

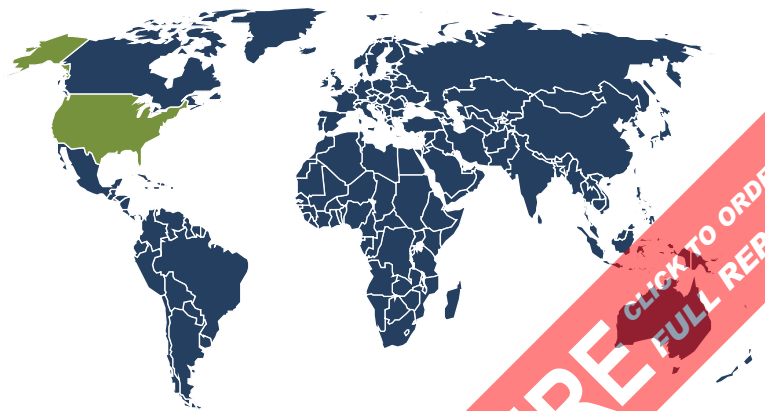


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US Collection

Hardware:

United States

May 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Trade

Segmentation and Forecasts

Markets

Industry Structure

Industry Characteristics | Market Leaders

Resources

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About This Report

Scope & Method

This report forecasts US hardware demand and shipments in US dollars at the manufacturers' level to 2021. Total demand and shipments are segmented by market in terms of:

- builder
- motor vehicle
- furniture
- other transport equipment
- other markets such as dolly and bulk, hand, panel, and platform trucks; appliances; and burial caskets.

Excluded from the scope of this report are window covering hardware, coin-operated and time locks, and hardware produced from materials other than metal (eg, plastics, wood, ceramics, and glass). Also excluded are fasteners. However, the scope of *Industrial Fasteners: United States* covers standard and aerospace-grade fasteners. *Window Coverings: United States* includes window covering hardware. Re-exports of hardware are excluded from demand and trade figures.

To illustrate historical trends, total demand, total shipments, the various segments, and trade are provided in annual series from 2006 to 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

Hardware: United States (FF60063) represents 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 10 | Industry Codes Related to Hardware

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
332510	Hardware Manufacturing	3429	Hardware, NEC

Source: US Census Bureau

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Resources

The Freedonia Group

Freedonia Industry Studies

Home Organization Market in the US, February 2017

Commercial Windows & Doors, August 2016

Residential Windows & Doors, July 2016

Mechanical Security Products, February 2016

Electronic Security Products, October 2015

World Housing, July 2015

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Aerospace Industries Association

Auto Care Association

Builders Hardware Manufacturers Association

Door and Hardware Institute

Forging Industry Association

North American Retail Hardware Association

United States Census Bureau

United States International Trade Commission