



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Air Quality Division

Annette Switzer, Air Quality Division Director

Air Quality Division - FY25 Priorities



Continue
Attainment
Planning



MiEnviro Portal



Staff Development



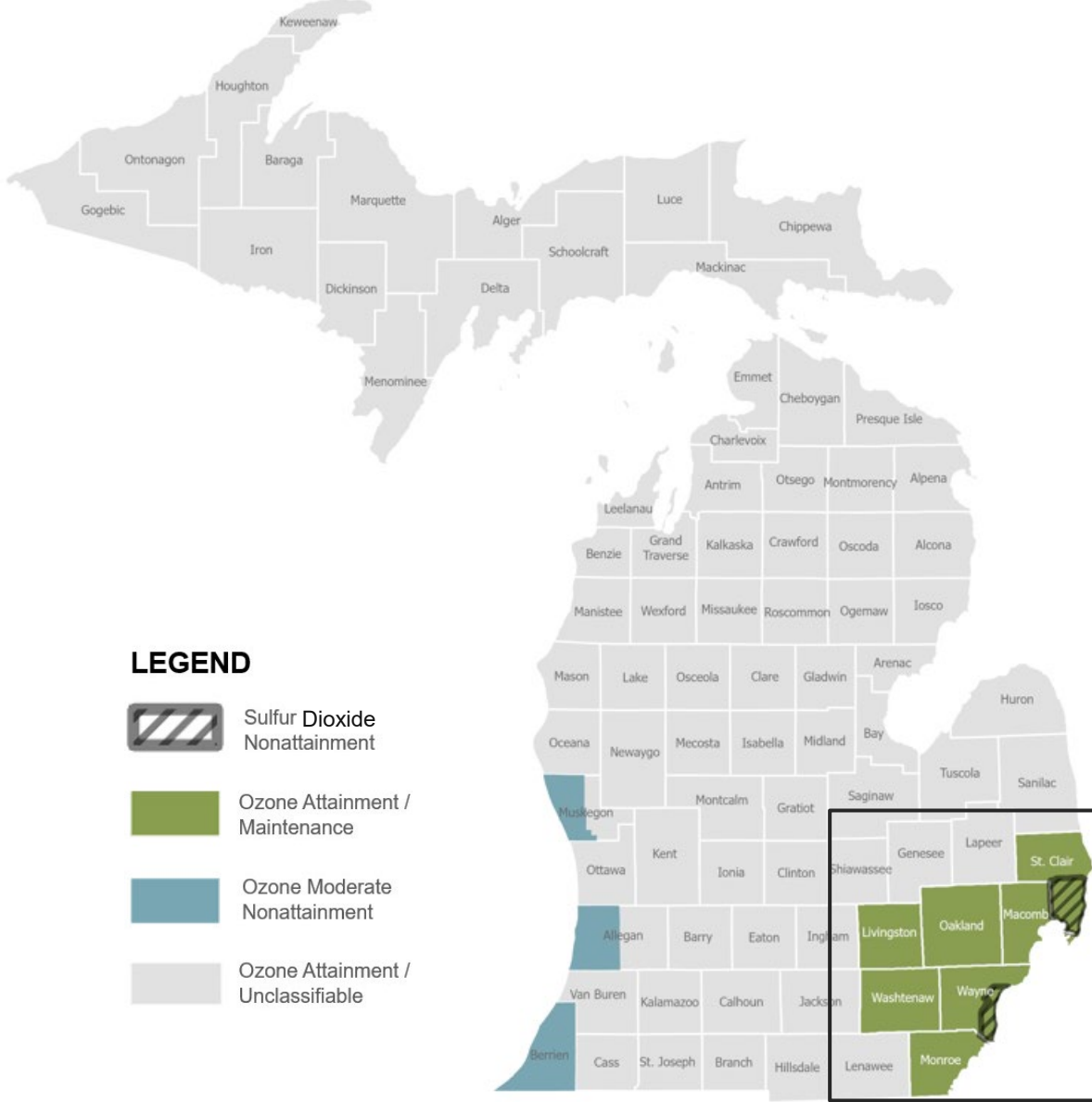
Environmental
Justice

The Air Quality Division

Air Quality Division staff ensure Michigan's air remains clean by regulating sources of air pollutants to minimize adverse impacts on human health and the environment.



