



NAAQS Updates

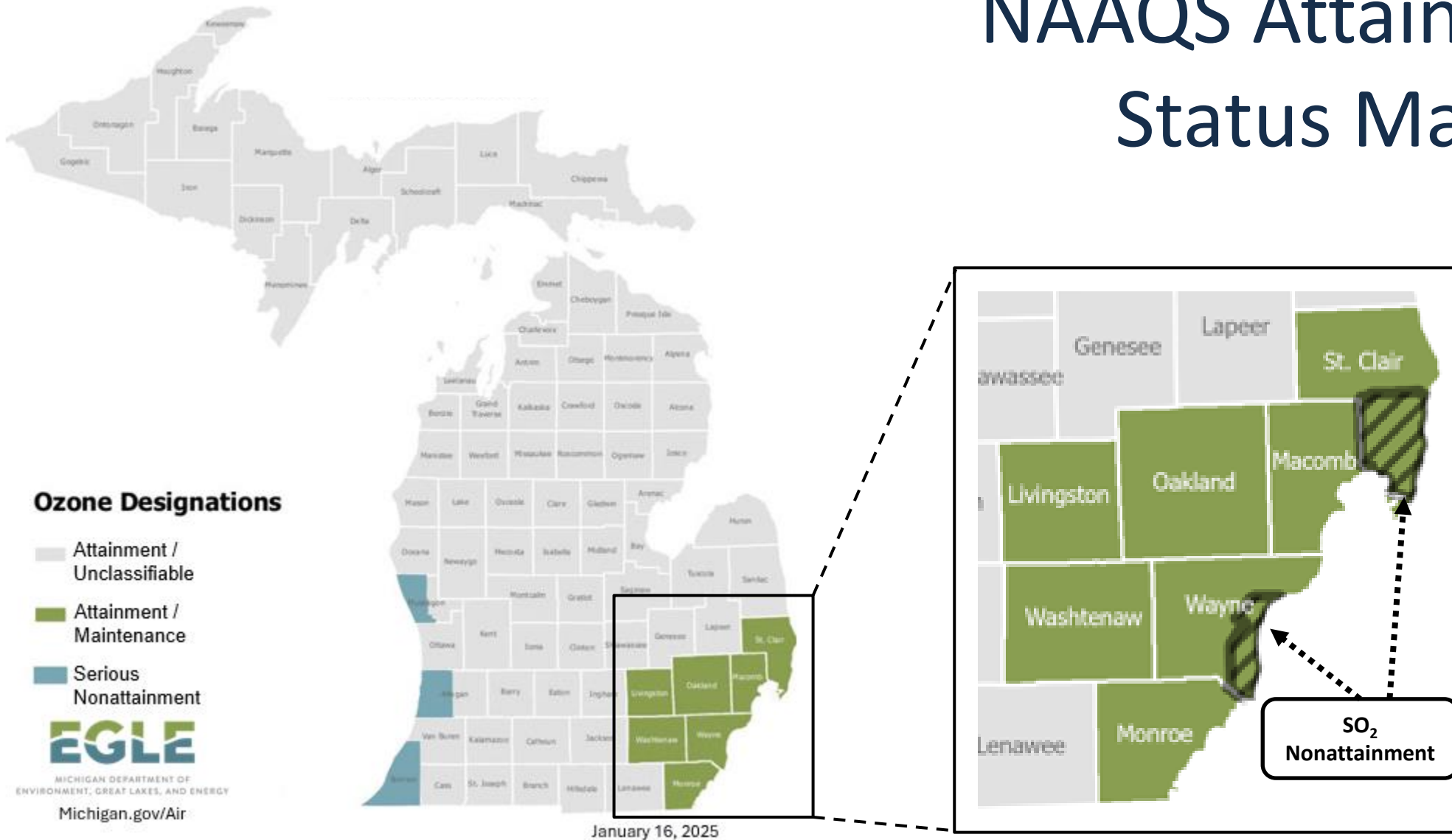
Joint AWMA Conference – Fall 2025

Tom Shanley

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NAAQS Attainment Status Map

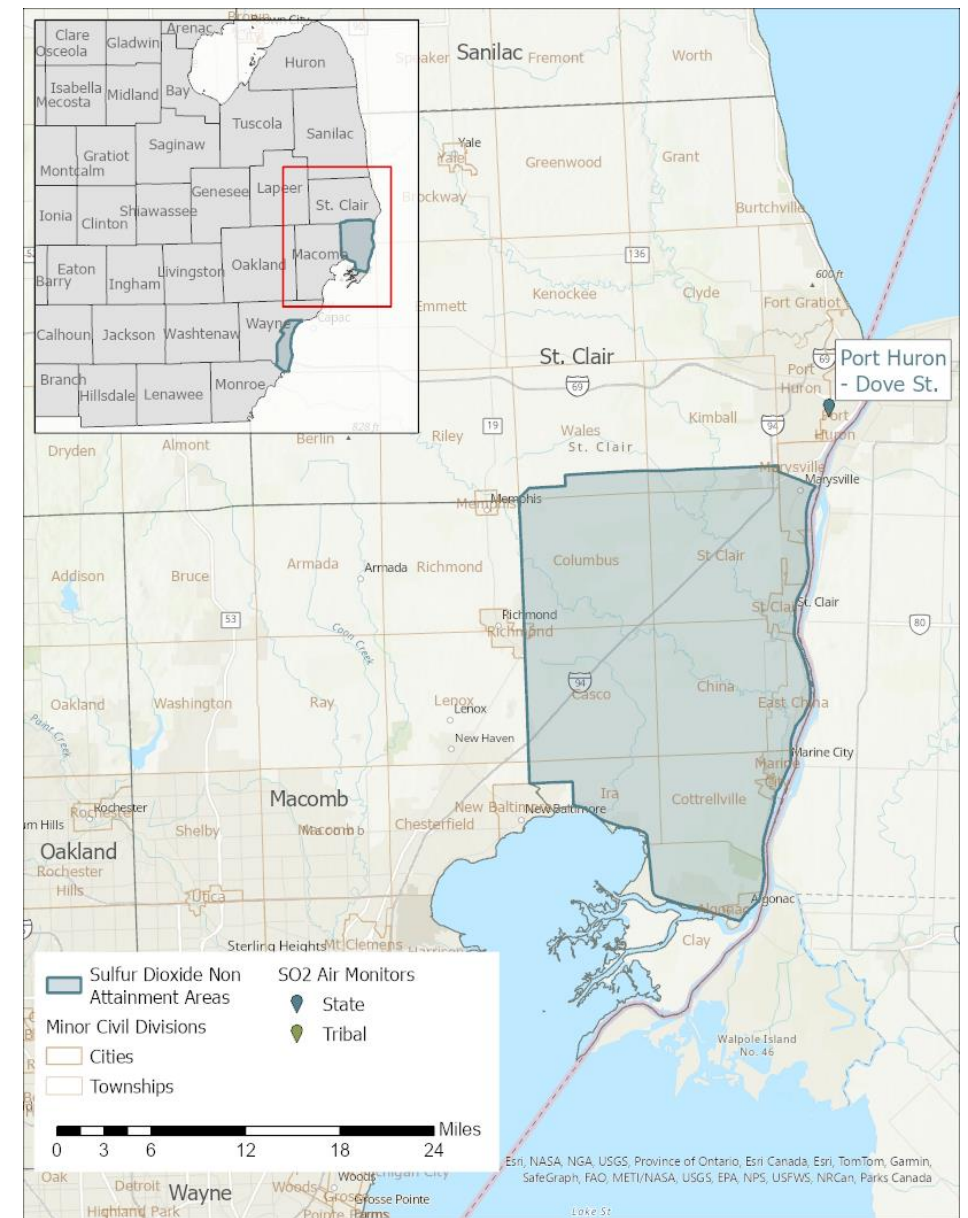


2010 SO₂ NAAQS UPDATES

2010 NAAQS SO₂ Update

