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US Collection

Municipal Solid Waste: United States

March 2020



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About This Report

Scope

This report forecasts to 2023 US generated, recovered, and discarded municipal solid waste (MSW) in short tons. MSW generated, recovered, and discarded are each segmented in terms of:

- packaging
- durables
- nondurables
- food
- yard
- miscellaneous inorganics (generated and discarded only)

To illustrate historical trends, total generated, recovered, and discarded MSW as well as the various segments are provided in annual series from 2008 to 2018.

The volume of recovered miscellaneous inorganic waste (e.g., cat box litter) is negligible and excluded from recovered volumes. MSW spans collection from residential, commercial (e.g., retail stores and offices), and institutional (such as schools and hospitals) sources. Construction, hazardous, and industrial waste are excluded from the scope of this report. Throughout this report, measures in tons refer to short tons.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Municipal Solid Waste: United States (FF95057) represents the synthesis and analysis of data from various secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

About This Report

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 7 | NAICS & SIC Codes Related to Municipal Solid Waste

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
562111	Solid Waste Collection	4212	Local Trucking Without Storage
562212	Solid Waste Landfill	4953	Refuse Systems
562213	Solid Waste Combustors and Incinerators		
562219	Other Nonhazardous Waste Treatment and Disposal		
562920	Materials Recovery Facilities		

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

About This Report

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Recovered Paper: United States
Waste Management: United States

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Waste Dive
Waste Management World
Waste360

Agencies & Associations

Container Recycling Institute
Energy Recovery Council
International Solid Waste Association

About This Report

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National Waste & Recycling Association
The Recycling Partnership
Solid Waste Association of North America
Sustainable Packaging Coalition
United States Census Bureau
United States Environmental Protection Agency
US Composting Council