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# Disposable Medical Supplies: China

January 2019



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# About This Report

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## Scope

This report forecasts to 2022 disposable medical supplies demand and shipments in nominal US dollars in China. Total demand is segmented by product in terms of:

- surgical instruments and supplies
- diagnostic and laboratory disposables
- infusion and hypodermic devices
- respiratory devices
- dialysis disposables
- nonwoven medical disposables
- incontinence goods
- bandages and wound dressings
- sterilization supplies
- medical and laboratory gloves
- other products such as patient room supplies, urinary catheters and accessories, and first aid kits

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

For the purposes of this report, disposable medical supplies demand is defined as the value of finished products sold by producers at the wholesale level.

For any given historical year, US dollar amounts are obtained from values expressed in 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 as that prevailing in 2017.

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

*Disposable Medical Supplies: China* (FC40019) is based on [Global Disposable Medical Supplies](#), a comprehensive industry study published by The Freedonia Group. Reported

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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
- 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 | SITC Codes Related to Disposable Medical Supplies

SITC Code	Definition
8721	Dental instruments and appliances, nes
8722	Instruments and appliances used in medical, surgical or veterinary sciences (including sight-testing instruments but excluding electro-diagnostic and radiological instruments and apparatus)

Source: United Nations Statistics Division

Table 6 | HS Codes Related to Disposable Medical Supplies

HS Code	Definition
90.18	Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electro-medical apparatus and sight-testing instruments.
90.19	Mechano-therapy appliances; massage apparatus; psychological aptitude-testing apparatus; ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus.

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

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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

*Global Disposable Medical Supplies*

### Freedonia Industry Studies

*Drug Delivery Products*

*Elder Care Services Market in the US*

*Global Nonwovens*

*Global Pharmaceutical Packaging*

*Infection Prevention Products & Services*

*Pouches in the US*

*Silicones Market in the US*

*Wipes Market in the US*

### Freedonia Focus Reports

*Global Contract Biopharmaceuticals*

*Global Electronic Medical Records*

*Global Vaccines*

*Healthcare Insurance: United States*

*Healthcare: United States*

*Home Healthcare: United States*

*Medical Services: United States*

*Nonwovens: United States*

*Pharmaceuticals: United States*

*Wound Management Products: United States*

### Freedonia Custom Research

### Trade Publications

*Drug Development & Delivery*

*Infection Control Today*

*Medical Design Technology*

*Medical Device & Diagnostic Industry*

*Nonwovens Industry*

### Agencies & Associations

Advanced Medical Technology Association

Association for the Advancement of Medical Instrumentation

Association of the Nonwoven Fabrics Industry

China Association for Medical Devices Industry

International Monetary Fund

## About This Report

Medical Device Manufacturers Association  
Organisation for Economic Co-operation and Development  
Plastics Industry Association  
World Bank  
World Health Organization