

CHARLEVOIX 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

Charlevoix County offers residential drop-off recycling sites throughout the county. The county also provides household hazardous waste (HHW) drop-off events for residents twice annually, which usually take place in the fall and spring.

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

Charlevoix County's population has access to curbside trash collection through subscription haulers. About 32% of the county can drop off residential trash at municipally owned and operated transfer stations.

RECYCLING

There is currently no curbside recycling service available in Charlevoix County. However, the county offers six drop-off locations throughout the county for residents to recycle paper, glass, mixed plastics, and metals.

YARD WASTE

In the county, 35% of the population has access to curbside collection of common yard waste materials through municipal haulers. Several communities, covering 27% of the population, also host yard waste drop-off locations for their residents.

HOUSEHOLD HAZARDOUS WASTE

Charlevoix County provides its population with access to household hazardous waste (HHW) drop-off collection events twice per year. These events collect automotive fluids, motor oil, anti-freeze, mercury, batteries, paint, lawn chemicals, household cleaners, electronics, tube TVs, pharmaceuticals, fluorescent bulbs, and aerosol cans.

OTHER

No information obtained about Other programs.

LIST OF ACTIVE HAULERS

- GFL/American Waste
- Little Traverse Disposal
- Waste Management

CURBSIDE SERVICES BY COMMUNITY

MUNICIPALITY NAME	TRASH COLLECTOR	RECYCLING COLLECTOR	YARD WASTE COLLECTOR	OTHER CURBSIDE SERVICES
Advance CDP				
Bay Shore CDP				
Boyne City city	Subscription		City of Boyne City	
Boyne Falls village				
Chandler township				
Charlevoix city	Subscription		City of Charlevoix	
Charlevoix township				
East Jordan city			City of East Jordan	
Evangeline township				
Horton Bay CDP				
Hudson township				
Ironton CDP				
Marion township				
Norwood CDP				
Peaine township				
Bay township				
Boyne Valley township				
Eveline township				
Hayes township				
Melrose township				
Norwood township				

St. James township				
South Arm township				
St. James CDP				
Walloon Lake CDP				
Wilson township				

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
Advance CDP		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Bay Shore CDP		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Boyne City city		Charlevoix County Recycling	Boyne City Composting Site		Charlevoix County Hazardous Waste Events
Boyne Falls village		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Chandler township	Melrose Township Transfer Station	Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Charlevoix city		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events

Charlevoix township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
East Jordan city		Charlevoix County Recycling	Bartlett Street Recycling Site		Charlevoix County Hazardous Waste Events
Evangeline township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Horton Bay CDP		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Hudson township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Ironton CDP		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Marion township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Norwood CDP		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Peaine township	Beaver Island Transfer Station	Charlevoix County Recycling	Beaver Island Transfer Station		Charlevoix County Hazardous Waste Events
Bay township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Boyne Valley township	Boyne Valley Township Transfer Station	Charlevoix County Recycling			Charlevoix County Hazardous Waste Events

Eveline township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Hayes township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Melrose township	Melrose Township Transfer Station	Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Norwood township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
St. James township	Beaver Island Transfer Station	Charlevoix County Recycling	Beaver Island Transfer Station		Charlevoix County Hazardous Waste Events
South Arm township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
St. James CDP	Beaver Island Transfer Station	Charlevoix County Recycling	Beaver Island Transfer Station		Charlevoix County Hazardous Waste Events
Walloon Lake CDP	Melrose Township Transfer Station	Charlevoix County Recycling			Charlevoix County Hazardous Waste Events
Wilson township		Charlevoix County Recycling			Charlevoix County Hazardous Waste Events

