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US Collection

# Rigid Intermediate Bulk Containers: United States

February 2019



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# Table of Contents

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<b>1. Highlights</b>	<b>3</b>
<b>2. Market Environment</b>	<b>4</b>
Historical Trends	4
Key Economic Indicators	5
Competition from Reconditioned & Refurbished Packaging	6
Regulatory Factors	8
<b>3. Segmentation &amp; Forecasts</b>	<b>10</b>
Products	10
Plastic Body	11
Metal Body	12
Other Rigid Intermediate Bulk Containers	13
Markets	14
Chemicals & Pharmaceuticals	15
Food & Beverages	15
Petroleum & Lubricants	16
Hazardous Waste	16
Agricultural & Horticultural Products	16
Plastic & Rubber	17
Other Markets	17
<b>4. Industry Structure</b>	<b>19</b>
Industry Characteristics	19
Market Leaders	20
Mauser Packaging Solutions	20
SCHÜTZ	21
Greif	21
<b>5. About This Report</b>	<b>22</b>
Scope	22
Sources	22
Industry Codes	23
Freedonia Methodology	23
Resources	25

# List of Tables & Figures

---

Figure 1   Key Trends in the US Rigid Intermediate Bulk Container Market, 2018 – 2023	3
Figure 2   US Rigid Intermediate Bulk Container Demand Trends, 2008 – 2018	4
Table 1   Key Indicators for US Rigid Intermediate Bulk Container Demand, 2008 – 2023 (US\$ bil)	5
Figure 3   US Rigid Intermediate Bulk Container Demand by Product, 2008 – 2023 (US\$ mil)	10
Table 2   US Rigid Intermediate Bulk Container Demand by Product, 2008 – 2023 (US\$ mil)	10
Figure 4   US Rigid Intermediate Bulk Container Demand by Product, 2008 – 2023 (%)	12
Figure 5   US Rigid Intermediate Bulk Container Demand by Market, 2008 – 2023 (US\$ mil)	14
Table 3   US Rigid Intermediate Bulk Container Demand by Market, 2008 – 2023 (US\$ mil)	14
Figure 6   US Rigid Intermediate Bulk Container Demand by Market, 2008 – 2023 (%)	18
Table 4   Leading Suppliers in the US Rigid Intermediate Bulk Container Market by Product	20
Table 5   NAICS & SIC Codes Related to Rigid Intermediate Bulk Containers	23

# About This Report

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## Scope

This report forecasts to 2023 US rigid intermediate bulk container (RIBC) demand in nominal US dollars at the manufacturer level. Total demand is segmented by product in terms of:

- plastic
- metal
- other products, including composite RIBCs, corrugated RIBCs, and wood panel RIBCs

Total demand is also segmented by market as follows:

- chemicals and pharmaceuticals
- food and beverages
- petroleum and lubricants
- hazardous waste
- agricultural and horticultural products
- plastic and rubber
- other markets such as durable goods and wholesale nondurable goods distribution

To illustrate historical trends, total demand is provided in annual series from 2008 to 2018; the various segments are reported at five-year intervals for 2008, 2013, and 2018.

Excluded from this report are products such as pallets and wood containers, corrugated and solid fiberboard containers other than bulk boxes and corrugated RIBCs, and cans, bottles, jars, and tubs used for the packaging of bulk sizes of foods and other consumer goods.

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

*Rigid Intermediate Bulk Containers: United States* (FF30045) is based on [Rigid Bulk Packaging](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary secondary, macroeconomic, and demographic sources, such as:

## About This Report

- 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

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

## Industry Codes

Table 5 | NAICS & SIC Codes Related to Rigid Intermediate Bulk Containers

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
322211	Corrugated & Solid Fiber Box Mfg	2653	Corrugated & Solid Fiber Boxes
322214	Fibre Can, Tube, Drum, & Similar Products Mfg	2655	Fibre Cans, Tubes, Drums, & Similar Products
326199	All Other Plastics Product Mfg	3089	Plastics Products, NEC
332439	Other Metal Container Mfg	3412	Metal Shipping Barrels, Drums, Kegs, & Pails

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.

## About This Report

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.

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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## Resources

### The Freedonia Group

*Rigid Bulk Packaging*

### Freedonia Industry Studies

*Agricultural Pesticides*

*Converted Flexible Packaging Market in the US*

*Corrugated & Paperboard Boxes*

*Global Bulk Packaging*

*Pharmaceutical Packaging*

*Produce Packaging Market in the US*

*Protective Packaging Market in the US*

*Retail-Ready Packaging*

### Freedonia Focus Reports

*Bulk Packaging: Canada*

*Bulk Packaging: United States*

*Corrugated & Paperboard Boxes: United States*

*Global Bulk Packaging*

*Global Pharmaceutical Packaging*

*Global Protective Packaging*

*Packaging Machinery: United States*

*Rigid Bulk Packaging: United States*

### Freedonia Custom Research

### Trade Publications

*Automotive Logistics*

*Bulk Distributor*

*Bulk Transporter*

*Inbound Logistics*

*The Journal of HAZMAT Transportation*

*Material Handling & Logistics*

*Modern Materials Handling*

*Packaging Digest*

*Packaging World*

*Plastics News*

*Plastics Technology*

### Agencies & Associations

American Chemistry Council

## About This Report

Industrial Packaging Alliance of North America  
MHI (formerly Material Handling Industry of America)  
Petroleum Packaging Council  
Reusable Industrial Packaging Association  
United Nations  
United States Census Bureau  
United States Consumer Product Safety Commission  
United States Department of Transportation  
United States Environmental Protection Agency  
United States Food and Drug Administration  
United States International Trade Commission