St. Clair County NAA

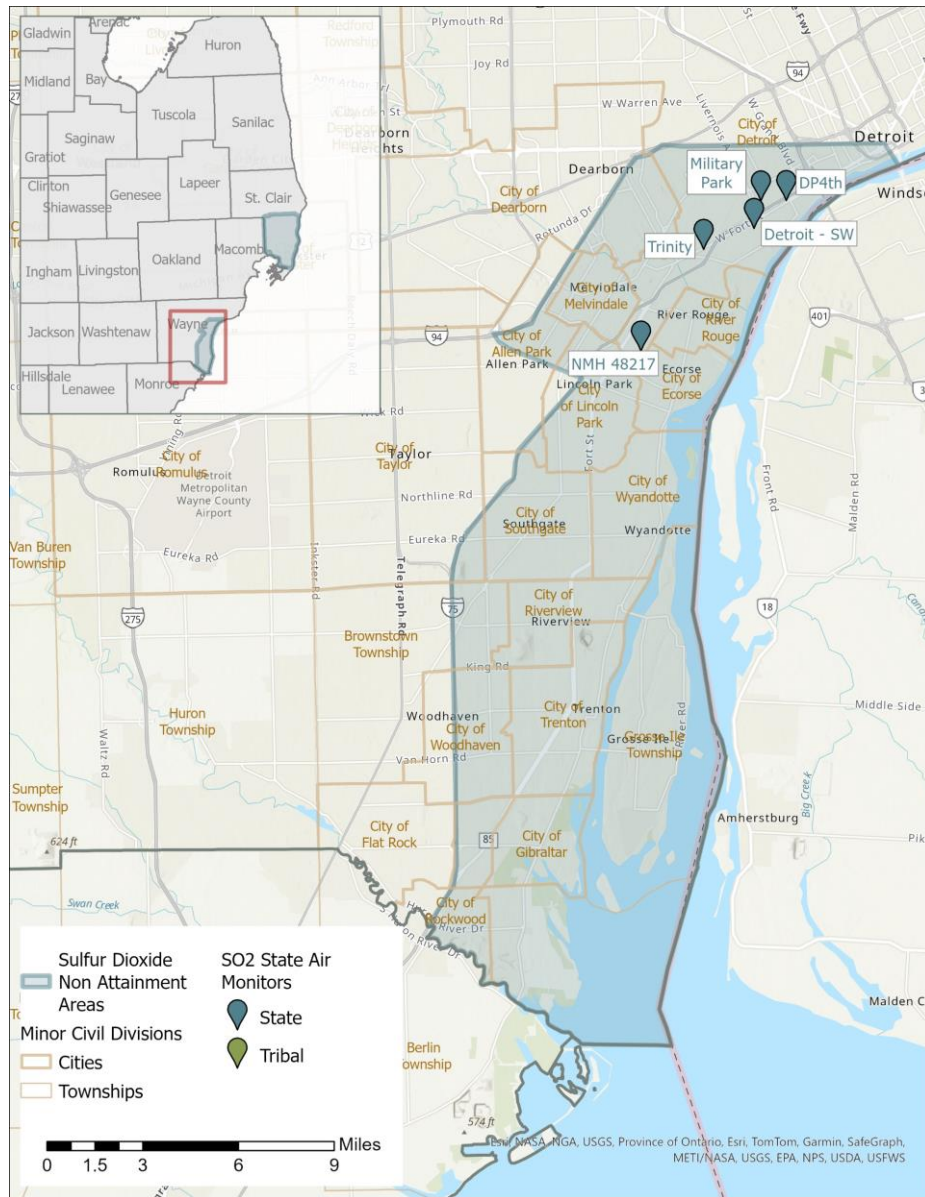
- Original Nonattainment Designation: October 2016
- Clean Data Determination: August 2021
- St. Clair Power Plant Retirement: May 2022
- Redesignation Request:
 - Submitted December 2023
 - Supplement submitted July 2025



