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Agenda



- **Recycling and Waste Diversion**
- **Statewide and National Context**
- **Historical Overview**
- **Detroit Recycles**
 - Partners and Programs
- **Priorities and Guiding Stars**
- **Detroit's Waste Diversion Goals**



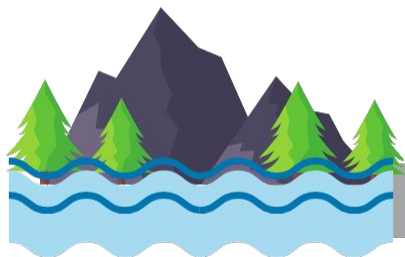


Waste Diversion: **What is it** **& Why do we do it?**



Our Waste

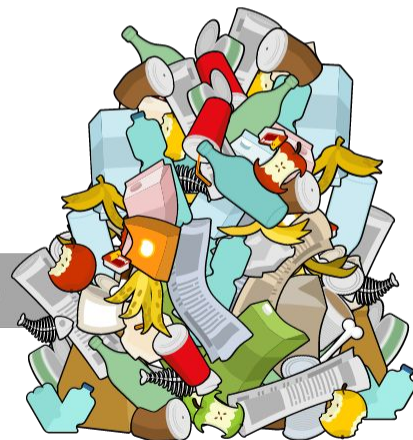
- ★ Our current system makes it EASIEST to send waste to local landfills
 - Detroit has goals to divert waste from the landfill through reuse and recovery of waste.



Take

Make

Waste



Diversion - Reusing and Recovering Waste

- ★ Conserve natural resources
- ★ Decrease waste to landfills
- ★ Economic development
- ★ Improves water quality
- ★ Improves air quality



