

US EPA ARCHIVE DOCUMENT

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Statewide	N/A	N/A	Acetaldehyde - Primary	7.46E+01	1.32E-03	3.34E+02	5.92E-03	1.02E+03	1.81E-02	1.87E+03	3.30E-02	3.30E+03	5.84E-02
Michigan	Statewide	N/A	N/A	Acrolein - Primary	4.70E+00	8.31E-05	3.47E+02	6.14E-03	1.62E+02	2.87E-03	3.30E+02	5.84E-03	8.44E+02	1.49E-02
Michigan	Statewide	N/A	N/A	Acrylonitrile	3.40E+01	6.01E-04	2.78E+01	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E+01	1.09E-03
Michigan	Statewide	N/A	N/A	Arsenic Compounds	2.33E+01	4.13E-04	5.06E-01	8.94E-06	9.09E-03	1.61E-07	7.02E-02	1.24E-06	2.39E+01	4.23E-04
Michigan	Statewide	N/A	N/A	Benzene	4.34E+02	7.67E-03	1.20E+03	2.11E-02	6.90E+03	1.22E-01	1.01E+04	1.78E-01	1.86E+04	3.29E-01
Michigan	Statewide	N/A	N/A	Beryllium Compounds	3.58E-01	6.33E-06	2.14E-01	3.79E-06	0.00E+00	0.00E+00	7.00E-04	1.24E-08	5.73E-01	1.01E-05
Michigan	Statewide	N/A	N/A	1,3-Butadiene	3.97E+01	7.02E-04	2.80E+02	4.96E-03	8.50E+02	1.50E-02	9.60E+02	1.70E-02	2.13E+03	3.77E-02
Michigan	Statewide	N/A	N/A	Cadmium Compounds	1.13E+00	2.00E-05	9.07E-01	1.60E-05	0.00E+00	0.00E+00	9.80E-03	1.73E-07	2.05E+00	3.62E-05
Michigan	Statewide	N/A	N/A	Carbon Tetrachloride	1.59E+00	2.81E-05	2.91E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E+00	7.95E-05
Michigan	Statewide	N/A	N/A	Chloroform	1.65E-01	2.91E-06	2.10E+01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+01	3.74E-04
Michigan	Statewide	N/A	N/A	Chromium Compounds	1.08E+01	1.91E-04	2.19E+01	3.87E-04	4.89E-01	8.65E-06	1.25E+00	2.22E-05	3.44E+01	6.09E-04
Michigan	Statewide	N/A	N/A	Coke Oven Emissions	4.03E+01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+01	7.13E-04
Michigan	Statewide	N/A	N/A	1,3-Dichloropropene	0.00E+00	0.00E+00	7.77E+02	1.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E+02	1.38E-02
Michigan	Statewide	N/A	N/A	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+03	1.06E-01	8.85E+03	1.57E-01	1.49E+04	2.63E-01
Michigan	Statewide	N/A	N/A	Ethylene Dibromide	8.64E-03	1.53E-07	1.88E-02	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02	4.85E-07
Michigan	Statewide	N/A	N/A	Ethylene Dichloride	6.56E+00	1.16E-04	3.42E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E+00	1.76E-04
Michigan	Statewide	N/A	N/A	Ethylene Oxide	3.16E+00	5.59E-05	1.91E+01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+01	3.94E-04
Michigan	Statewide	N/A	N/A	Formaldehyde - Primary	6.12E+02	1.08E-02	2.46E+03	4.34E-02	3.01E+03	5.32E-02	3.71E+03	6.57E-02	9.79E+03	1.73E-01
Michigan	Statewide	N/A	N/A	Hexachlorobenzene	0.00E+00	0.00E+00	1.93E-03	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	3.41E-08
Michigan	Statewide	N/A	N/A	Hydrazine	4.00E-05	7.07E-10	2.01E-03	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	3.63E-08
Michigan	Statewide	N/A	N/A	Lead Compounds	1.72E+01	3.03E-04	1.01E+01	1.78E-04	6.91E-01	1.22E-05	1.61E+01	2.85E-04	4.40E+01	7.78E-04
Michigan	Statewide	N/A	N/A	Manganese Compounds	4.64E+01	8.21E-04	2.41E+01	4.26E-04	2.11E-01	3.73E-06	1.29E+00	2.28E-05	7.20E+01	1.27E-03
Michigan	Statewide	N/A	N/A	Mercury Compounds	3.22E+00	5.69E-05	2.15E+00	3.80E-05	6.91E-03	1.22E-07	2.44E-01	4.31E-06	5.62E+00	9.93E-05
Michigan	Statewide	N/A	N/A	Methylene Chloride	1.08E+03	1.91E-02	2.08E+03	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+03	5.60E-02
Michigan	Statewide	N/A	N/A	Nickel Compounds	1.19E+01	2.11E-04	1.78E+01	3.15E-04	3.88E-01	6.86E-06	3.25E+00	5.75E-05	3.33E+01	5.90E-04
Michigan	Statewide	N/A	N/A	Perchloroethylene	3.75E+01	6.64E-04	1.09E+03	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+03	1.99E-02
Michigan	Statewide	N/A	N/A	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Statewide	N/A	N/A	Polycyclic Organic Matter	1.18E+02	2.09E-03	1.05E+03	1.86E-02	3.40E+00	6.01E-05	5.69E+00	1.01E-04	1.18E+03	2.08E-02
Michigan	Statewide	N/A	N/A	7-PAH	2.71E-02	4.79E-07	2.87E+01	5.08E-04	1.51E+00	2.67E-05	2.82E+00	4.99E-05	3.31E+01	5.85E-04
Michigan	Statewide	N/A	N/A	Propylene Dichloride	9.35E-01	1.65E-05	1.69E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+00	4.64E-05
Michigan	Statewide	N/A	N/A	Quinoline	3.76E+00	6.64E-05	4.80E-03	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00	6.65E-05
Michigan	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	8.56E+00	1.51E-04	1.49E+01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+01	4.14E-04
Michigan	Statewide	N/A	N/A	Trichloroethylene	4.94E+02	8.73E-03	3.13E+02	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E+02	1.43E-02
Michigan	Statewide	N/A	N/A	Vinyl Chloride	2.11E+01	3.73E-04	4.10E+01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E+01	1.10E-03
Michigan	All Urban Counties	N/A	U	Acetaldehyde - Primary	2.57E+01	1.66E-03	8.22E+01	5.31E-03	7.88E+02	5.09E-02	1.24E+03	8.04E-02	2.14E+03	1.38E-01
Michigan	All Urban Counties	N/A	U	Acrolein - Primary	4.37E+00	2.82E-04	7.84E+01	5.07E-03	1.22E+02	7.86E-03	2.19E+02	1.41E-02	4.23E+02	2.73E-02
Michigan	All Urban Counties	N/A	U	Acrylonitrile	3.37E+01	2.18E-03	1.33E+01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+01	3.04E-03
Michigan	All Urban Counties	N/A	U	Arsenic Compounds	2.28E+01	1.47E-03	3.52E-01	2.28E-05	5.39E-03	3.49E-07	2.75E-02	1.78E-06	2.32E+01	1.50E-03
Michigan	All Urban Counties	N/A	U	Benzene	2.57E+02	1.66E-02	3.36E+02	2.17E-02	5.40E+03	3.49E-01	3.89E+03	2.51E-01	9.88E+03	6.39E-01
Michigan	All Urban Counties	N/A	U	Beryllium Compounds	3.30E-01	2.14E-05	7.83E-02	5.06E-06	0.00E+00	0.00E+00	2.73E-04	1.77E-08	4.09E-01	2.64E-05
Michigan	All Urban Counties	N/A	U	1,3-Butadiene	3.97E+01	2.56E-03	3.39E+01	2.19E-03	6.64E+02	4.29E-02	4.28E+02	2.77E-02	1.17E+03	7.54E-02
Michigan	All Urban Counties	N/A	U	Cadmium Compounds	1.04E+00	6.75E-05	7.19E-01	4.65E-05	0.00E+00	0.00E+00	3.83E-03	2.47E-07	1.77E+00	1.14E-04
Michigan	All Urban Counties	N/A	U	Carbon Tetrachloride	1.59E+00	1.03E-04	2.36E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E+00	2.55E-04
Michigan	All Urban Counties	N/A	U	Chloroform	1.61E-01	1.04E-05	1.70E+01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+01	1.11E-03
Michigan	All Urban Counties	N/A	U	Chromium Compounds	1.04E+01	6.73E-04	1.84E+01	1.19E-03	2.90E-01	1.88E-05	8.53E-01	5.51E-05	2.99E+01	1.94E-03
Michigan	All Urban Counties	N/A	U	Coke Oven Emissions	4.03E+01	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+01	2.61E-03
Michigan	All Urban Counties	N/A	U	1,3-Dichloropropene	0.00E+00	0.00E+00	6.20E+02	4.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E+02	4.01E-02
Michigan	All Urban Counties	N/A	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+03	2.70E-01	6.43E+03	4.16E-01	1.06E+04	6.86E-01

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State	County	FIPS	Urban or Rural	Pollutant	Major Emissions		Area and Other Emissions		Onroad Mobile Emissions		Nonroad Mobile Emissions		Total Emissions	
					Emissions (tons/yr)	Density (tons/yr/sq. mile)	Emissions (tons/yr)	Density (tons/yr/sq. mile)	Emissions (tons/yr)	Density (tons/yr/sq. mile)	Emissions (tons/yr)	Density (tons/yr/sq. mile)	Emissions (tons/yr)	Density (tons/yr/sq. mile)
Michigan	All Urban Counties	N/A	U	Ethylene Dibromide	8.45E-03	5.47E-07	1.05E-02	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02	1.23E-06
Michigan	All Urban Counties	N/A	U	Ethylene Dichloride	6.48E+00	4.19E-04	1.65E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E+00	5.25E-04
Michigan	All Urban Counties	N/A	U	Ethylene Oxide	3.16E+00	2.04E-04	1.69E+01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+01	1.30E-03
Michigan	All Urban Counties	N/A	U	Formaldehyde - Primary	4.72E+02	3.05E-02	8.33E+02	5.39E-02	2.31E+03	1.50E-01	2.56E+03	1.66E-01	6.18E+03	4.00E-01
Michigan	All Urban Counties	N/A	U	Hexachlorobenzene	0.00E+00	0.00E+00	8.54E-04	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	5.52E-08
Michigan	All Urban Counties	N/A	U	Hydrazine	4.00E-05	2.59E-09	1.89E-03	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	1.25E-07
Michigan	All Urban Counties	N/A	U	Lead Compounds	1.59E+01	1.03E-03	7.57E+00	4.90E-04	4.10E-01	2.65E-05	1.38E+01	8.93E-04	3.77E+01	2.43E-03
Michigan	All Urban Counties	N/A	U	Manganese Compounds	4.48E+01	2.90E-03	1.38E+01	8.92E-04	1.25E-01	8.10E-06	9.12E-01	5.90E-05	5.96E+01	3.85E-03
Michigan	All Urban Counties	N/A	U	Mercury Compounds	2.98E+00	1.93E-04	1.79E+00	1.16E-04	4.10E-03	2.65E-07	1.93E-01	1.25E-05	4.97E+00	3.21E-04
Michigan	All Urban Counties	N/A	U	Methylene Chloride	1.05E+03	6.81E-02	1.68E+03	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+03	1.77E-01
Michigan	All Urban Counties	N/A	U	Nickel Compounds	1.14E+01	7.40E-04	1.48E+01	9.57E-04	2.30E-01	1.49E-05	1.46E+00	9.43E-05	2.79E+01	1.81E-03
Michigan	All Urban Counties	N/A	U	Perchloroethylene	3.69E+01	2.38E-03	8.92E+02	5.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E+02	6.01E-02
Michigan	All Urban Counties	N/A	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.16E+02	7.48E-03	6.55E+02	4.23E-02	2.02E+00	1.30E-04	2.12E+00	1.37E-04	7.74E+02	5.01E-02
Michigan	All Urban Counties	N/A	U	7-PAH	2.66E-02	1.72E-06	1.24E+01	8.05E-04	8.95E-01	5.79E-05	9.98E-01	6.45E-05	1.44E+01	9.29E-04
Michigan	All Urban Counties	N/A	U	Propylene Dichloride	9.15E-01	5.92E-05	8.13E-01	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00	1.12E-04
Michigan	All Urban Counties	N/A	U	Quinoline	3.76E+00	2.43E-04	4.51E-03	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00	2.43E-04
Michigan	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	8.38E+00	5.42E-04	6.91E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+01	9.88E-04
Michigan	All Urban Counties	N/A	U	Trichloroethylene	4.60E+02	2.98E-02	2.46E+02	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E+02	4.56E-02
Michigan	All Urban Counties	N/A	U	Vinyl Chloride	2.06E+01	1.33E-03	2.13E+01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E+01	2.71E-03
Michigan	All Rural Counties	N/A	R	Acetaldehyde - Primary	4.88E+01	1.19E-03	2.52E+02	6.14E-03	2.35E+02	5.72E-03	6.25E+02	1.52E-02	1.16E+03	2.83E-02
Michigan	All Rural Counties	N/A	R	Acrolein - Primary	3.32E-01	8.08E-06	2.69E+02	6.54E-03	4.07E+01	9.91E-04	1.12E+02	2.72E-03	4.21E+02	1.03E-02
Michigan	All Rural Counties	N/A	R	Acrylonitrile	3.23E-01	7.87E-06	1.45E+01	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+01	3.62E-04
Michigan	All Rural Counties	N/A	R	Arsenic Compounds	5.53E-01	1.35E-05	1.53E-01	3.73E-06	3.70E-03	9.00E-08	4.28E-02	1.04E-06	7.52E-01	1.83E-05
Michigan	All Rural Counties	N/A	R	Benzene	1.76E+02	4.29E-03	8.60E+02	2.09E-02	1.50E+03	3.64E-02	6.16E+03	1.50E-01	8.70E+03	2.12E-01
Michigan	All Rural Counties	N/A	R	Beryllium Compounds	2.79E-02	6.78E-07	1.36E-01	3.31E-06	0.00E+00	0.00E+00	4.27E-04	1.04E-08	1.64E-01	4.00E-06
Michigan	All Rural Counties	N/A	R	1,3-Butadiene	8.45E-05	2.06E-09	2.46E+02	6.00E-03	1.86E+02	4.52E-03	5.32E+02	1.30E-02	9.64E+02	2.35E-02
Michigan	All Rural Counties	N/A	R	Cadmium Compounds	8.54E-02	2.08E-06	1.89E-01	4.59E-06	0.00E+00	0.00E+00	5.97E-03	1.45E-07	2.80E-01	6.82E-06
Michigan	All Rural Counties	N/A	R	Carbon Tetrachloride	5.92E-04	1.44E-08	5.50E-01	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-01	1.34E-05
Michigan	All Rural Counties	N/A	R	Chloroform	3.45E-03	8.40E-08	3.98E+00	9.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E+00	9.69E-05
Michigan	All Rural Counties	N/A	R	Chromium Compounds	3.82E-01	9.31E-06	3.50E+00	8.53E-05	1.99E-01	4.84E-06	4.01E-01	9.77E-06	4.49E+00	1.09E-04
Michigan	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Michigan	All Rural Counties	N/A	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.57E+02	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+02	3.83E-03
Michigan	All Rural Counties	N/A	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+03	4.45E-02	2.42E+03	5.89E-02	4.25E+03	1.03E-01
Michigan	All Rural Counties	N/A	R	Ethylene Dibromide	1.81E-04	4.40E-09	8.25E-03	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-03	2.05E-07
Michigan	All Rural Counties	N/A	R	Ethylene Dichloride	8.48E-02	2.07E-06	1.77E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00	4.52E-05
Michigan	All Rural Counties	N/A	R	Ethylene Oxide	0.00E+00	0.00E+00	2.25E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00	5.47E-05
Michigan	All Rural Counties	N/A	R	Formaldehyde - Primary	1.40E+02	3.40E-03	1.62E+03	3.95E-02	6.93E+02	1.69E-02	1.15E+03	2.80E-02	3.61E+03	8.78E-02
Michigan	All Rural Counties	N/A	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.07E-03	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	2.61E-08
Michigan	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	1.23E-04	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	2.98E-09
Michigan	All Rural Counties	N/A	R	Lead Compounds	1.29E+00	3.15E-05	2.50E+00	6.08E-05	2.81E-01	6.84E-06	2.27E+00	5.52E-05	6.34E+00	1.54E-04
Michigan	All Rural Counties	N/A	R	Manganese Compounds	1.63E+00	3.96E-05	1.03E+01	2.50E-04	8.59E-02	2.09E-06	3.78E-01	9.20E-06	1.24E+01	3.01E-04
Michigan	All Rural Counties	N/A	R	Mercury Compounds	2.36E-01	5.74E-06	3.58E-01	8.71E-06	2.81E-03	6.84E-08	5.06E-02	1.23E-06	6.46E-01	1.57E-05
Michigan	All Rural Counties	N/A	R	Methylene Chloride	2.89E+01	7.05E-04	4.01E+02	9.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E+02	1.05E-02
Michigan	All Rural Counties	N/A	R	Nickel Compounds	4.61E-01	1.12E-05	3.00E+00	7.31E-05	1.58E-01	3.84E-06	1.79E+00	4.36E-05	5.41E+00	1.32E-04
Michigan	All Rural Counties	N/A	R	Perchloroethylene	6.45E-01	1.57E-05	1.96E+02	4.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+02	4.80E-03
Michigan	All Rural Counties	N/A	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	All Rural Counties	N/A	R	Polycyclic Organic Matter	2.13E+00	5.19E-05	3.95E+02	9.63E-03	1.38E+00	3.36E-05	3.57E+00	8.69E-05	4.02E+02	9.80E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	All Rural Counties	N/A	R	7-PAH	4.51E-04	1.10E-08	1.63E+01	3.96E-04	6.13E-01	1.49E-05	1.82E+00	4.44E-05	1.87E+01	4.55E-04
Michigan	All Rural Counties	N/A	R	Propylene Dichloride	1.96E-02	4.77E-07	8.76E-01	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-01	2.18E-05
Michigan	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	2.93E-04	7.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	7.13E-09
Michigan	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.79E-01	4.37E-06	7.95E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E+00	1.98E-04
Michigan	All Rural Counties	N/A	R	Trichloroethylene	3.34E+01	8.12E-04	6.74E+01	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+02	2.45E-03
Michigan	All Rural Counties	N/A	R	Vinyl Chloride	4.42E-01	1.08E-05	1.97E+01	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+01	4.90E-04
Michigan	Alcona	26001	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	5.15E+00	7.69E-03	1.62E+00	2.41E-03	6.63E+00	9.89E-03	1.34E+01	2.00E-02
Michigan	Alcona	26001	R	Acrolein - Primary	0.00E+00	0.00E+00	5.40E+00	8.06E-03	2.62E-01	3.91E-04	1.16E+00	1.74E-03	6.83E+00	1.02E-02
Michigan	Alcona	26001	R	Acrylonitrile	0.00E+00	0.00E+00	1.59E-01	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-01	2.37E-04
Michigan	Alcona	26001	R	Arsenic Compounds	0.00E+00	0.00E+00	4.82E-04	7.19E-07	2.33E-05	3.48E-08	1.34E-07	2.00E-10	5.05E-04	7.54E-07
Michigan	Alcona	26001	R	Benzene	0.00E+00	0.00E+00	1.47E+01	2.19E-02	1.01E+01	1.51E-02	9.19E+01	1.37E-01	1.17E+02	1.74E-01
Michigan	Alcona	26001	R	Beryllium Compounds	0.00E+00	0.00E+00	6.72E-05	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	1.00E-07
Michigan	Alcona	26001	R	1,3-Butadiene	0.00E+00	0.00E+00	5.11E+00	7.63E-03	1.26E+00	1.88E-03	7.69E+00	1.15E-02	1.41E+01	2.10E-02
Michigan	Alcona	26001	R	Cadmium Compounds	0.00E+00	0.00E+00	1.94E-04	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	2.90E-07
Michigan	Alcona	26001	R	Carbon Tetrachloride	0.00E+00	0.00E+00	3.61E-03	5.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	5.38E-06
Michigan	Alcona	26001	R	Chloroform	0.00E+00	0.00E+00	1.70E-02	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	2.54E-05
Michigan	Alcona	26001	R	Chromium Compounds	0.00E+00	0.00E+00	7.83E-04	1.17E-06	1.26E-03	1.87E-06	9.94E-04	1.48E-06	3.03E-03	4.53E-06
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
Michigan	Alcona	26001	R	1,3-Dichloropropene	0.00E+00	0.00E+00	8.60E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-01	1.28E-03
Michigan	Alcona	26001	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+01	1.95E-02	2.62E+01	3.90E-02	3.92E+01	5.85E-02
Michigan	Alcona	26001	R	Ethylene Dibromide	0.00E+00	0.00E+00	8.82E-05	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05	1.32E-07
Michigan	Alcona	26001	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.91E-02	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02	2.85E-05
Michigan	Alcona	26001	R	Ethylene Oxide	0.00E+00	0.00E+00	6.23E-04	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	9.29E-07
Michigan	Alcona	26001	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.26E+01	4.86E-02	4.77E+00	7.12E-03	1.20E+01	1.79E-02	4.93E+01	7.36E-02
Michigan	Alcona	26001	R	Hexachlorobenzene	0.00E+00	0.00E+00	6.56E-06	9.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-06	9.79E-09
Michigan	Alcona	26001	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
Michigan	Alcona	26001	R	Lead Compounds	0.00E+00	0.00E+00	3.68E-03	5.49E-06	1.77E-03	2.65E-06	0.00E+00	0.00E+00	5.45E-03	8.14E-06
Michigan	Alcona	26001	R	Manganese Compounds	0.00E+00	0.00E+00	7.68E-04	1.15E-06	5.42E-04	8.09E-07	1.12E-03	1.67E-06	2.43E-03	3.62E-06
Michigan	Alcona	26001	R	Mercury Compounds	0.00E+00	0.00E+00	6.73E-04	1.00E-06	1.77E-05	2.65E-08	2.69E-04	4.01E-07	9.59E-04	1.43E-06
Michigan	Alcona	26001	R	Methylene Chloride	0.00E+00	0.00E+00	2.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+00	2.99E-03
Michigan	Alcona	26001	R	Nickel Compounds	0.00E+00	0.00E+00	2.10E-03	3.13E-06	9.95E-04	1.49E-06	5.20E-04	7.77E-07	3.62E-03	5.40E-06
Michigan	Alcona	26001	R	Perchloroethylene	0.00E+00	0.00E+00	5.20E-01	7.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-01	7.77E-04
Michigan	Alcona	26001	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.88E+00	5.79E-03	8.72E-03	1.30E-05	4.80E-02	7.17E-05	3.93E+00	5.87E-03
Michigan	Alcona	26001	R	7-PAH	0.00E+00	0.00E+00	2.42E-01	3.61E-04	3.87E-03	5.78E-06	2.49E-02	3.72E-05	2.70E-01	4.03E-04
Michigan	Alcona	26001	R	Propylene Dichloride	0.00E+00	0.00E+00	9.58E-03	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-03	1.43E-05
Michigan	Alcona	26001	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
Michigan	Alcona	26001	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.75E-02	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02	1.31E-04
Michigan	Alcona	26001	R	Trichloroethylene	0.00E+00	0.00E+00	2.47E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01	3.69E-04
Michigan	Alcona	26001	R	Vinyl Chloride	0.00E+00	0.00E+00	2.15E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-01	3.21E-04
Michigan	Alger	26003	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	7.38E+00	7.98E-03	1.01E+00	1.09E-03	2.02E+01	2.19E-02	2.86E+01	3.09E-02
Michigan	Alger	26003	R	Acrolein - Primary	0.00E+00	0.00E+00	7.71E+00	8.34E-03	1.94E-01	2.10E-04	3.63E+00	3.92E-03	1.15E+01	1.25E-02
Michigan	Alger	26003	R	Acrylonitrile	0.00E+00	0.00E+00	7.82E-02	8.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02	8.46E-05
Michigan	Alger	26003	R	Arsenic Compounds	0.00E+00	0.00E+00	3.08E-03	3.33E-06	2.13E-05	2.30E-08	1.22E-07	1.32E-10	3.10E-03	3.35E-06
Michigan	Alger	26003	R	Benzene	0.00E+00	0.00E+00	2.10E+01	2.27E-02	6.33E+00	6.85E-03	3.30E+02	3.57E-01	3.58E+02	3.87E-01
Michigan	Alger	26003	R	Beryllium Compounds	0.00E+00	0.00E+00	8.41E-05	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05	9.10E-08
Michigan	Alger	26003	R	1,3-Butadiene	0.00E+00	0.00E+00	7.32E+00	7.91E-03	7.89E-01	8.53E-04	2.71E+01	2.93E-02	3.53E+01	3.81E-02
Michigan	Alger	26003	R	Cadmium Compounds	0.00E+00	0.00E+00	9.56E-04	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	1.03E-06

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Alger	26003	R	Carbon Tetrachloride	0.00E+00	0.00E+00	3.17E-03	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	3.43E-06
Michigan	Alger	26003	R	Chloroform	0.00E+00	0.00E+00	1.57E-02	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02	1.70E-05
Michigan	Alger	26003	R	Chromium Compounds	0.00E+00	0.00E+00	5.51E-03	5.96E-06	1.15E-03	1.24E-06	9.08E-04	9.81E-07	7.57E-03	8.18E-06
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
Michigan	Alger	26003	R	1,3-Dichloropropene	0.00E+00	0.00E+00	7.90E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-01	8.54E-04
Michigan	Alger	26003	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E+00	8.72E-03	4.68E+01	5.06E-02	5.49E+01	5.93E-02
Michigan	Alger	26003	R	Ethylene Dibromide	0.00E+00	0.00E+00	4.32E-05	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	4.67E-08
Michigan	Alger	26003	R	Ethylene Dichloride	0.00E+00	0.00E+00	9.55E-03	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-03	1.03E-05
Michigan	Alger	26003	R	Ethylene Oxide	0.00E+00	0.00E+00	4.49E-03	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	4.86E-06
Michigan	Alger	26003	R	Formaldehyde - Primary	0.00E+00	0.00E+00	4.68E+01	5.06E-02	2.98E+00	3.22E-03	3.54E+01	3.82E-02	8.52E+01	9.21E-02
Michigan	Alger	26003	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.20E-06	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-06	2.38E-09
Michigan	Alger	26003	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
Michigan	Alger	26003	R	Lead Compounds	0.00E+00	0.00E+00	1.86E-02	2.01E-05	1.62E-03	1.75E-06	0.00E+00	0.00E+00	2.02E-02	2.19E-05
Michigan	Alger	26003	R	Manganese Compounds	0.00E+00	0.00E+00	3.78E-01	4.09E-04	4.95E-04	5.35E-07	1.02E-03	1.10E-06	3.80E-01	4.10E-04
Michigan	Alger	26003	R	Mercury Compounds	0.00E+00	0.00E+00	2.05E-03	2.22E-06	1.62E-05	1.75E-08	2.45E-04	2.65E-07	2.32E-03	2.50E-06
Michigan	Alger	26003	R	Methylene Chloride	0.00E+00	0.00E+00	1.73E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00	1.87E-03
Michigan	Alger	26003	R	Nickel Compounds	0.00E+00	0.00E+00	5.97E-03	6.45E-06	9.09E-04	9.83E-07	4.75E-04	5.14E-07	7.35E-03	7.95E-06
Michigan	Alger	26003	R	Perchloroethylene	0.00E+00	0.00E+00	1.09E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00	1.18E-03
Michigan	Alger	26003	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.11E+00	4.45E-03	7.96E-03	8.61E-06	1.75E-01	1.89E-04	4.29E+00	4.64E-03
Michigan	Alger	26003	R	7-PAH	0.00E+00	0.00E+00	3.51E-01	3.80E-04	3.54E-03	3.82E-06	9.05E-02	9.78E-05	4.45E-01	4.82E-04
Michigan	Alger	26003	R	Propylene Dichloride	0.00E+00	0.00E+00	4.71E-03	5.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	5.09E-06
Michigan	Alger	26003	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
Michigan	Alger	26003	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	4.29E-02	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-02	4.63E-05
Michigan	Alger	26003	R	Trichloroethylene	0.00E+00	0.00E+00	2.78E-01	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-01	3.01E-04
Michigan	Alger	26003	R	Vinyl Chloride	0.00E+00	0.00E+00	1.06E-01	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01	1.14E-04
Michigan	Allegan	26005	U	Acetaldehyde - Primary	4.40E+00	5.28E-03	2.39E+00	2.87E-03	1.17E+01	1.40E-02	1.76E+01	2.11E-02	3.61E+01	4.33E-02
Michigan	Allegan	26005	U	Acrolein - Primary	1.51E-05	1.81E-08	2.82E+00	3.39E-03	1.29E+00	1.55E-03	2.88E+00	3.46E-03	6.99E+00	8.40E-03
Michigan	Allegan	26005	U	Acrylonitrile	0.00E+00	0.00E+00	4.90E-01	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-01	5.88E-04
Michigan	Allegan	26005	U	Arsenic Compounds	2.12E-05	2.55E-08	3.36E-03	4.04E-06	1.73E-05	2.08E-08	1.22E-06	1.47E-09	3.40E-03	4.09E-06
Michigan	Allegan	26005	U	Benzene	3.47E+01	4.17E-02	1.16E+01	1.39E-02	7.42E+01	8.91E-02	9.56E+01	1.15E-01	2.16E+02	2.60E-01
Michigan	Allegan	26005	U	Beryllium Compounds	1.09E-06	1.31E-09	8.28E-04	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	9.96E-07
Michigan	Allegan	26005	U	1,3-Butadiene	0.00E+00	0.00E+00	2.17E+00	2.61E-03	9.21E+00	1.11E-02	8.67E+00	1.04E-02	2.01E+01	2.41E-02
Michigan	Allegan	26005	U	Cadmium Compounds	2.64E-06	3.18E-09	2.08E-03	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	2.51E-06
Michigan	Allegan	26005	U	Carbon Tetrachloride	0.00E+00	0.00E+00	2.24E-02	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02	2.69E-05
Michigan	Allegan	26005	U	Chloroform	0.00E+00	0.00E+00	2.05E-01	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-01	2.46E-04
Michigan	Allegan	26005	U	Chromium Compounds	1.35E-05	1.62E-08	4.72E-01	5.67E-04	9.33E-04	1.12E-06	9.07E-03	1.09E-05	4.82E-01	5.79E-04
Michigan	Allegan	26005	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
Michigan	Allegan	26005	U	1,3-Dichloropropene	0.00E+00	0.00E+00	7.91E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E+00	9.50E-03
Michigan	Allegan	26005	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E+01	1.10E-01	1.17E+02	1.40E-01	2.08E+02	2.50E-01
Michigan	Allegan	26005	U	Ethylene Dibromide	0.00E+00	0.00E+00	2.73E-04	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	3.27E-07
Michigan	Allegan	26005	U	Ethylene Dichloride	2.07E-06	2.49E-09	5.94E-02	7.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02	7.13E-05
Michigan	Allegan	26005	U	Ethylene Oxide	0.00E+00	0.00E+00	2.93E-02	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	3.52E-05
Michigan	Allegan	26005	U	Formaldehyde - Primary	2.00E+01	2.40E-02	1.64E+01	1.97E-02	3.45E+01	4.14E-02	3.47E+01	4.16E-02	1.05E+02	1.27E-01
Michigan	Allegan	26005	U	Hexachlorobenzene	0.00E+00	0.00E+00	4.72E-05	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	5.67E-08
Michigan	Allegan	26005	U	Hydrazine	0.00E+00	0.00E+00	2.28E-06	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-06	2.74E-09
Michigan	Allegan	26005	U	Lead Compounds	2.18E-05	2.62E-08	1.58E-01	1.90E-04	1.32E-03	1.58E-06	0.00E+00	0.00E+00	1.60E-01	1.92E-04
Michigan	Allegan	26005	U	Manganese Compounds	2.55E-05	3.06E-08	2.20E-01	2.64E-04	4.03E-04	4.84E-07	1.02E-02	1.23E-05	2.31E-01	2.77E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Allegan	26005	U	Mercury Compounds	4.31E-06	5.18E-09	9.91E-03	1.19E-05	1.32E-05	1.58E-08	2.45E-03	2.95E-06	1.24E-02	1.49E-05
Michigan	Allegan	26005	U	Methylene Chloride	1.51E-05	1.81E-08	1.57E+01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+01	1.89E-02
Michigan	Allegan	26005	U	Nickel Compounds	1.45E-05	1.75E-08	8.02E-02	9.64E-05	7.40E-04	8.89E-07	4.75E-03	5.71E-06	8.57E-02	1.03E-04
Michigan	Allegan	26005	U	Perchloroethylene	2.23E-06	2.68E-09	7.14E+00	8.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00	8.58E-03
Michigan	Allegan	26005	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Allegan	26005	U	Polycyclic Organic Matter	9.87E-07	1.19E-09	8.11E+00	9.75E-03	6.48E-03	7.78E-06	4.72E-02	5.67E-05	8.17E+00	9.81E-03
Michigan	Allegan	26005	U	7-PAH	2.02E-08	2.43E-11	2.02E-01	2.43E-04	2.88E-03	3.46E-06	2.43E-02	2.91E-05	2.29E-01	2.75E-04
Michigan	Allegan	26005	U	Propylene Dichloride	0.00E+00	0.00E+00	2.94E-02	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02	3.53E-05
Michigan	Allegan	26005	U	Quinoline	0.00E+00	0.00E+00	5.45E-06	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-06	6.55E-09
Michigan	Allegan	26005	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.66E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01	3.19E-04
Michigan	Allegan	26005	U	Trichloroethylene	0.00E+00	0.00E+00	1.90E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00	2.28E-03
Michigan	Allegan	26005	U	Vinyl Chloride	0.00E+00	0.00E+00	6.55E-01	7.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-01	7.87E-04
Michigan	Alpena	26007	R	Acetaldehyde - Primary	7.59E-04	1.34E-06	3.39E+00	5.98E-03	3.16E+00	5.56E-03	9.74E+00	1.72E-02	1.63E+01	2.87E-02
Michigan	Alpena	26007	R	Acrolein - Primary	3.86E-04	6.79E-07	3.68E+00	6.48E-03	6.07E-01	1.07E-03	1.93E+00	3.39E-03	6.22E+00	1.09E-02
Michigan	Alpena	26007	R	Acrylonitrile	0.00E+00	0.00E+00	8.52E-02	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-02	1.50E-04
Michigan	Alpena	26007	R	Arsenic Compounds	5.73E-03	1.01E-05	3.60E-03	6.34E-06	6.60E-05	1.16E-07	1.94E-03	3.41E-06	1.13E-02	2.00E-05
Michigan	Alpena	26007	R	Benzene	5.73E-03	1.01E-05	1.22E+01	2.14E-02	1.99E+01	3.50E-02	9.39E+01	1.65E-01	1.26E+02	2.22E-01
Michigan	Alpena	26007	R	Beryllium Compounds	5.23E-04	9.20E-07	2.57E-04	4.52E-07	0.00E+00	0.00E+00	1.93E-05	3.40E-08	7.99E-04	1.41E-06
Michigan	Alpena	26007	R	1,3-Butadiene	0.00E+00	0.00E+00	3.36E+00	5.92E-03	2.47E+00	4.35E-03	8.14E+00	1.43E-02	1.40E+01	2.46E-02
Michigan	Alpena	26007	R	Cadmium Compounds	3.79E-03	6.67E-06	1.15E-03	2.02E-06	0.00E+00	0.00E+00	2.70E-04	4.76E-07	5.21E-03	9.17E-06
Michigan	Alpena	26007	R	Carbon Tetrachloride	0.00E+00	0.00E+00	9.54E-03	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-03	1.68E-05
Michigan	Alpena	26007	R	Chloroform	0.00E+00	0.00E+00	6.09E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02	1.07E-04
Michigan	Alpena	26007	R	Chromium Compounds	1.50E-02	2.64E-05	6.06E-03	1.07E-05	3.55E-03	6.25E-06	1.28E-02	2.25E-05	3.74E-02	6.59E-05
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
Michigan	Alpena	26007	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.45E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00	4.31E-03
Michigan	Alpena	26007	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+01	4.43E-02	3.13E+01	5.51E-02	5.65E+01	9.94E-02
Michigan	Alpena	26007	R	Ethylene Dibromide	0.00E+00	0.00E+00	4.59E-05	8.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	8.09E-08
Michigan	Alpena	26007	R	Ethylene Dichloride	5.32E-05	9.37E-08	1.11E-02	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	1.97E-05
Michigan	Alpena	26007	R	Ethylene Oxide	0.00E+00	0.00E+00	5.28E-02	9.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02	9.29E-05
Michigan	Alpena	26007	R	Formaldehyde - Primary	1.41E+01	2.48E-02	2.17E+01	3.83E-02	9.32E+00	1.64E-02	1.91E+01	3.36E-02	6.42E+01	1.13E-01
Michigan	Alpena	26007	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.26E-05	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	2.21E-08
Michigan	Alpena	26007	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
Michigan	Alpena	26007	R	Lead Compounds	4.20E-02	7.39E-05	2.40E-02	4.22E-05	5.01E-03	8.83E-06	1.52E-01	2.68E-04	2.23E-01	3.93E-04
Michigan	Alpena	26007	R	Manganese Compounds	7.03E-01	1.24E-03	2.90E-01	5.11E-04	1.53E-03	2.70E-06	1.11E-02	1.95E-05	1.01E+00	1.77E-03
Michigan	Alpena	26007	R	Mercury Compounds	6.14E-02	1.08E-04	2.28E-03	4.02E-06	5.01E-05	8.83E-08	8.39E-04	1.48E-06	6.45E-02	1.14E-04
Michigan	Alpena	26007	R	Methylene Chloride	2.54E-02	4.47E-05	4.81E+00	8.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E+00	8.51E-03
Michigan	Alpena	26007	R	Nickel Compounds	4.94E-03	8.70E-06	1.51E-02	2.66E-05	2.82E-03	4.96E-06	7.83E-02	1.38E-04	1.01E-01	1.78E-04
Michigan	Alpena	26007	R	Perchloroethylene	5.72E-05	1.01E-07	2.34E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00	4.12E-03
Michigan	Alpena	26007	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	3.02E-05	5.32E-08	9.27E+00	1.63E-02	2.47E-02	4.34E-05	5.11E-02	8.99E-05	9.34E+00	1.64E-02
Michigan	Alpena	26007	R	7-PAH	5.63E-07	9.91E-10	3.04E-01	5.36E-04	1.10E-02	1.93E-05	2.52E-02	4.43E-05	3.41E-01	6.00E-04
Michigan	Alpena	26007	R	Propylene Dichloride	0.00E+00	0.00E+00	5.06E-03	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	8.91E-06
Michigan	Alpena	26007	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
Michigan	Alpena	26007	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	4.56E-02	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-02	8.02E-05
Michigan	Alpena	26007	R	Trichloroethylene	0.00E+00	0.00E+00	7.10E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-01	1.25E-03
Michigan	Alpena	26007	R	Vinyl Chloride	0.00E+00	0.00E+00	1.12E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	1.98E-04
Michigan	Antrim	26009	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.48E+00	5.00E-03	2.89E+00	5.83E-03	3.41E+00	6.87E-03	8.78E+00	1.77E-02
Michigan	Antrim	26009	R	Acrolein - Primary	0.00E+00	0.00E+00	2.66E+00	5.37E-03	4.80E-01	9.68E-04	5.52E-01	1.11E-03	3.69E+00	7.45E-03

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Antrim	26009	R	Acrylonitrile	0.00E+00	0.00E+00	2.06E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-01	4.14E-04
Michigan	Antrim	26009	R	Arsenic Compounds	0.00E+00	0.00E+00	1.01E-03	2.04E-06	4.43E-05	8.93E-08	2.54E-07	5.12E-10	1.05E-03	2.13E-06
Michigan	Antrim	26009	R	Benzene	0.00E+00	0.00E+00	7.45E+00	1.50E-02	1.81E+01	3.65E-02	1.51E+01	3.04E-02	4.07E+01	8.20E-02
Michigan	Antrim	26009	R	Beryllium Compounds	0.00E+00	0.00E+00	1.54E-04	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	3.10E-07
Michigan	Antrim	26009	R	1,3-Butadiene	0.00E+00	0.00E+00	2.44E+00	4.92E-03	2.26E+00	4.55E-03	1.53E+00	3.09E-03	6.23E+00	1.26E-02
Michigan	Antrim	26009	R	Cadmium Compounds	0.00E+00	0.00E+00	3.35E-04	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	6.76E-07
Michigan	Antrim	26009	R	Carbon Tetrachloride	0.00E+00	0.00E+00	6.67E-03	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-03	1.35E-05
Michigan	Antrim	26009	R	Chloroform	0.00E+00	0.00E+00	4.22E-02	8.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02	8.50E-05
Michigan	Antrim	26009	R	Chromium Compounds	0.00E+00	0.00E+00	1.51E-03	3.04E-06	2.39E-03	4.81E-06	1.89E-03	3.81E-06	5.78E-03	1.17E-05
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
Michigan	Antrim	26009	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.64E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00	3.31E-03
Michigan	Antrim	26009	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+01	4.71E-02	2.70E+01	5.44E-02	5.04E+01	1.02E-01
Michigan	Antrim	26009	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.14E-04	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	2.29E-07
Michigan	Antrim	26009	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.46E-02	4.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	4.97E-05
Michigan	Antrim	26009	R	Ethylene Oxide	0.00E+00	0.00E+00	1.18E-03	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	2.38E-06
Michigan	Antrim	26009	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.58E+01	3.18E-02	8.55E+00	1.72E-02	6.89E+00	1.39E-02	3.12E+01	6.29E-02
Michigan	Antrim	26009	R	Hexachlorobenzene	0.00E+00	0.00E+00	7.92E-06	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-06	1.60E-08
Michigan	Antrim	26009	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
Michigan	Antrim	26009	R	Lead Compounds	0.00E+00	0.00E+00	4.93E-03	9.94E-06	3.37E-03	6.79E-06	0.00E+00	0.00E+00	8.30E-03	1.67E-05
Michigan	Antrim	26009	R	Manganese Compounds	0.00E+00	0.00E+00	1.65E-03	3.32E-06	1.03E-03	2.08E-06	2.13E-03	4.28E-06	4.80E-03	9.68E-06
Michigan	Antrim	26009	R	Mercury Compounds	0.00E+00	0.00E+00	4.80E-04	9.68E-07	3.37E-05	6.79E-08	5.11E-04	1.03E-06	1.02E-03	2.06E-06
Michigan	Antrim	26009	R	Methylene Chloride	0.00E+00	0.00E+00	3.65E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+00	7.35E-03
Michigan	Antrim	26009	R	Nickel Compounds	0.00E+00	0.00E+00	8.90E-03	1.79E-05	1.89E-03	3.81E-06	9.89E-04	1.99E-06	1.18E-02	2.37E-05
Michigan	Antrim	26009	R	Perchloroethylene	0.00E+00	0.00E+00	1.60E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00	3.24E-03
Michigan	Antrim	26009	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	5.65E+00	1.14E-02	1.66E-02	3.34E-05	6.95E-03	1.40E-05	5.67E+00	1.14E-02
Michigan	Antrim	26009	R	7-PAH	0.00E+00	0.00E+00	1.92E-01	3.87E-04	7.35E-03	1.48E-05	3.56E-03	7.17E-06	2.03E-01	4.09E-04
Michigan	Antrim	26009	R	Propylene Dichloride	0.00E+00	0.00E+00	1.24E-02	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	2.50E-05
Michigan	Antrim	26009	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
Michigan	Antrim	26009	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.13E-01	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	2.28E-04
Michigan	Antrim	26009	R	Trichloroethylene	0.00E+00	0.00E+00	5.75E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+00	1.16E-02
Michigan	Antrim	26009	R	Vinyl Chloride	0.00E+00	0.00E+00	2.78E-01	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-01	5.60E-04
Michigan	Arenac	26011	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.51E+00	4.35E-03	2.38E+00	6.83E-03	1.12E+01	3.21E-02	1.50E+01	4.32E-02
Michigan	Arenac	26011	R	Acrolein - Primary	0.00E+00	0.00E+00	1.65E+00	4.74E-03	3.88E-01	1.12E-03	1.98E+00	5.68E-03	4.02E+00	1.15E-02
Michigan	Arenac	26011	R	Acrylonitrile	0.00E+00	0.00E+00	2.33E-01	6.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01	6.71E-04
Michigan	Arenac	26011	R	Arsenic Compounds	0.00E+00	0.00E+00	8.43E-04	2.42E-06	3.50E-05	1.01E-07	2.01E-07	5.77E-10	8.79E-04	2.52E-06
Michigan	Arenac	26011	R	Benzene	0.00E+00	0.00E+00	6.20E+00	1.78E-02	1.49E+01	4.27E-02	1.45E+02	4.17E-01	1.66E+02	4.77E-01
Michigan	Arenac	26011	R	Beryllium Compounds	0.00E+00	0.00E+00	1.26E-04	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	3.62E-07
Michigan	Arenac	26011	R	1,3-Butadiene	0.00E+00	0.00E+00	1.49E+00	4.28E-03	1.85E+00	5.32E-03	1.23E+01	3.52E-02	1.56E+01	4.49E-02
Michigan	Arenac	26011	R	Cadmium Compounds	0.00E+00	0.00E+00	8.13E-04	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04	2.33E-06
Michigan	Arenac	26011	R	Carbon Tetrachloride	0.00E+00	0.00E+00	5.45E-03	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	1.57E-05
Michigan	Arenac	26011	R	Chloroform	0.00E+00	0.00E+00	3.06E-02	8.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02	8.78E-05
Michigan	Arenac	26011	R	Chromium Compounds	0.00E+00	0.00E+00	1.14E-01	3.28E-04	1.89E-03	5.42E-06	1.49E-03	4.29E-06	1.18E-01	3.38E-04
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
Michigan	Arenac	26011	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.30E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00	3.73E-03
Michigan	Arenac	26011	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+01	5.51E-02	2.12E+01	6.10E-02	4.04E+01	1.16E-01
Michigan	Arenac	26011	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.31E-04	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	3.77E-07
Michigan	Arenac	26011	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.83E-02	8.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-02	8.12E-05

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Arenac	26011	R	Ethylene Oxide	0.00E+00	0.00E+00	5.20E-02	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02	1.49E-04
Michigan	Arenac	26011	R	Formaldehyde - Primary	0.00E+00	0.00E+00	9.59E+00	2.76E-02	7.02E+00	2.02E-02	1.88E+01	5.41E-02	3.54E+01	1.02E-01
Michigan	Arenac	26011	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.60E-05	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	4.59E-08
Michigan	Arenac	26011	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	2.19E-09
Michigan	Arenac	26011	R	Lead Compounds	0.00E+00	0.00E+00	1.18E-02	3.39E-05	2.66E-03	7.65E-06	0.00E+00	0.00E+00	1.45E-02	4.15E-05
Michigan	Arenac	26011	R	Manganese Compounds	0.00E+00	0.00E+00	1.38E-03	3.96E-06	8.14E-04	2.34E-06	1.68E-03	4.83E-06	3.87E-03	1.11E-05
Michigan	Arenac	26011	R	Mercury Compounds	0.00E+00	0.00E+00	6.11E-03	1.76E-05	2.66E-05	7.65E-08	4.04E-04	1.16E-06	6.54E-03	1.88E-05
Michigan	Arenac	26011	R	Methylene Chloride	0.00E+00	0.00E+00	3.22E+00	9.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E+00	9.25E-03
Michigan	Arenac	26011	R	Nickel Compounds	0.00E+00	0.00E+00	6.07E-03	1.74E-05	1.49E-03	4.29E-06	7.82E-04	2.25E-06	8.35E-03	2.40E-05
Michigan	Arenac	26011	R	Perchloroethylene	0.00E+00	0.00E+00	1.60E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00	4.59E-03
Michigan	Arenac	26011	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.54E+00	1.31E-02	1.31E-02	3.76E-05	8.94E-02	2.57E-04	4.65E+00	1.33E-02
Michigan	Arenac	26011	R	7-PAH	0.00E+00	0.00E+00	1.38E-01	3.96E-04	5.81E-03	1.67E-05	4.63E-02	1.33E-04	1.90E-01	5.46E-04
Michigan	Arenac	26011	R	Propylene Dichloride	0.00E+00	0.00E+00	1.41E-02	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	4.05E-05
Michigan	Arenac	26011	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	5.22E-09
Michigan	Arenac	26011	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.29E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	3.69E-04
Michigan	Arenac	26011	R	Trichloroethylene	0.00E+00	0.00E+00	5.81E-01	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-01	1.67E-03
Michigan	Arenac	26011	R	Vinyl Chloride	0.00E+00	0.00E+00	3.17E-01	9.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-01	9.10E-04
Michigan	Baraga	26013	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	8.25E+00	9.11E-03	1.27E+00	1.40E-03	1.87E+00	2.07E-03	1.14E+01	1.26E-02
Michigan	Baraga	26013	R	Acrolein - Primary	0.00E+00	0.00E+00	8.60E+00	9.50E-03	2.05E-01	2.26E-04	3.13E-01	3.46E-04	9.12E+00	1.01E-02
Michigan	Baraga	26013	R	Acrylonitrile	0.00E+00	0.00E+00	1.29E-01	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	1.43E-04
Michigan	Baraga	26013	R	Arsenic Compounds	0.00E+00	0.00E+00	3.90E-04	4.31E-07	1.82E-05	2.01E-08	1.04E-07	1.15E-10	4.09E-04	4.51E-07
Michigan	Baraga	26013	R	Benzene	0.00E+00	0.00E+00	2.31E+01	2.55E-02	7.92E+00	8.75E-03	1.46E+01	1.61E-02	4.56E+01	5.04E-02
Michigan	Baraga	26013	R	Beryllium Compounds	0.00E+00	0.00E+00	6.14E-05	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05	6.78E-08
Michigan	Baraga	26013	R	1,3-Butadiene	0.00E+00	0.00E+00	8.17E+00	9.02E-03	9.89E-01	1.09E-03	1.26E+00	1.39E-03	1.04E+01	1.15E-02
Michigan	Baraga	26013	R	Cadmium Compounds	0.00E+00	0.00E+00	2.87E-04	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	3.17E-07
Michigan	Baraga	26013	R	Carbon Tetrachloride	0.00E+00	0.00E+00	2.82E-03	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	3.12E-06
Michigan	Baraga	26013	R	Chloroform	0.00E+00	0.00E+00	1.55E-02	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-02	1.72E-05
Michigan	Baraga	26013	R	Chromium Compounds	0.00E+00	0.00E+00	5.79E-04	6.39E-07	9.80E-04	1.08E-06	7.76E-04	8.57E-07	2.33E-03	2.58E-06
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
Michigan	Baraga	26013	R	1,3-Dichloropropene	0.00E+00	0.00E+00	6.70E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-01	7.40E-04
Michigan	Baraga	26013	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+01	1.13E-02	1.51E+01	1.67E-02	2.53E+01	2.80E-02
Michigan	Baraga	26013	R	Ethylene Dibromide	0.00E+00	0.00E+00	7.18E-05	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-05	7.92E-08
Michigan	Baraga	26013	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.55E-02	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-02	1.71E-05
Michigan	Baraga	26013	R	Ethylene Oxide	0.00E+00	0.00E+00	1.23E-02	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	1.35E-05
Michigan	Baraga	26013	R	Formaldehyde - Primary	0.00E+00	0.00E+00	5.20E+01	5.75E-02	3.74E+00	4.13E-03	3.59E+00	3.97E-03	5.94E+01	6.56E-02
Michigan	Baraga	26013	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.71E-06	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	1.89E-09
Michigan	Baraga	26013	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
Michigan	Baraga	26013	R	Lead Compounds	0.00E+00	0.00E+00	5.14E-03	5.68E-06	1.38E-03	1.53E-06	0.00E+00	0.00E+00	6.53E-03	7.21E-06
Michigan	Baraga	26013	R	Manganese Compounds	0.00E+00	0.00E+00	6.46E-04	7.14E-07	4.23E-04	4.67E-07	8.73E-04	9.64E-07	1.94E-03	2.15E-06
Michigan	Baraga	26013	R	Mercury Compounds	0.00E+00	0.00E+00	1.86E-03	2.06E-06	1.38E-05	1.53E-08	2.10E-04	2.32E-07	2.08E-03	2.30E-06
Michigan	Baraga	26013	R	Methylene Chloride	0.00E+00	0.00E+00	1.62E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00	1.79E-03
Michigan	Baraga	26013	R	Nickel Compounds	0.00E+00	0.00E+00	3.90E-03	4.31E-06	7.77E-04	8.58E-07	4.06E-04	4.48E-07	5.08E-03	5.61E-06
Michigan	Baraga	26013	R	Perchloroethylene	0.00E+00	0.00E+00	4.56E-01	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-01	5.03E-04
Michigan	Baraga	26013	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.68E+00	4.06E-03	6.80E-03	7.51E-06	7.49E-03	8.28E-06	3.69E+00	4.08E-03
Michigan	Baraga	26013	R	7-PAH	0.00E+00	0.00E+00	3.51E-01	3.88E-04	3.02E-03	3.34E-06	3.87E-03	4.27E-06	3.58E-01	3.95E-04
Michigan	Baraga	26013	R	Propylene Dichloride	0.00E+00	0.00E+00	7.79E-03	8.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03	8.60E-06