2010 NAAQS SO₂ Update

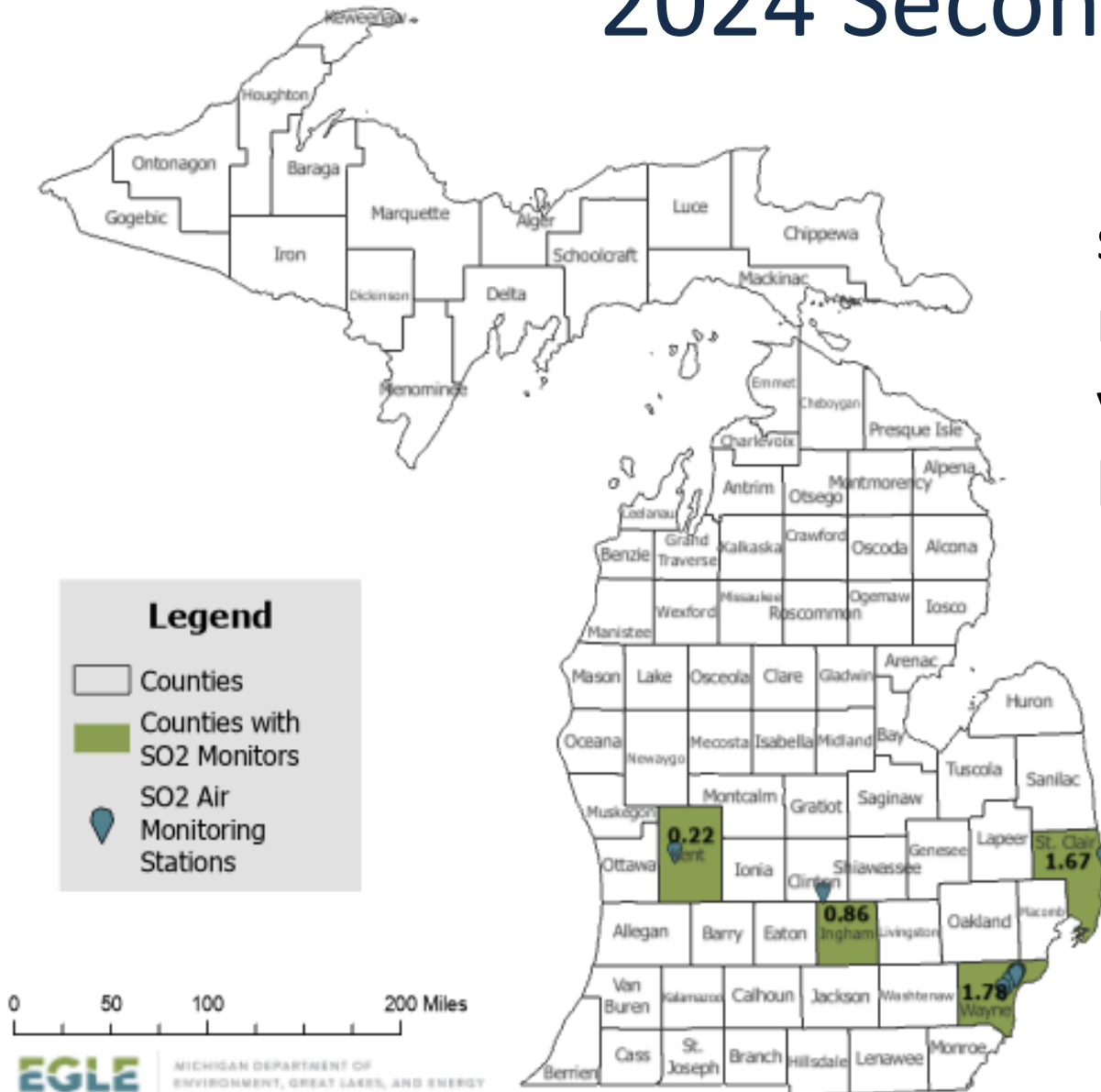
Wayne County NAA

- Original Nonattainment Determination: 2013
- ... A lot of history ...
- State Implementation Plan Submitted: April 2022
- Federal Implementation Plan: November 2022
- Control Program Fully Implemented: Fall 2024
- Redesignation Request Submitted: May 2025
- State Implementation Plan Approved: June 2025
- Redesignation Proposed Approval: August 2025