Forms of Diversion

- ★ Reduce
- ★ Reuse
- ★ Recycle
- ★ Compost

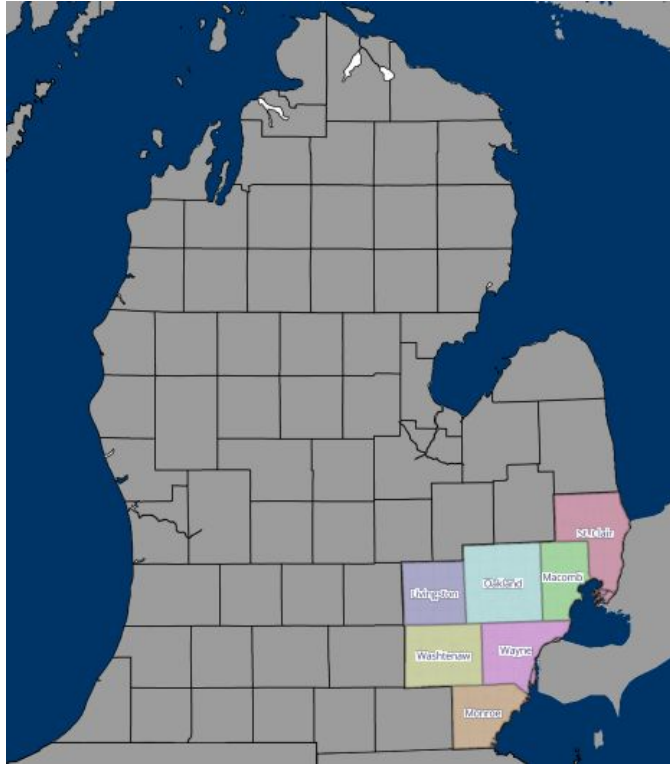




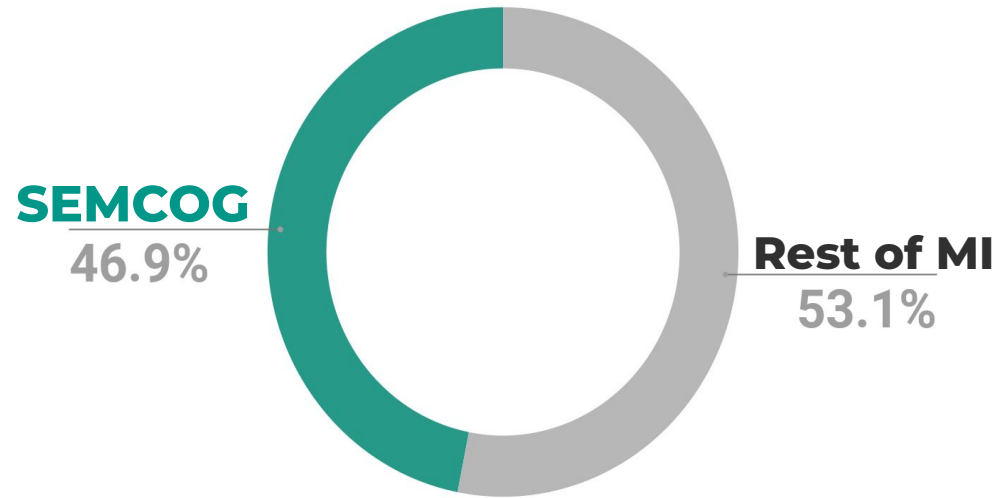
Statewide and National Context: Detroit vs. Everybody



