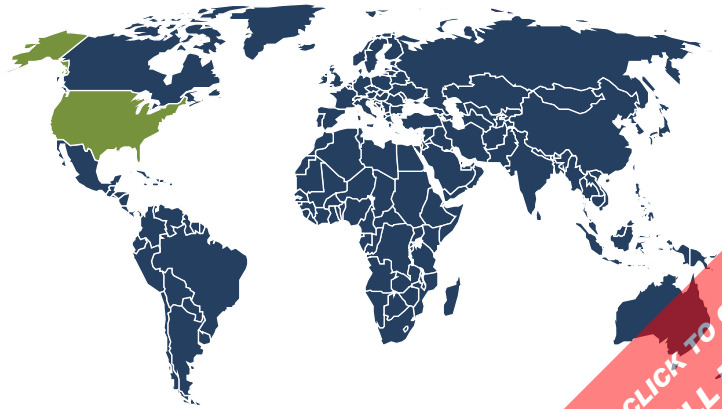




Freedonia Focus Reports
US Collection

Recovered Packaging: United States

February 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Package Recycling Initiatives
Material Separation Technology

Segmentation and Forecasts

Packaging Generation and Recovery

Industry Structure

Industry Composition and Characteristics | Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts total recovery of post-consumer packaging from the US municipal solid waste (MSW) stream in short tons to 2021. For comparison, this report also forecasts the total generation of post-consumer packaging in the MSW stream. Total packaging recovery and generation are segmented by material in terms of:

- paper
- glass
- wood
- metal
- plastic
- other packaging (generation only).

The annual volume of material recovered from other packaging, such as textiles and leather, is negligible, and is therefore excluded from total recovered packaging. Throughout this report, measures in tons refer to short tons.

To illustrate historical trends, total packaging volumes recovered and generated, including all 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

Recovered Packaging: United States (FF30051) 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	
321920	Wood Container and Pallet Manufacturing	2448	Wood Pallets and Skids
322110	Pulp Mills	2611	Pulp Mills
326160	Plastics Bottle Manufacturing	3085	Plastics Bottles
327213	Glass Container Manufacturing	3221	Glass Containers
332431	Metal Can Manufacturing	3411	Metal Cans
423930	Recyclable Material Merchant Wholesalers	4212	Local Trucking Without Storage
562111	Solid Waste Collection	4953	Refuse Systems
562920	Materials Recovery Facilities	5093	Scrap and Waste Materials

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Table of Contents

Section	Page
About This Report	i
Highlights.....	1
Market Environment.....	2
Historical Trends	2
Chart 1 US MSW Recovered Packaging Trends, 2006-2016 ('000 tons)	2
Key Economic Indicators	4
Table 1 Key Indicators for US MSW Packaging Recovery; 2006, 2016, 2021 (2009US\$ bil)	4
Package Recycling Initiatives	5
Material Separation Technology	7
Segmentation & Forecasts.....	9
Packaging Generation & Recovery.....	9
Chart 2 US MSW Recovered Packaging by Material; 2006-2016, 2021 ('000 tons).....	9
Chart 3 US MSW Packaging Recovery Rates by Type; 2006-2016, 2021 (%).....	10
Chart 4 US MSW Generated Packaging by Material; 2006-2016, 2021 ('000 tons).....	11
Paper.....	11
Chart 5 US MSW Generated Paper Packaging by Type, 2014.....	13
Chart 6 US MSW Recovered Paper Packaging by Type, 2014	13
Glass.....	13
Chart 7 US MSW Generated Glass Packaging by Type, 2014	14
Chart 8 US MSW Recovered Glass Packaging by Type, 2014.....	14
Wood.....	15
Metal	16
Chart 9 US MSW Generated Metal Packaging by Type, 2014	17
Chart 10 US MSW Recovered Metal Packaging by Type, 2014	17
Plastic.....	18
Chart 11 US MSW Generated Plastic Packaging by Type, 2014.....	19
Chart 12 US MSW Recovered Plastic Packaging by Type, 2014	19
Chart 13 US MSW Recovered Packaging by Material Share; 2006-2016, 2021 (%)	20
Industry Structure.....	21
Industry Composition & Characteristics.....	21
Waste Management Inc.....	22
Republic Services Inc.	22
Waste Connections Inc.....	23
Companies Cited	24
Resources	25

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
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3398 Corrugated & Paperboard Boxes, April 2016

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3367 Food Containers: Rigid & Flexible, February 2016

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3314 Pallets, August 2015

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Corrugated & Paperboard Boxes: United States

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Municipal Solid Waste: United States

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Pallets: United States

[see report contents](#)

Recovered Paper: United States

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Trade Publications

The Packaging Portal

www.thepackagingportal.com

Packaging Strategies

www.packagingstrategies.com

Plastics in Packaging

www.plasticsinpackaging.com

Waste Advantage

www.wasteadvantagemag.com

Waste360

www.waste360.com

Agencies and Associations

The Association of Plastic Recyclers

www.plasticsrecycling.org

Corrugated Packaging Alliance

www.corrugated.org

Glass Packaging Institute

www.gpi.org

Institute of Scrap Recycling Industries

www.isri.org

National Association for PET Container Resources

www.napcor.com

National Wooden Pallet & Container Association

www.palletcentral.com

Recycled Paperboard Technical Association

www.rpta.org

Plastics Industry Association

www.plasticsindustry.org

Sustainable Packaging Coalition

www.sustainablepackaging.org

United States Census Bureau

www.census.gov

United States Department of Energy

www.doe.gov

United States Environmental Protection Agency

www.epa.gov

United States International Trade Commission

www.usitc.gov

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