2024 Secondary SO₂ NAAQS Standard

December 11, 2024: USEPA revised the standard from 0.5 ppm 3-hour average not to be exceeded more than once in a year → to an annual standard with a level of 10 ppb, averaged over 3 years.

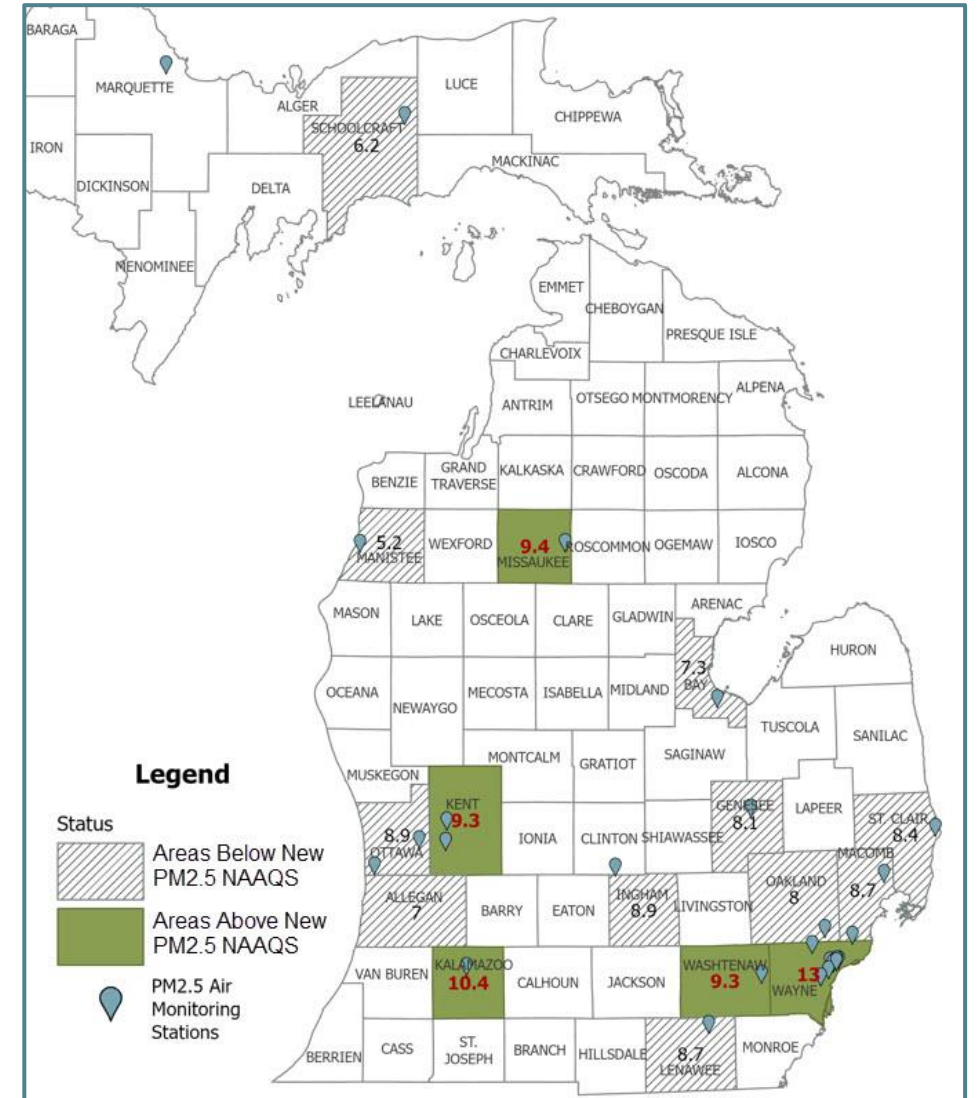


- EGLE submitted recommended an attainment designation for the whole State: August 2025
- Final designations - USEPA has 2 years from promulgation to make final designations: December 2026