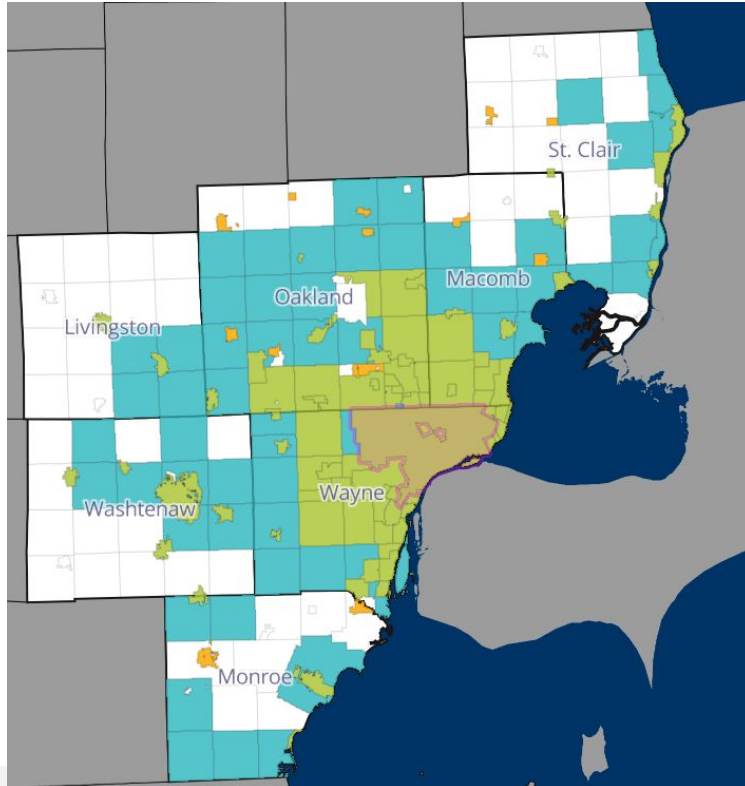
Detroit vs Everybody



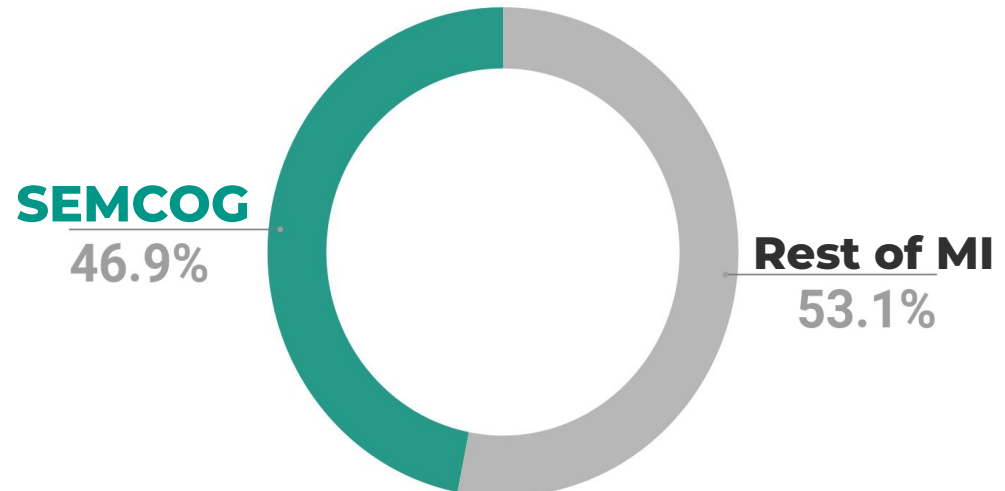
Total Materials Available to Recycle & Compost



