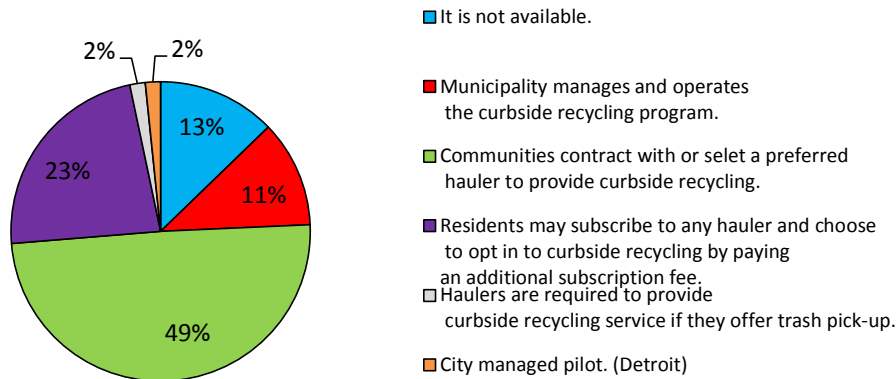


# Residential Recycling in Michigan Communities with more than 10,000 people.

Access to residential recycling opportunities and the funding mechanisms used to create the programs are diverse in Michigan. These survey results report on 6.5 million (65%) of Michigan's total population. These residents live in the largest 192 communities, all of which have a population over 10,000. Of the 6.5 million, forty-nine percent receive curbside recycling from a hauler contracted by the community.

**Michigan Communities with more than 10,000 People: How curbside is made available. (by population)**

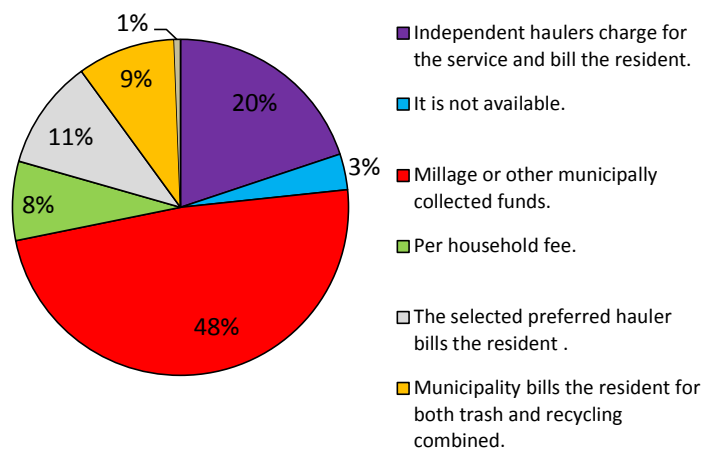


Eleven percent of the population is provided this service through the communities' municipality. Two percent of the population has curbside recycling provided to them through ordinance.

Twenty- three percent is provided curbside

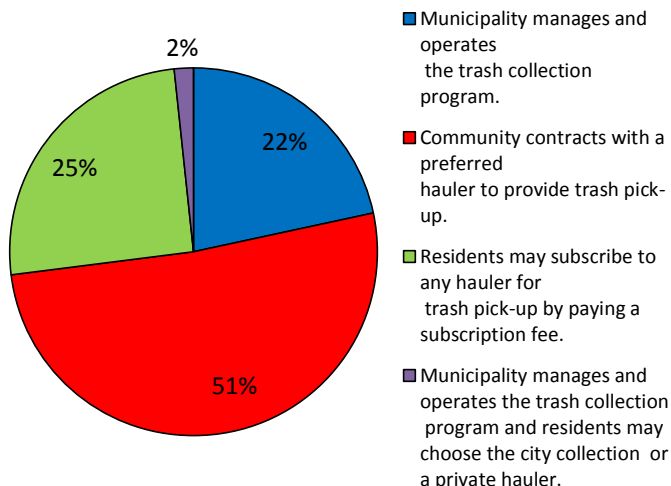
recycling if the resident chooses to individually contract with a hauler. Two percent of the population is provided curbside through a City managed pilot. Over two thirds of Michigan residents in the top one hundred communities are provided curbside recycling through contract, ordinance, or the municipality itself. Three percent of the population in these communities does not have any form of curbside recycling available.