2024 PM2.5 NAAQS UPDATES

2024 PM2.5 Standard

- **Recommendation Submitted Feb. 2025**
 - Nonattainment - Kalamazoo and Wayne Cos.
 - Considered:
 - 2023 Wildfire Smoke Impacts
 - Preliminary 2024 Design Values
- **Formal Designations?**
 - Due Feb. 2026
- **PM2.5 Standard Reconsideration?**



2025 PM2.5 Design Value Projections

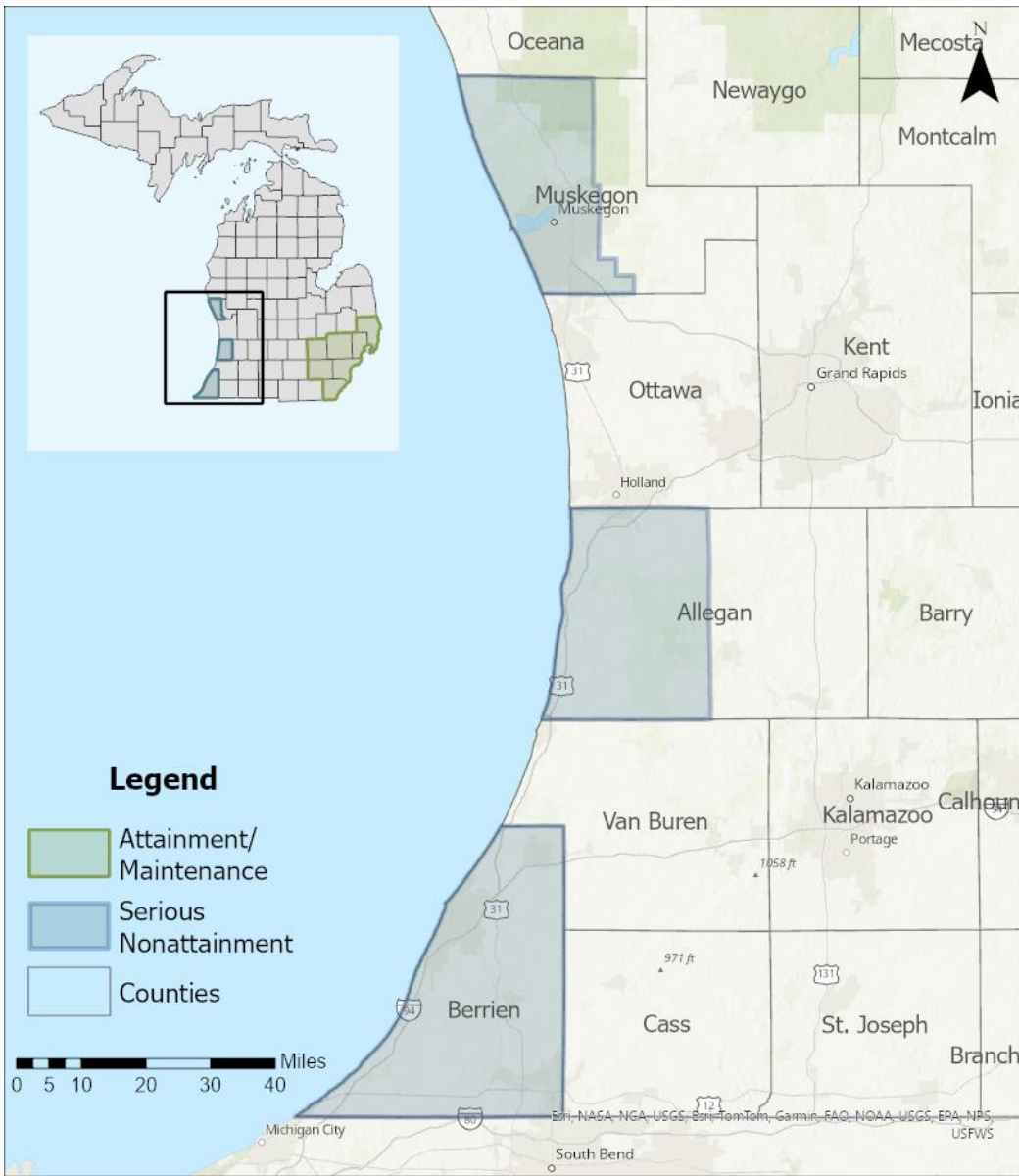
Site ID	Local Site Name	2023	2024	2025					2025 Projected Design Value*
		Annual Average	Annual Average	Quarter 1	Quarter 2	Quarter 3	Annual Average (through 3 Quarters)	Quarter 4 (Through 10/30)	
260050003	966 32nd St (Holland)	7.360	8.221	7.282	9.224	11.616	9.374	7.107	8.318
260170014	JENISON ST ABOUT 70 FT WEST, 2 LANE RESIDENTIAL	9.458	7.360	8.221	8.143	11.467	9.277	5.014	8.698
260650018	Lansing - Filley	10.969	6.590	5.913	7.957	11.561	8.477	4.930	8.679
260770008	Kalamazoo Fairgrounds	12.863	8.253	7.307	9.007	12.378	9.564	6.682	10.227
260810020	GR-MONROE	9.546	7.631	6.942	8.500	12.479	9.307	5.997	8.828
260810023	GRAND RAPIDS NEAR ROADWAY		9.078	9.551	11.616	14.250	11.805	9.250	
260910007	6792 RAISIN CENTER HWY, LENAWEE CO.RD.COMM.OWNER, TECUMSEH	9.564	6.952	7.027	8.231	9.823	8.360	4.540	8.292
260990009	New Haven	10.133	6.915	6.836	7.748	10.849	8.478	4.763	8.508
261010922	Manistee	6.412	4.930	4.099	6.384	12.089	7.524	3.387	6.289
261030013	Negaunee Township, Off Pump House Road, Pump House #2	0.000	4.141	2.933	6.692	13.953	7.860	3.320	4.000