Detroit vs Everybody



Total Materials Available to Recycle & Compost



Detroit's population is **14% of SEMCOG**

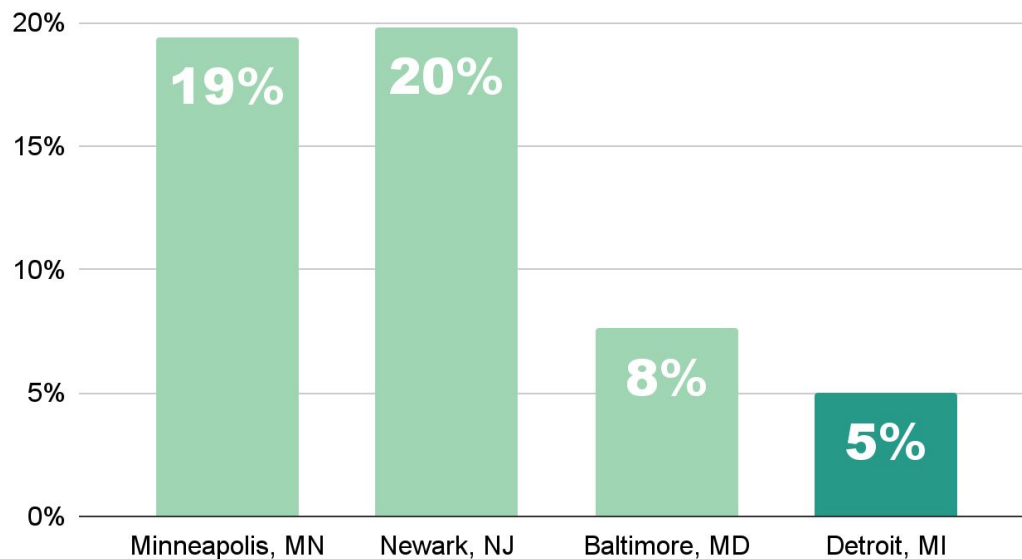


Detroit vs Everybody



Recycling Rates of Plastic

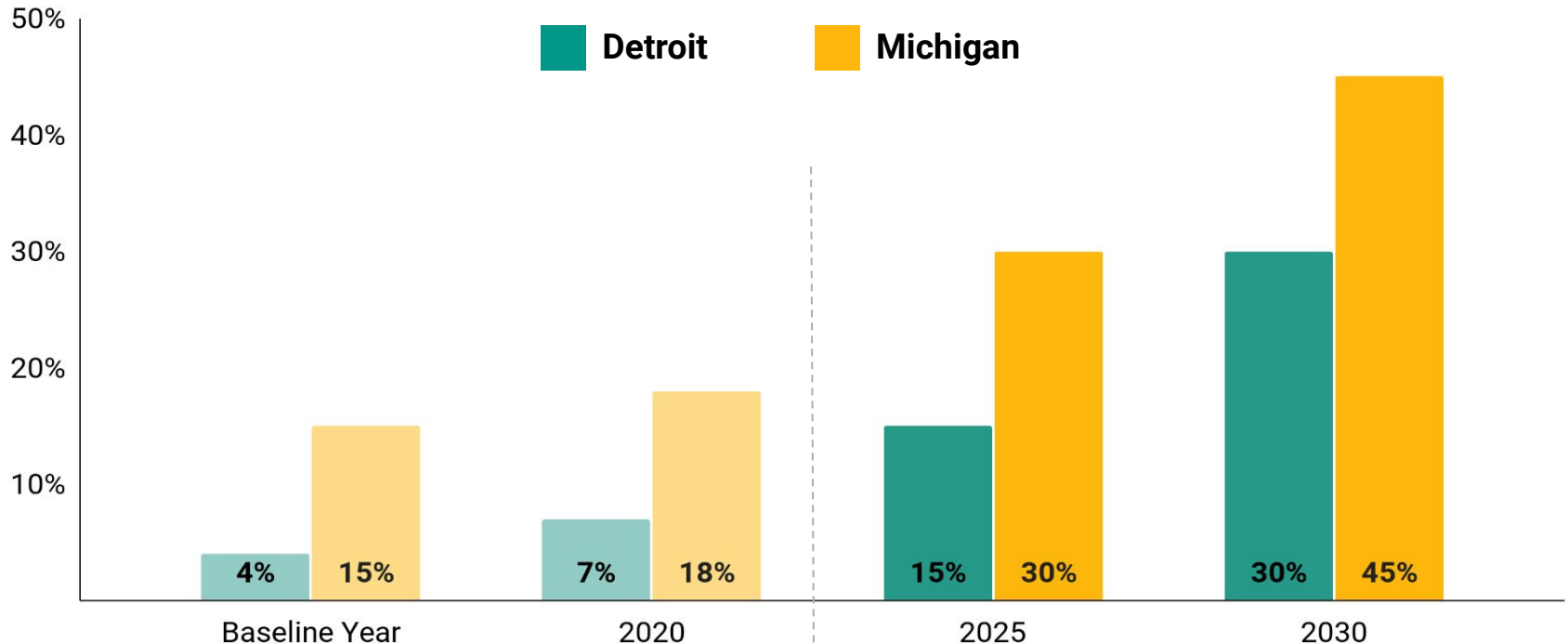
Percent of Total MSW



Detroit vs Everybody

Recycling Rate Targets

Set by Detroit Sustainability Action Agenda & Michigan Department of Environment, Great Lakes and Energy



Detroit's Waste History

Recycle Here!
Begins collecting
recyclables

2007



Curbside
Recycling
Begins

2015



Commercial, Parks,
Municipal, Multifamily
Recycling

2021



Curbside
Recycling Pilot

2008



Incinerator
Shut Down
+
Sustainability
Action Agenda

2019



Detroit Recycles Expansion
+
Exploring new interventions to
divert waste

2023+

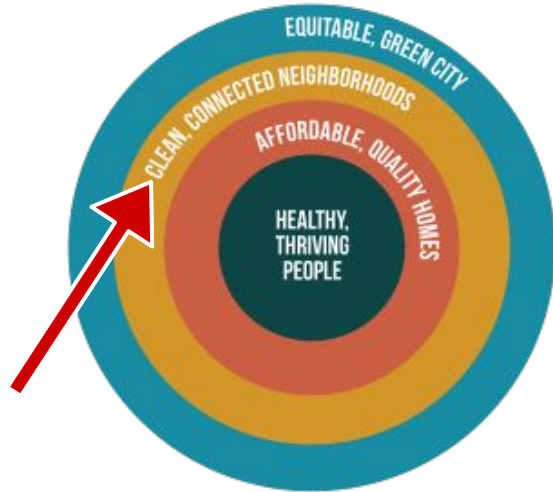




Detroit's Waste Diversion Goals: Sustainability Action Agenda + City Charter



Detroit's Recycling Goals - SAA



Sustainability Action Agenda

Goal 7: Reduce Waste Sent to Landfill

- Action 26:** Launch a citywide recycling campaign
- Action 27:** Expand curbside recycling to multi-family buildings
- Action 28:** Expand recycling to public spaces and City facilities
- Action 29:** Develop a best practices framework for commercial scale compost operations
- Action 30:** Launch residential composting pilot program



Detroit's City Charter

Sec. 7-403. - Recycling.

