



Freedonia Focus Reports
Global Collection

Global Flooring

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About This Report

Scope

This report forecasts to 2024 global demand for flooring by product, market, and major world region in square meters. Product segments include:

- resilient
- carpets and rugs
- nonresilient

Reported markets encompass:

- residential
- nonresidential
- transportation equipment and other markets, including nonbuilding structures

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

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

For purposes of this report, flooring is any finish material installed over a floor structure to provide a walking surface and is synonymous with floor covering. Excluded from the scope of this report are subfloors, floor underlayment, and polished concrete.

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 Flooring (FW60053) 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 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 10 | NAICS & SIC Codes Related to Flooring

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
314110	Carpet and rug mills	2273	Carpets and rugs
321918	Other millwork (including flooring)	2426	Hardwood dimension and flooring mills
326199	All Other Plastics Product Manufacturing	3253	Ceramic wall and floor tile
327120	Clay Building Material and Refractories Manufacturing	3996	Linoleum, asphalted-felt-base, and other hard-surface floor covering, NECs

Source: US Census Bureau

Table 11 | HS Codes Related to Flooring

HS Code	Definition
391810	Floor, wall or ceiling coverings; of polymers of vinyl chloride, whether or not self-adhesive, in rolls or in the form of tile
4409	Wood (including strips, friezes for parquet flooring, not assembled), continuously shaped (tongued, grooved, v-jointed, beaded or the like) along any edges, ends or faces, whether or not planed, sanded or end-jointed
5701	Carpets and other textile floor coverings; knotted, whether or not made up
5702	Carpets and other textile floor coverings; woven, (not tufted or flocked), whether or not made up, including kelem, schumacks, karamanie and similar hand-woven rugs
5703	Carpets and other textile floor coverings; tufted, whether or not made up
5704	Carpets and other textile floor coverings; of felt, (not tufted or flocked), whether or not made up
5705	Carpets and other textile floor coverings; n.e.c.
590410	Linoleum, whether or not cut to shape
6907	Ceramic flags and paving, hearth or wall tiles; ceramic mosaic cubes and the like, whether or not on a backing; finishing ceramics

Source: United Nations Statistics Division

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Table 12 | NACE Codes Related to Flooring

NACE Code	Definition
1393	Manufacture of carpets and rugs
1610	Sawmilling and planing of wood
1622	Manufacture of assembled parquet floors
2219	Manufacture of other rubber products
2223	Manufacture of builders' ware of plastic
2331	Manufacture of ceramic tiles and flags
2370	Cutting, shaping and finishing of stone

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.

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

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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 Flooring

Freedonia Industry Studies

Ceilings

Decorative Tile

Fiber Cement in the US

Flooring

Global Drywall & Building Plaster

Global Fiber Cement

Global Housing

Global Insulation

Global Prefabricated Housing

Global Roofing

Global Siding (Cladding)

Global Windows & Doors

Insulation

Moulding & Trim

Prefabricated Housing

Roofing

Siding

Wood Panels

Freedonia Focus Reports

Carpets & Rugs: United States

Flooring: United States

Hard Surface Flooring: United States

Vinyl Flooring: United States

Wood Flooring: United States

Freedonia Custom Research

Trade Publications

Floor Covering News

Floor Covering Weekly

Floor Daily

Floor Trends

RUG INSIDER

Rug News and Design

Agencies & Associations

ABRIC (Brazilian Association of the Carpet Industry)
ANFACER (Brazilian Association of Manufacturers of Ceramic Tiles, Sanitary Ware, and Related Products)
ANPM – National Hardwood Flooring Association (Brazil)
Association of European Producers of Laminate Flooring (EPLF)
Bureau of Foreign Trade (Taiwan)
China Arts and Crafts Association
China Building Ceramics & Sanitaryware Association
Carpet and Rug Institute (North America)
The European Carpet and Rug Association
Eurostat
FEP (European Federation of the Parquet Industry)
Instituto Brasileiro de Geografia e Estatística
Instituto Nacional de Estadística y Geografía (Mexico)
Ministry of Economy, Trade, and Industry (Japan)
MMFA – Multilayer Modular Flooring Association (Europe)
Multilayer Flooring Association (United States)
National Wood Flooring Association
North American Laminate Flooring Association
Resilient Floor Covering Institute (North America)
Russian Federal State Statistics Service
Statistics Canada
Statistics Poland
United Nations Comtrade
United States Census Bureau
United States International Trade Commission