**Michigan Communities with more than 10,000 People: How curbside is funded (by population)**



Of the communities that have access to curbside recycling forty-eight percent fund it through a millage or other municipally collected funds, and eight percent provide this service as a household fee. Twenty percent are charged by the independent hauler for the service. Eleven percent of residents have the selected hauler bill them. While nine percent are billed by the municipality for both trash and recycling. One percent of the population funds curbside through a Landfill Community Agreement.

**Michigan Communities with more than 10,000 people: How trash service is made available (by population)**

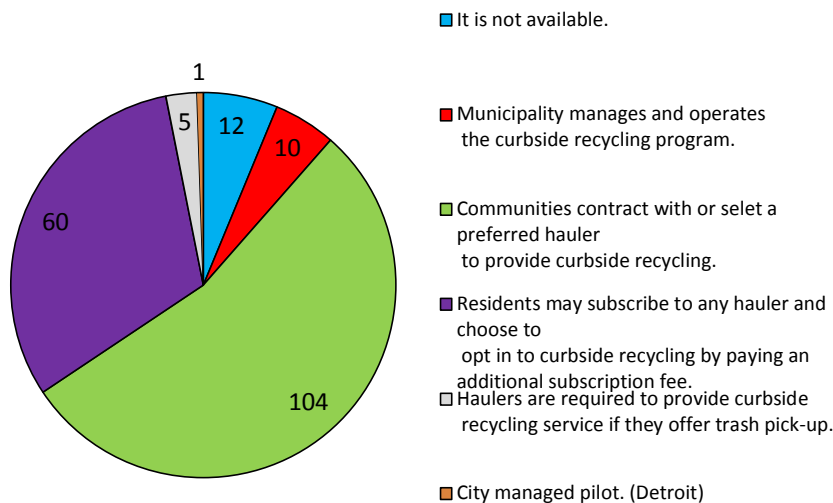


Communities were also asked how trash was provided. Twenty two percent have the municipality operate the trash program. Fifty-one percent of the communities select a preferred hauler for trash.

Twenty-five percent of residents subscribe to a trash hauler through a subscription. Two percent of the communities have a municipality that operates the trash collection program and residents may choose City collection or private hauler.

One hundred four of the one hundred and ninety-two communities contract with a hauler to provide

**Michigan Communities with more than 10,000 People: How curbside is made available. (by number of communities)**

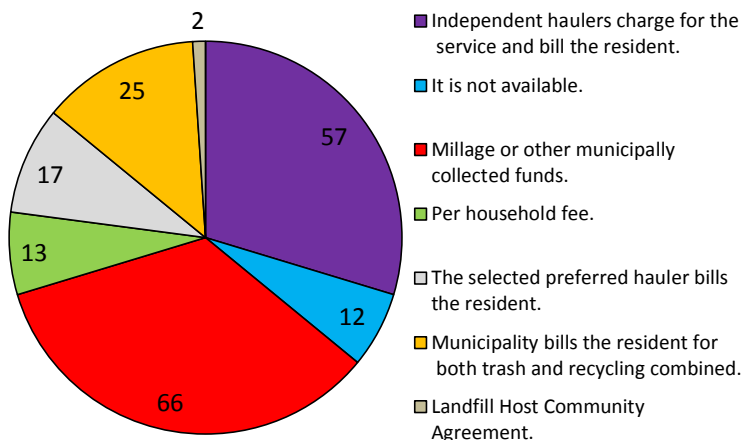


curbside recycling to residents. Ten of the communities operate the curbside recycling program themselves. Five of the communities provide recycling through ordinance. Sixty of the communities have curbside recycling available if the resident individually contracts a hauler to provide the service. Twelve of the communities do not have any form of curbside recycling

available.