The Department of Public Works shall prepare, implement and update as necessary a comprehensive city-wide Recycling Plan ("Plan") for the City of Detroit that provides for the capture of the City's waste stream prior to disposal. The Plan shall be submitted to City Council for approval before implementation. City Council shall enact any ordinances necessary to achieve the objectives of the Plan and this section.

The Plan shall provide for and encourage materials recovery, composting and other methods of recycling. In determining any recycling methods for inclusion in the Plan, the Department shall consider all relevant factors, including cost. The recycling methods contained in the Plan shall be regularly assessed and evaluated for the purpose of continued inclusion in the Plan, and the Plan shall be periodically updated to reflect the growth and change in recycling methods. All Plan revisions must be approved by City Council prior to implementation. The Department shall annually provide a comprehensive written update to City Council on the Plan's activities, programs, accomplishments and challenges, the Department's effectiveness in meeting the objectives of the Plan and any ordinances or resources required to effectuate the Plan.

Any recycling efforts or programs of the Department existing at the time of the adoption of this Charter may be incorporated into the Plan.





Detroit Recycles: Partners & Programming

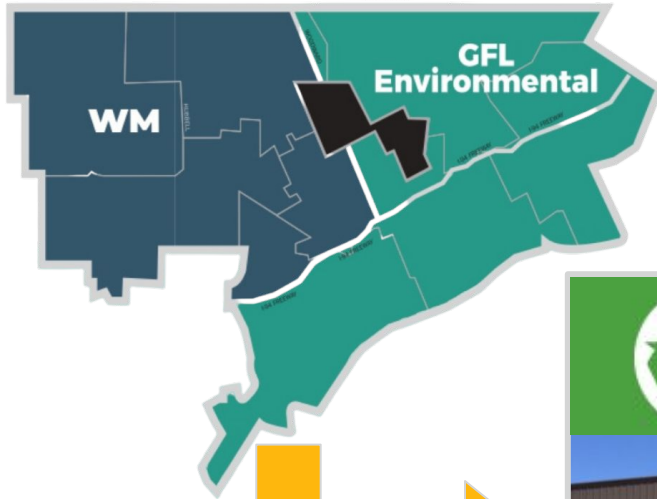


Detroit's Recycling Partners



Detroit's Recycling Partners

Curbside Residential



Commercial Customers



Detroit Recycles - Acceptable Materials



Cardboard



Paper



Glass Containers



Hard Plastics (#1-7)



Metal Cans

Detroit's Recycling Programs



Curbside Recycling Participation



City Parks and Public Spaces



Municipal Buildings



Commercial Customers



36 Commercial Customers

★ 134% commercial tonnage increase in 2022

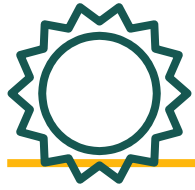




84 Municipal Buildings



Rackham City Golf Course



14 City Parks + 7 by 2024



Keep It Clean!
Recycle your cans & bottles here.



