyde	3.84E-01	4.61E-01	5.72E-01	6.91E-01	6.60E-01	7.53E-01	8.19E-01	8.41E-01	9.45E-05	3.17E-02	4.04E-01	2.24E-01	0.00E+00
Michigan	Washtenaw	26161	U	Acrolein	6.16E-02	6.34E-02	8.08E-02	9.68E-02	9.39E-02	1.07E-01	1.16E-01	1.23E-01	7.38E-05	9.89E-03	4.61E-02	3.78E-02	0.00E+00
Michigan	Washtenaw	26161	U	Acrylonitrile	7.95E-04	8.61E-04	9.20E-04	1.71E-03	1.54E-03	2.08E-03	2.20E-03	2.38E-03	8.93E-04	6.45E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Washtenaw	26161	U	Arsenic Compounds	1.37E-05	3.16E-05	4.51E-05	6.15E-05	6.20E-05	8.17E-05	9.27E-05	1.08E-04	2.36E-05	3.69E-05	4.88E-07	1.03E-06	0.00E+00
Michigan	Washtenaw	26161	U	Benzene	1.00E+00	1.07E+00	1.26E+00	1.46E+00	1.49E+00	1.61E+00	1.83E+00	2.06E+00	1.00E-02	2.76E-02	6.55E-01	3.15E-01	4.80E-01
Michigan	Washtenaw	26161	U	Beryllium Compounds	6.60E-06	6.98E-06	1.05E-05	1.34E-05	1.43E-05	1.57E-05	2.07E-05	2.76E-05	1.28E-0				

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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
Michigan	Washtenaw	26161	U	Mercury Compounds	1.71E-03	1.73E-03	1.78E-03	1.92E-03	1.93E-03	2.00E-03	2.08E-03	2.19E-03	4.54E-05	3.62E-04	4.18E-07	1.79E-05	1.50E-03
Michigan	Washtenaw	26161	U	Methylene Chloride	2.20E-01	2.43E-01	3.07E-01	3.52E-01	3.71E-01	4.18E-01	4.73E-01	5.86E-01	3.10E-03	2.17E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Washtenaw	26161	U	Nickel Compounds	5.46E-04	8.39E-04	1.14E-03	1.52E-03	1.57E-03	1.86E-03	2.29E-03	2.50E-03	2.99E-04	1.19E-03	2.37E-05	6.18E-05	0.00E+00
Michigan	Washtenaw	26161	U	Perchloroethylene	1.67E-01	1.78E-01	2.09E-01	2.33E-01	2.38E-01	2.54E-01	2.90E-01	3.33E-01	2.20E-03	9.60E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Washtenaw	26161	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
Michigan	Washtenaw	26161	U	Polycyclic Organic Matter	2.74E-02	3.90E-02	6.38E-02	9.59E-02	9.72E-02	1.18E-01	1.49E-01	2.02E-01	6.71E-03	9.01E-02	2.19E-04	1.50E-04	0.00E+00
Michigan	Washtenaw	26161	U	7-PAH	6.85E-04	8.51E-04	1.20E-03	1.70E-03	1.80E-03	2.07E-03	2.55E-03	3.47E-03	8.03E-07	1.64E-03	9.71E-05	5.90E-05	0.00E+00
Michigan	Washtenaw	26161	U	Propylene Dichloride	4.77E-05	5.26E-05	5.62E-05	1.03E-04	9.31E-05	1.25E-04	1.33E-04	1.44E-04	5.40E-05	3.90E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Washtenaw	26161	U	Quinoline	1.02E-07	1.43E-07	1.64E-07	2.50E-07	1.87E-04	4.19E-04	4.54E-04	4.76E-04	1.86E-04	2.25E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Washtenaw	26161	U	1,1,2,2-Tetrachloroethane	4.13E-04	4.53E-04	4.82E-04	9.00E-04	8.11E-04	1.10E-03	1.16E-03	1.26E-03	4.95E-04	3.16E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Washtenaw	26161	U	Trichloroethylene	9.77E-02	1.03E-01	1.07E-01	1.14E-01	1.21E-01	1.22E-01	1.37E-01	1.70E-01	1.05E-02	2.92E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Washtenaw	26161	U	Vinyl Chloride	1.08E-03	1.27E-03	1.34E-03	2.44E-03	2.21E-03	2.94E-03	3.14E-03	3.44E-03	1.22E-03	9.89E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	26163	U	Acetaldehyde	9.11E-01	9.99E-01	1.10E+00	1.20E+00	1.22E+00	1.28E+00	1.36E+00	1.48E+00	2.35E-04	5.97E-02	7.76E-01	3.87E-01	0.00E+00
Michigan	Wayne	26163	U	Acrolein	1.23E-01	1.34E-01	1.46E-01	1.60E-01	1.67E-01	1.74E-01	1.90E-01	2.14E-01	1.90E-04	1.34E-02	8.48E-02	6.84E-02	0.00E+00
