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Global Prefabricated Housing

January 2021



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About This Report

Scope

This report forecasts to 2024 global demand for prefabricated housing by product and major world region in units. Product segments include:

- manufactured and modular
- temporary
- panelized and precut

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions.

To illustrate historical trends, world, product, and regional demand (including product segments) are provided for 2009, 2014, and 2019. Finally, global shipments are segmented by major world region and provided for 2009, 2014, 2019, and 2024.

Prefabricated disaster relief homes are included in this report as long as they do not have the appearance of tent-like structures and are likely to be used beyond a temporary basis.

Excluded from the scope of this report are:

- traditional site-built homes using some prefabricated building components (e.g., pre-hung windows or doors)
- prefabricated structures used for nonresidential purposes
- any temporary housing that resembles a tent

Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Global Prefabricated Housing (FW60031) 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, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press

About This Report

- 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 9 | NAICS & SIC Codes Related to Prefabricated Housing

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
236115	New Single-Family Housing Construction (except For-Sale Builders)	1521	General Contractors – Single-Family Houses
236116	New Multifamily Housing Construction (except For-Sale Builders)	3448	Prefabricated Metal Buildings
236117	New Housing For-Sale Builders		
321991	Manufactured Home (Mobile Home) Manufacturing		
321992	Prefabricated Wood Building Manufacturing		
332311	Prefabricated Metal Building and Component Manufacturing		

Source: US Census Bureau

Table 10 | HS Codes Related to Prefabricated Housing

HS Code	Definition
9406	Prefabricated Buildings

Source: United Nations Statistics Division

Table 11 | NACE Codes Related to Prefabricated Housing

NACE Code	Definition
45.21	General construction of buildings and civil engineering works

Source: European Commission

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

About This Report

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia 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.

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Resources

The Freedonia Group

Global Prefabricated Housing

Freedonia Industry Studies

Cabinets

Global Asphalt (Bitumen)

Global Construction Chemicals

Global Countertops

Global Drywall & Building Plaster

Global Engineered Stone Countertops

Global Flooring

Global Housing

Global Major Household Appliances

Global Roofing

Global Siding (Cladding)

Global Windows & Doors

Liquid-Applied Roof Coatings

Low-Slope Roofing

Moulding & Trim

Prefabricated Housing

Roofing

Siding

Window & Door Components

Windows & Doors

Wood Panels

Wood-Plastic Composite & Plastic Lumber

Freedonia Focus Reports

Ceilings: United States

Commercial Building Construction: United States

Construction: United States

COVID-19 Market Impact Analysis

Furniture: United States

Global Plumbing Fixtures & Fittings

Housing: United States

Prefabricated Housing: United States

Real Estate: United States

Wood Millwork: United States

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Trade Publications

Builder

Custom Home

Dwell

The Journal of Light Construction

Log Home Living

Manufactured Housing Review

Agencies & Associations

Eurostat

Germany Federal Statistical Office

Institute for Building Technology and Safety

International Monetary Fund

Japan National Statistics Yearbook

Manufactured Housing Institute

National Association of Home Builders

National Bureau of Statistics of China

Organisation for Economic Co-operation and Development

UN Comtrade

UNdata

United States Bureau of Labor Statistics

United States Census Bureau

United States Department of Housing & Urban Development

United States International Trade Commission

World Bank