
Appendix B – Air Quality

Attainment Status for the National Ambient Air Quality Standards

The National Ambient Air Quality Standards (NAAQS) are health-based pollution standards set by EPA.

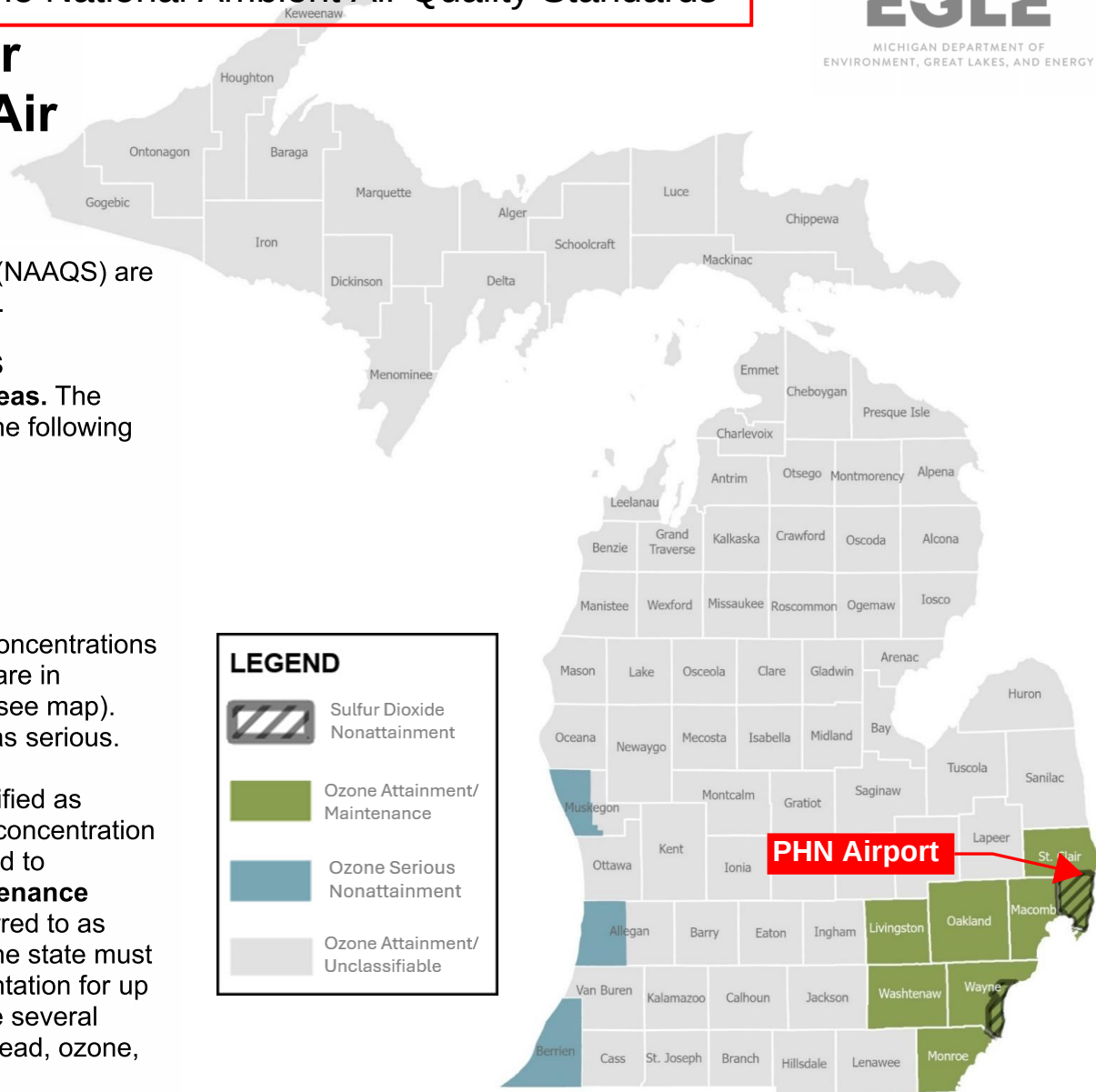
Areas of the state that are below the NAAQS concentration level are called **attainment areas**. The entire state of Michigan is in attainment for the following pollutants:

- Carbon Monoxide (CO)
- Lead (Pb)
- Nitrogen Dioxide (NO₂)
- Particulate Matter (PM₁₀ & PM_{2.5})

Nonattainment areas are those that have concentrations over the NAAQS level. Portions of the state are in nonattainment for sulfur dioxide and ozone (see map). The ozone nonattainment area is classified as serious.

