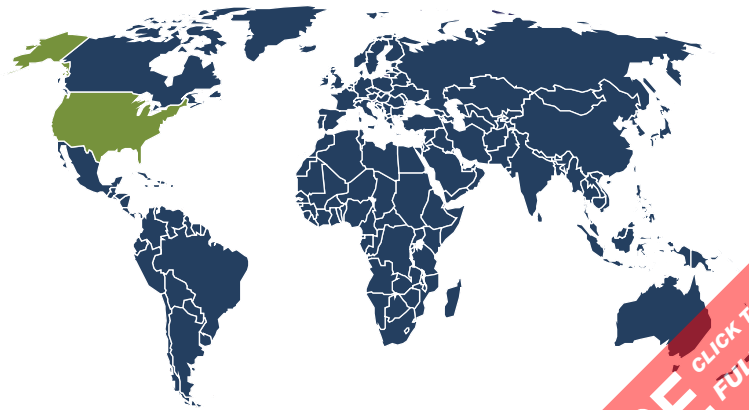




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Polyvinyl Chloride: United States

October 2020



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About This Report

Scope

This report forecasts for 2020 and 2024 US polyvinyl chloride (PVC) resin demand and shipments in pounds and demand in nominal US dollars at the manufacturer level. Total demand in pounds is segmented by market in terms of:

- building and construction
- consumer and institutional
- electrical and electronic
- packaging
- transport
- other markets, such as furniture and furnishings; industrial goods and machinery; and adhesives, inks, and coatings

To illustrate historical trends, total demand, total shipments, the various segments, and trade are provided in annual series from 2009 to 2019. Re-exports of PVC resin are excluded from demand and trade figures.

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

Polyvinyl Chloride: United States (FF55020) represents the synthesis and analysis of data from various 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
- 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 Polyvinyl Chloride Resin

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
325211	Plastics Material and Resin Manufacturing	2671	Paper; Coated and Laminated Packaging
326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing	2821	Plastics Materials and Resins
326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing	3052	Rubber and Plastics Hose and Beltings
326122	Plastics Pipe and Pipe Fitting Manufacturing	3081	Unsupported Plastics Film and Sheet
326220	Rubber and Plastics Hoses and Belting Manufacturing	3084	Plastics Pipe
335932	Noncurrent-Carrying Wiring Device Manufacturing	3089	Plastics Products, Nec
		3644	Noncurrent-carrying Wiring Devices

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.

About This Report

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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Agencies & Associations

American Chemistry Council

International Association of Plastics Distribution

Plastics Industry Association

Plastics Pipe Institute

Uni-Bell PVC Pipe Association

US Census Bureau

US International Trade Commission

The Vinyl Institute

Vinyl Siding Institute