



Freedonia Focus Reports
US Collection

Produce Packaging: United States

June 2018



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About This Report

Scope & Method

This report forecasts to 2022 US produce packaging demand in nominal US dollars at the manufacturer level. Total demand is segmented by product in terms of:

- corrugated boxes
- flexible packaging
- plastic containers
- trays
- other products such as RPCs, wood crates, foam boxes, and molded pulp baskets

Total demand is also segmented by application as follows:

- vegetables
- fruit
- salad

To illustrate historical trends, total demand is provided in an annual series from 2007 to 2017; the various segments are reported at five-year intervals for 2007, 2012, and 2017.

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

Produce Packaging: United States (FF30024) is based on [Produce Packaging Market in the US](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary,

About This Report

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

Table 5 | NAICS & SIC Codes Related to Produce Packaging

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
322211	Corrugated & Solid Fiber Box Manufacturing	2653	Corrugated & Solid Fiber Boxes
322222	Coated & Laminated Paper Manufacturing	2672	Coated & Laminated Paper, NEC
322224	Uncoated & Multiwall Bag Manufacturing	2674	Uncoated & Multiwall Bags
326140	Polystyrene Foam Manufacturing	2679	Converted Paper & Paperboard Products, NEC
326199	All Other Plastics Product Manufacturing	3086	Plastic Foam Products
		3089	Plastic Products, NEC

Source: US Census Bureau

Table 6 | HS/HTS Codes Related to Produce Packaging

HS/HTS Codes	Definition
3923	Articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics
4415	Packing cases, boxes, crates, drums and similar packings, of wood; wood; cable-drums, of wood; pallets, box-pallets and other; load boards, of wood; pallet collars of wood
4804	Uncoated kraft paper & paperboard
4805	Uncoated paper & paperboard, NES
4819.10	Cartons, boxes and cases, of corrugated paper or paperboard; paperboard

Source: US International Trade Commission

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Resources

The Freedonia Group

Produce Packaging Market in the US, June 2018

Freedonia Industry Studies

Food Containers in the US, April 2018

Foodservice Single-Use Products Market in the US, December 2017

Labels Market in the US, November 2017

Stretch & Shrink Film Market in the US, September 2017

Packaging Films Market in the US, July 2017

Converted Flexible Packaging Market in the US, May 2017

Barrier Films Market in the US, April 2017

Meat Packaging Market in the US, February 2017

Retail E-Commerce Packaging Market in the US, November 2016

Retail Ready Packaging, July 2016

Corrugated & Paperboard Boxes, April 2016

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Barrier Films: United States

Converted Flexible Packaging: United States

Corrugated Boxes: United States

Food Containers: United States

Foodservice Disposables: United States

Labels: United States

Meat & Poultry Packaging: United States

Packaging Films: United States

Retail-Ready Packaging: United States

Stretch & Shrink Film: United States

Freedonia Custom Research

Trade Publications

Flexible Packaging Magazine

Packaging Digest

Packaging Strategies

The Packer

Plastics News

Produce Business

The Produce News

Progressive Grocer

Pulpapernews.com

Agencies & Associations

Fiber Box Association

Flexible Packaging Association

Grocery Manufacturers Association

Paperboard Packaging Council

United States Census Bureau

United States Department of Agriculture

United States Environmental Protection Agency

United States Food and Drug Administration

United States International Trade Commission