

MACOMB COUNTY

PROFILE | FEBRUARY 2023



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

OVERVIEW

Michigan Department of Environment, Great Lakes, and Energy (EGLE) has shifted their focus from disposal as the primary effort towards a circular economy where all waste materials find their highest and best use. Michigan took its first steps towards materials management a few years ago by securing funding to support an economy that reuses and recycles resources. An important component of that funding is for Solid Waste Management Planning – also referred to as Materials Management Planning. Materials management plans form the foundation of the changes the state is preparing to make.

To support this new era of materials management and future planning activities, EGLE initiated a massive data collection project to document and inventory the current state of materials management systems in all municipalities within Michigan's 83 counties. The primary objective of the Michigan Materials Management Infrastructure and Program project, also known as Mega Data, is to provide the baseline of data necessary for counties to develop future materials management plans and provide a roadmap for materials management moving forward. The data collected through the project would also be applied to the Benchmark Recycling Standard analysis developed by EGLE to help understand access to recycling services in the state, where gaps exist, and where EGLE may focus their support to improve access and infrastructure in the state.

EGLE contracted with Resource Recycling Systems (RRS) to support this large undertaking to gather, compile and analyze information from across the state.

PURPOSE OF THE COUNTY PROFILE

The County Profile was developed for two purposes. First, the profiles provided the opportunity to summarize all the information collected for all 83 counties and their municipalities to date as a project milestone. Second, despite the extensive research and information collection, RRS acknowledges that the information presented here may be incomplete. The County Profiles offered the opportunity for each county to review, edit and add to their county's profile information before finalizing as a deliverable for the Mega Data project. Later in the process, EGLE added the review of the County Profile as a requirement of the Materials Management County Engagement Grants (MMCE).

COUNTY PROFILE DEVELOPMENT

The County Profiles contain information that reflects research and outreach to understand programs and services available at the county and municipal levels. The information summarized here corresponds to information required in the state's Solid Waste Management Plan format and will assist counties and designated planning agencies with plan development. This profile focuses on residential programs and services. The information for the Profiles was collected from the following sources:

- Approved Solid Waste Management Plans
- EGLE's Waste Data System (WDS)
- EGLE's Recycle Search tool
- EGLE's Recycling Specialist staff
- Interviews with County program coordinators and designated planning agents
- County Run Measurement Program Survey via ReTRAC
- Municipal Measurement Program Survey via ReTRAC
- Information obtained through Freedom of Information Act requests
- Direct outreach through phone calls, emails, and letters to all target audiences and related groups or organizations with access to target audiences
- Web research
- Participation by Counties in the MMCE Grant Program

DISCLAIMER

This information presented here was gathered and compiled over several years by RRS on behalf of EGLE for the Mega Data project. The profile was originally developed as a tool to summarize information collected and engage counties in review of the information

for finalization. The profile is not intended for use as a reference guide for residents or purposes other than to provide counties with information to support future materials management planning. Information, programs, and services can change frequently and therefore information presented here may be out of date. If information has been omitted or requires update, please contact RRS at alynott@recycle.com.

ACCESS AND COLLECTION

COUNTY PROGRAM OVERVIEW

Macomb County offers household hazardous waste drop-off events for residents managed by the Macomb County Health Department.

MUNICIPAL PROGRAM AND SERVICES OVERVIEW

Programs and services offered or provided by municipalities for their residents are summarized by material type and then in two tables. One table features curbside services, and the other table features drop-off services.

TRASH

Most of the county's population has access to curbside trash collection through contracted haulers. The remainder of the county is most likely served by the open market where residents make their own arrangements for trash collection, also known as subscription services. Three communities provide residents with access to drop-off trash services.

RECYCLING

Almost all communities that provide access to curbside trash collection through contracted haulers also provide access to curbside recycling collection. Recyclables collected curbside through these haulers include paper, cardboard, glass, mixed plastics, metal cans and scrap. All residents can access drop-off recycling services through Great Lakes Recycling (GLR) Recycling Drop-off Center, which accepts similar materials to the curbside programs. Several community-specific or private transfer stations are also available to residents of select communities.

