

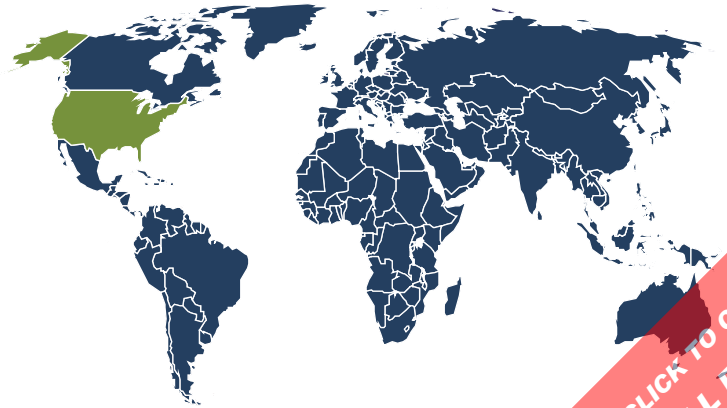
Freedonia Focus Reports  
US Collection



**Rigid**

# Bulk Packaging: United States

September 2016



## Highlights

### Market Environment

Historical Trends | Key Economic Indicators | Environmental and Regulatory Factors  
Materials Overview

### Segmentation and Forecasts

Products | Markets

### Industry Structure

Industry Composition and Characteristics | Companies Cited

### Resources



## ABOUT THIS REPORT

### Scope & Method

This report forecasts to 2020 US rigid bulk packaging demand in US dollars at the manufacturers' level as well as in units. Total demand in dollars and units is segmented by product in terms of:

- pails
- drums
- bulk boxes
- material handling containers
- rigid intermediate bulk containers (RIBCs).

Excluded from the scope of this report are pallets and wood containers, and corrugated and solid fiberboard containers other than bulk boxes and corrugated RIBCs. The report also excludes cans, bottles, jars, and tubs used for the packaging of bulk sizes of foods and other consumer goods. Excluded from the material handling container category are totes and crates used in the retail distribution of beverages such as beer, soft drinks, and milk. Also excluded are fiberboard totes (which generally are handled without mechanical aids) and skids.

Total demand in dollars is also segmented by market as follows:

- chemicals and pharmaceuticals
- food and beverages
- durable goods
- plastic, rubber, and fiber
- other markets such as petroleum and lubricants, agricultural and horticultural, and hazardous waste management.

To illustrate historical trends, total demand in dollars and units is provided in annual series from 2005 to 2015; the various segments are reported at five-year intervals for 2010 and 2015. Total shipments in dollars are also provided in an annual series from 2005 to 2015 and forecast to 2020.

This report quantifies trends in various measures of growth. 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. 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 at five-year intervals with CAGRs for the years corresponding to other reported figures. 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

*Rigid Bulk Packaging: United States* (FF30026) is based on [Rigid Bulk Packaging](#), a comprehensive industry study published by The Freedonia Group in September 2016. Reported findings represent 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 industry 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	
322211	Corrugated and Solid Fiber Box Mfg	2653	Corrugated and Solid Fiber Boxes
322214	Fiber Can, Tube, Drum, and Similar Products Mfg	2655	Fiber Cans, Tubes, Drums, and Similar Products
326199	All Other Plastics Product Mfg	3089	Plastics Products, NEC
332439	Other Metal Container Mfg	3412	Metal Shipping Barrels, Drums, Kegs, and Pails

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## RESOURCES

### The Freedonia Group

[www.freedoniagroup.com](http://www.freedoniagroup.com)

<i>3460 Rigid Bulk Packaging</i> , September 2016	<a href="#">see study contents</a>
Related Industry Studies	
<i>3433 Retail Ready Packaging</i> , July 2016	<a href="#">see study contents</a>
<i>3406 World Wine Packaging: Containers, Closures, &amp; Accessories</i> , July 2016	<a href="#">see study contents</a>
<i>3398 Corrugated &amp; Paperboard Boxes</i> , April 2016	<a href="#">see study contents</a>
<i>3356 Protective Packaging</i> , December 2015	<a href="#">see study contents</a>
<i>3333 Converted Flexible Packaging</i> , October 2015	<a href="#">see study contents</a>
Related Focus Reports	
<i>Aseptic Packaging: United States</i>	<a href="#">see report contents</a>
<i>Corrugated &amp; Paperboard Boxes: United States</i>	<a href="#">see report contents</a>
<i>Packaging: United States</i>	<a href="#">see report contents</a>
Freedonia Custom Research	<a href="#">see capabilities</a>

### Trade Publications

<i>Bulk Distributor</i>	<a href="http://www.bulk-distributor.com">www.bulk-distributor.com</a>
<i>Bulk Transporter</i>	<a href="http://www.bulktransporter.com">www.bulktransporter.com</a>
<i>Material Handling &amp; Logistics</i>	<a href="http://www.mhlnews.com">www.mhlnews.com</a>
<i>Modern Materials Handling</i>	<a href="http://www.mmh.com">www.mmh.com</a>
<i>Packaging Digest</i>	<a href="http://www.packagingdigest.com">www.packagingdigest.com</a>
<i>Packaging World</i>	<a href="http://www.packworld.com">www.packworld.com</a>
<i>Plastics News</i>	<a href="http://www.plasticsnews.com">www.plasticsnews.com</a>

### Agencies & Associations

Federal Trade Commission	<a href="http://www.ftc.gov">www.ftc.gov</a>
Fibre Box Association	<a href="http://www.fibrebox.org">www.fibrebox.org</a>
Industrial Packaging Alliance of North America	<a href="http://www.industrialpackaging.org">www.industrialpackaging.org</a>
Industrial Steel Drum Institute	<a href="http://www.whysteeldrums.org">www.whysteeldrums.org</a>
Plastic Drum Institute	<a href="http://www.plasticdrum.org">www.plasticdrum.org</a>
Plastic Shipping Container Institute	<a href="http://www.pscionline.org">www.pscionline.org</a>
Reusable Industrial Packaging Association	<a href="http://www.reusablepackaging.org">www.reusablepackaging.org</a>
United States Census Bureau	<a href="http://www.census.gov">www.census.gov</a>
United States Department of Transportation	<a href="http://www.transportation.gov">www.transportation.gov</a>
Federal Motor Carrier Safety Administration	<a href="http://www.fmcsa.dot.gov">www.fmcsa.dot.gov</a>
Pipeline and Hazardous Materials Safety Administration	<a href="http://www.phmsa.dot.gov">www.phmsa.dot.gov</a>
United States Environmental Protection Agency	<a href="http://www.epa.gov">www.epa.gov</a>
United States Food and Drug Administration	<a href="http://www.fda.gov">www.fda.gov</a>
United States International Trade Commission	<a href="http://www.usitc.gov">www.usitc.gov</a>

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