Areas of the state that were previously classified as nonattainment but have since reduced their concentration levels below the NAAQS can be redesignated to attainment and are called **attainment/maintenance areas**. These areas are also commonly referred to as “attainment” after reclassification, however the state must continue monitoring and submitting documentation for up to 20 years after the redesignated. There are several maintenance areas throughout the state for lead, ozone, and particulate matter.

**For readability purposes the map only includes the most recently reclassified ozone maintenance area in southeast Michigan. For more information, please consult the Michigan.gov/AIR webpage or contact the division directly.*



**See Page 2 for close-up maps of partial county nonattainment areas.*

Close-Up Maps of Partial County Nonattainment Areas

Sulfur Dioxide Nonattainment Areas

St. Clair County

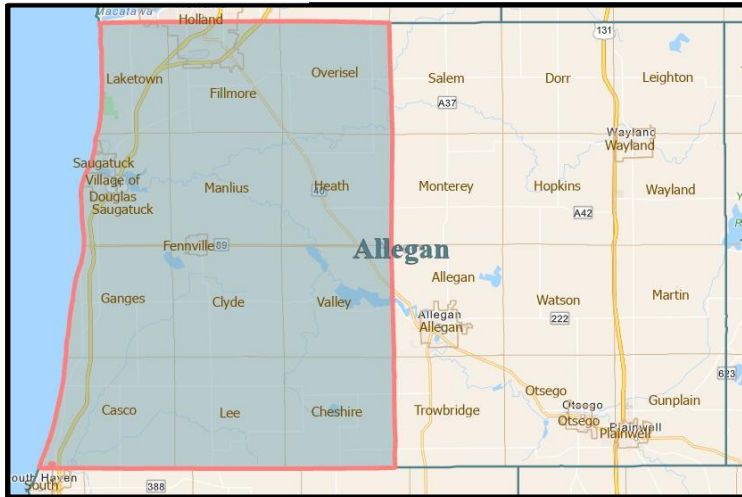


Wayne County

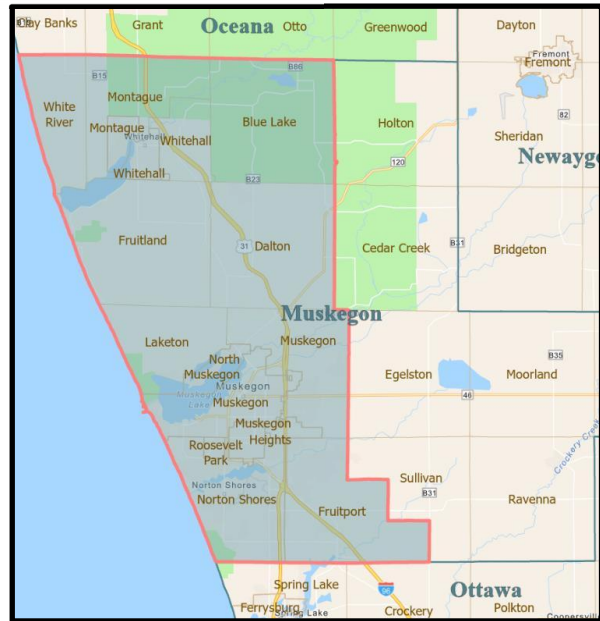


Ozone Serious Nonattainment Areas

Allegan County



Muskegon County



EGLE

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Updated January 2025



USEPA Green Book National Area and County-Level Multi-Pollutant Information

You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Michigan Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Michigan Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of February 28, 2025

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

MICHIGAN

Important Notes

Download National Dataset: [dbf](#) | [xls](#) | [Data dictionary \(PDF\)](#)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
MICHIGAN								
Allegan County	1-Hour Ozone (1979)-NAAQS revoked	Allegan County, MI	929394959697989900	01/16/2001	Incomplete Data	Whole	111,408	26/005
Allegan County	8-Hour Ozone (1997)-NAAQS revoked	Allegan County, MI	040506070809	09/24/2010	Former Subpart 1	Whole	111,408	26/005
Allegan County	8-Hour Ozone (2015)	Allegan County, MI	1819202122232425	//	Serious	Part	46,615	26/005
Bay County	1-Hour Ozone (1979)-NAAQS revoked	Saginaw-Bay City-Midland, MI	929394959697989900	01/16/2001	Incomplete Data	Whole	107,771	26/017
Benzie County	8-Hour Ozone (1997)-NAAQS revoked	Benzie County, MI	040506	05/16/2007	Former Subpart 1	Whole	17,525	26/019
Berrien County	8-Hour Ozone (1997)-NAAQS revoked	Benton Harbor, MI	040506	05/16/2007	Former Subpart 1	Whole	156,813	26/021

