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Roofing: United States

September 2017



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About This Report

Scope & Method

This report forecasts US roofing demand in squares to 2021. Total demand is segmented by product in terms of:

- asphalt shingles
- metal roofing
- bituminous membranes
- plastic roofing
- rubber roofing
- roofing tiles
- wood shingles and shakes
- other roofing products, such as slate, polymeric, and vegetative.

Total demand is also segmented by market as follows:

- new residential
- residential reroofing
- new commercial
- commercial reroofing.

To illustrate historical trends, total demand is provided in annual series from 2006 to 2016; 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

Roofing: United States (FF60038) is based on [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 Roofing

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
238160	Roofing Contractors	1761	Roofing, Siding, & Sheet Metal Work
324122	Asphalt Shingle & Coating Materials Manufacturing	2952	Asphalt Felts & Coatings
332311	Prefabricated Metal Building & Component Manufacturing	3069	Fabricated Rubber Products, Not Elsewhere Classified
332322	Sheet Metal Work Manufacturing	3086	Plastic Foam Products
		3448	Prefabricated Metal Buildings & Components
		5033	Roofing, Siding, & Insulation Materials

Source: US Census Bureau

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Resources

The Freedonia Group

Roofing Markets Forecast, September 2017

Freedonia Industry Studies

Metal Roofing Market in the US, August 2017

Asphalt Market Forecasts, July 2017

Low-Slope Roofing Market in the US, July 2017

Asphalt Shingles Market in the US, May 2017

Roofing Distribution Market in the US, March 2017

Prefabricated Housing Market in the US, January 2017

Polyurethane Market in the US, November 2016

Roofing Underlay Market in the US, November 2016

Commercial Roofing, September 2016

Residential Roofing, August 2016

World Roofing, May 2016

World Prefabricated Housing, February 2016

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Metal Stampings: United States

Nonresidential Building Construction: United States

Prefabricated Housing: United States

Roofing: United States

Sheet Metal: United States

Steel Mill Products: United States

Freedonia Custom Research

Trade Publications

Builder

Engineering News-Record

Journal of Light Construction

Metal Construction News

Metal Roofing

Qualified Remodeler

Remodeling

Roofing Contractor

Western Roofing/Insulation/Siding

Agencies & Associations

Asphalt Roofing Manufacturers Association
Cool Roof Rating Council
EPDM Roofing Association
Metal Building Manufacturers Association
Metal Construction Association
Metal Roofing Alliance
National Roofing Contractors Association
Spray Polyurethane Foam Alliance
United States Census Bureau
United States Department of Energy
United States Environmental Protection Agency
United States Green Building Council
United States International Trade Commission