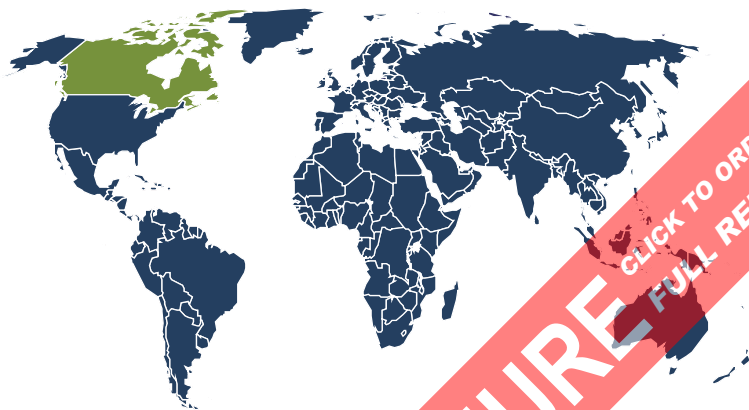




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# Plumbing Fixtures & Fittings: Canada

November 2017



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# About This Report

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## Scope & Method

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

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

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.

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

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.

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

## About This Report

average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2016. All figures cited are in US dollars unless otherwise specified.

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: Canada* (FA60035) 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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*Behind-the-Wall Plumbing: United States*

*Construction: United States*

*Fabricated Metal Products: United States*

*Global Hard-Surface Flooring*

*Global Housing*

*Nonresidential Building Construction: United States*

*Prefabricated Housing: United States*

*Steel Pipe: United States*

*Thermoplastic Resins: United States*

*Windows & Doors: United States*

*World Countertops*

*World Prefabricated Housing*

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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 Mechanical Engineers

## About This Report

American Society of Plumbing Engineers  
American Water Works Association  
Canadian Institute of Plumbing & Heating  
CSA Group  
International Association of Plumbing and Mechanical Officials  
International Code Council  
Mechanical Contractors Association of Canada  
NSF International  
Statistics Canada  
United Nations Comtrade  
United States Environmental Protection Agency