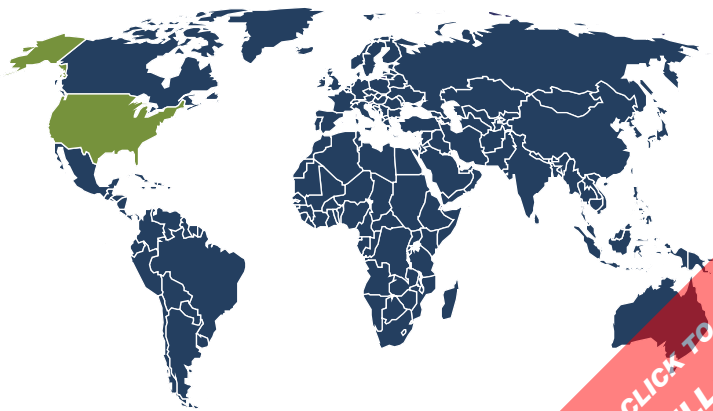




Freedonia Focus Reports
US Collection

Recovered Glass: United States

February 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Recycling Initiatives
Glass Production and Cullet Processing | Personal Consumption Expenditures

Segmentation and Forecasts

Glass Generation and Recovery

Industry Structure

Industry Composition and Characteristics | Companies Cited

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ABOUT THIS REPORT

Scope & Method

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

- beer and soft drink bottles
- wine and liquor bottles
- other containers
- durable goods (generation only).

Pre-consumer glass (eg, finished glass that breaks at a bottling or distribution facility) is excluded. The annual volume of glass recovered in the US from durable goods (eg, appliances, furniture, and electronics) is negligible, and is therefore not included in total recovered glass.

To illustrate historical trends, total glass recovery, generation, 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

Recovered Glass: United States (FF65050) 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	
327213	Glass Container Manufacturing	3221	Glass Containers
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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RESOURCES

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Related Industry Studies

- 3477 Cosmetic & Toiletry Containers in the US*, November 2016 [see study contents](#)
- 3406 World Wine Packaging*, July 2016 [see study contents](#)
- 3367 Food Containers: Rigid & Flexible*, February 2016 [see study contents](#)
- 3332 Insulation*, September 2015 [see study contents](#)
- 3297 Beverage Containers*, June 2015 [see study contents](#)

Related Focus Reports

- Beer: United States* [see report contents](#)
- Municipal Solid Waste: United States* [see report contents](#)
- Packaging: United States* [see report contents](#)
- Recovered Metals: United States* [see report contents](#)
- Recovered Packaging: United States* [see report contents](#)
- Recovered Paper: United States* [see report contents](#)
- Soft Drinks: United States* [see report contents](#)
- Waste Management: United States* [see report contents](#)
- Wine: United States* [see report contents](#)

Freedonia Custom Research

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Trade Publications

- American Recycler* <http://americanrecycler.com>
- Recycling Today* www.recyclingtoday.com
- Resource Recycling* <http://resource-recycling.com>
- Waste Dive* www.wastedive.com
- Waste Management World* <https://waste-management-world.com>
- Waste360* www.waste360.com

Agencies & Associations

- Container Recycling Institute www.container-recycling.org
- Glass Packaging Institute www.gpi.org
- Glass Recycling Coalition www.glassrecycles.org
- Institute of Scrap Recycling Industries www.isri.org
- National Restaurant Association www.restaurant.org
- The Recycling Partnership <http://recyclingpartnership.org>
- United States Census Bureau www.census.gov
- United States Environmental Protection Agency www.epa.gov

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