YARD WASTE

Common yard waste materials, such as brush and leaves, can be collected curbside in about 59% of communities through contracted haulers. About 10% of communities provide curbside yard waste collection through municipal haulers. Yard waste materials from residents are also accepted at the City of Warren Sanitation Division Recycling Center.

HOUSEHOLD HAZARDOUS WASTE

All county residents can utilize household hazardous waste collection services through the Macomb County Health Department events. These events accept automotive fluids, motor oil, lawn chemicals, and household cleaners.

OTHER

No information obtained about Other programs.

LIST OF ACTIVE HAULERS

- Waste Management
- GFL Environmental
- Emterra Environmental USA
- Priority Waste
- Subscription
- Municipal

CURBSIDE SERVICES BY COMMUNITY

| MUNICIPALITY NAME | TRASH COLLECTOR | RECYCLING COLLECTOR | YARD WASTE COLLECTOR | OTHER CURBSIDE SERVICES |
|---------------------------|--|--|--|-------------------------|
| Armada village | | | Armada Village DPW | |
| Center Line city | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Chesterfield township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Clinton charter township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Eastpointe city | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Fraser city | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Harrison charter township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Macomb township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Memphis city (part) | Emterra Environmental USA | Emterra Environmental USA | | |
| Mount Clemens city | Mount Clemens Street & Sanitation Department | Mount Clemens Street & Sanitation Department | Mount Clemens Street & Sanitation Department | |
| New Baltimore city | Priority Waste | Priority Waste | Priority Waste | |
| New Haven village | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Ray township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | | |
| Armada township | | | | |
| Bruce township | Subscription | | | |
| Lenox township | Waste Management Inc. | Waste Management Inc. | | |

| | | | | |
|--|---|---|---|--|
| Washington township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | | |
| Richmond city (part) | Waste Management Inc. | Waste Management Inc. | Waste Management Inc. | |
| Richmond township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | | |
| Romeo village (part) | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Romeo village (part) | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Roseville city | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Shelby charter township | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| St. Clair Shores city | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Sterling Heights city | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | |
| Utica city | Priority Waste | Priority Waste | Priority Waste | |
| Village of Grosse Pointe Shores city (part) | Green for Life (GFL) Environmental USA | Green for Life (GFL) Environmental USA | Village of Grosse Pointe Shores Yard Waste Collection | |
| Warren city | City of Warren – Sanitation Division | City of Warren Sanitation | City of Warren Sanitation Department | |

DROP-OFF SERVICES BY COMMUNITY

| MUNICIPALITY NAME | TRASH DROP-OFF SERVICES (PERMANENT) | RECYCLING DROP- OFF SERVICES (PERMANENT) | YARD WASTE OR OTHER ORGANICS DROP-OFF (PERMANENT) | OTHER PERMANENT DROP-OFF SERVICES | TEMPORARY DROP- OFF SERVICES |
|----------------------|---|--|--|--|------------------------------------|
| Armada village | Armada Township Transfer Site | Armada Township Transfer Site | | | Macomb County Health Department |
| Center Line city | | Great Lakes Recycling (GLR) | | | Macomb County Health Department |

| | | | | | |
|---------------------------|--|---|--|--|---------------------------------|
| | | Recycling Drop-off Center | | | |
| Chesterfield township | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Clinton charter township | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Eastpointe city | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Fraser city | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Harrison charter township | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Macomb township | | WM Pine Tree Acres Landfill | | | Macomb County Health Department |
| Memphis city (part) | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Mount Clemens city | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| New Baltimore city | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| New Haven village | | WM Pine Tree Acres Landfill | | | Macomb County Health Department |

| | | | | | |
|-------------------------|-------------------------------|---|--|--|---------------------------------|
| Ray township | | Ray Township Transfer Station | | | Macomb County Health Department |
| Armada township | Armada Township Transfer Site | Armada Township Transfer Site | | | Macomb County Health Department |
| Bruce township | | Bruce Township Recycling Drop-off | | | Macomb County Health Department |
| Lenox township | | WM Pine Tree Acres Landfill | | | Macomb County Health Department |
| Washington township | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Richmond city (part) | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Richmond township | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Romeo village (part) | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Romeo village (part) | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Roseville city | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Shelby charter township | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| St. Clair Shores city | St. Clair Shores DPW | Great Lakes Recycling (GLR) | | | Macomb County Health Department |