RECYCLE
BOTTLE AND CANS ONLY



DetroitRecycles.org

★ Grant funded EV Trucks and Electric Utility Vehicles to service





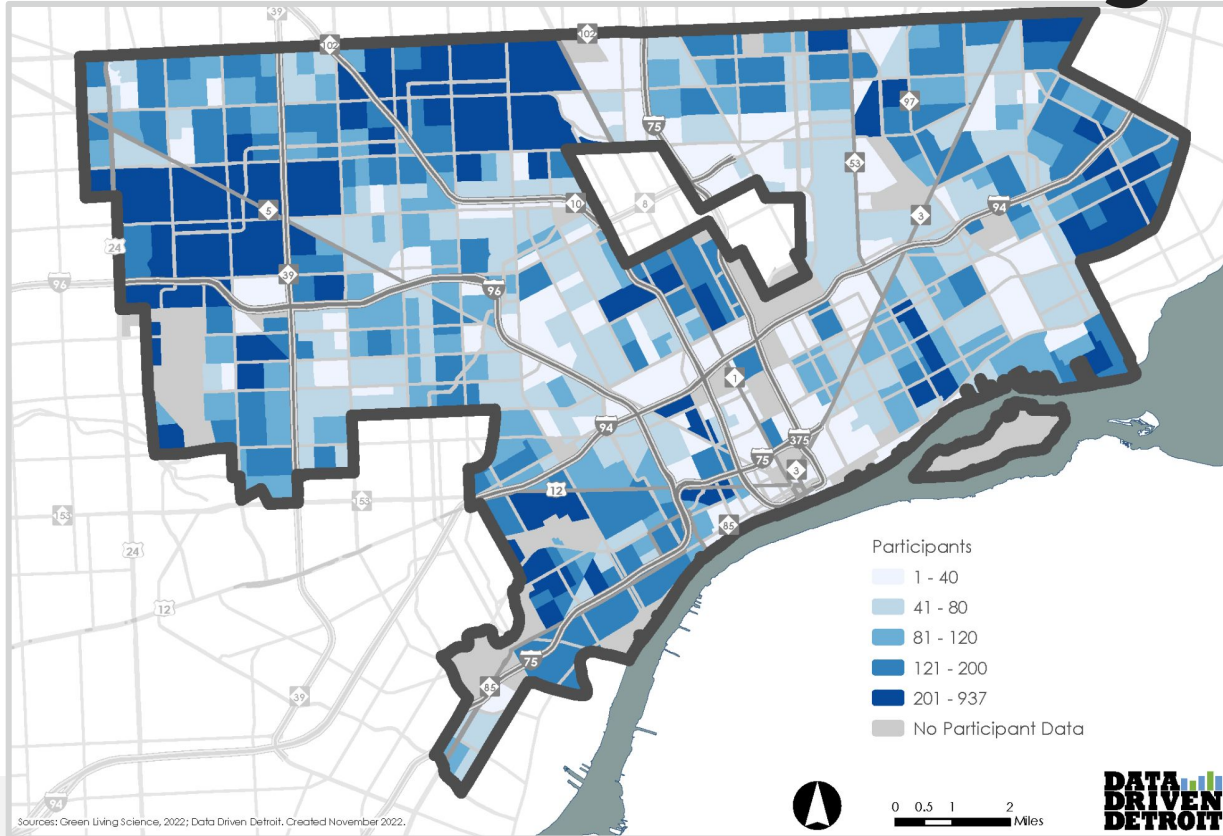
39% Curbside Recycling

★ Over 7,000 new carts per year on average





39% Curbside Recycling



Priorities & Guiding Stars



Access and Equity

- ★ Curbside, Commercial, Multifamily, Public Spaces, Organics
- ★ Education & Awareness
- ★ Accountability & Transparency

Circular Economy

- ★ Food waste (compost & source reduction) explore the City's role
- ★ Hard to Recycle Materials
- ★ Data Collection & Analysis





Detroit Recycles Expansion

- Expand **curbside participation**
 - Opt-Out Pilot
- Increase **commercial** recycling collection
- Improve **multifamily** recycling
- Improve recycling in **public spaces**
- Explore improving our **services downtown**
- Enhance our **data** collection & analysis
- Reinforce **education** at every turn





DPW's Upcoming Priorities

- Establish a foundation for a **zero waste future**
 - Upcoming planning process
- Explore **composting** opportunities
 - DPW to support decentralized composting and assist in providing convenient and effective food waste reduction services
 - Work with BSEED and the Land Based Projects Team
- Expand diversion of other waste types
 - Construction, demolition, wood (trees), mattresses
- Hauler accountability



Let's Connect

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