NAAQS Attainment Status Map



LEGEND

-  Sulfur Dioxide Nonattainment
-  Ozone Attainment / Maintenance
-  Ozone Moderate Nonattainment
-  Ozone Attainment / Unclassifiable

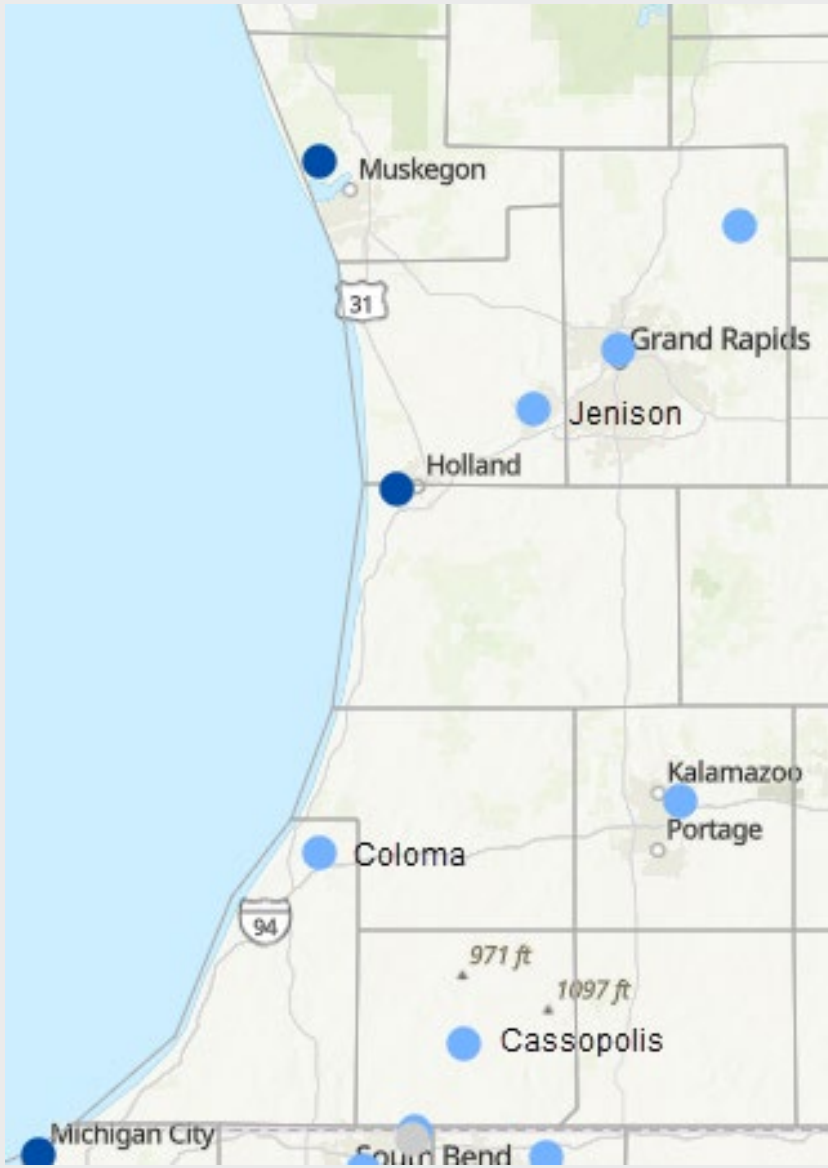


Southeast Michigan Ozone



- 7 Counties – Monroe, Wayne, Washtenaw, Livingston, Oakland, Macomb, St. Clair
- Maintenance