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Baraga	26013	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
Michigan	Baraga	26013	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	7.12E-02	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	7.86E-05
Michigan	Baraga	26013	R	Trichloroethylene	0.00E+00	0.00E+00	2.44E-01	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-01	2.70E-04
Michigan	Baraga	26013	R	Vinyl Chloride	0.00E+00	0.00E+00	1.75E-01	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	1.93E-04
Michigan	Barry	26015	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.79E+00	3.18E-03	6.98E+00	1.23E-02	1.27E+01	2.24E-02	2.14E+01	3.79E-02
Michigan	Barry	26015	R	Acrolein - Primary	0.00E+00	0.00E+00	2.14E+00	3.78E-03	1.19E+00	2.11E-03	2.13E+00	3.78E-03	5.47E+00	9.67E-03
Michigan	Barry	26015	R	Acrylonitrile	0.00E+00	0.00E+00	4.27E-01	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01	7.56E-04
Michigan	Barry	26015	R	Arsenic Compounds	0.00E+00	0.00E+00	1.30E-03	2.30E-06	1.14E-04	2.02E-07	6.56E-07	1.16E-09	1.42E-03	2.51E-06
Michigan	Barry	26015	R	Benzene	0.00E+00	0.00E+00	6.75E+00	1.19E-02	4.37E+01	7.74E-02	9.65E+01	1.71E-01	1.47E+02	2.60E-01
Michigan	Barry	26015	R	Beryllium Compounds	0.00E+00	0.00E+00	3.70E-04	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	6.55E-07
Michigan	Barry	26015	R	1,3-Butadiene	0.00E+00	0.00E+00	1.76E+00	3.11E-03	5.45E+00	9.64E-03	8.53E+00	1.51E-02	1.57E+01	2.78E-02
Michigan	Barry	26015	R	Cadmium Compounds	0.00E+00	0.00E+00	9.21E-04	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	1.63E-06
Michigan	Barry	26015	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.18E-02	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	2.08E-05
Michigan	Barry	26015	R	Chloroform	0.00E+00	0.00E+00	1.05E-01	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	1.85E-04
Michigan	Barry	26015	R	Chromium Compounds	0.00E+00	0.00E+00	1.45E-03	2.56E-06	6.16E-03	1.09E-05	4.88E-03	8.63E-06	1.25E-02	2.21E-05
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
Michigan	Barry	26015	R	1,3-Dichloropropene	0.00E+00	0.00E+00	4.25E+00	7.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E+00	7.52E-03
Michigan	Barry	26015	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E+01	9.94E-02	5.36E+01	9.49E-02	1.10E+02	1.94E-01
Michigan	Barry	26015	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.44E-04	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	4.32E-07
Michigan	Barry	26015	R	Ethylene Dichloride	0.00E+00	0.00E+00	5.14E-02	9.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-02	9.10E-05
Michigan	Barry	26015	R	Ethylene Oxide	0.00E+00	0.00E+00	2.67E-02	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-02	4.73E-05
Michigan	Barry	26015	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.14E+01	2.02E-02	2.06E+01	3.65E-02	2.33E+01	4.12E-02	5.53E+01	9.79E-02
Michigan	Barry	26015	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.96E-05	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	5.24E-08
Michigan	Barry	26015	R	Hydrazine	0.00E+00	0.00E+00	4.57E-06	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	8.08E-09
Michigan	Barry	26015	R	Lead Compounds	0.00E+00	0.00E+00	1.87E-02	3.32E-05	8.70E-03	1.54E-05	0.00E+00	0.00E+00	2.74E-02	4.85E-05
Michigan	Barry	26015	R	Manganese Compounds	0.00E+00	0.00E+00	3.82E-03	6.76E-06	2.66E-03	4.71E-06	5.49E-03	9.71E-06	1.20E-02	2.12E-05
Michigan	Barry	26015	R	Mercury Compounds	0.00E+00	0.00E+00	5.20E-03	9.20E-06	8.70E-05	1.54E-07	1.32E-03	2.33E-06	6.60E-03	1.17E-05
Michigan	Barry	26015	R	Methylene Chloride	0.00E+00	0.00E+00	8.90E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E+00	1.57E-02
Michigan	Barry	26015	R	Nickel Compounds	0.00E+00	0.00E+00	1.45E-02	2.56E-05	4.88E-03	8.64E-06	2.55E-03	4.52E-06	2.19E-02	3.88E-05
Michigan	Barry	26015	R	Perchloroethylene	0.00E+00	0.00E+00	4.90E+00	8.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E+00	8.66E-03
Michigan	Barry	26015	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.39E+00	7.76E-03	4.28E-02	7.57E-05	5.90E-02	1.04E-04	4.49E+00	7.94E-03
Michigan	Barry	26015	R	7-PAH	0.00E+00	0.00E+00	1.24E-01	2.20E-04	1.90E-02	3.36E-05	3.05E-02	5.39E-05	1.74E-01	3.07E-04
Michigan	Barry	26015	R	Propylene Dichloride	0.00E+00	0.00E+00	2.58E-02	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02	4.56E-05
Michigan	Barry	26015	R	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.93E-08
Michigan	Barry	26015	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.34E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-01	4.14E-04
Michigan	Barry	26015	R	Trichloroethylene	0.00E+00	0.00E+00	1.06E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00	1.87E-03
Michigan	Barry	26015	R	Vinyl Chloride	0.00E+00	0.00E+00	5.76E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-01	1.02E-03
Michigan	Bay	26017	U	Acetaldehyde - Primary	6.86E-01	1.55E-03	4.46E-01	1.01E-03	1.24E+01	2.81E-02	1.56E+01	3.52E-02	2.91E+01	6.58E-02
Michigan	Bay	26017	U	Acrolein - Primary	3.49E-01	7.89E-04	9.40E-01	2.13E-03	1.89E+00	4.26E-03	2.48E+00	5.60E-03	5.65E+00	1.28E-02
Michigan	Bay	26017	U	Acrylonitrile	0.00E+00	0.00E+00	8.78E-01	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-01	1.98E-03
Michigan	Bay	26017	U	Arsenic Compounds	5.14E-01	1.16E-03	1.12E-02	2.54E-05	4.43E-05	1.00E-07	1.37E-06	3.09E-09	5.26E-01	1.19E-03
Michigan	Bay	26017	U	Benzene	1.57E+00	3.55E-03	7.26E+00	1.64E-02	8.62E+01	1.95E-01	3.49E+01	7.89E-02	1.30E+02	2.94E-01
Michigan	Bay	26017	U	Beryllium Compounds	2.59E-02	5.85E-05	9.19E-04	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-02	6.06E-05
Michigan	Bay	26017	U	1,3-Butadiene	0.00E+00	0.00E+00	3.17E-01	7.16E-04	1.04E+01	2.36E-02	3.94E+00	8.91E-03	1.47E+01	3.32E-02
Michigan	Bay	26017	U	Cadmium Compounds	6.78E-02	1.53E-04	3.63E-03	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02	1.61E-04
Michigan	Bay	26017	U	Carbon Tetrachloride	0.00E+00	0.00E+00	3.37E-02	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-02	7.62E-05
Michigan	Bay	26017	U	Chloroform	0.00E+00	0.00E+00	2.40E-01	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-01	5.42E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Bay	26017	U	Chromium Compounds	3.26E-01	7.38E-04	1.27E-01	2.88E-04	2.38E-03	5.39E-06	1.01E-02	2.29E-05	4.66E-01	1.05E-03
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
Michigan	Bay	26017	U	1,3-Dichloropropene	0.00E+00	0.00E+00	8.84E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E+00	2.00E-02
Michigan	Bay	26017	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E+01	1.77E-01	9.15E+01	2.07E-01	1.70E+02	3.84E-01
Michigan	Bay	26017	U	Ethylene Dibromide	0.00E+00	0.00E+00	5.04E-04	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	1.14E-06
Michigan	Bay	26017	U	Ethylene Dichloride	4.81E-02	1.09E-04	1.07E-01	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-01	3.50E-04
Michigan	Bay	26017	U	Ethylene Oxide	0.00E+00	0.00E+00	1.28E-01	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01	2.90E-04
Michigan	Bay	26017	U	Formaldehyde - Primary	9.46E-01	2.14E-03	3.76E+00	8.50E-03	3.63E+01	8.22E-02	3.18E+01	7.18E-02	7.28E+01	1.65E-01
Michigan	Bay	26017	U	Hexachlorobenzene	0.00E+00	0.00E+00	3.72E-05	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	8.42E-08
Michigan	Bay	26017	U	Hydrazine	0.00E+00	0.00E+00	9.89E-06	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-06	2.24E-08
Michigan	Bay	26017	U	Lead Compounds	5.30E-01	1.20E-03	3.91E-02	8.83E-05	3.36E-03	7.61E-06	0.00E+00	0.00E+00	5.73E-01	1.29E-03
Michigan	Bay	26017	U	Manganese Compounds	6.37E-01	1.44E-03	1.03E-02	2.34E-05	1.03E-03	2.33E-06	1.14E-02	2.58E-05	6.59E-01	1.49E-03
Michigan	Bay	26017	U	Mercury Compounds	1.82E-01	4.11E-04	2.18E-02	4.93E-05	3.36E-05	7.61E-08	2.74E-03	6.20E-06	2.07E-01	4.67E-04
Michigan	Bay	26017	U	Methylene Chloride	3.49E-01	7.89E-04	1.94E+01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+01	4.46E-02
Michigan	Bay	26017	U	Nickel Compounds	1.67E+00	3.78E-03	5.22E-02	1.18E-04	1.89E-03	4.27E-06	5.31E-03	1.20E-05	1.73E+00	3.91E-03
Michigan	Bay	26017	U	Perchloroethylene	5.17E-02	1.17E-04	1.05E+01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+01	2.40E-02
Michigan	Bay	26017	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	4.33E-02	9.79E-05	3.08E+01	6.97E-02	1.65E-02	3.74E-05	1.44E-02	3.26E-05	3.09E+01	6.99E-02
Michigan	Bay	26017	U	7-PAH	6.58E-04	1.49E-06	6.79E-01	1.54E-03	7.35E-03	1.66E-05	7.22E-03	1.63E-05	6.95E-01	1.57E-03
Michigan	Bay	26017	U	Propylene Dichloride	0.00E+00	0.00E+00	5.30E-02	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	1.20E-04
Michigan	Bay	26017	U	Quinoline	0.00E+00	0.00E+00	2.36E-05	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	5.34E-08
Michigan	Bay	26017	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	4.81E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-01	1.09E-03
Michigan	Bay	26017	U	Trichloroethylene	0.00E+00	0.00E+00	3.08E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00	6.95E-03
Michigan	Bay	26017	U	Vinyl Chloride	0.00E+00	0.00E+00	1.18E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00	2.68E-03
Michigan	Benzie	26019	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.96E+00	5.81E-03	1.94E+00	5.77E-03	1.44E+01	4.29E-02	1.83E+01	5.45E-02
Michigan	Benzie	26019	R	Acrolein - Primary	0.00E+00	0.00E+00	2.10E+00	6.25E-03	3.24E-01	9.62E-04	2.58E+00	7.67E-03	5.00E+00	1.49E-02
Michigan	Benzie	26019	R	Acrylonitrile	0.00E+00	0.00E+00	1.57E-01	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-01	4.66E-04
Michigan	Benzie	26019	R	Arsenic Compounds	0.00E+00	0.00E+00	6.44E-04	1.91E-06	3.00E-05	8.93E-08	1.72E-07	5.12E-10	6.74E-04	2.00E-06
Michigan	Benzie	26019	R	Benzene	0.00E+00	0.00E+00	5.88E+00	1.75E-02	1.22E+01	3.61E-02	2.02E+02	6.01E-01	2.20E+02	6.54E-01
Michigan	Benzie	26019	R	Beryllium Compounds	0.00E+00	0.00E+00	9.81E-05	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-05	2.92E-07
Michigan	Benzie	26019	R	1,3-Butadiene	0.00E+00	0.00E+00	1.94E+00	5.77E-03	1.52E+00	4.50E-03	1.70E+01	5.05E-02	2.05E+01	6.08E-02
Michigan	Benzie	26019	R	Cadmium Compounds	0.00E+00	0.00E+00	3.68E-04	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	1.09E-06
Michigan	Benzie	26019	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.56E-03	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-03	1.35E-05
Michigan	Benzie	26019	R	Chloroform	0.00E+00	0.00E+00	2.86E-02	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-02	8.49E-05
Michigan	Benzie	26019	R	Chromium Compounds	0.00E+00	0.00E+00	1.01E-03	2.99E-06	1.62E-03	4.81E-06	1.28E-03	3.81E-06	3.90E-03	1.16E-05
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
Michigan	Benzie	26019	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.11E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00	3.30E-03
Michigan	Benzie	26019	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+01	4.66E-02	2.61E+01	7.75E-02	4.18E+01	1.24E-01
Michigan	Benzie	26019	R	Ethylene Dibromide	0.00E+00	0.00E+00	8.70E-05	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-05	2.59E-07
Michigan	Benzie	26019	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.88E-02	5.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	5.60E-05
Michigan	Benzie	26019	R	Ethylene Oxide	0.00E+00	0.00E+00	1.26E-02	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-02	3.74E-05
Michigan	Benzie	26019	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.24E+01	3.69E-02	5.74E+00	1.70E-02	2.40E+01	7.13E-02	4.21E+01	1.25E-01
Michigan	Benzie	26019	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.91E-06	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	8.64E-09
Michigan	Benzie	26019	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
Michigan	Benzie	26019	R	Lead Compounds	0.00E+00	0.00E+00	5.79E-03	1.72E-05	2.28E-03	6.79E-06	0.00E+00	0.00E+00	8.08E-03	2.40E-05
Michigan	Benzie	26019	R	Manganese Compounds	0.00E+00	0.00E+00	1.04E-03	3.08E-06	6.98E-04	2.08E-06	1.44E-03	4.28E-06	3.18E-03	9.44E-06
Michigan	Benzie	26019	R	Mercury Compounds	0.00E+00	0.00E+00	1.98E-03	5.88E-06	2.28E-05	6.79E-08	3.46E-04	1.03E-06	2.35E-03	6.97E-06
Michigan	Benzie	26019	R	Methylene Chloride	0.00E+00	0.00E+00	2.52E+00	7.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+00	7.50E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Benzie	26019	R	Nickel Compounds	0.00E+00	0.00E+00	3.94E-03	1.17E-05	1.28E-03	3.81E-06	6.71E-04	1.99E-06	5.89E-03	1.75E-05
Michigan	Benzie	26019	R	Perchloroethylene	0.00E+00	0.00E+00	1.05E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00	3.11E-03
Michigan	Benzie	26019	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.82E+00	1.13E-02	1.12E-02	3.34E-05	1.24E-01	3.68E-04	3.95E+00	1.18E-02
Michigan	Benzie	26019	R	7-PAH	0.00E+00	0.00E+00	1.19E-01	3.54E-04	4.99E-03	1.48E-05	6.43E-02	1.91E-04	1.88E-01	5.60E-04
Michigan	Benzie	26019	R	Propylene Dichloride	0.00E+00	0.00E+00	9.46E-03	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-03	2.81E-05
Michigan	Benzie	26019	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
Michigan	Benzie	26019	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.63E-02	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-02	2.56E-04
Michigan	Benzie	26019	R	Trichloroethylene	0.00E+00	0.00E+00	3.66E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-01	1.09E-03
Michigan	Benzie	26019	R	Vinyl Chloride	0.00E+00	0.00E+00	2.12E-01	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	6.31E-04
Michigan	Berrien	26021	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.27E+00	2.14E-03	2.07E+01	3.50E-02	3.29E+01	5.56E-02	5.49E+01	9.27E-02
Michigan	Berrien	26021	R	Acrolein - Primary	0.00E+00	0.00E+00	1.99E+00	3.36E-03	2.86E+00	4.83E-03	5.53E+00	9.33E-03	1.04E+01	1.75E-02
Michigan	Berrien	26021	R	Acrylonitrile	0.00E+00	0.00E+00	5.96E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-01	1.01E-03
Michigan	Berrien	26021	R	Arsenic Compounds	0.00E+00	0.00E+00	5.70E-03	9.62E-06	6.21E-05	1.05E-07	1.99E-06	3.36E-09	5.76E-03	9.73E-06
Michigan	Berrien	26021	R	Benzene	0.00E+00	0.00E+00	9.47E+00	1.60E-02	1.41E+02	2.38E-01	2.13E+02	3.60E-01	3.64E+02	6.14E-01
Michigan	Berrien	26021	R	Beryllium Compounds	0.00E+00	0.00E+00	1.46E-03	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	2.46E-06
Michigan	Berrien	26021	R	1,3-Butadiene	0.00E+00	0.00E+00	1.05E+00	1.77E-03	1.72E+01	2.90E-02	1.94E+01	3.28E-02	3.76E+01	6.35E-02
Michigan	Berrien	26021	R	Cadmium Compounds	0.00E+00	0.00E+00	4.84E-03	8.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03	8.18E-06
Michigan	Berrien	26021	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.42E-02	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02	7.46E-05
Michigan	Berrien	26021	R	Chloroform	0.00E+00	0.00E+00	3.37E-01	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-01	5.69E-04
Michigan	Berrien	26021	R	Chromium Compounds	0.00E+00	0.00E+00	1.63E+00	2.75E-03	3.34E-03	5.64E-06	1.48E-02	2.49E-05	1.65E+00	2.78E-03
Michigan	Berrien	26021	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
Michigan	Berrien	26021	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.29E+01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+01	2.17E-02
Michigan	Berrien	26021	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+02	2.33E-01	1.45E+02	2.45E-01	2.83E+02	4.78E-01
Michigan	Berrien	26021	R	Ethylene Dibromide	0.00E+00	0.00E+00	3.55E-04	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	5.99E-07
Michigan	Berrien	26021	R	Ethylene Dichloride	0.00E+00	0.00E+00	7.34E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02	1.24E-04
Michigan	Berrien	26021	R	Ethylene Oxide	0.00E+00	0.00E+00	2.73E-01	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01	4.60E-04
Michigan	Berrien	26021	R	Formaldehyde - Primary	0.00E+00	0.00E+00	9.57E+00	1.62E-02	6.07E+01	1.03E-01	6.34E+01	1.07E-01	1.34E+02	2.26E-01
Michigan	Berrien	26021	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.48E-05	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	5.88E-08
Michigan	Berrien	26021	R	Hydrazine	0.00E+00	0.00E+00	1.48E-05	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	2.51E-08
Michigan	Berrien	26021	R	Lead Compounds	0.00E+00	0.00E+00	7.85E-02	1.33E-04	4.72E-03	7.97E-06	5.08E-02	8.59E-05	1.34E-01	2.26E-04
Michigan	Berrien	26021	R	Manganese Compounds	0.00E+00	0.00E+00	4.01E-02	6.77E-05	1.44E-03	2.44E-06	1.66E-02	2.81E-05	5.82E-02	9.82E-05
Michigan	Berrien	26021	R	Mercury Compounds	0.00E+00	0.00E+00	3.12E-02	5.27E-05	4.72E-05	7.97E-08	3.99E-03	6.74E-06	3.52E-02	5.95E-05
Michigan	Berrien	26021	R	Methylene Chloride	0.00E+00	0.00E+00	2.69E+01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+01	4.54E-02
Michigan	Berrien	26021	R	Nickel Compounds	0.00E+00	0.00E+00	1.08E+00	1.82E-03	2.65E-03	4.47E-06	7.73E-03	1.31E-05	1.09E+00	1.83E-03
Michigan	Berrien	26021	R	Perchloroethylene	0.00E+00	0.00E+00	2.20E+01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+01	3.71E-02
Michigan	Berrien	26021	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Berrien	26021	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.32E+01	2.23E-02	2.32E-02	3.92E-05	1.18E-01	2.00E-04	1.33E+01	2.25E-02
Michigan	Berrien	26021	R	7-PAH	0.00E+00	0.00E+00	2.46E-01	4.15E-04	1.03E-02	1.74E-05	6.07E-02	1.03E-04	3.17E-01	5.35E-04
Michigan	Berrien	26021	R	Propylene Dichloride	0.00E+00	0.00E+00	3.62E-02	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02	6.11E-05
Michigan	Berrien	26021	R	Quinoline	0.00E+00	0.00E+00	3.54E-05	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	5.99E-08
Michigan	Berrien	26021	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	3.24E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-01	5.48E-04
Michigan	Berrien	26021	R	Trichloroethylene	0.00E+00	0.00E+00	4.08E+00	6.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+00	6.90E-03
Michigan	Berrien	26021	R	Vinyl Chloride	0.00E+00	0.00E+00	7.99E-01	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-01	1.35E-03
Michigan	Branch	26023	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	8.49E-01	1.65E-03	5.15E+00	1.00E-02	5.62E+00	1.09E-02	1.16E+01	2.26E-02
Michigan	Branch	26023	R	Acrolein - Primary	0.00E+00	0.00E+00	9.54E-01	1.86E-03	9.19E-01	1.79E-03	8.86E-01	1.73E-03	2.76E+00	5.37E-03
Michigan	Branch	26023	R	Acrylonitrile	0.00E+00	0.00E+00	4.63E-01	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-01	9.02E-04
Michigan	Branch	26023	R	Arsenic Compounds	0.00E+00	0.00E+00	1.18E-03	2.31E-06	9.23E-05	1.80E-07	5.29E-07	1.03E-09	1.28E-03	2.49E-06

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Branch	26023	R	Benzene	0.00E+00	0.00E+00	6.06E+00	1.18E-02	3.23E+01	6.30E-02	6.76E+00	1.32E-02	4.52E+01	8.80E-02
Michigan	Branch	26023	R	Beryllium Compounds	0.00E+00	0.00E+00	3.32E-04	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	6.46E-07
Michigan	Branch	26023	R	1,3-Butadiene	0.00E+00	0.00E+00	6.92E-01	1.35E-03	4.03E+00	7.85E-03	8.62E-01	1.68E-03	5.58E+00	1.09E-02
Michigan	Branch	26023	R	Cadmium Compounds	0.00E+00	0.00E+00	8.71E-04	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04	1.70E-06
Michigan	Branch	26023	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.15E-02	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	2.24E-05
Michigan	Branch	26023	R	Chloroform	0.00E+00	0.00E+00	9.49E-02	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-02	1.85E-04
Michigan	Branch	26023	R	Chromium Compounds	0.00E+00	0.00E+00	1.14E-01	2.22E-04	4.97E-03	9.68E-06	3.93E-03	7.66E-06	1.23E-01	2.40E-04
Michigan	Branch	26023	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
Michigan	Branch	26023	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.43E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E+00	6.68E-03
Michigan	Branch	26023	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+01	8.06E-02	5.35E+01	1.04E-01	9.49E+01	1.85E-01
Michigan	Branch	26023	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.58E-04	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	5.03E-07
Michigan	Branch	26023	R	Ethylene Dichloride	0.00E+00	0.00E+00	5.67E-02	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-02	1.10E-04
Michigan	Branch	26023	R	Ethylene Oxide	0.00E+00	0.00E+00	2.60E-02	5.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-02	5.07E-05
Michigan	Branch	26023	R	Formaldehyde - Primary	0.00E+00	0.00E+00	6.24E+00	1.21E-02	1.52E+01	2.96E-02	1.15E+01	2.24E-02	3.30E+01	6.42E-02
Michigan	Branch	26023	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.11E-05	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	8.01E-08
Michigan	Branch	26023	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.48E-09
Michigan	Branch	26023	R	Lead Compounds	0.00E+00	0.00E+00	1.09E-02	2.12E-05	7.02E-03	1.37E-05	0.00E+00	0.00E+00	1.79E-02	3.48E-05
Michigan	Branch	26023	R	Manganese Compounds	0.00E+00	0.00E+00	1.20E-02	2.34E-05	2.15E-03	4.18E-06	4.43E-03	8.62E-06	1.86E-02	3.62E-05
Michigan	Branch	26023	R	Mercury Compounds	0.00E+00	0.00E+00	5.06E-03	9.85E-06	7.02E-05	1.37E-07	1.06E-03	2.07E-06	6.19E-03	1.21E-05
Michigan	Branch	26023	R	Methylene Chloride	0.00E+00	0.00E+00	2.09E+01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E+01	4.08E-02
Michigan	Branch	26023	R	Nickel Compounds	0.00E+00	0.00E+00	3.04E-01	5.93E-04	3.94E-03	7.67E-06	2.06E-03	4.01E-06	3.10E-01	6.04E-04
Michigan	Branch	26023	R	Perchloroethylene	0.00E+00	0.00E+00	3.30E+00	6.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+00	6.44E-03
Michigan	Branch	26023	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Branch	26023	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.57E+00	6.95E-03	3.45E-02	6.72E-05	2.28E-03	4.44E-06	3.61E+00	7.02E-03
Michigan	Branch	26023	R	7-PAH	0.00E+00	0.00E+00	7.46E-02	1.45E-04	1.53E-02	2.98E-05	1.08E-03	2.10E-06	9.10E-02	1.77E-04
Michigan	Branch	26023	R	Propylene Dichloride	0.00E+00	0.00E+00	2.79E-02	5.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02	5.44E-05
Michigan	Branch	26023	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	3.54E-09
Michigan	Branch	26023	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.55E-01	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01	4.96E-04
Michigan	Branch	26023	R	Trichloroethylene	0.00E+00	0.00E+00	1.10E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00	2.14E-03
Michigan	Branch	26023	R	Vinyl Chloride	0.00E+00	0.00E+00	6.27E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-01	1.22E-03
Michigan	Calhoun	26025	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.25E+00	4.53E-03	1.44E+01	2.00E-02	1.84E+01	2.56E-02	3.60E+01	5.02E-02
Michigan	Calhoun	26025	U	Acrolein - Primary	0.00E+00	0.00E+00	2.04E+00	2.85E-03	2.24E+00	3.13E-03	2.90E+00	4.04E-03	7.18E+00	1.00E-02
Michigan	Calhoun	26025	U	Acrylonitrile	1.97E-01	2.75E-04	4.61E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-01	9.19E-04
Michigan	Calhoun	26025	U	Arsenic Compounds	0.00E+00	0.00E+00	5.13E-03	7.15E-06	6.66E-05	9.29E-08	1.73E-06	2.41E-09	5.20E-03	7.25E-06
Michigan	Calhoun	26025	U	Benzene	5.09E-01	7.10E-04	8.53E+00	1.19E-02	1.00E+02	1.40E-01	2.19E+01	3.06E-02	1.31E+02	1.83E-01
Michigan	Calhoun	26025	U	Beryllium Compounds	0.00E+00	0.00E+00	1.31E-03	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	1.82E-06
Michigan	Calhoun	26025	U	1,3-Butadiene	0.00E+00	0.00E+00	1.21E+00	1.68E-03	1.21E+01	1.69E-02	2.92E+00	4.07E-03	1.62E+01	2.27E-02
Michigan	Calhoun	26025	U	Cadmium Compounds	0.00E+00	0.00E+00	7.37E-03	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-03	1.03E-05
Michigan	Calhoun	26025	U	Carbon Tetrachloride	3.61E-04	5.04E-07	4.32E-02	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-02	6.08E-05
Michigan	Calhoun	26025	U	Chloroform	2.10E-03	2.94E-06	2.95E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-01	4.15E-04
Michigan	Calhoun	26025	U	Chromium Compounds	2.50E-01	3.49E-04	1.00E-01	1.40E-04	3.58E-03	5.00E-06	1.28E-02	1.79E-05	3.67E-01	5.12E-04
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
Michigan	Calhoun	26025	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.12E+01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	1.56E-02
Michigan	Calhoun	26025	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E+01	1.25E-01	1.21E+02	1.69E-01	2.11E+02	2.94E-01
Michigan	Calhoun	26025	U	Ethylene Dibromide	1.10E-04	1.54E-07	2.66E-04	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	5.25E-07
Michigan	Calhoun	26025	U	Ethylene Dichloride	2.38E-02	3.32E-05	5.59E-02	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02	1.11E-04
Michigan	Calhoun	26025	U	Ethylene Oxide	0.00E+00	0.00E+00	2.67E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01	3.73E-04
Michigan	Calhoun	26025	U	Formaldehyde - Primary	0.00E+00	0.00E+00	3.28E+01	4.58E-02	4.20E+01	5.86E-02	3.77E+01	5.26E-02	1.13E+02	1.57E-01

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Calhoun	26025	U	Hexachlorobenzene	0.00E+00	0.00E+00	4.47E-05	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05	6.23E-08
Michigan	Calhoun	26025	U	Hydrazine	0.00E+00	0.00E+00	7.38E-06	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-06	1.03E-08
Michigan	Calhoun	26025	U	Lead Compounds	6.10E-02	8.51E-05	9.21E-02	1.28E-04	5.06E-03	7.06E-06	0.00E+00	0.00E+00	1.58E-01	2.21E-04
Michigan	Calhoun	26025	U	Manganese Compounds	1.18E+01	1.64E-02	9.09E-03	1.27E-05	1.55E-03	2.16E-06	1.45E-02	2.02E-05	1.18E+01	1.65E-02
Michigan	Calhoun	26025	U	Mercury Compounds	5.44E-05	7.59E-08	3.82E-02	5.32E-05	5.06E-05	7.06E-08	3.47E-03	4.84E-06	4.17E-02	5.82E-05
Michigan	Calhoun	26025	U	Methylene Chloride	2.57E+01	3.59E-02	4.12E+01	5.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E+01	9.33E-02
Michigan	Calhoun	26025	U	Nickel Compounds	0.00E+00	0.00E+00	1.13E-01	1.57E-04	2.84E-03	3.96E-06	6.72E-03	9.38E-06	1.22E-01	1.71E-04
Michigan	Calhoun	26025	U	Perchloroethylene	3.63E-01	5.07E-04	2.57E+01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+01	3.63E-02
Michigan	Calhoun	26025	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.13E+01	1.58E-02	2.49E-02	3.47E-05	7.16E-03	9.99E-06	1.13E+01	1.58E-02
Michigan	Calhoun	26025	U	7-PAH	0.00E+00	0.00E+00	2.15E-01	2.99E-04	1.11E-02	1.54E-05	3.38E-03	4.71E-06	2.29E-01	3.19E-04
Michigan	Calhoun	26025	U	Propylene Dichloride	1.19E-02	1.67E-05	2.78E-02	3.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	5.55E-05
Michigan	Calhoun	26025	U	Quinoline	0.00E+00	0.00E+00	1.76E-05	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	2.46E-08
Michigan	Calhoun	26025	U	1,1,2,2-Tetrachloroethane	1.09E-01	1.53E-04	2.50E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-01	5.01E-04
Michigan	Calhoun	26025	U	Trichloroethylene	2.18E-01	3.04E-04	6.19E+00	8.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E+00	8.93E-03
Michigan	Calhoun	26025	U	Vinyl Chloride	2.69E-01	3.76E-04	6.16E-01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-01	1.24E-03
Michigan	Cass	26027	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	8.69E-01	1.74E-03	6.71E+00	1.35E-02	1.67E+01	3.35E-02	2.43E+01	4.87E-02
Michigan	Cass	26027	R	Acrolein - Primary	0.00E+00	0.00E+00	1.17E+00	2.34E-03	1.15E+00	2.32E-03	2.88E+00	5.78E-03	5.20E+00	1.04E-02
Michigan	Cass	26027	R	Acrylonitrile	0.00E+00	0.00E+00	1.90E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01	3.82E-04
Michigan	Cass	26027	R	Arsenic Compounds	0.00E+00	0.00E+00	1.38E-03	2.77E-06	1.07E-04	2.15E-07	6.15E-07	1.24E-09	1.49E-03	2.99E-06
Michigan	Cass	26027	R	Benzene	6.80E+00	1.36E-02	3.60E+00	7.23E-03	4.23E+01	8.49E-02	1.65E+02	3.32E-01	2.18E+02	4.38E-01
Michigan	Cass	26027	R	Beryllium Compounds	0.00E+00	0.00E+00	3.38E-04	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	6.78E-07
Michigan	Cass	26027	R	1,3-Butadiene	0.00E+00	0.00E+00	8.52E-01	1.71E-03	5.26E+00	1.06E-02	1.42E+01	2.86E-02	2.04E+01	4.09E-02
Michigan	Cass	26027	R	Cadmium Compounds	0.00E+00	0.00E+00	7.84E-04	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	1.57E-06
Michigan	Cass	26027	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.10E-02	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	2.22E-05
Michigan	Cass	26027	R	Chloroform	0.00E+00	0.00E+00	1.02E-01	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	2.05E-04
Michigan	Cass	26027	R	Chromium Compounds	0.00E+00	0.00E+00	1.21E-02	2.43E-05	5.78E-03	1.16E-05	4.57E-03	9.18E-06	2.24E-02	4.51E-05
Michigan	Cass	26027	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
Michigan	Cass	26027	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.98E+00	7.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E+00	7.99E-03
Michigan	Cass	26027	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E+01	1.07E-01	4.64E+01	9.32E-02	9.97E+01	2.00E-01
Michigan	Cass	26027	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.04E-04	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	2.08E-07
Michigan	Cass	26027	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.27E-02	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	4.56E-05
Michigan	Cass	26027	R	Ethylene Oxide	0.00E+00	0.00E+00	1.46E-02	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	2.94E-05
Michigan	Cass	26027	R	Formaldehyde - Primary	0.00E+00	0.00E+00	5.64E+00	1.13E-02	1.98E+01	3.97E-02	2.94E+01	5.90E-02	5.48E+01	1.10E-01
Michigan	Cass	26027	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.48E-05	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	6.99E-08
Michigan	Cass	26027	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
Michigan	Cass	26027	R	Lead Compounds	0.00E+00	0.00E+00	1.74E-02	3.49E-05	8.15E-03	1.64E-05	0.00E+00	0.00E+00	2.55E-02	5.12E-05
Michigan	Cass	26027	R	Manganese Compounds	0.00E+00	0.00E+00	2.41E-02	4.84E-05	2.49E-03	5.01E-06	5.15E-03	1.03E-05	3.17E-02	6.37E-05
Michigan	Cass	26027	R	Mercury Compounds	0.00E+00	0.00E+00	3.43E-03	6.88E-06	8.15E-05	1.64E-07	1.24E-03	2.48E-06	4.75E-03	9.53E-06
Michigan	Cass	26027	R	Methylene Chloride	2.05E+01	4.11E-02	2.06E+01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E+01	8.25E-02
Michigan	Cass	26027	R	Nickel Compounds	0.00E+00	0.00E+00	2.63E-01	5.28E-04	4.58E-03	9.19E-06	2.39E-03	4.81E-06	2.70E-01	5.42E-04
Michigan	Cass	26027	R	Perchloroethylene	0.00E+00	0.00E+00	2.08E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+00	4.18E-03
Michigan	Cass	26027	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Cass	26027	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.99E+00	8.02E-03	4.01E-02	8.05E-05	1.03E-01	2.08E-04	4.14E+00	8.31E-03
Michigan	Cass	26027	R	7-PAH	0.00E+00	0.00E+00	8.75E-02	1.76E-04	1.78E-02	3.58E-05	5.35E-02	1.07E-04	1.59E-01	3.19E-04
Michigan	Cass	26027	R	Propylene Dichloride	0.00E+00	0.00E+00	1.14E-02	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	2.28E-05
Michigan	Cass	26027	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
Michigan	Cass	26027	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.03E-01	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	2.06E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Cass	26027	R	Trichloroethylene	0.00E+00	0.00E+00	5.88E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-01	1.18E-03
Michigan	Cass	26027	R	Vinyl Chloride	0.00E+00	0.00E+00	2.53E-01	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-01	5.09E-04
Michigan	Charlevoix	26029	R	Acetaldehyde - Primary	3.92E-02	1.10E-04	2.22E+00	6.23E-03	2.42E+00	6.79E-03	7.54E+00	2.12E-02	1.22E+01	3.43E-02
Michigan	Charlevoix	26029	R	Acrolein - Primary	1.99E-02	5.60E-05	2.41E+00	6.77E-03	4.63E-01	1.30E-03	1.35E+00	3.78E-03	4.24E+00	1.19E-02
Michigan	Charlevoix	26029	R	Acrylonitrile	0.00E+00	0.00E+00	4.51E-02	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-02	1.27E-04
Michigan	Charlevoix	26029	R	Arsenic Compounds	2.82E-02	7.92E-05	1.35E-03	3.78E-06	5.02E-05	1.41E-07	1.38E-03	3.86E-06	3.10E-02	8.70E-05
Michigan	Charlevoix	26029	R	Benzene	8.94E-02	2.51E-04	6.39E+00	1.79E-02	1.52E+01	4.27E-02	8.14E+01	2.28E-01	1.03E+02	2.89E-01
Michigan	Charlevoix	26029	R	Beryllium Compounds	1.48E-03	4.15E-06	2.03E-04	5.69E-07	0.00E+00	0.00E+00	1.37E-05	3.85E-08	1.69E-03	4.76E-06
Michigan	Charlevoix	26029	R	1,3-Butadiene	0.00E+00	0.00E+00	2.19E+00	6.15E-03	1.90E+00	5.32E-03	6.87E+00	1.93E-02	1.10E+01	3.08E-02
Michigan	Charlevoix	26029	R	Cadmium Compounds	3.54E-03	9.94E-06	5.67E-04	1.59E-06	0.00E+00	0.00E+00	1.92E-04	5.39E-07	4.30E-03	1.21E-05
Michigan	Charlevoix	26029	R	Carbon Tetrachloride	0.00E+00	0.00E+00	7.22E-03	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	2.03E-05
Michigan	Charlevoix	26029	R	Chloroform	0.00E+00	0.00E+00	4.05E-02	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	1.14E-04
Michigan	Charlevoix	26029	R	Chromium Compounds	1.79E-02	5.03E-05	1.88E-03	5.28E-06	2.70E-03	7.58E-06	9.24E-03	2.59E-05	3.17E-02	8.91E-05
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
Michigan	Charlevoix	26029	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.86E+00	5.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00	5.22E-03
Michigan	Charlevoix	26029	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+01	5.44E-02	3.22E+01	9.05E-02	5.16E+01	1.45E-01
Michigan	Charlevoix	26029	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.39E-05	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	6.72E-08
Michigan	Charlevoix	26029	R	Ethylene Dichloride	2.75E-03	7.72E-06	5.23E-03	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	2.24E-05
Michigan	Charlevoix	26029	R	Ethylene Oxide	0.00E+00	0.00E+00	1.31E-02	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	3.68E-05
Michigan	Charlevoix	26029	R	Formaldehyde - Primary	1.92E-02	5.39E-05	1.41E+01	3.95E-02	7.15E+00	2.01E-02	1.40E+01	3.94E-02	3.53E+01	9.91E-02
Michigan	Charlevoix	26029	R	Hexachlorobenzene	0.00E+00	0.00E+00	5.64E-06	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-06	1.58E-08
Michigan	Charlevoix	26029	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
Michigan	Charlevoix	26029	R	Lead Compounds	2.90E-02	8.13E-05	7.16E-03	2.01E-05	3.81E-03	1.07E-05	7.55E-04	2.12E-06	4.07E-02	1.14E-04
Michigan	Charlevoix	26029	R	Manganese Compounds	3.38E-02	9.47E-05	2.27E-03	6.36E-06	1.17E-03	3.27E-06	8.02E-03	2.25E-05	4.52E-02	1.27E-04
Michigan	Charlevoix	26029	R	Mercury Compounds	5.74E-03	1.61E-05	1.76E-03	4.95E-06	3.81E-05	1.07E-07	6.34E-04	1.78E-06	8.18E-03	2.30E-05
Michigan	Charlevoix	26029	R	Methylene Chloride	1.99E-02	5.60E-05	3.57E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E+00	1.01E-02
Michigan	Charlevoix	26029	R	Nickel Compounds	1.93E-02	5.41E-05	1.33E-02	3.74E-05	2.14E-03	6.01E-06	5.57E-02	1.56E-04	9.04E-02	2.54E-04
Michigan	Charlevoix	26029	R	Perchloroethylene	2.96E-03	8.30E-06	4.47E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E+00	1.26E-02
Michigan	Charlevoix	26029	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	1.41E-03	3.95E-06	6.50E+00	1.83E-02	1.88E-02	5.26E-05	4.28E-02	1.20E-04	6.57E+00	1.84E-02
Michigan	Charlevoix	26029	R	7-PAH	2.77E-05	7.78E-08	2.01E-01	5.65E-04	8.33E-03	2.34E-05	2.19E-02	6.14E-05	2.32E-01	6.50E-04
Michigan	Charlevoix	26029	R	Propylene Dichloride	0.00E+00	0.00E+00	2.66E-03	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	7.47E-06
Michigan	Charlevoix	26029	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
Michigan	Charlevoix	26029	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.37E-02	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-02	6.67E-05
Michigan	Charlevoix	26029	R	Trichloroethylene	0.00E+00	0.00E+00	5.15E-01	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-01	1.44E-03
Michigan	Charlevoix	26029	R	Vinyl Chloride	0.00E+00	0.00E+00	5.85E-02	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-02	1.64E-04
Michigan	Cheboygan	26031	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	6.13E+00	8.37E-03	2.65E+00	3.62E-03	4.83E+01	6.60E-02	5.71E+01	7.80E-02
Michigan	Cheboygan	26031	R	Acrolein - Primary	0.00E+00	0.00E+00	6.48E+00	8.86E-03	4.82E-01	6.58E-04	8.73E+00	1.19E-02	1.57E+01	2.14E-02
Michigan	Cheboygan	26031	R	Acrylonitrile	0.00E+00	0.00E+00	2.58E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	3.53E-04
Michigan	Cheboygan	26031	R	Arsenic Compounds	0.00E+00	0.00E+00	1.13E-03	1.54E-06	4.96E-05	6.77E-08	2.84E-07	3.88E-10	1.18E-03	1.61E-06
Michigan	Cheboygan	26031	R	Benzene	0.00E+00	0.00E+00	1.81E+01	2.47E-02	1.66E+01	2.27E-02	7.07E+02	9.66E-01	7.42E+02	1.01E+00
Michigan	Cheboygan	26031	R	Beryllium Compounds	0.00E+00	0.00E+00	1.79E-04	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	2.44E-07
Michigan	Cheboygan	26031	R	1,3-Butadiene	0.00E+00	0.00E+00	6.07E+00	8.29E-03	2.07E+00	2.83E-03	5.96E+01	8.14E-02	6.77E+01	9.25E-02
Michigan	Cheboygan	26031	R	Cadmium Compounds	0.00E+00	0.00E+00	6.64E-04	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	9.06E-07
Michigan	Cheboygan	26031	R	Carbon Tetrachloride	0.00E+00	0.00E+00	7.52E-03	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-03	1.03E-05
Michigan	Cheboygan	26031	R	Chloroform	0.00E+00	0.00E+00	4.27E-02	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02	5.84E-05
Michigan	Cheboygan	26031	R	Chromium Compounds	0.00E+00	0.00E+00	1.75E-03	2.39E-06	2.67E-03	3.65E-06	2.11E-03	2.89E-06	6.53E-03	8.93E-06
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

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Cheboygan	26031	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.84E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00	2.51E-03
Michigan	Cheboygan	26031	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+01	2.91E-02	2.79E+01	3.82E-02	4.92E+01	6.72E-02
Michigan	Cheboygan	26031	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.43E-04	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	1.96E-07
Michigan	Cheboygan	26031	R	Ethylene Dichloride	0.00E+00	0.00E+00	3.12E-02	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	4.26E-05
Michigan	Cheboygan	26031	R	Ethylene Oxide	0.00E+00	0.00E+00	2.49E-02	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02	3.40E-05
Michigan	Cheboygan	26031	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.87E+01	5.29E-02	7.83E+00	1.07E-02	7.77E+01	1.06E-01	1.24E+02	1.70E-01
Michigan	Cheboygan	26031	R	Hexachlorobenzene	0.00E+00	0.00E+00	5.92E-06	8.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-06	8.09E-09
Michigan	Cheboygan	26031	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
Michigan	Cheboygan	26031	R	Lead Compounds	0.00E+00	0.00E+00	7.95E-03	1.09E-05	3.77E-03	5.15E-06	0.00E+00	0.00E+00	1.17E-02	1.60E-05
Michigan	Cheboygan	26031	R	Manganese Compounds	0.00E+00	0.00E+00	1.80E-03	2.47E-06	1.15E-03	1.57E-06	2.38E-03	3.25E-06	5.33E-03	7.29E-06
Michigan	Cheboygan	26031	R	Mercury Compounds	0.00E+00	0.00E+00	3.61E-03	4.94E-06	3.77E-05	5.15E-08	5.71E-04	7.80E-07	4.22E-03	5.77E-06
Michigan	Cheboygan	26031	R	Methylene Chloride	0.00E+00	0.00E+00	4.23E+00	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E+00	5.77E-03
Michigan	Cheboygan	26031	R	Nickel Compounds	0.00E+00	0.00E+00	6.49E-03	8.87E-06	2.12E-03	2.89E-06	1.11E-03	1.51E-06	9.71E-03	1.33E-05
Michigan	Cheboygan	26031	R	Perchloroethylene	0.00E+00	0.00E+00	2.43E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+00	3.32E-03
Michigan	Cheboygan	26031	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	7.27E+00	9.93E-03	1.85E-02	2.53E-05	4.51E-01	6.16E-04	7.74E+00	1.06E-02
Michigan	Cheboygan	26031	R	7-PAH	0.00E+00	0.00E+00	3.77E-01	5.15E-04	8.23E-03	1.12E-05	2.34E-01	3.19E-04	6.19E-01	8.46E-04
Michigan	Cheboygan	26031	R	Propylene Dichloride	0.00E+00	0.00E+00	1.56E-02	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02	2.13E-05
Michigan	Cheboygan	26031	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
Michigan	Cheboygan	26031	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.42E-01	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-01	1.94E-04
Michigan	Cheboygan	26031	R	Trichloroethylene	0.00E+00	0.00E+00	6.70E-01	9.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-01	9.15E-04
Michigan	Cheboygan	26031	R	Vinyl Chloride	0.00E+00	0.00E+00	3.50E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-01	4.78E-04
Michigan	Chippewa	26033	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.23E+01	9.14E-03	3.29E+00	2.44E-03	1.49E+01	1.11E-02	3.05E+01	2.27E-02
Michigan	Chippewa	26033	R	Acrolein - Primary	0.00E+00	0.00E+00	1.30E+01	9.65E-03	6.85E-01	5.09E-04	3.31E+00	2.46E-03	1.70E+01	1.26E-02
Michigan	Chippewa	26033	R	Acrylonitrile	0.00E+00	0.00E+00	6.84E-01	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-01	5.08E-04
Michigan	Chippewa	26033	R	Arsenic Compounds	0.00E+00	0.00E+00	1.80E-03	1.34E-06	8.03E-05	5.97E-08	1.39E-03	1.03E-06	3.27E-03	2.43E-06
Michigan	Chippewa	26033	R	Benzene	0.00E+00	0.00E+00	3.60E+01	2.67E-02	2.07E+01	1.54E-02	1.37E+02	1.02E-01	1.94E+02	1.44E-01
Michigan	Chippewa	26033	R	Beryllium Compounds	0.00E+00	0.00E+00	2.89E-04	2.15E-07	0.00E+00	0.00E+00	1.39E-05	1.03E-08	3.03E-04	2.25E-07
Michigan	Chippewa	26033	R	1,3-Butadiene	0.00E+00	0.00E+00	1.22E+01	9.08E-03	2.58E+00	1.92E-03	1.25E+01	9.28E-03	2.73E+01	2.03E-02
Michigan	Chippewa	26033	R	Cadmium Compounds	0.00E+00	0.00E+00	9.72E-04	7.22E-07	0.00E+00	0.00E+00	1.94E-04	1.44E-07	1.17E-03	8.67E-07
Michigan	Chippewa	26033	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.18E-02	8.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	8.75E-06
Michigan	Chippewa	26033	R	Chloroform	0.00E+00	0.00E+00	7.73E-02	5.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-02	5.74E-05
Michigan	Chippewa	26033	R	Chromium Compounds	0.00E+00	0.00E+00	2.77E-03	2.06E-06	4.33E-03	3.22E-06	1.06E-02	7.87E-06	1.77E-02	1.31E-05
Michigan	Chippewa	26033	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
Michigan	Chippewa	26033	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.98E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E+00	2.22E-03
Michigan	Chippewa	26033	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+01	1.94E-02	4.57E+01	3.40E-02	7.18E+01	5.34E-02
Michigan	Chippewa	26033	R	Ethylene Dibromide	0.00E+00	0.00E+00	3.81E-04	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	2.83E-07
Michigan	Chippewa	26033	R	Ethylene Dichloride	0.00E+00	0.00E+00	8.23E-02	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-02	6.12E-05
Michigan	Chippewa	26033	R	Ethylene Oxide	0.00E+00	0.00E+00	2.57E-02	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02	1.91E-05
Michigan	Chippewa	26033	R	Formaldehyde - Primary	0.00E+00	0.00E+00	7.78E+01	5.78E-02	9.71E+00	7.21E-03	3.05E+01	2.27E-02	1.18E+02	8.77E-02
Michigan	Chippewa	26033	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.50E-05	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	1.12E-08
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
Michigan	Chippewa	26033	R	Lead Compounds	0.00E+00	0.00E+00	1.11E-02	8.24E-06	6.11E-03	4.54E-06	5.60E-01	4.16E-04	5.77E-01	4.29E-04
Michigan	Chippewa	26033	R	Manganese Compounds	0.00E+00	0.00E+00	1.08E-02	8.01E-06	1.87E-03	1.39E-06	9.52E-03	7.08E-06	2.22E-02	1.65E-05
Michigan	Chippewa	26033	R	Mercury Compounds	0.00E+00	0.00E+00	5.07E-03	3.77E-06	6.11E-05	4.54E-08	9.82E-04	7.30E-07	6.12E-03	4.55E-06
Michigan	Chippewa	26033	R	Methylene Chloride	0.00E+00	0.00E+00	8.00E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E+00	5.95E-03
Michigan	Chippewa	26033	R	Nickel Compounds	0.00E+00	0.00E+00	1.06E-02	7.88E-06	3.43E-03	2.55E-06	5.69E-02	4.23E-05	7.09E-02	5.27E-05
Michigan	Chippewa	26033	R	Perchloroethylene	0.00E+00	0.00E+00	3.83E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E+00	2.85E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Chippewa	26033	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.18E+01	8.75E-03	3.00E-02	2.23E-05	8.18E-02	6.08E-05	1.19E+01	8.83E-03
Michigan	Chippewa	26033	R	7-PAH	0.00E+00	0.00E+00	6.95E-01	5.17E-04	1.33E-02	9.92E-06	3.90E-02	2.90E-05	7.48E-01	5.56E-04
Michigan	Chippewa	26033	R	Propylene Dichloride	0.00E+00	0.00E+00	4.13E-02	3.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-02	3.07E-05
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
Michigan	Chippewa	26033	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	3.77E-01	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-01	2.81E-04
Michigan	Chippewa	26033	R	Trichloroethylene	0.00E+00	0.00E+00	1.54E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00	1.15E-03
Michigan	Chippewa	26033	R	Vinyl Chloride	0.00E+00	0.00E+00	9.29E-01	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-01	6.91E-04
Michigan	Clare	26035	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.27E+00	7.49E-03	3.52E+00	6.17E-03	3.79E+00	6.65E-03	1.16E+01	2.03E-02
Michigan	Clare	26035	R	Acrolein - Primary	0.00E+00	0.00E+00	3.79E+00	6.65E-03	6.18E-01	1.08E-03	5.99E-01	1.05E-03	5.01E+00	8.78E-03
Michigan	Clare	26035	R	Acrylonitrile	0.00E+00	0.00E+00	2.98E-01	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-01	5.23E-04
Michigan	Clare	26035	R	Arsenic Compounds	0.00E+00	0.00E+00	1.32E-03	2.31E-06	6.14E-05	1.08E-07	3.52E-07	6.17E-10	1.38E-03	2.42E-06
Michigan	Clare	26035	R	Benzene	0.00E+00	0.00E+00	1.24E+01	2.18E-02	2.20E+01	3.86E-02	5.30E+00	9.30E-03	3.98E+01	6.97E-02
Michigan	Clare	26035	R	Beryllium Compounds	0.00E+00	0.00E+00	1.96E-04	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	3.44E-07
Michigan	Clare	26035	R	1,3-Butadiene	0.00E+00	0.00E+00	3.47E+00	6.09E-03	2.75E+00	4.82E-03	6.92E-01	1.21E-03	6.91E+00	1.21E-02
Michigan	Clare	26035	R	Cadmium Compounds	0.00E+00	0.00E+00	8.34E-04	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	1.46E-06
Michigan	Clare	26035	R	Carbon Tetrachloride	0.00E+00	0.00E+00	9.27E-03	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-03	1.63E-05
Michigan	Clare	26035	R	Chloroform	0.00E+00	0.00E+00	5.32E-02	9.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-02	9.32E-05
Michigan	Clare	26035	R	Chromium Compounds	0.00E+00	0.00E+00	2.10E-03	3.67E-06	3.30E-03	5.79E-06	2.62E-03	4.59E-06	8.02E-03	1.41E-05
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
Michigan	Clare	26035	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.28E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00	4.00E-03
Michigan	Clare	26035	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E+01	4.97E-02	1.86E+01	3.26E-02	4.69E+01	8.23E-02
Michigan	Clare	26035	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.65E-04	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	2.90E-07
Michigan	Clare	26035	R	Ethylene Dichloride	0.00E+00	0.00E+00	3.60E-02	6.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02	6.31E-05
Michigan	Clare	26035	R	Ethylene Oxide	0.00E+00	0.00E+00	2.52E-02	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-02	4.41E-05
Michigan	Clare	26035	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.12E+01	5.48E-02	1.04E+01	1.82E-02	7.80E+00	1.37E-02	4.94E+01	8.66E-02
Michigan	Clare	26035	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.10E-05	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	1.93E-08
Michigan	Clare	26035	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
Michigan	Clare	26035	R	Lead Compounds	0.00E+00	0.00E+00	9.54E-03	1.67E-05	4.66E-03	8.18E-06	0.00E+00	0.00E+00	1.42E-02	2.49E-05
Michigan	Clare	26035	R	Manganese Compounds	0.00E+00	0.00E+00	2.11E-03	3.71E-06	1.43E-03	2.50E-06	2.94E-03	5.16E-06	6.48E-03	1.14E-05
Michigan	Clare	26035	R	Mercury Compounds	0.00E+00	0.00E+00	4.94E-03	8.67E-06	4.66E-05	8.18E-08	7.07E-04	1.24E-06	5.70E-03	9.99E-06
Michigan	Clare	26035	R	Methylene Chloride	0.00E+00	0.00E+00	2.34E+01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+01	4.11E-02
Michigan	Clare	26035	R	Nickel Compounds	0.00E+00	0.00E+00	7.09E-03	1.24E-05	2.62E-03	4.59E-06	1.37E-03	2.40E-06	1.11E-02	1.94E-05
Michigan	Clare	26035	R	Perchloroethylene	0.00E+00	0.00E+00	2.59E+00	4.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+00	4.55E-03
Michigan	Clare	26035	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	7.95E+00	1.39E-02	2.29E-02	4.02E-05	1.79E-03	3.13E-06	7.98E+00	1.40E-02
Michigan	Clare	26035	R	7-PAH	0.00E+00	0.00E+00	2.74E-01	4.81E-04	1.02E-02	1.79E-05	8.58E-04	1.50E-06	2.85E-01	5.00E-04
Michigan	Clare	26035	R	Propylene Dichloride	0.00E+00	0.00E+00	1.80E-02	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02	3.15E-05
Michigan	Clare	26035	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
Michigan	Clare	26035	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.64E-01	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-01	2.88E-04
Michigan	Clare	26035	R	Trichloroethylene	0.00E+00	0.00E+00	7.15E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-01	1.25E-03
Michigan	Clare	26035	R	Vinyl Chloride	0.00E+00	0.00E+00	4.04E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-01	7.08E-04
Michigan	Clinton	26037	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	5.01E-01	8.79E-04	7.24E+00	1.27E-02	9.15E+00	1.60E-02	1.69E+01	2.96E-02
Michigan	Clinton	26037	U	Acrolein - Primary	0.00E+00	0.00E+00	8.46E-01	1.48E-03	8.82E-01	1.55E-03	1.73E+00	3.03E-03	3.46E+00	6.06E-03
Michigan	Clinton	26037	U	Acrylonitrile	0.00E+00	0.00E+00	2.38E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-01	4.18E-04
Michigan	Clinton	26037	U	Arsenic Compounds	0.00E+00	0.00E+00	1.44E-03	2.53E-06	3.05E-05	5.34E-08	7.69E-07	1.35E-09	1.47E-03	2.58E-06
Michigan	Clinton	26037	U	Benzene	0.00E+00	0.00E+00	2.78E+00	4.88E-03	4.60E+01	8.05E-02	1.12E+01	1.96E-02	5.99E+01	1.05E-01
Michigan	Clinton	26037	U	Beryllium Compounds	0.00E+00	0.00E+00	4.26E-04	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	7.46E-07

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Clinton	26037	U	1,3-Butadiene	0.00E+00	0.00E+00	4.83E-01	8.46E-04	5.71E+00	1.00E-02	1.81E+00	3.18E-03	8.00E+00	1.40E-02
Michigan	Clinton	26037	U	Cadmium Compounds	0.00E+00	0.00E+00	9.80E-04	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	1.72E-06
Michigan	Clinton	26037	U	Carbon Tetrachloride	0.00E+00	0.00E+00	1.13E-02	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	1.99E-05
Michigan	Clinton	26037	U	Chloroform	0.00E+00	0.00E+00	1.33E-01	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-01	2.32E-04
Michigan	Clinton	26037	U	Chromium Compounds	0.00E+00	0.00E+00	1.21E-02	2.12E-05	1.64E-03	2.87E-06	5.72E-03	1.00E-05	1.95E-02	3.41E-05
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
Michigan	Clinton	26037	U	1,3-Dichloropropene	0.00E+00	0.00E+00	4.98E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E+00	8.73E-03
Michigan	Clinton	26037	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E+01	9.95E-02	9.41E+01	1.65E-01	1.51E+02	2.64E-01
Michigan	Clinton	26037	U	Ethylene Dibromide	0.00E+00	0.00E+00	1.31E-04	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	2.30E-07
Michigan	Clinton	26037	U	Ethylene Dichloride	0.00E+00	0.00E+00	2.84E-02	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-02	4.98E-05
Michigan	Clinton	26037	U	Ethylene Oxide	0.00E+00	0.00E+00	2.71E-02	4.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-02	4.76E-05
Michigan	Clinton	26037	U	Formaldehyde - Primary	0.00E+00	0.00E+00	3.34E+00	5.85E-03	2.14E+01	3.74E-02	1.99E+01	3.48E-02	4.46E+01	7.81E-02
Michigan	Clinton	26037	U	Hexachlorobenzene	0.00E+00	0.00E+00	5.04E-05	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	8.84E-08
Michigan	Clinton	26037	U	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.33E-09
Michigan	Clinton	26037	U	Lead Compounds	0.00E+00	0.00E+00	1.07E+00	1.87E-03	2.31E-03	4.06E-06	2.24E-01	3.92E-04	1.30E+00	2.27E-03
Michigan	Clinton	26037	U	Manganese Compounds	0.00E+00	0.00E+00	2.36E-03	4.13E-06	7.08E-04	1.24E-06	6.43E-03	1.13E-05	9.50E-03	1.66E-05
Michigan	Clinton	26037	U	Mercury Compounds	0.00E+00	0.00E+00	5.23E-03	9.16E-06	2.31E-05	4.06E-08	1.55E-03	2.71E-06	6.80E-03	1.19E-05
Michigan	Clinton	26037	U	Methylene Chloride	0.00E+00	0.00E+00	9.49E+00	1.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E+00	1.66E-02
Michigan	Clinton	26037	U	Nickel Compounds	9.50E-02	1.66E-04	1.53E-02	2.68E-05	1.30E-03	2.28E-06	2.99E-03	5.24E-06	1.15E-01	2.01E-04
Michigan	Clinton	26037	U	Perchloroethylene	0.00E+00	0.00E+00	3.93E+00	6.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00	6.88E-03
Michigan	Clinton	26037	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.80E+00	8.42E-03	1.14E-02	2.00E-05	5.91E-03	1.04E-05	4.82E+00	8.45E-03
Michigan	Clinton	26037	U	7-PAH	0.00E+00	0.00E+00	8.96E-02	1.57E-04	5.06E-03	8.86E-06	1.68E-03	2.95E-06	9.63E-02	1.69E-04
Michigan	Clinton	26037	U	Propylene Dichloride	0.00E+00	0.00E+00	1.43E-02	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	2.50E-05
Michigan	Clinton	26037	U	Quinoline	0.00E+00	0.00E+00	1.82E-06	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	3.19E-09
Michigan	Clinton	26037	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.29E-01	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	2.26E-04
Michigan	Clinton	26037	U	Trichloroethylene	1.35E+02	2.37E-01	9.71E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+02	2.39E-01
Michigan	Clinton	26037	U	Vinyl Chloride	0.00E+00	0.00E+00	3.17E-01	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-01	5.56E-04
Michigan	Crawford	26039	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.25E+00	7.58E-03	1.95E+00	3.48E-03	1.81E+00	3.23E-03	8.02E+00	1.43E-02
Michigan	Crawford	26039	R	Acrolein - Primary	0.00E+00	0.00E+00	4.42E+00	7.88E-03	3.21E-01	5.72E-04	2.86E-01	5.10E-04	5.03E+00	8.96E-03
Michigan	Crawford	26039	R	Acrylonitrile	0.00E+00	0.00E+00	2.64E-01	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01	4.71E-04
Michigan	Crawford	26039	R	Arsenic Compounds	2.01E-04	3.58E-07	7.26E-04	1.29E-06	2.92E-05	5.21E-08	1.68E-07	2.99E-10	9.57E-04	1.71E-06
Michigan	Crawford	26039	R	Benzene	0.00E+00	0.00E+00	1.47E+01	2.62E-02	1.22E+01	2.18E-02	2.59E+00	4.61E-03	2.95E+01	5.26E-02
Michigan	Crawford	26039	R	Beryllium Compounds	0.00E+00	0.00E+00	1.01E-04	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	1.79E-07
Michigan	Crawford	26039	R	1,3-Butadiene	0.00E+00	0.00E+00	4.15E+00	7.40E-03	1.52E+00	2.72E-03	3.27E-01	5.83E-04	6.00E+00	1.07E-02
Michigan	Crawford	26039	R	Cadmium Compounds	4.98E-05	8.87E-08	5.28E-04	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	1.03E-06
Michigan	Crawford	26039	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.89E-03	8.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	8.72E-06
Michigan	Crawford	26039	R	Chloroform	0.00E+00	0.00E+00	2.97E-02	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02	5.30E-05
Michigan	Crawford	26039	R	Chromium Compounds	3.79E-04	6.75E-07	1.17E-03	2.09E-06	1.57E-03	2.81E-06	1.25E-03	2.22E-06	4.37E-03	7.79E-06
Michigan	Crawford	26039	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
Michigan	Crawford	26039	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.08E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00	1.93E-03
Michigan	Crawford	26039	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+01	2.81E-02	1.27E+01	2.26E-02	2.84E+01	5.07E-02
Michigan	Crawford	26039	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.55E-04	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	2.77E-07
Michigan	Crawford	26039	R	Ethylene Dichloride	0.00E+00	0.00E+00	3.31E-02	5.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-02	5.90E-05
Michigan	Crawford	26039	R	Ethylene Oxide	0.00E+00	0.00E+00	2.44E-02	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-02	4.36E-05
Michigan	Crawford	26039	R	Formaldehyde - Primary	1.94E-02	3.46E-05	2.77E+01	4.94E-02	5.77E+00	1.03E-02	3.71E+00	6.62E-03	3.72E+01	6.63E-02
Michigan	Crawford	26039	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.10E-07	1.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.96E-10
Michigan	Crawford	26039	R	Hydrazine	0.00E+00	0.00E+00	4.57E-06	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	8.14E-09

