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Metal Roofing: United States

August 2017



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About This Report

Scope & Method

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

- low-slope
- steep-slope.

Total demand is segmented by product as follows:

- standing seam
- tiles, shingles, and shakes
- other metal roofing panels such as corrugated and plain panels.

Total demand is also segmented by market as follows:

- new commercial
- commercial reroofing
- new residential
- residential 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

Metal Roofing: United States (FF60105) is based on [Metal Roofing 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 7 | Industry Codes Related to Metal Roofing

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
238160	Roofing Contractors	1761	Roofing, Siding, and Sheet Metal Work
332311	Prefabricated Metal Building and Component Manufacturing	3444	Sheet Metal Work
332322	Sheet Metal Work Manufacturing	3448	Prefabricated Metal Buildings and Components

Source: US Census Bureau

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Resources

The Freedonia Group

Metal Roofing Market in the US, August 2017

Freedonia Industry Studies

Asphalt Market Forecasts in the US, 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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Trade Publications

Builder

Engineering News-Record

The Journal of Light Construction

Metal Construction News

Metal Roofing

Qualified Remodeler

Remodeling

Roofing Contractor

Western Roofing/Insulation/Siding

Agencies & Associations

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