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Plumbing Fixtures & Fittings: United States

November 2017



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About This Report

Scope & Method

This report forecasts US plumbing fixture and fitting demand and shipments in nominal US dollars at the manufacturer level to 2021. Total demand is segmented by product in terms of:

- bathtub and shower fixtures
- sinks
- lavatory fittings
- bathtub and shower fittings
- kitchen and other sink fittings
- other products such as toilets, lawn and hose fittings, and drinking fountains

For the purposes of this report, the terms “plumbing fixtures and fittings” and “plumbing products” are used interchangeably.

Total demand is also segmented by market as follows:

- new residential
- residential improvement and repair
- new commercial
- commercial improvement and repair

To illustrate historical trends, total demand is provided in an annual series from 2006 to 2016; shipments and the various segments are reported at five-year intervals for 2006, 2011, and 2016.

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

Plumbing Fixtures & Fittings: United States (FF60035) is based on *Global Plumbing Fixtures & Fittings Market*, 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 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 6 | Industry Codes Related to Plumbing Fixtures & Fittings

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
326191	Plastics Plumbing Fixture Mfg	3088	Plastics Plumbing Fixtures
327111	Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Mfg	3261	Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories
332911	Industrial Valve Mfg	3431	Enameled Iron and Metal Sanitary Ware
332913	Plumbing Fixture Fitting and Trim Mfg	3432	Plumbing Fixture Fittings and Trim
332919	Other Metal Valve and Pipe Fitting Mfg	3491	Industrial Valves
332998	Enameled Iron and Metal Sanitary Ware Mfg	3494	Valves and Pipe Fittings, NEC
332999	All Other Miscellaneous Fabricated Metal Product Mfg	3499	Fabricated Metal Products, NEC

Source: US Census Bureau

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Resources

The Freedonia Group

Global Plumbing Fixtures & Fittings Market, November 2017

Freedonia Industry Studies

Global Housing Outlook, October 2017

Global Hard Surface Flooring, September 2017

Windows & Doors Market Forecasts, September 2017

Plumbing Fittings Market in the US, August 2017

Plumbing Fixtures Market in the US, June 2017

Windows Market in the US, June 2017

Global Countertops Market, April 2017

Global Flooring Market, January 2017

Decorative Tile, March 2016

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Construction: United States

Countertops: United States

Fabricated Metal Products: United States

Hard-Surface Flooring: United States

Housing: United States

Nonresidential Building Construction: United States

Prefabricated Housing: United States

Steel Pipe: United States

Thermoplastic Resins: United States

Windows & Doors: United States

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Trade Publications

The Journal of Light Construction

Plumbing & Mechanical

PM Engineer

Professional Remodeler

Supply House Times

Water Online

Agencies & Associations

American Society of Plumbing Engineers

American Water Works Association

About This Report

International Association of Plumbing and Mechanical Officials

International Code Council

NSF International

United States Census Bureau

United States Environmental Protection Agency

United States International Trade Commission