FACILITIES

MATERIALS MANAGEMENT FACILITIES IN COUNTY

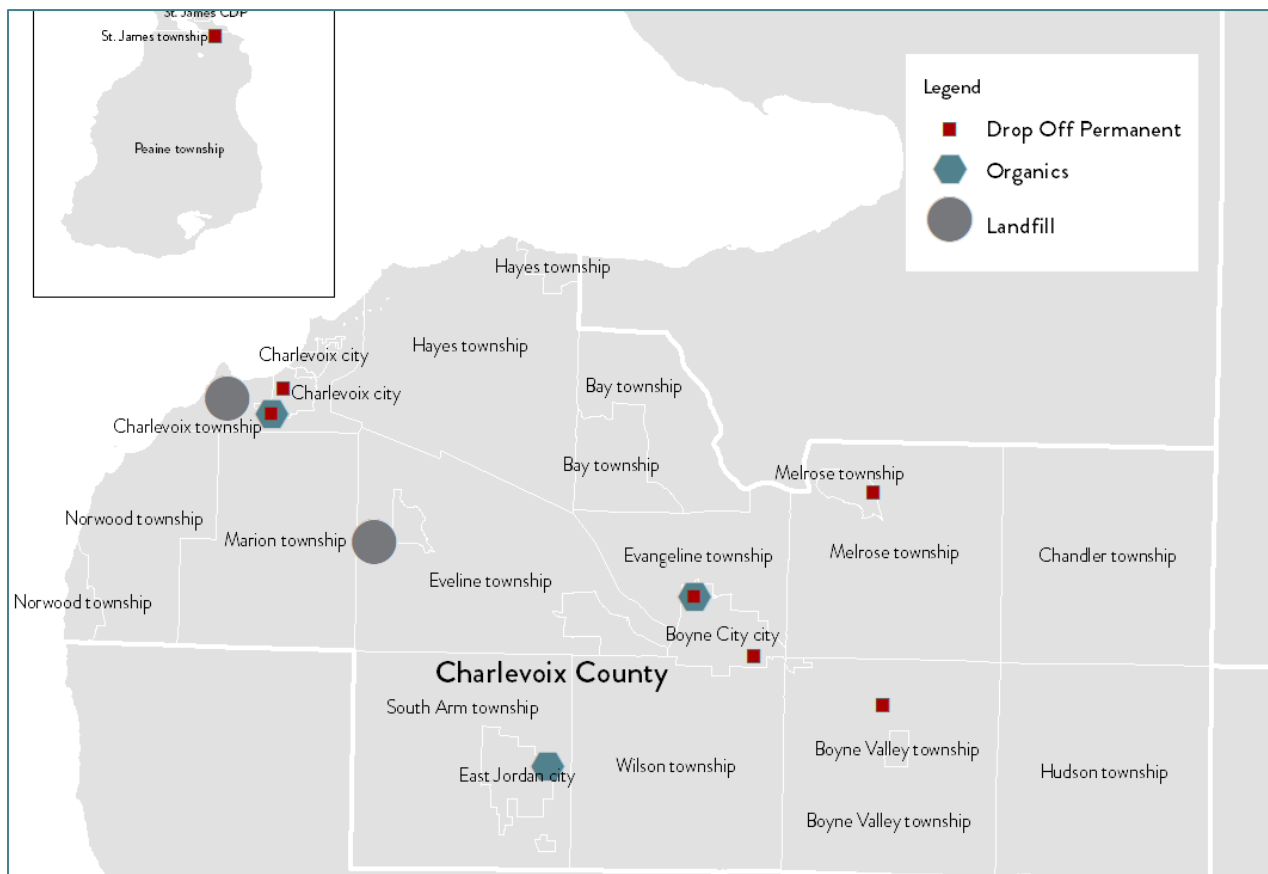
FACILITY SUMMARY TABLE

FACILITY TYPE	FACILITY NAME	FACILITY ADDRESS	CITY	PERMANENT OR TEMPORARY
Compost (Yard Waste)	Boyne City- North Boyne Yard	1321 ROBINSON ST	Boyne City	
Compost (Yard Waste)	City of Charlevoix Stump-Composting Area	6894 S US HIGHWAY 31	Charlevoix	
Compost	City of East Jordan Transfer Station East	700 Nichols Street	East Jordan	
Drop-off (B, T, O, NT, C&D, WDC)	Beaver Island Transfer Station and Recycling Center	36770 East Side Drive	Beaver Island	Permanent Drop-off
Drop-off (O)	Boyne City - North Boyne Yard	1321 ROBINSON ST	Boyne	Permanent Drop-off
Drop-off (B)	Boyne Valley Township Transfer Station	1408 S. Addis Rd	Boyne Falls	Permanent Drop-off
Drop-off (T, NT)	Charlevoix County Recycling - Boyne City	1251 Boyne Avenue	Boyne City	Permanent Drop-off
Drop-off (T, NT)	Charlevoix County Recycling - Boyne Valley Township	1408 South Addis Road	Boyne Falls	Permanent Drop-off
Drop-off (T, NT)	Charlevoix County Recycling - Charlevoix City	1030 Grant Street	Charlevoix	Permanent Drop-off
Drop-off (O)	City of Charlevoix Stump-Composting Area	6894 S US HIGHWAY 31	Charlevoix	Permanent Drop-off