| | | | | | |
|---|---|---|---|--|---------------------------------|
| | | Recycling Drop-off Center | | | |
| Sterling Heights city | | Sterling Heights Recycling Drop-off Center | | | Macomb County Health Department |
| Utica city | | Great Lakes Recycling (GLR) Recycling Drop-off Center | | | Macomb County Health Department |
| Village of Grosse Pointe Shores city (part) | | Wayne County Department of Public Services | | | Macomb County Health Department |
| Warren city | City of Warren – Sanitation Division – Recycling Center | Great Lakes Recycling (GLR) Recycling Drop-off Center | City of Warren Sanitation Division Recycling Center | | Macomb County Health Department |

FACILITIES

MATERIALS MANAGEMENT FACILITIES IN COUNTY

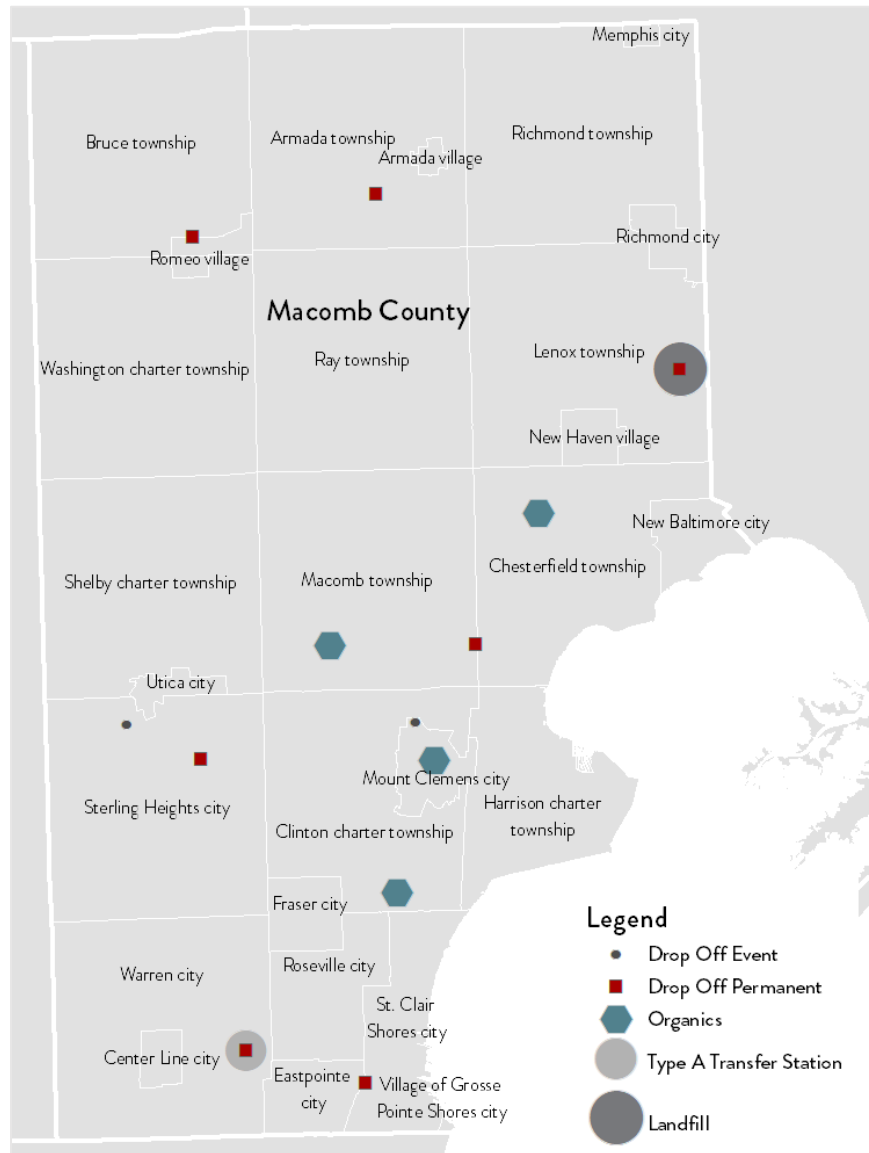
FACILITY SUMMARY TABLE

| FACILITY TYPE | FACILITY NAME | FACILITY ADDRESS | CITY | PERMANENT OR TEMPORARY |
|-----------------------------|---------------------------------------|-------------------------|------------------|------------------------|
| Compost | BSC INVESTMENTS LLC | 110 NEW ST | MOUNT CLEMENS | |
| Compost (Yard Waste) | J & W Tree Artisans Inc. | 54445 Bates Rd | Chesterfield | |
| Compost (Yard Waste) | Ray Wiegand's Nursery - Macomb | 47747 Romeo Plank Rd | Macomb Township | |
| Compost (Yard Waste) | UNI-DIG, Inc. | 21600 QUINN RD | Clinton Township | |
| Drop-off (B, T) | Armada Township Transfer Station | 21327 Armada Ridge Road | Armada | Permanent Drop-off |