Of the one hundred and ninety two communities sixty-six fund it through a millage or other municipally

**Michigan Communities with more than 10,000 People: How curbside is funded. (by number of communities)**

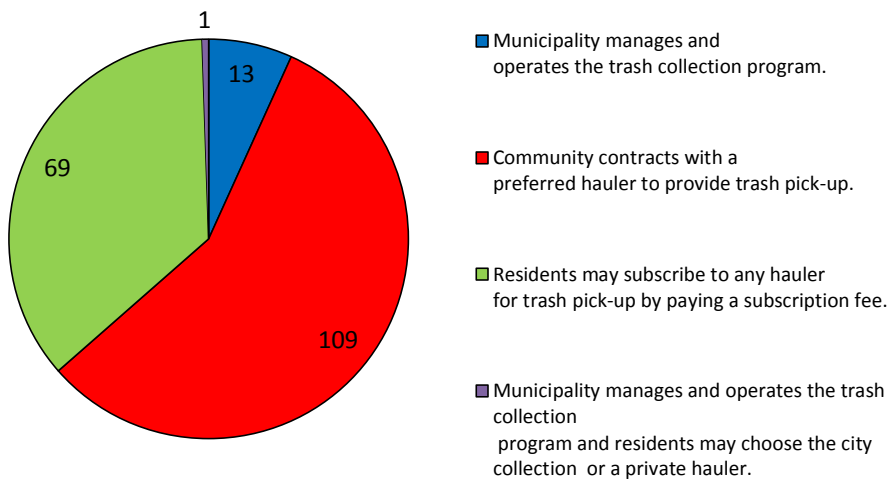


collected funds. Thirteen provide this service as a household fee. Fifty-seven communities have it where residents are charged by the independent hauler for the service. Seventeen communities have the selected hauler bill the resident. While twenty-five communities where residents are billed by the municipality for both trash and recycling. Two communities fund curbside through a Landfill Host Community Agreement.

Communities were also asked how trash was provided. Thirteen

communities have their municipality operate the trash program. One hundred nine of the communities select a preferred hauler for trash. Sixty-nine of the communities requires residents to subscribe to a trash hauler through a subscription. Once community has a municipality that operates the trash collection program and residents may choose the City collection or a private hauler.

**Michigan Communities with more than 10,000 people: How trash service is made available. (by number of communities)**



City	Population	How curbside recycling is made available to all households of four units or less. (Key Below).	How curbside recycling for households of four units or less is funded. (Key Below).	How trash service is made available to households of four units or less. (Key Below).
Detroit	713,777	City Managed Pilot	Millage	Municipally Managed
Grand Rapids	188,040	Municipally Managed	Millage	Municipally Managed
Warren	134,056	Municipally Managed	Millage	Municipally Managed
Sterling Heights	129,699	Subscribe	Selected Hauler	Contracted
Ann Arbor	113,934	Municipally Managed	Millage	Municipally Managed
Lansing	109,563	Municipally Managed	Per Household Fee	Choice
Flint	102,434	Contracted	Per Household Fee	Contracted
Dearborn	98,153	Contracted	Millage	Contracted
Livonia	96,942	Contracted	Millage	Contracted
Clinton Charter Township	96,796	Contracted	Municipally Billed	Contracted
Canton Charter Township	90,173	Contracted	Millage	Contracted
Westland	84,094	Contracted	Millage	Contracted
Troy	80,980	Contracted	Millage	Contracted
Farmington Hills	79,740	Contracted	Per Household Fee	Contracted
Macomb Township	79,580	Contracted	Selected Hauler	Contracted
Kalamazoo	74,262	Contracted	Millage	Subscribe
Shelby Charter Township	73,804	Contracted	Selected Hauler	Contracted
Wyoming	72,125	Subscribe	Per Household Fee	Subscribe
Southfield	71,739	Contracted	Millage	Contracted
Waterford Charter Township	71,707	Subscribe	Independent Hauler	Subscribe
Rochester Hills	70,995	Contracted	Selected Hauler	Contracted
West Bloomfield Charter Township	64,690	Contracted	Selected Hauler	Contracted
Taylor	63,131	Contracted	Millage	Contracted
St. Clair Shores	59,715	Municipally Managed	Millage	Contracted
Pontiac	59,515	Subscribe	Independent Hauler	Contracted
Dearborn Heights	57,774	Contracted	Millage	Contracted
Royal Oak	57,236	Contracted	Millage	Contracted
Novi	55,224	Subscribe	Independent Hauler	Subscribe
Ypsilanti Charter Township	53,362	Contracted	Millage	Contracted
Battle Creek	52,347	Contracted	Municipally Billed	Contracted
Saginaw	51,508	Contracted	Municipally Billed	Contracted
Kentwood	48,707	Subscribe	Independent Hauler	Subscribe
Redford Charter Township	48,362	Contracted	Millage	Contracted
Roseville	47,299	Contracted	Millage	Contracted
Georgetown Charter Township	46,985	Subscribe	Independent Hauler	Subscribe
East Lansing	46,610	Municipally Managed	Millage	Municipally Managed