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Crawford	26039	R	Lead Compounds	1.06E-03	1.90E-06	5.21E-03	9.29E-06	2.22E-03	3.96E-06	0.00E+00	0.00E+00	8.50E-03	1.51E-05
Michigan	Crawford	26039	R	Manganese Compounds	3.08E-02	5.49E-05	9.49E-03	1.69E-05	6.80E-04	1.21E-06	1.40E-03	2.50E-06	4.24E-02	7.56E-05
Michigan	Crawford	26039	R	Mercury Compounds	1.23E-05	2.19E-08	3.49E-03	6.22E-06	2.22E-05	3.96E-08	3.37E-04	6.01E-07	3.86E-03	6.88E-06
Michigan	Crawford	26039	R	Methylene Chloride	0.00E+00	0.00E+00	2.89E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+00	5.15E-03
Michigan	Crawford	26039	R	Nickel Compounds	4.98E-05	8.87E-08	4.08E-03	7.28E-06	1.25E-03	2.22E-06	6.52E-04	1.16E-06	6.03E-03	1.08E-05
Michigan	Crawford	26039	R	Perchloroethylene	0.00E+00	0.00E+00	2.14E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+00	3.82E-03
Michigan	Crawford	26039	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Crawford	26039	R	Polycyclic Organic Matter	2.20E-07	3.92E-10	4.58E+00	8.16E-03	1.09E-02	1.95E-05	9.16E-04	1.63E-06	4.59E+00	8.18E-03
Michigan	Crawford	26039	R	7-PAH	2.04E-09	3.63E-12	2.22E-01	3.96E-04	4.85E-03	8.65E-06	4.42E-04	7.88E-07	2.27E-01	4.05E-04
Michigan	Crawford	26039	R	Propylene Dichloride	0.00E+00	0.00E+00	1.60E-02	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02	2.86E-05
Michigan	Crawford	26039	R	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.94E-08
Michigan	Crawford	26039	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.46E-01	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	2.60E-04
Michigan	Crawford	26039	R	Trichloroethylene	0.00E+00	0.00E+00	5.14E-01	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-01	9.16E-04
Michigan	Crawford	26039	R	Vinyl Chloride	0.00E+00	0.00E+00	4.09E-01	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-01	7.29E-04
Michigan	Delta	26041	R	Acetaldehyde - Primary	5.63E+00	4.97E-03	8.10E+00	7.16E-03	3.26E+00	2.88E-03	1.00E+01	8.87E-03	2.70E+01	2.39E-02
Michigan	Delta	26041	R	Acrolein - Primary	1.19E-02	1.05E-05	8.62E+00	7.62E-03	6.98E-01	6.16E-04	2.32E+00	2.05E-03	1.17E+01	1.03E-02
Michigan	Delta	26041	R	Acrylonitrile	0.00E+00	0.00E+00	1.65E-01	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-01	1.46E-04
Michigan	Delta	26041	R	Arsenic Compounds	9.10E-02	8.04E-05	5.28E-03	4.66E-06	8.35E-05	7.37E-08	7.64E-03	6.74E-06	1.04E-01	9.19E-05
Michigan	Delta	26041	R	Benzene	4.39E+00	3.88E-03	2.32E+01	2.05E-02	2.06E+01	1.82E-02	7.32E+01	6.46E-02	1.21E+02	1.07E-01
Michigan	Delta	26041	R	Beryllium Compounds	3.82E-03	3.38E-06	3.16E-04	2.79E-07	0.00E+00	0.00E+00	7.62E-05	6.73E-08	4.22E-03	3.72E-06
Michigan	Delta	26041	R	1,3-Butadiene	0.00E+00	0.00E+00	8.03E+00	7.09E-03	2.56E+00	2.26E-03	6.77E+00	5.98E-03	1.74E+01	1.53E-02
Michigan	Delta	26041	R	Cadmium Compounds	2.03E-02	1.79E-05	1.95E-03	1.72E-06	0.00E+00	0.00E+00	1.07E-03	9.42E-07	2.33E-02	2.05E-05
Michigan	Delta	26041	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.08E-02	9.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	9.58E-06
Michigan	Delta	26041	R	Chloroform	0.00E+00	0.00E+00	7.17E-02	6.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02	6.33E-05
Michigan	Delta	26041	R	Chromium Compounds	5.28E-02	4.66E-05	1.95E-02	1.72E-05	4.49E-03	3.97E-06	4.30E-02	3.80E-05	1.20E-01	1.06E-04
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
Michigan	Delta	26041	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.10E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+00	2.74E-03
Michigan	Delta	26041	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+01	2.28E-02	4.87E+01	4.30E-02	7.45E+01	6.58E-02
Michigan	Delta	26041	R	Ethylene Dibromide	0.00E+00	0.00E+00	9.00E-05	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05	7.95E-08
Michigan	Delta	26041	R	Ethylene Dichloride	1.64E-03	1.45E-06	1.96E-02	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-02	1.87E-05
Michigan	Delta	26041	R	Ethylene Oxide	0.00E+00	0.00E+00	2.58E-02	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02	2.28E-05
Michigan	Delta	26041	R	Formaldehyde - Primary	5.02E+00	4.43E-03	5.16E+01	4.56E-02	9.62E+00	8.49E-03	2.08E+01	1.84E-02	8.70E+01	7.68E-02
Michigan	Delta	26041	R	Hexachlorobenzene	0.00E+00	0.00E+00	8.68E-06	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-06	7.67E-09
Michigan	Delta	26041	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
Michigan	Delta	26041	R	Lead Compounds	7.69E-01	6.79E-04	3.64E-02	3.21E-05	6.34E-03	5.60E-06	2.75E-01	2.43E-04	1.09E+00	9.60E-04
Michigan	Delta	26041	R	Manganese Compounds	1.77E-01	1.56E-04	4.93E-01	4.35E-04	1.94E-03	1.71E-06	3.52E-02	3.11E-05	7.07E-01	6.24E-04
Michigan	Delta	26041	R	Mercury Compounds	1.42E-02	1.25E-05	6.38E-03	5.64E-06	6.34E-05	5.60E-08	1.27E-03	1.12E-06	2.19E-02	1.93E-05
Michigan	Delta	26041	R	Methylene Chloride	1.19E-02	1.05E-05	6.27E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E+00	5.55E-03
Michigan	Delta	26041	R	Nickel Compounds	7.42E-02	6.55E-05	1.65E-02	1.45E-05	3.56E-03	3.15E-06	3.05E-01	2.69E-04	3.99E-01	3.52E-04
Michigan	Delta	26041	R	Perchloroethylene	1.77E-03	1.56E-06	3.74E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+00	3.30E-03
Michigan	Delta	26041	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	7.82E-04	6.90E-07	1.15E+01	1.01E-02	3.12E-02	2.76E-05	4.32E-02	3.81E-05	1.15E+01	1.02E-02
Michigan	Delta	26041	R	7-PAH	1.60E-05	1.41E-08	5.26E-01	4.64E-04	1.39E-02	1.22E-05	1.92E-02	1.69E-05	5.59E-01	4.93E-04
Michigan	Delta	26041	R	Propylene Dichloride	0.00E+00	0.00E+00	9.86E-03	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-03	8.71E-06
Michigan	Delta	26041	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
Michigan	Delta	26041	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.93E-02	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02	7.89E-05
Michigan	Delta	26041	R	Trichloroethylene	0.00E+00	0.00E+00	9.30E-01	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-01	8.21E-04
Michigan	Delta	26041	R	Vinyl Chloride	0.00E+00	0.00E+00	2.20E-01	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-01	1.94E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Dickinson	26043	U	Acetaldehyde - Primary	5.06E+00	6.56E-03	6.02E+00	7.81E-03	1.74E+00	2.25E-03	4.30E+00	5.57E-03	1.71E+01	2.22E-02
Michigan	Dickinson	26043	U	Acrolein - Primary	2.78E-05	3.61E-08	6.38E+00	8.28E-03	4.37E-01	5.66E-04	8.99E-01	1.17E-03	7.72E+00	1.00E-02
Michigan	Dickinson	26043	U	Acrylonitrile	0.00E+00	0.00E+00	3.60E-02	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02	4.66E-05
Michigan	Dickinson	26043	U	Arsenic Compounds	6.93E-02	8.99E-05	3.53E-02	4.58E-05	5.83E-05	7.57E-08	3.35E-07	4.34E-10	1.05E-01	1.36E-04
Michigan	Dickinson	26043	U	Benzene	3.92E+00	5.08E-03	1.92E+01	2.49E-02	1.10E+01	1.43E-02	5.34E+00	6.92E-03	3.95E+01	5.13E-02
Michigan	Dickinson	26043	U	Beryllium Compounds	2.93E-03	3.80E-06	2.49E-04	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	4.12E-06
Michigan	Dickinson	26043	U	1,3-Butadiene	0.00E+00	0.00E+00	5.96E+00	7.73E-03	1.37E+00	1.78E-03	9.05E-01	1.17E-03	8.24E+00	1.07E-02
Michigan	Dickinson	26043	U	Cadmium Compounds	1.79E-02	2.32E-05	9.53E-03	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02	3.56E-05
Michigan	Dickinson	26043	U	Carbon Tetrachloride	0.00E+00	0.00E+00	8.61E-03	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-03	1.12E-05
Michigan	Dickinson	26043	U	Chloroform	0.00E+00	0.00E+00	5.05E-02	6.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-02	6.56E-05
Michigan	Dickinson	26043	U	Chromium Compounds	4.60E-02	5.96E-05	6.59E-02	8.54E-05	3.14E-03	4.07E-06	2.49E-03	3.22E-06	1.17E-01	1.52E-04
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
Michigan	Dickinson	26043	U	1,3-Dichloropropene	0.00E+00	0.00E+00	2.16E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00	2.80E-03
Michigan	Dickinson	26043	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+01	1.76E-02	2.25E+01	2.92E-02	3.61E+01	4.68E-02
Michigan	Dickinson	26043	U	Ethylene Dibromide	0.00E+00	0.00E+00	2.70E-05	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	3.50E-08
Michigan	Dickinson	26043	U	Ethylene Dichloride	3.84E-06	4.99E-09	5.37E-03	6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	6.97E-06
Michigan	Dickinson	26043	U	Ethylene Oxide	0.00E+00	0.00E+00	5.27E-02	6.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-02	6.83E-05
Michigan	Dickinson	26043	U	Formaldehyde - Primary	4.74E+00	6.15E-03	4.13E+01	5.36E-02	5.12E+00	6.64E-03	9.64E+00	1.25E-02	6.08E+01	7.89E-02
Michigan	Dickinson	26043	U	Hexachlorobenzene	0.00E+00	0.00E+00	3.54E-06	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	4.59E-09
Michigan	Dickinson	26043	U	Hydrazine	0.00E+00	0.00E+00	4.57E-06	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	5.92E-09
Michigan	Dickinson	26043	U	Lead Compounds	7.95E-01	1.03E-03	1.97E-01	2.56E-04	4.43E-03	5.75E-06	1.73E-01	2.25E-04	1.17E+00	1.52E-03
Michigan	Dickinson	26043	U	Manganese Compounds	4.94E-01	6.41E-04	5.19E+00	6.73E-03	1.36E-03	1.76E-06	2.80E-03	3.63E-06	5.68E+00	7.37E-03
Michigan	Dickinson	26043	U	Mercury Compounds	9.91E-03	1.28E-05	9.71E-03	1.26E-05	4.43E-05	5.75E-08	6.72E-04	8.72E-07	2.03E-02	2.64E-05
Michigan	Dickinson	26043	U	Methylene Chloride	2.78E-05	3.61E-08	4.27E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+00	5.54E-03
Michigan	Dickinson	26043	U	Nickel Compounds	5.98E-02	7.75E-05	2.36E-02	3.06E-05	2.49E-03	3.23E-06	1.30E-03	1.69E-06	8.71E-02	1.13E-04
Michigan	Dickinson	26043	U	Perchloroethylene	4.12E-06	5.35E-09	5.52E+00	7.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E+00	7.16E-03
Michigan	Dickinson	26043	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	4.30E-06	5.57E-09	7.91E+00	1.03E-02	2.18E-02	2.83E-05	3.67E-03	4.76E-06	7.93E+00	1.03E-02
Michigan	Dickinson	26043	U	7-PAH	6.02E-08	7.81E-11	3.84E-01	4.98E-04	9.68E-03	1.26E-05	8.84E-04	1.15E-06	3.94E-01	5.12E-04
Michigan	Dickinson	26043	U	Propylene Dichloride	0.00E+00	0.00E+00	2.16E-03	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	2.81E-06
Michigan	Dickinson	26043	U	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.41E-08
Michigan	Dickinson	26043	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.82E-02	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02	2.36E-05
Michigan	Dickinson	26043	U	Trichloroethylene	0.00E+00	0.00E+00	7.35E-01	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-01	9.53E-04
Michigan	Dickinson	26043	U	Vinyl Chloride	0.00E+00	0.00E+00	4.52E-02	5.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	5.86E-05
Michigan	Eaton	26045	U	Acetaldehyde - Primary	1.44E-01	2.49E-04	7.53E-01	1.30E-03	9.99E+00	1.73E-02	1.29E+01	2.23E-02	2.38E+01	4.11E-02
Michigan	Eaton	26045	U	Acrolein - Primary	7.33E-02	1.27E-04	1.31E+00	2.27E-03	1.38E+00	2.38E-03	2.03E+00	3.51E-03	4.80E+00	8.28E-03
Michigan	Eaton	26045	U	Acrylonitrile	0.00E+00	0.00E+00	1.32E-01	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	2.28E-04
Michigan	Eaton	26045	U	Arsenic Compounds	1.04E-01	1.79E-04	2.56E-03	4.43E-06	4.86E-05	8.39E-08	1.23E-06	2.12E-09	1.06E-01	1.83E-04
Michigan	Eaton	26045	U	Benzene	3.28E-01	5.67E-04	4.40E+00	7.59E-03	6.61E+01	1.14E-01	1.37E+01	2.36E-02	8.45E+01	1.46E-01
Michigan	Eaton	26045	U	Beryllium Compounds	5.32E-03	9.18E-06	7.34E-04	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	1.05E-05
Michigan	Eaton	26045	U	1,3-Butadiene	0.00E+00	0.00E+00	7.27E-01	1.26E-03	8.11E+00	1.40E-02	1.81E+00	3.13E-03	1.07E+01	1.84E-02
Michigan	Eaton	26045	U	Cadmium Compounds	1.29E-02	2.23E-05	1.37E-03	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	2.46E-05
Michigan	Eaton	26045	U	Carbon Tetrachloride	0.00E+00	0.00E+00	2.19E-02	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-02	3.79E-05
Michigan	Eaton	26045	U	Chloroform	0.00E+00	0.00E+00	2.02E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-01	3.48E-04
Michigan	Eaton	26045	U	Chromium Compounds	6.57E-02	1.13E-04	1.16E-01	2.00E-04	2.62E-03	4.52E-06	9.12E-03	1.58E-05	1.93E-01	3.34E-04
Michigan	Eaton	26045	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
Michigan	Eaton	26045	U	1,3-Dichloropropene	0.00E+00	0.00E+00	7.95E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E+00	1.37E-02
Michigan	Eaton	26045	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+01	1.23E-01	9.65E+01	1.67E-01	1.68E+02	2.90E-01

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Eaton	26045	U	Ethylene Dibromide	0.00E+00	0.00E+00	7.82E-05	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	1.35E-07
Michigan	Eaton	26045	U	Ethylene Dichloride	1.01E-02	1.75E-05	1.54E-02	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-02	4.41E-05
Michigan	Eaton	26045	U	Ethylene Oxide	0.00E+00	0.00E+00	5.69E-02	9.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02	9.82E-05
Michigan	Eaton	26045	U	Formaldehyde - Primary	6.16E-02	1.06E-04	5.04E+00	8.70E-03	2.94E+01	5.07E-02	2.65E+01	4.57E-02	6.09E+01	1.05E-01
Michigan	Eaton	26045	U	Hexachlorobenzene	0.00E+00	0.00E+00	4.33E-05	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	7.48E-08
Michigan	Eaton	26045	U	Hydrazine	0.00E+00	0.00E+00	5.33E-06	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-06	9.20E-09
Michigan	Eaton	26045	U	Lead Compounds	1.06E-01	1.83E-04	7.16E-02	1.24E-04	3.69E-03	6.38E-06	0.00E+00	0.00E+00	1.81E-01	3.13E-04
Michigan	Eaton	26045	U	Manganese Compounds	1.24E-01	2.14E-04	1.40E-02	2.42E-05	1.13E-03	1.95E-06	1.03E-02	1.77E-05	1.49E-01	2.58E-04
Michigan	Eaton	26045	U	Mercury Compounds	2.81E-02	4.85E-05	5.20E-03	8.98E-06	3.69E-05	6.38E-08	2.47E-03	4.26E-06	3.58E-02	6.18E-05
Michigan	Eaton	26045	U	Methylene Chloride	7.33E-02	1.27E-04	1.47E+01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+01	2.56E-02
Michigan	Eaton	26045	U	Nickel Compounds	7.07E-02	1.22E-04	3.12E-02	5.39E-05	2.07E-03	3.58E-06	4.77E-03	8.25E-06	1.09E-01	1.88E-04
Michigan	Eaton	26045	U	Perchloroethylene	1.09E-02	1.88E-05	4.68E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+00	8.11E-03
Michigan	Eaton	26045	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Eaton	26045	U	Polycyclic Organic Matter	4.84E-03	8.36E-06	7.68E+00	1.33E-02	1.82E-02	3.14E-05	4.40E-03	7.60E-06	7.71E+00	1.33E-02
Michigan	Eaton	26045	U	7-PAH	9.86E-05	1.70E-07	1.53E-01	2.64E-04	8.07E-03	1.39E-05	2.04E-03	3.53E-06	1.63E-01	2.82E-04
Michigan	Eaton	26045	U	Propylene Dichloride	0.00E+00	0.00E+00	7.78E-03	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-03	1.34E-05
Michigan	Eaton	26045	U	Quinoline	0.00E+00	0.00E+00	1.27E-05	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	2.20E-08
Michigan	Eaton	26045	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	6.76E-02	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-02	1.17E-04
Michigan	Eaton	26045	U	Trichloroethylene	0.00E+00	0.00E+00	1.75E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00	3.03E-03
Michigan	Eaton	26045	U	Vinyl Chloride	0.00E+00	0.00E+00	2.17E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01	3.75E-04
Michigan	Emmet	26047	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.16E+00	6.71E-03	3.07E+00	6.52E-03	6.75E+00	1.43E-02	1.30E+01	2.76E-02
Michigan	Emmet	26047	R	Acrolein - Primary	0.00E+00	0.00E+00	3.42E+00	7.27E-03	5.69E-01	1.21E-03	1.36E+00	2.89E-03	5.35E+00	1.14E-02
Michigan	Emmet	26047	R	Acrylonitrile	0.00E+00	0.00E+00	9.33E-02	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02	1.98E-04
Michigan	Emmet	26047	R	Arsenic Compounds	0.00E+00	0.00E+00	1.90E-03	4.03E-06	5.99E-05	1.27E-07	3.43E-07	7.29E-10	1.96E-03	4.15E-06
Michigan	Emmet	26047	R	Benzene	0.00E+00	0.00E+00	9.73E+00	2.07E-02	1.93E+01	4.09E-02	4.38E+01	9.31E-02	7.28E+01	1.55E-01
Michigan	Emmet	26047	R	Beryllium Compounds	0.00E+00	0.00E+00	3.87E-04	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	8.22E-07
Michigan	Emmet	26047	R	1,3-Butadiene	0.00E+00	0.00E+00	3.12E+00	6.63E-03	2.40E+00	5.10E-03	4.48E+00	9.51E-03	1.00E+01	2.12E-02
Michigan	Emmet	26047	R	Cadmium Compounds	0.00E+00	0.00E+00	1.98E-03	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	4.20E-06
Michigan	Emmet	26047	R	Carbon Tetrachloride	0.00E+00	0.00E+00	8.68E-03	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-03	1.84E-05
Michigan	Emmet	26047	R	Chloroform	0.00E+00	0.00E+00	5.10E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02	1.08E-04
Michigan	Emmet	26047	R	Chromium Compounds	0.00E+00	0.00E+00	2.79E-03	5.93E-06	3.22E-03	6.85E-06	2.55E-03	5.42E-06	8.57E-03	1.82E-05
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
Michigan	Emmet	26047	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.22E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+00	4.71E-03
Michigan	Emmet	26047	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+01	5.23E-02	3.34E+01	7.09E-02	5.80E+01	1.23E-01
Michigan	Emmet	26047	R	Ethylene Dibromide	0.00E+00	0.00E+00	5.07E-05	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-05	1.08E-07
Michigan	Emmet	26047	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.12E-02	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	2.38E-05
Michigan	Emmet	26047	R	Ethylene Oxide	0.00E+00	0.00E+00	1.23E-01	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	2.62E-04
Michigan	Emmet	26047	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.00E+01	4.24E-02	9.07E+00	1.93E-02	1.44E+01	3.06E-02	4.34E+01	9.23E-02
Michigan	Emmet	26047	R	Hexachlorobenzene	0.00E+00	0.00E+00	5.89E-06	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-06	1.25E-08
Michigan	Emmet	26047	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
Michigan	Emmet	26047	R	Lead Compounds	0.00E+00	0.00E+00	2.48E-02	5.27E-05	4.55E-03	9.66E-06	1.94E-01	4.11E-04	2.23E-01	4.74E-04
Michigan	Emmet	26047	R	Manganese Compounds	0.00E+00	0.00E+00	2.84E-02	6.04E-05	1.39E-03	2.95E-06	2.87E-03	6.10E-06	3.27E-02	6.94E-05
Michigan	Emmet	26047	R	Mercury Compounds	0.00E+00	0.00E+00	1.46E-02	3.10E-05	4.55E-05	9.66E-08	6.90E-04	1.47E-06	1.53E-02	3.25E-05
Michigan	Emmet	26047	R	Methylene Chloride	0.00E+00	0.00E+00	4.70E+00	9.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E+00	9.97E-03
Michigan	Emmet	26047	R	Nickel Compounds	0.00E+00	0.00E+00	1.30E-02	2.77E-05	2.56E-03	5.43E-06	1.34E-03	2.84E-06	1.69E-02	3.59E-05
Michigan	Emmet	26047	R	Perchloroethylene	0.00E+00	0.00E+00	1.79E+00	3.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00	3.79E-03
Michigan	Emmet	26047	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	7.80E+00	1.66E-02	2.24E-02	4.75E-05	2.32E-02	4.92E-05	7.85E+00	1.67E-02

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Emmet	26047	R	7-PAH	0.00E+00	0.00E+00	2.54E-01	5.39E-04	9.94E-03	2.11E-05	1.09E-02	2.31E-05	2.75E-01	5.84E-04
Michigan	Emmet	26047	R	Propylene Dichloride	0.00E+00	0.00E+00	5.57E-03	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	1.18E-05
Michigan	Emmet	26047	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
Michigan	Emmet	26047	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	5.02E-02	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-02	1.07E-04
Michigan	Emmet	26047	R	Trichloroethylene	0.00E+00	0.00E+00	9.39E-01	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-01	1.99E-03
Michigan	Emmet	26047	R	Vinyl Chloride	0.00E+00	0.00E+00	1.24E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-01	2.63E-04
Michigan	Genesee	26049	U	Acetaldehyde - Primary	2.30E-04	3.57E-07	1.73E+00	2.68E-03	5.30E+01	8.21E-02	8.90E+01	1.38E-01	1.44E+02	2.23E-01
Michigan	Genesee	26049	U	Acrolein - Primary	1.17E-04	1.82E-07	3.16E+00	4.90E-03	9.02E+00	1.40E-02	1.49E+01	2.31E-02	2.71E+01	4.20E-02
Michigan	Genesee	26049	U	Acrylonitrile	1.89E+00	2.93E-03	5.11E-01	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+00	3.72E-03
Michigan	Genesee	26049	U	Arsenic Compounds	1.66E-04	2.57E-07	2.21E-02	3.43E-05	3.34E-04	5.18E-07	5.37E-06	8.32E-09	2.26E-02	3.51E-05
Michigan	Genesee	26049	U	Benzene	5.07E+00	7.86E-03	1.08E+01	1.67E-02	3.82E+02	5.92E-01	5.56E+02	8.62E-01	9.54E+02	1.48E+00
Michigan	Genesee	26049	U	Beryllium Compounds	8.48E-06	1.31E-08	9.87E-03	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-03	1.53E-05
Michigan	Genesee	26049	U	1,3-Butadiene	0.00E+00	0.00E+00	7.07E-01	1.10E-03	4.58E+01	7.09E-02	5.04E+01	7.81E-02	9.68E+01	1.50E-01
Michigan	Genesee	26049	U	Cadmium Compounds	2.06E-05	3.19E-08	1.83E-02	2.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-02	2.84E-05
Michigan	Genesee	26049	U	Carbon Tetrachloride	3.46E-03	5.37E-06	1.28E-01	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	2.04E-04
Michigan	Genesee	26049	U	Chloroform	2.02E-02	3.13E-05	9.36E-01	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-01	1.48E-03
Michigan	Genesee	26049	U	Chromium Compounds	3.01E-02	4.67E-05	1.33E-01	2.07E-04	1.80E-02	2.79E-05	3.99E-02	6.19E-05	2.21E-01	3.43E-04
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
Michigan	Genesee	26049	U	1,3-Dichloropropene	0.00E+00	0.00E+00	3.48E+01	5.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+01	5.40E-02
Michigan	Genesee	26049	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+02	4.64E-01	2.90E+02	4.50E-01	5.89E+02	9.14E-01
Michigan	Genesee	26049	U	Ethylene Dibromide	1.06E-03	1.64E-06	2.99E-04	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	2.10E-06
Michigan	Genesee	26049	U	Ethylene Dichloride	2.28E-01	3.54E-04	5.99E-02	9.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-01	4.47E-04
Michigan	Genesee	26049	U	Ethylene Oxide	0.00E+00	0.00E+00	6.48E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-01	1.00E-03
Michigan	Genesee	26049	U	Formaldehyde - Primary	9.70E-05	1.50E-07	1.18E+01	1.83E-02	1.54E+02	2.39E-01	1.68E+02	2.61E-01	3.34E+02	5.18E-01
Michigan	Genesee	26049	U	Hexachlorobenzene	0.00E+00	0.00E+00	2.95E-05	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	4.57E-08
Michigan	Genesee	26049	U	Hydrazine	0.00E+00	0.00E+00	1.90E-05	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	2.95E-08
Michigan	Genesee	26049	U	Lead Compounds	1.70E-04	2.63E-07	1.90E-01	2.94E-04	2.54E-02	3.94E-05	1.01E-01	1.56E-04	3.16E-01	4.90E-04
Michigan	Genesee	26049	U	Manganese Compounds	2.02E-02	3.13E-05	4.34E-01	6.72E-04	7.77E-03	1.20E-05	4.49E-02	6.96E-05	5.07E-01	7.85E-04
Michigan	Genesee	26049	U	Mercury Compounds	5.55E-04	8.60E-07	8.58E-02	1.33E-04	2.54E-04	3.94E-07	1.08E-02	1.67E-05	9.74E-02	1.51E-04
Michigan	Genesee	26049	U	Methylene Chloride	6.84E+00	1.06E-02	9.54E+01	1.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+02	1.58E-01
Michigan	Genesee	26049	U	Nickel Compounds	1.13E-04	1.75E-07	2.97E-01	4.60E-04	1.43E-02	2.21E-05	2.09E-02	3.24E-05	3.32E-01	5.14E-04
Michigan	Genesee	26049	U	Perchloroethylene	3.48E+00	5.40E-03	5.17E+01	8.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E+01	8.55E-02
Michigan	Genesee	26049	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	7.69E-06	1.19E-08	3.52E+01	5.45E-02	1.25E-01	1.94E-04	3.36E-01	5.21E-04	3.56E+01	5.52E-02
Michigan	Genesee	26049	U	7-PAH	1.57E-07	2.44E-10	6.17E-01	9.56E-04	5.55E-02	8.60E-05	1.73E-01	2.67E-04	8.45E-01	1.31E-03
Michigan	Genesee	26049	U	Propylene Dichloride	1.14E-01	1.77E-04	3.01E-02	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-01	2.24E-04
Michigan	Genesee	26049	U	Quinoline	0.00E+00	0.00E+00	4.54E-05	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	7.04E-08
Michigan	Genesee	26049	U	1,1,2,2-Tetrachloroethane	1.05E+00	1.63E-03	2.60E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00	2.03E-03
Michigan	Genesee	26049	U	Trichloroethylene	2.09E+00	3.23E-03	1.03E+01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+01	1.92E-02
Michigan	Genesee	26049	U	Vinyl Chloride	2.58E+00	4.00E-03	6.52E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+00	5.01E-03
Michigan	Gladwin	26051	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.26E+00	6.34E-03	3.08E+00	5.99E-03	3.23E+00	6.28E-03	9.57E+00	1.86E-02
Michigan	Gladwin	26051	R	Acrolein - Primary	0.00E+00	0.00E+00	3.52E+00	6.85E-03	5.37E-01	1.05E-03	5.09E-01	9.90E-04	4.57E+00	8.89E-03
Michigan	Gladwin	26051	R	Acrylonitrile	0.00E+00	0.00E+00	2.30E-01	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01	4.48E-04
Michigan	Gladwin	26051	R	Arsenic Compounds	0.00E+00	0.00E+00	1.17E-03	2.28E-06	5.29E-05	1.03E-07	3.03E-07	5.90E-10	1.23E-03	2.39E-06
Michigan	Gladwin	26051	R	Benzene	0.00E+00	0.00E+00	9.75E+00	1.90E-02	1.93E+01	3.75E-02	4.00E+00	7.78E-03	3.30E+01	6.43E-02
Michigan	Gladwin	26051	R	Beryllium Compounds	0.00E+00	0.00E+00	1.68E-04	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	3.27E-07
Michigan	Gladwin	26051	R	1,3-Butadiene	0.00E+00	0.00E+00	3.23E+00	6.29E-03	2.41E+00	4.68E-03	4.93E-01	9.60E-04	6.13E+00	1.19E-02
Michigan	Gladwin	26051	R	Cadmium Compounds	0.00E+00	0.00E+00	6.14E-04	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	1.19E-06

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Gladwin	26051	R	Carbon Tetrachloride	0.00E+00	0.00E+00	7.98E-03	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	1.55E-05
Michigan	Gladwin	26051	R	Chloroform	0.00E+00	0.00E+00	5.25E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02	1.02E-04
Michigan	Gladwin	26051	R	Chromium Compounds	0.00E+00	0.00E+00	1.23E-02	2.40E-05	2.85E-03	5.54E-06	2.25E-03	4.38E-06	1.74E-02	3.39E-05
Michigan	Gladwin	26051	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
Michigan	Gladwin	26051	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.96E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00	3.81E-03
Michigan	Gladwin	26051	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+01	4.83E-02	2.17E+01	4.22E-02	4.65E+01	9.05E-02
Michigan	Gladwin	26051	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.29E-04	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	2.51E-07
Michigan	Gladwin	26051	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.76E-02	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-02	5.38E-05
Michigan	Gladwin	26051	R	Ethylene Oxide	0.00E+00	0.00E+00	1.32E-02	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	2.57E-05
Michigan	Gladwin	26051	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.07E+01	4.02E-02	9.10E+00	1.77E-02	6.59E+00	1.28E-02	3.64E+01	7.08E-02
Michigan	Gladwin	26051	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.14E-05	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05	2.21E-08
Michigan	Gladwin	26051	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.48E-09
Michigan	Gladwin	26051	R	Lead Compounds	0.00E+00	0.00E+00	1.48E-02	2.88E-05	4.02E-03	7.82E-06	0.00E+00	0.00E+00	1.88E-02	3.66E-05
Michigan	Gladwin	26051	R	Manganese Compounds	0.00E+00	0.00E+00	1.92E-03	3.73E-06	1.23E-03	2.39E-06	2.54E-03	4.93E-06	5.68E-03	1.11E-05
Michigan	Gladwin	26051	R	Mercury Compounds	0.00E+00	0.00E+00	3.02E-03	5.87E-06	4.02E-05	7.82E-08	6.09E-04	1.19E-06	3.67E-03	7.13E-06
Michigan	Gladwin	26051	R	Methylene Chloride	0.00E+00	0.00E+00	4.17E+00	8.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E+00	8.12E-03
Michigan	Gladwin	26051	R	Nickel Compounds	0.00E+00	0.00E+00	9.02E-03	1.75E-05	2.26E-03	4.39E-06	1.18E-03	2.30E-06	1.25E-02	2.42E-05
Michigan	Gladwin	26051	R	Perchloroethylene	0.00E+00	0.00E+00	1.63E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00	3.17E-03
Michigan	Gladwin	26051	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Gladwin	26051	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.89E+00	1.34E-02	1.98E-02	3.85E-05	1.42E-03	2.77E-06	6.91E+00	1.34E-02
Michigan	Gladwin	26051	R	7-PAH	0.00E+00	0.00E+00	2.56E-01	4.98E-04	8.78E-03	1.71E-05	6.79E-04	1.32E-06	2.65E-01	5.16E-04
Michigan	Gladwin	26051	R	Propylene Dichloride	0.00E+00	0.00E+00	1.39E-02	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	2.70E-05
Michigan	Gladwin	26051	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	3.54E-09
Michigan	Gladwin	26051	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.26E-01	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-01	2.46E-04
Michigan	Gladwin	26051	R	Trichloroethylene	0.00E+00	0.00E+00	4.89E-01	9.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-01	9.52E-04
Michigan	Gladwin	26051	R	Vinyl Chloride	0.00E+00	0.00E+00	3.11E-01	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-01	6.06E-04
Michigan	Gogebic	26053	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.00E+01	8.83E-03	1.84E+00	1.62E-03	4.50E+00	3.97E-03	1.63E+01	1.44E-02
Michigan	Gogebic	26053	R	Acrolein - Primary	0.00E+00	0.00E+00	1.04E+01	9.21E-03	3.51E-01	3.10E-04	8.87E-01	7.83E-04	1.17E+01	1.03E-02
Michigan	Gogebic	26053	R	Acrylonitrile	0.00E+00	0.00E+00	1.21E-01	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	1.06E-04
Michigan	Gogebic	26053	R	Arsenic Compounds	0.00E+00	0.00E+00	1.72E-03	1.51E-06	3.79E-05	3.34E-08	2.17E-07	1.92E-10	1.75E-03	1.55E-06
Michigan	Gogebic	26053	R	Benzene	0.00E+00	0.00E+00	2.83E+01	2.50E-02	1.16E+01	1.02E-02	3.34E+01	2.95E-02	7.32E+01	6.47E-02
Michigan	Gogebic	26053	R	Beryllium Compounds	0.00E+00	0.00E+00	1.42E-04	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	1.26E-07
Michigan	Gogebic	26053	R	1,3-Butadiene	0.00E+00	0.00E+00	9.87E+00	8.72E-03	1.44E+00	1.27E-03	3.04E+00	2.68E-03	1.43E+01	1.27E-02
Michigan	Gogebic	26053	R	Cadmium Compounds	0.00E+00	0.00E+00	6.66E-04	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	5.88E-07
Michigan	Gogebic	26053	R	Carbon Tetrachloride	0.00E+00	0.00E+00	5.61E-03	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	4.95E-06
Michigan	Gogebic	26053	R	Chloroform	0.00E+00	0.00E+00	3.00E-02	2.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-02	2.65E-05
Michigan	Gogebic	26053	R	Chromium Compounds	0.00E+00	0.00E+00	2.87E-03	2.54E-06	2.04E-03	1.80E-06	1.61E-03	1.43E-06	6.53E-03	5.76E-06
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
Michigan	Gogebic	26053	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.40E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00	1.24E-03
Michigan	Gogebic	26053	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+01	1.29E-02	2.75E+01	2.43E-02	4.22E+01	3.72E-02
Michigan	Gogebic	26053	R	Ethylene Dibromide	0.00E+00	0.00E+00	6.65E-05	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-05	5.87E-08
Michigan	Gogebic	26053	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.46E-02	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	1.29E-05
Michigan	Gogebic	26053	R	Ethylene Oxide	0.00E+00	0.00E+00	2.46E-02	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	2.17E-05
Michigan	Gogebic	26053	R	Formaldehyde - Primary	0.00E+00	0.00E+00	6.31E+01	5.57E-02	5.43E+00	4.79E-03	9.18E+00	8.10E-03	7.77E+01	6.86E-02
Michigan	Gogebic	26053	R	Hexachlorobenzene	0.00E+00	0.00E+00	7.93E-07	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-07	7.00E-10
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
Michigan	Gogebic	26053	R	Lead Compounds	0.00E+00	0.00E+00	9.17E-03	8.10E-06	2.88E-03	2.54E-06	1.08E-01	9.50E-05	1.20E-01	1.06E-04
Michigan	Gogebic	26053	R	Manganese Compounds	0.00E+00	0.00E+00	1.21E-01	1.07E-04	8.80E-04	7.77E-07	1.82E-03	1.60E-06	1.24E-01	1.09E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Gogebic	26053	R	Mercury Compounds	0.00E+00	0.00E+00	2.18E-03	1.93E-06	2.88E-05	2.54E-08	4.37E-04	3.85E-07	2.65E-03	2.34E-06
Michigan	Gogebic	26053	R	Methylene Chloride	0.00E+00	0.00E+00	3.03E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00	2.68E-03
Michigan	Gogebic	26053	R	Nickel Compounds	0.00E+00	0.00E+00	7.81E-03	6.90E-06	1.62E-03	1.43E-06	8.45E-04	7.46E-07	1.03E-02	9.07E-06
Michigan	Gogebic	26053	R	Perchloroethylene	0.00E+00	0.00E+00	1.45E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00	1.28E-03
Michigan	Gogebic	26053	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.54E+00	5.77E-03	1.42E-02	1.25E-05	1.82E-02	1.61E-05	6.57E+00	5.80E-03
Michigan	Gogebic	26053	R	7-PAH	0.00E+00	0.00E+00	4.93E-01	4.35E-04	6.29E-03	5.55E-06	8.81E-03	7.78E-06	5.08E-01	4.48E-04
Michigan	Gogebic	26053	R	Propylene Dichloride	0.00E+00	0.00E+00	7.25E-03	6.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-03	6.40E-06
Michigan	Gogebic	26053	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
Michigan	Gogebic	26053	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	6.59E-02	5.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02	5.82E-05
Michigan	Gogebic	26053	R	Trichloroethylene	0.00E+00	0.00E+00	4.97E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-01	4.39E-04
Michigan	Gogebic	26053	R	Vinyl Chloride	0.00E+00	0.00E+00	1.62E-01	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-01	1.43E-04
Michigan	Grand Traverse	26055	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.51E+00	5.32E-03	7.95E+00	1.68E-02	1.88E+01	3.98E-02	2.93E+01	6.20E-02
Michigan	Grand Traverse	26055	R	Acrolein - Primary	0.00E+00	0.00E+00	2.96E+00	6.28E-03	1.47E+00	3.12E-03	3.66E+00	7.75E-03	8.09E+00	1.71E-02
Michigan	Grand Traverse	26055	R	Acrylonitrile	0.00E+00	0.00E+00	1.52E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01	3.21E-04
Michigan	Grand Traverse	26055	R	Arsenic Compounds	0.00E+00	0.00E+00	4.22E-03	8.93E-06	1.55E-04	3.28E-07	8.88E-07	1.88E-09	4.37E-03	9.26E-06
Michigan	Grand Traverse	26055	R	Benzene	0.00E+00	0.00E+00	2.46E+01	5.20E-02	4.99E+01	1.06E-01	1.33E+02	2.81E-01	2.07E+02	4.39E-01
Michigan	Grand Traverse	26055	R	Beryllium Compounds	0.00E+00	0.00E+00	7.12E-04	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	1.51E-06
Michigan	Grand Traverse	26055	R	1,3-Butadiene	0.00E+00	0.00E+00	2.46E+00	5.21E-03	6.21E+00	1.32E-02	1.28E+01	2.70E-02	2.14E+01	4.54E-02
Michigan	Grand Traverse	26055	R	Cadmium Compounds	0.00E+00	0.00E+00	2.89E-03	6.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	6.12E-06
Michigan	Grand Traverse	26055	R	Carbon Tetrachloride	0.00E+00	0.00E+00	2.13E-02	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-02	4.51E-05
Michigan	Grand Traverse	26055	R	Chloroform	0.00E+00	0.00E+00	1.52E-01	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01	3.21E-04
Michigan	Grand Traverse	26055	R	Chromium Compounds	0.00E+00	0.00E+00	1.64E-02	3.48E-05	8.34E-03	1.77E-05	6.60E-03	1.40E-05	3.14E-02	6.65E-05
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
Michigan	Grand Traverse	26055	R	1,3-Dichloropropene	0.00E+00	0.00E+00	5.75E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+00	1.22E-02
Michigan	Grand Traverse	26055	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E+01	1.35E-01	8.30E+01	1.76E-01	1.47E+02	3.11E-01
Michigan	Grand Traverse	26055	R	Ethylene Dibromide	0.00E+00	0.00E+00	8.08E-05	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	1.71E-07
Michigan	Grand Traverse	26055	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.78E-02	3.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02	3.78E-05
Michigan	Grand Traverse	26055	R	Ethylene Oxide	0.00E+00	0.00E+00	2.67E-01	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01	5.65E-04
Michigan	Grand Traverse	26055	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.63E+01	3.45E-02	2.35E+01	4.97E-02	3.75E+01	7.94E-02	7.72E+01	1.64E-01
Michigan	Grand Traverse	26055	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.15E-05	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	2.44E-08
Michigan	Grand Traverse	26055	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
Michigan	Grand Traverse	26055	R	Lead Compounds	0.00E+00	0.00E+00	4.55E-02	9.63E-05	1.18E-02	2.49E-05	4.00E-01	8.47E-04	4.57E-01	9.69E-04
Michigan	Grand Traverse	26055	R	Manganese Compounds	0.00E+00	0.00E+00	6.98E-03	1.48E-05	3.60E-03	7.62E-06	7.43E-03	1.57E-05	1.80E-02	3.81E-05
Michigan	Grand Traverse	26055	R	Mercury Compounds	0.00E+00	0.00E+00	1.81E-02	3.84E-05	1.18E-04	2.49E-07	1.79E-03	3.78E-06	2.00E-02	4.24E-05
Michigan	Grand Traverse	26055	R	Methylene Chloride	0.00E+00	0.00E+00	1.22E+01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+01	2.59E-02
Michigan	Grand Traverse	26055	R	Nickel Compounds	0.00E+00	0.00E+00	3.66E-02	7.76E-05	6.61E-03	1.40E-05	3.46E-03	7.32E-06	4.67E-02	9.89E-05
Michigan	Grand Traverse	26055	R	Perchloroethylene	0.00E+00	0.00E+00	1.10E+01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+01	2.32E-02
Michigan	Grand Traverse	26055	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.90E+01	4.02E-02	5.79E-02	1.23E-04	8.18E-02	1.73E-04	1.91E+01	4.05E-02
Michigan	Grand Traverse	26055	R	7-PAH	0.00E+00	0.00E+00	4.80E-01	1.02E-03	2.57E-02	5.45E-05	4.00E-02	8.48E-05	5.46E-01	1.16E-03
Michigan	Grand Traverse	26055	R	Propylene Dichloride	0.00E+00	0.00E+00	8.96E-03	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-03	1.90E-05
Michigan	Grand Traverse	26055	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
Michigan	Grand Traverse	26055	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.02E-02	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-02	1.70E-04
Michigan	Grand Traverse	26055	R	Trichloroethylene	0.00E+00	0.00E+00	2.69E+00	5.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+00	5.69E-03
Michigan	Grand Traverse	26055	R	Vinyl Chloride	0.00E+00	0.00E+00	1.97E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-01	4.18E-04
Michigan	Gratiot	26057	R	Acetaldehyde - Primary	8.45E-02	1.47E-04	4.54E-01	7.92E-04	3.81E+00	6.64E-03	5.16E+00	9.00E-03	9.51E+00	1.66E-02
Michigan	Gratiot	26057	R	Acrolein - Primary	0.00E+00	0.00E+00	6.74E-01	1.18E-03	7.61E-01	1.33E-03	8.12E-01	1.42E-03	2.25E+00	3.92E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Gratiot	26057	R	Acrylonitrile	0.00E+00	0.00E+00	7.88E-02	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-02	1.37E-04
Michigan	Gratiot	26057	R	Arsenic Compounds	2.87E-03	5.01E-06	1.16E-03	2.02E-06	8.58E-05	1.50E-07	4.92E-07	8.58E-10	4.12E-03	7.18E-06
Michigan	Gratiot	26057	R	Benzene	1.70E+01	2.96E-02	4.96E+00	8.65E-03	2.40E+01	4.18E-02	5.26E+00	9.17E-03	5.12E+01	8.92E-02
Michigan	Gratiot	26057	R	Beryllium Compounds	1.69E-04	2.95E-07	3.19E-04	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	8.51E-07
Michigan	Gratiot	26057	R	1,3-Butadiene	8.45E-05	1.47E-07	4.33E-01	7.54E-04	2.99E+00	5.20E-03	6.99E-01	1.22E-03	4.12E+00	7.18E-03
Michigan	Gratiot	26057	R	Cadmium Compounds	4.73E-03	8.25E-06	1.43E-03	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03	1.07E-05
Michigan	Gratiot	26057	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.10E-02	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	1.91E-05
Michigan	Gratiot	26057	R	Chloroform	0.00E+00	0.00E+00	7.10E-02	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02	1.24E-04
Michigan	Gratiot	26057	R	Chromium Compounds	2.57E-02	4.48E-05	1.29E-03	2.25E-06	4.62E-03	8.05E-06	3.66E-03	6.38E-06	3.52E-02	6.15E-05
Michigan	Gratiot	26057	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
Michigan	Gratiot	26057	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.18E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+00	5.54E-03
Michigan	Gratiot	26057	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+01	5.29E-02	6.11E+01	1.07E-01	9.14E+01	1.59E-01
Michigan	Gratiot	26057	R	Ethylene Dibromide	0.00E+00	0.00E+00	5.03E-05	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	8.77E-08
Michigan	Gratiot	26057	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.04E-02	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	1.82E-05
Michigan	Gratiot	26057	R	Ethylene Oxide	0.00E+00	0.00E+00	5.34E-02	9.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-02	9.31E-05
Michigan	Gratiot	26057	R	Formaldehyde - Primary	1.61E+00	2.80E-03	3.08E+00	5.37E-03	1.12E+01	1.96E-02	1.06E+01	1.84E-02	2.65E+01	4.62E-02
Michigan	Gratiot	26057	R	Hexachlorobenzene	0.00E+00	0.00E+00	5.74E-05	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	1.00E-07
Michigan	Gratiot	26057	R	Hydrazine	0.00E+00	0.00E+00	4.57E-06	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	7.96E-09
Michigan	Gratiot	26057	R	Lead Compounds	1.39E-02	2.42E-05	2.46E-02	4.29E-05	6.52E-03	1.14E-05	0.00E+00	0.00E+00	4.50E-02	7.84E-05
Michigan	Gratiot	26057	R	Manganese Compounds	3.34E-02	5.83E-05	1.98E-03	3.46E-06	1.99E-03	3.48E-06	4.12E-03	7.18E-06	4.15E-02	7.24E-05
Michigan	Gratiot	26057	R	Mercury Compounds	1.01E-03	1.77E-06	1.10E-02	1.92E-05	6.52E-05	1.14E-07	9.89E-04	1.72E-06	1.31E-02	2.28E-05
Michigan	Gratiot	26057	R	Methylene Chloride	0.00E+00	0.00E+00	6.19E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E+00	1.08E-02
Michigan	Gratiot	26057	R	Nickel Compounds	7.26E-02	1.27E-04	1.56E-02	2.71E-05	3.66E-03	6.38E-06	1.91E-03	3.34E-06	9.38E-02	1.64E-04
Michigan	Gratiot	26057	R	Perchloroethylene	0.00E+00	0.00E+00	2.81E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+00	4.89E-03
Michigan	Gratiot	26057	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Gratiot	26057	R	Polycyclic Organic Matter	2.11E+00	3.68E-03	3.35E+00	5.85E-03	3.21E-02	5.59E-05	1.62E-03	2.83E-06	5.50E+00	9.59E-03
Michigan	Gratiot	26057	R	7-PAH	0.00E+00	0.00E+00	6.42E-02	1.12E-04	1.42E-02	2.48E-05	7.45E-04	1.30E-06	7.92E-02	1.38E-04
Michigan	Gratiot	26057	R	Propylene Dichloride	0.00E+00	0.00E+00	4.72E-03	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	8.23E-06
Michigan	Gratiot	26057	R	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.90E-08
Michigan	Gratiot	26057	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	4.13E-02	7.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-02	7.20E-05
Michigan	Gratiot	26057	R	Trichloroethylene	0.00E+00	0.00E+00	9.25E-01	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-01	1.61E-03
Michigan	Gratiot	26057	R	Vinyl Chloride	0.00E+00	0.00E+00	1.02E-01	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	1.78E-04
Michigan	Hillsdale	26059	R	Acetaldehyde - Primary	2.77E-02	4.56E-05	7.38E-01	1.21E-03	5.68E+00	9.35E-03	6.00E+00	9.88E-03	1.24E+01	2.05E-02
Michigan	Hillsdale	26059	R	Acrolein - Primary	1.41E-02	2.32E-05	9.05E-01	1.49E-03	9.98E-01	1.64E-03	9.46E-01	1.56E-03	2.86E+00	4.71E-03
Michigan	Hillsdale	26059	R	Acrylonitrile	0.00E+00	0.00E+00	2.59E-01	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01	4.27E-04
Michigan	Hillsdale	26059	R	Arsenic Compounds	1.99E-02	3.28E-05	1.48E-03	2.43E-06	9.86E-05	1.62E-07	5.65E-07	9.31E-10	2.15E-02	3.54E-05
Michigan	Hillsdale	26059	R	Benzene	6.32E-02	1.04E-04	6.08E+00	1.00E-02	3.56E+01	5.86E-02	7.17E+00	1.18E-02	4.89E+01	8.05E-02
Michigan	Hillsdale	26059	R	Beryllium Compounds	1.04E-03	1.71E-06	3.74E-04	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	2.32E-06
Michigan	Hillsdale	26059	R	1,3-Butadiene	0.00E+00	0.00E+00	6.25E-01	1.03E-03	4.44E+00	7.31E-03	9.37E-01	1.54E-03	6.00E+00	9.88E-03
Michigan	Hillsdale	26059	R	Cadmium Compounds	2.49E-03	4.11E-06	6.49E-04	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	5.17E-06
Michigan	Hillsdale	26059	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.18E-02	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	1.95E-05
Michigan	Hillsdale	26059	R	Chloroform	0.00E+00	0.00E+00	9.33E-02	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02	1.54E-04
Michigan	Hillsdale	26059	R	Chromium Compounds	1.26E-02	2.08E-05	1.44E-03	2.37E-06	5.31E-03	8.74E-06	4.20E-03	6.92E-06	2.36E-02	3.89E-05
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
Michigan	Hillsdale	26059	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.66E+00	6.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E+00	6.03E-03
Michigan	Hillsdale	26059	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+01	7.51E-02	5.73E+01	9.43E-02	1.03E+02	1.69E-01
Michigan	Hillsdale	26059	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.67E-04	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	2.75E-07
Michigan	Hillsdale	26059	R	Ethylene Dichloride	1.94E-03	3.20E-06	3.25E-02	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-02	5.67E-05

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Hillsdale	26059	R	Ethylene Oxide	0.00E+00	0.00E+00	2.65E-02	4.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02	4.37E-05
Michigan	Hillsdale	26059	R	Formaldehyde - Primary	1.30E-02	2.14E-05	5.28E+00	8.69E-03	1.68E+01	2.76E-02	1.23E+01	2.03E-02	3.44E+01	5.66E-02
Michigan	Hillsdale	26059	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.54E-05	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	7.47E-08
Michigan	Hillsdale	26059	R	Hydrazine	0.00E+00	0.00E+00	1.33E-05	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	2.19E-08
Michigan	Hillsdale	26059	R	Lead Compounds	2.05E-02	3.37E-05	1.16E-02	1.91E-05	7.49E-03	1.23E-05	0.00E+00	0.00E+00	3.96E-02	6.51E-05
Michigan	Hillsdale	26059	R	Manganese Compounds	2.38E-02	3.92E-05	2.67E-03	4.40E-06	2.29E-03	3.77E-06	4.73E-03	7.79E-06	3.35E-02	5.52E-05
Michigan	Hillsdale	26059	R	Mercury Compounds	1.44E-02	2.38E-05	1.41E-03	2.31E-06	7.49E-05	1.23E-07	1.14E-03	1.87E-06	1.71E-02	2.81E-05
Michigan	Hillsdale	26059	R	Methylene Chloride	1.41E-02	2.32E-05	7.32E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E+00	1.21E-02
Michigan	Hillsdale	26059	R	Nickel Compounds	1.36E-02	2.24E-05	3.45E-02	5.69E-05	4.21E-03	6.93E-06	2.20E-03	3.62E-06	5.46E-02	8.98E-05
Michigan	Hillsdale	26059	R	Perchloroethylene	2.09E-03	3.44E-06	6.09E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+00	1.00E-02
Michigan	Hillsdale	26059	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	9.73E-04	1.60E-06	3.82E+00	6.28E-03	3.69E-02	6.07E-05	2.34E-03	3.86E-06	3.86E+00	6.35E-03
Michigan	Hillsdale	26059	R	7-PAH	1.94E-05	3.19E-08	8.34E-02	1.37E-04	1.64E-02	2.69E-05	1.10E-03	1.82E-06	1.01E-01	1.66E-04
Michigan	Hillsdale	26059	R	Propylene Dichloride	0.00E+00	0.00E+00	1.58E-02	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	2.60E-05
Michigan	Hillsdale	26059	R	Quinoline	0.00E+00	0.00E+00	3.18E-05	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	5.24E-08
Michigan	Hillsdale	26059	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.41E-01	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	2.32E-04
Michigan	Hillsdale	26059	R	Trichloroethylene	0.00E+00	0.00E+00	1.01E+01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01	1.67E-02
Michigan	Hillsdale	26059	R	Vinyl Chloride	0.00E+00	0.00E+00	3.47E-01	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01	5.72E-04
Michigan	Houghton	26061	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	8.44E+00	8.51E-03	3.82E+00	3.85E-03	7.64E+00	7.70E-03	1.99E+01	2.01E-02
Michigan	Houghton	26061	R	Acrolein - Primary	0.00E+00	0.00E+00	8.91E+00	8.99E-03	7.24E-01	7.30E-04	1.48E+00	1.49E-03	1.11E+01	1.12E-02
Michigan	Houghton	26061	R	Acrylonitrile	0.00E+00	0.00E+00	5.19E-01	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-01	5.24E-04
Michigan	Houghton	26061	R	Arsenic Compounds	0.00E+00	0.00E+00	3.11E-03	3.14E-06	7.75E-05	7.82E-08	4.45E-07	4.49E-10	3.19E-03	3.22E-06
Michigan	Houghton	26061	R	Benzene	0.00E+00	0.00E+00	2.52E+01	2.54E-02	2.40E+01	2.42E-02	4.45E+01	4.49E-02	9.37E+01	9.45E-02
Michigan	Houghton	26061	R	Beryllium Compounds	0.00E+00	0.00E+00	2.72E-04	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	2.74E-07
Michigan	Houghton	26061	R	1,3-Butadiene	0.00E+00	0.00E+00	8.33E+00	8.40E-03	2.99E+00	3.02E-03	4.12E+00	4.16E-03	1.54E+01	1.56E-02
Michigan	Houghton	26061	R	Cadmium Compounds	0.00E+00	0.00E+00	1.28E-03	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	1.29E-06
Michigan	Houghton	26061	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.15E-02	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	1.16E-05
Michigan	Houghton	26061	R	Chloroform	0.00E+00	0.00E+00	7.56E-02	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-02	7.62E-05
Michigan	Houghton	26061	R	Chromium Compounds	0.00E+00	0.00E+00	5.28E-03	5.33E-06	4.17E-03	4.21E-06	3.30E-03	3.33E-06	1.28E-02	1.29E-05
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
Michigan	Houghton	26061	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.88E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00	2.91E-03
Michigan	Houghton	26061	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E+01	3.08E-02	5.10E+01	5.15E-02	8.16E+01	8.23E-02
Michigan	Houghton	26061	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.91E-04	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	2.94E-07
Michigan	Houghton	26061	R	Ethylene Dichloride	0.00E+00	0.00E+00	6.26E-02	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-02	6.32E-05
Michigan	Houghton	26061	R	Ethylene Oxide	0.00E+00	0.00E+00	5.31E-02	5.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	5.36E-05
Michigan	Houghton	26061	R	Formaldehyde - Primary	0.00E+00	0.00E+00	5.34E+01	5.38E-02	1.13E+01	1.14E-02	1.57E+01	1.59E-02	8.04E+01	8.11E-02
Michigan	Houghton	26061	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.75E-06	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-06	3.78E-09
Michigan	Houghton	26061	R	Hydrazine	0.00E+00	0.00E+00	1.52E-06	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	1.54E-09
Michigan	Houghton	26061	R	Lead Compounds	0.00E+00	0.00E+00	1.98E-02	2.00E-05	5.89E-03	5.94E-06	1.74E-01	1.76E-04	2.00E-01	2.02E-04
Michigan	Houghton	26061	R	Manganese Compounds	0.00E+00	0.00E+00	2.13E-01	2.15E-04	1.80E-03	1.82E-06	3.72E-03	3.75E-06	2.19E-01	2.21E-04
Michigan	Houghton	26061	R	Mercury Compounds	0.00E+00	0.00E+00	4.86E-03	4.91E-06	5.89E-05	5.94E-08	8.93E-04	9.01E-07	5.82E-03	5.87E-06
Michigan	Houghton	26061	R	Methylene Chloride	0.00E+00	0.00E+00	7.16E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E+00	7.22E-03
Michigan	Houghton	26061	R	Nickel Compounds	0.00E+00	0.00E+00	1.03E-02	1.04E-05	3.31E-03	3.34E-06	1.73E-03	1.74E-06	1.54E-02	1.55E-05
Michigan	Houghton	26061	R	Perchloroethylene	0.00E+00	0.00E+00	2.80E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E+00	2.82E-03
Michigan	Houghton	26061	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.05E+01	1.06E-02	2.90E-02	2.92E-05	2.44E-02	2.46E-05	1.05E+01	1.06E-02
Michigan	Houghton	26061	R	7-PAH	0.00E+00	0.00E+00	5.15E-01	5.20E-04	1.29E-02	1.30E-05	1.16E-02	1.17E-05	5.40E-01	5.44E-04
Michigan	Houghton	26061	R	Propylene Dichloride	0.00E+00	0.00E+00	3.14E-02	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02	3.16E-05

