

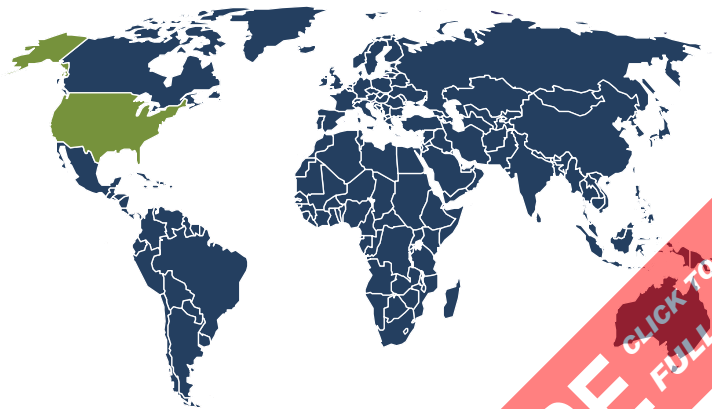


Freedonia Focus Reports
US Collection

Graphite:

United States

August 2014



Highlights

Industry Overview

Market Size and Trends | Product Segmentation | Market Segmentation
Technology | Environmental and Regulatory Factors | NAFTA Overview

Demand Forecasts

Market Environment | Product Forecasts | Market Forecasts

Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts US graphite demand and shipments in metric tons to 2018. Total demand and shipments are segmented by product in terms of:

- synthetic
- natural
- carbon fiber.

Excluded from the scope of this report are all products made of carbon (eg, carbon electrodes). Also, all downstream products made of natural and synthetic graphite, and carbon fiber are excluded in order to avoid double-counting.

Total demand is also segmented by market as follows:

- metallurgy
- refractories
- batteries
- other markets such as mechanical products, automotive, and aerospace.

To illustrate historical trends, total demand is provided at five-year intervals for 2003, 2008, and 2013; shipments and the various segments are reported for 2008 and 2013. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends/events as well as their expected progression/impact over the forecast period. Changes in quantities between reported years of a given total or segment are typically provided in terms of five-year compound annual growth rates (CAGRs). For the sake of brevity, forecasts are generally stated in smoothed CAGR-based descriptions to the forecast year, such as “demand is projected to rise 3.2% annually through 2018.” The result of any particular year over that period, however, may exhibit volatility and depart from a smoothed, long-term trend, as historical data typically illustrate.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. 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

Graphite: United States is based on [World Graphite \(Natural, Synthetic, & Carbon Fiber\)](#), a comprehensive industry study published by The Freedonia Group in August

2014. Reported findings represent 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
- The Freedonia Group Consensus Forecasts dated April 2014 and June 2014
- the findings of other industry 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

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007 North American Industry Classification System		SIC Standard Industry Codes	
212399	All Other Nonmetallic Mineral Mining	1499	Miscellaneous Nonmetallic Minerals, Except Fuels
327125	Nonclay Refractory Mfg		
327992	Ground or Treated Mineral and Earth Mfg	3295	Minerals and Earths, Ground or Otherwise Treated
335991	Carbon and Graphite Product Mfg	3297	Nonclay Refractories
		3624	Carbon and Graphite Products

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