

Freedonia Focus Reports
US Collection

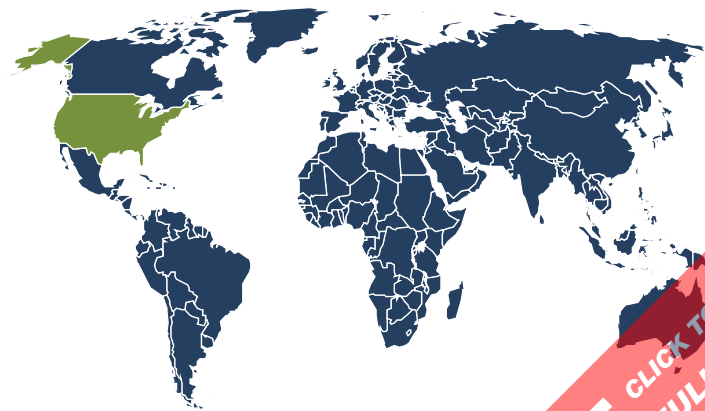


Municipal

Solid Waste:

United States

February 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Material Recovery Overview
Discarded Material Management | Personal Consumption Expenditures

Segmentation and Forecasts

Generated MSW | Recovered MSW | Discarded MSW

Industry Structure

Industry Composition and Characteristics | Companies Cited

Resources



ABOUT THIS REPORT

Scope & Method

This report forecasts US generated, recovered, and discarded municipal solid waste (MSW) in short tons to 2021. MSW generated, recovered, and discarded are each segmented in terms of:

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

The volume of recovered miscellaneous inorganic waste (eg, cat box litter) is negligible and excluded from recovered volumes. MSW spans collection from residential, commercial (eg, retail stores, offices), and institutional (eg, schools, 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.

To illustrate historical trends, total generated, recovered, discarded, and the various segments are provided in annual series from 2006 to 2016.

This report 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.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, 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 primary, secondary, macroeconomic, and demographic sources

including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international 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.

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

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
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		

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PDF bookmarks are also available for navigation.

RESOURCES

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Related Industry Studies

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3398 Corrugated & Paperboard Boxes, April 2016

[see study contents](#)

3347 World Geosynthetics, November 2015

[see study contents](#)

3289 Geosynthetics, June 2015

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Trade Publications

BioCycle

www.biocycle.net

Recycling Today

www.recyclingtoday.com

Waste Advantage

www.wasteadvantagemag.com

Waste Dive

www.wastedive.com

Waste Management World

www.waste-management-world.com

Waste360

www.waste360.com

Agencies & Associations

Container Recycling Institute

www.container-recycling.org

Energy Recovery Council

<http://energyrecoverycouncil.org>

International Solid Waste Association

www.iswa.org

Municipal Waste Management Association

www.usmayors.org/mwma

National Waste & Recycling Association

<http://wasterecycling.org>

The Recycling Partnership

<http://recyclingpartnership.org>

Solid Waste Association of North America

<http://swana.org>

Sustainable Packaging Coalition

www.sustainablepackaging.org

United States Census Bureau

www.census.gov

United States Environmental Protection Agency

www.epa.gov

US Composting Council

<http://compostingcouncil.org>

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