261130001	LOCATED ABOUT 1/4 MILE WEST OF SITE (Houghton Lake)	10.371	3.731	4.720	5.113	8.629	6.154	2.917	6.752
261250001	Oak Park	8.935	7.493	7.132	8.127	11.187	8.816	4.843	8.415
261390005	Jenison	10.167	6.352	6.061	7.671	11.177	8.303	5.077	8.274
261470005	Port Huron	9.987	6.920	6.783	8.018	11.204	8.668	4.760	8.525
261530001	Seney National Wildlife Refuge, Germfask, MI	5.697	4.011	3.906	6.822	12.048	7.592	3.380	5.767
261610008	YPSILANTI TOWNER ST, SOUTH;	10.562	6.675	6.441	7.831	9.938	8.070	4.710	8.436
261630001	Allen Park	10.234	7.089	6.808	7.581	10.482	8.290	4.810	8.538
261630015	DETROIT-SOUTHWEST (DET-SW)	10.418	8.782	8.377	10.043	12.134	10.184	5.923	9.795
261630019	East 7 Mile	8.570	6.846	6.880	7.467	9.787	8.045	4.707	7.820
261630033	PROPERTY OWNED BY DEARBORN PUBLIC SCHOOLS	12.210	9.052	8.100	9.070	11.883	9.684	6.103	10.316
261630093	Eliza Howell-NR	12.674	11.051	11.870	11.491	11.200	11.520	7.948	11.748
261630097	NMH48217 NEW MT HERMAN CHURCH	12.711	6.927	7.404	7.895	10.972	8.757	5.427	9.465
261630098	DP4th - Detroit Police 4th Precinct (near GHIB)	13.439	8.838	9.001	9.524	12.125	10.217	6.387	10.831
261630099	TRINITY ST MARKS - Gordy Howe International Bridge (GHIB)	14.651	8.839	8.436	7.630	12.105	9.390	7.187	10.960
261630100	Military Park (GHIB)	18.776	8.405	7.524	8.362	10.652	8.846	5.347	12.009

