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US Collection

Doors: United States

August 2017



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About This Report

Scope & Method

This report forecasts US door demand shipments in US dollars at the manufacturers' level to 2021. Total demand is segmented by material in terms of:

- metal
- wood
- plastic.

Demand excludes the value of features added between the manufacturer and end user, eg, door hanging and finishing not offered by the door slab manufacturer. The value of installed glazing, sidelites, and/or transoms is included if sold by the manufacturer as part of the framed door system. Excluded are doors for automobiles or other transportation equipment, cabinets, fencing gates, shower doors and bathroom stall doors, elevator doors, pet doors, molding and trim, and separately sold replacement hardware (eg, knobs, locks, doorstops, hinges, and garage door openers). However, the value of these products is included in the scope when sold as part of an integrated new door unit. Doors classified as "energy efficient" are doors that meet current ENERGY STAR criteria. Engineered wood products include those manufactured from particleboard, plywood, medium density fiberboard (MDF), and laminated veneer lumber (LVL). The wood segment includes wood doors clad with metal or plastic materials, but which have a wood interior.

Total demand is also segmented by market as follows:

- new residential
- residential improvement & repair
- new commercial
- commercial improvement & repair.

To illustrate historical trends, total demand is provided in 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

About This Report

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

Doors: United States (FF60104) is based on *Doors Market in the US*, 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 Doors

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
321911	Wood Window & Door Mfg	2431	Millwork
326199	All Other Plastics Product Mfg	3089	Plastics Products, NEC
332321	Metal Window & Door Mfg	3442	Metal Doors, Sash, Frames, Molding & Trim Mfg

Source: US Census Bureau

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Resources

The Freedonia Group

Doors Market in the US, August 2017

Freedonia Industry Studies

Windows Market in the US, June 2017

Fiber-Reinforced Plastic Composites Market in the US, January 2017

Prefabricated Housing Market in the US, January 2017

Molding & Trim in the US, November 2016

World Flat Glass, August 2016

World Insulation, July 2016

Wood-Plastic Composite & Plastic Lumber, May 2016

Mechanical Security Products, February 2016

World Prefabricated Housing, February 2016

Insulation, September 2015

Electronic Security Products, October 2015

Specialty Films, August 2015

World Housing, July 2015

World Windows & Doors, July 2015

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Nonresidential Building Construction: United States

Prefabricated Housing: United States

Residential Windows & Doors: United States

Thermoplastic Resins: United States

Window Coverings: United States

Wood Millwork: United States

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Door and Window Market Magazine

Glass Magazine

The Journal of Light Construction

Metal Architecture

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Plastics News

Professional Remodeler

Window & Door

Agencies & Associations

American Architectural Manufacturers Association

American National Standards Institute

Florida Green Building Coalition

Green Building Initiative

International Code Council

National Association of Home Builders

National Fenestration Rating Council

United States Census Bureau

United States Department of Energy

United States Environmental Protection Agency

United States Green Building Council

United States International Trade Commission

Window and Door Manufacturers Association