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Berrien County	8-Hour Ozone (2015)	Berrien County, MI	1819202122232425	//	Serious	Whole	156,813	26/021
Calhoun County	8-Hour Ozone (1997)-NAAQS revoked	Kalamazoo-Battle Creek, MI	040506	05/16/2007	Former Subpart 1	Whole	136,146	26/025
Cass County	8-Hour Ozone (1997)-NAAQS revoked	Cass County, MI	040506	05/16/2007	Marginal	Whole	52,293	26/027
Clinton County	8-Hour Ozone (1997)-NAAQS revoked	Lansing-East Lansing, MI	040506	05/16/2007	Former Subpart 1	Whole	75,382	26/037
Eaton County	8-Hour Ozone (1997)-NAAQS revoked	Lansing-East Lansing, MI	040506	05/16/2007	Former Subpart 1	Whole	107,759	26/045
Genesee County	1-Hour Ozone (1979)-NAAQS revoked	Flint, MI	929394959697989900	01/16/2001	Section 185A	Whole	425,790	26/049
Genesee County	8-Hour Ozone (1997)-NAAQS revoked	Flint, MI	040506	05/16/2007	Former Subpart 1	Whole	425,790	26/049
Huron County	8-Hour Ozone (1997)-NAAQS revoked	Huron County, MI	040506	05/16/2007	Former Subpart 1	Whole	33,118	26/063
Ingham County	8-Hour Ozone (1997)-NAAQS revoked	Lansing-East Lansing, MI	040506	05/16/2007	Former Subpart 1	Whole	280,895	26/065
Ionia County	Lead (2008)	Belding, MI	111213141516	07/31/2017		Part	1,890	26/067
Kalamazoo County	8-Hour Ozone (1997)-NAAQS revoked	Kalamazoo-Battle Creek, MI	040506	05/16/2007	Former Subpart 1	Whole	250,331	26/077

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Kent County	1-Hour Ozone (1979)-NAAQS revoked	Grand Rapids, MI	92939495	06/21/1996	Moderate	Whole	602,622	26/081
Kent County	8-Hour Ozone (1997)-NAAQS revoked	Grand Rapids, MI	040506	05/16/2007	Former Subpart 1	Whole	602,622	26/081
Lapeer County	8-Hour Ozone (1997)-NAAQS revoked	Flint, MI	040506	05/16/2007	Former Subpart 1	Whole	88,319	26/087
Lenawee County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	99,892	26/091
Livingston County	1-Hour Ozone (1979)-NAAQS revoked	Detroit-Ann Arbor, MI	929394	04/06/1995	Moderate	Whole	180,967	26/093
Livingston County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	180,967	26/093
Livingston County	8-Hour Ozone (2015)	Detroit, MI	1819202122	05/19/2023	Moderate	Whole	180,967	26/093
Livingston County	PM-2.5 (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0506070809101112	08/29/2013 *	Former Subpart 1	Whole	180,967	26/093
Livingston County	PM-2.5 (2006)	Detroit-Ann Arbor, MI	09101112	08/29/2013	Former Subpart 1	Whole	180,967	26/093
Macomb County	1-Hour Ozone (1979)-NAAQS revoked	Detroit-Ann Arbor, MI	929394	04/06/1995	Moderate	Whole	840,978	26/099
Macomb County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	840,978	26/099

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Macomb County	8-Hour Ozone (2015)	Detroit, MI	1819202122	05/19/2023	Moderate	Whole	840,978	26/099
Macomb County	Carbon Monoxide (1971)	Detroit, MI	92939495969798	08/30/1999	Not Classified	Part	295,428	26/099
Macomb County	PM-2.5 (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0506070809101112	08/29/2013 *	Former Subpart 1	Whole	840,978	26/099
Macomb County	PM-2.5 (2006)	Detroit-Ann Arbor, MI	09101112	08/29/2013	Former Subpart 1	Whole	840,978	26/099
Mason County	8-Hour Ozone (1997)-NAAQS revoked	Mason County, MI	040506	05/16/2007	Former Subpart 1	Whole	28,705	26/105
Midland County	1-Hour Ozone (1979)-NAAQS revoked	Saginaw-Bay City-Midland, MI	929394959697989900	01/16/2001	Incomplete Data	Whole	83,629	26/111
Monroe County	1-Hour Ozone (1979)-NAAQS revoked	Detroit-Ann Arbor, MI	929394	04/06/1995	Moderate	Whole	152,021	26/115
Monroe County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	152,021	26/115
Monroe County	8-Hour Ozone (2015)	Detroit, MI	1819202122	05/19/2023	Moderate	Whole	152,021	26/115
Monroe County	PM-2.5 (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0506070809101112	08/29/2013 *	Former Subpart 1	Whole	152,021	26/115
Monroe County	PM-2.5 (2006)	Detroit-Ann Arbor, MI	09101112	08/29/2013	Former Subpart 1	Whole	152,021	26/115
Muskegon County	1-Hour Ozone (1979)-NAAQS revoked	Muskegon, MI	9293949596979899	10/18/2000	Moderate	Whole	172,188	26/121
Muskegon County	8-Hour Ozone (1997)-NAAQS revoked	Muskegon, MI	040506	05/16/2007	Marginal	Whole	172,188	26/121

