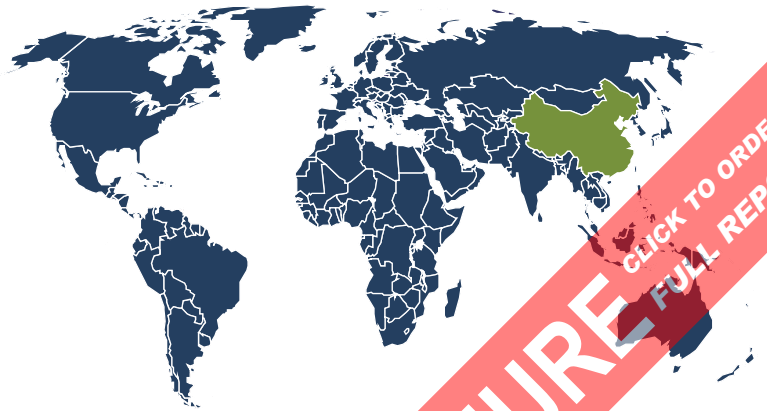




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Plumbing Fixtures & Fittings: China

December 2020



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About This Report

Scope

This report forecasts to 2024 plumbing fixtures and fittings (卫生管道配件) demand and production in nominal US dollars at the manufacturer level in China. Total demand is segmented by product in terms of:

- toilets, urinals, and bidets
- bathtubs and showers
- sinks
- other fixtures
- fittings
- bathroom sink faucets
- kitchen sink and other faucets

Total demand is also segmented by market as follows:

- residential building improvement and repair
- new residential buildings
- nonresidential building improvement and repair
- new nonresidential buildings
- transport and other markets

To illustrate historical trends, total demand is provided in annual series from 2009 to 2019; production and the various segments are reported at five-year intervals for 2009, 2014, and 2019.

Bathtub and shower surrounds are excluded from this report. Basic versions of products that do not connect to a plumbing system, such as chamber pots, are also excluded. For the purposes of this report, the terms “plumbing fixtures and fittings” and “plumbing products” are used interchangeably.

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 2019.

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

Plumbing Fixtures & Fittings: China (FC60035) is based on *Global Plumbing Products*, 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
- government/public agencies
- intergovernmental 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 | HTS Codes Related to Plumbing Fixtures & Fittings

HTS Code	Definition
7419.91.0010	Brass plumbing goods nesoi cast stamped or forged
7419.99.5010	Brass plumbing goods nesoi
8481.80.1020	Bath and shower faucets of copper
8481.80.1030	Sink & lavatory faucets of copper, hand operated
8481.80.1040	Supply stops of copper, hand operated
8481.80.1050	Other hand operated taps, cocks, valves, & similar appliances of copper
8481.80.5060	Bath, shower, sink, & lavatory faucets, hand operated, of other materials

Source: US International Trade Commission

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

About This Report

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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Global Water Treatment Equipment & Chemicals

Pipe Products & Markets

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Adhesives & Sealants: China

Construction: United States

Copper Pipe: United States

Filters: China

Housing: China

Industrial Valves: China

Plastic Pipe: China

Plumbing Fixtures & Fittings: Canada

Plumbing Fixtures & Fittings: Europe

Plumbing Fixtures & Fittings: United Kingdom

Plumbing Fixtures & Fittings: United States

Potable Water Pipe: United States

Pumps: China

Siding: China

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Trade Publications

Builder

Journal of Light Construction

Plumbing Engineer

Plumbing & Mechanical

PM Engineer

Water Online

WaterSense

World Plumbing Review

Agencies & Associations

Association of Plumbing and Heating Contractors

International Association of Plumbing and Mechanical Officials

National Bureau of Statistics of China

Plumbing Manufacturers International

UNdata

World Plumbing Council