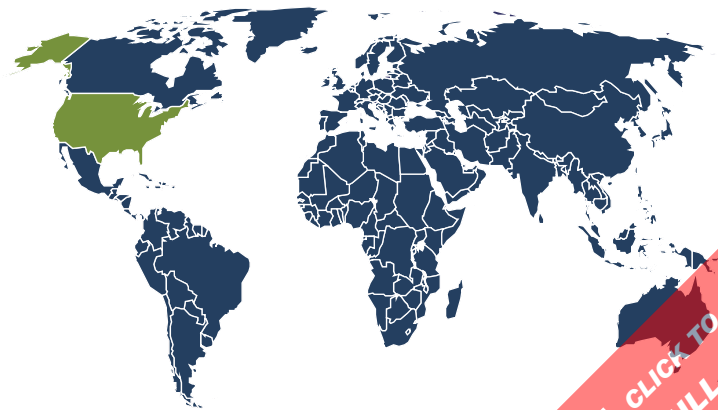




Freedonia Focus Reports
US Collection

Coal: United States

January 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Electricity Generation Overview
Production by Region | Trade | Environmental and Regulatory Factors

Segmentation and Forecasts

Production by Type | Demand by Market

Industry Structure

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ABOUT THIS REPORT

Scope & Method

This report forecasts US coal production and demand in short tons to 2020. Total production is segmented by type in terms of:

- bituminous
- sub-bituminous
- lignite and anthracite.

Total demand is segmented by market as follows:

- electric power
- commercial, industrial, and other markets.

Charcoal production and demand are excluded from the scope of this report, as charcoal is a product that can be made from wood, peat, coal, or other materials in a separate production process. Throughout this report, measures in tons refer to short tons.

To illustrate historical trends, total production, total demand, and the various segments are provided in annual series from 2005 to 2015.

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

Coal: United States (FF45012) 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

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

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
212111	Bituminous Coal and Lignite Surface Mining	1221	Bituminous Coal and Lignite Surface Mining
212112	Bituminous Coal Underground Mining	1222	Bituminous Coal Underground Mining
212113	Anthracite Mining	1231	Anthracite Mining
221112	Fossil Fuel Electric Power Generation	4911	Electric Services

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American Metal Market

www.amm.com

Coal Age

www.coalage.com

Engineering & Mining Journal

www.e-mj.com

International Coal News

www.miningmonthly.com/coal

Power

www.powermag.com

Agencies & Associations

American Coal Council

www.americancoalcouncil.org

American Coalition for Clean Coal Electricity

www.americaspower.org

Consumer Energy Alliance

www.consumerenergyalliance.org

National Mining Association

www.nma.org

United States Army Corps of Engineers

www.usace.army.mil

United States Census Bureau

www.census.gov

United States Energy Information Administration

www.eia.gov

United States Environmental Protection Agency

www.epa.gov

United States International Trade Commission

www.usitc.gov

World Coal Association

www.worldcoal.org

World Energy Council

www.worldenergy.org

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