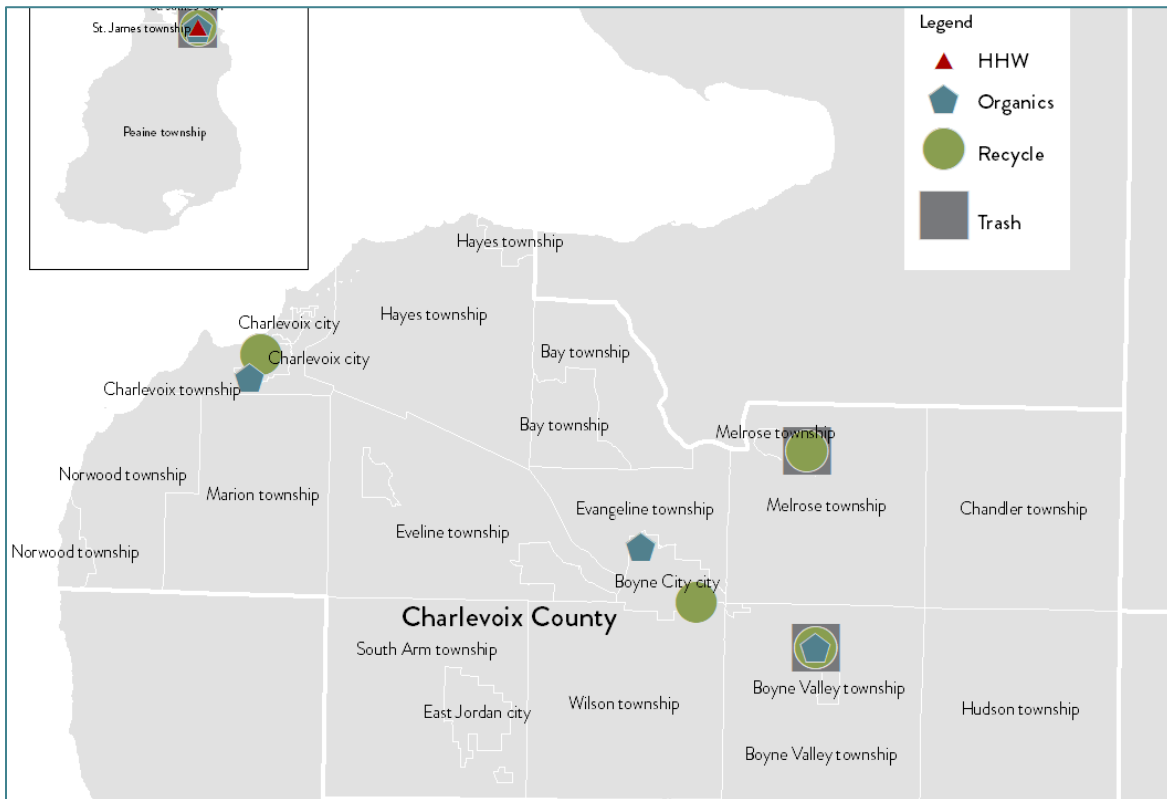
Drop-off (B, NT)	Melrose Township Transfer Station	4449 State St	Boyne Falls	Permanent Drop-off
Landfill	Cedar Ridge Recycling & Disposal Facility	11633 Saunders Rd	East Jordan	
Landfill	St Marys Cement US Llc	16000 Bells Bay Rd	Charlevoix	
End Market	East Jordan Plastics - East Jordan	6400 M-32 Highway	East Jordan	

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
East Jordan city	Ordinance	Mandated Collection of Refuse

FUNDING MECHANISMS

No funding mechanisms obtained.

COUNTY ORDINANCES

No county ordinances obtained.

COUNTY FUNDING MECHANISM

County	Type	Additional Information
Charlevoix County	Millage	.15 mills placed on property taxes

DATA

REPORTED DATA

Charlevoix County tracks data from the recycling drop-off sites.

RESIDENTIAL WASTE PROJECTIONS

Municipality	Population	Total Waste Generation (Tons) ¹	Total Recyclable Diversion (Tons)	Total Organics Diversion (Tons)	Total Requiring Disposal (Tons)
Advance CDP	372	169	12	14	142
Bay Shore CDP	524	237	17	20	201
Bay township	586	266	19	22	224
Boyne City city	3,721	1,686	121	142	1,424
Boyne Falls village	343	155	11	13	131
Boyne Valley township	1,013	459	33	39	388
Chandler township	255	116	8	10	98
Charlevoix city	2,467	1,118	80	94	944
Charlevoix township	1,780	807	58	68	681
East Jordan city	2,133	967	69	81	816
Evangeline township	776	352	25	30	297
Eveline township	1,074	487	35	41	411
Hayes township	1,260	571	41	48	482
Horton Bay CDP	450	204	15	17	172
Hudson township	730	331	24	28	279
Ironton CDP	114	52	4	4	44
Marion township	1,774	804	58	68	679
Melrose township	1,095	496	36	42	419
Norwood CDP	156	71	5	6	60
Norwood township	581	263	19	22	222
Peaine township	259	117	8	10	99
South Arm township	2,014	913	65	77	771
St. James CDP	211	96	7	8	81
St. James township	108	49	4	4	41
Walloon Lake CDP	310	140	10	12	119
Wilson township	2,091	948	68	80	800
TOTAL	26,197	11,873	850	999	10,024

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)
Charlevoix	6,334	13,202	1,078	12,125

TOTAL WASTE GENERATED PROJECTIONS

County	Total Waste Generation (Tons) ¹	Total Diversion (Tons)	Total Requiring Disposal (Tons)
Charlevoix	25,075	2,927	22,149