<b>Portage</b>	46,292	Contracted	Millage	Subscribe
<b>Chesterfield Township</b>	43,381	Contracted	Selected Hauler	Contracted
<b>Midland</b>	41,706	Contracted	Millage	Municipally Managed
<b>Bloomfield Charter Township</b>	41,070	Contracted	Selected Hauler	Contracted
<b>Saginaw Charter Township</b>	40,840	Contracted	Millage	Contracted
<b>Commerce Charter Township</b>	40,186	Contracted	Millage	Contracted
<b>Meridian Charter Township</b>	39,688	Subscribe	Independent Hauler	Subscribe
<b>Muskegon</b>	38,401	Subscribe	Independent Hauler	Municipally Managed
<b>Lincoln Park</b>	38,144	Not Available	Not Available	Contracted
<b>Grand Blanc Charter Township</b>	37,508	Contracted	Millage	Contracted
<b>Holland Charter Township</b>	35,636	Subscribe	Independent Hauler	Subscribe
<b>Orion Charter Township</b>	35,394	Required Curbside	Independent Hauler	Subscribe
<b>Bay City</b>	34,932	Municipally Managed	Per Household Fee	Municipally Managed
<b>Independence Charter Township</b>	34,681	Subscribe	Independent Hauler	Subscribe
<b>Pittsfield Charter Township</b>	34,663	Subscribe	Independent Hauler	Subscribe
<b>Jackson</b>	33,534	Subscribe	Independent Hauler	Subscribe
<b>Eastpointe</b>	32,442	Municipally Managed	Municipally Billed Independent Hauler	Municipally Managed
<b>Delta Township</b>	32,408	Subscribe	Independent Hauler	Subscribe
<b>Flint Charter Township</b>	31,929	Contracted	Millage	Contracted
<b>Bedford Township</b>	31,085	Subscribe	Independent Hauler	Subscribe
<b>Plainfield Charter Township</b>	30,952	Subscribe	Independent Hauler	Subscribe
<b>Brownstown Charter Township</b>	30,627	Contracted	Millage	Contracted
<b>City of Port Huron</b>	30,184	Required Curbside	Millage	Contracted
<b>Southgate</b>	30,047	Contracted	Millage	Contracted
<b>White Lake Charter Township</b>	30,019	Contracted	Millage	Contracted
<b>Burton</b>	29,999	Contracted	Municipally Billed	Contracted
<b>Madison Heights</b>	29,694	Contracted	Millage	Contracted
<b>Oak Park</b>	29,319	Contracted	Municipally Billed	Contracted
<b>Van Buren Charter Township</b>	28,821	Contracted	Landfill Host	Contracted
<b>Northville Township</b>	28,497	Contracted	Municipally Billed	Contracted
<b>Allen Park</b>	28,210	Contracted	Millage	Contracted
<b>Garden City</b>	27,692	Not Available	Not Available	Contracted
<b>Plymouth Charter Township</b>	27,524	Contracted	Municipally Billed	Contracted
<b>Holland</b>	26,035	Contracted	Municipally Billed	Contracted
<b>Mt. Pleasant</b>	26,016	Contracted	Millage	Contracted
<b>Wyandotte</b>	25,883	Contracted	Selected Hauler	Contracted
<b>Delhi Charter Township</b>	25,877	Not Available	Not Available	Subscribe
<b>Inkster</b>	25,369	Not Available	Not Available	Contracted
<b>Gaines Charter Township</b>	25,146	Subscribe	Independent Hauler	Subscribe
<b>Washington Township</b>	25,139	Contracted	Selected Hauler	Contracted