* 4th Quarter data not included in Design Value projection.

2015 OZONE NAAQS UPDATES

2015 NAAQS Ozone West Michigan NAAs

- Reclassification to Serious became effective January 16, 2025.
- Serious Attainment Plan – Public Comment thru December 5th
- Redesignation Requests Muskegon and Berrien – Public Comment thru December 5th



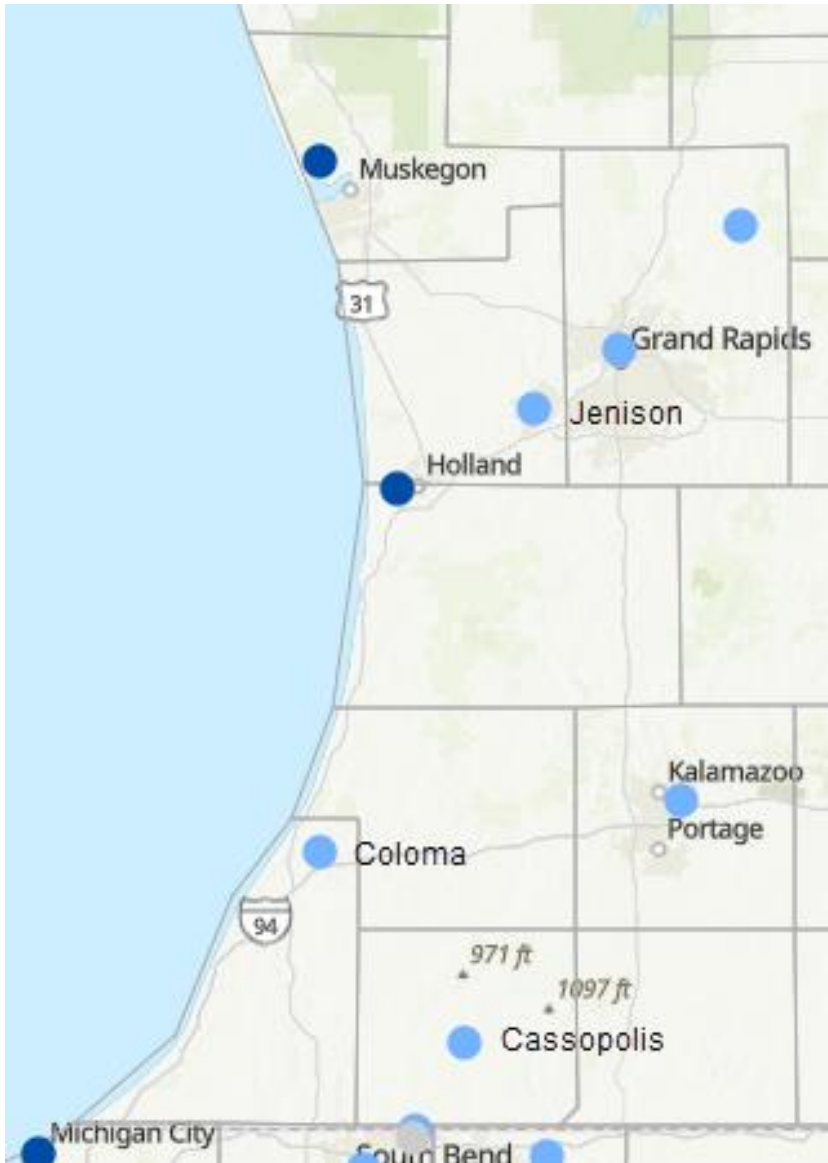
Attainment Status for the 2015 Ozone
National Ambient Air Quality Standard

EGLE

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

EGLE

West Michigan Ozone



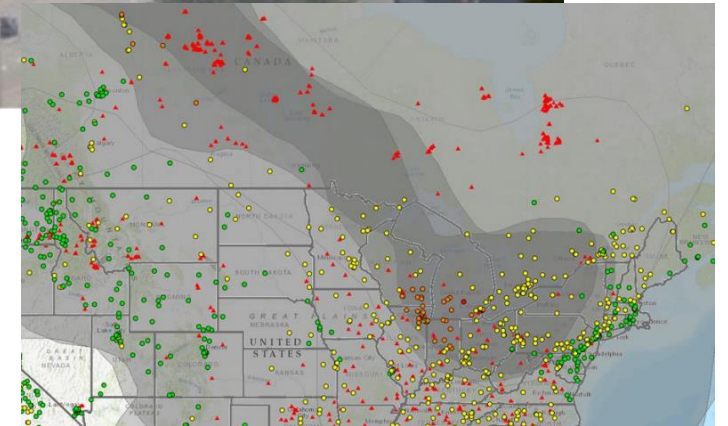
Key Monitor	2020 - 2022 Design Value (ppb)	2021-2023 Design Value (ppb)	2022-2024 Design Value (ppb)	2023-2025 Preliminary Design Value (ppb)**
Muskegon	79	77*	76*	72*
Jenison	71	70	70	69
Holland	75	75	74	74
Coloma	73	73*	72*	71*
Cassopolis	70	70	69	70

* Exceptional Events Demonstration pending

** Preliminary data subject to quality assurance and validation.

West Michigan Ozone Exceptional Events

- Coloma (Berrien Co.) Monitor
 - June 19 & July 25, 2023
- Muskegon Monitor
 - 2023: June 19, 29, 30; July 25
 - 2025: July 15
- Comment Period
 - Thru December 5th
 - [West MI Ozone Nonattainment](#)



Southeast Michigan Ozone Attainment/Maintenance

Redesignation on
May 19, 2023 –
Attainment/Maintenance

Continued monitoring
and actions, as needed
to maintain attainment

Public Comment until November 28th : [2023 Wildfire Exceptional Event Demonstration for Ground-Level Ozone in Southeast Michigan – Allen Park and East 7-Mile Monitors](#)