Michigan	Wayne	26163	U	Acrylonitrile	2.93E-03	3.30E-03	4.00E-03	4.84E-03	8.34E-03	6.88E-03	1.02E-02	1.50E-02	6.89E-03	1.45E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	26163	U	Arsenic Compounds	8.02E-05	8.97E-05	1.22E-04	2.74E-04	5.57E-04	9.34E-04	1.12E-03	1.39E-03	4.86E-04	5.74E-05	1.06E-06	1.21E-05	0.00E+00
Michigan	Wayne	26163	U	Benzene	1.62E+00	1.78E+00	1.98E+00	2.19E+00	2.20E+00	2.40E+00	2.55E+00	2.67E+00	7.90E-02	5.78E-02	1.21E+00	3.69E-01	4.80E-01
Michigan	Wayne	26163	U	Beryllium Compounds	1.24E-05	1.48E-05	1.85E-05	2.20E-05	2.27E-05	2.54E-05	2.99E-05	3.46E-05	4.96E-06	1.76E-05	0.00E+00	1.05E-07	0.00E+00
Michigan	Wayne	26163	U	1,3-Butadiene	6.42E-02	7.81E-02	9.78E-02	1.23E-01	1.22E-01	1.43E-01	1.59E-01	1.74E-01	8.85E-05	2.79E-04	9.33E-02	2.82E-02	0.00E+00
Michigan	Wayne	26163	U	Cadmium Compounds	1.07E-04	1.27E-04	1.57E-04	2.14E-04	3.66E-04	3.13E-04	5.15E-04	7.77E-04	1.03E-04	2.61E-04	0.00E+00	1.46E-06	0.00E+00
Michigan	Wayne	26163	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	8.81E-01	8.82E-01	1.26E-05	1.06E-03	0.00E+00	0.00E+00	8.80E-01
Michigan	Wayne	26163	U	Chloroform	8.55E-02	8.57E-02	8.64E-02	8.71E-02	8.98E-02	8.87E-02	9.12E-02	9.50E-02	7.34E-05	6.75E-03	0.00E+00	0.00E+00	8.30E-02
Michigan	Wayne	26163	U	Chromium Compounds	2.43E-03	2.61E-03	3.14E-03	4.12E-03	5.05E-03	5.65E-03	8.62E-03	1.12E-02	6.77E-04	4.10E-03	6.65E-05	2.12E-04	0.00E+00
Michigan	Wayne	26163	U	Coke Oven Emissions	3.51E-03	3.80E-03	4.73E-03	6.75E-03	7.69E-03	9.67E-03	1.27E-02	1.45E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	26163	U	1,3-Dichloropropene	6.04E-02	7.93E-02	1.01E-01	1.35E-01	1.36E-01	1.72E-01	1.93E-01	2.09E-01	0.00E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	26163	U	Diesel Particulate Matter	1.93E+00	1.99E+00	2.08E+00	2.20E+00	2.40E+00	2.45E+00	2.85E+00	3.40E+00	0.00E+00	0.00E+00	8.90E-01	1.51E+00	***
Michigan	Wayne	26163	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	7.70E-03	7.71E-03	7.71E-03	3.85E-06	1.30E-06	0.00E+00	0.00E+00	7.70E-03
Michigan	Wayne	26163	U	Ethylene Dichloride	6.14E-02	6.14E-02	6.15E-02	6.16E-02	6.20E-02	6.18E-02	6.22E-02	6.28E-02	8.35E-04	1.57E-04	0.00E+00	0.00E+00	6.10E-02
Michigan	Wayne	26163	U	Ethylene Oxide	2.45E-03	3.01E-03	4.03E-03	4.93E-03	5.51E-03	6.15E-03	8.19E-03	1.06E-02	6.28E-04	4.88E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	26163	U	Formaldehyde	1.31E+00	1.41E+00	1.53E+00	1.64E+00	1.74E+00	1.78E+00	1.97E+00	2.18E+00	1.24E-02	7.17E-02	7.29E-01	6.75E-01	2.50E-01
Michigan	Wayne	26163	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.83E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Wayne	26163	U	Hydrazine	3.24E-08	4.21E-08	6.50E-08	1.12E-07	1.93E-07	2.37E-07	4.37E-07	6.32E-07	0.00E+00	1.93E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	26163	U	Lead Compounds	2.13E-03	2.34E-03	3.36E-03	4.69E-03	7.02E-03	7.68E-03	1.21E-02	1.70E-02	5.72E-04	1.47E-03	9.30E-05	4.89E-03	0.00E+00
Michigan	Wayne	26163	U	Manganese Compounds	1.41E-03	1.65E-03	2.13E-03	2.78E-03	3.24E-03	3.70E-03	5.19E-03	6.79E-03	1.58E-03	1.42E-03	2.74E-05	2.13E-04	0.00E+00
Michigan	Wayne	26163	U	Mercury Compounds	1.89E-03	1.96E-03	2.02E-03	2.17E-03	2.60E-03	2.45E-03	3.06E-03	3.77E-03	1.77E-04	8.76E-04	8.90E-07	4.30E-05	1.50E-03