<b>Harrison Charter Township</b>	24,587	Contracted	Municipally Billed Independent Hauler	Contracted
<b>Blackman Charter Township</b>	24,051	Subscribe	Independent Hauler	Subscribe
<b>Norton Shores</b>	23,994	Subscribe	Independent Hauler	Subscribe
<b>Romulus</b>	23,989	Contracted	Millage	Contracted
<b>Walker</b>	23,537	Subscribe	Independent Hauler	Subscribe
<b>Summit Township</b>	22,508	Subscribe	Independent Hauler	Subscribe
<b>Hamtramck</b>	22,423	Contracted	Municipally Billed	Contracted
<b>Kalamazoo Charter Township</b>	21,918	Contracted	Millage	Subscribe
<b>Oshtemo Charter Township</b>	21,705	Required Curbside	Selected Hauler	Subscribe
<b>Genesee Charter Township</b>	21,581	Contracted	Millage	Contracted
<b>Mount Morris Township</b>	21,501	Contracted	Millage	Contracted
<b>City of Auburn Hills</b>	21,412	Contracted	Selected Hauler	Contracted
<b>Marquette</b>	21,355	Contracted	Municipally Billed Independent Hauler	Contracted
<b>Hamburg Township</b>	21,165	Subscribe	Independent Hauler	Subscribe
<b>Adrian</b>	21,133	Contracted	Per Household Fee	Contracted
<b>Monroe</b>	20,733	Contracted	Millage	Contracted
<b>Allendale Charter Township</b>	20,708	Subscribe	Independent Hauler	Subscribe
<b>Oxford Charter Township</b>	20,526	Subscribe	Selected Hauler	Subscribe
<b>Frenchtown Township</b>	20,428	Contracted	Millage	Contracted
<b>Byron Township</b>	20,317	Subscribe	Independent Hauler	Subscribe
<b>City of Birmingham</b>	20,103	Contracted	Millage	Contracted
<b>Scio Township</b>	20,081	Subscribe	Independent Hauler	Subscribe
<b>Ferndale</b>	19,900	Contracted	Millage	Contracted
<b>Genoa Township</b>	19,821	Contracted	Millage	Contracted
<b>Davison Township</b>	19,575	Contracted	Millage	Contracted
<b>Ypsilanti</b>	19,435	Municipally Managed	Millage	Contracted
<b>Highland Charter Township</b>	19,202	Contracted	Millage	Contracted
<b>Trenton</b>	18,853	Not Available	Not Available	Municipally Managed
<b>Muskegon Charter Township</b>	17,840	Contracted	Municipally Billed Independent Hauler	Municipally Managed
<b>Park Township</b>	17,802	Subscribe	Independent Hauler	Subscribe
<b>Brighton Township</b>	17,791	Subscribe	Independent Hauler	Subscribe
<b>Wayne</b>	17,593	Not Available	Not Available	Contracted
<b>Green Oak Township</b>	17,476	Subscribe	Independent Hauler	Subscribe
<b>Cascade Charter Township</b>	17,134	Subscribe	Independent Hauler	Subscribe
<b>Oakland Charter Township</b>	16,779	Subscribe	Independent Hauler	Subscribe
<b>Grand Rapids Charter Township</b>	16,661	Subscribe	Independent Hauler	Subscribe
<b>Hazel Park</b>	16,422	Contracted	Municipally Billed	Contracted
<b>Mount Clemens</b>	16,314	Contracted	Municipally Billed Independent Hauler	Contracted
<b>Garfield Charter Township</b>	16,256	Subscribe	Independent Hauler	Subscribe

