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Global Flooring

January 2019



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About This Report

Scope

This report forecasts to 2022 global demand for flooring by product, market, and major world region in square meters. Product segments include:

- nonresilient flooring
- resilient flooring
- carpets and rugs

Reported markets encompass:

- residential
- nonresidential
- transportation equipment and other markets, such as 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 2007, 2012, and 2017. Finally, global production is segmented by major world region and provided for 2007, 2012, 2017, and 2022.

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2017.

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

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 and non-governmental organizations
- trade associations and their publications

About This Report

- 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 10 | NAICS & SIC Codes Related to Flooring

NAICS/SCIAN 2007		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
326192	Resilient floor covering manufacturing	3253	Ceramic wall and floor tile
327122	Ceramic wall and floor tile manufacturing	3996	Linoleum, asphalted-felt-base, and other hard-surface floor coverings

Source: US Census Bureau

Table 11 | SITC Codes Related to Flooring

SITC Code	Definition
2483	Unassembled coniferous wood flooring
2484	Unassembled non-coniferous wood flooring
63534	Assembled wood flooring panels
6591	Linoleum and similar floor coverings
6592	Knotted carpets and rugs
6593	Handwoven rugs
6594	Tufted carpets and rugs
6595	Other woven carpets and rugs
6596	Other carpets and rugs
66244	Unglazed ceramic tile
66245	Glazed ceramic tile
8933	Plastic floor, wall, and ceiling coverings

Source: United Nations Statistics Division

About This Report

Table 12 | NACE Codes Related to Flooring

NACE Code	Definition
13931100	Knotted carpets and rugs
13931200	Woven carpets and rugs
13931300	Tufted carpets and rugs
13931930	Needlepunched carpets and rugs
13931990	Other carpets and rugs
16101077	Unassembled oak wood flooring
16102110	Unassembled coniferous wood flooring
16102150	Unassembled non-coniferous wood flooring
16221030	Parquet panels of wood for mosaic floors
16221060	Parquet panels of wood (excluding those for mosaic floors)
22197200	Rubber floor coverings
22231155	Floor, wall, and ceiling coverings consisting of a vinyl support
22231159	Other vinyl floor, wall, and ceiling coverings
22231190	Other plastic floor, wall, and ceiling coverings
22231500	Linoleum floor coverings
23311010	Unglazed ceramic tiles
23311020	Glazed ceramic tiles
23311071	Glazed ceramic double tiles of the Spaltplatten type
23701230	Stone tiles

Source: European Commission

Table 13 | HS Codes Related to Flooring

HS Code	Definition
391810	Vinyl flooring
4409	Wood flooring
5701	Knotted carpets and rugs
5702	Woven carpets and rugs
5703	Tufted carpets and rugs
5704	Felt carpets and rugs
5705	Other carpets and rugs
590410	Linoleum
6907	Ceramic tile

Source: United Nations Statistics Division

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 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

Commercial Roofing

Commercial Windows & Doors Market in the US

Decorative Laminates Market in the US

Global Flat Glass Market

Global Windows & Doors

Hard Surface Flooring

Insulation Market in the US

Moulding & Trim in the US

Residential Roofing

Residential Windows & Doors Market in the US

Siding Market in the US

Freedonia Focus Reports

Carpets & Rugs: United States

Ceramic Tile: United States

Global Hard-Surface Flooring

Global Housing

Nonresidential Building Construction: United States

Porcelain Tile: United States

Stone Tile: United States

Vinyl Flooring: United States

Wood Millwork: 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)

ANPM – National Hardwood Flooring Association (Brazil)

About This Report

Association of European Producers of Laminate Flooring (EPLF)
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)
International Monetary Fund
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)
United Nations Comtrade
World Bank