

MEGA DATA PHASE ONE: Municipality

Michigan is in the process of transforming its Solid Waste Management Program to include ALL managed materials. The state is working toward the highest and best use practices for materials including, but not limited to, recyclables, organics, and solid wastes. As Michigan transitions to this new phase of Materials Management, the state is looking to gather more comprehensive data on the current status of materials management infrastructure; this will allow us, in the future, to determine gaps and challenges at a local level, as well as plan for the future. The first step is called Mega Data!

HOW IS MUNICIPAL DATA BEING COLLECTED?

The Department of Environment, Great Lakes, and Energy (EGLE) is using a robust and accessible materials management program analysis and planning tool called the Municipal Measurement Program™, developed by Emerge Knowledge and nicknamed the eMMP.



Data provides the backbone to the materials management framework and planning in the state. Investing in data collection now is necessary to make informed decisions for the future and allow the state to move forward regarding materials management and recycling.

The eMMP's core surveys have been designed to streamline your reporting experience. Depending on how you respond to certain questions, additional questions and sections may become available to you; questions that do not apply to your municipality will be hidden.

Municipalities will complete the three core eMMP surveys:

- 1 The **About Your Municipality** survey collects general demographic information about your municipality and information about your education and outreach programs.
- 2 The **Residential Curbside Program Assessment** survey collects information about the curbside programs available to residents in your municipality, including municipal solid waste (MSW), single-family recycling, multi-family recycling, and organics collection.
- 3 The **Residential Drop-Off Assessment** survey collects information about the drop-off sites operated by your municipality, including MSW, recycling, source separated organics, household hazardous waste, scrap tires, electronic waste, construction and demolition, and scrap metal / white goods.

HOW WILL YOUR DATA HELP?

- It will support preparation of community planning and identify opportunities to improve programs.
- It will help to measure goals and aid in contract negotiations.
- It will provide a baseline for County Materials Management Plans and identify opportunities for regional collaboration.

BENEFITS OF PARTICIPATING IN THE PROGRAM



Participation Is Easy and Free

The program is free to join, and most municipalities complete the program assessment surveys within 90 minutes.



Benchmark Results

Compare your municipal program performance to county, state, or national averages.



Standardize Surveys

Optimized to streamline data entry, the program assessment surveys are standardized to facilitate consistent measurement.



Improve Programs

Turn insights into action by generating the program recommendations report. Discover new ways to improve program performance.



Monitor Year-Over-Year Performance

Measure the effect that new programs or initiatives have on annual performance.



Support County Planning

Data entered into the program will be available to counties/regions to develop their future Materials Management Plan.

ACCESS POWERFUL ANALYTICS



Program Recommendations



Economic Benefits of Recycling



Environmental Benefits



Tonnage Analysis



Program Performance Benchmarking



Annual Trend



Lbs Per Household



Annual Diversion Rate

YOUR PARTICIPATION MOVES MICHIGAN FORWARD

We encourage all municipalities that run materials management programs to join the eMMP to measure program performance, benchmark results, and discover opportunities to improve programs. Participation is free, and most participants complete the program assessment surveys within 90 minutes. Your participation is needed to help move Michigan forward in this Materials Management shift.

Join the eMMP by completing this [application form](#).

To learn more about the Mega Data Project, please visit: Michigan.gov/EGLEMegaData.

To learn more about the eMMP, check out the [quick introduction video](#).