<b>Grosse Pointe Woods</b>	16,135	Contracted	Millage	Contracted
<b>Huron Charter Township</b>	15,879	Contracted	Millage	Contracted
<b>Millage ford Charter Township</b>	15,736	Contracted	Millage	Contracted
<b>Fenton Charter Township</b>	15,552	Contracted	Millage	Contracted
<b>Grandville</b>	15,378	Subscribe	Independent Hauler	Subscribe
<b>Owosso</b>	15,194	Subscribe	Independent Hauler	Subscribe
<b>Grand Haven Charter Township</b>	15,178	Contracted	Selected Hauler	Contracted
<b>Brandon Charter Township</b>	15,175	Subscribe	Independent Hauler	Subscribe
<b>Mundy Township</b>	15,082	Contracted	Millage	Contracted
<b>Berkley City</b>	14,970	Contracted	Millage	Contracted
<b>Comstock Charter Township</b>	14,854	Subscribe	Independent Hauler	Subscribe
<b>Benton Charter Township</b>	14,749	Not Available	Not Available	Municipally Managed
<b>Texas Charter Township</b>	14,697	Subscribe	Independent Hauler	Subscribe
<b>Lincoln Charter Township</b>	14,691	Subscribe	Independent Hauler	Subscribe
<b>Hartland Township</b>	14,663	Subscribe	Independent Hauler	Subscribe
<b>Bangor Charter Township</b>	14,641	Contracted	Millage	Contracted
<b>Monroe Charter Township</b>	14,568	Subscribe	Independent Hauler	Subscribe
<b>Southfield Township</b>	14,547	Contracted	Millage	Contracted
<b>Lyon Charter Township</b>	14,545	Subscribe	Independent Hauler	Subscribe
<b>Traverse City (pt.)</b>	14,482	Contracted	Selected Hauler	Contracted
<b>Fraser City</b>	14,480	Contracted	Municipally Billed	Contracted
<b>DeWitt Charter Township</b>	14,321	Subscribe	Independent Hauler	Subscribe
<b>Spring Lake Township</b>	14,300	Subscribe	Independent Hauler	Subscribe
<b>Harper Woods City</b>	14,236	Contracted	Millage	Contracted
<b>Niles Township</b>	14,164	Subscribe	Independent Hauler	Subscribe
<b>Sault Ste. Marie City</b>	14,144	Contracted	Millage	Contracted
<b>Springfield Charter Township</b>	13,940	Subscribe	Independent Hauler	Subscribe
<b>Leoni Township</b>	13,807	Subscribe	Independent Hauler	Subscribe
<b>Fruitport Charter Township</b>	13,598	Subscribe	Selected Hauler	Subscribe
<b>Wixom City</b>	13,498	Contracted	Municipally Billed	Contracted
<b>Alpine Township</b>	13,336	Subscribe	Independent Hauler	Subscribe
<b>Cannon Township</b>	13,336	Subscribe	Selected Hauler	Subscribe
<b>Vienna Charter Township</b>	13,255	Contracted	Municipally Billed	Contracted
<b>Ada Township</b>	13,142	Subscribe	Independent Hauler	Subscribe
<b>Superior Charter Township</b>	13,058	Contracted	Selected Hauler	Contracted
<b>Union Charter Township</b>	12,927	Contracted	Millage	Subscribe
<b>Woodhaven City</b>	12,875	Contracted	Millage	Contracted
<b>Rochester City</b>	12,711	Contracted	Millage	Contracted