West Michigan Ozone

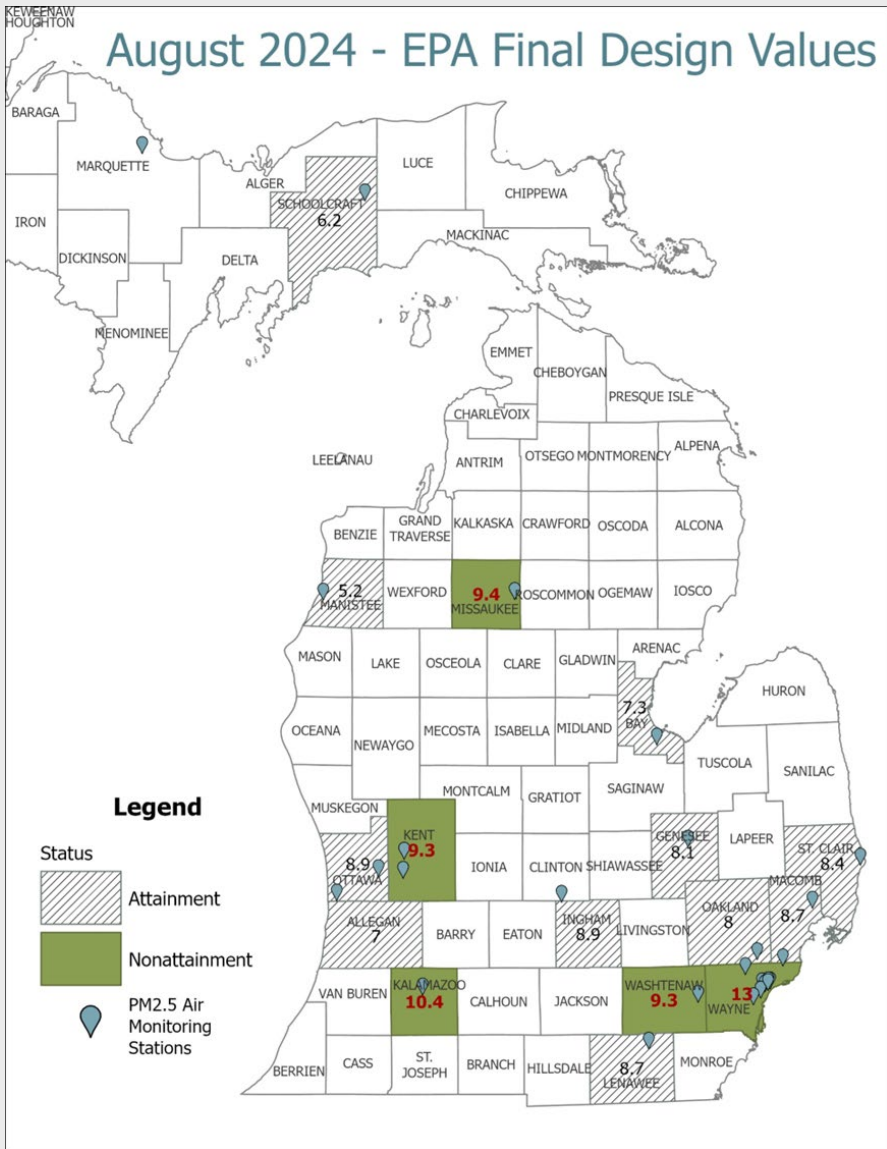


Key Monitor	2019 – 2021 Design Value (ppb)	2020-2022 Design Value (ppb)	2021-2023 Design Value (ppb)
Muskegon	74	79	77
Jenison	69	71	70
Holland	75	75	75
Coloma	71	73	73
Cassopolis	68	70	70

Revised PM_{2.5} Standard

- Final Rule
 - Promulgation: Feb. 6, 2024
 - Publication Date: March 6, 2024
 - Effective: May 6, 2024
- Annual PM_{2.5} standard
 - 12 $\mu\text{g}/\text{m}^3$ (2012)
 - 9 $\mu\text{g}/\text{m}^3$ (2024)
- 24-hour PM_{2.5} standard
 - Unchanged at 35 $\mu\text{g}/\text{m}^3$ (2006)

The screenshot shows the EPA website's 'Particulate Matter (PM) Pollution' page. At the top, it displays the date '16202 Federal Register / Vol. 89, No. 45 / Wednesday, March 6, 2024 / Rules and Regulations'. The page is divided into two columns. The left column contains the title 'ENVIRONMENTAL PROTECTION AGENCY' and '40 CFR Parts 50, 53, and 58', followed by a 'Table of Contents' section. The right column contains a detailed table of contents with numbered sections. A search bar is visible at the top right. Below the main content, there is a 'CONTACT US' section. At the bottom, a blue box with white text reads: '2/7/2024 - EPA strengthens air quality standard for fine particle pollution (PM_{2.5})'.



PM2.5 Nonattainment Recommendations

- What's being considered?
 - 2023 & 2024 Design Values
 - Monitoring Values, Emissions, Meteorology, Geography, Jurisdictional Boundaries ('Five Factors')
 - Exceptional Events
- What input will stakeholders have?
 - Currently, providing early engagement opportunities, especially in Detroit and Kalamazoo
 - SEMCOG PM2.5 Workgroup
 - Hope to informally share a draft recommendation with stakeholders later this year
- When is it due to EPA?
 - February 7, 2025



PM_{2.5} Timeline

- Feb. 2025 - Michigan will submit recommended designations by February 7, 2025
- Late 2025 – EPA will provide a 120-day letter proposing nonattainment areas (potential 1-year extension)
- Early 2026 – formal designations are published (potential 1-year extension)
- Feb. 2027 – EGLE will submit an Infrastructure SIP to EPA (3 yrs. after new standard)
- Mid 2027 – Nonattainment SIPs are expected to be due (18 mos. after designations)
- Dec. 2032 – PM_{2.5} Moderate Attainment Date (6 years after formal designations)