| Drop-off (T) | Bruce Township Recycling Drop Off | 223 East Gates | Romeo | Permanent Drop-off |
| Drop-off (B) | City of St. Clair Shores DPW Drop Off | 19700 Pleasant st | St. Clair Shores | Permanent Drop-off |

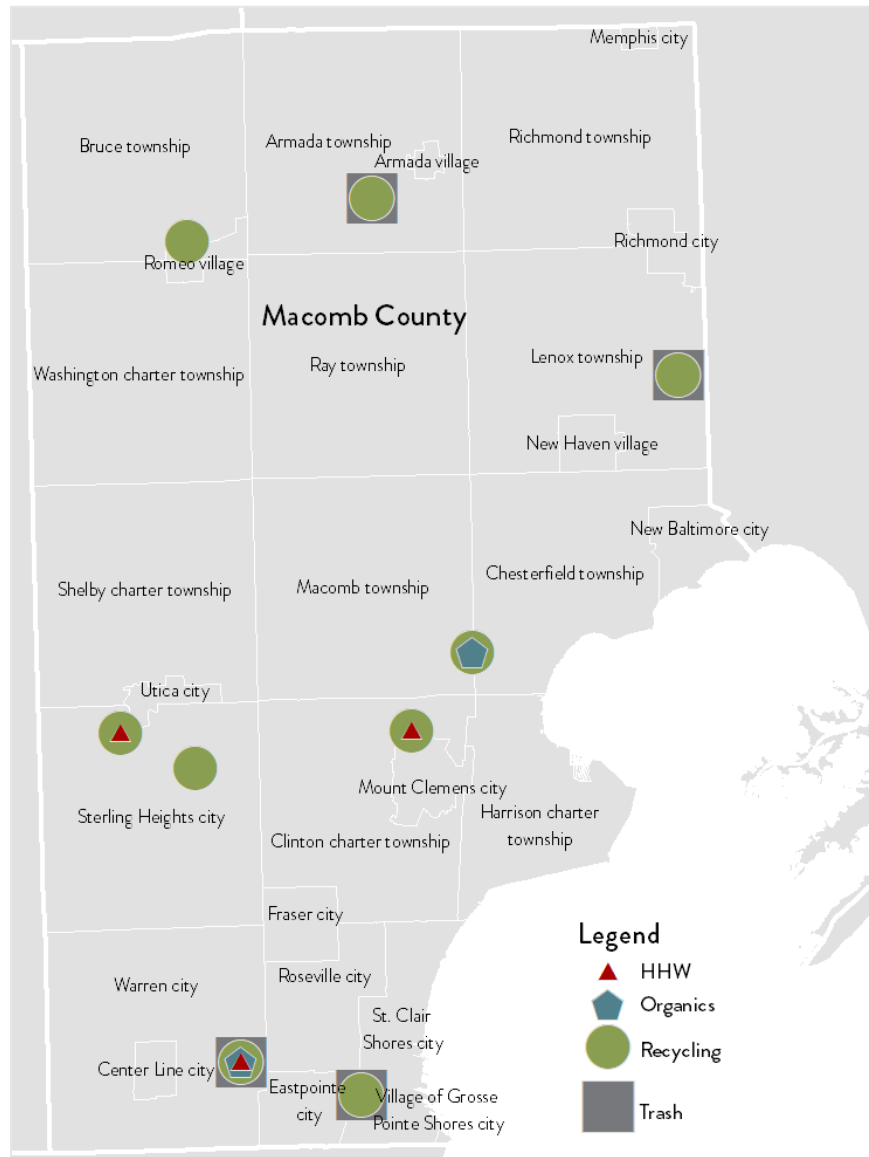
| | | | | |
|--|---|------------------------------------|------------------|--------------------|
| Drop-off (WDC) | City of Sterling Heights Household Hazardous Waste Collection | 5700 22 Mile Road | Sterling Heights | Temporary Drop-off |
| Drop-off (B, T, NT, C&D, O) | City Of Warren – Recycling Center | 25601 Flanders Avenue | Warren | Permanent Drop-off |
| Drop-off (WDC) | Macomb County Household Hazardous Waste Collection | 43525 Elizabeth Street | Mount Clemens | Temporary Drop-off |
| Drop-off (O) | Mid-Michigan Recycling Center - Macomb | 24935 21 Mile Road | Macomb | Permanent Drop-off |
| Drop-off (B, T, C&D) | Pine Tree Acres Landfill | 36600 29 Mile Road | Lenox | Permanent Drop-off |
| Drop-off (T) | Sterling Heights Recycling Drop Off Center | 12260 Clinton River Road | Sterling Heights | Permanent Drop-off |
| Transfer Station – Type A | City of Warren – Sanitation Division – Recycling Center | 25601 Flanders Avenue | Warren | |
| Landfill | Pine Tree Acres Landfill | 36600 29 Mile Road | Lenox | |
| End Market | PFA Recycling - New Baltimore | 50150 E Russell Schmidt Blvd #2443 | New Baltimore | |