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Houghton	26061	R	Quinoline	0.00E+00	0.00E+00	3.64E-06	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-06	3.67E-09
Michigan	Houghton	26061	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.86E-01	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-01	2.89E-04
Michigan	Houghton	26061	R	Trichloroethylene	0.00E+00	0.00E+00	1.28E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00	1.29E-03
Michigan	Houghton	26061	R	Vinyl Chloride	0.00E+00	0.00E+00	7.04E-01	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-01	7.11E-04
Michigan	Huron	26063	R	Acetaldehyde - Primary	2.99E-02	3.53E-05	9.13E-01	1.08E-03	5.04E+00	5.94E-03	1.68E+01	1.98E-02	2.27E+01	2.68E-02
Michigan	Huron	26063	R	Acrolein - Primary	1.52E-02	1.80E-05	1.11E+00	1.31E-03	8.32E-01	9.82E-04	2.93E+00	3.46E-03	4.89E+00	5.77E-03
Michigan	Huron	26063	R	Acrylonitrile	0.00E+00	0.00E+00	5.17E-01	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-01	6.10E-04
Michigan	Huron	26063	R	Arsenic Compounds	2.16E-02	2.55E-05	1.47E-03	1.73E-06	7.58E-05	8.94E-08	4.35E-07	5.13E-10	2.32E-02	2.73E-05
Michigan	Huron	26063	R	Benzene	6.83E-02	8.05E-05	8.31E+00	9.80E-03	3.15E+01	3.72E-02	2.05E+02	2.42E-01	2.45E+02	2.89E-01
Michigan	Huron	26063	R	Beryllium Compounds	1.17E-03	1.38E-06	5.60E-04	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	2.04E-06
Michigan	Huron	26063	R	1,3-Butadiene	0.00E+00	0.00E+00	8.79E-01	1.04E-03	3.93E+00	4.64E-03	1.74E+01	2.05E-02	2.22E+01	2.62E-02
Michigan	Huron	26063	R	Cadmium Compounds	2.75E-03	3.24E-06	1.21E-03	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	4.66E-06
Michigan	Huron	26063	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.17E-02	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	1.38E-05
Michigan	Huron	26063	R	Chloroform	0.00E+00	0.00E+00	6.57E-02	7.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-02	7.75E-05
Michigan	Huron	26063	R	Chromium Compounds	1.37E-02	1.62E-05	1.42E-03	1.67E-06	4.08E-03	4.82E-06	3.23E-03	3.81E-06	2.24E-02	2.65E-05
Michigan	Huron	26063	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
Michigan	Huron	26063	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.81E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+00	3.32E-03
Michigan	Huron	26063	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E+01	4.79E-02	1.08E+02	1.28E-01	1.49E+02	1.76E-01
Michigan	Huron	26063	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.96E-04	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	3.49E-07
Michigan	Huron	26063	R	Ethylene Dichloride	2.10E-03	2.48E-06	6.38E-02	7.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02	7.78E-05
Michigan	Huron	26063	R	Ethylene Oxide	0.00E+00	0.00E+00	4.53E-02	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	5.35E-05
Michigan	Huron	26063	R	Formaldehyde - Primary	1.80E-02	2.13E-05	5.78E+00	6.82E-03	1.49E+01	1.76E-02	2.97E+01	3.50E-02	5.04E+01	5.94E-02
Michigan	Huron	26063	R	Hexachlorobenzene	0.00E+00	0.00E+00	8.82E-05	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05	1.04E-07
Michigan	Huron	26063	R	Hydrazine	0.00E+00	0.00E+00	4.57E-06	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	5.39E-09
Michigan	Huron	26063	R	Lead Compounds	2.22E-02	2.62E-05	1.52E-02	1.80E-05	5.76E-03	6.80E-06	0.00E+00	0.00E+00	4.32E-02	5.10E-05
Michigan	Huron	26063	R	Manganese Compounds	2.59E-02	3.05E-05	2.47E-03	2.91E-06	1.76E-03	2.08E-06	3.64E-03	4.29E-06	3.37E-02	3.98E-05
Michigan	Huron	26063	R	Mercury Compounds	7.47E-03	8.82E-06	6.26E-03	7.38E-06	5.76E-05	6.80E-08	8.74E-04	1.03E-06	1.47E-02	1.73E-05
Michigan	Huron	26063	R	Methylene Chloride	1.52E-02	1.80E-05	6.86E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E+00	8.11E-03
Michigan	Huron	26063	R	Nickel Compounds	1.48E-02	1.74E-05	1.38E-02	1.63E-05	3.24E-03	3.82E-06	1.69E-03	2.00E-06	3.35E-02	3.96E-05
Michigan	Huron	26063	R	Perchloroethylene	2.26E-03	2.66E-06	4.78E+00	5.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E+00	5.65E-03
Michigan	Huron	26063	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Huron	26063	R	Polycyclic Organic Matter	1.20E-03	1.41E-06	3.14E+00	3.70E-03	2.83E-02	3.34E-05	1.17E-01	1.38E-04	3.29E+00	3.88E-03
Michigan	Huron	26063	R	7-PAH	2.23E-05	2.64E-08	6.81E-02	8.04E-05	1.26E-02	1.48E-05	6.08E-02	7.17E-05	1.42E-01	1.67E-04
Michigan	Huron	26063	R	Propylene Dichloride	0.00E+00	0.00E+00	3.13E-02	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-02	3.69E-05
Michigan	Huron	26063	R	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.29E-08
Michigan	Huron	26063	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.85E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-01	3.36E-04
Michigan	Huron	26063	R	Trichloroethylene	0.00E+00	0.00E+00	1.09E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00	1.28E-03
Michigan	Huron	26063	R	Vinyl Chloride	0.00E+00	0.00E+00	7.01E-01	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-01	8.27E-04
Michigan	Ingham	26065	U	Acetaldehyde - Primary	1.02E-01	1.83E-04	1.06E+00	1.89E-03	2.86E+01	5.13E-02	4.00E+01	7.16E-02	6.98E+01	1.25E-01
Michigan	Ingham	26065	U	Acrolein - Primary	5.19E-02	9.30E-05	2.29E+00	4.09E-03	4.85E+00	8.68E-03	6.36E+00	1.14E-02	1.35E+01	2.42E-02
Michigan	Ingham	26065	U	Acrylonitrile	0.00E+00	0.00E+00	1.04E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00	1.86E-03
Michigan	Ingham	26065	U	Arsenic Compounds	7.35E-02	1.32E-04	9.30E-03	1.66E-05	1.39E-04	2.49E-07	3.51E-06	6.29E-09	8.30E-02	1.49E-04
Michigan	Ingham	26065	U	Benzene	3.58E-01	6.41E-04	1.60E+01	2.87E-02	2.09E+02	3.74E-01	8.40E+01	1.50E-01	3.09E+02	5.53E-01
Michigan	Ingham	26065	U	Beryllium Compounds	3.83E-03	6.86E-06	2.64E-03	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03	1.16E-05
Michigan	Ingham	26065	U	1,3-Butadiene	0.00E+00	0.00E+00	6.82E-01	1.22E-03	2.49E+01	4.46E-02	1.07E+01	1.91E-02	3.63E+01	6.50E-02
Michigan	Ingham	26065	U	Cadmium Compounds	9.21E-03	1.65E-05	1.25E-02	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	3.89E-05
Michigan	Ingham	26065	U	Carbon Tetrachloride	0.00E+00	0.00E+00	8.72E-02	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-02	1.56E-04
Michigan	Ingham	26065	U	Chloroform	0.00E+00	0.00E+00	6.22E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-01	1.11E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Ingham	26065	U	Chromium Compounds	4.66E-02	8.35E-05	1.23E-01	2.19E-04	7.49E-03	1.34E-05	2.61E-02	4.67E-05	2.03E-01	3.63E-04
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
Michigan	Ingham	26065	U	1,3-Dichloropropene	0.00E+00	0.00E+00	2.28E+01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+01	4.08E-02
Michigan	Ingham	26065	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+02	2.79E-01	2.36E+02	4.23E-01	3.92E+02	7.01E-01
Michigan	Ingham	26065	U	Ethylene Dibromide	0.00E+00	0.00E+00	6.14E-04	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	1.10E-06
Michigan	Ingham	26065	U	Ethylene Dichloride	7.16E-03	1.28E-05	1.26E-01	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-01	2.38E-04
Michigan	Ingham	26065	U	Ethylene Oxide	0.00E+00	0.00E+00	5.29E-01	9.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-01	9.46E-04
Michigan	Ingham	26065	U	Formaldehyde - Primary	4.86E-02	8.71E-05	9.51E+00	1.70E-02	8.34E+01	1.49E-01	8.24E+01	1.48E-01	1.75E+02	3.14E-01
Michigan	Ingham	26065	U	Hexachlorobenzene	0.00E+00	0.00E+00	4.01E-05	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	7.18E-08
Michigan	Ingham	26065	U	Hydrazine	0.00E+00	0.00E+00	2.40E-05	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	4.29E-08
Michigan	Ingham	26065	U	Lead Compounds	7.54E-02	1.35E-04	3.79E-01	6.78E-04	1.06E-02	1.89E-05	0.00E+00	0.00E+00	4.65E-01	8.32E-04
Michigan	Ingham	26065	U	Manganese Compounds	8.79E-02	1.57E-04	2.56E-01	4.58E-04	3.23E-03	5.79E-06	2.94E-02	5.26E-05	3.76E-01	6.73E-04
Michigan	Ingham	26065	U	Mercury Compounds	2.89E-02	5.17E-05	6.30E-02	1.13E-04	1.06E-04	1.89E-07	7.06E-03	1.26E-05	9.90E-02	1.77E-04
Michigan	Ingham	26065	U	Methylene Chloride	5.19E-02	9.30E-05	1.11E+02	1.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+02	1.99E-01
Michigan	Ingham	26065	U	Nickel Compounds	5.02E-02	8.99E-05	3.85E-01	6.88E-04	5.94E-03	1.06E-05	1.37E-02	2.45E-05	4.54E-01	8.13E-04
Michigan	Ingham	26065	U	Perchloroethylene	7.70E-03	1.38E-05	3.84E+01	6.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+01	6.87E-02
Michigan	Ingham	26065	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	3.61E-03	6.47E-06	2.24E+01	4.01E-02	5.20E-02	9.31E-05	3.32E-02	5.95E-05	2.25E+01	4.03E-02
Michigan	Ingham	26065	U	7-PAH	7.17E-05	1.28E-07	4.17E-01	7.46E-04	2.31E-02	4.13E-05	1.66E-02	2.96E-05	4.56E-01	8.17E-04
Michigan	Ingham	26065	U	Propylene Dichloride	0.00E+00	0.00E+00	6.29E-02	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02	1.13E-04
Michigan	Ingham	26065	U	Quinoline	0.00E+00	0.00E+00	5.73E-05	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	1.03E-07
Michigan	Ingham	26065	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	5.64E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-01	1.01E-03
Michigan	Ingham	26065	U	Trichloroethylene	0.00E+00	0.00E+00	1.01E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01	1.81E-02
Michigan	Ingham	26065	U	Vinyl Chloride	0.00E+00	0.00E+00	1.40E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00	2.50E-03
Michigan	Ionia	26067	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	7.03E-01	1.21E-03	6.69E+00	1.15E-02	7.83E+00	1.35E-02	1.52E+01	2.63E-02
Michigan	Ionia	26067	R	Acrolein - Primary	0.00E+00	0.00E+00	1.03E+00	1.78E-03	1.24E+00	2.14E-03	1.23E+00	2.13E-03	3.50E+00	6.05E-03
Michigan	Ionia	26067	R	Acrylonitrile	0.00E+00	0.00E+00	6.11E-02	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-02	1.06E-04
Michigan	Ionia	26067	R	Arsenic Compounds	0.00E+00	0.00E+00	1.50E-03	2.60E-06	1.30E-04	2.24E-07	7.44E-07	1.29E-09	1.63E-03	2.82E-06
Michigan	Ionia	26067	R	Benzene	0.00E+00	0.00E+00	2.83E+00	4.89E-03	4.20E+01	7.26E-02	8.27E+00	1.43E-02	5.31E+01	9.17E-02
Michigan	Ionia	26067	R	Beryllium Compounds	0.00E+00	0.00E+00	4.33E-04	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	7.48E-07
Michigan	Ionia	26067	R	1,3-Butadiene	0.00E+00	0.00E+00	6.66E-01	1.15E-03	5.24E+00	9.04E-03	1.08E+00	1.86E-03	6.98E+00	1.20E-02
Michigan	Ionia	26067	R	Cadmium Compounds	0.00E+00	0.00E+00	7.58E-04	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-04	1.31E-06
Michigan	Ionia	26067	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.10E-02	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	1.90E-05
Michigan	Ionia	26067	R	Chloroform	0.00E+00	0.00E+00	1.21E-01	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	2.08E-04
Michigan	Ionia	26067	R	Chromium Compounds	0.00E+00	0.00E+00	3.50E-01	6.05E-04	6.99E-03	1.21E-05	5.53E-03	9.55E-06	3.63E-01	6.26E-04
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
Michigan	Ionia	26067	R	1,3-Dichloropropene	0.00E+00	0.00E+00	4.82E+00	8.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E+00	8.32E-03
Michigan	Ionia	26067	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E+01	9.26E-02	6.34E+01	1.09E-01	1.17E+02	2.02E-01
Michigan	Ionia	26067	R	Ethylene Dibromide	0.00E+00	0.00E+00	3.22E-05	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	5.56E-08
Michigan	Ionia	26067	R	Ethylene Dichloride	0.00E+00	0.00E+00	7.02E-03	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-03	1.21E-05
Michigan	Ionia	26067	R	Ethylene Oxide	0.00E+00	0.00E+00	1.53E-02	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02	2.63E-05
Michigan	Ionia	26067	R	Formaldehyde - Primary	0.00E+00	0.00E+00	4.61E+00	7.96E-03	1.98E+01	3.41E-02	1.60E+01	2.76E-02	4.04E+01	6.97E-02
Michigan	Ionia	26067	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.77E-05	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05	8.23E-08
Michigan	Ionia	26067	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.31E-09
Michigan	Ionia	26067	R	Lead Compounds	0.00E+00	0.00E+00	1.19E+00	2.05E-03	9.86E-03	1.70E-05	0.00E+00	0.00E+00	1.20E+00	2.06E-03
Michigan	Ionia	26067	R	Manganese Compounds	0.00E+00	0.00E+00	5.02E-03	8.66E-06	3.02E-03	5.21E-06	6.22E-03	1.07E-05	1.43E-02	2.46E-05
Michigan	Ionia	26067	R	Mercury Compounds	0.00E+00	0.00E+00	2.36E-03	4.08E-06	9.86E-05	1.70E-07	1.50E-03	2.58E-06	3.96E-03	6.83E-06
Michigan	Ionia	26067	R	Methylene Chloride	0.00E+00	0.00E+00	8.44E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E+00	1.46E-02

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Ionia	26067	R	Nickel Compounds	0.00E+00	0.00E+00	2.43E-02	4.20E-05	5.54E-03	9.56E-06	2.90E-03	5.00E-06	3.28E-02	5.66E-05
Michigan	Ionia	26067	R	Perchloroethylene	0.00E+00	0.00E+00	6.55E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E+00	1.13E-02
Michigan	Ionia	26067	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.74E+00	8.18E-03	4.85E-02	8.38E-05	2.69E-03	4.65E-06	4.79E+00	8.26E-03
Michigan	Ionia	26067	R	7-PAH	0.00E+00	0.00E+00	9.84E-02	1.70E-04	2.15E-02	3.72E-05	1.25E-03	2.16E-06	1.21E-01	2.09E-04
Michigan	Ionia	26067	R	Propylene Dichloride	0.00E+00	0.00E+00	3.53E-03	6.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	6.09E-06
Michigan	Ionia	26067	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	3.14E-09
Michigan	Ionia	26067	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	3.06E-02	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02	5.27E-05
Michigan	Ionia	26067	R	Trichloroethylene	0.00E+00	0.00E+00	6.25E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-01	1.08E-03
Michigan	Ionia	26067	R	Vinyl Chloride	0.00E+00	0.00E+00	7.53E-02	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-02	1.30E-04
Michigan	Iosco	26069	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.17E+00	5.82E-03	3.61E+00	6.63E-03	1.40E+01	2.58E-02	2.08E+01	3.82E-02
Michigan	Iosco	26069	R	Acrolein - Primary	0.00E+00	0.00E+00	3.41E+00	6.27E-03	5.95E-01	1.09E-03	2.46E+00	4.53E-03	6.47E+00	1.19E-02
Michigan	Iosco	26069	R	Acrylonitrile	0.00E+00	0.00E+00	2.13E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	3.91E-04
Michigan	Iosco	26069	R	Arsenic Compounds	0.00E+00	0.00E+00	1.41E-03	2.59E-06	5.34E-05	9.82E-08	3.06E-07	5.63E-10	1.46E-03	2.69E-06
Michigan	Iosco	26069	R	Benzene	0.00E+00	0.00E+00	1.07E+01	1.98E-02	2.26E+01	4.16E-02	1.82E+02	3.35E-01	2.15E+02	3.96E-01
Michigan	Iosco	26069	R	Beryllium Compounds	0.00E+00	0.00E+00	1.78E-04	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	3.28E-07
Michigan	Iosco	26069	R	1,3-Butadiene	0.00E+00	0.00E+00	3.13E+00	5.76E-03	2.82E+00	5.18E-03	1.53E+01	2.82E-02	2.13E+01	3.91E-02
Michigan	Iosco	26069	R	Cadmium Compounds	0.00E+00	0.00E+00	6.78E-04	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	1.25E-06
Michigan	Iosco	26069	R	Carbon Tetrachloride	0.00E+00	0.00E+00	7.98E-03	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-03	1.47E-05
Michigan	Iosco	26069	R	Chloroform	0.00E+00	0.00E+00	5.22E-02	9.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	9.61E-05
Michigan	Iosco	26069	R	Chromium Compounds	0.00E+00	0.00E+00	2.30E-03	4.23E-06	2.87E-03	5.29E-06	2.28E-03	4.18E-06	7.45E-03	1.37E-05
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
Michigan	Iosco	26069	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.98E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00	3.64E-03
Michigan	Iosco	26069	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+01	5.31E-02	3.40E+01	6.25E-02	6.29E+01	1.16E-01
Michigan	Iosco	26069	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.18E-04	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	2.16E-07
Michigan	Iosco	26069	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.56E-02	4.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-02	4.71E-05
Michigan	Iosco	26069	R	Ethylene Oxide	0.00E+00	0.00E+00	1.32E-02	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	2.43E-05
Michigan	Iosco	26069	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.00E+01	3.69E-02	1.06E+01	1.96E-02	2.46E+01	4.53E-02	5.53E+01	1.02E-01
Michigan	Iosco	26069	R	Hexachlorobenzene	0.00E+00	0.00E+00	6.17E-06	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-06	1.14E-08
Michigan	Iosco	26069	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
Michigan	Iosco	26069	R	Lead Compounds	0.00E+00	0.00E+00	5.65E-03	1.04E-05	4.06E-03	7.46E-06	0.00E+00	0.00E+00	9.71E-03	1.78E-05
Michigan	Iosco	26069	R	Manganese Compounds	0.00E+00	0.00E+00	2.26E-03	4.15E-06	1.24E-03	2.28E-06	2.56E-03	4.71E-06	6.06E-03	1.11E-05
Michigan	Iosco	26069	R	Mercury Compounds	0.00E+00	0.00E+00	3.28E-03	6.03E-06	4.06E-05	7.46E-08	6.15E-04	1.13E-06	3.93E-03	7.23E-06
Michigan	Iosco	26069	R	Methylene Chloride	0.00E+00	0.00E+00	9.24E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E+00	1.70E-02
Michigan	Iosco	26069	R	Nickel Compounds	0.00E+00	0.00E+00	7.11E-03	1.31E-05	2.28E-03	4.19E-06	1.19E-03	2.19E-06	1.06E-02	1.95E-05
Michigan	Iosco	26069	R	Perchloroethylene	0.00E+00	0.00E+00	3.01E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00	5.53E-03
Michigan	Iosco	26069	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	8.74E+00	1.61E-02	2.00E-02	3.67E-05	1.03E-01	1.90E-04	8.86E+00	1.63E-02
Michigan	Iosco	26069	R	7-PAH	0.00E+00	0.00E+00	2.84E-01	5.21E-04	8.86E-03	1.63E-05	5.35E-02	9.84E-05	3.46E-01	6.36E-04
Michigan	Iosco	26069	R	Propylene Dichloride	0.00E+00	0.00E+00	1.28E-02	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	2.35E-05
Michigan	Iosco	26069	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
Michigan	Iosco	26069	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.17E-01	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	2.14E-04
Michigan	Iosco	26069	R	Trichloroethylene	0.00E+00	0.00E+00	6.20E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-01	1.14E-03
Michigan	Iosco	26069	R	Vinyl Chloride	0.00E+00	0.00E+00	2.87E-01	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-01	5.28E-04
Michigan	Iron	26071	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.86E+01	8.84E-03	2.10E+00	1.75E-03	1.96E+00	1.63E-03	1.47E+01	1.22E-02
Michigan	Iron	26071	R	Acrolein - Primary	0.00E+00	0.00E+00	1.11E+01	9.24E-03	3.31E-01	2.76E-04	3.14E-01	2.62E-04	1.17E+01	9.78E-03
Michigan	Iron	26071	R	Acrylonitrile	0.00E+00	0.00E+00	3.83E-01	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01	3.19E-04
Michigan	Iron	26071	R	Arsenic Compounds	0.00E+00	0.00E+00	1.07E-03	8.93E-07	2.82E-05	2.35E-08	1.62E-07	1.35E-10	1.10E-03	9.17E-07

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Iron	26071	R	Benzene	0.00E+00	0.00E+00	3.03E+01	2.53E-02	1.31E+01	1.09E-02	6.11E+00	5.10E-03	4.95E+01	4.13E-02
Michigan	Iron	26071	R	Beryllium Compounds	0.00E+00	0.00E+00	9.39E-05	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-05	7.83E-08
Michigan	Iron	26071	R	1,3-Butadiene	0.00E+00	0.00E+00	1.05E+01	8.77E-03	1.64E+00	1.37E-03	6.20E-01	5.17E-04	1.28E+01	1.06E-02
Michigan	Iron	26071	R	Cadmium Compounds	0.00E+00	0.00E+00	5.47E-04	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	4.56E-07
Michigan	Iron	26071	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.71E-03	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	3.93E-06
Michigan	Iron	26071	R	Chloroform	0.00E+00	0.00E+00	3.05E-02	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-02	2.55E-05
Michigan	Iron	26071	R	Chromium Compounds	0.00E+00	0.00E+00	1.82E-03	1.52E-06	1.52E-03	1.27E-06	1.20E-03	1.00E-06	4.54E-03	3.79E-06
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
Michigan	Iron	26071	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.04E+00	8.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00	8.67E-04
Michigan	Iron	26071	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+01	1.41E-02	2.17E+01	1.81E-02	3.87E+01	3.23E-02
Michigan	Iron	26071	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.13E-04	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	1.78E-07
Michigan	Iron	26071	R	Ethylene Dichloride	0.00E+00	0.00E+00	4.61E-02	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	3.85E-05
Michigan	Iron	26071	R	Ethylene Oxide	0.00E+00	0.00E+00	1.25E-02	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	1.04E-05
Michigan	Iron	26071	R	Formaldehyde - Primary	0.00E+00	0.00E+00	6.70E+01	5.59E-02	6.19E+00	5.17E-03	3.95E+00	3.29E-03	7.72E+01	6.44E-02
Michigan	Iron	26071	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.50E-06	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	2.08E-09
Michigan	Iron	26071	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
Michigan	Iron	26071	R	Lead Compounds	0.00E+00	0.00E+00	8.96E-03	7.47E-06	2.14E-03	1.79E-06	0.00E+00	0.00E+00	1.11E-02	9.26E-06
Michigan	Iron	26071	R	Manganese Compounds	0.00E+00	0.00E+00	7.09E-02	5.91E-05	6.55E-04	5.46E-07	1.35E-03	1.13E-06	7.29E-02	6.08E-05
Michigan	Iron	26071	R	Mercury Compounds	0.00E+00	0.00E+00	2.86E-03	2.39E-06	2.14E-05	1.79E-08	3.25E-04	2.71E-07	3.21E-03	2.68E-06
Michigan	Iron	26071	R	Methylene Chloride	0.00E+00	0.00E+00	3.25E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E+00	2.71E-03
Michigan	Iron	26071	R	Nickel Compounds	0.00E+00	0.00E+00	3.93E-03	3.27E-06	1.20E-03	1.00E-06	6.29E-04	5.25E-07	5.76E-03	4.80E-06
Michigan	Iron	26071	R	Perchloroethylene	0.00E+00	0.00E+00	1.72E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00	1.44E-03
Michigan	Iron	26071	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	5.49E+00	4.58E-03	1.05E-02	8.79E-06	2.81E-03	2.34E-06	5.51E+00	4.59E-03
Michigan	Iron	26071	R	7-PAH	0.00E+00	0.00E+00	4.92E-01	4.10E-04	4.68E-03	3.90E-06	1.42E-03	1.19E-06	4.98E-01	4.15E-04
Michigan	Iron	26071	R	Propylene Dichloride	0.00E+00	0.00E+00	2.31E-02	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	1.93E-05
Michigan	Iron	26071	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
Michigan	Iron	26071	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.12E-01	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	1.77E-04
Michigan	Iron	26071	R	Trichloroethylene	0.00E+00	0.00E+00	6.35E-01	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-01	5.30E-04
Michigan	Iron	26071	R	Vinyl Chloride	0.00E+00	0.00E+00	5.21E-01	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01	4.35E-04
Michigan	Isabella	26073	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.21E+00	2.11E-03	5.18E+00	9.03E-03	7.42E+00	1.30E-02	1.38E+01	2.41E-02
Michigan	Isabella	26073	R	Acrolein - Primary	0.00E+00	0.00E+00	1.56E+00	2.72E-03	1.06E+00	1.86E-03	1.17E+00	2.04E-03	3.79E+00	6.61E-03
Michigan	Isabella	26073	R	Acrylonitrile	0.00E+00	0.00E+00	1.52E-01	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01	2.66E-04
Michigan	Isabella	26073	R	Arsenic Compounds	0.00E+00	0.00E+00	4.89E-03	8.54E-06	1.23E-04	2.15E-07	7.06E-07	1.23E-09	5.01E-03	8.75E-06
Michigan	Isabella	26073	R	Benzene	0.00E+00	0.00E+00	2.28E+01	3.97E-02	3.26E+01	5.69E-02	7.82E+00	1.36E-02	6.32E+01	1.10E-01
Michigan	Isabella	26073	R	Beryllium Compounds	0.00E+00	0.00E+00	4.43E-04	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	7.72E-07
Michigan	Isabella	26073	R	1,3-Butadiene	0.00E+00	0.00E+00	1.18E+00	2.06E-03	4.06E+00	7.09E-03	1.03E+00	1.81E-03	6.28E+00	1.10E-02
Michigan	Isabella	26073	R	Cadmium Compounds	0.00E+00	0.00E+00	1.97E-03	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	3.44E-06
Michigan	Isabella	26073	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.11E-02	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	1.93E-05
Michigan	Isabella	26073	R	Chloroform	0.00E+00	0.00E+00	1.12E-01	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	1.95E-04
Michigan	Isabella	26073	R	Chromium Compounds	0.00E+00	0.00E+00	2.78E-01	4.86E-04	6.63E-03	1.16E-05	5.25E-03	9.16E-06	2.90E-01	5.06E-04
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
Michigan	Isabella	26073	R	1,3-Dichloropropene	0.00E+00	0.00E+00	4.57E+00	7.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E+00	7.98E-03
Michigan	Isabella	26073	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E+01	7.19E-02	6.74E+01	1.18E-01	1.09E+02	1.90E-01
Michigan	Isabella	26073	R	Ethylene Dibromide	0.00E+00	0.00E+00	8.21E-05	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05	1.43E-07
Michigan	Isabella	26073	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.90E-02	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02	3.31E-05
Michigan	Isabella	26073	R	Ethylene Oxide	0.00E+00	0.00E+00	2.68E-02	4.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-02	4.68E-05
Michigan	Isabella	26073	R	Formaldehyde - Primary	0.00E+00	0.00E+00	7.99E+00	1.39E-02	1.53E+01	2.67E-02	1.52E+01	2.65E-02	3.85E+01	6.71E-02

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Isabella	26073	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.65E-05	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	6.37E-08
Michigan	Isabella	26073	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
Michigan	Isabella	26073	R	Lead Compounds	0.00E+00	0.00E+00	2.48E-02	4.33E-05	9.35E-03	1.63E-05	0.00E+00	0.00E+00	3.42E-02	5.96E-05
Michigan	Isabella	26073	R	Manganese Compounds	0.00E+00	0.00E+00	3.15E-01	5.49E-04	2.86E-03	4.99E-06	5.90E-03	1.03E-05	3.23E-01	5.65E-04
Michigan	Isabella	26073	R	Mercury Compounds	0.00E+00	0.00E+00	7.09E-03	1.24E-05	9.35E-05	1.63E-07	1.42E-03	2.48E-06	8.60E-03	1.50E-05
Michigan	Isabella	26073	R	Methylene Chloride	0.00E+00	0.00E+00	8.98E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E+00	1.57E-02
Michigan	Isabella	26073	R	Nickel Compounds	0.00E+00	0.00E+00	2.75E-02	4.79E-05	5.25E-03	9.17E-06	2.75E-03	4.79E-06	3.55E-02	6.19E-05
Michigan	Isabella	26073	R	Perchloroethylene	0.00E+00	0.00E+00	4.58E+00	7.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E+00	7.99E-03
Michigan	Isabella	26073	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.58E+01	2.76E-02	4.60E-02	8.03E-05	2.49E-03	4.34E-06	1.58E+01	2.77E-02
Michigan	Isabella	26073	R	7-PAH	0.00E+00	0.00E+00	3.63E-01	6.33E-04	2.04E-02	3.57E-05	1.15E-03	2.01E-06	3.84E-01	6.71E-04
Michigan	Isabella	26073	R	Propylene Dichloride	0.00E+00	0.00E+00	9.05E-03	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-03	1.58E-05
Michigan	Isabella	26073	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
Michigan	Isabella	26073	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.14E-02	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02	1.42E-04
Michigan	Isabella	26073	R	Trichloroethylene	0.00E+00	0.00E+00	5.17E+00	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E+00	9.02E-03
Michigan	Isabella	26073	R	Vinyl Chloride	0.00E+00	0.00E+00	2.01E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	3.50E-04
Michigan	Jackson	26075	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.47E+00	2.04E-03	2.00E+01	2.77E-02	3.52E+01	4.89E-02	5.66E+01	7.86E-02
Michigan	Jackson	26075	R	Acrolein - Primary	0.00E+00	0.00E+00	2.28E+00	3.16E-03	2.83E+00	3.92E-03	5.91E+00	8.21E-03	1.10E+01	1.53E-02
Michigan	Jackson	26075	R	Acrylonitrile	0.00E+00	0.00E+00	8.87E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-01	1.23E-03
Michigan	Jackson	26075	R	Arsenic Compounds	0.00E+00	0.00E+00	6.14E-03	8.52E-06	7.40E-05	1.03E-07	1.90E-06	2.64E-09	6.21E-03	8.62E-06
Michigan	Jackson	26075	R	Benzene	0.00E+00	0.00E+00	1.05E+01	1.46E-02	1.36E+02	1.89E-01	2.56E+02	3.55E-01	4.02E+02	5.59E-01
Michigan	Jackson	26075	R	Beryllium Compounds	0.00E+00	0.00E+00	1.21E-01	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	1.68E-04
Michigan	Jackson	26075	R	1,3-Butadiene	0.00E+00	0.00E+00	1.36E+00	1.88E-03	1.66E+01	2.30E-02	2.29E+01	3.18E-02	4.08E+01	5.66E-02
Michigan	Jackson	26075	R	Cadmium Compounds	0.00E+00	0.00E+00	1.24E-01	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-01	1.73E-04
Michigan	Jackson	26075	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.54E-02	6.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-02	6.31E-05
Michigan	Jackson	26075	R	Chloroform	0.00E+00	0.00E+00	3.31E-01	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-01	4.59E-04
Michigan	Jackson	26075	R	Chromium Compounds	0.00E+00	0.00E+00	4.56E-01	6.33E-04	3.99E-03	5.53E-06	1.42E-02	1.97E-05	4.74E-01	6.59E-04
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
Michigan	Jackson	26075	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.23E+01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+01	1.71E-02
Michigan	Jackson	26075	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+02	1.84E-01	9.61E+01	1.33E-01	2.29E+02	3.18E-01
Michigan	Jackson	26075	R	Ethylene Dibromide	0.00E+00	0.00E+00	5.46E-04	7.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	7.58E-07
Michigan	Jackson	26075	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.09E-01	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	1.51E-04
Michigan	Jackson	26075	R	Ethylene Oxide	0.00E+00	0.00E+00	2.02E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-01	2.80E-04
Michigan	Jackson	26075	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.02E+01	1.42E-02	5.85E+01	8.12E-02	6.53E+01	9.07E-02	1.34E+02	1.86E-01
Michigan	Jackson	26075	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.77E-05	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	5.23E-08
Michigan	Jackson	26075	R	Hydrazine	0.00E+00	0.00E+00	3.01E-05	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05	4.17E-08
Michigan	Jackson	26075	R	Lead Compounds	0.00E+00	0.00E+00	1.71E-01	2.38E-04	5.63E-03	7.81E-06	1.82E-04	2.52E-07	1.77E-01	2.46E-04
Michigan	Jackson	26075	R	Manganese Compounds	0.00E+00	0.00E+00	1.30E-01	1.80E-04	1.72E-03	2.39E-06	1.59E-02	2.21E-05	1.47E-01	2.05E-04
Michigan	Jackson	26075	R	Mercury Compounds	0.00E+00	0.00E+00	9.01E-02	1.25E-04	5.63E-05	7.81E-08	3.83E-03	5.31E-06	9.40E-02	1.31E-04
Michigan	Jackson	26075	R	Methylene Chloride	0.00E+00	0.00E+00	3.94E+01	5.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E+01	5.47E-02
Michigan	Jackson	26075	R	Nickel Compounds	0.00E+00	0.00E+00	2.04E-01	2.83E-04	3.16E-03	4.39E-06	7.41E-03	1.03E-05	2.14E-01	2.98E-04
Michigan	Jackson	26075	R	Perchloroethylene	0.00E+00	0.00E+00	1.72E+01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+01	2.39E-02
Michigan	Jackson	26075	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.24E+01	1.72E-02	2.77E-02	3.84E-05	1.55E-01	2.16E-04	1.26E+01	1.75E-02
Michigan	Jackson	26075	R	7-PAH	0.00E+00	0.00E+00	2.59E-01	3.60E-04	1.23E-02	1.71E-05	8.02E-02	1.11E-04	3.51E-01	4.88E-04
Michigan	Jackson	26075	R	Propylene Dichloride	0.00E+00	0.00E+00	5.40E-02	7.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-02	7.50E-05
Michigan	Jackson	26075	R	Quinoline	0.00E+00	0.00E+00	7.18E-05	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-05	9.97E-08
Michigan	Jackson	26075	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	4.85E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-01	6.74E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Jackson	26075	R	Trichloroethylene	0.00E+00	0.00E+00	4.24E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E+00	5.88E-03
Michigan	Jackson	26075	R	Vinyl Chloride	0.00E+00	0.00E+00	1.20E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00	1.66E-03
Michigan	Kalamazoo	26077	U	Acetaldehyde - Primary	2.25E-01	3.99E-04	1.15E+00	2.04E-03	2.64E+01	4.67E-02	3.22E+01	5.70E-02	5.99E+01	1.06E-01
Michigan	Kalamazoo	26077	U	Acrolein - Primary	1.92E-05	3.40E-08	2.40E+00	4.25E-03	4.39E+00	7.78E-03	5.34E+00	9.45E-03	1.21E+01	2.15E-02
Michigan	Kalamazoo	26077	U	Acrylonitrile	0.00E+00	0.00E+00	6.61E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-01	1.17E-03
Michigan	Kalamazoo	26077	U	Arsenic Compounds	2.72E-05	4.82E-08	1.00E-02	1.77E-05	1.47E-04	2.60E-07	2.82E-06	5.00E-09	1.02E-02	1.80E-05
Michigan	Kalamazoo	26077	U	Benzene	2.08E+00	3.69E-03	9.65E+00	1.71E-02	1.88E+02	3.32E-01	5.58E+01	9.89E-02	2.55E+02	4.52E-01
Michigan	Kalamazoo	26077	U	Beryllium Compounds	1.39E-06	2.46E-09	2.37E-03	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	4.20E-06
Michigan	Kalamazoo	26077	U	1,3-Butadiene	0.00E+00	0.00E+00	1.09E+00	1.93E-03	2.25E+01	3.99E-02	7.88E+00	1.40E-02	3.15E+01	5.58E-02
Michigan	Kalamazoo	26077	U	Cadmium Compounds	3.38E-06	5.99E-09	1.62E-02	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	2.87E-05
Michigan	Kalamazoo	26077	U	Carbon Tetrachloride	0.00E+00	0.00E+00	6.73E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-02	1.19E-04
Michigan	Kalamazoo	26077	U	Chloroform	0.00E+00	0.00E+00	4.99E-01	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-01	8.84E-04
Michigan	Kalamazoo	26077	U	Chromium Compounds	1.72E-05	3.05E-08	4.49E-01	7.95E-04	7.91E-03	1.40E-05	2.10E-02	3.72E-05	4.78E-01	8.47E-04
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
Michigan	Kalamazoo	26077	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.83E+01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+01	3.24E-02
Michigan	Kalamazoo	26077	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+02	2.76E-01	2.42E+02	4.29E-01	3.98E+02	7.05E-01
Michigan	Kalamazoo	26077	U	Ethylene Dibromide	0.00E+00	0.00E+00	4.55E-04	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	8.05E-07
Michigan	Kalamazoo	26077	U	Ethylene Dichloride	3.98E+00	7.05E-03	8.11E-02	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E+00	7.20E-03
Michigan	Kalamazoo	26077	U	Ethylene Oxide	1.50E-04	2.66E-07	3.92E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-01	6.95E-04
Michigan	Kalamazoo	26077	U	Formaldehyde - Primary	3.71E+02	6.57E-01	3.94E+01	6.97E-02	7.70E+01	1.36E-01	6.76E+01	1.20E-01	5.55E+02	9.83E-01
Michigan	Kalamazoo	26077	U	Hexachlorobenzene	0.00E+00	0.00E+00	3.17E-05	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	5.61E-08
Michigan	Kalamazoo	26077	U	Hydrazine	3.50E-05	6.20E-08	5.24E-05	9.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05	1.55E-07
Michigan	Kalamazoo	26077	U	Lead Compounds	2.78E-05	4.92E-08	1.82E-01	3.22E-04	1.12E-02	1.98E-05	1.94E-01	3.43E-04	3.87E-01	6.85E-04
Michigan	Kalamazoo	26077	U	Manganese Compounds	3.25E-05	5.76E-08	1.93E-02	3.41E-05	3.42E-03	6.05E-06	2.36E-02	4.18E-05	4.63E-02	8.21E-05
Michigan	Kalamazoo	26077	U	Mercury Compounds	5.50E-06	9.74E-09	1.07E-01	1.90E-04	1.12E-04	1.98E-07	5.67E-03	1.00E-05	1.13E-01	2.01E-04
Michigan	Kalamazoo	26077	U	Methylene Chloride	9.69E+02	1.72E+00	4.39E+01	7.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+03	1.79E+00
Michigan	Kalamazoo	26077	U	Nickel Compounds	1.85E-05	3.28E-08	2.06E-01	3.66E-04	6.27E-03	1.11E-05	1.10E-02	1.95E-05	2.24E-01	3.96E-04
Michigan	Kalamazoo	26077	U	Perchloroethylene	2.85E-06	5.05E-09	3.93E+01	6.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+01	6.97E-02
Michigan	Kalamazoo	26077	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	2.59E-01	4.59E-04	1.83E+01	3.24E-02	5.50E-02	9.73E-05	2.09E-02	3.71E-05	1.86E+01	3.30E-02
Michigan	Kalamazoo	26077	U	7-PAH	2.58E-08	4.56E-11	3.37E-01	5.96E-04	2.44E-02	4.32E-05	9.24E-03	1.64E-05	3.70E-01	6.56E-04
Michigan	Kalamazoo	26077	U	Propylene Dichloride	0.00E+00	0.00E+00	4.03E-02	7.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02	7.13E-05
Michigan	Kalamazoo	26077	U	Quinoline	0.00E+00	0.00E+00	1.25E-04	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	2.22E-07
Michigan	Kalamazoo	26077	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	3.53E-01	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-01	6.25E-04
Michigan	Kalamazoo	26077	U	Trichloroethylene	0.00E+00	0.00E+00	7.14E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E+00	1.26E-02
Michigan	Kalamazoo	26077	U	Vinyl Chloride	0.00E+00	0.00E+00	1.02E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00	1.81E-03
Michigan	Kalkaska	26079	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.68E+00	8.25E-03	2.15E+00	3.79E-03	2.07E+00	3.65E-03	8.90E+00	1.57E-02
Michigan	Kalkaska	26079	R	Acrolein - Primary	0.00E+00	0.00E+00	4.30E+00	7.59E-03	3.57E-01	6.30E-04	3.27E-01	5.78E-04	4.99E+00	8.80E-03
Michigan	Kalkaska	26079	R	Acrylonitrile	0.00E+00	0.00E+00	1.78E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-01	3.14E-04
Michigan	Kalkaska	26079	R	Arsenic Compounds	0.00E+00	0.00E+00	7.53E-04	1.33E-06	3.31E-05	5.84E-08	1.90E-07	3.35E-10	7.86E-04	1.39E-06
Michigan	Kalkaska	26079	R	Benzene	0.00E+00	0.00E+00	1.32E+01	2.32E-02	1.34E+01	2.37E-02	3.30E+00	5.82E-03	2.99E+01	5.27E-02
Michigan	Kalkaska	26079	R	Beryllium Compounds	0.00E+00	0.00E+00	1.11E-04	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	1.96E-07
Michigan	Kalkaska	26079	R	1,3-Butadiene	0.00E+00	0.00E+00	4.03E+00	7.11E-03	1.68E+00	2.96E-03	4.12E-01	7.28E-04	6.12E+00	1.08E-02
Michigan	Kalkaska	26079	R	Cadmium Compounds	0.00E+00	0.00E+00	2.55E-04	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	4.51E-07
Michigan	Kalkaska	26079	R	Carbon Tetrachloride	0.00E+00	0.00E+00	5.03E-03	8.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03	8.87E-06
Michigan	Kalkaska	26079	R	Chloroform	0.00E+00	0.00E+00	2.95E-02	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-02	5.20E-05
Michigan	Kalkaska	26079	R	Chromium Compounds	0.00E+00	0.00E+00	1.16E-02	2.05E-05	1.78E-03	3.14E-06	1.41E-03	2.49E-06	1.48E-02	2.61E-05
Michigan	Kalkaska	26079	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

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Kalkaska	26079	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.22E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00	2.15E-03
Michigan	Kalkaska	26079	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+01	3.06E-02	7.23E+00	1.28E-02	2.46E+01	4.34E-02
Michigan	Kalkaska	26079	R	Ethylene Dibromide	0.00E+00	0.00E+00	9.87E-05	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	1.74E-07
Michigan	Kalkaska	26079	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.13E-02	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-02	3.77E-05
Michigan	Kalkaska	26079	R	Ethylene Oxide	0.00E+00	0.00E+00	1.27E-02	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	2.23E-05
Michigan	Kalkaska	26079	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.30E+01	5.83E-02	6.35E+00	1.12E-02	4.25E+00	7.50E-03	4.36E+01	7.70E-02
Michigan	Kalkaska	26079	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.47E-06	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-06	4.35E-09
Michigan	Kalkaska	26079	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
Michigan	Kalkaska	26079	R	Lead Compounds	0.00E+00	0.00E+00	3.65E-03	6.44E-06	2.51E-03	4.43E-06	0.00E+00	0.00E+00	6.16E-03	1.09E-05
Michigan	Kalkaska	26079	R	Manganese Compounds	0.00E+00	0.00E+00	1.23E-03	2.17E-06	7.69E-04	1.36E-06	1.59E-03	2.80E-06	3.59E-03	6.33E-06
Michigan	Kalkaska	26079	R	Mercury Compounds	0.00E+00	0.00E+00	4.31E-04	7.60E-07	2.51E-05	4.43E-08	3.81E-04	6.72E-07	8.37E-04	1.48E-06
Michigan	Kalkaska	26079	R	Methylene Chloride	0.00E+00	0.00E+00	2.76E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E+00	4.87E-03
Michigan	Kalkaska	26079	R	Nickel Compounds	0.00E+00	0.00E+00	7.15E-03	1.26E-05	1.41E-03	2.49E-06	7.38E-04	1.30E-06	9.30E-03	1.64E-05
Michigan	Kalkaska	26079	R	Perchloroethylene	0.00E+00	0.00E+00	7.15E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-01	1.26E-03
Michigan	Kalkaska	26079	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Kalkaska	26079	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.71E+00	8.31E-03	1.24E-02	2.18E-05	1.18E-03	2.08E-06	4.72E+00	8.33E-03
Michigan	Kalkaska	26079	R	7-PAH	0.00E+00	0.00E+00	2.42E-01	4.27E-04	5.49E-03	9.69E-06	5.75E-04	1.02E-06	2.48E-01	4.38E-04
Michigan	Kalkaska	26079	R	Propylene Dichloride	0.00E+00	0.00E+00	1.07E-02	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-02	1.89E-05
Michigan	Kalkaska	26079	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
Michigan	Kalkaska	26079	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	9.78E-02	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-02	1.73E-04
Michigan	Kalkaska	26079	R	Trichloroethylene	0.00E+00	0.00E+00	3.70E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-01	6.52E-04
Michigan	Kalkaska	26079	R	Vinyl Chloride	0.00E+00	0.00E+00	2.41E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01	4.25E-04
Michigan	Kent	26081	U	Acetaldehyde - Primary	6.05E-04	6.95E-07	2.42E+00	2.78E-03	5.71E+01	6.55E-02	8.18E+01	9.39E-02	1.41E+02	1.62E-01
Michigan	Kent	26081	U	Acrolein - Primary	3.08E-04	3.54E-07	5.04E+00	5.79E-03	8.07E+00	9.27E-03	1.54E+01	1.77E-02	2.85E+01	3.28E-02
Michigan	Kent	26081	U	Acrylonitrile	1.78E+00	2.05E-03	1.07E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00	3.28E-03
Michigan	Kent	26081	U	Arsenic Compounds	4.84E-03	5.56E-06	2.67E-02	3.07E-05	2.92E-04	3.35E-07	6.61E-06	7.59E-09	3.19E-02	3.66E-05
Michigan	Kent	26081	U	Benzene	4.61E+00	5.29E-03	2.32E+01	2.66E-02	4.14E+02	4.76E-01	1.42E+02	1.63E-01	5.84E+02	6.70E-01
Michigan	Kent	26081	U	Beryllium Compounds	2.23E-05	2.56E-08	5.59E-03	6.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	6.44E-06
Michigan	Kent	26081	U	1,3-Butadiene	0.00E+00	0.00E+00	2.06E+00	2.37E-03	4.95E+01	5.69E-02	2.22E+01	2.55E-02	7.38E+01	8.48E-02
Michigan	Kent	26081	U	Cadmium Compounds	2.88E-03	3.31E-06	2.05E-02	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-02	2.68E-05
Michigan	Kent	26081	U	Carbon Tetrachloride	3.27E-03	3.75E-06	1.89E-01	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01	2.21E-04
Michigan	Kent	26081	U	Chloroform	1.90E-02	2.18E-05	1.18E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00	1.38E-03
Michigan	Kent	26081	U	Chromium Compounds	3.90E-03	4.47E-06	4.50E+00	5.17E-03	1.57E-02	1.80E-05	4.91E-02	5.64E-05	4.57E+00	5.25E-03
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
Michigan	Kent	26081	U	1,3-Dichloropropene	0.00E+00	0.00E+00	4.28E+01	4.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E+01	4.92E-02
Michigan	Kent	26081	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+02	2.53E-01	5.76E+02	6.61E-01	7.97E+02	9.15E-01
Michigan	Kent	26081	U	Ethylene Dibromide	9.98E-04	1.15E-06	1.74E-03	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	3.15E-06
Michigan	Kent	26081	U	Ethylene Dichloride	2.16E-01	2.48E-04	1.52E-01	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-01	4.22E-04
Michigan	Kent	26081	U	Ethylene Oxide	0.00E+00	0.00E+00	1.05E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00	1.21E-03
Michigan	Kent	26081	U	Formaldehyde - Primary	1.81E+00	2.08E-03	1.73E+01	1.98E-02	1.66E+02	1.91E-01	1.79E+02	2.06E-01	3.64E+02	4.18E-01
Michigan	Kent	26081	U	Hexachlorobenzene	0.00E+00	0.00E+00	5.27E-05	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	6.05E-08
Michigan	Kent	26081	U	Hydrazine	0.00E+00	0.00E+00	6.34E-04	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	7.28E-07
Michigan	Kent	26081	U	Lead Compounds	2.77E-02	3.18E-05	3.60E-01	4.13E-04	2.22E-02	2.54E-05	1.93E+00	2.22E-03	2.34E+00	2.69E-03
Michigan	Kent	26081	U	Manganese Compounds	4.93E-03	5.66E-06	1.83E+00	2.10E-03	6.78E-03	7.78E-06	5.53E-02	6.34E-05	1.90E+00	2.18E-03
Michigan	Kent	26081	U	Mercury Compounds	2.29E-01	2.63E-04	1.26E-01	1.44E-04	2.22E-04	2.54E-07	1.33E-02	1.52E-05	3.69E-01	4.23E-04
Michigan	Kent	26081	U	Methylene Chloride	6.82E+00	7.83E-03	1.42E+02	1.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02	1.70E-01
Michigan	Kent	26081	U	Nickel Compounds	5.66E-03	6.50E-06	8.84E-01	1.01E-03	1.24E-02	1.43E-05	2.57E-02	2.95E-05	9.28E-01	1.07E-03
Michigan	Kent	26081	U	Perchloroethylene	3.29E+00	3.77E-03	7.28E+01	8.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E+01	8.74E-02

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Kent	26081	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	4.02E-03	4.62E-06	4.21E+01	4.84E-02	1.09E-01	1.25E-04	6.71E-02	7.70E-05	4.23E+01	4.86E-02
Michigan	Kent	26081	U	7-PAH	4.41E-03	5.06E-06	7.70E-01	8.84E-04	4.84E-02	5.56E-05	2.29E-02	2.62E-05	8.46E-01	9.71E-04
Michigan	Kent	26081	U	Propylene Dichloride	1.08E-01	1.24E-04	7.04E-02	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-01	2.05E-04
Michigan	Kent	26081	U	Quinoline	0.00E+00	0.00E+00	1.51E-03	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	1.74E-06
Michigan	Kent	26081	U	1,1,2,2-Tetrachloroethane	9.90E-01	1.14E-03	5.39E-01	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00	1.76E-03
Michigan	Kent	26081	U	Trichloroethylene	1.01E+02	1.16E-01	2.00E+01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+02	1.39E-01
Michigan	Kent	26081	U	Vinyl Chloride	2.44E+00	2.80E-03	1.52E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E+00	4.54E-03
Michigan	Keweenaw	26083	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.30E+00	9.52E-03	2.71E-01	7.81E-04	2.51E+01	7.24E-02	2.87E+01	8.28E-02
Michigan	Keweenaw	26083	R	Acrolein - Primary	0.00E+00	0.00E+00	3.44E+00	9.92E-03	4.58E-02	1.32E-04	4.54E+00	1.31E-02	8.02E+00	2.31E-02
Michigan	Keweenaw	26083	R	Acrylonitrile	0.00E+00	0.00E+00	5.77E-02	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-02	1.66E-04
Michigan	Keweenaw	26083	R	Arsenic Compounds	0.00E+00	0.00E+00	7.91E-05	2.28E-07	4.35E-06	1.25E-08	2.49E-08	7.19E-11	8.35E-05	2.41E-07
Michigan	Keweenaw	26083	R	Benzene	0.00E+00	0.00E+00	9.26E+00	2.67E-02	1.69E+00	4.88E-03	4.32E+02	1.25E+00	4.43E+02	1.28E+00
Michigan	Keweenaw	26083	R	Beryllium Compounds	0.00E+00	0.00E+00	1.50E-05	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	4.32E-08
Michigan	Keweenaw	26083	R	1,3-Butadiene	0.00E+00	0.00E+00	3.27E+00	9.43E-03	2.11E-01	6.08E-04	3.55E+01	1.02E-01	3.89E+01	1.12E-01
Michigan	Keweenaw	26083	R	Cadmium Compounds	0.00E+00	0.00E+00	2.81E-05	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	8.10E-08
Michigan	Keweenaw	26083	R	Carbon Tetrachloride	0.00E+00	0.00E+00	7.23E-04	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	2.09E-06
Michigan	Keweenaw	26083	R	Chloroform	0.00E+00	0.00E+00	4.98E-03	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	1.44E-05
Michigan	Keweenaw	26083	R	Chromium Compounds	0.00E+00	0.00E+00	1.20E-04	3.47E-07	2.34E-04	6.74E-07	1.85E-04	5.34E-07	5.39E-04	1.55E-06
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
Michigan	Keweenaw	26083	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.60E-01	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	4.61E-04
Michigan	Keweenaw	26083	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00	6.31E-03	4.93E+01	1.42E-01	5.15E+01	1.48E-01
Michigan	Keweenaw	26083	R	Ethylene Dibromide	0.00E+00	0.00E+00	3.22E-05	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	9.28E-08
Michigan	Keweenaw	26083	R	Ethylene Dichloride	0.00E+00	0.00E+00	6.96E-03	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-03	2.01E-05
Michigan	Keweenaw	26083	R	Ethylene Oxide	0.00E+00	0.00E+00	1.16E-04	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	3.34E-07
Michigan	Keweenaw	26083	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.08E+01	6.01E-02	8.01E-01	2.31E-03	4.35E+01	1.26E-01	6.52E+01	1.88E-01
Michigan	Keweenaw	26083	R	Hexachlorobenzene	0.00E+00	0.00E+00	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	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
Michigan	Keweenaw	26083	R	Lead Compounds	0.00E+00	0.00E+00	1.37E-04	3.96E-07	3.30E-04	9.52E-07	0.00E+00	0.00E+00	4.67E-04	1.35E-06
Michigan	Keweenaw	26083	R	Manganese Compounds	0.00E+00	0.00E+00	1.26E-04	3.63E-07	1.01E-04	2.91E-07	2.08E-04	6.01E-07	4.35E-04	1.25E-06
Michigan	Keweenaw	26083	R	Mercury Compounds	0.00E+00	0.00E+00	5.58E-05	1.61E-07	3.30E-06	9.52E-09	5.01E-05	1.44E-07	1.09E-04	3.15E-07
Michigan	Keweenaw	26083	R	Methylene Chloride	0.00E+00	0.00E+00	4.63E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-01	1.33E-03
Michigan	Keweenaw	26083	R	Nickel Compounds	0.00E+00	0.00E+00	3.96E-04	1.14E-06	1.85E-04	5.35E-07	9.70E-05	2.80E-07	6.79E-04	1.96E-06
Michigan	Keweenaw	26083	R	Perchloroethylene	0.00E+00	0.00E+00	1.38E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01	3.98E-04
Michigan	Keweenaw	26083	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.13E+00	3.25E-03	1.62E-03	4.68E-06	2.29E-01	6.59E-04	1.36E+00	3.91E-03
Michigan	Keweenaw	26083	R	7-PAH	0.00E+00	0.00E+00	1.39E-01	4.01E-04	7.21E-04	2.08E-06	1.19E-01	3.42E-04	2.59E-01	7.45E-04
Michigan	Keweenaw	26083	R	Propylene Dichloride	0.00E+00	0.00E+00	3.49E-03	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	1.01E-05
Michigan	Keweenaw	26083	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
Michigan	Keweenaw	26083	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	3.19E-02	9.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-02	9.20E-05
Michigan	Keweenaw	26083	R	Trichloroethylene	0.00E+00	0.00E+00	7.41E-02	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02	2.14E-04
Michigan	Keweenaw	26083	R	Vinyl Chloride	0.00E+00	0.00E+00	7.86E-02	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-02	2.27E-04
Michigan	Lake	26085	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	5.31E+00	9.28E-03	1.37E+00	2.39E-03	4.90E+00	8.56E-03	1.16E+01	2.02E-02
Michigan	Lake	26085	R	Acrolein - Primary	0.00E+00	0.00E+00	5.56E+00	9.72E-03	2.28E-01	3.98E-04	8.61E-01	1.50E-03	6.65E+00	1.16E-02
Michigan	Lake	26085	R	Acrylonitrile	0.00E+00	0.00E+00	1.43E-01	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	2.51E-04
Michigan	Lake	26085	R	Arsenic Compounds	0.00E+00	0.00E+00	4.24E-04	7.41E-07	2.12E-05	3.70E-08	1.21E-07	2.12E-10	4.45E-04	7.78E-07
Michigan	Lake	26085	R	Benzene	0.00E+00	0.00E+00	1.50E+01	2.63E-02	8.55E+00	1.49E-02	5.75E+01	1.01E-01	8.11E+01	1.42E-01
Michigan	Lake	26085	R	Beryllium Compounds	0.00E+00	0.00E+00	6.10E-05	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-05	1.07E-07

