

Developing Regional Solutions



SEMCOG

Southeast Michigan Council of Governments

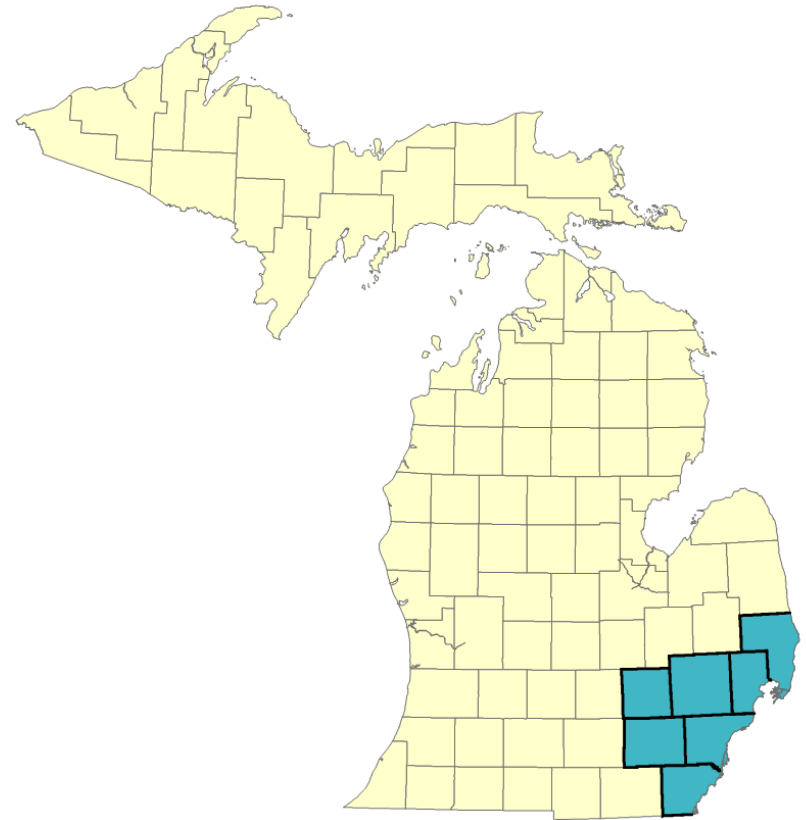
VOLUNTARY PROGRAMS TO ADDRESS OZONE IN SOUTHEAST MICHIGAN

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What is SEMCOG?

Association of over 170 local governments

- Transportation
- Infrastructure
- Environment
- Economic Development
- Bicycle and Pedestrian
- Parks and Recreation
- Regional Forecasting



Air Quality in Southeast Michigan

- Improving air quality
- Nonattainment for Ozone
- Developing improvements for the region



What are we doing to improve air quality?

Southeast Michigan Air Quality Study Group

SEMAQS

- Formed in the 1990s
- Brings together stakeholders from industry and government
- Works to achieve NAAQS standards