Drop-off Facility Types: B = Transfer Station Type B; C&D = Construction & Demolition; NT = Source-Separated Recycling Drop-off Non-Traditional; T = Source-Separated Recycling Traditional; O = Organics; WDC = Waste Diversion Center

FACILITY SUMMARY MAP



FACILITY BY MATERIAL TYPE



POLICY

MUNICIPAL ORDINANCES

| Municipality | Policy type | Requirement |
|----------------------------------|-------------|---|
| Center Line city | Ordinance | Proper Storage and Disposal of Refuse, City Managed Refuse Collection |
| Chesterfield township | Ordinance | Weekly Recycling Collection |
| Eastpointe city | Ordinance | Proper Storage and Disposal of Refuse, City Managed Refuse Collection |
| Lenox township | Ordinance | Fees for Solid Waste Disposal within Landfills |
| Macomb township | Ordinance | Proper Storage and Disposal of Refuse, City Managed Refuse Collection |
| Memphis city (part) | Ordinance | Establishment of Yard Waste Burning Dates; Proper Storage and Disposal of Refuse, City Managed Refuse Collection; Establishment of Yard Waste Burning Dates |
| Mount Clemens city | Ordinance | Proper Storage and Disposal of Refuse, License Required for Waste Haulers |
| New Baltimore city | Ordinance | Proper Storage and Disposal of Refuse, City Managed Refuse Collection |
| Ray township | Ordinance | Weekly Recycling Collection |
| Remainder of Washington township | Ordinance | Proper Storage and Disposal of Refuse, City Managed Refuse Collection |
| Richmond city | Ordinance | Proper Storage and Disposal of Refuse, City Managed Refuse Collection |
| Richmond township | Ordinance | Proper Storage and Disposal of Refuse, Standards for Trash Storage Areas, Licensing for Landfills |
| Roseville city | Ordinance | City Managed Refuse Collection |
| Shelby charter township | Ordinance | Proper Storage and Disposal of Refuse, License |
| St. Clair Shores city | Ordinance | Proper Storage and Disposal of Refuse |
| Utica city | Ordinance | Recycling Mandated |

MUNICIPAL FUNDING MECHANISMS

| Municipality | Waste Collection | Recycling Collection | Organics Collection | Bulky Item Collection |
|--------------|------------------|----------------------|---------------------|-----------------------|
|--------------|------------------|----------------------|---------------------|-----------------------|

| | | | | |
|------------------------------|-----------------------------------|---------------------------------|--|--|
| Sterling Heights city | Legislatively Authorized Millages | Funding not specified | | |
| Fraser city | Legislatively Authorized Millages | Municipal Utility/ Service Fees | | |
| Chesterfield township | Municipal Utility/ Service Fees | | | |
| Utica city | Special Assessment | | | |

COUNTY ORDINANCES

No county ordinances obtained.