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Lake	26085	R	1,3-Butadiene	0.00E+00	0.00E+00	5.26E+00	9.19E-03	1.07E+00	1.86E-03	4.94E+00	8.63E-03	1.13E+01	1.97E-02
Michigan	Lake	26085	R	Cadmium Compounds	0.00E+00	0.00E+00	1.76E-04	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	3.08E-07
Michigan	Lake	26085	R	Carbon Tetrachloride	0.00E+00	0.00E+00	3.27E-03	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	5.72E-06
Michigan	Lake	26085	R	Chloroform	0.00E+00	0.00E+00	1.64E-02	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02	2.86E-05
Michigan	Lake	26085	R	Chromium Compounds	0.00E+00	0.00E+00	6.91E-04	1.21E-06	1.14E-03	1.99E-06	9.02E-04	1.58E-06	2.73E-03	4.77E-06
Michigan	Lake	26085	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
Michigan	Lake	26085	R	1,3-Dichloropropene	0.00E+00	0.00E+00	7.80E-01	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-01	1.36E-03
Michigan	Lake	26085	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+01	1.93E-02	7.99E+00	1.40E-02	1.90E+01	3.32E-02
Michigan	Lake	26085	R	Ethylene Dibromide	0.00E+00	0.00E+00	7.97E-05	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-05	1.39E-07
Michigan	Lake	26085	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.72E-02	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	3.01E-05
Michigan	Lake	26085	R	Ethylene Oxide	0.00E+00	0.00E+00	5.65E-04	9.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	9.87E-07
Michigan	Lake	26085	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.35E+01	5.85E-02	4.04E+00	7.05E-03	8.38E+00	1.46E-02	4.59E+01	8.02E-02
Michigan	Lake	26085	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.53E-06	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	4.41E-09
Michigan	Lake	26085	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
Michigan	Lake	26085	R	Lead Compounds	0.00E+00	0.00E+00	1.16E-03	2.03E-06	1.61E-03	2.81E-06	0.00E+00	0.00E+00	2.77E-03	4.84E-06
Michigan	Lake	26085	R	Manganese Compounds	0.00E+00	0.00E+00	6.72E-04	1.17E-06	4.92E-04	8.59E-07	1.02E-03	1.77E-06	2.18E-03	3.81E-06
Michigan	Lake	26085	R	Mercury Compounds	0.00E+00	0.00E+00	6.49E-04	1.13E-06	1.61E-05	2.81E-08	2.44E-04	4.26E-07	9.09E-04	1.59E-06
Michigan	Lake	26085	R	Methylene Chloride	0.00E+00	0.00E+00	1.84E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00	3.21E-03
Michigan	Lake	26085	R	Nickel Compounds	0.00E+00	0.00E+00	1.55E-03	2.70E-06	9.03E-04	1.58E-06	4.72E-04	8.25E-07	2.92E-03	5.10E-06
Michigan	Lake	26085	R	Perchloroethylene	0.00E+00	0.00E+00	1.10E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00	1.93E-03
Michigan	Lake	26085	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Lake	26085	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.61E+00	6.32E-03	7.91E-03	1.38E-05	3.62E-02	6.32E-05	3.66E+00	6.39E-03
Michigan	Lake	26085	R	7-PAH	0.00E+00	0.00E+00	2.61E-01	4.57E-04	3.51E-03	6.14E-06	1.87E-02	3.27E-05	2.84E-01	4.96E-04
Michigan	Lake	26085	R	Propylene Dichloride	0.00E+00	0.00E+00	8.65E-03	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-03	1.51E-05
Michigan	Lake	26085	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
Michigan	Lake	26085	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	7.90E-02	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-02	1.38E-04
Michigan	Lake	26085	R	Trichloroethylene	0.00E+00	0.00E+00	2.40E-01	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-01	4.20E-04
Michigan	Lake	26085	R	Vinyl Chloride	0.00E+00	0.00E+00	1.95E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	3.40E-04
Michigan	Lapeer	26087	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.03E+01	1.56E-02	1.03E+01	1.56E-02	1.74E+01	2.64E-02	3.80E+01	5.76E-02
Michigan	Lapeer	26087	U	Acrolein - Primary	0.00E+00	0.00E+00	1.83E+00	2.77E-03	1.29E+00	1.96E-03	2.89E+00	4.39E-03	6.01E+00	9.12E-03
Michigan	Lapeer	26087	U	Acrylonitrile	0.00E+00	0.00E+00	3.25E-01	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-01	4.93E-04
Michigan	Lapeer	26087	U	Arsenic Compounds	0.00E+00	0.00E+00	2.08E-03	3.16E-06	6.11E-05	9.27E-08	1.06E-06	1.60E-09	2.15E-03	3.26E-06
Michigan	Lapeer	26087	U	Benzene	0.00E+00	0.00E+00	8.66E+00	1.31E-02	6.45E+01	9.78E-02	1.09E+02	1.66E-01	1.82E+02	2.76E-01
Michigan	Lapeer	26087	U	Beryllium Compounds	0.00E+00	0.00E+00	6.03E-04	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	9.14E-07
Michigan	Lapeer	26087	U	1,3-Butadiene	0.00E+00	0.00E+00	1.29E+00	1.96E-03	8.04E+00	1.22E-02	9.89E+00	1.50E-02	1.92E+01	2.92E-02
Michigan	Lapeer	26087	U	Cadmium Compounds	0.00E+00	0.00E+00	1.43E-03	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	2.17E-06
Michigan	Lapeer	26087	U	Carbon Tetrachloride	0.00E+00	0.00E+00	2.25E-02	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	3.42E-05
Michigan	Lapeer	26087	U	Chloroform	0.00E+00	0.00E+00	1.84E-01	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01	2.79E-04
Michigan	Lapeer	26087	U	Chromium Compounds	0.00E+00	0.00E+00	7.43E-01	1.13E-03	3.29E-03	4.99E-06	7.84E-03	1.19E-05	7.54E-01	1.14E-03
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
Michigan	Lapeer	26087	U	1,3-Dichloropropene	0.00E+00	0.00E+00	6.84E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E+00	1.04E-02
Michigan	Lapeer	26087	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E+01	1.26E-01	7.65E+01	1.16E-01	1.59E+02	2.42E-01
Michigan	Lapeer	26087	U	Ethylene Dibromide	0.00E+00	0.00E+00	2.02E-04	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	3.06E-07
Michigan	Lapeer	26087	U	Ethylene Dichloride	0.00E+00	0.00E+00	3.90E-02	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-02	5.91E-05
Michigan	Lapeer	26087	U	Ethylene Oxide	0.00E+00	0.00E+00	5.63E-02	8.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-02	8.54E-05
Michigan	Lapeer	26087	U	Formaldehyde - Primary	0.00E+00	0.00E+00	1.15E+02	1.74E-01	3.04E+01	4.61E-02	3.28E+01	4.98E-02	1.78E+02	2.70E-01
Michigan	Lapeer	26087	U	Hexachlorobenzene	0.00E+00	0.00E+00	4.05E-05	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	6.14E-08
Michigan	Lapeer	26087	U	Hydrazine	0.00E+00	0.00E+00	1.33E-05	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	2.02E-08

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Lapeer	26087	U	Lead Compounds	0.00E+00	0.00E+00	2.36E-02	3.58E-05	4.64E-03	7.04E-06	0.00E+00	0.00E+00	2.82E-02	4.28E-05
Michigan	Lapeer	26087	U	Manganese Compounds	0.00E+00	0.00E+00	3.55E-03	5.38E-06	1.42E-03	2.15E-06	8.82E-03	1.34E-05	1.38E-02	2.09E-05
Michigan	Lapeer	26087	U	Mercury Compounds	0.00E+00	0.00E+00	7.60E-03	1.15E-05	4.64E-05	7.04E-08	2.12E-03	3.22E-06	9.76E-03	1.48E-05
Michigan	Lapeer	26087	U	Methylene Chloride	0.00E+00	0.00E+00	1.31E+01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+01	1.98E-02
Michigan	Lapeer	26087	U	Nickel Compounds	0.00E+00	0.00E+00	2.74E-02	4.16E-05	2.61E-03	3.96E-06	4.10E-03	6.23E-06	3.41E-02	5.18E-05
Michigan	Lapeer	26087	U	Perchloroethylene	0.00E+00	0.00E+00	4.73E+00	7.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E+00	7.18E-03
Michigan	Lapeer	26087	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.72E+00	1.02E-02	2.28E-02	3.46E-05	6.54E-02	9.92E-05	6.81E+00	1.03E-02
Michigan	Lapeer	26087	U	7-PAH	0.00E+00	0.00E+00	1.37E-01	2.08E-04	1.01E-02	1.54E-05	3.37E-02	5.12E-05	1.81E-01	2.75E-04
Michigan	Lapeer	26087	U	Propylene Dichloride	0.00E+00	0.00E+00	1.96E-02	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02	2.98E-05
Michigan	Lapeer	26087	U	Quinoline	0.00E+00	0.00E+00	3.18E-05	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	4.83E-08
Michigan	Lapeer	26087	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.75E-01	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	2.65E-04
Michigan	Lapeer	26087	U	Trichloroethylene	0.00E+00	0.00E+00	1.36E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00	2.07E-03
Michigan	Lapeer	26087	U	Vinyl Chloride	0.00E+00	0.00E+00	4.32E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-01	6.55E-04
Michigan	Leelanau	26089	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.26E+00	4.02E-03	2.62E+00	8.34E-03	1.40E+01	4.44E-02	1.79E+01	5.68E-02
Michigan	Leelanau	26089	R	Acrolein - Primary	0.00E+00	0.00E+00	1.39E+00	4.43E-03	4.32E-01	1.37E-03	2.47E+00	7.86E-03	4.30E+00	1.37E-02
Michigan	Leelanau	26089	R	Acrylonitrile	0.00E+00	0.00E+00	7.68E-02	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02	2.44E-04
Michigan	Leelanau	26089	R	Arsenic Compounds	0.00E+00	0.00E+00	8.49E-04	2.70E-06	3.95E-05	1.26E-07	2.27E-07	7.20E-10	8.89E-04	2.83E-06
Michigan	Leelanau	26089	R	Benzene	0.00E+00	0.00E+00	3.75E+00	1.19E-02	1.64E+01	5.22E-02	2.01E+02	6.39E-01	2.21E+02	7.03E-01
Michigan	Leelanau	26089	R	Beryllium Compounds	0.00E+00	0.00E+00	1.29E-04	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	4.10E-07
Michigan	Leelanau	26089	R	1,3-Butadiene	0.00E+00	0.00E+00	1.24E+00	3.95E-03	2.05E+00	6.51E-03	1.67E+01	5.31E-02	2.00E+01	6.36E-02
Michigan	Leelanau	26089	R	Cadmium Compounds	0.00E+00	0.00E+00	4.33E-04	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	1.38E-06
Michigan	Leelanau	26089	R	Carbon Tetrachloride	0.00E+00	0.00E+00	5.76E-03	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-03	1.83E-05
Michigan	Leelanau	26089	R	Chloroform	0.00E+00	0.00E+00	3.99E-02	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02	1.27E-04
Michigan	Leelanau	26089	R	Chromium Compounds	0.00E+00	0.00E+00	1.36E-03	4.32E-06	2.13E-03	6.76E-06	1.68E-03	5.35E-06	5.17E-03	1.64E-05
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
Michigan	Leelanau	26089	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.46E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00	4.64E-03
Michigan	Leelanau	26089	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+01	6.74E-02	4.34E+01	1.38E-01	6.46E+01	2.05E-01
Michigan	Leelanau	26089	R	Ethylene Dibromide	0.00E+00	0.00E+00	4.20E-05	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05	1.33E-07
Michigan	Leelanau	26089	R	Ethylene Dichloride	0.00E+00	0.00E+00	9.11E-03	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-03	2.90E-05
Michigan	Leelanau	26089	R	Ethylene Oxide	0.00E+00	0.00E+00	1.28E-02	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	4.08E-05
Michigan	Leelanau	26089	R	Formaldehyde - Primary	0.00E+00	0.00E+00	7.98E+00	2.54E-02	7.75E+00	2.46E-02	2.47E+01	7.87E-02	4.05E+01	1.29E-01
Michigan	Leelanau	26089	R	Hexachlorobenzene	0.00E+00	0.00E+00	9.00E-06	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-06	2.86E-08
Michigan	Leelanau	26089	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
Michigan	Leelanau	26089	R	Lead Compounds	0.00E+00	0.00E+00	5.77E-03	1.83E-05	3.00E-03	9.54E-06	0.00E+00	0.00E+00	8.77E-03	2.79E-05
Michigan	Leelanau	26089	R	Manganese Compounds	0.00E+00	0.00E+00	1.34E-03	4.26E-06	9.18E-04	2.92E-06	1.89E-03	6.02E-06	4.15E-03	1.32E-05
Michigan	Leelanau	26089	R	Mercury Compounds	0.00E+00	0.00E+00	2.04E-03	6.50E-06	3.00E-05	9.54E-08	4.55E-04	1.45E-06	2.53E-03	8.04E-06
Michigan	Leelanau	26089	R	Methylene Chloride	0.00E+00	0.00E+00	2.91E+00	9.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+00	9.26E-03
Michigan	Leelanau	26089	R	Nickel Compounds	0.00E+00	0.00E+00	3.33E-03	1.06E-05	1.69E-03	5.36E-06	8.81E-04	2.80E-06	5.89E-03	1.87E-05
Michigan	Leelanau	26089	R	Perchloroethylene	0.00E+00	0.00E+00	5.70E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E+00	1.81E-02
Michigan	Leelanau	26089	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.96E+00	1.58E-02	1.48E-02	4.69E-05	1.08E-01	3.44E-04	5.08E+00	1.61E-02
Michigan	Leelanau	26089	R	7-PAH	0.00E+00	0.00E+00	1.27E-01	4.04E-04	6.56E-03	2.08E-05	5.61E-02	1.78E-04	1.90E-01	6.04E-04
Michigan	Leelanau	26089	R	Propylene Dichloride	0.00E+00	0.00E+00	4.60E-03	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-03	1.46E-05
Michigan	Leelanau	26089	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
Michigan	Leelanau	26089	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	4.16E-02	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-02	1.32E-04
Michigan	Leelanau	26089	R	Trichloroethylene	0.00E+00	0.00E+00	3.89E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-01	1.24E-03
Michigan	Leelanau	26089	R	Vinyl Chloride	0.00E+00	0.00E+00	1.02E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	3.26E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Lenawee	26091	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	9.13E-01	1.20E-03	9.22E+00	1.22E-02	1.27E+01	1.68E-02	2.29E+01	3.02E-02
Michigan	Lenawee	26091	U	Acrolein - Primary	0.00E+00	0.00E+00	1.29E+00	1.70E-03	1.85E+00	2.44E-03	2.01E+00	2.65E-03	5.15E+00	6.79E-03
Michigan	Lenawee	26091	U	Acrylonitrile	0.00E+00	0.00E+00	4.52E-01	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-01	5.96E-04
Michigan	Lenawee	26091	U	Arsenic Compounds	0.00E+00	0.00E+00	4.86E-03	6.41E-06	2.09E-04	2.75E-07	1.20E-06	1.58E-09	5.07E-03	6.69E-06
Michigan	Lenawee	26091	U	Benzene	0.00E+00	0.00E+00	6.71E+00	8.86E-03	5.81E+01	7.66E-02	1.54E+01	2.03E-02	8.02E+01	1.06E-01
Michigan	Lenawee	26091	U	Beryllium Compounds	0.00E+00	0.00E+00	7.89E-04	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	1.04E-06
Michigan	Lenawee	26091	U	1,3-Butadiene	0.00E+00	0.00E+00	7.33E-01	9.67E-04	7.23E+00	9.54E-03	2.04E+00	2.69E-03	1.00E+01	1.32E-02
Michigan	Lenawee	26091	U	Cadmium Compounds	0.00E+00	0.00E+00	2.31E-03	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	3.05E-06
Michigan	Lenawee	26091	U	Carbon Tetrachloride	0.00E+00	0.00E+00	2.48E-02	3.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02	3.27E-05
Michigan	Lenawee	26091	U	Chloroform	0.00E+00	0.00E+00	2.07E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	2.73E-04
Michigan	Lenawee	26091	U	Chromium Compounds	0.00E+00	0.00E+00	1.72E-02	2.27E-05	1.12E-02	1.48E-05	8.90E-03	1.17E-05	3.74E-02	4.93E-05
Michigan	Lenawee	26091	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
Michigan	Lenawee	26091	U	1,3-Dichloropropene	0.00E+00	0.00E+00	7.76E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E+00	1.02E-02
Michigan	Lenawee	26091	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E+01	9.70E-02	9.95E+01	1.31E-01	1.73E+02	2.28E-01
Michigan	Lenawee	26091	U	Ethylene Dibromide	0.00E+00	0.00E+00	3.34E-04	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	4.41E-07
Michigan	Lenawee	26091	U	Ethylene Dichloride	0.00E+00	0.00E+00	5.67E-02	7.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-02	7.47E-05
Michigan	Lenawee	26091	U	Ethylene Oxide	0.00E+00	0.00E+00	9.32E-02	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-02	1.23E-04
Michigan	Lenawee	26091	U	Formaldehyde - Primary	0.00E+00	0.00E+00	6.62E+00	8.73E-03	2.72E+01	3.59E-02	2.61E+01	3.45E-02	6.00E+01	7.91E-02
Michigan	Lenawee	26091	U	Hexachlorobenzene	0.00E+00	0.00E+00	7.24E-05	9.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05	9.55E-08
Michigan	Lenawee	26091	U	Hydrazine	0.00E+00	0.00E+00	4.72E-05	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	6.22E-08
Michigan	Lenawee	26091	U	Lead Compounds	0.00E+00	0.00E+00	3.65E-02	4.81E-05	1.59E-02	2.09E-05	6.05E-05	7.98E-08	5.24E-02	6.91E-05
Michigan	Lenawee	26091	U	Manganese Compounds	0.00E+00	0.00E+00	5.50E-01	7.26E-04	4.85E-03	6.40E-06	1.00E-02	1.32E-05	5.65E-01	7.46E-04
Michigan	Lenawee	26091	U	Mercury Compounds	0.00E+00	0.00E+00	8.84E-03	1.17E-05	1.59E-04	2.09E-07	2.41E-03	3.17E-06	1.14E-02	1.50E-05
Michigan	Lenawee	26091	U	Methylene Chloride	0.00E+00	0.00E+00	2.01E+01	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+01	2.65E-02
Michigan	Lenawee	26091	U	Nickel Compounds	0.00E+00	0.00E+00	5.17E-02	6.82E-05	8.91E-03	1.18E-05	4.66E-03	6.15E-06	6.53E-02	8.61E-05
Michigan	Lenawee	26091	U	Perchloroethylene	0.00E+00	0.00E+00	8.82E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E+00	1.16E-02
Michigan	Lenawee	26091	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Lenawee	26091	U	Polycyclic Organic Matter	0.00E+00	0.00E+00	7.79E+00	1.03E-02	7.81E-02	1.03E-04	5.05E-03	6.66E-06	7.87E+00	1.04E-02
Michigan	Lenawee	26091	U	7-PAH	0.00E+00	0.00E+00	1.53E-01	2.01E-04	3.47E-02	4.57E-05	2.38E-03	3.15E-06	1.90E-01	2.50E-04
Michigan	Lenawee	26091	U	Propylene Dichloride	0.00E+00	0.00E+00	2.78E-02	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-02	3.66E-05
Michigan	Lenawee	26091	U	Quinoline	0.00E+00	0.00E+00	1.13E-04	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	1.49E-07
Michigan	Lenawee	26091	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.43E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-01	3.20E-04
Michigan	Lenawee	26091	U	Trichloroethylene	0.00E+00	0.00E+00	2.06E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+00	2.72E-03
Michigan	Lenawee	26091	U	Vinyl Chloride	0.00E+00	0.00E+00	7.51E-01	9.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-01	9.91E-04
Michigan	Livingston	26093	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.28E+00	2.19E-03	1.57E+01	2.67E-02	1.82E+01	3.10E-02	3.52E+01	5.99E-02
Michigan	Livingston	26093	U	Acrolein - Primary	0.00E+00	0.00E+00	1.97E+00	3.36E-03	1.69E+00	2.88E-03	2.87E+00	4.89E-03	6.54E+00	1.11E-02
Michigan	Livingston	26093	U	Acrylonitrile	0.00E+00	0.00E+00	1.83E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01	3.12E-04
Michigan	Livingston	26093	U	Arsenic Compounds	0.00E+00	0.00E+00	3.62E-03	6.17E-06	9.85E-05	1.68E-07	1.70E-06	2.90E-09	3.73E-03	6.34E-06
Michigan	Livingston	26093	U	Benzene	0.00E+00	0.00E+00	7.29E+00	1.24E-02	9.82E+01	1.67E-01	2.37E+01	4.04E-02	1.29E+02	2.20E-01
Michigan	Livingston	26093	U	Beryllium Compounds	0.00E+00	0.00E+00	1.07E-03	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	1.83E-06
Michigan	Livingston	26093	U	1,3-Butadiene	0.00E+00	0.00E+00	1.16E+00	1.97E-03	1.22E+01	2.08E-02	3.15E+00	5.37E-03	1.65E+01	2.82E-02
Michigan	Livingston	26093	U	Cadmium Compounds	0.00E+00	0.00E+00	2.31E-03	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	3.94E-06
Michigan	Livingston	26093	U	Carbon Tetrachloride	0.00E+00	0.00E+00	4.37E-02	7.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-02	7.44E-05
Michigan	Livingston	26093	U	Chloroform	0.00E+00	0.00E+00	2.83E-01	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-01	4.82E-04
Michigan	Livingston	26093	U	Chromium Compounds	0.00E+00	0.00E+00	1.20E-01	2.04E-04	5.30E-03	9.03E-06	1.26E-02	2.15E-05	1.38E-01	2.35E-04
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
Michigan	Livingston	26093	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.10E+01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+01	1.88E-02
Michigan	Livingston	26093	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+02	1.96E-01	1.58E+02	2.69E-01	2.73E+02	4.65E-01

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Livingston	26093	U	Ethylene Dibromide	0.00E+00	0.00E+00	1.44E-04	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	2.45E-07
Michigan	Livingston	26093	U	Ethylene Dichloride	0.00E+00	0.00E+00	2.34E-02	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-02	3.98E-05
Michigan	Livingston	26093	U	Ethylene Oxide	0.00E+00	0.00E+00	5.96E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-02	1.02E-04
Michigan	Livingston	26093	U	Formaldehyde - Primary	0.00E+00	0.00E+00	9.02E+00	1.54E-02	4.63E+01	7.88E-02	3.74E+01	6.37E-02	9.27E+01	1.58E-01
Michigan	Livingston	26093	U	Hexachlorobenzene	0.00E+00	0.00E+00	2.35E-05	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	4.01E-08
Michigan	Livingston	26093	U	Hydrazine	0.00E+00	0.00E+00	2.55E-05	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	4.34E-08
Michigan	Livingston	26093	U	Lead Compounds	0.00E+00	0.00E+00	4.03E-02	6.87E-05	7.48E-03	1.27E-05	0.00E+00	0.00E+00	4.78E-02	8.14E-05
Michigan	Livingston	26093	U	Manganese Compounds	0.00E+00	0.00E+00	9.70E-03	1.65E-05	2.29E-03	3.90E-06	1.42E-02	2.42E-05	2.62E-02	4.46E-05
Michigan	Livingston	26093	U	Mercury Compounds	0.00E+00	0.00E+00	1.17E-02	1.99E-05	7.48E-05	1.27E-07	3.42E-03	5.82E-06	1.52E-02	2.58E-05
Michigan	Livingston	26093	U	Methylene Chloride	0.00E+00	0.00E+00	2.54E+01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E+01	4.32E-02
Michigan	Livingston	26093	U	Nickel Compounds	0.00E+00	0.00E+00	6.17E-02	1.05E-04	4.20E-03	7.16E-06	6.61E-03	1.13E-05	7.25E-02	1.23E-04
Michigan	Livingston	26093	U	Perchloroethylene	0.00E+00	0.00E+00	9.94E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E+00	1.69E-02
Michigan	Livingston	26093	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.04E+01	1.77E-02	3.68E-02	6.27E-05	7.88E-03	1.34E-05	1.04E+01	1.78E-02
Michigan	Livingston	26093	U	7-PAH	0.00E+00	0.00E+00	1.94E-01	3.30E-04	1.63E-02	2.78E-05	3.75E-03	6.39E-06	2.14E-01	3.65E-04
Michigan	Livingston	26093	U	Propylene Dichloride	0.00E+00	0.00E+00	1.13E-02	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	1.92E-05
Michigan	Livingston	26093	U	Quinoline	0.00E+00	0.00E+00	6.09E-05	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	1.04E-07
Michigan	Livingston	26093	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	9.49E-02	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-02	1.62E-04
Michigan	Livingston	26093	U	Trichloroethylene	0.00E+00	0.00E+00	2.45E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00	4.17E-03
Michigan	Livingston	26093	U	Vinyl Chloride	0.00E+00	0.00E+00	2.35E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-01	4.01E-04
Michigan	Luce	26095	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	7.69E+00	8.33E-03	9.18E-01	9.94E-04	5.47E+00	5.92E-03	1.41E+01	1.52E-02
Michigan	Luce	26095	R	Acrolein - Primary	0.00E+00	0.00E+00	8.02E+00	8.69E-03	1.52E-01	1.64E-04	9.69E-01	1.05E-03	9.14E+00	9.90E-03
Michigan	Luce	26095	R	Acrylonitrile	0.00E+00	0.00E+00	1.08E-01	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	1.17E-04
Michigan	Luce	26095	R	Arsenic Compounds	9.37E-04	1.01E-06	2.96E-04	3.21E-07	1.40E-05	1.51E-08	8.00E-08	8.67E-11	1.25E-03	1.35E-06
Michigan	Luce	26095	R	Benzene	0.00E+00	0.00E+00	2.15E+01	2.33E-02	5.74E+00	6.22E-03	8.13E+01	8.80E-02	1.09E+02	1.18E-01
Michigan	Luce	26095	R	Beryllium Compounds	0.00E+00	0.00E+00	4.89E-05	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-05	5.30E-08
Michigan	Luce	26095	R	1,3-Butadiene	0.00E+00	0.00E+00	7.63E+00	8.26E-03	7.16E-01	7.75E-04	6.71E+00	7.27E-03	1.51E+01	1.63E-02
Michigan	Luce	26095	R	Cadmium Compounds	2.32E-04	2.51E-07	3.88E-04	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	6.71E-07
Michigan	Luce	26095	R	Carbon Tetrachloride	0.00E+00	0.00E+00	2.18E-03	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	2.36E-06
Michigan	Luce	26095	R	Chloroform	0.00E+00	0.00E+00	1.44E-02	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	1.55E-05
Michigan	Luce	26095	R	Chromium Compounds	1.76E-03	1.91E-06	4.62E-04	5.00E-07	7.51E-04	8.14E-07	5.95E-04	6.44E-07	3.57E-03	3.87E-06
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
Michigan	Luce	26095	R	1,3-Dichloropropene	0.00E+00	0.00E+00	5.10E-01	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01	5.52E-04
Michigan	Luce	26095	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E+00	8.02E-03	1.35E+01	1.46E-02	2.09E+01	2.26E-02
Michigan	Luce	26095	R	Ethylene Dibromide	0.00E+00	0.00E+00	6.03E-05	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	6.53E-08
Michigan	Luce	26095	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.30E-02	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02	1.41E-05
Michigan	Luce	26095	R	Ethylene Oxide	0.00E+00	0.00E+00	1.21E-02	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02	1.31E-05
Michigan	Luce	26095	R	Formaldehyde - Primary	1.13E+01	1.22E-02	4.86E+01	5.26E-02	2.71E+00	2.93E-03	9.73E+00	1.05E-02	7.23E+01	7.83E-02
Michigan	Luce	26095	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.33E-06	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-06	1.44E-09
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
Michigan	Luce	26095	R	Lead Compounds	4.96E-03	5.37E-06	6.76E-03	7.33E-06	1.06E-03	1.15E-06	0.00E+00	0.00E+00	1.28E-02	1.38E-05
Michigan	Luce	26095	R	Manganese Compounds	1.44E-01	1.55E-04	4.85E-04	5.25E-07	3.24E-04	3.51E-07	6.69E-04	7.25E-07	1.45E-01	1.57E-04
Michigan	Luce	26095	R	Mercury Compounds	5.73E-05	6.20E-08	3.23E-03	3.49E-06	1.06E-05	1.15E-08	1.61E-04	1.74E-07	3.45E-03	3.74E-06
Michigan	Luce	26095	R	Methylene Chloride	0.00E+00	0.00E+00	1.31E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00	1.42E-03
Michigan	Luce	26095	R	Nickel Compounds	2.32E-04	2.51E-07	2.05E-03	2.22E-06	5.96E-04	6.45E-07	3.11E-04	3.37E-07	3.19E-03	3.45E-06
Michigan	Luce	26095	R	Perchloroethylene	0.00E+00	0.00E+00	1.03E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00	1.11E-03
Michigan	Luce	26095	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	1.02E-06	1.11E-09	3.08E+00	3.33E-03	5.22E-03	5.65E-06	4.28E-02	4.64E-05	3.13E+00	3.38E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Luce	26095	R	7-PAH	9.49E-09	1.03E-11	3.21E-01	3.48E-04	2.32E-03	2.51E-06	2.22E-02	2.40E-05	3.45E-01	3.74E-04
Michigan	Luce	26095	R	Propylene Dichloride	0.00E+00	0.00E+00	6.55E-03	7.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-03	7.09E-06
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
Michigan	Luce	26095	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	5.98E-02	6.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02	6.48E-05
Michigan	Luce	26095	R	Trichloroethylene	0.00E+00	0.00E+00	2.31E-01	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01	2.50E-04
Michigan	Luce	26095	R	Vinyl Chloride	0.00E+00	0.00E+00	1.47E-01	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01	1.59E-04
Michigan	Mackinac	26097	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	8.09E+00	8.79E-03	1.31E+00	1.42E-03	6.42E+00	6.97E-03	1.58E+01	1.72E-02
Michigan	Mackinac	26097	R	Acrolein - Primary	0.00E+00	0.00E+00	8.46E+00	9.19E-03	2.35E-01	2.56E-04	1.24E+00	1.34E-03	9.93E+00	1.08E-02
Michigan	Mackinac	26097	R	Acrylonitrile	0.00E+00	0.00E+00	3.05E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-01	3.32E-04
Michigan	Mackinac	26097	R	Arsenic Compounds	0.00E+00	0.00E+00	4.92E-04	5.34E-07	2.38E-05	2.59E-08	2.74E-03	2.98E-06	3.25E-03	3.54E-06
Michigan	Mackinac	26097	R	Benzene	0.00E+00	0.00E+00	2.55E+01	2.77E-02	8.23E+00	8.94E-03	8.78E+01	9.54E-02	1.22E+02	1.32E-01
Michigan	Mackinac	26097	R	Beryllium Compounds	0.00E+00	0.00E+00	7.90E-05	8.58E-08	0.00E+00	0.00E+00	2.73E-05	2.97E-08	1.06E-04	1.15E-07
Michigan	Mackinac	26097	R	1,3-Butadiene	0.00E+00	0.00E+00	8.02E+00	8.72E-03	1.03E+00	1.11E-03	7.30E+00	7.93E-03	1.64E+01	1.78E-02
Michigan	Mackinac	26097	R	Cadmium Compounds	0.00E+00	0.00E+00	1.63E-04	1.77E-07	0.00E+00	0.00E+00	3.83E-04	4.16E-07	5.46E-04	5.93E-07
Michigan	Mackinac	26097	R	Carbon Tetrachloride	0.00E+00	0.00E+00	3.95E-03	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	4.29E-06
Michigan	Mackinac	26097	R	Chloroform	0.00E+00	0.00E+00	1.87E-02	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02	2.03E-05
Michigan	Mackinac	26097	R	Chromium Compounds	0.00E+00	0.00E+00	7.70E-04	8.37E-07	1.28E-03	1.39E-06	1.52E-02	1.65E-05	1.72E-02	1.87E-05
Michigan	Mackinac	26097	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
Michigan	Mackinac	26097	R	1,3-Dichloropropene	0.00E+00	0.00E+00	8.80E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-01	9.56E-04
Michigan	Mackinac	26097	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01	1.14E-02	1.89E+01	2.06E-02	2.94E+01	3.20E-02
Michigan	Mackinac	26097	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.70E-04	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	1.85E-07
Michigan	Mackinac	26097	R	Ethylene Dichloride	0.00E+00	0.00E+00	3.79E-02	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02	4.11E-05
Michigan	Mackinac	26097	R	Ethylene Oxide	0.00E+00	0.00E+00	1.24E-02	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	1.35E-05
Michigan	Mackinac	26097	R	Formaldehyde - Primary	0.00E+00	0.00E+00	5.11E+01	5.55E-02	3.87E+00	4.21E-03	1.16E+01	1.26E-02	6.66E+01	7.23E-02
Michigan	Mackinac	26097	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.36E-06	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-06	3.65E-09
Michigan	Mackinac	26097	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
Michigan	Mackinac	26097	R	Lead Compounds	0.00E+00	0.00E+00	3.22E-03	3.50E-06	1.81E-03	1.97E-06	1.50E-03	1.63E-06	6.54E-03	7.10E-06
Michigan	Mackinac	26097	R	Manganese Compounds	0.00E+00	0.00E+00	7.76E-04	8.43E-07	5.54E-04	6.02E-07	1.23E-02	1.34E-05	1.37E-02	1.48E-05
Michigan	Mackinac	26097	R	Mercury Compounds	0.00E+00	0.00E+00	3.05E-04	3.31E-07	1.81E-05	1.97E-08	3.85E-04	4.19E-07	7.09E-04	7.70E-07
Michigan	Mackinac	26097	R	Methylene Chloride	0.00E+00	0.00E+00	2.69E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E+00	2.92E-03
Michigan	Mackinac	26097	R	Nickel Compounds	0.00E+00	0.00E+00	2.03E-03	2.20E-06	1.02E-03	1.11E-06	1.09E-01	1.19E-04	1.12E-01	1.22E-04
Michigan	Mackinac	26097	R	Perchloroethylene	0.00E+00	0.00E+00	1.53E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00	1.66E-03
Michigan	Mackinac	26097	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Mackinac	26097	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.63E+00	5.03E-03	8.91E-03	9.68E-06	4.72E-02	5.13E-05	4.69E+00	5.09E-03
Michigan	Mackinac	26097	R	7-PAH	0.00E+00	0.00E+00	3.72E-01	4.05E-04	3.96E-03	4.30E-06	2.39E-02	2.59E-05	4.00E-01	4.35E-04
Michigan	Mackinac	26097	R	Propylene Dichloride	0.00E+00	0.00E+00	1.84E-02	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-02	2.00E-05
Michigan	Mackinac	26097	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
Michigan	Mackinac	26097	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.69E-01	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-01	1.83E-04
Michigan	Mackinac	26097	R	Trichloroethylene	0.00E+00	0.00E+00	5.29E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-01	5.75E-04
Michigan	Mackinac	26097	R	Vinyl Chloride	0.00E+00	0.00E+00	4.15E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01	4.51E-04
Michigan	Macomb	26099	U	Acetaldehyde - Primary	1.08E-04	2.28E-07	2.01E+00	4.26E-03	7.07E+01	1.50E-01	1.09E+02	2.31E-01	1.82E+02	3.85E-01
Michigan	Macomb	26099	U	Acrolein - Primary	5.48E-05	1.16E-07	5.11E+00	1.08E-02	1.14E+01	2.42E-02	1.75E+01	3.70E-02	3.40E+01	7.20E-02
Michigan	Macomb	26099	U	Acrylonitrile	2.21E+00	4.69E-03	8.03E-01	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00	6.39E-03
Michigan	Macomb	26099	U	Arsenic Compounds	1.64E+01	3.47E-02	2.84E-02	6.01E-05	5.56E-04	1.18E-06	4.49E-03	9.52E-06	1.64E+01	3.48E-02
Michigan	Macomb	26099	U	Benzene	5.71E+00	1.21E-02	1.83E+01	3.88E-02	4.80E+02	1.02E+00	2.24E+02	4.74E-01	7.27E+02	1.54E+00
Michigan	Macomb	26099	U	Beryllium Compounds	3.97E-06	8.41E-09	7.29E-03	1.55E-05	0.00E+00	0.00E+00	4.47E-05	9.48E-08	7.34E-03	1.56E-05
Michigan	Macomb	26099	U	1,3-Butadiene	0.00E+00	0.00E+00	7.55E-01	1.60E-03	5.99E+01	1.27E-01	2.73E+01	5.79E-02	8.80E+01	1.87E-01
Michigan	Macomb	26099	U	Cadmium Compounds	6.47E-02	1.37E-04	1.93E-02	4.08E-05	0.00E+00	0.00E+00	6.26E-04	1.33E-06	8.46E-02	1.79E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Macomb	26099	U	Carbon Tetrachloride	4.05E-03	8.59E-06	2.38E-01	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01	5.13E-04
Michigan	Macomb	26099	U	Chloroform	2.36E-02	5.00E-05	1.68E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00	3.62E-03
Michigan	Macomb	26099	U	Chromium Compounds	2.89E+00	6.12E-03	1.83E+00	3.88E-03	2.99E-02	6.35E-05	9.45E-02	2.00E-04	4.84E+00	1.03E-02
Michigan	Macomb	26099	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
Michigan	Macomb	26099	U	1,3-Dichloropropene	0.00E+00	0.00E+00	6.23E+01	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E+01	1.32E-01
Michigan	Macomb	26099	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+02	7.03E-01	6.22E+02	1.32E+00	9.54E+02	2.02E+00
Michigan	Macomb	26099	U	Ethylene Dibromide	1.24E-03	2.62E-06	6.32E-04	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	3.96E-06
Michigan	Macomb	26099	U	Ethylene Dichloride	2.67E-01	5.66E-04	9.64E-02	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-01	7.71E-04
Michigan	Macomb	26099	U	Ethylene Oxide	0.00E+00	0.00E+00	5.49E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-01	1.16E-03
Michigan	Macomb	26099	U	Formaldehyde - Primary	1.40E+01	2.97E-02	2.14E+01	4.54E-02	2.09E+02	4.42E-01	2.23E+02	4.73E-01	4.67E+02	9.90E-01
Michigan	Macomb	26099	U	Hexachlorobenzene	0.00E+00	0.00E+00	1.86E-05	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	3.93E-08
Michigan	Macomb	26099	U	Hydrazine	0.00E+00	0.00E+00	1.20E-04	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	2.55E-07
Michigan	Macomb	26099	U	Lead Compounds	5.93E+00	1.26E-02	3.74E-01	7.94E-04	4.23E-02	8.96E-05	2.46E-03	5.21E-06	6.35E+00	1.35E-02
Michigan	Macomb	26099	U	Manganese Compounds	8.25E+00	1.75E-02	3.31E-01	7.02E-04	1.29E-02	2.74E-05	9.86E-02	2.09E-04	8.69E+00	1.84E-02
Michigan	Macomb	26099	U	Mercury Compounds	5.60E-01	1.19E-03	1.00E-01	2.13E-04	4.23E-04	8.96E-07	1.95E-02	4.13E-05	6.80E-01	1.44E-03
Michigan	Macomb	26099	U	Methylene Chloride	8.00E+00	1.70E-02	1.55E+02	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+02	3.45E-01
Michigan	Macomb	26099	U	Nickel Compounds	1.15E-02	2.43E-05	7.61E-01	1.61E-03	2.37E-02	5.03E-05	2.15E-01	4.56E-04	1.01E+00	2.14E-03
Michigan	Macomb	26099	U	Perchloroethylene	4.07E+00	8.63E-03	6.22E+01	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E+01	1.40E-01
Michigan	Macomb	26099	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Macomb	26099	U	Polycyclic Organic Matter	4.62E-06	9.80E-09	5.95E+01	1.26E-01	2.08E-01	4.41E-04	9.46E-02	2.00E-04	5.98E+01	1.27E-01
Michigan	Macomb	26099	U	7-PAH	2.18E-03	4.61E-06	1.02E+00	2.17E-03	9.23E-02	1.96E-04	4.62E-02	9.80E-05	1.17E+00	2.47E-03
Michigan	Macomb	26099	U	Propylene Dichloride	1.34E-01	2.84E-04	4.86E-02	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01	3.87E-04
Michigan	Macomb	26099	U	Quinoline	0.00E+00	0.00E+00	2.87E-04	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	6.08E-07
Michigan	Macomb	26099	U	1,1,2,2-Tetrachloroethane	1.23E+00	2.60E-03	4.02E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00	3.45E-03
Michigan	Macomb	26099	U	Trichloroethylene	9.67E+01	2.05E-01	1.69E+01	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+02	2.41E-01
Michigan	Macomb	26099	U	Vinyl Chloride	3.02E+00	6.40E-03	1.05E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+00	8.62E-03
Michigan	Manistee	26101	R	Acetaldehyde - Primary	1.54E+01	2.79E-02	3.84E+00	6.94E-03	2.37E+00	4.28E-03	6.47E+00	1.17E-02	2.81E+01	5.08E-02
Michigan	Manistee	26101	R	Acrolein - Primary	0.00E+00	0.00E+00	3.86E+00	6.98E-03	4.54E-01	8.21E-04	1.12E+00	2.03E-03	5.44E+00	9.83E-03
Michigan	Manistee	26101	R	Acrylonitrile	0.00E+00	0.00E+00	3.14E-01	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-01	5.68E-04
Michigan	Manistee	26101	R	Arsenic Compounds	0.00E+00	0.00E+00	2.23E-03	4.03E-06	4.94E-05	8.93E-08	2.83E-07	5.12E-10	2.28E-03	4.12E-06
Michigan	Manistee	26101	R	Benzene	1.22E+02	2.20E-01	1.88E+01	3.40E-02	1.49E+01	2.69E-02	6.24E+01	1.13E-01	2.18E+02	3.94E-01
Michigan	Manistee	26101	R	Beryllium Compounds	0.00E+00	0.00E+00	1.77E-04	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	3.20E-07
Michigan	Manistee	26101	R	1,3-Butadiene	0.00E+00	0.00E+00	3.57E+00	6.46E-03	1.85E+00	3.35E-03	5.34E+00	9.66E-03	1.08E+01	1.95E-02
Michigan	Manistee	26101	R	Cadmium Compounds	0.00E+00	0.00E+00	9.93E-04	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04	1.80E-06
Michigan	Manistee	26101	R	Carbon Tetrachloride	0.00E+00	0.00E+00	8.33E-03	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-03	1.51E-05
Michigan	Manistee	26101	R	Chloroform	0.00E+00	0.00E+00	4.39E-02	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02	7.93E-05
Michigan	Manistee	26101	R	Chromium Compounds	0.00E+00	0.00E+00	5.85E-03	1.06E-05	2.66E-03	4.81E-06	2.11E-03	3.81E-06	1.06E-02	1.92E-05
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
Michigan	Manistee	26101	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.83E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00	3.31E-03
Michigan	Manistee	26101	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+01	3.42E-02	1.84E+01	3.33E-02	3.74E+01	6.75E-02
Michigan	Manistee	26101	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.99E-04	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	3.60E-07
Michigan	Manistee	26101	R	Ethylene Dichloride	0.00E+00	0.00E+00	4.15E-02	7.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02	7.50E-05
Michigan	Manistee	26101	R	Ethylene Oxide	0.00E+00	0.00E+00	2.52E-02	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-02	4.56E-05
Michigan	Manistee	26101	R	Formaldehyde - Primary	7.00E+01	1.27E-01	2.57E+01	4.65E-02	6.99E+00	1.26E-02	1.23E+01	2.22E-02	1.15E+02	2.08E-01
Michigan	Manistee	26101	R	Hexachlorobenzene	0.00E+00	0.00E+00	7.03E-06	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-06	1.27E-08
Michigan	Manistee	26101	R	Hydrazine	0.00E+00	0.00E+00	1.33E-05	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	2.41E-08
Michigan	Manistee	26101	R	Lead Compounds	0.00E+00	0.00E+00	1.49E-02	2.69E-05	3.75E-03	6.79E-06	1.89E-02	3.42E-05	3.76E-02	6.79E-05
Michigan	Manistee	26101	R	Manganese Compounds	0.00E+00	0.00E+00	1.46E-01	2.63E-04	1.15E-03	2.07E-06	2.37E-03	4.28E-06	1.49E-01	2.70E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Manistee	26101	R	Mercury Compounds	0.00E+00	0.00E+00	4.52E-03	8.16E-06	3.75E-05	6.79E-08	5.69E-04	1.03E-06	5.12E-03	9.26E-06
Michigan	Manistee	26101	R	Methylene Chloride	0.00E+00	0.00E+00	4.38E+00	7.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E+00	7.92E-03
Michigan	Manistee	26101	R	Nickel Compounds	0.00E+00	0.00E+00	9.77E-03	1.77E-05	2.11E-03	3.81E-06	1.10E-03	1.99E-06	1.30E-02	2.35E-05
Michigan	Manistee	26101	R	Perchloroethylene	0.00E+00	0.00E+00	1.86E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00	3.37E-03
Michigan	Manistee	26101	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	7.26E+00	1.31E-02	1.85E-02	3.34E-05	3.24E-02	5.86E-05	7.31E+00	1.32E-02
Michigan	Manistee	26101	R	7-PAH	0.00E+00	0.00E+00	2.63E-01	4.76E-04	8.20E-03	1.48E-05	1.67E-02	3.01E-05	2.88E-01	5.21E-04
Michigan	Manistee	26101	R	Propylene Dichloride	0.00E+00	0.00E+00	1.92E-02	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-02	3.46E-05
Michigan	Manistee	26101	R	Quinoline	0.00E+00	0.00E+00	3.18E-05	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	5.75E-08
Michigan	Manistee	26101	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.72E-01	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-01	3.12E-04
Michigan	Manistee	26101	R	Trichloroethylene	0.00E+00	0.00E+00	6.80E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-01	1.23E-03
Michigan	Manistee	26101	R	Vinyl Chloride	0.00E+00	0.00E+00	4.25E-01	7.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-01	7.69E-04
Michigan	Marquette	26103	R	Acetaldehyde - Primary	5.31E-01	2.85E-04	1.58E+01	8.51E-03	5.18E+00	2.78E-03	1.67E+01	8.99E-03	3.83E+01	2.06E-02
Michigan	Marquette	26103	R	Acrolein - Primary	2.70E-01	1.45E-04	1.68E+01	9.02E-03	1.12E+00	6.01E-04	3.26E+00	1.75E-03	2.14E+01	1.15E-02
Michigan	Marquette	26103	R	Acrylonitrile	0.00E+00	0.00E+00	3.51E-01	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01	1.89E-04
Michigan	Marquette	26103	R	Arsenic Compounds	3.82E-01	2.05E-04	3.26E-03	1.75E-06	1.33E-04	7.16E-08	1.32E-03	7.09E-07	3.87E-01	2.08E-04
Michigan	Marquette	26103	R	Benzene	1.21E+00	6.51E-04	4.75E+01	2.55E-02	3.28E+01	1.76E-02	1.38E+02	7.41E-02	2.19E+02	1.18E-01
Michigan	Marquette	26103	R	Beryllium Compounds	1.97E-02	1.06E-05	4.90E-04	2.63E-07	0.00E+00	0.00E+00	1.32E-05	7.07E-09	2.02E-02	1.08E-05
Michigan	Marquette	26103	R	1,3-Butadiene	0.00E+00	0.00E+00	1.57E+01	8.43E-03	4.08E+00	2.19E-03	1.22E+01	6.58E-03	3.20E+01	1.72E-02
Michigan	Marquette	26103	R	Cadmium Compounds	4.76E-02	2.56E-05	2.40E-03	1.29E-06	0.00E+00	0.00E+00	1.84E-04	9.90E-08	5.02E-02	2.70E-05
Michigan	Marquette	26103	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.20E-02	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	6.45E-06
Michigan	Marquette	26103	R	Chloroform	0.00E+00	0.00E+00	1.34E-01	7.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01	7.20E-05
Michigan	Marquette	26103	R	Chromium Compounds	2.42E-01	1.30E-04	5.21E-03	2.80E-06	7.17E-03	3.85E-06	1.25E-02	6.71E-06	2.67E-01	1.44E-04
Michigan	Marquette	26103	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
Michigan	Marquette	26103	R	1,3-Dichloropropene	0.00E+00	0.00E+00	4.95E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E+00	2.66E-03
Michigan	Marquette	26103	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+01	2.19E-02	5.10E+01	2.74E-02	9.18E+01	4.93E-02
Michigan	Marquette	26103	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.10E-04	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	1.13E-07
Michigan	Marquette	26103	R	Ethylene Dichloride	3.73E-02	2.00E-05	4.33E-02	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02	4.33E-05
Michigan	Marquette	26103	R	Ethylene Oxide	0.00E+00	0.00E+00	1.25E-01	6.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-01	6.74E-05
Michigan	Marquette	26103	R	Formaldehyde - Primary	2.31E-01	1.24E-04	1.00E+02	5.38E-02	1.53E+01	8.21E-03	3.35E+01	1.80E-02	1.49E+02	8.01E-02
Michigan	Marquette	26103	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.64E-06	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	1.42E-09
Michigan	Marquette	26103	R	Hydrazine	0.00E+00	0.00E+00	9.13E-06	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-06	4.91E-09
Michigan	Marquette	26103	R	Lead Compounds	3.92E-01	2.10E-04	3.21E-02	1.73E-05	1.01E-02	5.44E-06	3.16E-01	1.70E-04	7.50E-01	4.03E-04
Michigan	Marquette	26103	R	Manganese Compounds	4.57E-01	2.45E-04	1.75E-02	9.43E-06	3.10E-03	1.66E-06	1.18E-02	6.33E-06	4.89E-01	2.63E-04
Michigan	Marquette	26103	R	Mercury Compounds	1.31E-01	7.05E-05	1.58E-02	8.48E-06	1.01E-04	5.44E-08	1.59E-03	8.54E-07	1.49E-01	7.99E-05
Michigan	Marquette	26103	R	Methylene Chloride	2.70E-01	1.45E-04	1.06E+01	5.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+01	5.85E-03
Michigan	Marquette	26103	R	Nickel Compounds	2.61E-01	1.40E-04	1.63E-02	8.75E-06	5.69E-03	3.06E-06	5.53E-02	2.97E-05	3.38E-01	1.82E-04
Michigan	Marquette	26103	R	Perchloroethylene	4.01E-02	2.15E-05	7.40E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E+00	4.00E-03
Michigan	Marquette	26103	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Marquette	26103	R	Polycyclic Organic Matter	1.80E-02	9.68E-06	2.06E+01	1.11E-02	4.98E-02	2.68E-05	7.47E-02	4.01E-05	2.07E+01	1.11E-02
Michigan	Marquette	26103	R	7-PAH	3.65E-04	1.96E-07	1.02E+00	5.48E-04	2.21E-02	1.19E-05	3.66E-02	1.97E-05	1.08E+00	5.79E-04
Michigan	Marquette	26103	R	Propylene Dichloride	0.00E+00	0.00E+00	2.12E-02	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-02	1.14E-05
Michigan	Marquette	26103	R	Quinoline	0.00E+00	0.00E+00	2.18E-05	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05	1.17E-08
Michigan	Marquette	26103	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.91E-01	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-01	1.03E-04
Michigan	Marquette	26103	R	Trichloroethylene	0.00E+00	0.00E+00	1.86E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00	1.00E-03
Michigan	Marquette	26103	R	Vinyl Chloride	0.00E+00	0.00E+00	5.21E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-01	2.80E-04
Michigan	Mason	26105	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.17E+00	4.37E-03	2.78E+00	5.58E-03	7.02E+00	1.41E-02	1.20E+01	2.40E-02
Michigan	Mason	26105	R	Acrolein - Primary	0.00E+00	0.00E+00	2.39E+00	4.80E-03	5.40E-01	1.08E-03	1.23E+00	2.46E-03	4.16E+00	8.35E-03

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Mason	26105	R	Acrylonitrile	0.00E+00	0.00E+00	3.48E-01	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01	6.99E-04
Michigan	Mason	26105	R	Arsenic Compounds	0.00E+00	0.00E+00	1.49E-03	2.98E-06	5.95E-05	1.19E-07	1.02E-03	2.05E-06	2.57E-03	5.15E-06
Michigan	Mason	26105	R	Benzene	0.00E+00	0.00E+00	7.24E+00	1.45E-02	1.75E+01	3.51E-02	6.34E+01	1.27E-01	8.81E+01	1.77E-01
Michigan	Mason	26105	R	Beryllium Compounds	0.00E+00	0.00E+00	2.25E-04	4.51E-07	0.00E+00	0.00E+00	1.02E-05	2.05E-08	2.35E-04	4.72E-07
Michigan	Mason	26105	R	1,3-Butadiene	0.00E+00	0.00E+00	2.14E+00	4.30E-03	2.18E+00	4.37E-03	5.39E+00	1.08E-02	9.71E+00	1.95E-02
Michigan	Mason	26105	R	Cadmium Compounds	0.00E+00	0.00E+00	8.59E-04	1.72E-06	0.00E+00	0.00E+00	1.43E-04	2.86E-07	1.00E-03	2.01E-06
Michigan	Mason	26105	R	Carbon Tetrachloride	0.00E+00	0.00E+00	9.09E-03	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-03	1.83E-05
Michigan	Mason	26105	R	Chloroform	0.00E+00	0.00E+00	5.37E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	1.08E-04
Michigan	Mason	26105	R	Chromium Compounds	0.00E+00	0.00E+00	4.38E-03	8.80E-06	3.20E-03	6.43E-06	7.81E-03	1.57E-05	1.54E-02	3.09E-05
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
Michigan	Mason	26105	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.21E+00	4.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00	4.44E-03
Michigan	Mason	26105	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+01	4.46E-02	4.27E+01	8.57E-02	6.49E+01	1.30E-01
Michigan	Mason	26105	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.93E-04	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	3.88E-07
Michigan	Mason	26105	R	Ethylene Dichloride	0.00E+00	0.00E+00	4.18E-02	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-02	8.39E-05
Michigan	Mason	26105	R	Ethylene Oxide	0.00E+00	0.00E+00	2.51E-02	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-02	5.04E-05
Michigan	Mason	26105	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.38E+01	2.78E-02	8.21E+00	1.65E-02	1.33E+01	2.67E-02	3.53E+01	7.10E-02
Michigan	Mason	26105	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.30E-05	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	2.61E-08
Michigan	Mason	26105	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
Michigan	Mason	26105	R	Lead Compounds	0.00E+00	0.00E+00	1.19E-02	2.39E-05	4.52E-03	9.08E-06	5.60E-04	1.12E-06	1.70E-02	3.41E-05
Michigan	Mason	26105	R	Manganese Compounds	0.00E+00	0.00E+00	2.45E-03	4.92E-06	1.38E-03	2.78E-06	7.02E-03	1.41E-05	1.09E-02	2.18E-05
Michigan	Mason	26105	R	Mercury Compounds	0.00E+00	0.00E+00	4.56E-03	9.16E-06	4.52E-05	9.08E-08	7.27E-04	1.46E-06	5.34E-03	1.07E-05
Michigan	Mason	26105	R	Methylene Chloride	0.00E+00	0.00E+00	5.21E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E+00	1.05E-02
Michigan	Mason	26105	R	Nickel Compounds	0.00E+00	0.00E+00	1.34E-02	2.69E-05	2.54E-03	5.10E-06	4.18E-02	8.40E-05	5.78E-02	1.16E-04
Michigan	Mason	26105	R	Perchloroethylene	0.00E+00	0.00E+00	2.74E+00	5.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E+00	5.49E-03
Michigan	Mason	26105	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	7.70E+00	1.55E-02	2.22E-02	4.46E-05	3.31E-02	6.65E-05	7.75E+00	1.56E-02
Michigan	Mason	26105	R	7-PAH	0.00E+00	0.00E+00	2.22E-01	4.45E-04	9.87E-03	1.98E-05	1.69E-02	3.39E-05	2.49E-01	4.99E-04
Michigan	Mason	26105	R	Propylene Dichloride	0.00E+00	0.00E+00	2.10E-02	4.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-02	4.22E-05
Michigan	Mason	26105	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
Michigan	Mason	26105	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.92E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01	3.85E-04
Michigan	Mason	26105	R	Trichloroethylene	0.00E+00	0.00E+00	8.30E-01	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-01	1.67E-03
Michigan	Mason	26105	R	Vinyl Chloride	0.00E+00	0.00E+00	4.72E-01	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-01	9.47E-04
Michigan	Mecosta	26107	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.21E+00	3.91E-03	4.03E+00	7.13E-03	5.00E+00	8.83E-03	1.12E+01	1.99E-02
Michigan	Mecosta	26107	R	Acrolein - Primary	0.00E+00	0.00E+00	2.20E+00	3.89E-03	7.68E-01	1.36E-03	7.88E-01	1.39E-03	3.76E+00	6.64E-03
Michigan	Mecosta	26107	R	Acrylonitrile	0.00E+00	0.00E+00	2.42E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01	4.28E-04
Michigan	Mecosta	26107	R	Arsenic Compounds	0.00E+00	0.00E+00	1.93E-03	3.41E-06	8.28E-05	1.46E-07	4.75E-07	8.39E-10	2.01E-03	3.55E-06
Michigan	Mecosta	26107	R	Benzene	0.00E+00	0.00E+00	1.02E+01	1.80E-02	2.54E+01	4.48E-02	5.50E+00	9.71E-03	4.11E+01	7.26E-02
Michigan	Mecosta	26107	R	Beryllium Compounds	0.00E+00	0.00E+00	2.85E-04	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	5.03E-07
Michigan	Mecosta	26107	R	1,3-Butadiene	0.00E+00	0.00E+00	1.90E+00	3.36E-03	3.16E+00	5.58E-03	6.60E-01	1.17E-03	5.72E+00	1.01E-02
Michigan	Mecosta	26107	R	Cadmium Compounds	0.00E+00	0.00E+00	6.78E-04	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	1.20E-06
Michigan	Mecosta	26107	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.12E-02	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	1.98E-05
Michigan	Mecosta	26107	R	Chloroform	0.00E+00	0.00E+00	7.27E-02	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02	1.29E-04
Michigan	Mecosta	26107	R	Chromium Compounds	0.00E+00	0.00E+00	1.35E-02	2.38E-05	4.46E-03	7.87E-06	3.53E-03	6.23E-06	2.14E-02	3.79E-05
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
Michigan	Mecosta	26107	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.07E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00	5.42E-03
Michigan	Mecosta	26107	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E+01	5.70E-02	3.27E+01	5.77E-02	6.49E+01	1.15E-01
Michigan	Mecosta	26107	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.42E-04	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	2.51E-07
Michigan	Mecosta	26107	R	Ethylene Dichloride	0.00E+00	0.00E+00	3.02E-02	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-02	5.34E-05

