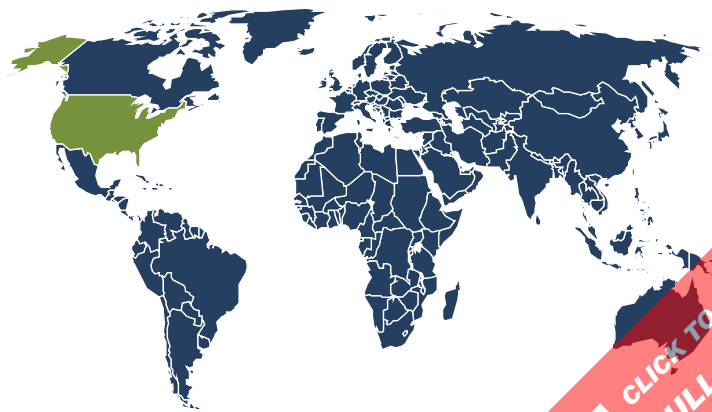




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Rubber: United States

May 2017



Highlights

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About This Report

Scope & Method

This report forecasts US rubber demand in nominal and real (inflation-adjusted) terms and synthetic rubber shipments in nominal terms in US dollars at the manufacturers' level to 2021. Total demand in nominal terms is segmented by type in terms of:

- styrene-butadiene rubber (SBR)
- natural rubber
- polybutadiene rubber (BR)
- ethylene-propylene diene monomer (EPDM)
- polychloroprene (CR); isobutylene isoprene, or butyl, rubber (IIR); polyisoprene rubber (IR); and acrylonitrile-butadiene rubber (NBR)
- other synthetic rubbers such as acrylic and fluoroelastomers.

The scope of this report is defined as thermoset elastomers and excludes thermoplastic elastomers (eg, thermoplastic polyurethanes) as well as silicone elastomers. Reclaimed rubber is also excluded. Rubber demand represents the raw elastomers, before the compounding stage. Re-exports of rubber are excluded from demand and trade figures.

To illustrate historical trends, total demand, total shipments, the various segments, and trade are provided in annual series from 2006 to 2016.

This report 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.

Key macroeconomic indicators are also provided with quantified trends. 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

Rubber: United States (FF50017) represents the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental 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 12 | Industry Codes Related to Rubber

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
316211	Rubber and Plastics Footwear Mfg	2822	Synthetic Rubber (Vulcanizable Elastomers)
325212	Synthetic Rubber Mfg	3011	Tires and Inner Tubes
326211	Tire Mfg (except Retreading)	3021	Rubber and Plastics Footwear
326212	Tire Retreading	3052	Rubber and Plastics Hose and Belting
326220	Rubber and Plastics Hoses and Belting Mfg	3061	Molded, Extruded, and Lathe-Cut Mechanical Rubber Goods
326291	Rubber Product Mfg for Mechanical Use	3069	Fabricated Rubber Products, NEC
326299	All Other Rubber Product Mfg	7534	Tire Retreading and Repair Shops

Source: US Census Bureau

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