<b>Escanaba City</b>	12,616	Municipally Managed	Municipally Billed	Municipally Managed
<b>Riverview City</b>	12,486	Not Available	Not Available	Contracted
<b>Caledonia Township</b>	12,332	Subscribe	Independent Hauler	Subscribe
<b>Antwerp Township</b>	12,182	Subscribe	Independent Hauler	Subscribe
<b>New Baltimore City</b>	12,084	Contracted	Municipally Billed	Contracted
<b>Thomas Township</b>	11,985	Contracted	Millage	Contracted
<b>Oceola Township</b>	11,936	Subscribe	Independent Hauler	Subscribe
<b>Clawson City</b>	11,825	Contracted	Millage	Contracted
<b>Highland Park City</b>	11,776	Not Available	Not Available	Contracted
<b>Emmett Charter Township</b>	11,770	Subscribe	Independent Hauler	Subscribe
<b>Fenton City (pt.)</b>	11,746	Contracted	Municipally Billed	Contracted
<b>Niles City (pt.)</b>	11,599	Subscribe	Independent Hauler	Subscribe
<b>Bath Charter Township</b>	11,598	Subscribe	Independent Hauler	Subscribe
<b>Grosse Pointe Park City</b>	11,555	Contracted	Millage	Contracted
<b>Ionia City</b>	11,394	Contracted	Per Household Fee	Contracted
<b>Holly Township</b>	11,362	Contracted	Per Household Fee	Contracted
<b>South Lyon City</b>	11,327	Contracted	Per Household Fee	Contracted
<b>Fort Gratiot Charter Township</b>	11,108	Not Available	Not Available	Contracted
<b>Sturgis City</b>	10,994	Required Curbside	Independent Hauler	Subscribe
<b>Coldwater City</b>	10,945	Contracted	Municipally Billed	Contracted
<b>Muskegon Heights City</b>	10,856	Subscribe	Independent Hauler	Contracted
<b>Monitor Charter Township</b>	10,735	Contracted	Millage	Contracted
<b>Melvindale City</b>	10,715	Contracted	Millage	Contracted
<b>East Grand Rapids City</b>	10,694	Required Curbside	Per Household Fee	Subscribe
<b>East Bay Township</b>	10,663	Subscribe	Independent Hauler	Subscribe
<b>Port Huron Charter Township</b>	10,654	Contracted	Municipally Billed	Contracted
<b>Flushing Charter Township</b>	10,640	Contracted	Millage	Contracted
<b>Big Rapids City</b>	10,601	Contracted	Per Household Fee	Contracted
<b>Bridgeport Charter Township</b>	10,514	Contracted	Millage	Contracted
<b>Alpena City</b>	10,483	Not Available	Not Available	Subscribe
<b>Lenox Township</b>	10,470	Contracted	Landfill Host	Contracted
<b>Grand Haven City</b>	10,412	Contracted	Municipally Billed	Contracted
<b>Farmington City</b>	10,372	Contracted	Millage	Contracted
<b>Grosse Ile Township</b>	10,371	Contracted	Per Household Fee	Contracted
<b>Cadillac City</b>	10,355	Contracted	Municipally Billed	Contracted
<b>Cooper Charter Township</b>	10,111	Contracted	Millage	Subscribe
<b>Benton Harbor City</b>	10,038	Not Available	Not Available	Contracted
<b>St. Joseph Charter Township</b>	10,028	Contracted	Per Household Fee	Contracted
<b>Tyrone Township</b>	10,020	Subscribe	Independent Hauler	Subscribe



<b>Curbside Recycling Availability</b>	<b>Key</b>
It is not available.	Not Available
Municipality manages and operates the curbside program.	Municipally Managed
Communities contract with or select a preferred hauler to provide curbside recycling.	Contracted
Residents may subscribe to any hauler and choose to opt in to curbside recycling by paying an additional subscription Per Household Fee.	Subscribe
Haulers are Required to provide curbside recycling service if they offer trash pick-up.	Required Curbside
City managed Pilot (Detroit).	City Managed Pilot
<b>Curbside Recycling Funding</b>	<b>Key</b>
Millage or other municipally collected funds.	Millage
Per Household Fee.	Per Household Fee
Independent haulers charge for the service and bill the resident.	Independent Hauler
The selected preferred hauler bills the resident.	Selected Hauler
Municipality bills the resident for both trash and recycling Municipally Billed.	Municipally Billed
Landfill Host community agreement.	Landfill Host
It is not available.	Not Available
<b>Trash Disposal Availability</b>	<b>Key</b>
Municipality manages and operates the trash collection program.	Municipally Managed
Community contracts with a preferred hauler to provide trash pick-up.	Contracted
Residents may subscribe to any hauler for trash pick-up by paying a subscription Per Household Fee.	Subscribe
Municipality operates the trash collection program and residents may choose the City collection or private hauler.	Choice