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Mecosta	26107	R	Ethylene Oxide	0.00E+00	0.00E+00	2.59E-02	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02	4.57E-05
Michigan	Mecosta	26107	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.56E+01	2.75E-02	1.19E+01	2.10E-02	1.02E+01	1.80E-02	3.77E+01	6.65E-02
Michigan	Mecosta	26107	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.07E-05	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	3.65E-08
Michigan	Mecosta	26107	R	Hydrazine	0.00E+00	0.00E+00	4.57E-06	8.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	8.07E-09
Michigan	Mecosta	26107	R	Lead Compounds	0.00E+00	0.00E+00	1.27E-02	2.24E-05	6.29E-03	1.11E-05	0.00E+00	0.00E+00	1.90E-02	3.36E-05
Michigan	Mecosta	26107	R	Manganese Compounds	0.00E+00	0.00E+00	3.13E-03	5.54E-06	1.92E-03	3.40E-06	3.97E-03	7.02E-06	9.03E-03	1.60E-05
Michigan	Mecosta	26107	R	Mercury Compounds	0.00E+00	0.00E+00	1.52E-03	2.68E-06	6.29E-05	1.11E-07	9.54E-04	1.69E-06	2.53E-03	4.48E-06
Michigan	Mecosta	26107	R	Methylene Chloride	0.00E+00	0.00E+00	6.39E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E+00	1.13E-02
Michigan	Mecosta	26107	R	Nickel Compounds	0.00E+00	0.00E+00	1.36E-02	2.41E-05	3.53E-03	6.24E-06	1.85E-03	3.26E-06	1.90E-02	3.36E-05
Michigan	Mecosta	26107	R	Perchloroethylene	0.00E+00	0.00E+00	2.88E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E+00	5.09E-03
Michigan	Mecosta	26107	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.08E+01	1.91E-02	3.09E-02	5.47E-05	1.98E-03	3.50E-06	1.08E+01	1.92E-02
Michigan	Mecosta	26107	R	7-PAH	0.00E+00	0.00E+00	2.73E-01	4.82E-04	1.37E-02	2.43E-05	9.33E-04	1.65E-06	2.87E-01	5.07E-04
Michigan	Mecosta	26107	R	Propylene Dichloride	0.00E+00	0.00E+00	1.46E-02	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	2.59E-05
Michigan	Mecosta	26107	R	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.93E-08
Michigan	Mecosta	26107	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.32E-01	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	2.34E-04
Michigan	Mecosta	26107	R	Trichloroethylene	0.00E+00	0.00E+00	8.95E-01	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-01	1.58E-03
Michigan	Mecosta	26107	R	Vinyl Chloride	0.00E+00	0.00E+00	3.26E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-01	5.76E-04
Michigan	Menominee	26109	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	7.90E+00	7.67E-03	2.55E+00	2.47E-03	4.59E+00	4.45E-03	1.50E+01	1.46E-02
Michigan	Menominee	26109	R	Acrolein - Primary	0.00E+00	0.00E+00	8.29E+00	8.05E-03	4.88E-01	4.74E-04	7.55E-01	7.33E-04	9.54E+00	9.26E-03
Michigan	Menominee	26109	R	Acrylonitrile	1.41E-01	1.36E-04	7.47E-02	7.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-01	2.09E-04
Michigan	Menominee	26109	R	Arsenic Compounds	0.00E+00	0.00E+00	4.71E-02	4.57E-05	5.28E-05	5.12E-08	3.03E-07	2.94E-10	4.72E-02	4.58E-05
Michigan	Menominee	26109	R	Benzene	3.63E-01	3.52E-04	2.44E+01	2.37E-02	1.60E+01	1.56E-02	2.77E+01	2.68E-02	6.84E+01	6.64E-02
Michigan	Menominee	26109	R	Beryllium Compounds	0.00E+00	0.00E+00	1.94E-04	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	1.88E-07
Michigan	Menominee	26109	R	1,3-Butadiene	0.00E+00	0.00E+00	7.79E+00	7.56E-03	2.00E+00	1.94E-03	2.46E+00	2.39E-03	1.23E+01	1.19E-02
Michigan	Menominee	26109	R	Cadmium Compounds	0.00E+00	0.00E+00	1.19E-02	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02	1.15E-05
Michigan	Menominee	26109	R	Carbon Tetrachloride	2.57E-04	2.50E-07	7.89E-03	7.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-03	7.90E-06
Michigan	Menominee	26109	R	Chloroform	1.50E-03	1.45E-06	5.10E-02	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02	5.09E-05
Michigan	Menominee	26109	R	Chromium Compounds	0.00E+00	0.00E+00	2.08E-01	2.02E-04	2.84E-03	2.76E-06	2.25E-03	2.18E-06	2.13E-01	2.07E-04
Michigan	Menominee	26109	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
Michigan	Menominee	26109	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.96E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00	1.90E-03
Michigan	Menominee	26109	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+01	1.97E-02	4.70E+01	4.56E-02	6.73E+01	6.53E-02
Michigan	Menominee	26109	R	Ethylene Dibromide	7.86E-05	7.63E-08	4.89E-05	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	1.24E-07
Michigan	Menominee	26109	R	Ethylene Dichloride	1.70E-02	1.65E-05	1.01E-02	9.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-02	2.63E-05
Michigan	Menominee	26109	R	Ethylene Oxide	0.00E+00	0.00E+00	5.46E-03	5.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	5.30E-06
Michigan	Menominee	26109	R	Formaldehyde - Primary	0.00E+00	0.00E+00	5.42E+01	5.26E-02	7.52E+00	7.30E-03	8.97E+00	8.71E-03	7.07E+01	6.86E-02
Michigan	Menominee	26109	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.47E-05	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	1.43E-08
Michigan	Menominee	26109	R	Hydrazine	0.00E+00	0.00E+00	4.57E-06	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	4.43E-09
Michigan	Menominee	26109	R	Lead Compounds	0.00E+00	0.00E+00	2.48E-01	2.41E-04	4.01E-03	3.89E-06	0.00E+00	0.00E+00	2.52E-01	2.45E-04
Michigan	Menominee	26109	R	Manganese Compounds	0.00E+00	0.00E+00	7.02E+00	6.81E-03	1.23E-03	1.19E-06	2.53E-03	2.46E-06	7.02E+00	6.81E-03
Michigan	Menominee	26109	R	Mercury Compounds	3.88E-05	3.76E-08	4.58E-03	4.45E-06	4.01E-05	3.89E-08	6.08E-04	5.90E-07	5.27E-03	5.11E-06
Michigan	Menominee	26109	R	Methylene Chloride	5.08E-01	4.93E-04	3.70E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E+00	4.09E-03
Michigan	Menominee	26109	R	Nickel Compounds	0.00E+00	0.00E+00	1.44E-01	1.40E-04	2.25E-03	2.19E-06	1.18E-03	1.14E-06	1.47E-01	1.43E-04
Michigan	Menominee	26109	R	Perchloroethylene	2.59E-01	2.51E-04	2.05E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00	2.24E-03
Michigan	Menominee	26109	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Menominee	26109	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	8.10E+00	7.86E-03	1.97E-02	1.91E-05	1.39E-02	1.35E-05	8.14E+00	7.90E-03
Michigan	Menominee	26109	R	7-PAH	0.00E+00	0.00E+00	4.34E-01	4.21E-04	8.76E-03	8.50E-06	7.14E-03	6.93E-06	4.49E-01	4.36E-04
Michigan	Menominee	26109	R	Propylene Dichloride	8.51E-03	8.26E-06	4.52E-03	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02	1.26E-05

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Menominee	26109	R	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.06E-08
Michigan	Menominee	26109	R	1,1,2,2-Tetrachloroethane	7.80E-02	7.57E-05	3.99E-02	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-01	1.14E-04
Michigan	Menominee	26109	R	Trichloroethylene	1.55E-01	1.50E-04	4.07E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-01	5.46E-04
Michigan	Menominee	26109	R	Vinyl Chloride	1.92E-01	1.86E-04	9.85E-02	9.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-01	2.82E-04
Michigan	Midland	26111	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.67E+00	5.10E-03	6.33E+00	1.21E-02	1.23E+01	2.34E-02	2.13E+01	4.06E-02
Michigan	Midland	26111	U	Acrolein - Primary	0.00E+00	0.00E+00	2.93E+00	5.58E-03	7.89E-01	1.50E-03	1.98E+00	3.77E-03	5.70E+00	1.09E-02
Michigan	Midland	26111	U	Acrylonitrile	1.86E+01	3.54E-02	4.64E-01	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+01	3.63E-02
Michigan	Midland	26111	U	Arsenic Compounds	1.85E-03	3.53E-06	2.64E-02	5.03E-05	3.22E-05	6.14E-08	9.93E-07	1.89E-09	2.83E-02	5.39E-05
Michigan	Midland	26111	U	Benzene	8.07E+00	1.54E-02	1.17E+01	2.23E-02	4.00E+01	7.62E-02	3.92E+01	7.47E-02	9.90E+01	1.89E-01
Michigan	Midland	26111	U	Beryllium Compounds	2.57E-03	4.90E-06	1.46E-03	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	7.68E-06
Michigan	Midland	26111	U	1,3-Butadiene	3.84E+01	7.32E-02	2.42E+00	4.62E-03	4.97E+00	9.48E-03	4.08E+00	7.78E-03	4.99E+01	9.51E-02
Michigan	Midland	26111	U	Cadmium Compounds	2.33E-03	4.45E-06	5.35E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-02	1.06E-04
Michigan	Midland	26111	U	Carbon Tetrachloride	1.56E+00	2.97E-03	3.19E-02	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00	3.03E-03
Michigan	Midland	26111	U	Chloroform	0.00E+00	0.00E+00	1.75E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	3.33E-04
Michigan	Midland	26111	U	Chromium Compounds	1.24E-01	2.37E-04	3.01E-02	5.74E-05	1.73E-03	3.31E-06	7.38E-03	1.41E-05	1.64E-01	3.12E-04
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
Michigan	Midland	26111	U	1,3-Dichloropropene	0.00E+00	0.00E+00	6.43E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E+00	1.23E-02
Michigan	Midland	26111	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E+01	9.55E-02	7.15E+01	1.36E-01	1.22E+02	2.32E-01
Michigan	Midland	26111	U	Ethylene Dibromide	0.00E+00	0.00E+00	7.57E-04	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	1.44E-06
Michigan	Midland	26111	U	Ethylene Dichloride	6.50E-02	1.24E-04	6.39E-02	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	2.46E-04
Michigan	Midland	26111	U	Ethylene Oxide	0.00E+00	0.00E+00	1.34E-01	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01	2.55E-04
Michigan	Midland	26111	U	Formaldehyde - Primary	0.00E+00	0.00E+00	1.70E+01	3.23E-02	1.87E+01	3.56E-02	2.46E+01	4.69E-02	6.02E+01	1.15E-01
Michigan	Midland	26111	U	Hexachlorobenzene	0.00E+00	0.00E+00	2.37E-05	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	4.52E-08
Michigan	Midland	26111	U	Hydrazine	0.00E+00	0.00E+00	2.71E-04	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	5.17E-07
Michigan	Midland	26111	U	Lead Compounds	8.01E-02	1.53E-04	3.79E-01	7.22E-04	2.45E-03	4.67E-06	0.00E+00	0.00E+00	4.61E-01	8.80E-04
Michigan	Midland	26111	U	Manganese Compounds	2.02E-02	3.85E-05	2.24E-01	4.26E-04	7.49E-04	1.43E-06	8.31E-03	1.58E-05	2.53E-01	4.82E-04
Michigan	Midland	26111	U	Mercury Compounds	2.56E-03	4.87E-06	3.76E-02	7.18E-05	2.45E-05	4.67E-08	2.00E-03	3.81E-06	4.22E-02	8.05E-05
Michigan	Midland	26111	U	Methylene Chloride	0.00E+00	0.00E+00	1.34E+01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+01	2.56E-02
Michigan	Midland	26111	U	Nickel Compounds	1.77E-03	3.37E-06	8.22E-02	1.57E-04	1.37E-03	2.62E-06	3.86E-03	7.37E-06	8.92E-02	1.70E-04
Michigan	Midland	26111	U	Perchloroethylene	0.00E+00	0.00E+00	9.21E+00	1.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E+00	1.76E-02
Michigan	Midland	26111	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	2.20E+01	4.20E-02	1.20E-02	2.30E-05	2.04E-02	3.88E-05	2.21E+01	4.21E-02
Michigan	Midland	26111	U	7-PAH	0.00E+00	0.00E+00	5.40E-01	1.03E-03	5.35E-03	1.02E-05	1.04E-02	1.98E-05	5.56E-01	1.06E-03
Michigan	Midland	26111	U	Propylene Dichloride	0.00E+00	0.00E+00	3.23E-02	6.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-02	6.15E-05
Michigan	Midland	26111	U	Quinoline	0.00E+00	0.00E+00	6.47E-04	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	1.23E-06
Michigan	Midland	26111	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.42E-01	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01	4.61E-04
Michigan	Midland	26111	U	Trichloroethylene	0.00E+00	0.00E+00	1.95E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00	3.72E-03
Michigan	Midland	26111	U	Vinyl Chloride	0.00E+00	0.00E+00	2.16E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00	4.11E-03
Michigan	Missaukee	26113	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.40E+00	5.96E-03	1.93E+00	3.39E-03	1.83E+00	3.20E-03	7.16E+00	1.25E-02
Michigan	Missaukee	26113	R	Acrolein - Primary	0.00E+00	0.00E+00	3.57E+00	6.26E-03	3.19E-01	5.59E-04	2.89E-01	5.06E-04	4.18E+00	7.32E-03
Michigan	Missaukee	26113	R	Acrylonitrile	0.00E+00	0.00E+00	1.37E-01	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01	2.40E-04
Michigan	Missaukee	26113	R	Arsenic Compounds	0.00E+00	0.00E+00	6.21E-04	1.09E-06	2.93E-05	5.13E-08	1.68E-07	2.94E-10	6.50E-04	1.14E-06
Michigan	Missaukee	26113	R	Benzene	0.00E+00	0.00E+00	1.10E+01	1.93E-02	1.21E+01	2.12E-02	2.84E+00	4.98E-03	2.60E+01	4.55E-02
Michigan	Missaukee	26113	R	Beryllium Compounds	0.00E+00	0.00E+00	8.78E-05	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05	1.54E-07
Michigan	Missaukee	26113	R	1,3-Butadiene	0.00E+00	0.00E+00	3.34E+00	5.85E-03	1.51E+00	2.64E-03	3.46E-01	6.07E-04	5.19E+00	9.10E-03
Michigan	Missaukee	26113	R	Cadmium Compounds	0.00E+00	0.00E+00	2.40E-04	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	4.21E-07
Michigan	Missaukee	26113	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.41E-03	7.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-03	7.73E-06
Michigan	Missaukee	26113	R	Chloroform	0.00E+00	0.00E+00	2.82E-02	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-02	4.93E-05

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Missaukee	26113	R	Chromium Compounds	0.00E+00	0.00E+00	9.86E-04	1.73E-06	1.58E-03	2.76E-06	1.25E-03	2.19E-06	3.81E-03	6.67E-06
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
Michigan	Missaukee	26113	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.08E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00	1.89E-03
Michigan	Missaukee	26113	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+01	2.74E-02	2.28E+01	3.99E-02	3.84E+01	6.73E-02
Michigan	Missaukee	26113	R	Ethylene Dibromide	0.00E+00	0.00E+00	7.58E-05	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-05	1.33E-07
Michigan	Missaukee	26113	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.66E-02	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-02	2.91E-05
Michigan	Missaukee	26113	R	Ethylene Oxide	0.00E+00	0.00E+00	7.82E-04	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04	1.37E-06
Michigan	Missaukee	26113	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.14E+01	3.74E-02	5.71E+00	1.00E-02	3.74E+00	6.55E-03	3.08E+01	5.40E-02
Michigan	Missaukee	26113	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.42E-05	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	2.49E-08
Michigan	Missaukee	26113	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
Michigan	Missaukee	26113	R	Lead Compounds	0.00E+00	0.00E+00	3.89E-03	6.81E-06	2.23E-03	3.90E-06	0.00E+00	0.00E+00	6.11E-03	1.07E-05
Michigan	Missaukee	26113	R	Manganese Compounds	0.00E+00	0.00E+00	9.92E-04	1.74E-06	6.81E-04	1.19E-06	1.40E-03	2.46E-06	3.08E-03	5.39E-06
Michigan	Missaukee	26113	R	Mercury Compounds	0.00E+00	0.00E+00	7.23E-04	1.27E-06	2.23E-05	3.90E-08	3.37E-04	5.91E-07	1.08E-03	1.90E-06
Michigan	Missaukee	26113	R	Methylene Chloride	0.00E+00	0.00E+00	2.32E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00	4.06E-03
Michigan	Missaukee	26113	R	Nickel Compounds	0.00E+00	0.00E+00	3.49E-03	6.12E-06	1.25E-03	2.19E-06	6.53E-04	1.14E-06	5.40E-03	9.45E-06
Michigan	Missaukee	26113	R	Perchloroethylene	0.00E+00	0.00E+00	5.60E-01	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-01	9.80E-04
Michigan	Missaukee	26113	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.21E+00	7.38E-03	1.09E-02	1.92E-05	1.07E-03	1.87E-06	4.23E+00	7.40E-03
Michigan	Missaukee	26113	R	7-PAH	0.00E+00	0.00E+00	1.92E-01	3.36E-04	4.86E-03	8.51E-06	5.20E-04	9.10E-07	1.97E-01	3.46E-04
Michigan	Missaukee	26113	R	Propylene Dichloride	0.00E+00	0.00E+00	8.25E-03	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-03	1.44E-05
Michigan	Missaukee	26113	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
Michigan	Missaukee	26113	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	7.52E-02	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-02	1.32E-04
Michigan	Missaukee	26113	R	Trichloroethylene	0.00E+00	0.00E+00	2.64E-01	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01	4.62E-04
Michigan	Missaukee	26113	R	Vinyl Chloride	0.00E+00	0.00E+00	1.85E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-01	3.24E-04
Michigan	Monroe	26115	U	Acetaldehyde - Primary	3.99E+00	7.40E-03	7.91E-01	1.47E-03	1.40E+01	2.59E-02	1.93E+01	3.58E-02	3.81E+01	7.06E-02
Michigan	Monroe	26115	U	Acrolein - Primary	1.50E+00	2.79E-03	1.47E+00	2.72E-03	1.67E+00	3.10E-03	3.12E+00	5.78E-03	7.76E+00	1.44E-02
Michigan	Monroe	26115	U	Acrylonitrile	0.00E+00	0.00E+00	5.81E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-01	1.08E-03
Michigan	Monroe	26115	U	Arsenic Compounds	2.12E+00	3.94E-03	3.89E-03	7.21E-06	1.00E-04	1.86E-07	1.48E-03	2.75E-06	2.13E+00	3.95E-03
Michigan	Monroe	26115	U	Benzene	7.16E+00	1.33E-02	7.37E+00	1.37E-02	9.03E+01	1.67E-01	3.60E+01	6.67E-02	1.41E+02	2.61E-01
Michigan	Monroe	26115	U	Beryllium Compounds	1.10E-01	2.03E-04	1.08E-03	2.01E-06	0.00E+00	0.00E+00	1.48E-05	2.74E-08	1.11E-01	2.05E-04
Michigan	Monroe	26115	U	1,3-Butadiene	0.00E+00	0.00E+00	6.65E-01	1.23E-03	1.12E+01	2.07E-02	4.35E+00	8.07E-03	1.62E+01	3.00E-02
Michigan	Monroe	26115	U	Cadmium Compounds	2.65E-01	4.91E-04	2.54E-03	4.70E-06	0.00E+00	0.00E+00	2.07E-04	3.84E-07	2.68E-01	4.96E-04
Michigan	Monroe	26115	U	Carbon Tetrachloride	0.00E+00	0.00E+00	4.31E-02	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	7.99E-05
Michigan	Monroe	26115	U	Chloroform	0.00E+00	0.00E+00	2.96E-01	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-01	5.49E-04
Michigan	Monroe	26115	U	Chromium Compounds	2.25E+00	4.17E-03	1.17E-01	2.17E-04	5.40E-03	1.00E-05	2.05E-02	3.81E-05	2.39E+00	4.43E-03
Michigan	Monroe	26115	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
Michigan	Monroe	26115	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.12E+01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	2.08E-02
Michigan	Monroe	26115	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E+01	1.78E-01	1.23E+02	2.28E-01	2.19E+02	4.06E-01
Michigan	Monroe	26115	U	Ethylene Dibromide	0.00E+00	0.00E+00	3.21E-04	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	5.95E-07
Michigan	Monroe	26115	U	Ethylene Dichloride	2.07E-01	3.84E-04	7.05E-02	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-01	5.15E-04
Michigan	Monroe	26115	U	Ethylene Oxide	0.00E+00	0.00E+00	1.30E-01	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01	2.40E-04
Michigan	Monroe	26115	U	Formaldehyde - Primary	1.37E+01	2.54E-02	5.60E+00	1.04E-02	4.12E+01	7.64E-02	3.96E+01	7.33E-02	1.00E+02	1.85E-01
Michigan	Monroe	26115	U	Hexachlorobenzene	0.00E+00	0.00E+00	4.68E-05	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05	8.67E-08
Michigan	Monroe	26115	U	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.41E-09
Michigan	Monroe	26115	U	Lead Compounds	2.18E+00	4.04E-03	4.22E-02	7.82E-05	7.63E-03	1.41E-05	8.43E-04	1.56E-06	2.23E+00	4.13E-03
Michigan	Monroe	26115	U	Manganese Compounds	2.80E+00	5.19E-03	6.56E-03	1.22E-05	2.33E-03	4.32E-06	2.05E-02	3.81E-05	2.83E+00	5.25E-03
Michigan	Monroe	26115	U	Mercury Compounds	2.60E-01	4.81E-04	1.26E-02	2.34E-05	7.63E-05	1.41E-07	3.54E-03	6.57E-06	2.76E-01	5.11E-04
Michigan	Monroe	26115	U	Methylene Chloride	1.50E+00	2.79E-03	2.28E+01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E+01	4.50E-02

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Monroe	26115	U	Nickel Compounds	1.78E+00	3.29E-03	6.17E-02	1.14E-04	4.28E-03	7.94E-06	6.55E-02	1.21E-04	1.91E+00	3.54E-03
Michigan	Monroe	26115	U	Perchloroethylene	2.23E-01	4.13E-04	9.07E+00	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E+00	1.72E-02
Michigan	Monroe	26115	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Monroe	26115	U	Polycyclic Organic Matter	1.26E-01	2.33E-04	1.10E+01	2.05E-02	3.75E-02	6.96E-05	1.45E-02	2.68E-05	1.12E+01	2.08E-02
Michigan	Monroe	26115	U	7-PAH	2.04E-03	3.78E-06	2.10E-01	3.90E-04	1.67E-02	3.09E-05	6.85E-03	1.27E-05	2.36E-01	4.37E-04
Michigan	Monroe	26115	U	Propylene Dichloride	0.00E+00	0.00E+00	3.50E-02	6.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02	6.49E-05
Michigan	Monroe	26115	U	Quinoline	0.00E+00	0.00E+00	1.82E-06	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	3.37E-09
Michigan	Monroe	26115	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	3.17E-01	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-01	5.88E-04
Michigan	Monroe	26115	U	Trichloroethylene	0.00E+00	0.00E+00	8.35E+00	1.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E+00	1.55E-02
Michigan	Monroe	26115	U	Vinyl Chloride	0.00E+00	0.00E+00	7.80E-01	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-01	1.45E-03
Michigan	Montcalm	26117	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.34E+00	3.27E-03	7.22E+00	1.01E-02	8.71E+00	1.22E-02	1.83E+01	2.55E-02
Michigan	Montcalm	26117	R	Acrolein - Primary	0.00E+00	0.00E+00	2.63E+00	3.68E-03	1.27E+00	1.78E-03	1.40E+00	1.95E-03	5.30E+00	7.41E-03
Michigan	Montcalm	26117	R	Acrylonitrile	0.00E+00	0.00E+00	3.11E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-01	4.34E-04
Michigan	Montcalm	26117	R	Arsenic Compounds	0.00E+00	0.00E+00	1.67E-03	2.33E-06	1.27E-04	1.77E-07	7.27E-07	1.02E-09	1.80E-03	2.51E-06
Michigan	Montcalm	26117	R	Benzene	0.00E+00	0.00E+00	9.98E+00	1.39E-02	4.53E+01	6.32E-02	2.46E+01	3.44E-02	7.99E+01	1.12E-01
Michigan	Montcalm	26117	R	Beryllium Compounds	0.00E+00	0.00E+00	4.45E-04	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	6.21E-07
Michigan	Montcalm	26117	R	1,3-Butadiene	0.00E+00	0.00E+00	2.21E+00	3.09E-03	5.64E+00	7.88E-03	2.47E+00	3.45E-03	1.03E+01	1.44E-02
Michigan	Montcalm	26117	R	Cadmium Compounds	0.00E+00	0.00E+00	1.33E-03	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	1.85E-06
Michigan	Montcalm	26117	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.14E-02	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	1.60E-05
Michigan	Montcalm	26117	R	Chloroform	0.00E+00	0.00E+00	1.13E-01	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	1.58E-04
Michigan	Montcalm	26117	R	Chromium Compounds	0.00E+00	0.00E+00	1.73E-03	2.42E-06	6.82E-03	9.53E-06	5.40E-03	7.54E-06	1.40E-02	1.95E-05
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
Michigan	Montcalm	26117	R	1,3-Dichloropropene	0.00E+00	0.00E+00	4.71E+00	6.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E+00	6.58E-03
Michigan	Montcalm	26117	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E+01	8.12E-02	6.45E+01	9.02E-02	1.23E+02	1.71E-01
Michigan	Montcalm	26117	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.72E-04	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	2.40E-07
Michigan	Montcalm	26117	R	Ethylene Dichloride	0.00E+00	0.00E+00	3.81E-02	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02	5.32E-05
Michigan	Montcalm	26117	R	Ethylene Oxide	0.00E+00	0.00E+00	9.36E-02	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-02	1.31E-04
Michigan	Montcalm	26117	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.56E+01	2.17E-02	2.13E+01	2.98E-02	1.73E+01	2.42E-02	5.42E+01	7.58E-02
Michigan	Montcalm	26117	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.28E-05	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	5.98E-08
Michigan	Montcalm	26117	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.06E-09
Michigan	Montcalm	26117	R	Lead Compounds	0.00E+00	0.00E+00	5.76E-02	8.04E-05	9.63E-03	1.35E-05	0.00E+00	0.00E+00	6.72E-02	9.39E-05
Michigan	Montcalm	26117	R	Manganese Compounds	0.00E+00	0.00E+00	2.88E-03	4.03E-06	2.94E-03	4.11E-06	6.08E-03	8.49E-06	1.19E-02	1.66E-05
Michigan	Montcalm	26117	R	Mercury Compounds	0.00E+00	0.00E+00	7.94E-03	1.11E-05	9.63E-05	1.35E-07	1.46E-03	2.04E-06	9.50E-03	1.33E-05
Michigan	Montcalm	26117	R	Methylene Chloride	0.00E+00	0.00E+00	9.32E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E+00	1.30E-02
Michigan	Montcalm	26117	R	Nickel Compounds	0.00E+00	0.00E+00	2.75E-01	3.85E-04	5.41E-03	7.55E-06	2.83E-03	3.95E-06	2.84E-01	3.96E-04
Michigan	Montcalm	26117	R	Perchloroethylene	0.00E+00	0.00E+00	3.97E+00	5.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+00	5.55E-03
Michigan	Montcalm	26117	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.99E+00	6.97E-03	4.74E-02	6.62E-05	1.30E-02	1.82E-05	5.05E+00	7.05E-03
Michigan	Montcalm	26117	R	7-PAH	0.00E+00	0.00E+00	1.47E-01	2.05E-04	2.10E-02	2.94E-05	6.61E-03	9.23E-06	1.75E-01	2.44E-04
Michigan	Montcalm	26117	R	Propylene Dichloride	0.00E+00	0.00E+00	1.86E-02	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02	2.60E-05
Michigan	Montcalm	26117	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	2.54E-09
Michigan	Montcalm	26117	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.69E-01	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-01	2.36E-04
Michigan	Montcalm	26117	R	Trichloroethylene	0.00E+00	0.00E+00	1.06E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00	1.48E-03
Michigan	Montcalm	26117	R	Vinyl Chloride	0.00E+00	0.00E+00	4.16E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-01	5.82E-04
Michigan	Montmorency	26119	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.72E+00	8.50E-03	1.42E+00	2.56E-03	1.39E+00	2.51E-03	7.54E+00	1.36E-02
Michigan	Montmorency	26119	R	Acrolein - Primary	0.00E+00	0.00E+00	4.90E+00	8.82E-03	2.33E-01	4.20E-04	2.22E-01	3.99E-04	5.35E+00	9.64E-03
Michigan	Montmorency	26119	R	Acrylonitrile	0.00E+00	0.00E+00	1.92E-01	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01	3.46E-04
Michigan	Montmorency	26119	R	Arsenic Compounds	0.00E+00	0.00E+00	4.66E-04	8.39E-07	2.12E-05	3.82E-08	1.22E-07	2.19E-10	4.87E-04	8.77E-07

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Montmorency	26119	R	Benzene	0.00E+00	0.00E+00	1.34E+01	2.42E-02	8.90E+00	1.60E-02	3.19E+00	5.74E-03	2.55E+01	4.60E-02
Michigan	Montmorency	26119	R	Beryllium Compounds	0.00E+00	0.00E+00	6.81E-05	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	1.22E-07
Michigan	Montmorency	26119	R	1,3-Butadiene	0.00E+00	0.00E+00	4.63E+00	8.33E-03	1.11E+00	2.00E-03	3.76E-01	6.76E-04	6.11E+00	1.10E-02
Michigan	Montmorency	26119	R	Cadmium Compounds	0.00E+00	0.00E+00	1.92E-04	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	3.45E-07
Michigan	Montmorency	26119	R	Carbon Tetrachloride	0.00E+00	0.00E+00	3.37E-03	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	6.06E-06
Michigan	Montmorency	26119	R	Chloroform	0.00E+00	0.00E+00	1.69E-02	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02	3.04E-05
Michigan	Montmorency	26119	R	Chromium Compounds	0.00E+00	0.00E+00	7.27E-04	1.31E-06	1.14E-03	2.05E-06	9.04E-04	1.63E-06	2.77E-03	4.99E-06
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
Michigan	Montmorency	26119	R	1,3-Dichloropropene	0.00E+00	0.00E+00	7.80E-01	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-01	1.40E-03
Michigan	Montmorency	26119	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+01	2.07E-02	7.10E+00	1.28E-02	1.86E+01	3.35E-02
Michigan	Montmorency	26119	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.07E-04	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	1.93E-07
Michigan	Montmorency	26119	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.31E-02	4.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	4.16E-05
Michigan	Montmorency	26119	R	Ethylene Oxide	0.00E+00	0.00E+00	5.66E-04	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	1.02E-06
Michigan	Montmorency	26119	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.01E+01	5.42E-02	4.20E+00	7.56E-03	2.86E+00	5.15E-03	3.72E+01	6.69E-02
Michigan	Montmorency	26119	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.44E-06	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-06	6.20E-09
Michigan	Montmorency	26119	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
Michigan	Montmorency	26119	R	Lead Compounds	0.00E+00	0.00E+00	3.66E-03	6.59E-06	1.61E-03	2.90E-06	0.00E+00	0.00E+00	5.27E-03	9.49E-06
Michigan	Montmorency	26119	R	Manganese Compounds	0.00E+00	0.00E+00	7.52E-04	1.35E-06	4.93E-04	8.87E-07	1.02E-03	1.83E-06	2.26E-03	4.07E-06
Michigan	Montmorency	26119	R	Mercury Compounds	0.00E+00	0.00E+00	6.72E-04	1.21E-06	1.61E-05	2.90E-08	2.44E-04	4.40E-07	9.32E-04	1.68E-06
Michigan	Montmorency	26119	R	Methylene Chloride	0.00E+00	0.00E+00	2.04E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00	3.67E-03
Michigan	Montmorency	26119	R	Nickel Compounds	0.00E+00	0.00E+00	3.05E-03	5.50E-06	9.05E-04	1.63E-06	4.73E-04	8.51E-07	4.43E-03	7.98E-06
Michigan	Montmorency	26119	R	Perchloroethylene	0.00E+00	0.00E+00	1.22E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00	2.20E-03
Michigan	Montmorency	26119	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.50E+00	6.29E-03	7.93E-03	1.43E-05	1.26E-03	2.26E-06	3.51E+00	6.31E-03
Michigan	Montmorency	26119	R	7-PAH	0.00E+00	0.00E+00	2.34E-01	4.21E-04	3.52E-03	6.33E-06	6.29E-04	1.13E-06	2.38E-01	4.29E-04
Michigan	Montmorency	26119	R	Propylene Dichloride	0.00E+00	0.00E+00	1.16E-02	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	2.09E-05
Michigan	Montmorency	26119	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
Michigan	Montmorency	26119	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.06E-01	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01	1.91E-04
Michigan	Montmorency	26119	R	Trichloroethylene	0.00E+00	0.00E+00	3.24E-01	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-01	5.83E-04
Michigan	Montmorency	26119	R	Vinyl Chloride	0.00E+00	0.00E+00	2.61E-01	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-01	4.70E-04
Michigan	Muskegon	26121	U	Acetaldehyde - Primary	5.53E+00	1.11E-02	2.65E+00	5.33E-03	1.67E+01	3.37E-02	2.56E+01	5.15E-02	5.05E+01	1.02E-01
Michigan	Muskegon	26121	U	Acrolein - Primary	1.40E-01	2.81E-04	3.60E+00	7.25E-03	2.64E+00	5.32E-03	4.20E+00	8.46E-03	1.06E+01	2.13E-02
Michigan	Muskegon	26121	U	Acrylonitrile	1.48E-01	2.98E-04	6.46E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-01	1.60E-03
Michigan	Muskegon	26121	U	Arsenic Compounds	2.22E-01	4.47E-04	6.51E-03	1.31E-05	8.02E-05	1.62E-07	1.79E-03	3.61E-06	2.31E-01	4.64E-04
Michigan	Muskegon	26121	U	Benzene	3.54E+00	7.13E-03	1.26E+01	2.53E-02	1.17E+02	2.36E-01	9.60E+01	1.93E-01	2.29E+02	4.62E-01
Michigan	Muskegon	26121	U	Beryllium Compounds	1.09E-02	2.20E-05	1.38E-03	2.78E-06	0.00E+00	0.00E+00	1.79E-05	3.60E-08	1.23E-02	2.48E-05
Michigan	Muskegon	26121	U	1,3-Butadiene	0.00E+00	0.00E+00	2.58E+00	5.19E-03	1.42E+01	2.85E-02	8.91E+00	1.79E-02	2.56E+01	5.16E-02
Michigan	Muskegon	26121	U	Cadmium Compounds	3.00E-02	6.05E-05	4.90E-03	9.86E-06	0.00E+00	0.00E+00	2.50E-04	5.04E-07	3.52E-02	7.08E-05
Michigan	Muskegon	26121	U	Carbon Tetrachloride	2.72E-04	5.47E-07	4.71E-02	9.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-02	9.53E-05
Michigan	Muskegon	26121	U	Chloroform	1.58E-03	3.18E-06	6.10E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-01	1.23E-03
Michigan	Muskegon	26121	U	Chromium Compounds	1.67E-01	3.36E-04	2.07E+00	4.17E-03	4.32E-03	8.70E-06	2.44E-02	4.90E-05	2.27E+00	4.57E-03
Michigan	Muskegon	26121	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
Michigan	Muskegon	26121	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.32E+01	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+01	2.65E-02
Michigan	Muskegon	26121	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E+01	1.87E-01	1.24E+02	2.50E-01	2.17E+02	4.38E-01
Michigan	Muskegon	26121	U	Ethylene Dibromide	8.29E-05	1.67E-07	4.76E-04	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	1.13E-06
Michigan	Muskegon	26121	U	Ethylene Dichloride	3.72E-02	7.48E-05	8.08E-02	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-01	2.37E-04
Michigan	Muskegon	26121	U	Ethylene Oxide	0.00E+00	0.00E+00	2.31E-01	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01	4.65E-04
Michigan	Muskegon	26121	U	Formaldehyde - Primary	7.05E-01	1.42E-03	1.73E+01	3.49E-02	4.89E+01	9.85E-02	5.10E+01	1.03E-01	1.18E+02	2.37E-01

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Muskegon	26121	U	Hexachlorobenzene	0.00E+00	0.00E+00	1.46E-05	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	2.95E-08
Michigan	Muskegon	26121	U	Hydrazine	0.00E+00	0.00E+00	6.54E-05	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-05	1.32E-07
Michigan	Muskegon	26121	U	Lead Compounds	3.79E-01	7.63E-04	8.15E-02	1.64E-04	6.10E-03	1.23E-05	9.84E-04	1.98E-06	4.68E-01	9.41E-04
Michigan	Muskegon	26121	U	Manganese Compounds	4.28E-01	8.62E-04	1.27E+00	2.56E-03	1.86E-03	3.75E-06	2.43E-02	4.89E-05	1.73E+00	3.47E-03
Michigan	Muskegon	26121	U	Mercury Compounds	5.41E-02	1.09E-04	2.95E-02	5.94E-05	6.10E-05	1.23E-07	4.16E-03	8.36E-06	8.78E-02	1.77E-04
Michigan	Muskegon	26121	U	Methylene Chloride	6.76E-01	1.36E-03	3.43E+01	6.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01	7.04E-02
Michigan	Muskegon	26121	U	Nickel Compounds	1.53E-01	3.09E-04	1.05E+00	2.10E-03	3.43E-03	6.89E-06	7.90E-02	1.59E-04	1.28E+00	2.58E-03
Michigan	Muskegon	26121	U	Perchloroethylene	2.94E-01	5.91E-04	1.65E+01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+01	3.37E-02
Michigan	Muskegon	26121	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Muskegon	26121	U	Polycyclic Organic Matter	9.33E-03	1.88E-05	1.35E+01	2.72E-02	3.00E-02	6.04E-05	4.71E-02	9.48E-05	1.36E+01	2.74E-02
Michigan	Muskegon	26121	U	7-PAH	1.89E-04	3.80E-07	3.03E-01	6.10E-04	1.33E-02	2.68E-05	2.36E-02	4.76E-05	3.40E-01	6.85E-04
Michigan	Muskegon	26121	U	Propylene Dichloride	8.98E-03	1.81E-05	4.00E-02	8.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	9.86E-05
Michigan	Muskegon	26121	U	Quinoline	0.00E+00	0.00E+00	1.56E-04	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	3.14E-07
Michigan	Muskegon	26121	U	1,1,2,2-Tetrachloroethane	8.22E-02	1.65E-04	3.49E-01	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-01	8.69E-04
Michigan	Muskegon	26121	U	Trichloroethylene	7.25E+01	1.46E-01	3.77E+00	7.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E+01	1.53E-01
Michigan	Muskegon	26121	U	Vinyl Chloride	2.02E-01	4.07E-04	8.65E-01	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00	2.15E-03
Michigan	Newaygo	26123	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.64E+00	5.44E-03	5.50E+00	6.44E-03	5.90E+00	6.92E-03	1.60E+01	1.88E-02
Michigan	Newaygo	26123	R	Acrolein - Primary	0.00E+00	0.00E+00	5.04E+00	5.91E-03	9.62E-01	1.13E-03	9.32E-01	1.09E-03	6.94E+00	8.13E-03
Michigan	Newaygo	26123	R	Acrylonitrile	0.00E+00	0.00E+00	1.51E-01	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-01	1.77E-04
Michigan	Newaygo	26123	R	Arsenic Compounds	0.00E+00	0.00E+00	2.12E-03	2.48E-06	9.52E-05	1.12E-07	5.46E-07	6.40E-10	2.22E-03	2.60E-06
Michigan	Newaygo	26123	R	Benzene	0.00E+00	0.00E+00	1.38E+01	1.62E-02	3.44E+01	4.03E-02	8.57E+00	1.00E-02	5.68E+01	6.66E-02
Michigan	Newaygo	26123	R	Beryllium Compounds	0.00E+00	0.00E+00	3.05E-04	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	3.57E-07
Michigan	Newaygo	26123	R	1,3-Butadiene	0.00E+00	0.00E+00	4.59E+00	5.38E-03	4.29E+00	5.03E-03	1.07E+00	1.26E-03	9.96E+00	1.17E-02
Michigan	Newaygo	26123	R	Cadmium Compounds	0.00E+00	0.00E+00	1.06E-03	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	1.24E-06
Michigan	Newaygo	26123	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.12E-02	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	1.31E-05
Michigan	Newaygo	26123	R	Chloroform	0.00E+00	0.00E+00	9.18E-02	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-02	1.08E-04
Michigan	Newaygo	26123	R	Chromium Compounds	0.00E+00	0.00E+00	5.45E-03	6.39E-06	5.12E-03	6.00E-06	4.06E-03	4.75E-06	1.46E-02	1.71E-05
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
Michigan	Newaygo	26123	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.53E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E+00	4.14E-03
Michigan	Newaygo	26123	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E+01	5.19E-02	3.30E+01	3.86E-02	7.72E+01	9.05E-02
Michigan	Newaygo	26123	R	Ethylene Dibromide	0.00E+00	0.00E+00	9.21E-05	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	1.08E-07
Michigan	Newaygo	26123	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.83E-02	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-02	2.14E-05
Michigan	Newaygo	26123	R	Ethylene Oxide	0.00E+00	0.00E+00	5.37E-02	6.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	6.29E-05
Michigan	Newaygo	26123	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.94E+01	3.45E-02	1.62E+01	1.90E-02	1.21E+01	1.42E-02	5.77E+01	6.77E-02
Michigan	Newaygo	26123	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.96E-05	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	2.29E-08
Michigan	Newaygo	26123	R	Hydrazine	0.00E+00	0.00E+00	5.33E-06	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-06	6.24E-09
Michigan	Newaygo	26123	R	Lead Compounds	0.00E+00	0.00E+00	1.00E-02	1.17E-05	7.23E-03	8.48E-06	0.00E+00	0.00E+00	1.73E-02	2.02E-05
Michigan	Newaygo	26123	R	Manganese Compounds	0.00E+00	0.00E+00	3.47E-03	4.07E-06	2.21E-03	2.59E-06	4.57E-03	5.35E-06	1.03E-02	1.20E-05
Michigan	Newaygo	26123	R	Mercury Compounds	0.00E+00	0.00E+00	5.03E-03	5.90E-06	7.23E-05	8.48E-08	1.10E-03	1.29E-06	6.20E-03	7.27E-06
Michigan	Newaygo	26123	R	Methylene Chloride	0.00E+00	0.00E+00	6.54E+00	7.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+00	7.67E-03
Michigan	Newaygo	26123	R	Nickel Compounds	0.00E+00	0.00E+00	1.37E-02	1.60E-05	4.06E-03	4.76E-06	2.12E-03	2.49E-06	1.99E-02	2.33E-05
Michigan	Newaygo	26123	R	Perchloroethylene	0.00E+00	0.00E+00	3.17E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E+00	3.71E-03
Michigan	Newaygo	26123	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	1.22E+01	1.43E-02	3.56E-02	4.17E-05	3.11E-03	3.64E-06	1.23E+01	1.44E-02
Michigan	Newaygo	26123	R	7-PAH	0.00E+00	0.00E+00	4.26E-01	5.00E-04	1.58E-02	1.85E-05	1.51E-03	1.76E-06	4.44E-01	5.20E-04
Michigan	Newaygo	26123	R	Propylene Dichloride	0.00E+00	0.00E+00	9.12E-03	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-03	1.07E-05
Michigan	Newaygo	26123	R	Quinoline	0.00E+00	0.00E+00	1.27E-05	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	1.49E-08
Michigan	Newaygo	26123	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.13E-02	9.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-02	9.53E-05

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Newaygo	26123	R	Trichloroethylene	0.00E+00	0.00E+00	5.45E-01	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-01	6.39E-04
Michigan	Newaygo	26123	R	Vinyl Chloride	0.00E+00	0.00E+00	2.01E-01	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	2.35E-04
Michigan	Oakland	26125	U	Acetaldehyde - Primary	1.03E+00	1.15E-03	3.19E+01	3.56E-02	1.10E+02	1.23E-01	2.14E+02	2.39E-01	3.57E+02	3.98E-01
Michigan	Oakland	26125	U	Acrolein - Primary	5.78E-05	6.43E-08	7.88E+00	8.78E-03	1.70E+01	1.90E-02	3.52E+01	3.92E-02	6.01E+01	6.70E-02
Michigan	Oakland	26125	U	Acrylonitrile	4.99E+00	5.56E-03	7.36E-01	8.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E+00	6.38E-03
Michigan	Oakland	26125	U	Arsenic Compounds	1.30E-03	1.44E-06	5.12E-02	5.71E-05	8.28E-04	9.22E-07	1.43E-05	1.59E-08	5.34E-02	5.94E-05
Michigan	Oakland	26125	U	Benzene	1.37E+01	1.52E-02	4.58E+01	5.10E-02	7.31E+02	8.15E-01	1.14E+03	1.26E+00	1.93E+03	2.15E+00
Michigan	Oakland	26125	U	Beryllium Compounds	4.18E-06	4.66E-09	1.31E-02	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	1.46E-05
Michigan	Oakland	26125	U	1,3-Butadiene	0.00E+00	0.00E+00	1.38E+00	1.53E-03	9.20E+01	1.02E-01	1.12E+02	1.25E-01	2.06E+02	2.29E-01
Michigan	Oakland	26125	U	Cadmium Compounds	3.11E-04	3.46E-07	6.21E-02	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	6.95E-05
Michigan	Oakland	26125	U	Carbon Tetrachloride	9.14E-03	1.02E-05	3.49E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-01	3.99E-04
Michigan	Oakland	26125	U	Chloroform	5.32E-02	5.93E-05	2.52E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+00	2.87E-03
Michigan	Oakland	26125	U	Chromium Compounds	1.30E-01	1.45E-04	2.01E+00	2.24E-03	4.46E-02	4.96E-05	1.06E-01	1.18E-04	2.29E+00	2.55E-03
Michigan	Oakland	26125	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
Michigan	Oakland	26125	U	1,3-Dichloropropene	0.00E+00	0.00E+00	9.27E+01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E+01	1.03E-01
Michigan	Oakland	26125	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E+02	6.06E-01	1.11E+03	1.23E+00	1.65E+03	1.84E+00
Michigan	Oakland	26125	U	Ethylene Dibromide	2.79E-03	3.11E-06	6.09E-04	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	3.79E-06
Michigan	Oakland	26125	U	Ethylene Dichloride	6.03E-01	6.72E-04	9.30E-02	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-01	7.75E-04
Michigan	Oakland	26125	U	Ethylene Oxide	0.00E+00	0.00E+00	6.92E+00	7.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E+00	7.71E-03
Michigan	Oakland	26125	U	Formaldehyde - Primary	1.64E+01	1.82E-02	3.77E+02	4.19E-01	3.25E+02	3.63E-01	4.19E+02	4.67E-01	1.14E+03	1.27E+00
Michigan	Oakland	26125	U	Hexachlorobenzene	0.00E+00	0.00E+00	1.43E-05	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	1.59E-08
Michigan	Oakland	26125	U	Hydrazine	0.00E+00	0.00E+00	1.40E-04	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	1.56E-07
Michigan	Oakland	26125	U	Lead Compounds	6.51E-03	7.25E-06	7.48E-01	8.33E-04	6.29E-02	7.01E-05	9.11E-03	1.01E-05	8.26E-01	9.20E-04
Michigan	Oakland	26125	U	Manganese Compounds	1.86E-01	2.07E-04	9.35E-01	1.04E-03	1.92E-02	2.14E-05	1.20E-01	1.33E-04	1.26E+00	1.40E-03
Michigan	Oakland	26125	U	Mercury Compounds	1.47E-03	1.63E-06	2.77E-01	3.08E-04	6.29E-04	7.01E-07	2.87E-02	3.20E-05	3.07E-01	3.42E-04
Michigan	Oakland	26125	U	Methylene Chloride	1.81E+01	2.01E-02	2.62E+02	2.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+02	3.12E-01
Michigan	Oakland	26125	U	Nickel Compounds	3.56E-04	3.97E-07	5.19E+00	5.78E-03	3.53E-02	3.94E-05	5.56E-02	6.19E-05	5.28E+00	5.88E-03
Michigan	Oakland	26125	U	Perchloroethylene	9.19E+00	1.02E-02	1.60E+02	1.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+02	1.88E-01
Michigan	Oakland	26125	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Oakland	26125	U	Polycyclic Organic Matter	2.46E-02	2.74E-05	9.18E+01	1.02E-01	3.10E-01	3.45E-04	6.32E-01	7.04E-04	9.28E+01	1.03E-01
Michigan	Oakland	26125	U	7-PAH	8.98E-08	1.00E-10	1.59E+00	1.78E-03	1.37E-01	1.53E-04	3.25E-01	3.62E-04	2.06E+00	2.29E-03
Michigan	Oakland	26125	U	Propylene Dichloride	3.02E-01	3.37E-04	4.36E-02	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-01	3.85E-04
Michigan	Oakland	26125	U	Quinoline	0.00E+00	0.00E+00	3.34E-04	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	3.72E-07
Michigan	Oakland	26125	U	1,1,2,2-Tetrachloroethane	2.77E+00	3.08E-03	3.42E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E+00	3.46E-03
Michigan	Oakland	26125	U	Trichloroethylene	2.06E+01	2.29E-02	5.49E+01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E+01	8.40E-02
Michigan	Oakland	26125	U	Vinyl Chloride	6.82E+00	7.59E-03	1.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E+00	8.71E-03
Michigan	Oceana	26127	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.43E+00	4.47E-03	3.57E+00	6.58E-03	2.59E+01	4.77E-02	3.19E+01	5.88E-02
Michigan	Oceana	26127	R	Acrolein - Primary	0.00E+00	0.00E+00	2.59E+00	4.78E-03	5.82E-01	1.07E-03	4.63E+00	8.54E-03	7.81E+00	1.44E-02
Michigan	Oceana	26127	R	Acrylonitrile	0.00E+00	0.00E+00	4.54E-01	8.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-01	8.36E-04
Michigan	Oceana	26127	R	Arsenic Compounds	0.00E+00	0.00E+00	1.14E-03	2.10E-06	5.23E-05	9.63E-08	3.00E-07	5.53E-10	1.19E-03	2.20E-06
Michigan	Oceana	26127	R	Benzene	0.00E+00	0.00E+00	8.27E+00	1.52E-02	2.24E+01	4.12E-02	3.62E+02	6.68E-01	3.93E+02	7.24E-01
Michigan	Oceana	26127	R	Beryllium Compounds	0.00E+00	0.00E+00	1.60E-04	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	2.96E-07
Michigan	Oceana	26127	R	1,3-Butadiene	0.00E+00	0.00E+00	2.35E+00	4.33E-03	2.79E+00	5.14E-03	3.05E+01	5.62E-02	3.56E+01	6.56E-02
Michigan	Oceana	26127	R	Cadmium Compounds	0.00E+00	0.00E+00	4.97E-04	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	9.16E-07
Michigan	Oceana	26127	R	Carbon Tetrachloride	0.00E+00	0.00E+00	8.26E-03	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-03	1.52E-05
Michigan	Oceana	26127	R	Chloroform	0.00E+00	0.00E+00	5.48E-02	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02	1.01E-04
Michigan	Oceana	26127	R	Chromium Compounds	0.00E+00	0.00E+00	1.23E-02	2.26E-05	2.82E-03	5.19E-06	2.23E-03	4.11E-06	1.73E-02	3.19E-05
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