Michigan	Wayne	26163	U	Methylene Chloride	3.66E-01	4.01E-01	4.67E-01	5.27E-01	5.73E-01	6.25E-01	7.79E-01	9.04E-01	2.47E-02	3.99E-01	0.00E+00	0.00E+00	1.50E-01
Michigan	Wayne	26163	U	Nickel Compounds	2.97E-03	3.66E-03	4.00E-03	5.32E-03	6.33E-03	7.14E-03	1.01E-02	1.39E-02	1.67E-03	4.11E-03	5.20E-05	5.02E-04	0.00E+00
Michigan	Wayne	26163	U	Perchloroethylene	2.38E-01	2.67E-01	2.96E-01	3.33E-01	3.35E-01	3.67E-01	3.94E-01	4.14E-01	1.41E-02	1.81E-01	0.00E+00	0.00E+00	1.40E-01
Michigan	Wayne	26163	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
Michigan	Wayne	26163	U	Polycyclic Organic Matter	1.02E-01	1.31E-01	1.70E-01	2.24E-01	2.24E-01	2.64E-01	3.07E-01	3.43E-01	5.86E-02	1.65E-01	4.72E-04	2.05E-04	0.00E+00
Michigan	Wayne	26163	U	7-PAH	1.76E-03	2.20E-03	2.71E-03	3.45E-03	3.52E-03	4.13E-03	4.61E-03	4.91E-03	2.64E-06	3.24E-03	2.10E-04	7.17E-05	0.00E+00
Michigan	Wayne	26163	U	Propylene Dichloride	1.78E-04	2.03E-04	2.42E-04	2.93E-04	5.01E-04	4.17E-04	6.12E-04	8.94E-04	4.17E-04	8.37E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	26163	U	Quinoline	5.35E-04	6.31E-04	8.38E-04	1.37E-03	1.96E-03	2.23E-03	3.61E-03	5.50E-03	1.96E-03	8.36E-07	0.00E+00	0.00E+00	0.00E+00
Michigan	Wayne	2															

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m³) for Michigan																	
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
Michigan	Wexford	26165	R	1,3-Butadiene	7.28E-03	7.28E-03	7.49E-03	1.79E-02	2.46E-02	4.08E-02	5.69E-02	5.69E-02	0.00E+00	1.35E-02	9.38E-03	1.67E-03	0.00E+00
Michigan	Wexford	26165	R	Cadmium Compounds	1.82E-06	1.82E-06	2.19E-06	7.25E-06	9.82E-06	1.42E-05	2.95E-05	2.95E-05	0.00E+00	9.82E-06	0.00E+00	2.45E-10	0.00E+00
Michigan	Wexford	26165	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	2.63E-05	0.00E+00	0.00E+00	8.80E-01
Michigan	Wexford	26165	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.35E-02	8.35E-02	0.00E+00	2.40E-04	0.00E+00	0.00E+00	8.30E-02
Michigan	Wexford	26165	R	Chromium Compounds	2.07E-05	2.07E-05	2.54E-05	1.42E-04	2.42E-04	2.75E-04	1.03E-03	1.03E-03	0.00E+00	2.11E-04	1.83E-05	1.27E-05	0.00E+00
Michigan	Wexford	26165	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
Michigan	Wexford	26165	R	1,3-Dichloropropene	2.06E-03	2.06E-03	3.57E-03	1.90E-02	2.70E-02	4.98E-02	6.90E-02	6.90E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	0.00E+00
Michigan	Wexford	26165	R	Diesel Particulate Matter	3.44E-01	3.44E-01	3.54E-01	4.59E-01	5.27E-01	5.83E-01	1.08E+00	1.08E+00	0.00E+00	0.00E+00	1.91E-01	3.37E-01	***
Michigan	Wexford	26165	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.81E-07	0.00E+00	0.00E+00	7.70E-03
Michigan	Wexford	26165	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	0.00E+00	4.02E-05	0.00E+00	0.00E+00	6.10E-02
Michigan	Wexford	26165	R	Ethylene Oxide	5.57E-05	5.57E-05	7.14E-05	7.68E-04	1.05E-03	1.63E-03	3.43E-03	3.43E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00
Michigan	Wexford	26165	R	Formaldehyde	3.62E-01	3.62E-01	3.75E-01	4.65E-01	4.96E-01	5.89E-01	7.45E-01	7.45E-01	1.36E-03	1.32E-01	5.77E-02	5.47E-02	2.50E-01
Michigan	Wexford	26165	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.26E-08	0.00E+00	0.00E+00	9.30E-05
Michigan	Wexford	26165	R	Hydrazine	7.44E-12	7.44E-12	7.62E-12	9.36E-12	3.94E-11	4.53E-11	1.83E-10	1.83E-10	0.00E+00	3.94E-11	0.00E+00	0.00E+00	0.00E+00
