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US Collection



Packaging:

United States

December 2021



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About This Report

Scope

This report forecasts to 2021 and 2025 US packaging demand and shipments in nominal US dollars at the manufacturer level. Total demand is segmented by market in terms of:

- food
- beverages
- pharmaceuticals
- foodservice disposables
- other markets such as chemicals, building construction, and consumer household goods

Total shipments are segmented by material as follows:

- paper
- plastic
- metal
- glass and other materials

To illustrate historical trends, total demand, total shipments, the various segments, and net imports are provided in annual series from 2010 to 2020.

Both primary packaging (i.e., packaging used to directly contain a product) and secondary packaging (packaging used to transport items wrapped in primary packaging) are included in the scope of this report. Protective packaging, used to cushion and stabilize items during transit, is also included. Re-exports of packaging are excluded from demand and net imports figures.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Packaging: United States (FF30035) represents the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- 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 6 | NAICS & SIC Codes Related to Packaging

NAICS/SCIAN 2017 North American Industry Classification System		SIC Standard Industrial Classification	
322130	Paperboard Mills	2631	Paperboard Mills
322211	Corrugated and Solid Fiber Box Mfg	2653	Corrugated and Solid Fiber Boxes
322220	Paper Bag and Coated and Treated Paper Mfg	2671	Paper; Coated and Laminated Packaging
326112	Plastics Packaging Film and Sheet (including Laminated) Mfg	3085	Plastics Bottles
326160	Plastics Bottle Mfg	3089	Plastics Products, Nec
326199	All Other Plastics Product Mfg	3221	Glass Containers
327213	Glass Container Mfg	3353	Aluminum Sheet, Plate, and Foil
331315	Aluminum Sheet, Plate, and Foil Mfg	3411	Metal Cans
332431	Metal Can Mfg		

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.

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

Freedonia Industry Studies

Converted Flexible Packaging
Corrugated & Paperboard Boxes
Food Packaging
Global Caps & Closures
Global Foodservice Single-Use Products
Global Packaging Machinery
Global Pharmaceutical Packaging
Meat, Poultry, & Seafood Packaging
Pouches
Protective Packaging
Rigid Bulk Packaging

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Aluminum: United States
Beverages: United States
Canned Foods: United States
E-Commerce: United States
Fabricated Metal Products: United States
Food Processing: United States
Freight Services: United States
Paper & Paperboard: United States
Polyethylene: United States
Polypropylene: United States
Recovered Packaging: United States

Freedonia Custom Research

Trade Publications

Food & Beverage Packaging
Healthcare Packaging
Package Design
Packaging Digest
Packaging Strategies
Packaging World

Agencies & Associations

Can Manufacturers Institute
Flexible Packaging Association
Foodservice Packaging Institute
Glass Packaging Institute
Industrial Packaging Alliance of North America
Sustainable Packaging Coalition
United States Census Bureau
United States Food and Drug Administration
United States International Trade Commission