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Oceana	26127	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.94E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+00	3.57E-03
Michigan	Oceana	26127	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+01	5.32E-02	3.13E+01	5.77E-02	6.02E+01	1.11E-01
Michigan	Oceana	26127	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.52E-04	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	4.65E-07
Michigan	Oceana	26127	R	Ethylene Dichloride	0.00E+00	0.00E+00	5.48E-02	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02	1.01E-04
Michigan	Oceana	26127	R	Ethylene Oxide	0.00E+00	0.00E+00	1.32E-02	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	2.43E-05
Michigan	Oceana	26127	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.56E+01	2.87E-02	1.06E+01	1.95E-02	4.28E+01	7.89E-02	6.90E+01	1.27E-01
Michigan	Oceana	26127	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.97E-05	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	3.63E-08
Michigan	Oceana	26127	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
Michigan	Oceana	26127	R	Lead Compounds	0.00E+00	0.00E+00	5.83E-03	1.07E-05	3.97E-03	7.32E-06	0.00E+00	0.00E+00	9.80E-03	1.81E-05
Michigan	Oceana	26127	R	Manganese Compounds	0.00E+00	0.00E+00	1.84E-03	3.39E-06	1.22E-03	2.24E-06	2.51E-03	4.62E-06	5.56E-03	1.03E-05
Michigan	Oceana	26127	R	Mercury Compounds	0.00E+00	0.00E+00	1.97E-03	3.64E-06	3.97E-05	7.32E-08	6.03E-04	1.11E-06	2.62E-03	4.82E-06
Michigan	Oceana	26127	R	Methylene Chloride	0.00E+00	0.00E+00	4.93E+00	9.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E+00	9.09E-03
Michigan	Oceana	26127	R	Nickel Compounds	0.00E+00	0.00E+00	7.62E-03	1.40E-05	2.23E-03	4.11E-06	1.17E-03	2.15E-06	1.10E-02	2.03E-05
Michigan	Oceana	26127	R	Perchloroethylene	0.00E+00	0.00E+00	2.02E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00	3.72E-03
Michigan	Oceana	26127	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.74E+00	1.24E-02	1.95E-02	3.60E-05	2.24E-01	4.14E-04	6.98E+00	1.29E-02
Michigan	Oceana	26127	R	7-PAH	0.00E+00	0.00E+00	2.12E-01	3.91E-04	8.68E-03	1.60E-05	1.16E-01	2.14E-04	3.37E-01	6.21E-04
Michigan	Oceana	26127	R	Propylene Dichloride	0.00E+00	0.00E+00	2.74E-02	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02	5.05E-05
Michigan	Oceana	26127	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
Michigan	Oceana	26127	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.50E-01	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	4.61E-04
Michigan	Oceana	26127	R	Trichloroethylene	0.00E+00	0.00E+00	7.16E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-01	1.32E-03
Michigan	Oceana	26127	R	Vinyl Chloride	0.00E+00	0.00E+00	6.16E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-01	1.14E-03
Michigan	Ogemaw	26129	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	3.83E+00	6.71E-03	2.59E+00	4.53E-03	6.90E+00	1.21E-02	1.33E+01	2.33E-02
Michigan	Ogemaw	26129	R	Acrolein - Primary	0.00E+00	0.00E+00	4.09E+00	7.16E-03	4.53E-01	7.93E-04	1.19E+00	2.08E-03	5.73E+00	1.00E-02
Michigan	Ogemaw	26129	R	Acrylonitrile	0.00E+00	0.00E+00	1.15E-01	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	2.01E-04
Michigan	Ogemaw	26129	R	Arsenic Compounds	0.00E+00	0.00E+00	6.01E-03	1.05E-05	4.47E-05	7.83E-08	2.57E-07	4.49E-10	6.05E-03	1.06E-05
Michigan	Ogemaw	26129	R	Benzene	0.00E+00	0.00E+00	1.21E+01	2.12E-02	1.62E+01	2.84E-02	6.79E+01	1.19E-01	9.62E+01	1.69E-01
Michigan	Ogemaw	26129	R	Beryllium Compounds	0.00E+00	0.00E+00	1.54E-04	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	2.69E-07
Michigan	Ogemaw	26129	R	1,3-Butadiene	0.00E+00	0.00E+00	3.79E+00	6.64E-03	2.02E+00	3.54E-03	5.94E+00	1.04E-02	1.18E+01	2.06E-02
Michigan	Ogemaw	26129	R	Cadmium Compounds	0.00E+00	0.00E+00	4.48E-04	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	7.84E-07
Michigan	Ogemaw	26129	R	Carbon Tetrachloride	0.00E+00	0.00E+00	6.57E-03	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-03	1.15E-05
Michigan	Ogemaw	26129	R	Chloroform	0.00E+00	0.00E+00	4.12E-02	7.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02	7.21E-05
Michigan	Ogemaw	26129	R	Chromium Compounds	0.00E+00	0.00E+00	6.56E-03	1.15E-05	2.41E-03	4.22E-06	1.91E-03	3.34E-06	1.09E-02	1.90E-05
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
Michigan	Ogemaw	26129	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.66E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00	2.91E-03
Michigan	Ogemaw	26129	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+01	3.64E-02	2.60E+01	4.55E-02	4.68E+01	8.20E-02
Michigan	Ogemaw	26129	R	Ethylene Dibromide	0.00E+00	0.00E+00	6.29E-05	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05	1.10E-07
Michigan	Ogemaw	26129	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.36E-02	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	2.39E-05
Michigan	Ogemaw	26129	R	Ethylene Oxide	0.00E+00	0.00E+00	2.47E-02	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-02	4.33E-05
Michigan	Ogemaw	26129	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.42E+01	4.24E-02	7.64E+00	1.34E-02	1.23E+01	2.15E-02	4.41E+01	7.73E-02
Michigan	Ogemaw	26129	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.23E-05	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	2.16E-08
Michigan	Ogemaw	26129	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
Michigan	Ogemaw	26129	R	Lead Compounds	0.00E+00	0.00E+00	6.45E-03	1.13E-05	3.40E-03	5.95E-06	0.00E+00	0.00E+00	9.85E-03	1.72E-05
Michigan	Ogemaw	26129	R	Manganese Compounds	0.00E+00	0.00E+00	1.62E-03	2.83E-06	1.04E-03	1.82E-06	2.15E-03	3.76E-06	4.80E-03	8.40E-06
Michigan	Ogemaw	26129	R	Mercury Compounds	0.00E+00	0.00E+00	1.69E-03	2.96E-06	3.40E-05	5.95E-08	5.15E-04	9.02E-07	2.24E-03	3.92E-06
Michigan	Ogemaw	26129	R	Methylene Chloride	6.96E+00	1.22E-02	3.41E+00	5.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+01	1.82E-02
Michigan	Ogemaw	26129	R	Nickel Compounds	0.00E+00	0.00E+00	1.26E-01	2.21E-04	1.91E-03	3.34E-06	9.98E-04	1.75E-06	1.29E-01	2.26E-04
Michigan	Ogemaw	26129	R	Perchloroethylene	0.00E+00	0.00E+00	1.50E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00	2.62E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Ogemaw	26129	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.15E+00	1.08E-02	1.67E-02	2.93E-05	4.20E-02	7.36E-05	6.21E+00	1.09E-02
Michigan	Ogemaw	26129	R	7-PAH	0.00E+00	0.00E+00	2.59E-01	4.54E-04	7.42E-03	1.30E-05	2.17E-02	3.81E-05	2.88E-01	5.05E-04
Michigan	Ogemaw	26129	R	Propylene Dichloride	0.00E+00	0.00E+00	6.88E-03	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-03	1.20E-05
Michigan	Ogemaw	26129	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
Michigan	Ogemaw	26129	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	6.24E-02	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	1.09E-04
Michigan	Ogemaw	26129	R	Trichloroethylene	0.00E+00	0.00E+00	4.91E-01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-01	8.59E-04
Michigan	Ogemaw	26129	R	Vinyl Chloride	0.00E+00	0.00E+00	1.54E-01	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-01	2.69E-04
Michigan	Ontonagon	26131	R	Acetaldehyde - Primary	6.72E+00	5.06E-03	1.03E+01	7.74E-03	1.41E+00	1.06E-03	1.23E+01	9.23E-03	3.07E+01	2.31E-02
Michigan	Ontonagon	26131	R	Acrolein - Primary	0.00E+00	0.00E+00	1.07E+01	8.07E-03	2.18E-01	1.64E-04	2.19E+00	1.65E-03	1.31E+01	9.88E-03
Michigan	Ontonagon	26131	R	Acrylonitrile	0.00E+00	0.00E+00	2.06E-01	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-01	1.55E-04
Michigan	Ontonagon	26131	R	Arsenic Compounds	0.00E+00	0.00E+00	1.74E-03	1.31E-06	1.80E-05	1.36E-08	1.03E-07	7.80E-11	1.75E-03	1.32E-06
Michigan	Ontonagon	26131	R	Benzene	2.40E+01	1.81E-02	2.93E+01	2.21E-02	8.82E+00	6.64E-03	1.95E+02	1.47E-01	2.57E+02	1.94E-01
Michigan	Ontonagon	26131	R	Beryllium Compounds	0.00E+00	0.00E+00	6.48E-05	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-05	4.88E-08
Michigan	Ontonagon	26131	R	1,3-Butadiene	0.00E+00	0.00E+00	1.02E+01	7.68E-03	1.10E+00	8.29E-04	1.61E+01	1.21E-02	2.74E+01	2.06E-02
Michigan	Ontonagon	26131	R	Cadmium Compounds	0.00E+00	0.00E+00	6.15E-04	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	4.63E-07
Michigan	Ontonagon	26131	R	Carbon Tetrachloride	0.00E+00	0.00E+00	2.94E-03	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	2.22E-06
Michigan	Ontonagon	26131	R	Chloroform	0.00E+00	0.00E+00	1.63E-02	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	1.23E-05
Michigan	Ontonagon	26131	R	Chromium Compounds	0.00E+00	0.00E+00	3.07E-03	2.31E-06	9.71E-04	7.32E-07	7.69E-04	5.79E-07	4.81E-03	3.62E-06
Michigan	Ontonagon	26131	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
Michigan	Ontonagon	26131	R	1,3-Dichloropropene	0.00E+00	0.00E+00	6.70E-01	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-01	5.05E-04
Michigan	Ontonagon	26131	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+01	8.58E-03	3.00E+01	2.26E-02	4.14E+01	3.12E-02
Michigan	Ontonagon	26131	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.15E-04	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	8.64E-08
Michigan	Ontonagon	26131	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.50E-02	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-02	1.88E-05
Michigan	Ontonagon	26131	R	Ethylene Oxide	0.00E+00	0.00E+00	1.23E-02	9.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	9.23E-06
Michigan	Ontonagon	26131	R	Formaldehyde - Primary	3.11E+01	2.35E-02	6.50E+01	4.90E-02	4.16E+00	3.14E-03	2.16E+01	1.62E-02	1.22E+02	9.18E-02
Michigan	Ontonagon	26131	R	Hexachlorobenzene	0.00E+00	0.00E+00	3.85E-06	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-06	2.90E-09
Michigan	Ontonagon	26131	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
Michigan	Ontonagon	26131	R	Lead Compounds	0.00E+00	0.00E+00	1.20E-02	9.01E-06	1.37E-03	1.03E-06	0.00E+00	0.00E+00	1.33E-02	1.00E-05
Michigan	Ontonagon	26131	R	Manganese Compounds	0.00E+00	0.00E+00	1.97E-01	1.48E-04	4.19E-04	3.16E-07	8.65E-04	6.52E-07	1.98E-01	1.49E-04
Michigan	Ontonagon	26131	R	Mercury Compounds	0.00E+00	0.00E+00	1.97E-03	1.48E-06	1.37E-05	1.03E-08	2.08E-04	1.57E-07	2.19E-03	1.65E-06
Michigan	Ontonagon	26131	R	Methylene Chloride	0.00E+00	0.00E+00	1.91E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00	1.44E-03
Michigan	Ontonagon	26131	R	Nickel Compounds	0.00E+00	0.00E+00	4.14E-03	3.12E-06	7.70E-04	5.80E-07	4.03E-04	3.03E-07	5.31E-03	4.00E-06
Michigan	Ontonagon	26131	R	Perchloroethylene	0.00E+00	0.00E+00	6.17E-01	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-01	4.65E-04
Michigan	Ontonagon	26131	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Ontonagon	26131	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.34E+00	3.27E-03	6.74E-03	5.08E-06	1.03E-01	7.75E-05	4.45E+00	3.35E-03
Michigan	Ontonagon	26131	R	7-PAH	0.00E+00	0.00E+00	4.41E-01	3.32E-04	2.99E-03	2.26E-06	5.34E-02	4.02E-05	4.98E-01	3.75E-04
Michigan	Ontonagon	26131	R	Propylene Dichloride	0.00E+00	0.00E+00	1.24E-02	9.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	9.37E-06
Michigan	Ontonagon	26131	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
Michigan	Ontonagon	26131	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.14E-01	8.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01	8.57E-05
Michigan	Ontonagon	26131	R	Trichloroethylene	0.00E+00	0.00E+00	3.49E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-01	2.63E-04
Michigan	Ontonagon	26131	R	Vinyl Chloride	0.00E+00	0.00E+00	2.80E-01	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-01	2.11E-04
Michigan	Osceola	26133	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	2.78E+00	4.88E-03	3.21E+00	5.63E-03	2.90E+00	5.09E-03	8.88E+00	1.56E-02
Michigan	Osceola	26133	R	Acrolein - Primary	0.00E+00	0.00E+00	2.74E+00	4.81E-03	5.24E-01	9.21E-04	4.57E-01	8.03E-04	3.72E+00	6.54E-03
Michigan	Osceola	26133	R	Acrylonitrile	0.00E+00	0.00E+00	2.10E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01	3.68E-04
Michigan	Osceola	26133	R	Arsenic Compounds	0.00E+00	0.00E+00	1.28E-03	2.24E-06	4.74E-05	8.32E-08	2.72E-07	4.77E-10	1.32E-03	2.32E-06
Michigan	Osceola	26133	R	Benzene	0.00E+00	0.00E+00	9.27E+00	1.63E-02	2.01E+01	3.52E-02	3.70E+00	6.49E-03	3.30E+01	5.80E-02
Michigan	Osceola	26133	R	Beryllium Compounds	0.00E+00	0.00E+00	1.79E-04	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	3.14E-07

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Osceola	26133	R	1,3-Butadiene	0.00E+00	0.00E+00	2.50E+00	4.39E-03	2.50E+00	4.39E-03	4.73E-01	8.30E-04	5.48E+00	9.61E-03
Michigan	Osceola	26133	R	Cadmium Compounds	0.00E+00	0.00E+00	6.72E-04	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04	1.18E-06
Michigan	Osceola	26133	R	Carbon Tetrachloride	0.00E+00	0.00E+00	7.12E-03	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-03	1.25E-05
Michigan	Osceola	26133	R	Chloroform	0.00E+00	0.00E+00	4.22E-02	7.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02	7.41E-05
Michigan	Osceola	26133	R	Chromium Compounds	0.00E+00	0.00E+00	1.78E-03	3.12E-06	2.55E-03	4.48E-06	2.02E-03	3.54E-06	6.35E-03	1.11E-05
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
Michigan	Osceola	26133	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.76E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00	3.09E-03
Michigan	Osceola	26133	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+01	4.55E-02	2.20E+01	3.85E-02	4.79E+01	8.40E-02
Michigan	Osceola	26133	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.16E-04	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	2.04E-07
Michigan	Osceola	26133	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.53E-02	4.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02	4.44E-05
Michigan	Osceola	26133	R	Ethylene Oxide	0.00E+00	0.00E+00	1.30E-02	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02	2.29E-05
Michigan	Osceola	26133	R	Formaldehyde - Primary	0.00E+00	0.00E+00	1.89E+01	3.33E-02	9.47E+00	1.66E-02	5.94E+00	1.04E-02	3.44E+01	6.03E-02
Michigan	Osceola	26133	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.72E-05	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	3.02E-08
Michigan	Osceola	26133	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
Michigan	Osceola	26133	R	Lead Compounds	0.00E+00	0.00E+00	9.55E-03	1.68E-05	3.60E-03	6.32E-06	0.00E+00	0.00E+00	1.32E-02	2.31E-05
Michigan	Osceola	26133	R	Manganese Compounds	0.00E+00	0.00E+00	2.18E-03	3.83E-06	1.10E-03	1.93E-06	2.27E-03	3.99E-06	5.56E-03	9.75E-06
Michigan	Osceola	26133	R	Mercury Compounds	0.00E+00	0.00E+00	3.18E-03	5.58E-06	3.60E-05	6.32E-08	5.46E-04	9.58E-07	3.76E-03	6.60E-06
Michigan	Osceola	26133	R	Methylene Chloride	0.00E+00	0.00E+00	3.78E+00	6.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E+00	6.64E-03
Michigan	Osceola	26133	R	Nickel Compounds	0.00E+00	0.00E+00	1.19E-02	2.08E-05	2.02E-03	3.55E-06	1.06E-03	1.86E-06	1.49E-02	2.62E-05
Michigan	Osceola	26133	R	Perchloroethylene	0.00E+00	0.00E+00	2.18E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00	3.83E-03
Michigan	Osceola	26133	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.19E+00	1.09E-02	1.77E-02	3.11E-05	1.25E-03	2.20E-06	6.21E+00	1.09E-02
Michigan	Osceola	26133	R	7-PAH	0.00E+00	0.00E+00	2.02E-01	3.55E-04	7.86E-03	1.38E-05	5.97E-04	1.05E-06	2.11E-01	3.70E-04
Michigan	Osceola	26133	R	Propylene Dichloride	0.00E+00	0.00E+00	1.26E-02	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-02	2.22E-05
Michigan	Osceola	26133	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
Michigan	Osceola	26133	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.15E-01	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	2.02E-04
Michigan	Osceola	26133	R	Trichloroethylene	0.00E+00	0.00E+00	4.66E-01	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-01	8.18E-04
Michigan	Osceola	26133	R	Vinyl Chloride	0.00E+00	0.00E+00	2.84E-01	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-01	4.98E-04
Michigan	Oscoda	26135	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	5.37E+00	9.42E-03	1.25E+00	2.19E-03	1.21E+00	2.11E-03	7.82E+00	1.37E-02
Michigan	Oscoda	26135	R	Acrolein - Primary	0.00E+00	0.00E+00	5.61E+00	9.84E-03	2.06E-01	3.61E-04	1.91E-01	3.35E-04	6.01E+00	1.05E-02
Michigan	Oscoda	26135	R	Acrylonitrile	0.00E+00	0.00E+00	1.50E-01	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-01	2.63E-04
Michigan	Oscoda	26135	R	Arsenic Compounds	0.00E+00	0.00E+00	4.28E-04	7.50E-07	1.88E-05	3.30E-08	1.08E-07	1.89E-10	4.47E-04	7.83E-07
Michigan	Oscoda	26135	R	Benzene	0.00E+00	0.00E+00	1.56E+01	2.74E-02	7.81E+00	1.37E-02	2.31E+00	4.06E-03	2.57E+01	4.52E-02
Michigan	Oscoda	26135	R	Beryllium Compounds	0.00E+00	0.00E+00	5.96E-05	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05	1.05E-07
Michigan	Oscoda	26135	R	1,3-Butadiene	0.00E+00	0.00E+00	5.32E+00	9.33E-03	9.73E-01	1.71E-03	2.82E-01	4.94E-04	6.57E+00	1.15E-02
Michigan	Oscoda	26135	R	Cadmium Compounds	0.00E+00	0.00E+00	2.54E-04	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	4.45E-07
Michigan	Oscoda	26135	R	Carbon Tetrachloride	0.00E+00	0.00E+00	2.95E-03	5.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	5.17E-06
Michigan	Oscoda	26135	R	Chloroform	0.00E+00	0.00E+00	1.59E-02	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	2.79E-05
Michigan	Oscoda	26135	R	Chromium Compounds	0.00E+00	0.00E+00	6.77E-04	1.19E-06	1.01E-03	1.78E-06	8.02E-04	1.41E-06	2.49E-03	4.37E-06
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
Michigan	Oscoda	26135	R	1,3-Dichloropropene	0.00E+00	0.00E+00	6.90E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-01	1.21E-03
Michigan	Oscoda	26135	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+01	1.77E-02	1.26E+01	2.22E-02	2.27E+01	3.99E-02
Michigan	Oscoda	26135	R	Ethylene Dibromide	0.00E+00	0.00E+00	8.35E-05	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05	1.46E-07
Michigan	Oscoda	26135	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.82E-02	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02	3.20E-05
Michigan	Oscoda	26135	R	Ethylene Oxide	0.00E+00	0.00E+00	5.02E-04	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	8.81E-07
Michigan	Oscoda	26135	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.39E+01	5.95E-02	3.69E+00	6.46E-03	2.47E+00	4.34E-03	4.01E+01	7.03E-02
Michigan	Oscoda	26135	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.45E-06	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	4.30E-09
Michigan	Oscoda	26135	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

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Oscoda	26135	R	Lead Compounds	0.00E+00	0.00E+00	4.67E-03	8.19E-06	1.43E-03	2.51E-06	0.00E+00	0.00E+00	6.10E-03	1.07E-05
Michigan	Oscoda	26135	R	Manganese Compounds	0.00E+00	0.00E+00	2.59E-03	4.55E-06	4.37E-04	7.67E-07	9.03E-04	1.58E-06	3.93E-03	6.90E-06
Michigan	Oscoda	26135	R	Mercury Compounds	0.00E+00	0.00E+00	1.45E-03	2.54E-06	1.43E-05	2.51E-08	2.17E-04	3.80E-07	1.68E-03	2.95E-06
Michigan	Oscoda	26135	R	Methylene Chloride	0.00E+00	0.00E+00	1.73E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00	3.03E-03
Michigan	Oscoda	26135	R	Nickel Compounds	0.00E+00	0.00E+00	2.82E-03	4.95E-06	8.03E-04	1.41E-06	4.20E-04	7.36E-07	4.04E-03	7.09E-06
Michigan	Oscoda	26135	R	Perchloroethylene	0.00E+00	0.00E+00	4.95E-01	8.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-01	8.68E-04
Michigan	Oscoda	26135	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.39E+00	5.95E-03	7.03E-03	1.23E-05	8.87E-04	1.56E-06	3.40E+00	5.96E-03
Michigan	Oscoda	26135	R	7-PAH	0.00E+00	0.00E+00	2.53E-01	4.44E-04	3.12E-03	5.48E-06	4.39E-04	7.70E-07	2.57E-01	4.51E-04
Michigan	Oscoda	26135	R	Propylene Dichloride	0.00E+00	0.00E+00	9.07E-03	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-03	1.59E-05
Michigan	Oscoda	26135	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
Michigan	Oscoda	26135	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.28E-02	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-02	1.45E-04
Michigan	Oscoda	26135	R	Trichloroethylene	0.00E+00	0.00E+00	2.57E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-01	4.52E-04
Michigan	Oscoda	26135	R	Vinyl Chloride	0.00E+00	0.00E+00	2.04E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-01	3.58E-04
Michigan	Otsego	26137	R	Acetaldehyde - Primary	2.04E+01	3.90E-02	4.42E+00	8.48E-03	2.37E+00	4.53E-03	2.67E+01	5.11E-02	5.38E+01	1.03E-01
Michigan	Otsego	26137	R	Acrolein - Primary	0.00E+00	0.00E+00	4.46E+00	8.55E-03	4.36E-01	8.36E-04	4.79E+00	9.18E-03	9.69E+00	1.86E-02
Michigan	Otsego	26137	R	Acrylonitrile	0.00E+00	0.00E+00	1.28E-01	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01	2.46E-04
Michigan	Otsego	26137	R	Arsenic Compounds	0.00E+00	0.00E+00	1.16E-03	2.22E-06	4.58E-05	8.78E-08	2.63E-07	5.04E-10	1.20E-03	2.30E-06
Michigan	Otsego	26137	R	Benzene	0.00E+00	0.00E+00	2.93E+01	5.62E-02	1.48E+01	2.84E-02	3.74E+02	7.16E-01	4.18E+02	8.01E-01
Michigan	Otsego	26137	R	Beryllium Compounds	0.00E+00	0.00E+00	1.90E-04	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	3.64E-07
Michigan	Otsego	26137	R	1,3-Butadiene	0.00E+00	0.00E+00	4.15E+00	7.96E-03	1.85E+00	3.54E-03	3.16E+01	6.06E-02	3.76E+01	7.21E-02
Michigan	Otsego	26137	R	Cadmium Compounds	0.00E+00	0.00E+00	7.97E-04	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	1.53E-06
Michigan	Otsego	26137	R	Carbon Tetrachloride	0.00E+00	0.00E+00	6.79E-03	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	1.30E-05
Michigan	Otsego	26137	R	Chloroform	0.00E+00	0.00E+00	4.14E-02	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-02	7.93E-05
Michigan	Otsego	26137	R	Chromium Compounds	0.00E+00	0.00E+00	4.17E-03	7.99E-06	2.47E-03	4.73E-06	1.95E-03	3.74E-06	8.59E-03	1.65E-05
Michigan	Otsego	26137	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
Michigan	Otsego	26137	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.70E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00	3.26E-03
Michigan	Otsego	26137	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+01	3.65E-02	2.37E+01	4.54E-02	4.27E+01	8.19E-02
Michigan	Otsego	26137	R	Ethylene Dibromide	0.00E+00	0.00E+00	7.21E-05	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05	1.38E-07
Michigan	Otsego	26137	R	Ethylene Dichloride	0.00E+00	0.00E+00	1.58E-02	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	3.02E-05
Michigan	Otsego	26137	R	Ethylene Oxide	0.00E+00	0.00E+00	2.48E-02	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02	4.75E-05
Michigan	Otsego	26137	R	Formaldehyde - Primary	6.45E+00	1.24E-02	2.93E+01	5.62E-02	6.99E+00	1.34E-02	4.34E+01	8.33E-02	8.62E+01	1.65E-01
Michigan	Otsego	26137	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.15E-06	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06	7.96E-09
Michigan	Otsego	26137	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.46E-09
Michigan	Otsego	26137	R	Lead Compounds	0.00E+00	0.00E+00	1.50E-02	2.87E-05	3.48E-03	6.67E-06	0.00E+00	0.00E+00	1.84E-02	3.53E-05
Michigan	Otsego	26137	R	Manganese Compounds	0.00E+00	0.00E+00	4.41E-03	8.45E-06	1.06E-03	2.04E-06	2.20E-03	4.21E-06	7.67E-03	1.47E-05
Michigan	Otsego	26137	R	Mercury Compounds	0.00E+00	0.00E+00	4.81E-03	9.21E-06	3.48E-05	6.67E-08	5.28E-04	1.01E-06	5.37E-03	1.03E-05
Michigan	Otsego	26137	R	Methylene Chloride	0.00E+00	0.00E+00	3.77E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E+00	7.22E-03
Michigan	Otsego	26137	R	Nickel Compounds	0.00E+00	0.00E+00	1.20E-02	2.30E-05	1.96E-03	3.75E-06	1.02E-03	1.96E-06	1.50E-02	2.87E-05
Michigan	Otsego	26137	R	Perchloroethylene	0.00E+00	0.00E+00	2.39E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00	4.59E-03
Michigan	Otsego	26137	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Otsego	26137	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.20E+00	1.19E-02	1.71E-02	3.28E-05	2.38E-01	4.56E-04	6.46E+00	1.24E-02
Michigan	Otsego	26137	R	7-PAH	0.00E+00	0.00E+00	2.73E-01	5.23E-04	7.60E-03	1.46E-05	1.23E-01	2.37E-04	4.04E-01	7.75E-04
Michigan	Otsego	26137	R	Propylene Dichloride	0.00E+00	0.00E+00	7.73E-03	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-03	1.48E-05
Michigan	Otsego	26137	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	3.48E-09
Michigan	Otsego	26137	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	7.01E-02	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-02	1.34E-04
Michigan	Otsego	26137	R	Trichloroethylene	0.00E+00	0.00E+00	7.46E-01	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-01	1.43E-03
Michigan	Otsego	26137	R	Vinyl Chloride	0.00E+00	0.00E+00	1.73E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01	3.31E-04

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Ottawa	26139	U	Acetaldehyde - Primary	1.06E+00	1.90E-03	1.45E+00	2.60E-03	2.07E+01	3.69E-02	5.88E+01	1.05E-01	8.20E+01	1.46E-01
Michigan	Ottawa	26139	U	Acrolein - Primary	5.42E-01	9.67E-04	2.49E+00	4.45E-03	3.34E+00	5.97E-03	1.00E+01	1.79E-02	1.64E+01	2.93E-02
Michigan	Ottawa	26139	U	Acrylonitrile	0.00E+00	0.00E+00	3.78E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01	6.75E-04
Michigan	Ottawa	26139	U	Arsenic Compounds	7.66E-01	1.37E-03	9.06E-03	1.62E-05	1.53E-04	2.74E-07	2.66E-06	4.75E-09	7.75E-01	1.38E-03
Michigan	Ottawa	26139	U	Benzene	2.47E+00	4.40E-03	1.09E+01	1.94E-02	1.42E+02	2.53E-01	5.15E+02	9.20E-01	6.70E+02	1.20E+00
Michigan	Ottawa	26139	U	Beryllium Compounds	3.94E-02	7.04E-05	1.97E-03	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-02	7.39E-05
Michigan	Ottawa	26139	U	1,3-Butadiene	0.00E+00	0.00E+00	1.24E+00	2.21E-03	1.72E+01	3.07E-02	4.56E+01	8.14E-02	6.40E+01	1.14E-01
Michigan	Ottawa	26139	U	Cadmium Compounds	9.55E-02	1.70E-04	5.47E-03	9.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	1.80E-04
Michigan	Ottawa	26139	U	Carbon Tetrachloride	0.00E+00	0.00E+00	6.65E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-02	1.19E-04
Michigan	Ottawa	26139	U	Chloroform	0.00E+00	0.00E+00	4.56E-01	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-01	8.14E-04
Michigan	Ottawa	26139	U	Chromium Compounds	4.86E-01	8.68E-04	5.70E-01	1.02E-03	8.25E-03	1.47E-05	1.98E-02	3.53E-05	1.08E+00	1.94E-03
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
Michigan	Ottawa	26139	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.72E+01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+01	3.08E-02
Michigan	Ottawa	26139	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+02	2.07E-01	2.87E+02	5.13E-01	4.03E+02	7.20E-01
Michigan	Ottawa	26139	U	Ethylene Dibromide	0.00E+00	0.00E+00	2.93E-04	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	5.23E-07
Michigan	Ottawa	26139	U	Ethylene Dichloride	7.47E-02	1.33E-04	4.74E-02	8.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01	2.18E-04
Michigan	Ottawa	26139	U	Ethylene Oxide	0.00E+00	0.00E+00	1.41E-01	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	2.52E-04
Michigan	Ottawa	26139	U	Formaldehyde - Primary	4.70E-01	8.39E-04	1.09E+01	1.95E-02	6.05E+01	1.08E-01	1.08E+02	1.92E-01	1.80E+02	3.21E-01
Michigan	Ottawa	26139	U	Hexachlorobenzene	0.00E+00	0.00E+00	3.48E-05	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	6.21E-08
Michigan	Ottawa	26139	U	Hydrazine	5.00E-06	8.93E-09	5.04E-05	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05	9.89E-08
Michigan	Ottawa	26139	U	Lead Compounds	7.85E-01	1.40E-03	1.15E+00	2.05E-03	1.16E-02	2.08E-05	0.00E+00	0.00E+00	1.94E+00	3.47E-03
Michigan	Ottawa	26139	U	Manganese Compounds	9.16E-01	1.64E-03	2.97E-01	5.30E-04	3.56E-03	6.36E-06	2.22E-02	3.97E-05	1.24E+00	2.21E-03
Michigan	Ottawa	26139	U	Mercury Compounds	2.19E-01	3.91E-04	2.56E-02	4.58E-05	1.16E-04	2.08E-07	5.34E-03	9.54E-06	2.50E-01	4.46E-04
Michigan	Ottawa	26139	U	Methylene Chloride	5.47E-01	9.76E-04	4.78E+01	8.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E+01	8.63E-02
Michigan	Ottawa	26139	U	Nickel Compounds	5.23E-01	9.34E-04	3.26E-01	5.82E-04	6.54E-03	1.17E-05	1.03E-02	1.85E-05	8.66E-01	1.55E-03
Michigan	Ottawa	26139	U	Perchloroethylene	8.03E-02	1.43E-04	1.81E+01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+01	3.25E-02
Michigan	Ottawa	26139	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	3.62E-02	6.46E-05	1.66E+01	2.97E-02	5.73E-02	1.02E-04	3.07E-01	5.48E-04	1.70E+01	3.04E-02
Michigan	Ottawa	26139	U	7-PAH	7.32E-04	1.31E-06	3.06E-01	5.46E-04	2.54E-02	4.54E-05	1.59E-01	2.83E-04	4.90E-01	8.76E-04
Michigan	Ottawa	26139	U	Propylene Dichloride	0.00E+00	0.00E+00	2.31E-02	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	4.12E-05
Michigan	Ottawa	26139	U	Quinoline	0.00E+00	0.00E+00	1.20E-04	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	2.15E-07
Michigan	Ottawa	26139	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.96E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01	3.50E-04
Michigan	Ottawa	26139	U	Trichloroethylene	0.00E+00	0.00E+00	4.55E+00	8.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E+00	8.13E-03
Michigan	Ottawa	26139	U	Vinyl Chloride	0.00E+00	0.00E+00	4.95E-01	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-01	8.84E-04
Michigan	Presque Isle	26141	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.38E+00	6.62E-03	1.64E+00	2.48E-03	1.07E+01	1.62E-02	1.67E+01	2.53E-02
Michigan	Presque Isle	26141	R	Acrolein - Primary	0.00E+00	0.00E+00	4.61E+00	6.97E-03	2.99E-01	4.52E-04	2.74E+00	4.14E-03	7.65E+00	1.16E-02
Michigan	Presque Isle	26141	R	Acrylonitrile	0.00E+00	0.00E+00	1.81E-01	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-01	2.73E-04
Michigan	Presque Isle	26141	R	Arsenic Compounds	0.00E+00	0.00E+00	6.65E-04	1.00E-06	3.09E-05	4.67E-08	2.11E-02	3.20E-05	2.18E-02	3.30E-05
Michigan	Presque Isle	26141	R	Benzene	0.00E+00	0.00E+00	1.26E+01	1.91E-02	1.03E+01	1.55E-02	1.55E+02	2.34E-01	1.78E+02	2.69E-01
Michigan	Presque Isle	26141	R	Beryllium Compounds	0.00E+00	0.00E+00	9.73E-05	1.47E-07	0.00E+00	0.00E+00	2.11E-04	3.19E-07	3.08E-04	4.66E-07
Michigan	Presque Isle	26141	R	1,3-Butadiene	0.00E+00	0.00E+00	4.33E+00	6.54E-03	1.28E+00	1.93E-03	1.28E+01	1.94E-02	1.84E+01	2.78E-02
Michigan	Presque Isle	26141	R	Cadmium Compounds	0.00E+00	0.00E+00	2.15E-04	3.25E-07	0.00E+00	0.00E+00	2.95E-03	4.46E-06	3.17E-03	4.79E-06
Michigan	Presque Isle	26141	R	Carbon Tetrachloride	0.00E+00	0.00E+00	4.77E-03	7.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	7.20E-06
Michigan	Presque Isle	26141	R	Chloroform	0.00E+00	0.00E+00	2.90E-02	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-02	4.39E-05
Michigan	Presque Isle	26141	R	Chromium Compounds	0.00E+00	0.00E+00	1.06E-03	1.60E-06	1.66E-03	2.51E-06	1.10E-01	1.67E-04	1.13E-01	1.71E-04
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
Michigan	Presque Isle	26141	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.14E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00	1.72E-03
Michigan	Presque Isle	26141	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+01	1.98E-02	3.34E+01	5.04E-02	4.65E+01	7.02E-02

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Presque Isle	26141	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.02E-04	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	1.54E-07
Michigan	Presque Isle	26141	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.18E-02	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02	3.29E-05
Michigan	Presque Isle	26141	R	Ethylene Oxide	0.00E+00	0.00E+00	4.77E-03	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	7.21E-06
Michigan	Presque Isle	26141	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.76E+01	4.18E-02	4.84E+00	7.31E-03	1.93E+01	2.92E-02	5.18E+01	7.83E-02
Michigan	Presque Isle	26141	R	Hexachlorobenzene	0.00E+00	0.00E+00	1.19E-05	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	1.79E-08
Michigan	Presque Isle	26141	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	1.15E-09
Michigan	Presque Isle	26141	R	Lead Compounds	0.00E+00	0.00E+00	4.14E-03	6.26E-06	2.35E-03	3.55E-06	1.16E-02	1.75E-05	1.81E-02	2.73E-05
Michigan	Presque Isle	26141	R	Manganese Compounds	0.00E+00	0.00E+00	1.06E-03	1.60E-06	7.18E-04	1.09E-06	8.78E-02	1.33E-04	8.96E-02	1.35E-04
Michigan	Presque Isle	26141	R	Mercury Compounds	0.00E+00	0.00E+00	3.33E-04	5.04E-07	2.35E-05	3.55E-08	1.21E-03	1.83E-06	1.57E-03	2.37E-06
Michigan	Presque Isle	26141	R	Methylene Chloride	0.00E+00	0.00E+00	2.66E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+00	4.02E-03
Michigan	Presque Isle	26141	R	Nickel Compounds	0.00E+00	0.00E+00	2.97E-03	4.48E-06	1.32E-03	1.99E-06	8.40E-01	1.27E-03	8.44E-01	1.28E-03
Michigan	Presque Isle	26141	R	Perchloroethylene	0.00E+00	0.00E+00	1.96E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00	2.96E-03
Michigan	Presque Isle	26141	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.71E+00	7.11E-03	1.16E-02	1.75E-05	9.03E-02	1.36E-04	4.81E+00	7.26E-03
Michigan	Presque Isle	26141	R	7-PAH	0.00E+00	0.00E+00	2.42E-01	3.66E-04	5.13E-03	7.75E-06	4.23E-02	6.39E-05	2.89E-01	4.37E-04
Michigan	Presque Isle	26141	R	Propylene Dichloride	0.00E+00	0.00E+00	1.09E-02	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	1.65E-05
Michigan	Presque Isle	26141	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	2.75E-09
Michigan	Presque Isle	26141	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	9.95E-02	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-02	1.50E-04
Michigan	Presque Isle	26141	R	Trichloroethylene	0.00E+00	0.00E+00	3.83E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-01	5.78E-04
Michigan	Presque Isle	26141	R	Vinyl Chloride	0.00E+00	0.00E+00	2.45E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-01	3.70E-04
Michigan	Roscommon	26143	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.78E+00	8.91E-03	2.64E+00	4.92E-03	3.32E+00	6.18E-03	1.07E+01	2.00E-02
Michigan	Roscommon	26143	R	Acrolein - Primary	0.00E+00	0.00E+00	5.09E+00	9.48E-03	4.78E-01	8.90E-04	5.30E-01	9.87E-04	6.10E+00	1.14E-02
Michigan	Roscommon	26143	R	Acrylonitrile	0.00E+00	0.00E+00	3.41E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-01	6.36E-04
Michigan	Roscommon	26143	R	Arsenic Compounds	0.00E+00	0.00E+00	1.03E-03	1.92E-06	4.91E-05	9.15E-08	2.82E-07	5.25E-10	1.08E-03	2.01E-06
Michigan	Roscommon	26143	R	Benzene	0.00E+00	0.00E+00	1.42E+01	2.65E-02	1.66E+01	3.08E-02	9.03E+00	1.68E-02	3.98E+01	7.42E-02
Michigan	Roscommon	26143	R	Beryllium Compounds	0.00E+00	0.00E+00	1.60E-04	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	2.99E-07
Michigan	Roscommon	26143	R	1,3-Butadiene	0.00E+00	0.00E+00	4.74E+00	8.84E-03	2.06E+00	3.85E-03	9.79E-01	1.82E-03	7.79E+00	1.45E-02
Michigan	Roscommon	26143	R	Cadmium Compounds	0.00E+00	0.00E+00	3.47E-04	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	6.46E-07
Michigan	Roscommon	26143	R	Carbon Tetrachloride	0.00E+00	0.00E+00	7.60E-03	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03	1.42E-05
Michigan	Roscommon	26143	R	Chloroform	0.00E+00	0.00E+00	4.36E-02	8.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-02	8.13E-05
Michigan	Roscommon	26143	R	Chromium Compounds	0.00E+00	0.00E+00	1.61E-03	3.00E-06	2.64E-03	4.92E-06	2.09E-03	3.90E-06	6.35E-03	1.18E-05
Michigan	Roscommon	26143	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
Michigan	Roscommon	26143	R	1,3-Dichloropropene	0.00E+00	0.00E+00	1.82E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00	3.39E-03
Michigan	Roscommon	26143	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E+01	3.96E-02	1.38E+01	2.57E-02	3.50E+01	6.52E-02
Michigan	Roscommon	26143	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.90E-04	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	3.53E-07
Michigan	Roscommon	26143	R	Ethylene Dichloride	0.00E+00	0.00E+00	4.10E-02	7.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-02	7.64E-05
Michigan	Roscommon	26143	R	Ethylene Oxide	0.00E+00	0.00E+00	1.31E-03	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	2.44E-06
Michigan	Roscommon	26143	R	Formaldehyde - Primary	0.00E+00	0.00E+00	3.03E+01	5.64E-02	7.80E+00	1.45E-02	6.75E+00	1.26E-02	4.48E+01	8.35E-02
Michigan	Roscommon	26143	R	Hexachlorobenzene	0.00E+00	0.00E+00	5.42E-07	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-07	1.01E-09
Michigan	Roscommon	26143	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
Michigan	Roscommon	26143	R	Lead Compounds	0.00E+00	0.00E+00	2.61E-03	4.87E-06	3.73E-03	6.95E-06	0.00E+00	0.00E+00	6.34E-03	1.18E-05
Michigan	Roscommon	26143	R	Manganese Compounds	0.00E+00	0.00E+00	1.63E-03	3.03E-06	1.14E-03	2.13E-06	2.35E-03	4.39E-06	5.12E-03	9.55E-06
Michigan	Roscommon	26143	R	Mercury Compounds	0.00E+00	0.00E+00	7.83E-04	1.46E-06	3.73E-05	6.95E-08	5.66E-04	1.05E-06	1.39E-03	2.58E-06
Michigan	Roscommon	26143	R	Methylene Chloride	0.00E+00	0.00E+00	4.48E+00	8.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E+00	8.34E-03
Michigan	Roscommon	26143	R	Nickel Compounds	0.00E+00	0.00E+00	4.81E-03	8.96E-06	2.10E-03	3.90E-06	1.10E-03	2.04E-06	8.00E-03	1.49E-05
Michigan	Roscommon	26143	R	Perchloroethylene	0.00E+00	0.00E+00	2.37E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00	4.42E-03
Michigan	Roscommon	26143	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Roscommon	26143	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.66E+00	1.24E-02	1.84E-02	3.42E-05	3.88E-03	7.22E-06	6.68E+00	1.24E-02

1996 Emissions for Michigan

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State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Roscommon	26143	R	7-PAH	0.00E+00	0.00E+00	3.15E-01	5.87E-04	8.15E-03	1.52E-05	1.96E-03	3.64E-06	3.25E-01	6.06E-04
Michigan	Roscommon	26143	R	Propylene Dichloride	0.00E+00	0.00E+00	2.06E-02	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02	3.84E-05
Michigan	Roscommon	26143	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
Michigan	Roscommon	26143	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.88E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01	3.50E-04
Michigan	Roscommon	26143	R	Trichloroethylene	0.00E+00	0.00E+00	7.31E-01	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-01	1.36E-03
Michigan	Roscommon	26143	R	Vinyl Chloride	0.00E+00	0.00E+00	4.63E-01	8.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-01	8.62E-04
Michigan	Saginaw	26145	U	Acetaldehyde - Primary	1.01E-04	1.24E-07	1.45E+00	1.78E-03	2.29E+01	2.81E-02	2.98E+01	3.66E-02	5.42E+01	6.65E-02
Michigan	Saginaw	26145	U	Acrolein - Primary	5.13E-05	6.30E-08	2.56E+00	3.14E-03	3.47E+00	4.27E-03	5.03E+00	6.17E-03	1.11E+01	1.36E-02
Michigan	Saginaw	26145	U	Acrylonitrile	0.00E+00	0.00E+00	1.61E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00	1.98E-03
Michigan	Saginaw	26145	U	Arsenic Compounds	7.25E-05	8.90E-08	7.41E-03	9.10E-06	8.47E-05	1.04E-07	2.61E-06	3.21E-09	7.57E-03	9.30E-06
Michigan	Saginaw	26145	U	Benzene	3.15E+01	3.87E-02	1.28E+01	1.57E-02	1.60E+02	1.96E-01	4.97E+01	6.10E-02	2.54E+02	3.11E-01
Michigan	Saginaw	26145	U	Beryllium Compounds	3.71E-06	4.56E-09	2.23E-03	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	2.74E-06
Michigan	Saginaw	26145	U	1,3-Butadiene	0.00E+00	0.00E+00	1.31E+00	1.61E-03	1.93E+01	2.37E-02	7.15E+00	8.78E-03	2.78E+01	3.41E-02
Michigan	Saginaw	26145	U	Cadmium Compounds	9.00E-06	1.10E-08	7.40E-03	9.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	9.10E-06
Michigan	Saginaw	26145	U	Carbon Tetrachloride	0.00E+00	0.00E+00	6.72E-02	8.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-02	8.25E-05
Michigan	Saginaw	26145	U	Chloroform	0.00E+00	0.00E+00	4.68E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-01	5.75E-04
Michigan	Saginaw	26145	U	Chromium Compounds	1.10E+00	1.35E-03	1.81E-02	2.22E-05	4.56E-03	5.60E-06	1.94E-02	2.38E-05	1.14E+00	1.40E-03
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
Michigan	Saginaw	26145	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.69E+01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+01	2.08E-02
Michigan	Saginaw	26145	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+02	1.75E-01	1.72E+02	2.11E-01	3.15E+02	3.86E-01
Michigan	Saginaw	26145	U	Ethylene Dibromide	0.00E+00	0.00E+00	9.32E-04	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-04	1.14E-06
Michigan	Saginaw	26145	U	Ethylene Dichloride	7.07E-06	8.68E-09	1.95E-01	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	2.39E-04
Michigan	Saginaw	26145	U	Ethylene Oxide	0.00E+00	0.00E+00	4.19E-01	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01	5.14E-04
Michigan	Saginaw	26145	U	Formaldehyde - Primary	1.13E+01	1.39E-02	1.01E+01	1.24E-02	6.69E+01	8.22E-02	6.30E+01	7.73E-02	1.51E+02	1.86E-01
Michigan	Saginaw	26145	U	Hexachlorobenzene	0.00E+00	0.00E+00	6.42E-05	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-05	7.88E-08
Michigan	Saginaw	26145	U	Hydrazine	0.00E+00	0.00E+00	2.32E-05	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	2.85E-08
Michigan	Saginaw	26145	U	Lead Compounds	1.15E+00	1.41E-03	1.21E-01	1.48E-04	6.44E-03	7.90E-06	2.41E-01	2.95E-04	1.52E+00	1.86E-03
Michigan	Saginaw	26145	U	Manganese Compounds	9.70E+00	1.19E-02	5.13E-01	6.30E-04	1.97E-03	2.42E-06	2.18E-02	2.68E-05	1.02E+01	1.26E-02
Michigan	Saginaw	26145	U	Mercury Compounds	1.47E-05	1.80E-08	5.02E-02	6.16E-05	6.44E-05	7.90E-08	5.25E-03	6.44E-06	5.55E-02	6.82E-05
Michigan	Saginaw	26145	U	Methylene Chloride	5.13E-05	6.30E-08	4.26E+01	5.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E+01	5.23E-02
Michigan	Saginaw	26145	U	Nickel Compounds	1.72E+00	2.11E-03	1.23E-01	1.51E-04	3.61E-03	4.44E-06	1.02E-02	1.25E-05	1.85E+00	2.27E-03
Michigan	Saginaw	26145	U	Perchloroethylene	7.60E-06	9.34E-09	2.84E+01	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+01	3.49E-02
Michigan	Saginaw	26145	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	5.00E+00	6.14E-03	1.71E+01	2.10E-02	3.17E-02	3.89E-05	1.91E-02	2.34E-05	2.21E+01	2.72E-02
Michigan	Saginaw	26145	U	7-PAH	6.88E-08	8.45E-11	3.45E-01	4.24E-04	1.41E-02	1.73E-05	8.07E-03	9.91E-06	3.67E-01	4.51E-04
Michigan	Saginaw	26145	U	Propylene Dichloride	0.00E+00	0.00E+00	9.73E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-02	1.19E-04
Michigan	Saginaw	26145	U	Quinoline	0.00E+00	0.00E+00	5.54E-05	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05	6.81E-08
Michigan	Saginaw	26145	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	8.81E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-01	1.08E-03
Michigan	Saginaw	26145	U	Trichloroethylene	0.00E+00	0.00E+00	7.08E+00	8.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E+00	8.70E-03
Michigan	Saginaw	26145	U	Vinyl Chloride	0.00E+00	0.00E+00	2.32E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00	2.85E-03
Michigan	St. Clair	26147	U	Acetaldehyde - Primary	2.35E+00	3.42E-03	1.70E+00	2.47E-03	1.83E+01	2.66E-02	2.09E+01	3.04E-02	4.33E+01	6.29E-02
Michigan	St. Clair	26147	U	Acrolein - Primary	1.20E+00	1.74E-03	2.42E+00	3.52E-03	2.39E+00	3.47E-03	3.48E+00	5.06E-03	9.49E+00	1.38E-02
Michigan	St. Clair	26147	U	Acrylonitrile	0.00E+00	0.00E+00	3.77E-01	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-01	5.48E-04
Michigan	St. Clair	26147	U	Arsenic Compounds	1.69E+00	2.46E-03	5.98E-03	8.69E-06	1.11E-04	1.62E-07	4.28E-03	6.22E-06	1.70E+00	2.48E-03
Michigan	St. Clair	26147	U	Benzene	5.37E+00	7.81E-03	1.16E+01	1.69E-02	1.25E+02	1.82E-01	3.29E+01	4.78E-02	1.75E+02	2.54E-01
Michigan	St. Clair	26147	U	Beryllium Compounds	8.77E-02	1.27E-04	1.28E-03	1.85E-06	0.00E+00	0.00E+00	4.27E-05	6.21E-08	8.90E-02	1.29E-04
Michigan	St. Clair	26147	U	1,3-Butadiene	0.00E+00	0.00E+00	1.50E+00	2.19E-03	1.52E+01	2.21E-02	3.97E+00	5.77E-03	2.07E+01	3.00E-02
Michigan	St. Clair	26147	U	Cadmium Compounds	2.12E-01	3.08E-04	4.47E-03	6.49E-06	0.00E+00	0.00E+00	5.98E-04	8.69E-07	2.17E-01	3.15E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	St. Clair	26147	U	Carbon Tetrachloride	0.00E+00	0.00E+00	4.52E-02	6.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	6.57E-05
Michigan	St. Clair	26147	U	Chloroform	0.00E+00	0.00E+00	3.26E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-01	4.74E-04
Michigan	St. Clair	26147	U	Chromium Compounds	1.07E+00	1.56E-03	1.19E-01	1.73E-04	5.99E-03	8.71E-06	3.64E-02	5.29E-05	1.24E+00	1.80E-03
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
Michigan	St. Clair	26147	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.24E+01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+01	1.81E-02
Michigan	St. Clair	26147	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	1.60E-01	1.56E+02	2.27E-01	2.66E+02	3.87E-01
Michigan	St. Clair	26147	U	Ethylene Dibromide	0.00E+00	0.00E+00	2.82E-04	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	4.10E-07
Michigan	St. Clair	26147	U	Ethylene Dichloride	1.65E-01	2.40E-04	4.77E-02	6.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	3.10E-04
Michigan	St. Clair	26147	U	Ethylene Oxide	0.00E+00	0.00E+00	1.71E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-01	2.49E-04
Michigan	St. Clair	26147	U	Formaldehyde - Primary	1.06E+00	1.55E-03	1.20E+01	1.74E-02	5.36E+01	7.79E-02	4.28E+01	6.23E-02	1.09E+02	1.59E-01
Michigan	St. Clair	26147	U	Hexachlorobenzene	0.00E+00	0.00E+00	3.52E-05	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	5.12E-08
Michigan	St. Clair	26147	U	Hydrazine	0.00E+00	0.00E+00	4.19E-05	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	6.09E-08
Michigan	St. Clair	26147	U	Lead Compounds	1.74E+00	2.53E-03	7.09E-02	1.03E-04	8.45E-03	1.23E-05	2.59E-03	3.77E-06	1.82E+00	2.65E-03
Michigan	St. Clair	26147	U	Manganese Compounds	2.03E+00	2.95E-03	1.61E-02	2.34E-05	2.58E-03	3.76E-06	3.35E-02	4.87E-05	2.08E+00	3.02E-03
Michigan	St. Clair	26147	U	Mercury Compounds	5.24E-01	7.62E-04	2.05E-02	2.99E-05	8.45E-05	1.23E-07	4.03E-03	5.86E-06	5.48E-01	7.97E-04
Michigan	St. Clair	26147	U	Methylene Chloride	1.20E+00	1.74E-03	5.21E+01	7.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E+01	7.75E-02
Michigan	St. Clair	26147	U	Nickel Compounds	1.16E+00	1.68E-03	1.64E-01	2.39E-04	4.75E-03	6.90E-06	1.77E-01	2.58E-04	1.50E+00	2.19E-03
Michigan	St. Clair	26147	U	Perchloroethylene	1.78E-01	2.58E-04	1.10E+01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	1.63E-02
Michigan	St. Clair	26147	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	8.13E-02	1.18E-04	1.24E+01	1.80E-02	4.16E-02	6.04E-05	1.43E-02	2.07E-05	1.25E+01	1.82E-02
Michigan	St. Clair	26147	U	7-PAH	1.63E-03	2.37E-06	2.63E-01	3.82E-04	1.85E-02	2.68E-05	6.10E-03	8.87E-06	2.89E-01	4.20E-04
Michigan	St. Clair	26147	U	Propylene Dichloride	0.00E+00	0.00E+00	2.33E-02	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-02	3.39E-05
Michigan	St. Clair	26147	U	Quinoline	0.00E+00	0.00E+00	1.00E-04	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	1.45E-07
Michigan	St. Clair	26147	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.01E-01	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	2.93E-04
Michigan	St. Clair	26147	U	Trichloroethylene	0.00E+00	0.00E+00	2.97E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00	4.32E-03
Michigan	St. Clair	26147	U	Vinyl Chloride	0.00E+00	0.00E+00	6.49E-01	9.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-01	9.43E-04
Michigan	St. Joseph	26149	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.08E+00	2.11E-03	6.73E+00	1.31E-02	2.17E+01	4.22E-02	2.95E+01	5.74E-02
Michigan	St. Joseph	26149	R	Acrolein - Primary	0.00E+00	0.00E+00	1.30E+00	2.53E-03	1.25E+00	2.43E-03	3.75E+00	7.31E-03	6.30E+00	1.23E-02
Michigan	St. Joseph	26149	R	Acrylonitrile	0.00E+00	0.00E+00	2.34E-01	4.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-01	4.57E-04
Michigan	St. Joseph	26149	R	Arsenic Compounds	0.00E+00	0.00E+00	2.58E-03	5.03E-06	1.31E-04	2.56E-07	7.52E-07	1.47E-09	2.71E-03	5.28E-06
Michigan	St. Joseph	26149	R	Benzene	0.00E+00	0.00E+00	6.21E+00	1.21E-02	4.23E+01	8.24E-02	2.22E+02	4.32E-01	2.70E+02	5.27E-01
Michigan	St. Joseph	26149	R	Beryllium Compounds	0.00E+00	0.00E+00	5.82E-04	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	1.13E-06
Michigan	St. Joseph	26149	R	1,3-Butadiene	0.00E+00	0.00E+00	9.13E-01	1.78E-03	5.27E+00	1.03E-02	1.91E+01	3.71E-02	2.52E+01	4.92E-02
Michigan	St. Joseph	26149	R	Cadmium Compounds	0.00E+00	0.00E+00	1.39E-03	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	2.71E-06
Michigan	St. Joseph	26149	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.13E-02	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	2.20E-05
Michigan	St. Joseph	26149	R	Chloroform	0.00E+00	0.00E+00	1.32E-01	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	2.58E-04
Michigan	St. Joseph	26149	R	Chromium Compounds	0.00E+00	0.00E+00	1.28E-02	2.49E-05	7.06E-03	1.38E-05	5.59E-03	1.09E-05	2.54E-02	4.96E-05
Michigan	St. Joseph	26149	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
Michigan	St. Joseph	26149	R	1,3-Dichloropropene	0.00E+00	0.00E+00	4.87E+00	9.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E+00	9.49E-03
Michigan	St. Joseph	26149	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E+01	1.05E-01	7.27E+01	1.42E-01	1.27E+02	2.47E-01
Michigan	St. Joseph	26149	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.28E-04	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	2.49E-07
Michigan	St. Joseph	26149	R	Ethylene Dichloride	0.00E+00	0.00E+00	2.89E-02	5.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-02	5.62E-05
Michigan	St. Joseph	26149	R	Ethylene Oxide	0.00E+00	0.00E+00	2.70E-02	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-02	5.27E-05
Michigan	St. Joseph	26149	R	Formaldehyde - Primary	0.00E+00	0.00E+00	7.86E+00	1.53E-02	1.99E+01	3.87E-02	3.79E+01	7.39E-02	6.56E+01	1.28E-01
Michigan	St. Joseph	26149	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.12E-05	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	8.04E-08
Michigan	St. Joseph	26149	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
Michigan	St. Joseph	26149	R	Lead Compounds	0.00E+00	0.00E+00	6.06E-02	1.18E-04	9.97E-03	1.94E-05	0.00E+00	0.00E+00	7.06E-02	1.37E-04
Michigan	St. Joseph	26149	R	Manganese Compounds	0.00E+00	0.00E+00	4.74E-03	9.25E-06	3.05E-03	5.94E-06	6.29E-03	1.23E-05	1.41E-02	2.74E-05

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	St. Joseph	26149	R	Mercury Compounds	0.00E+00	0.00E+00	5.24E-03	1.02E-05	9.97E-05	1.94E-07	1.51E-03	2.94E-06	6.85E-03	1.34E-05
Michigan	St. Joseph	26149	R	Methylene Chloride	0.00E+00	0.00E+00	1.00E+01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+01	1.96E-02
Michigan	St. Joseph	26149	R	Nickel Compounds	0.00E+00	0.00E+00	7.69E-02	1.50E-04	5.60E-03	1.09E-05	2.93E-03	5.70E-06	8.54E-02	1.66E-04
Michigan	St. Joseph	26149	R	Perchloroethylene	0.00E+00	0.00E+00	5.75E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E+00	1.12E-02
Michigan	St. Joseph	26149	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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. Joseph	26149	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	5.11E+00	9.96E-03	4.90E-02	9.55E-05	1.39E-01	2.71E-04	5.30E+00	1.03E-02
Michigan	St. Joseph	26149	R	7-PAH	0.00E+00	0.00E+00	9.99E-02	1.95E-04	2.18E-02	4.24E-05	7.20E-02	1.40E-04	1.94E-01	3.77E-04
Michigan	St. Joseph	26149	R	Propylene Dichloride	0.00E+00	0.00E+00	1.40E-02	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	2.73E-05
Michigan	St. Joseph	26149	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
Michigan	St. Joseph	26149	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.27E-01	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-01	2.47E-04
Michigan	St. Joseph	26149	R	Trichloroethylene	0.00E+00	0.00E+00	9.37E-01	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-01	1.83E-03
Michigan	St. Joseph	26149	R	Vinyl Chloride	0.00E+00	0.00E+00	3.12E-01	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-01	6.08E-04
Michigan	Sanilac	26151	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	7.83E-01	8.15E-04	6.36E+00	6.62E-03	1.51E+01	1.57E-02	2.22E+01	2.32E-02
Michigan	Sanilac	26151	R	Acrolein - Primary	0.00E+00	0.00E+00	1.02E+00	1.07E-03	1.03E+00	1.07E-03	2.61E+00	2.72E-03	4.66E+00	4.86E-03
Michigan	Sanilac	26151	R	Acrylonitrile	0.00E+00	0.00E+00	4.04E-01	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-01	4.21E-04
Michigan	Sanilac	26151	R	Arsenic Compounds	0.00E+00	0.00E+00	1.23E-03	1.28E-06	9.12E-05	9.50E-08	5.23E-07	5.45E-10	1.32E-03	1.38E-06
Michigan	Sanilac	26151	R	Benzene	0.00E+00	0.00E+00	3.86E+00	4.02E-03	3.98E+01	4.14E-02	1.60E+02	1.67E-01	2.04E+02	2.12E-01
Michigan	Sanilac	26151	R	Beryllium Compounds	0.00E+00	0.00E+00	3.19E-04	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	3.33E-07
Michigan	Sanilac	26151	R	1,3-Butadiene	0.00E+00	0.00E+00	7.52E-01	7.83E-04	4.96E+00	5.16E-03	1.38E+01	1.43E-02	1.95E+01	2.03E-02
Michigan	Sanilac	26151	R	Cadmium Compounds	0.00E+00	0.00E+00	9.09E-04	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04	9.47E-07
Michigan	Sanilac	26151	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.14E-02	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	1.18E-05
Michigan	Sanilac	26151	R	Chloroform	0.00E+00	0.00E+00	9.43E-02	9.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-02	9.82E-05
Michigan	Sanilac	26151	R	Chromium Compounds	0.00E+00	0.00E+00	1.18E-02	1.22E-05	4.91E-03	5.12E-06	3.89E-03	4.05E-06	2.06E-02	2.14E-05
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
Michigan	Sanilac	26151	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.39E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+00	3.53E-03
Michigan	Sanilac	26151	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E+01	5.35E-02	9.71E+01	1.01E-01	1.48E+02	1.55E-01
Michigan	Sanilac	26151	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.25E-04	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	2.35E-07
Michigan	Sanilac	26151	R	Ethylene Dichloride	0.00E+00	0.00E+00	4.87E-02	5.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-02	5.07E-05
Michigan	Sanilac	26151	R	Ethylene Oxide	0.00E+00	0.00E+00	4.17E-02	4.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02	4.34E-05
Michigan	Sanilac	26151	R	Formaldehyde - Primary	0.00E+00	0.00E+00	5.11E+00	5.32E-03	1.88E+01	1.96E-02	2.70E+01	2.81E-02	5.09E+01	5.30E-02
Michigan	Sanilac	26151	R	Hexachlorobenzene	0.00E+00	0.00E+00	8.97E-05	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05	9.34E-08
Michigan	Sanilac	26151	R	Hydrazine	0.00E+00	0.00E+00	7.61E-07	7.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	7.93E-10
Michigan	Sanilac	26151	R	Lead Compounds	0.00E+00	0.00E+00	1.53E-02	1.59E-05	6.93E-03	7.22E-06	0.00E+00	0.00E+00	2.22E-02	2.31E-05
Michigan	Sanilac	26151	R	Manganese Compounds	0.00E+00	0.00E+00	2.11E-03	2.20E-06	2.12E-03	2.21E-06	4.38E-03	4.56E-06	8.61E-03	8.97E-06
Michigan	Sanilac	26151	R	Mercury Compounds	0.00E+00	0.00E+00	5.24E-03	5.46E-06	6.93E-05	7.22E-08	1.05E-03	1.10E-06	6.36E-03	6.63E-06
Michigan	Sanilac	26151	R	Methylene Chloride	0.00E+00	0.00E+00	8.07E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E+00	8.40E-03
Michigan	Sanilac	26151	R	Nickel Compounds	0.00E+00	0.00E+00	2.36E-02	2.46E-05	3.89E-03	4.06E-06	2.04E-03	2.12E-06	2.96E-02	3.08E-05
Michigan	Sanilac	26151	R	Perchloroethylene	0.00E+00	0.00E+00	3.07E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+00	3.19E-03
Michigan	Sanilac	26151	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	3.38E+00	3.52E-03	3.41E-02	3.55E-05	9.43E-02	9.82E-05	3.51E+00	3.66E-03
Michigan	Sanilac	26151	R	7-PAH	0.00E+00	0.00E+00	7.52E-02	7.84E-05	1.51E-02	1.58E-05	4.88E-02	5.08E-05	1.39E-01	1.45E-04
Michigan	Sanilac	26151	R	Propylene Dichloride	0.00E+00	0.00E+00	2.44E-02	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-02	2.54E-05
Michigan	Sanilac	26151	R	Quinoline	0.00E+00	0.00E+00	1.82E-06	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	1.89E-09
Michigan	Sanilac	26151	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.22E-01	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-01	2.31E-04
Michigan	Sanilac	26151	R	Trichloroethylene	0.00E+00	0.00E+00	9.15E-01	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-01	9.53E-04
Michigan	Sanilac	26151	R	Vinyl Chloride	0.00E+00	0.00E+00	5.56E-01	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-01	5.79E-04
Michigan	Schoolcraft	26153	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	9.57E+00	8.13E-03	7.99E-01	6.79E-04	4.90E+00	4.16E-03	1.53E+01	1.30E-02
Michigan	Schoolcraft	26153	R	Acrolein - Primary	0.00E+00	0.00E+00	9.98E+00	8.48E-03	1.62E-01	1.38E-04	1.03E+00	8.74E-04	1.12E+01	9.49E-03

