



Freedonia Focus Reports
US Collection

Plastic & Composite Fencing: United States

May 2020



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About This Report

Scope

This report forecasts to 2024 US plastic and composite fencing demand in linear feet and nominal US dollars at the manufacturer level. Total demand by value is segmented by material in terms of:

- vinyl
- high density polyethylene (HDPE) and other plastics such as polypropylene
- composites

Total demand by value is also segmented by market as follows:

- residential buildings
- commercial buildings
- nonbuilding
- agricultural

To illustrate historical trends, total demand by value is provided in annual series from 2009 to 2019; total demand in linear feet and the various segments are reported at five-year intervals for 2009, 2014, and 2019.

Fences constructed with more than one material are categorized by the primary material used to span the area between posts. Excluded from the scope of this report are retaining walls, guardrails, highway sound barriers, and deck and porch rails.

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

Plastic & Composite Fencing: United States (FF60079) is based on *Fencing*, 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 6 | NAICS & SIC Codes Related to Plastic & Composite Fencing

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
326199	All Other Plastics Products Manufacturing	3089	Plastics Products, NEC

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 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

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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

Fencing

Freedonia Industry Studies

Global Housing

Global Pools & Spas

Global Siding (Cladding)

Hardscaping Products

Landscaping Products

Live Goods: Plants, Trees, & Shrubbery

Moulding & Trim

Outdoor Furniture & Grills

Outdoor Kitchens

Outdoor Living Products 2020

Prefabricated Housing

Sheds & Other Residential Outdoor Storage

Siding

Wood & Competitive Decking

Freedonia Focus Reports

Commercial Building Construction: United States

Construction: United States

Fencing: United States

Fiber-Reinforced Plastic Composites: United States

Hardware: United States

Housing: United States

Polyethylene: United States

Polypropylene: United States

Polyvinyl Chloride: United States

Prefabricated Housing: United States

Roofing: United States

Wood-Plastic Composite Decking: United States

Freedonia Custom Research

Trade Publications

FenceWeek

Fencepost

Plastics News

World Fence News

Agencies & Associations

American Fence Association

Association of Pool & Spa Professionals

International Code Council

National Association of Home Builders

United States Census Bureau

United States Department of Agriculture

United States International Trade Commission

Vinyl Institute