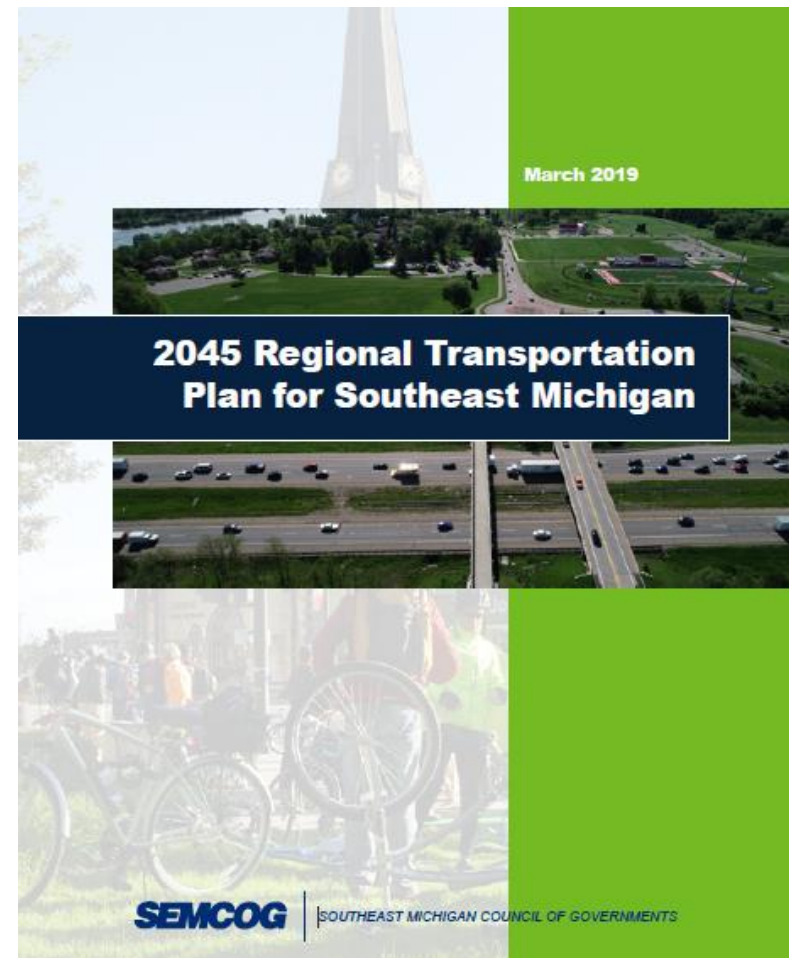


State Implementation Plan (Ozone)

- Partner with EGLE to attain & maintain national standards
- Analyze available data to:
 - Identify source of problem
 - Develop cost-effective attainment strategy
- Involve stakeholders early on
 - Air Quality Technical Group
 - Task Force

2045 Regional Transportation Plan

- 2045 RTP
 - 20-year horizon
 - \$35 billion; 174 projects through 2045
- Transportation Improvement Program
 - 4-year horizon
 - 2017-2020
 - \$4.4 billion



2045 Regional Transportation Plan

- Integrate Environmental Protection into the transportation system, enhancing community health and increasing the overall resiliency of infrastructure.

Air Quality

- Enhance Ozone Action Public Awareness
- Prioritize Congestion Mitigation and Air Quality Programs
- Influence Air Quality Conformity Strategies
- Work Towards National Ambient Air Quality Standards

Transportation Conformity

Table 3: Results of 8-Hour Ozone Conformity Analysis -Budget Emissions Test

Analysis Year	Emissions (tons/day)		Regional Summer Weekday VMT (in millions)
	VOC	NO _x	
Conformity Budget	106	274	NA
2020	57.1	92.6	137.8
2025	41.7	56.3	139.3
2035	23.9	27.8	142.7
2045	21.4	25.2	147.2