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Schoolcraft	26153	R	Acrylonitrile	0.00E+00	0.00E+00	2.94E-01	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-01	2.50E-04
Michigan	Schoolcraft	26153	R	Arsenic Compounds	0.00E+00	0.00E+00	4.77E-03	4.05E-06	1.85E-05	1.57E-08	4.18E-03	3.55E-06	8.97E-03	7.62E-06
Michigan	Schoolcraft	26153	R	Benzene	0.00E+00	0.00E+00	2.76E+01	2.34E-02	5.04E+00	4.28E-03	6.57E+01	5.58E-02	9.83E+01	8.35E-02
Michigan	Schoolcraft	26153	R	Beryllium Compounds	0.00E+00	0.00E+00	6.26E-05	5.32E-08	0.00E+00	0.00E+00	4.17E-05	3.54E-08	1.04E-04	8.86E-08
Michigan	Schoolcraft	26153	R	1,3-Butadiene	0.00E+00	0.00E+00	9.49E+00	8.06E-03	6.28E-01	5.34E-04	5.47E+00	4.65E-03	1.56E+01	1.33E-02
Michigan	Schoolcraft	26153	R	Cadmium Compounds	0.00E+00	0.00E+00	1.33E-03	1.13E-06	0.00E+00	0.00E+00	5.84E-04	4.96E-07	1.91E-03	1.62E-06
Michigan	Schoolcraft	26153	R	Carbon Tetrachloride	0.00E+00	0.00E+00	3.17E-03	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	2.70E-06
Michigan	Schoolcraft	26153	R	Chloroform	0.00E+00	0.00E+00	1.74E-02	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	1.48E-05
Michigan	Schoolcraft	26153	R	Chromium Compounds	0.00E+00	0.00E+00	8.82E-03	7.49E-06	9.98E-04	8.48E-07	2.24E-02	1.90E-05	3.22E-02	2.73E-05
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
Michigan	Schoolcraft	26153	R	1,3-Dichloropropene	0.00E+00	0.00E+00	6.80E-01	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-01	5.78E-04
Michigan	Schoolcraft	26153	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E+00	5.41E-03	1.89E+01	1.61E-02	2.53E+01	2.15E-02
Michigan	Schoolcraft	26153	R	Ethylene Dibromide	0.00E+00	0.00E+00	1.64E-04	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	1.39E-07
Michigan	Schoolcraft	26153	R	Ethylene Dichloride	0.00E+00	0.00E+00	3.56E-02	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-02	3.02E-05
Michigan	Schoolcraft	26153	R	Ethylene Oxide	0.00E+00	0.00E+00	1.23E-02	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	1.04E-05
Michigan	Schoolcraft	26153	R	Formaldehyde - Primary	0.00E+00	0.00E+00	6.08E+01	5.17E-02	2.36E+00	2.00E-03	8.80E+00	7.47E-03	7.20E+01	6.12E-02
Michigan	Schoolcraft	26153	R	Hexachlorobenzene	0.00E+00	0.00E+00	2.14E-06	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-06	1.82E-09
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
Michigan	Schoolcraft	26153	R	Lead Compounds	0.00E+00	0.00E+00	2.68E-02	2.28E-05	1.41E-03	1.20E-06	2.29E-03	1.95E-06	3.05E-02	2.60E-05
Michigan	Schoolcraft	26153	R	Manganese Compounds	0.00E+00	0.00E+00	6.65E-01	5.65E-04	4.31E-04	3.66E-07	1.79E-02	1.53E-05	6.84E-01	5.81E-04
Michigan	Schoolcraft	26153	R	Mercury Compounds	0.00E+00	0.00E+00	1.76E-03	1.49E-06	1.41E-05	1.20E-08	3.82E-04	3.25E-07	2.15E-03	1.83E-06
Michigan	Schoolcraft	26153	R	Methylene Chloride	0.00E+00	0.00E+00	2.27E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00	1.93E-03
Michigan	Schoolcraft	26153	R	Nickel Compounds	0.00E+00	0.00E+00	3.65E-03	3.10E-06	7.91E-04	6.72E-07	1.66E-01	1.41E-04	1.71E-01	1.45E-04
Michigan	Schoolcraft	26153	R	Perchloroethylene	0.00E+00	0.00E+00	2.03E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+00	1.72E-03
Michigan	Schoolcraft	26153	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.25E+00	3.61E-03	6.93E-03	5.89E-06	3.71E-02	3.15E-05	4.30E+00	3.65E-03
Michigan	Schoolcraft	26153	R	7-PAH	0.00E+00	0.00E+00	4.11E-01	3.49E-04	3.08E-03	2.61E-06	1.83E-02	1.56E-05	4.33E-01	3.68E-04
Michigan	Schoolcraft	26153	R	Propylene Dichloride	0.00E+00	0.00E+00	1.78E-02	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02	1.51E-05
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
Michigan	Schoolcraft	26153	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.62E-01	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-01	1.38E-04
Michigan	Schoolcraft	26153	R	Trichloroethylene	0.00E+00	0.00E+00	4.46E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-01	3.79E-04
Michigan	Schoolcraft	26153	R	Vinyl Chloride	0.00E+00	0.00E+00	4.00E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-01	3.40E-04
Michigan	Shiawassee	26155	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	8.93E-01	1.65E-03	7.52E+00	1.39E-02	9.34E+00	1.73E-02	1.78E+01	3.28E-02
Michigan	Shiawassee	26155	R	Acrolein - Primary	0.00E+00	0.00E+00	1.31E+00	2.42E-03	1.44E+00	2.66E-03	1.47E+00	2.72E-03	4.21E+00	7.79E-03
Michigan	Shiawassee	26155	R	Acrylonitrile	1.83E-01	3.38E-04	1.41E-01	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-01	5.98E-04
Michigan	Shiawassee	26155	R	Arsenic Compounds	0.00E+00	0.00E+00	1.80E-03	3.33E-06	1.55E-04	2.87E-07	8.90E-07	1.65E-09	1.96E-03	3.62E-06
Michigan	Shiawassee	26155	R	Benzene	4.72E-01	8.72E-04	5.67E+00	1.05E-02	4.73E+01	8.75E-02	9.44E+00	1.75E-02	6.29E+01	1.16E-01
Michigan	Shiawassee	26155	R	Beryllium Compounds	0.00E+00	0.00E+00	5.17E-04	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	9.56E-07
Michigan	Shiawassee	26155	R	1,3-Butadiene	0.00E+00	0.00E+00	8.73E-01	1.61E-03	5.89E+00	1.09E-02	1.26E+00	2.33E-03	8.02E+00	1.48E-02
Michigan	Shiawassee	26155	R	Cadmium Compounds	0.00E+00	0.00E+00	1.38E-03	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	2.55E-06
Michigan	Shiawassee	26155	R	Carbon Tetrachloride	3.35E-04	6.19E-07	2.13E-02	3.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-02	3.99E-05
Michigan	Shiawassee	26155	R	Chloroform	1.95E-03	3.60E-06	1.51E-01	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01	2.84E-04
Michigan	Shiawassee	26155	R	Chromium Compounds	0.00E+00	0.00E+00	1.15E-01	2.12E-04	8.36E-03	1.55E-05	6.62E-03	1.22E-05	1.30E-01	2.40E-04
Michigan	Shiawassee	26155	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
Michigan	Shiawassee	26155	R	1,3-Dichloropropene	0.00E+00	0.00E+00	5.77E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E+00	1.07E-02
Michigan	Shiawassee	26155	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+01	1.11E-01	6.35E+01	1.17E-01	1.24E+02	2.29E-01
Michigan	Shiawassee	26155	R	Ethylene Dibromide	1.02E-04	1.89E-07	7.45E-05	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	3.27E-07
Michigan	Shiawassee	26155	R	Ethylene Dichloride	2.21E-02	4.08E-05	1.74E-02	3.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-02	7.30E-05

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Shiawassee	26155	R	Ethylene Oxide	0.00E+00	0.00E+00	5.51E-02	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02	1.02E-04
Michigan	Shiawassee	26155	R	Formaldehyde - Primary	0.00E+00	0.00E+00	5.87E+00	1.09E-02	2.22E+01	4.11E-02	1.91E+01	3.53E-02	4.72E+01	8.73E-02
Michigan	Shiawassee	26155	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.66E-05	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	8.62E-08
Michigan	Shiawassee	26155	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
Michigan	Shiawassee	26155	R	Lead Compounds	0.00E+00	0.00E+00	2.08E-02	3.84E-05	1.18E-02	2.18E-05	0.00E+00	0.00E+00	3.26E-02	6.02E-05
Michigan	Shiawassee	26155	R	Manganese Compounds	0.00E+00	0.00E+00	2.99E-03	5.53E-06	3.61E-03	6.67E-06	7.45E-03	1.38E-05	1.40E-02	2.60E-05
Michigan	Shiawassee	26155	R	Mercury Compounds	5.04E-05	9.32E-08	8.12E-03	1.50E-05	1.18E-04	2.18E-07	1.79E-03	3.31E-06	1.01E-02	1.86E-05
Michigan	Shiawassee	26155	R	Methylene Chloride	6.61E-01	1.22E-03	1.06E+01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+01	2.09E-02
Michigan	Shiawassee	26155	R	Nickel Compounds	0.00E+00	0.00E+00	1.71E-02	3.15E-05	6.63E-03	1.22E-05	3.46E-03	6.40E-06	2.71E-02	5.02E-05
Michigan	Shiawassee	26155	R	Perchloroethylene	3.37E-01	6.22E-04	3.68E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E+00	7.42E-03
Michigan	Shiawassee	26155	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Shiawassee	26155	R	Polycyclic Organic Matter	0.00E+00	0.00E+00	5.85E+00	1.08E-02	5.80E-02	1.07E-04	2.94E-03	5.43E-06	5.91E+00	1.09E-02
Michigan	Shiawassee	26155	R	7-PAH	0.00E+00	0.00E+00	1.21E-01	2.24E-04	2.58E-02	4.76E-05	1.35E-03	2.49E-06	1.48E-01	2.74E-04
Michigan	Shiawassee	26155	R	Propylene Dichloride	1.11E-02	2.05E-05	8.28E-03	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-02	3.58E-05
Michigan	Shiawassee	26155	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
Michigan	Shiawassee	26155	R	1,1,2,2-Tetrachloroethane	1.01E-01	1.87E-04	7.39E-02	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	3.24E-04
Michigan	Shiawassee	26155	R	Trichloroethylene	2.67E+01	4.94E-02	1.08E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+01	5.14E-02
Michigan	Shiawassee	26155	R	Vinyl Chloride	2.50E-01	4.62E-04	1.82E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-01	7.98E-04
Michigan	Tuscola	26157	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.40E+00	1.71E-03	7.83E+00	9.55E-03	7.92E+00	9.66E-03	1.72E+01	2.09E-02
Michigan	Tuscola	26157	R	Acrolein - Primary	0.00E+00	0.00E+00	1.76E+00	2.14E-03	1.32E+00	1.61E-03	1.26E+00	1.53E-03	4.33E+00	5.29E-03
Michigan	Tuscola	26157	R	Acrylonitrile	0.00E+00	0.00E+00	5.20E-01	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-01	6.35E-04
Michigan	Tuscola	26157	R	Arsenic Compounds	0.00E+00	0.00E+00	1.47E-03	1.80E-06	1.24E-04	1.51E-07	7.12E-07	8.68E-10	1.60E-03	1.95E-06
Michigan	Tuscola	26157	R	Benzene	0.00E+00	0.00E+00	7.95E+00	9.69E-03	4.91E+01	5.99E-02	1.55E+01	1.89E-02	7.25E+01	8.84E-02
Michigan	Tuscola	26157	R	Beryllium Compounds	0.00E+00	0.00E+00	4.44E-04	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	5.41E-07
Michigan	Tuscola	26157	R	1,3-Butadiene	0.00E+00	0.00E+00	1.38E+00	1.68E-03	6.12E+00	7.46E-03	1.66E+00	2.02E-03	9.16E+00	1.12E-02
Michigan	Tuscola	26157	R	Cadmium Compounds	0.00E+00	0.00E+00	1.35E-03	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	1.64E-06
Michigan	Tuscola	26157	R	Carbon Tetrachloride	0.00E+00	0.00E+00	1.18E-02	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	1.44E-05
Michigan	Tuscola	26157	R	Chloroform	0.00E+00	0.00E+00	1.16E-01	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01	1.41E-04
Michigan	Tuscola	26157	R	Chromium Compounds	0.00E+00	0.00E+00	1.64E-03	2.00E-06	6.68E-03	8.15E-06	5.29E-03	6.45E-06	1.36E-02	1.66E-05
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
Michigan	Tuscola	26157	R	1,3-Dichloropropene	0.00E+00	0.00E+00	4.61E+00	5.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E+00	5.62E-03
Michigan	Tuscola	26157	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E+01	7.69E-02	7.97E+01	9.72E-02	1.43E+02	1.74E-01
Michigan	Tuscola	26157	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.91E-04	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	3.54E-07
Michigan	Tuscola	26157	R	Ethylene Dichloride	0.00E+00	0.00E+00	6.35E-02	7.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-02	7.74E-05
Michigan	Tuscola	26157	R	Ethylene Oxide	0.00E+00	0.00E+00	6.61E-02	8.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-02	8.06E-05
Michigan	Tuscola	26157	R	Formaldehyde - Primary	0.00E+00	0.00E+00	9.01E+00	1.10E-02	2.31E+01	2.82E-02	1.61E+01	1.96E-02	4.82E+01	5.88E-02
Michigan	Tuscola	26157	R	Hexachlorobenzene	0.00E+00	0.00E+00	6.75E-05	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	8.24E-08
Michigan	Tuscola	26157	R	Hydrazine	0.00E+00	0.00E+00	1.52E-06	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	1.86E-09
Michigan	Tuscola	26157	R	Lead Compounds	0.00E+00	0.00E+00	4.37E-02	5.33E-05	9.43E-03	1.15E-05	0.00E+00	0.00E+00	5.31E-02	6.48E-05
Michigan	Tuscola	26157	R	Manganese Compounds	0.00E+00	0.00E+00	2.43E-03	2.97E-06	2.88E-03	3.52E-06	5.95E-03	7.26E-06	1.13E-02	1.37E-05
Michigan	Tuscola	26157	R	Mercury Compounds	0.00E+00	0.00E+00	8.81E-03	1.07E-05	9.43E-05	1.15E-07	1.43E-03	1.74E-06	1.03E-02	1.26E-05
Michigan	Tuscola	26157	R	Methylene Chloride	0.00E+00	0.00E+00	9.87E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E+00	1.20E-02
Michigan	Tuscola	26157	R	Nickel Compounds	0.00E+00	0.00E+00	1.49E-02	1.82E-05	5.30E-03	6.46E-06	2.77E-03	3.38E-06	2.30E-02	2.80E-05
Michigan	Tuscola	26157	R	Perchloroethylene	0.00E+00	0.00E+00	3.70E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00	4.51E-03
Michigan	Tuscola	26157	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	4.81E+00	5.86E-03	4.64E-02	5.66E-05	6.53E-03	7.96E-06	4.86E+00	5.93E-03
Michigan	Tuscola	26157	R	7-PAH	0.00E+00	0.00E+00	1.26E-01	1.54E-04	2.06E-02	2.51E-05	3.25E-03	3.96E-06	1.50E-01	1.83E-04
Michigan	Tuscola	26157	R	Propylene Dichloride	0.00E+00	0.00E+00	3.14E-02	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02	3.82E-05

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Tuscola	26157	R	Quinoline	0.00E+00	0.00E+00	3.64E-06	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-06	4.43E-09
Michigan	Tuscola	26157	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.85E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-01	3.48E-04
Michigan	Tuscola	26157	R	Trichloroethylene	0.00E+00	0.00E+00	1.22E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00	1.49E-03
Michigan	Tuscola	26157	R	Vinyl Chloride	0.00E+00	0.00E+00	7.03E-01	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-01	8.57E-04
Michigan	Van Buren	26159	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.70E+00	2.76E-03	9.83E+00	1.60E-02	1.20E+01	1.95E-02	2.35E+01	3.83E-02
Michigan	Van Buren	26159	U	Acrolein - Primary	0.00E+00	0.00E+00	2.17E+00	3.53E-03	1.68E+00	2.74E-03	1.94E+00	3.15E-03	5.79E+00	9.43E-03
Michigan	Van Buren	26159	U	Acrylonitrile	0.00E+00	0.00E+00	2.64E-01	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-01	4.30E-04
Michigan	Van Buren	26159	U	Arsenic Compounds	0.00E+00	0.00E+00	1.90E-03	3.10E-06	1.62E-04	2.63E-07	9.27E-07	1.51E-09	2.07E-03	3.37E-06
Michigan	Van Buren	26159	U	Benzene	0.00E+00	0.00E+00	7.33E+00	1.19E-02	6.16E+01	1.00E-01	4.85E+01	7.91E-02	1.17E+02	1.91E-01
Michigan	Van Buren	26159	U	Beryllium Compounds	0.00E+00	0.00E+00	5.48E-04	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	8.93E-07
Michigan	Van Buren	26159	U	1,3-Butadiene	0.00E+00	0.00E+00	1.67E+00	2.73E-03	7.68E+00	1.25E-02	4.52E+00	7.36E-03	1.39E+01	2.26E-02
Michigan	Van Buren	26159	U	Cadmium Compounds	0.00E+00	0.00E+00	1.14E-03	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	1.86E-06
Michigan	Van Buren	26159	U	Carbon Tetrachloride	0.00E+00	0.00E+00	2.18E-02	3.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02	3.55E-05
Michigan	Van Buren	26159	U	Chloroform	0.00E+00	0.00E+00	1.53E-01	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01	2.49E-04
Michigan	Van Buren	26159	U	Chromium Compounds	0.00E+00	0.00E+00	4.32E-01	7.04E-04	8.71E-03	1.42E-05	6.89E-03	1.12E-05	4.48E-01	7.30E-04
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
Michigan	Van Buren	26159	U	1,3-Dichloropropene	0.00E+00	0.00E+00	6.01E+00	9.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E+00	9.79E-03
Michigan	Van Buren	26159	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E+01	1.29E-01	5.79E+01	9.44E-02	1.37E+02	2.23E-01
Michigan	Van Buren	26159	U	Ethylene Dibromide	0.00E+00	0.00E+00	1.52E-04	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	2.48E-07
Michigan	Van Buren	26159	U	Ethylene Dichloride	0.00E+00	0.00E+00	3.16E-02	5.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-02	5.15E-05
Michigan	Van Buren	26159	U	Ethylene Oxide	2.85E-02	4.64E-05	5.54E-02	9.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-02	1.37E-04
Michigan	Van Buren	26159	U	Formaldehyde - Primary	0.00E+00	0.00E+00	1.10E+01	1.79E-02	2.90E+01	4.73E-02	2.38E+01	3.88E-02	6.38E+01	1.04E-01
Michigan	Van Buren	26159	U	Hexachlorobenzene	0.00E+00	0.00E+00	3.40E-05	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	5.55E-08
Michigan	Van Buren	26159	U	Hydrazine	0.00E+00	0.00E+00	4.57E-06	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	7.44E-09
Michigan	Van Buren	26159	U	Lead Compounds	0.00E+00	0.00E+00	1.98E-02	3.23E-05	1.23E-02	2.00E-05	0.00E+00	0.00E+00	3.21E-02	5.23E-05
Michigan	Van Buren	26159	U	Manganese Compounds	0.00E+00	0.00E+00	3.20E-03	5.22E-06	3.76E-03	6.12E-06	7.76E-03	1.26E-05	1.47E-02	2.40E-05
Michigan	Van Buren	26159	U	Mercury Compounds	0.00E+00	0.00E+00	4.99E-03	8.13E-06	1.23E-04	2.00E-07	1.86E-03	3.04E-06	6.98E-03	1.14E-05
Michigan	Van Buren	26159	U	Methylene Chloride	1.70E-02	2.77E-05	1.22E+01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+01	1.99E-02
Michigan	Van Buren	26159	U	Nickel Compounds	0.00E+00	0.00E+00	2.76E-01	4.50E-04	6.90E-03	1.12E-05	3.61E-03	5.88E-06	2.87E-01	4.68E-04
Michigan	Van Buren	26159	U	Perchloroethylene	0.00E+00	0.00E+00	6.27E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E+00	1.02E-02
Michigan	Van Buren	26159	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	6.05E+00	9.86E-03	6.04E-02	9.85E-05	2.35E-02	3.82E-05	6.14E+00	1.00E-02
Michigan	Van Buren	26159	U	7-PAH	0.00E+00	0.00E+00	1.47E-01	2.39E-04	2.68E-02	4.37E-05	1.20E-02	1.95E-05	1.86E-01	3.03E-04
Michigan	Van Buren	26159	U	Propylene Dichloride	0.00E+00	0.00E+00	1.58E-02	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	2.58E-05
Michigan	Van Buren	26159	U	Quinoline	0.00E+00	0.00E+00	1.09E-05	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	1.78E-08
Michigan	Van Buren	26159	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.42E-01	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-01	2.32E-04
Michigan	Van Buren	26159	U	Trichloroethylene	0.00E+00	0.00E+00	1.97E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00	3.21E-03
Michigan	Van Buren	26159	U	Vinyl Chloride	0.00E+00	0.00E+00	3.51E-01	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01	5.71E-04
Michigan	Washtenaw	26161	U	Acetaldehyde - Primary	0.00E+00	0.00E+00	1.82E+00	2.53E-03	3.46E+01	4.80E-02	4.40E+01	6.11E-02	8.04E+01	1.12E-01
Michigan	Washtenaw	26161	U	Acrolein - Primary	0.00E+00	0.00E+00	2.77E+00	3.85E-03	4.55E+00	6.31E-03	7.03E+00	9.77E-03	1.44E+01	1.99E-02
Michigan	Washtenaw	26161	U	Acrylonitrile	0.00E+00	0.00E+00	2.05E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-01	2.85E-04
Michigan	Washtenaw	26161	U	Arsenic Compounds	0.00E+00	0.00E+00	1.14E-02	1.58E-05	2.11E-04	2.93E-07	3.65E-06	5.06E-09	1.16E-02	1.61E-05
Michigan	Washtenaw	26161	U	Benzene	0.00E+00	0.00E+00	8.97E+00	1.25E-02	2.48E+02	3.44E-01	1.23E+02	1.71E-01	3.80E+02	5.28E-01
Michigan	Washtenaw	26161	U	Beryllium Compounds	0.00E+00	0.00E+00	2.92E-03	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	4.06E-06
Michigan	Washtenaw	26161	U	1,3-Butadiene	0.00E+00	0.00E+00	1.09E+00	1.51E-03	2.97E+01	4.13E-02	1.58E+01	2.19E-02	4.66E+01	6.47E-02
Michigan	Washtenaw	26161	U	Cadmium Compounds	0.00E+00	0.00E+00	6.99E-02	9.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-02	9.70E-05
Michigan	Washtenaw	26161	U	Carbon Tetrachloride	0.00E+00	0.00E+00	8.54E-02	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-02	1.19E-04
Michigan	Washtenaw	26161	U	Chloroform	0.00E+00	0.00E+00	6.33E-01	8.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-01	8.79E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Washtenaw	26161	U	Chromium Compounds	0.00E+00	0.00E+00	4.40E-01	6.12E-04	1.14E-02	1.58E-05	2.71E-02	3.76E-05	4.79E-01	6.65E-04
Michigan	Washtenaw	26161	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
Michigan	Washtenaw	26161	U	1,3-Dichloropropene	0.00E+00	0.00E+00	2.36E+01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+01	3.28E-02
Michigan	Washtenaw	26161	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+02	2.53E-01	3.52E+02	4.88E-01	5.34E+02	7.42E-01
Michigan	Washtenaw	26161	U	Ethylene Dibromide	0.00E+00	0.00E+00	1.33E-04	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	1.85E-07
Michigan	Washtenaw	26161	U	Ethylene Dichloride	0.00E+00	0.00E+00	2.49E-02	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02	3.46E-05
Michigan	Washtenaw	26161	U	Ethylene Oxide	0.00E+00	0.00E+00	1.14E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00	1.59E-03
Michigan	Washtenaw	26161	U	Formaldehyde - Primary	0.00E+00	0.00E+00	1.68E+01	2.34E-02	1.01E+02	1.40E-01	9.13E+01	1.27E-01	2.09E+02	2.90E-01
Michigan	Washtenaw	26161	U	Hexachlorobenzene	0.00E+00	0.00E+00	3.96E-05	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	5.50E-08
Michigan	Washtenaw	26161	U	Hydrazine	0.00E+00	0.00E+00	1.61E-05	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	2.24E-08
Michigan	Washtenaw	26161	U	Lead Compounds	0.00E+00	0.00E+00	4.13E-01	5.73E-04	1.60E-02	2.23E-05	0.00E+00	0.00E+00	4.29E-01	5.96E-04
Michigan	Washtenaw	26161	U	Manganese Compounds	0.00E+00	0.00E+00	2.01E-02	2.79E-05	4.91E-03	6.82E-06	3.05E-02	4.24E-05	5.55E-02	7.71E-05
Michigan	Washtenaw	26161	U	Mercury Compounds	0.00E+00	0.00E+00	1.52E-01	2.11E-04	1.60E-04	2.23E-07	7.33E-03	1.02E-05	1.59E-01	2.21E-04
Michigan	Washtenaw	26161	U	Methylene Chloride	0.00E+00	0.00E+00	6.54E+01	9.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+01	9.09E-02
Michigan	Washtenaw	26161	U	Nickel Compounds	0.00E+00	0.00E+00	2.36E-01	3.28E-04	9.01E-03	1.25E-05	1.42E-02	1.97E-05	2.59E-01	3.60E-04
Michigan	Washtenaw	26161	U	Perchloroethylene	0.00E+00	0.00E+00	3.27E+01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+01	4.54E-02
Michigan	Washtenaw	26161	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Washtenaw	26161	U	Polycyclic Organic Matter	0.00E+00	0.00E+00	2.33E+01	3.24E-02	7.89E-02	1.10E-04	4.97E-02	6.90E-05	2.35E+01	3.26E-02
Michigan	Washtenaw	26161	U	7-PAH	0.00E+00	0.00E+00	4.23E-01	5.87E-04	3.51E-02	4.87E-05	2.51E-02	3.48E-05	4.83E-01	6.70E-04
Michigan	Washtenaw	26161	U	Propylene Dichloride	0.00E+00	0.00E+00	1.24E-02	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	1.72E-05
Michigan	Washtenaw	26161	U	Quinoline	0.00E+00	0.00E+00	3.85E-05	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	5.35E-08
Michigan	Washtenaw	26161	U	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	1.02E-01	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	1.42E-04
Michigan	Washtenaw	26161	U	Trichloroethylene	2.76E+01	3.83E-02	8.88E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+01	5.06E-02
Michigan	Washtenaw	26161	U	Vinyl Chloride	0.00E+00	0.00E+00	2.62E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-01	3.63E-04
Michigan	Wayne	26163	U	Acetaldehyde - Primary	1.13E+00	1.92E-03	1.80E+00	3.07E-03	2.06E+02	3.51E-01	3.28E+02	5.60E-01	5.37E+02	9.16E-01
Michigan	Wayne	26163	U	Acrolein - Primary	5.10E-01	8.71E-04	1.26E+01	2.16E-02	3.33E+01	5.68E-02	6.64E+01	1.13E-01	1.13E+02	1.93E-01
Michigan	Wayne	26163	U	Acrylonitrile	3.89E+00	6.64E-03	7.54E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E+00	7.92E-03
Michigan	Wayne	26163	U	Arsenic Compounds	8.21E-01	1.40E-03	6.23E-02	1.06E-04	1.53E-03	2.60E-06	1.54E-02	2.62E-05	9.00E-01	1.54E-03
Michigan	Wayne	26163	U	Benzene	1.27E+02	2.16E-01	5.21E+01	8.90E-02	1.41E+03	2.41E+00	4.20E+02	7.16E-01	2.01E+03	3.43E+00
Michigan	Wayne	26163	U	Beryllium Compounds	4.21E-02	7.19E-05	1.77E-02	3.02E-05	0.00E+00	0.00E+00	1.53E-04	2.61E-07	6.00E-02	1.02E-04
Michigan	Wayne	26163	U	1,3-Butadiene	1.27E+00	2.16E-03	7.40E-01	1.26E-03	1.76E+02	3.00E-01	6.73E+01	1.15E-01	2.45E+02	4.18E-01
Michigan	Wayne	26163	U	Cadmium Compounds	2.65E-01	4.52E-04	3.89E-01	6.64E-04	0.00E+00	0.00E+00	2.15E-03	3.66E-06	6.56E-01	1.12E-03
Michigan	Wayne	26163	U	Carbon Tetrachloride	7.13E-03	1.22E-05	6.61E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-01	1.14E-03
Michigan	Wayne	26163	U	Chloroform	4.15E-02	7.08E-05	4.63E+00	7.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E+00	7.98E-03
Michigan	Wayne	26163	U	Chromium Compounds	1.43E+00	2.43E-03	3.77E+00	6.42E-03	8.22E-02	1.40E-04	2.75E-01	4.69E-04	5.55E+00	9.47E-03
Michigan	Wayne	26163	U	Coke Oven Emissions	4.03E+01	6.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E+01	6.88E-02
Michigan	Wayne	26163	U	1,3-Dichloropropene	0.00E+00	0.00E+00	1.71E+02	2.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+02	2.91E-01
Michigan	Wayne	26163	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E+02	1.59E+00	1.14E+03	1.94E+00	2.07E+03	3.53E+00
Michigan	Wayne	26163	U	Ethylene Dibromide	2.18E-03	3.71E-06	8.79E-04	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	5.21E-06
Michigan	Wayne	26163	U	Ethylene Dichloride	5.40E-01	9.22E-04	8.73E-02	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-01	1.07E-03
Michigan	Wayne	26163	U	Ethylene Oxide	3.13E+00	5.34E-03	3.60E+00	6.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E+00	1.15E-02
Michigan	Wayne	26163	U	Formaldehyde - Primary	1.61E+01	2.75E-02	2.34E+01	4.00E-02	6.06E+02	1.03E+00	7.24E+02	1.24E+00	1.37E+03	2.34E+00
Michigan	Wayne	26163	U	Hexachlorobenzene	0.00E+00	0.00E+00	1.18E-05	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	2.02E-08
Michigan	Wayne	26163	U	Hydrazine	0.00E+00	0.00E+00	3.10E-04	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	5.28E-07
Michigan	Wayne	26163	U	Lead Compounds	2.02E+00	3.45E-03	1.34E+00	2.28E-03	1.16E-01	1.98E-04	1.09E+01	1.87E-02	1.44E+01	2.46E-02
Michigan	Wayne	26163	U	Manganese Compounds	7.33E+00	1.25E-02	1.63E+00	2.78E-03	3.55E-02	6.05E-05	2.83E-01	4.83E-04	9.27E+00	1.58E-02
Michigan	Wayne	26163	U	Mercury Compounds	8.83E-01	1.51E-03	5.79E-01	9.89E-04	1.16E-03	1.98E-06	5.36E-02	9.14E-05	1.52E+00	2.59E-03
Michigan	Wayne	26163	U	Methylene Chloride	1.46E+01	2.49E-02	4.19E+02	7.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+02	7.40E-01

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
Michigan	Wayne	26163	U	Nickel Compounds	4.15E+00	7.08E-03	4.31E+00	7.36E-03	6.51E-02	1.11E-04	7.12E-01	1.21E-03	9.24E+00	1.58E-02
Michigan	Wayne	26163	U	Perchloroethylene	1.56E+01	2.67E-02	2.56E+02	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02	4.63E-01
Michigan	Wayne	26163	U	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Wayne	26163	U	Polycyclic Organic Matter	1.10E+02	1.88E-01	1.68E+02	2.86E-01	5.71E-01	9.73E-04	2.78E-01	4.74E-04	2.79E+02	4.75E-01
Michigan	Wayne	26163	U	7-PAH	1.46E-02	2.49E-05	2.95E+00	5.03E-03	2.53E-01	4.32E-04	7.56E-02	1.29E-04	3.29E+00	5.61E-03
Michigan	Wayne	26163	U	Propylene Dichloride	2.36E-01	4.02E-04	4.45E-02	7.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-01	4.78E-04
Michigan	Wayne	26163	U	Quinoline	3.76E+00	6.41E-03	7.39E-04	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+00	6.41E-03
Michigan	Wayne	26163	U	1,1,2,2-Tetrachloroethane	2.16E+00	3.68E-03	2.91E-01	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+00	4.18E-03
Michigan	Wayne	26163	U	Trichloroethylene	4.29E+00	7.32E-03	6.63E+01	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E+01	1.20E-01
Michigan	Wayne	26163	U	Vinyl Chloride	5.31E+00	9.06E-03	2.29E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E+00	1.30E-02
Michigan	Wexford	26165	R	Acetaldehyde - Primary	0.00E+00	0.00E+00	4.11E+00	7.24E-03	2.67E+00	4.70E-03	3.77E+00	6.64E-03	1.06E+01	1.86E-02
Michigan	Wexford	26165	R	Acrolein - Primary	0.00E+00	0.00E+00	4.41E+00	7.76E-03	5.40E-01	9.50E-04	5.95E-01	1.05E-03	5.54E+00	9.76E-03
Michigan	Wexford	26165	R	Acrylonitrile	0.00E+00	0.00E+00	5.59E-02	9.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02	9.85E-05
Michigan	Wexford	26165	R	Arsenic Compounds	0.00E+00	0.00E+00	1.75E-03	3.08E-06	6.17E-05	1.09E-07	3.54E-07	6.23E-10	1.81E-03	3.19E-06
Michigan	Wexford	26165	R	Benzene	0.00E+00	0.00E+00	1.17E+01	2.05E-02	1.68E+01	2.96E-02	4.72E+00	8.31E-03	3.32E+01	5.84E-02
Michigan	Wexford	26165	R	Beryllium Compounds	0.00E+00	0.00E+00	2.69E-04	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	4.73E-07
Michigan	Wexford	26165	R	1,3-Butadiene	0.00E+00	0.00E+00	4.06E+00	7.14E-03	2.09E+00	3.68E-03	5.91E-01	1.04E-03	6.74E+00	1.19E-02
Michigan	Wexford	26165	R	Cadmium Compounds	0.00E+00	0.00E+00	1.21E-03	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	2.13E-06
Michigan	Wexford	26165	R	Carbon Tetrachloride	0.00E+00	0.00E+00	8.88E-03	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-03	1.56E-05
Michigan	Wexford	26165	R	Chloroform	0.00E+00	0.00E+00	5.06E-02	8.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-02	8.90E-05
Michigan	Wexford	26165	R	Chromium Compounds	0.00E+00	0.00E+00	1.29E-02	2.27E-05	3.32E-03	5.85E-06	2.63E-03	4.63E-06	1.89E-02	3.32E-05
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
Michigan	Wexford	26165	R	1,3-Dichloropropene	0.00E+00	0.00E+00	2.29E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00	4.03E-03
Michigan	Wexford	26165	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+01	3.75E-02	3.17E+01	5.58E-02	5.30E+01	9.33E-02
Michigan	Wexford	26165	R	Ethylene Dibromide	0.00E+00	0.00E+00	2.97E-05	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	5.23E-08
Michigan	Wexford	26165	R	Ethylene Dichloride	0.00E+00	0.00E+00	6.49E-03	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-03	1.14E-05
Michigan	Wexford	26165	R	Ethylene Oxide	0.00E+00	0.00E+00	5.27E-02	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-02	9.27E-05
Michigan	Wexford	26165	R	Formaldehyde - Primary	0.00E+00	0.00E+00	2.61E+01	4.59E-02	7.88E+00	1.39E-02	7.71E+00	1.36E-02	4.17E+01	7.34E-02
Michigan	Wexford	26165	R	Hexachlorobenzene	0.00E+00	0.00E+00	4.26E-06	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-06	7.49E-09
Michigan	Wexford	26165	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
Michigan	Wexford	26165	R	Lead Compounds	0.00E+00	0.00E+00	1.71E-02	3.02E-05	4.69E-03	8.26E-06	0.00E+00	0.00E+00	2.18E-02	3.84E-05
Michigan	Wexford	26165	R	Manganese Compounds	0.00E+00	0.00E+00	2.97E-03	5.22E-06	1.43E-03	2.53E-06	2.96E-03	5.21E-06	7.36E-03	1.30E-05
Michigan	Wexford	26165	R	Mercury Compounds	0.00E+00	0.00E+00	7.43E-03	1.31E-05	4.69E-05	8.26E-08	7.11E-04	1.25E-06	8.19E-03	1.44E-05
Michigan	Wexford	26165	R	Methylene Chloride	0.00E+00	0.00E+00	4.52E+00	7.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E+00	7.96E-03
Michigan	Wexford	26165	R	Nickel Compounds	0.00E+00	0.00E+00	1.51E-02	2.66E-05	2.64E-03	4.64E-06	1.38E-03	2.43E-06	1.91E-02	3.36E-05
Michigan	Wexford	26165	R	Perchloroethylene	0.00E+00	0.00E+00	3.02E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+00	5.31E-03
Michigan	Wexford	26165	R	Polychlorinated Biphenyls	0.00E+00	0.00E+00	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	Polycyclic Organic Matter	0.00E+00	0.00E+00	8.32E+00	1.46E-02	2.31E-02	4.06E-05	1.65E-03	2.90E-06	8.34E+00	1.47E-02
Michigan	Wexford	26165	R	7-PAH	0.00E+00	0.00E+00	3.25E-01	5.71E-04	1.02E-02	1.80E-05	7.84E-04	1.38E-06	3.36E-01	5.91E-04
Michigan	Wexford	26165	R	Propylene Dichloride	0.00E+00	0.00E+00	3.30E-03	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	5.81E-06
Michigan	Wexford	26165	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
Michigan	Wexford	26165	R	1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	2.95E-02	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-02	5.19E-05
Michigan	Wexford	26165	R	Trichloroethylene	6.50E+00	1.14E-02	7.48E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E+00	1.28E-02
Michigan	Wexford	26165	R	Vinyl Chloride	0.00E+00	0.00E+00	7.25E-02	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02	1.28E-04
National	Nationwide	N/A	N/A	Acetaldehyde - Primary	8.81E+03	2.95E-03	1.66E+04	5.57E-03	2.88E+04	9.66E-03	4.08E+04	1.37E-02	9.50E+04	3.19E-02
National	Nationwide	N/A	N/A	Acrolein - Primary	2.31E+02	7.76E-05	1.64E+04	5.52E-03	5.00E+03	1.68E-03	7.34E+03	2.46E-03	2.90E+04	9.73E-03
National	Nationwide	N/A	N/A	Acrylonitrile	1.05E+03	3.53E-04	2.58E+02	8.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+03	4.40E-04
National	Nationwide	N/A	N/A	Arsenic Compounds	2.78E+02	9.32E-05	7.47E+01	2.50E-05	2.51E-01	8.42E-08	1.92E+00	6.43E-07	3.55E+02	1.19E-04

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
National	Nationwide	N/A	N/A	Benzene	1.40E+04	4.69E-03	5.99E+04	2.01E-02	1.69E+05	5.67E-02	9.36E+04	3.14E-02	3.37E+05	1.13E-01
National	Nationwide	N/A	N/A	Beryllium Compounds	3.25E+01	1.09E-05	7.30E+00	2.45E-06	0.00E+00	0.00E+00	1.90E-02	6.39E-09	3.98E+01	1.34E-05
National	Nationwide	N/A	N/A	1,3-Butadiene	2.63E+03	8.81E-04	1.63E+04	5.46E-03	2.36E+04	7.91E-03	9.46E+03	3.17E-03	5.20E+04	1.74E-02
National	Nationwide	N/A	N/A	Cadmium Compounds	6.92E+01	2.32E-05	8.76E+01	2.94E-05	0.00E+00	0.00E+00	2.67E-01	8.94E-08	1.57E+02	5.27E-05
National	Nationwide	N/A	N/A	Carbon Tetrachloride	3.81E+02	1.28E-04	1.04E+02	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E+02	1.63E-04
National	Nationwide	N/A	N/A	Chloroform	2.69E+03	9.01E-04	6.24E+02	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E+03	1.11E-03
National	Nationwide	N/A	N/A	Chromium Compounds	5.56E+02	1.87E-04	4.32E+02	1.45E-04	1.35E+01	4.54E-06	3.44E+01	1.15E-05	1.04E+03	3.48E-04
National	Nationwide	N/A	N/A	Coke Oven Emissions	1.18E+03	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+03	3.97E-04
National	Nationwide	N/A	N/A	1,3-Dichloropropene	3.58E+00	1.20E-06	2.14E+04	7.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+04	7.16E-03
National	Nationwide	N/A	N/A	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+05	6.12E-02	3.41E+05	1.14E-01	5.24E+05	1.76E-01
National	Nationwide	N/A	N/A	Ethylene Dibromide	6.16E+00	2.07E-06	4.29E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+01	3.50E-06
National	Nationwide	N/A	N/A	Ethylene Dichloride	7.27E+02	2.44E-04	8.69E+01	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E+02	2.73E-04
National	Nationwide	N/A	N/A	Ethylene Oxide	2.71E+02	9.10E-05	6.38E+02	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E+02	3.05E-04
National	Nationwide	N/A	N/A	Formaldehyde - Primary	1.62E+04	5.44E-03	1.16E+05	3.88E-02	8.34E+04	2.80E-02	8.64E+04	2.90E-02	3.02E+05	1.01E-01
National	Nationwide	N/A	N/A	Hexachlorobenzene	1.19E-01	4.00E-08	1.87E-01	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-01	1.03E-07
National	Nationwide	N/A	N/A	Hydrazine	4.30E+00	1.44E-06	2.81E+00	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E+00	2.39E-06
National	Nationwide	N/A	N/A	Lead Compounds	1.32E+03	4.42E-04	7.49E+02	2.51E-04	1.91E+01	6.41E-06	5.27E+02	1.77E-04	2.61E+03	8.76E-04
National	Nationwide	N/A	N/A	Manganese Compounds	1.56E+03	5.24E-04	9.35E+02	3.13E-04	5.84E+00	1.96E-06	3.54E+01	1.19E-05	2.54E+03	8.51E-04
National	Nationwide	N/A	N/A	Mercury Compounds	9.16E+01	3.07E-05	8.88E+01	2.98E-05	1.91E-01	6.41E-08	6.70E+00	2.25E-06	1.87E+02	6.28E-05
National	Nationwide	N/A	N/A	Methylene Chloride	3.31E+04	1.11E-02	5.28E+04	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E+04	2.88E-02
National	Nationwide	N/A	N/A	Nickel Compounds	5.76E+02	1.93E-04	4.98E+02	1.67E-04	1.07E+01	3.60E-06	8.87E+01	2.97E-05	1.17E+03	3.94E-04
National	Nationwide	N/A	N/A	Perchloroethylene	6.86E+03	2.30E-03	3.73E+04	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E+04	1.48E-02
National	Nationwide	N/A	N/A	Polychlorinated Biphenyls	5.13E-02	1.72E-08	1.64E-01	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-01	7.21E-08
National	Nationwide	N/A	N/A	Polycyclic Organic Matter	4.44E+03	1.49E-03	2.10E+04	7.03E-03	9.12E+01	3.06E-05	4.13E+01	1.39E-05	2.55E+04	8.57E-03
National	Nationwide	N/A	N/A	7-PAH	1.01E+02	3.39E-05	1.24E+03	4.15E-04	4.19E+01	1.41E-05	1.74E+01	5.85E-06	1.40E+03	4.69E-04
National	Nationwide	N/A	N/A	Propylene Dichloride	9.94E+01	3.33E-05	1.50E+01	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+02	3.84E-05
National	Nationwide	N/A	N/A	Quinoline	1.04E+01	3.49E-06	4.42E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+01	4.97E-06
National	Nationwide	N/A	N/A	1,1,2,2-Tetrachloroethane	1.79E+02	5.99E-05	1.16E+02	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+02	9.88E-05
National	Nationwide	N/A	N/A	Trichloroethylene	1.09E+04	3.66E-03	1.51E+04	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+04	8.74E-03
National	Nationwide	N/A	N/A	Vinyl Chloride	1.26E+03	4.24E-04	3.83E+02	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+03	5.52E-04
National	All Urban Counties	N/A	U	Acetaldehyde - Primary	4.42E+03	3.87E-03	5.89E+03	5.15E-03	2.14E+04	1.87E-02	3.29E+04	2.88E-02	6.46E+04	5.65E-02
National	All Urban Counties	N/A	U	Acrolein - Primary	1.37E+02	1.20E-04	6.16E+03	5.39E-03	3.92E+03	3.43E-03	5.99E+03	5.24E-03	1.62E+04	1.42E-02
National	All Urban Counties	N/A	U	Acrylonitrile	9.85E+02	8.62E-04	1.84E+02	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+03	1.02E-03
National	All Urban Counties	N/A	U	Arsenic Compounds	1.69E+02	1.48E-04	4.83E+01	4.22E-05	1.69E-01	1.48E-07	1.61E+00	1.41E-06	2.19E+02	1.92E-04
National	All Urban Counties	N/A	U	Benzene	1.14E+04	1.00E-02	2.61E+04	2.28E-02	1.28E+05	1.12E-01	6.24E+04	5.46E-02	2.28E+05	1.99E-01
National	All Urban Counties	N/A	U	Beryllium Compounds	5.49E+00	4.80E-06	5.58E+00	4.88E-06	0.00E+00	0.00E+00	1.60E-02	1.40E-08	1.11E+01	9.69E-06
National	All Urban Counties	N/A	U	1,3-Butadiene	2.41E+03	2.11E-03	6.08E+03	5.32E-03	1.76E+04	1.54E-02	6.48E+03	5.67E-03	3.25E+04	2.85E-02
National	All Urban Counties	N/A	U	Cadmium Compounds	4.14E+01	3.62E-05	5.71E+01	5.00E-05	0.00E+00	0.00E+00	2.24E-01	1.96E-07	9.88E+01	8.64E-05
National	All Urban Counties	N/A	U	Carbon Tetrachloride	2.79E+02	2.44E-04	8.57E+01	7.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E+02	3.19E-04
National	All Urban Counties	N/A	U	Chloroform	1.88E+03	1.65E-03	5.09E+02	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+03	2.09E-03
National	All Urban Counties	N/A	U	Chromium Compounds	2.91E+02	2.55E-04	3.47E+02	3.03E-04	9.13E+00	7.99E-06	2.84E+01	2.49E-05	6.76E+02	5.91E-04
National	All Urban Counties	N/A	U	Coke Oven Emissions	1.09E+03	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+03	9.53E-04
National	All Urban Counties	N/A	U	1,3-Dichloropropene	3.58E+00	3.13E-06	1.75E+04	1.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+04	1.53E-02
National	All Urban Counties	N/A	U	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+05	1.13E-01	2.54E+05	2.23E-01	3.83E+05	3.35E-01
National	All Urban Counties	N/A	U	Ethylene Dibromide	5.59E+00	4.89E-06	4.11E+00	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E+00	8.49E-06
National	All Urban Counties	N/A	U	Ethylene Dichloride	6.33E+02	5.54E-04	7.08E+01	6.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E+02	6.16E-04
National	All Urban Counties	N/A	U	Ethylene Oxide	2.27E+02	1.99E-04	5.62E+02	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E+02	6.91E-04
National	All Urban Counties	N/A	U	Formaldehyde - Primary	8.61E+03	7.54E-03	4.27E+04	3.74E-02	6.20E+04	5.43E-02	7.05E+04	6.17E-02	1.84E+05	1.61E-01

1996 Emissions for Michigan

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata/natsalim2.html>

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
National	All Urban Counties	N/A	U	Hexachlorobenzene	9.03E-02	7.90E-08	1.21E-01	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01	1.85E-07
National	All Urban Counties	N/A	U	Hydrazine	3.83E+00	3.35E-06	2.19E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E+00	5.27E-06
National	All Urban Counties	N/A	U	Lead Compounds	5.54E+02	4.85E-04	5.63E+02	4.92E-04	1.29E+01	1.13E-05	4.99E+02	4.37E-04	1.63E+03	1.43E-03
National	All Urban Counties	N/A	U	Manganese Compounds	7.63E+02	6.68E-04	5.59E+02	4.89E-04	3.94E+00	3.45E-06	2.92E+01	2.55E-05	1.36E+03	1.19E-03
National	All Urban Counties	N/A	U	Mercury Compounds	6.19E+01	5.42E-05	6.60E+01	5.77E-05	1.29E-01	1.13E-07	5.49E+00	4.81E-06	1.34E+02	1.17E-04
National	All Urban Counties	N/A	U	Methylene Chloride	2.59E+04	2.27E-02	4.36E+04	3.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E+04	6.08E-02
National	All Urban Counties	N/A	U	Nickel Compounds	3.02E+02	2.65E-04	3.88E+02	3.39E-04	7.23E+00	6.33E-06	7.42E+01	6.49E-05	7.72E+02	6.75E-04
National	All Urban Counties	N/A	U	Perchloroethylene	4.67E+03	4.09E-03	3.26E+04	2.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E+04	3.26E-02
National	All Urban Counties	N/A	U	Polychlorinated Biphenyls	2.94E-02	2.58E-08	1.61E-01	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-01	1.67E-07
National	All Urban Counties	N/A	U	Polycyclic Organic Matter	2.66E+03	2.32E-03	1.46E+04	1.28E-02	6.14E+01	5.37E-05	2.54E+01	2.22E-05	1.74E+04	1.52E-02
National	All Urban Counties	N/A	U	7-PAH	9.43E+01	8.26E-05	7.12E+02	6.23E-04	2.75E+01	2.41E-05	9.49E+00	8.31E-06	8.44E+02	7.38E-04
National	All Urban Counties	N/A	U	Propylene Dichloride	9.46E+01	8.28E-05	1.05E+01	9.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+02	9.20E-05
National	All Urban Counties	N/A	U	Quinoline	9.80E+00	8.57E-06	4.24E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+01	1.23E-05
National	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	1.72E+02	1.51E-04	7.79E+01	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E+02	2.19E-04
National	All Urban Counties	N/A	U	Trichloroethylene	7.96E+03	6.96E-03	1.28E+04	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+04	1.82E-02
National	All Urban Counties	N/A	U	Vinyl Chloride	1.19E+03	1.04E-03	2.76E+02	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+03	1.28E-03
National	All Rural Counties	N/A	R	Acetaldehyde - Primary	4.39E+03	2.39E-03	1.07E+04	5.83E-03	7.39E+03	4.02E-03	7.87E+03	4.28E-03	3.04E+04	1.65E-02
National	All Rural Counties	N/A	R	Acrolein - Primary	9.45E+01	5.14E-05	1.03E+04	5.60E-03	1.08E+03	5.85E-04	1.35E+03	7.34E-04	1.28E+04	6.97E-03
National	All Rural Counties	N/A	R	Acrylonitrile	6.89E+01	3.75E-05	7.42E+01	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+02	7.79E-05
National	All Rural Counties	N/A	R	Arsenic Compounds	1.09E+02	5.91E-05	2.64E+01	1.44E-05	8.22E-02	4.47E-08	3.08E-01	1.67E-07	1.35E+02	7.36E-05
National	All Rural Counties	N/A	R	Benzene	2.53E+03	1.38E-03	3.38E+04	1.84E-02	4.13E+04	2.25E-02	3.12E+04	1.70E-02	1.09E+05	5.92E-02
National	All Rural Counties	N/A	R	Beryllium Compounds	2.70E+01	1.47E-05	1.73E+00	9.40E-07	0.00E+00	0.00E+00	3.05E-03	1.66E-09	2.87E+01	1.56E-05
National	All Rural Counties	N/A	R	1,3-Butadiene	2.14E+02	1.17E-04	1.02E+04	5.55E-03	6.03E+03	3.28E-03	2.98E+03	1.62E-03	1.94E+04	1.06E-02
National	All Rural Counties	N/A	R	Cadmium Compounds	2.78E+01	1.51E-05	3.05E+01	1.66E-05	0.00E+00	0.00E+00	4.27E-02	2.32E-08	5.83E+01	3.17E-05
National	All Rural Counties	N/A	R	Carbon Tetrachloride	1.02E+02	5.55E-05	1.88E+01	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+02	6.57E-05
National	All Rural Counties	N/A	R	Chloroform	8.04E+02	4.37E-04	1.15E+02	6.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E+02	5.00E-04
National	All Rural Counties	N/A	R	Chromium Compounds	2.65E+02	1.44E-04	8.58E+01	4.67E-05	4.41E+00	2.40E-06	6.01E+00	3.27E-06	3.61E+02	1.96E-04
National	All Rural Counties	N/A	R	Coke Oven Emissions	9.52E+01	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E+01	5.18E-05
National	All Rural Counties	N/A	R	1,3-Dichloropropene	0.00E+00	0.00E+00	3.84E+03	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+03	2.09E-03
National	All Rural Counties	N/A	R	Diesel Particulate Matter	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E+04	2.91E-02	8.69E+04	4.72E-02	1.40E+05	7.63E-02
National	All Rural Counties	N/A	R	Ethylene Dibromide	5.70E-01	3.10E-07	1.82E-01	9.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-01	4.09E-07
National	All Rural Counties	N/A	R	Ethylene Dichloride	9.41E+01	5.12E-05	1.61E+01	8.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	6.00E-05
National	All Rural Counties	N/A	R	Ethylene Oxide	4.43E+01	2.41E-05	7.56E+01	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+02	6.52E-05
National	All Rural Counties	N/A	R	Formaldehyde - Primary	7.60E+03	4.13E-03	7.31E+04	3.97E-02	2.14E+04	1.16E-02	1.58E+04	8.61E-03	1.18E+05	6.41E-02
National	All Rural Counties	N/A	R	Hexachlorobenzene	2.90E-02	1.58E-08	6.60E-02	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-02	5.17E-08
National	All Rural Counties	N/A	R	Hydrazine	4.70E-01	2.55E-07	6.21E-01	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00	5.93E-07
National	All Rural Counties	N/A	R	Lead Compounds	7.63E+02	4.15E-04	1.86E+02	1.01E-04	6.24E+00	3.40E-06	2.83E+01	1.54E-05	9.84E+02	5.35E-04
National	All Rural Counties	N/A	R	Manganese Compounds	7.99E+02	4.35E-04	3.76E+02	2.04E-04	1.91E+00	1.04E-06	6.23E+00	3.39E-06	1.18E+03	6.44E-04
National	All Rural Counties	N/A	R	Mercury Compounds	2.97E+01	1.61E-05	2.28E+01	1.24E-05	6.24E-02	3.39E-08	1.21E+00	6.57E-07	5.37E+01	2.92E-05
National	All Rural Counties	N/A	R	Methylene Chloride	7.19E+03	3.91E-03	9.19E+03	5.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+04	8.91E-03
National	All Rural Counties	N/A	R	Nickel Compounds	2.73E+02	1.49E-04	1.11E+02	6.02E-05	3.50E+00	1.90E-06	1.45E+01	7.87E-06	4.02E+02	2.19E-04
National	All Rural Counties	N/A	R	Perchloroethylene	2.19E+03	1.19E-03	4.71E+03	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E+03	3.75E-03
National	All Rural Counties	N/A	R	Polychlorinated Biphenyls	2.19E-02	1.19E-08	2.39E-03	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-02	1.32E-08
National	All Rural Counties	N/A	R	Polycyclic Organic Matter	1.78E+03	9.70E-04	6.32E+03	3.44E-03	2.97E+01	1.62E-05	1.60E+01	8.68E-06	8.15E+03	4.43E-03
National	All Rural Counties	N/A	R	7-PAH	6.61E+00	3.60E-06	5.26E+02	2.86E-04	1.44E+01	7.83E-06	7.94E+00	4.32E-06	5.55E+02	3.02E-04
National	All Rural Counties	N/A	R	Propylene Dichloride	4.78E+00	2.60E-06	4.44E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E+00	5.01E-06
National	All Rural Counties	N/A	R	Quinoline	6.10E-01	3.32E-07	1.82E-01	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-01	4.31E-07
National	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	6.52E+00	3.55E-06	3.80E+01	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E+01	2.42E-05

1996 Emissions for Michigan

[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)

State	County	FIPS	Urban or Rural	Pollutant	Major		Area and Other		Onroad Mobile		Nonroad Mobile		Total	
					Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)	Emissions (tons/yr)	Emissions Density (tons/yr/sq. mile)
National	All Rural Counties	N/A	R	Trichloroethylene	2.94E+03	1.60E-03	2.32E+03	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E+03	2.86E-03
National	All Rural Counties	N/A	R	Vinyl Chloride	7.49E+01	4.08E-05	1.06E+02	5.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+02	9.86E-05