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Residential Windows & Doors: United States

July 2018



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About This Report

Scope & Method

This report forecasts to 2022 US residential window and door demand and shipments in nominal US dollars at the manufacturer level (i.e., excluding the value of features and services added between the manufacturer and end user). Total demand is segmented by material in terms of:

- wood
- plastic
- metal

Total demand is also segmented by market as follows:

- new
- replacement

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.

The value of installed glazing is included in the demand numbers for all window and door products. For the purposes of this report, windows and doors classified as “energy efficient” are those products that meet current **ENERGY STAR** criteria. To avoid double counting, parts and components sold to, or imported by, door manufacturers for assembly into new windows and doors are excluded from the scope of this report.

Also excluded from this report are windows and doors for automobiles and other transportation equipment, cabinets, fencing gates, shower doors and bathroom stall doors, elevator doors, pet doors, and moulding and trim.

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.

About This Report

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

Residential Windows & Doors: United States (FF60088) is based on *Residential Windows & 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 | NAICS & SIC Codes Related to Residential Windows & Doors

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
321911	Wood window & door manufacturing	2431	Millwork (wood windows and doors)
326199	All other plastics product manufacturing	3089	Plastic products, NEC
332321	Metal window & door manufacturing	3442	Metal doors, sash, frames, molding, & trim

Source: US Census Bureau

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Resources

The Freedonia Group

Residential Windows & Doors Market in the US, July 2018

Freedonia Industry Studies

Fiber Cement in the US, May 2018

Residential Insulation Market in the US, May 2018

Global Flat Glass Market, March 2018

Moulding & Trim in the US, March 2018

Siding Market in the US, January 2018

Global Windows & Doors, December 2017

Insulation Market in the US, December 2017

Global Housing Outlook, October 2017

Electronic Security Products US Market Forecasts, September 2017

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

Prefabricated Housing Market in the US, January 2017

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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