Michigan	Wexford	26165	R	Lead Compounds	3.02E-05	3.02E-05	6.24E-05	1.52E-04	1.92E-04	2.63E-04	5.49E-04	5.49E-04	0.00E+00	1.54E-04	2.60E-05	1.16E-05	0.00E+00
Michigan	Wexford	26165	R	Manganese Compounds	1.22E-05	1.22E-05	1.41E-05	5.05E-05	6.41E-05	9.03E-05	1.91E-04	1.91E-04	0.00E+00	4.31E-05	7.58E-06	1.35E-05	0.00E+00
Michigan	Wexford	26165	R	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.58E-03	1.58E-03	0.00E+00	3.06E-05	2.56E-07	3.63E-06	1.50E-03
Michigan	Wexford	26165	R	Methylene Chloride	1.55E-01	1.55E-01	1.57E-01	1.96E-01	2.19E-01	2.46E-01	4.00E-01	4.00E-01	0.00E+00	6.92E-02	0.00E+00	0.00E+00	1.50E-01
Michigan	Wexford	26165	R	Nickel Compounds	2.06E-05	2.06E-05	2.51E-05	1.65E-04	2.79E-04	3.38E-04	1.15E-03	1.15E-03	0.00E+00	2.59E-04	1.41E-05	5.87E-06	0.00E+00
Michigan	Wexford	26165	R	Perchloroethylene	1.43E-01	1.43E-01	1.44E-01	1.65E-01	1.77E-01	2.00E-01	2.55E-01	2.55E-01	0.00E+00	3.71E-02	0.00E+00	0.00E+00	1.40E-01
Michigan	Wexford	26165	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
Michigan	Wexford	26165	R	Polycyclic Organic Matter	1.02E-02	1.02E-02	1.59E-02	7.01E-02	9.66E-02	1.77E-01	2.36E-01	2.36E-01	0.00E+00	9.64E-02	1.29E-04	1.87E-05	0.00E+00
Michigan	Wexford	26165	R	7-PAH	5.75E-04	5.75E-04	7.17E-04	2.07E-03	2.82E-03	4.95E-03	6.47E-03	6.47E-03	0.00E+00	2.75E-03	5.71E-05	9.25E-06	0.00E+00
Michigan	Wexford	26165	R	Propylene Dichloride	1.59E-05	1.59E-05	1.75E-05	1.91E-05	1.98E-05	2.22E-05	2.45E-05	2.45E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00
Michigan	Wexford	26165	R	Quinoline	1.66E-10	1.66E-10	1.68E-10	1.99E-10	8.31E-10	8.76E-10	4.00E-09	4.00E-09	0.00E+00	8.31E-10	0.00E+00	0.00E+00	0.00E+00
Michigan	Wexford	26165	R	1,1,2,2-Tetrachloroethane	1.44E-04	1.44E-04	1.58E-04	1.73E-04	1.79E-04	2.01E-04	2.21E-04	2.21E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
Michigan	Wexford	26165	R	Trichloroethylene	8.27E-02	8.27E-02	8.54E-02	1.14E-01	1.31E-01	1.39E-01	2.92E-01	2.92E-01	3.76E-02	1.28E-02	0.00E+00	0.00E+00	8.10E-02
Michigan	Wexford	26165	R	Vinyl Chloride	3.54E-04	3.54E-04	3.89E-04	4.26E-04	4.40E-04	4.96E-04	5.45E-04	5.45E-04	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00
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				

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

Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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	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	5.66E-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	4.84E-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	6.12E-02	6.37E-02	6.17E-02	6.35E-02	6.95E-02	2.34E-03	3.37E-04	0.00E+00	0.00E+00	6.10E-02
National	All Urban Counties	N/A	U	Ethylene Oxide	1.20E-04	2.66E-04	8.55E-04	2.30E-03	5.02E-03	5.01E-03	9.87E-03	1.63E-02	5.26E-04	4.49E-03	0.00E+00	0.00E+00	0.00E+00
National	All Urban Counties	N/A	U	Formaldehyde	4.21E-01	5.10E-01	7.18E-01	1.06E+00	1.44E+00	1.62E+00	2.46E+00	3.73E+00	1.28E-02	1.34E-01	4.54E-01	5.88E-01	2.50E-01
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-0											

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration																	
Estimated Annual Average Ambient Concentrations (µg/m ³) for Michigan																	
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 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