Congestion Mitigation & Air Quality Program



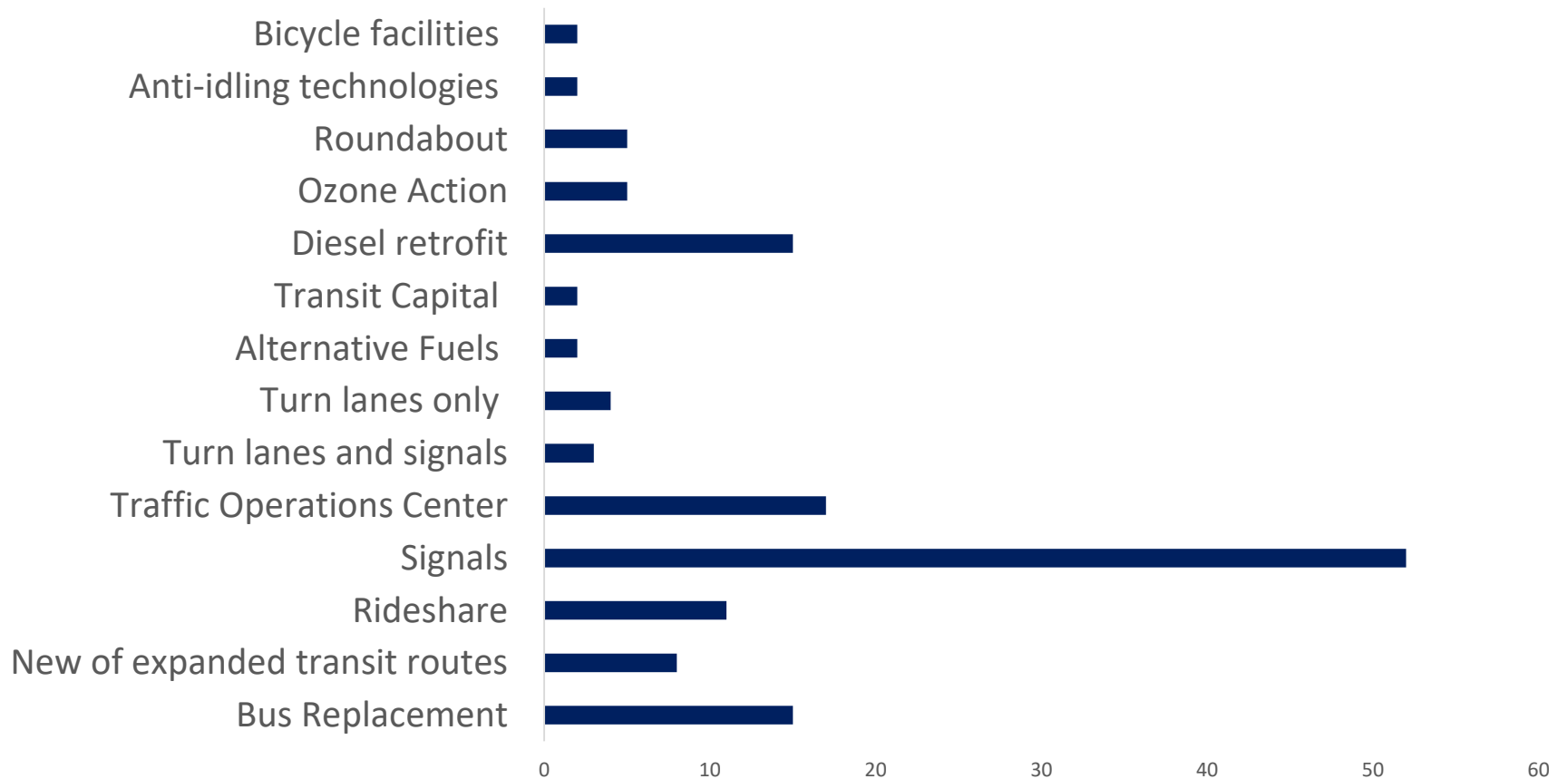
- Funds projects that help attainment or maintenance of NAAQS Standards

Congestion Mitigation & Air Quality Program

- CMAQ projects eligible for funding:
 - improve transit service;
 - improve traffic flow;
 - support ride sharing;
 - Create new bicycle and pedestrian facilities for commuters.

CMAQS Projects

Number of CMAQ Projects from 2010 - 2018



SEMCOG's Ozone Action Program

- Gets the public to take action to improve air quality
- 26th year of the program
- Taking action on ozone action days



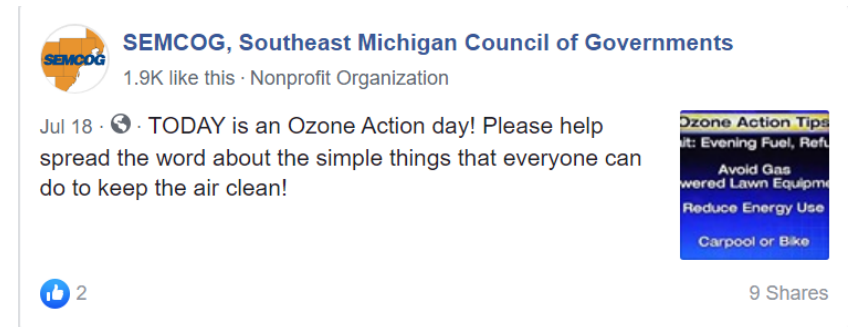
SEMCOG's Ozone Action Program

- Actions:
 - Delay lawn mowing
 - Walk, bike, carpool or use transit
 - Avoid refueling during daylight hours
 - Avoid vehicle idling (drive-thru facilities)



SEMCOG's Ozone Action Program

- About 96% of respondents recognize the term “Ozone Action”
- About 60% of respondents recognized the ozone action program



SEMCOG's Ozone Action Program

- **Program Identification Source:**

Email notification
Newspaper
Social Media
Television
Radio Other
SEMCOG's Website
Freeway Message Signs

Summary

- Continued air quality improvements
- Pollution from cars and trucks continues to decline
- SEMCOG focused on cost-effective strategies to attain/maintain standards

Questions?