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US Collection

Lumber: United States

June 2021



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About This Report

Scope

This report forecasts to 2025 US lumber demand and shipments in board feet. Total demand is segmented by product in terms of:

- untreated softwood
- pressure-treated lumber
- hardwood
- engineered lumber

Total demand is also segmented by market as follows:

- construction
- industrial and commercial

To illustrate historical trends, total demand is provided in annual series from 2010 to 2020; shipments and the various segments are reported at five-year intervals for 2010, 2015, and 2020.

Products excluded from the scope of this report include engineered wood products, such as particleboard, plywood, medium-density fiberboard (MDF), high-density fiberboard (HDF), hardboard, and oriented strand board (OSB) (plywood and OSB are included when they are used as part of I-joists). These wood products differ from wood lumber in that engineered wood products consist of reformulated wood materials – sawdust, wood shavings, shells, and other materials – where lumber products are only made with solid wood lumber.

Key macroeconomic indicators are also provided with quantified trends. 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

Lumber: United States (FF20019) is based on [Lumber](#), 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
- 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 6 | NAICS & SIC Codes Related to Lumber

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
321113	Sawmills	2421	Sawmills and Planing Mills, General
321114	Wood Preservation	2426	Hardwood Dimension and Flooring Mills
321912	Cut stock, resawing lumber, and Planing	2429	Special Product Sawmills, Not Elsewhere Classified
		2491	Wood Preserving

Source: US Census Bureau

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.

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

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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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Lumber

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Flooring

Global Flooring

Global Housing

Global Pallets

Global Prefabricated Housing

Global Roofing

Global Siding (Cladding)

Global Windows & Doors

Hard Surface Flooring

Prefabricated Housing

Residential Roofing

Roofing

Sheds & Outdoor Storage

Siding

Windows & Doors

Wood & Competitive Decking

Wood-Plastic Composite & Plastic Lumber

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Furniture: United States

Household Furniture: United States

Housing: United States

Office Furniture: United States

Wood Millwork: United States

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Builder

ENR/Engineering News-Record

FDMC

Forest Products Journal

About This Report

HBSEaler

Journal of Light Construction

Professional Builder

Professional Remodeler

Wood Based Panels International

Agencies & Associations

APA – Engineered Wood Association

Forest Products Laboratory

National Hardwood Lumber Association

United States Census Bureau

United States Department of Agriculture

United States Department of Commerce

United States Department of the Interior

United States Forest Service

United States International Trade Commission

US Lumber Coalition