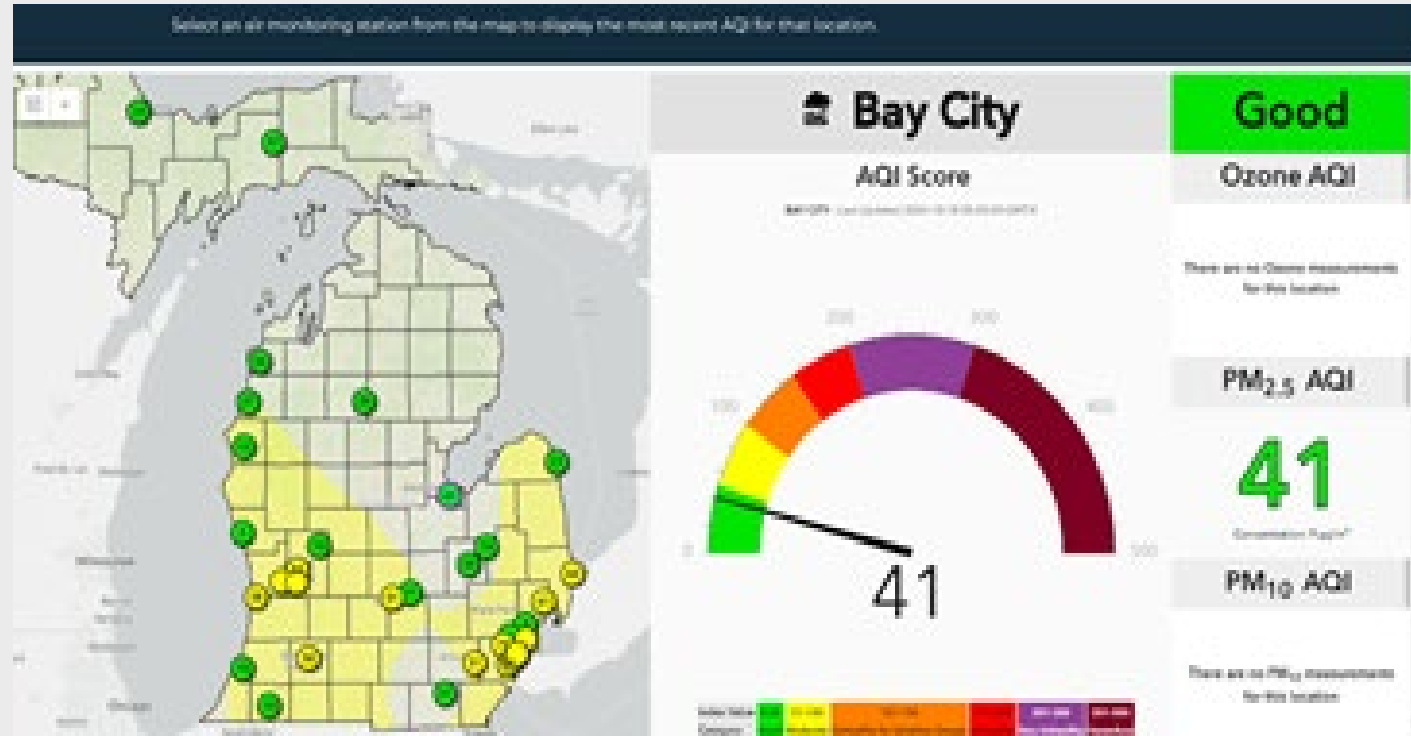
Lake Michigan Air Directors Consortium

- Training
- Air Quality Modeling
- Air Pollution Monitoring
- Emissions Modeling



<https://www.ladco.org>

Air Monitoring Updates



Air monitoring network enhancements continue to be made through the American Rescue Plan (ARP) and Inflation Reduction Act (IRA) grants. A new PM_{2.5} site became operational in Spring 2024 near Marquette. Two sites will become operational in 2025 in Detroit. In October, EGLE launched a new real-time data portal: Michigan.gov/MiAir

Permitting Updates

Permit to Install

- Permit Applications
- New Unit

Renewable Operating Permit

- Renewals and Initial Applications
- New Unit





Reduced time to prepare, submit, review, and process permits, emission reports and compliance information



Improved data retrieval and transparency for the public and other stakeholders



Central reporting website/portal for utilization by the regulated community and by other EGLE business areas



Customized control measures for improved data accuracy

MiEnviro Portal Benefits



Permitting



Monitoring



Integrated
Resource
Planning



Special projects



Outreach and
Communication

Environmental Justice and Title VI

From EPA

Permitting

- NSR Prevention of Significant Deterioration
- Minor NSR
- Title V

NAAQS

- PM2.5
- Ozone

Title VI Considerations

- State Implementation Plans
- Air Permitting

THANK YOU!

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