COUNTY FUNDING MECHANISMS

Macomb County’s household hazardous waste program is primarily funded with general county funds, along with funding from the Clean Sweep program to help pay for the disposal of pesticides and insecticides.

DATA

REPORTED DATA

No reported data.

RESIDENTIAL WASTE PROJECTIONS

| Municipality | Population | Total Waste Generation (Tons) ¹ | Total Recyclable Diversion (Tons) | Total Organics Diversion (Tons) | Total Requiring Disposal (Tons) |
|--------------------------------------|----------------|--|-----------------------------------|---------------------------------|---------------------------------|
| Armada township | 3,336 | 1,512 | 108 | 127 | 1,276 |
| Armada village | 2,179 | 988 | 71 | 83 | 834 |
| Bruce township | 7,330 | 3,322 | 238 | 279 | 2,805 |
| Center Line city | 8,212 | 4,100 | 645 | 313 | 3,142 |
| Chesterfield township | 46,010 | 22,974 | 3,614 | 1,754 | 17,605 |
| Clinton charter township | 100,328 | 50,095 | 7,881 | 3,825 | 38,390 |
| Eastpointe city | 32,221 | 16,088 | 2,531 | 1,228 | 12,329 |
| Fraser city | 14,503 | 7,242 | 1,139 | 553 | 5,549 |
| Harrison charter township | 24,934 | 12,450 | 1,959 | 951 | 9,541 |
| Lenox township | 5,988 | 2,990 | 470 | 228 | 2,291 |
| Macomb township | 90,233 | 45,055 | 7,088 | 3,440 | 34,527 |
| Memphis city | 755 | 377 | 59 | 29 | 289 |
| Mount Clemens city | 16,212 | 8,095 | 1,274 | 618 | 6,203 |
| New Baltimore city | 12,333 | 6,158 | 969 | 470 | 4,719 |
| New Haven village | 4,856 | 2,425 | 381 | 185 | 1,858 |
| Ray township | 4,022 | 2,008 | 316 | 153 | 1,539 |
| Richmond city | 5,848 | 2,920 | 459 | 223 | 2,238 |
| Richmond township | 3,840 | 1,917 | 302 | 146 | 1,469 |
| Romeo village | 1,975 | 986 | 155 | 75 | 756 |
| Romeo village | 1,933 | 876 | 63 | 74 | 740 |
| Roseville city | 47,160 | 23,548 | 3,705 | 1,798 | 18,045 |
| Shelby charter township | 79,840 | 39,865 | 6,272 | 3,044 | 30,550 |
| St. Clair Shores city | 59,184 | 29,552 | 4,649 | 2,256 | 22,646 |
| Sterling Heights city | 132,296 | 62,856 | 7,191 | 5,043 | 50,622 |
| Utica city | 5,025 | 2,509 | 395 | 192 | 1,923 |
| Village of Grosse Pointe Shores city | 81 | 40 | 6 | 3 | 31 |
| Warren city | 134,188 | 67,002 | 10,541 | 5,115 | 51,346 |
| Washington charter township | 26,205 | 13,085 | 2,059 | 999 | 10,027 |
| TOTAL | 871,027 | 431,035 | 64,540 | 33,204 | 333,290 |

¹ Due to rounding, total waste generation tonnages may not equal the sum of the total diversion and disposal tonnages.

COMMERCIAL WASTE PROJECTIONS

| County | Approximate Number of Employees | Total Waste Generation (Tons) | Total Diversion (Tons) | Total Requiring Disposal (Tons) |
|--------|---------------------------------|-------------------------------|------------------------|---------------------------------|
| Macomb | 293,145 | 454,020 | 49,889 | 404,131 |

TOTAL WASTE GENERATED PROJECTIONS

| County | Total Waste Generation (Tons) ^{Error!} Bookmark not defined. | Total Diversion (Tons) | Total Requiring Disposal (Tons) |
|--------|--|------------------------|---------------------------------|
| Macomb | 885,054 | 147,633 | 737,421 |