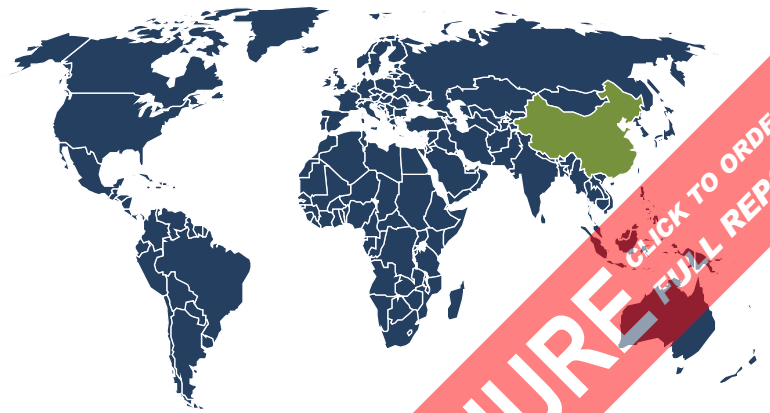




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Pharmaceutical Packaging: China

September 2019



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About This Report

Scope

This report forecasts to 2023 pharmaceutical packaging demand in nominal US dollars at the manufacturer level in China. Total demand is segmented by product in terms of:

- plastic bottles
- parenteral containers
- blister packaging
- prefillable inhalers
- other primary containers such as glass bottles and jars, medication tubes, and pouches
- closures
- labels
- packaging accessories
- secondary containers

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.

For purposes of this report, pharmaceutical packaging product demand is defined as the value of finished containers, closures, and accessories sold by merchant companies and produced or assembled internally by pharmaceutical manufacturers and contract packaging firms.

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate at that prevailing in 2018.

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

Pharmaceutical Packaging: China (FC30018) is based on [Global Pharmaceutical 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:

- firms participating in the industry, and their suppliers and customers

About This Report

- 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 | HS Codes Related to Pharmaceutical Packaging

HS Code	Definition
3917	Tubes, pipes, and hoses and fittings therefor of plastics
3920	Other plates, sheets, film, foil, tape, strip and other flat shapes, of plastics
3923	Articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps, closures
7010	Carboys, bottles, flasks, jars, vials, ampoules, and other containers, of glass, of a kind used for the conveyance or packing of goods and pouring stoppers, capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, and parts thereof, of base metal
7017	Laboratory, hygienic, or pharmaceutical glassware
7607	Aluminum foil of a thickness not exceeding 0.2 millimeters

Source: United Nations Statistics Division

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

Global Pharmaceutical Packaging

Freedonia Industry Studies

Caps & Closures

Converted Flexible Packaging Market

Disposable Medical Supplies

Global Caps & Closures Market

Global Disposable Medical Supplies

Global Labels Market

Global Nonwovens

Global Protective Packaging

Labels Market in the US

Packaging Films Market in the US

Pharmaceutical Packaging Market in the US

Pouches

Specialty Films

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Disposable Medical Supplies: China

Global Dermatological Drugs

Global Electronic Medical Records

Global Healthcare

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Packaging: United States

Pet Medications: United States

Pharmaceuticals: United States

Pressure Sensitive Tapes: China

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Drug Topics

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Flexible Packaging

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Packaging Strategies
Packaging World
Pharmaceutical Manufacturing and Packing Sourcer
Plastics News
Plastics Technology
PlasticsToday
Qmed

Agencies & Associations

Aluminum Association
American Chemistry Council's Plastics Division
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Flexible Packaging Association
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Organisation for Economic Co-operation and Development
United Nations Comtrade
World Bank
World Health Organization
World Trade Organization