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Muskegon County	8-Hour Ozone (2015)	Muskegon County, MI	1819202122232425	//	Serious	Part	146,852	26/121
Oakland County	1-Hour Ozone (1979)-NAAQS revoked	Detroit-Ann Arbor, MI	929394	04/06/1995	Moderate	Whole	1,202,362	26/125
Oakland County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	1,202,362	26/125
Oakland County	8-Hour Ozone (2015)	Detroit, MI	1819202122	05/19/2023	Moderate	Whole	1,202,362	26/125
Oakland County	Carbon Monoxide (1971)	Detroit, MI	92939495969798	08/30/1999	Not Classified	Part	435,027	26/125
Oakland County	PM-2.5 (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0506070809101112	08/29/2013 *	Former Subpart 1	Whole	1,202,362	26/125
Oakland County	PM-2.5 (2006)	Detroit-Ann Arbor, MI	09101112	08/29/2013	Former Subpart 1	Whole	1,202,362	26/125
Ottawa County	1-Hour Ozone (1979)-NAAQS revoked	Grand Rapids, MI	92939495	06/21/1996	Moderate	Whole	263,801	26/139
Ottawa County	8-Hour Ozone (1997)-NAAQS revoked	Grand Rapids, MI	040506	05/16/2007	Former Subpart 1	Whole	263,801	26/139
Saginaw County	1-Hour Ozone (1979)-NAAQS revoked	Saginaw-Bay City-Midland, MI	929394959697989900	01/16/2001	Incomplete Data	Whole	200,169	26/145
St. Clair County	1-Hour Ozone (1979)-NAAQS revoked	Detroit-Ann Arbor, MI	929394	04/06/1995	Moderate	Whole	163,040	26/147
St. Clair County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	163,040	26/147

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
St. Clair County	8-Hour Ozone (2015)	Detroit, MI	1819202122	05/19/2023	Moderate	Whole	163,040	26/147
St. Clair County	PM-2.5 (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0506070809101112	08/29/2013 *	Former Subpart 1	Whole	163,040	26/147
St. Clair County	PM-2.5 (2006)	Detroit-Ann Arbor, MI	09101112	08/29/2013	Former Subpart 1	Whole	163,040	26/147
St. Clair County	Sulfur Dioxide (2010)	St. Clair, MI	16171819202122232425	//		Part	52,102	26/147
Van Buren County	8-Hour Ozone (1997)-NAAQS revoked	Kalamazoo-Battle Creek, MI	040506	05/16/2007	Former Subpart 1	Whole	76,258	26/159
Washtenaw County	1-Hour Ozone (1979)-NAAQS revoked	Detroit-Ann Arbor, MI	929394	04/06/1995	Moderate	Whole	344,791	26/161
Washtenaw County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	344,791	26/161
Washtenaw County	8-Hour Ozone (2015)	Detroit, MI	1819202122	05/19/2023	Moderate	Whole	344,791	26/161
Washtenaw County	PM-2.5 (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0506070809101112	08/29/2013 *	Former Subpart 1	Whole	344,791	26/161
Washtenaw County	PM-2.5 (2006)	Detroit-Ann Arbor, MI	09101112	08/29/2013	Former Subpart 1	Whole	344,791	26/161
Wayne County	1-Hour Ozone (1979)-NAAQS revoked	Detroit-Ann Arbor, MI	929394	04/06/1995	Moderate	Whole	1,820,584	26/163
Wayne County	8-Hour Ozone (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0405060708	06/29/2009	Marginal	Whole	1,820,584	26/163
Wayne County	8-Hour Ozone (2015)	Detroit, MI	1819202122	05/19/2023	Moderate	Whole	1,820,584	26/163

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Wayne County	Carbon Monoxide (1971)	Detroit, MI	92939495969798	08/30/1999	Not Classified	Part	651,784	26/163
Wayne County	PM-10 (1987)	Wayne County, MI	92939495	10/04/1996	Moderate	Part	713,777	26/163
Wayne County	PM-2.5 (1997)-NAAQS revoked	Detroit-Ann Arbor, MI	0506070809101112	08/29/2013 *	Former Subpart 1	Whole	1,820,584	26/163
Wayne County	PM-2.5 (2006)	Detroit-Ann Arbor, MI	09101112	08/29/2013	Former Subpart 1	Whole	1,820,584	26/163
Wayne County	Sulfur Dioxide (2010)	Detroit, MI	13141516171819202122232425	//		Part	254,079	26/163

Important Notes