Southeast 2015 Ozone Maintenance Area

Related Ozone Updates

- Rule updates:
 - Parts 1, 8, 9 and 10 promulgated in 2025
 - Part 8 NOx RACT SIP submitted in August 2025; Moderate requirements completed
- Serious Ozone rule updates on the way:
 - Parts 6 and 8: Updates to accommodate lowering thresholds and updating applicable counties

SUMMARY

2025 Planning Accomplishments

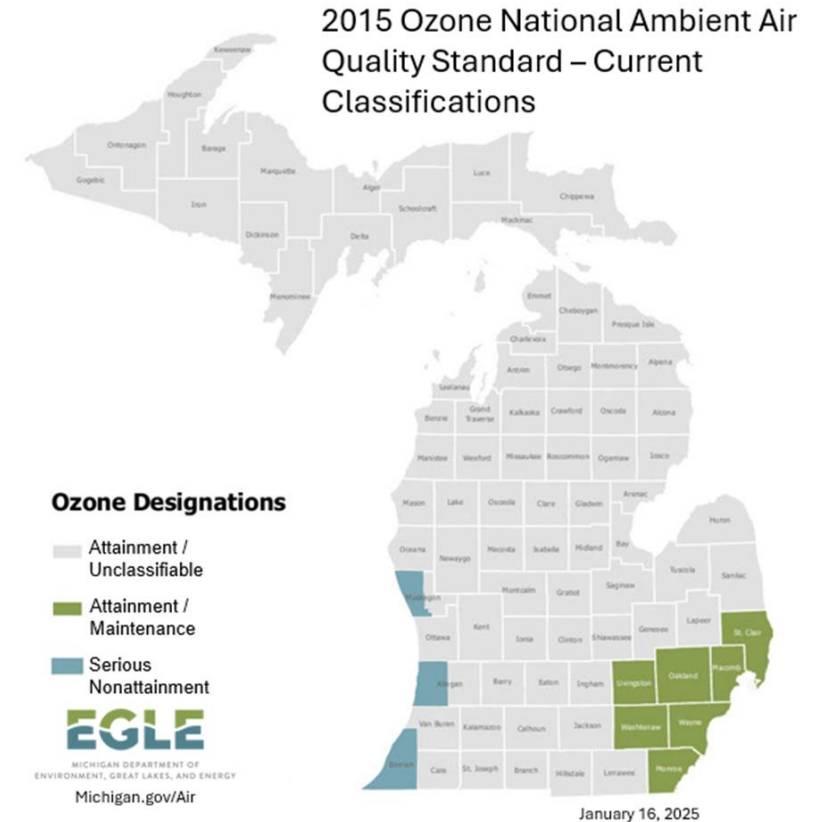


- Actions Submitted to USEPA:
 - PM2.5 Designation Recommendations
 - Grand Rapids PM2.5 Exceptional Event Demonstration - **EPA Concurrence**
 - Regional Haze Plan Supplement – **EPA Approval**
 - Regional Haze Progress Report for Second Planning period
 - Part 8 RACT / SIP Call Rules Revised and Submitted to the SIP
 - SO2 St. Clair Redesignation Supplement
 - SO2 Wayne Co Redesignation Request – **EPA Proposed approval**
 - SO2 Secondary Standard Designation Recommendations
 - Numerous Rule Promulgations for SIP obligations



2025 Planning Accomplishments

- Proposed Actions Open for Public Comment:
 - West MI Ozone
 - <https://www.michigan.gov/egle/about/organization/air-quality/state-implementation-plan/ozone-nonattainment/west-Michigan>
 - Receiving Public Comment Through December 5th:
 - Ozone Redesignation Requests for Berrien and Muskegon
 - Ozone Exceptional Event Demonstrations for Berrien and Muskegon
 - Serious Ozone Attainment Plan
 - Southeast MI Ozone Maintenance
 - Receiving Public Comment Through November 28th:
 - [Ozone Exceptional Event Demonstration for Allen Park and East 7-Mile monitors](#)



Questions

Thank you!

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Helpful Links

- EGLE West Michigan Ozone Nonattainment Actions
<https://www.michigan.gov/egle/about/organization/air-quality/state-implementation-plan/ozone-nonattainment/west-michigan>
- EGLE AQD SIP Ozone Nonattainment Webpage
<https://www.michigan.gov/egle/about/organization/air-quality/state-implementation-plan/ozone-nonattainment>
- EGLE AQD air monitor sites and nonattainment area map
<https://egle.maps.arcgis.com/apps/webappviewer/index.html?id=9a4c80a5c7fa4088971757504a3c0ba1>
- Michigan's PM2.5 Designation Recommendation ([direct link](#))
<https://www.michigan.gov/egle/about/organization/air-quality/state-implementation-plan>
- Michigan's Requests for Redesignation for the Primary SO₂ NAAs
<https://www.michigan.gov/egle/about/organization/air-quality/state-implementation-plan/ozone-nonattainment/west-michigan>
 - Wayne County: [direct link](#)
 - St. Clair County: [direct link](#)