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US Collection

Explosives: United States

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About This Report

Scope

This report forecasts to 2024 US explosives demand and shipments in metric tons and nominal US dollars. Total demand by volume is segmented by product in terms of:

- blasting agents and oxidizers
- high explosives

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

- coal mining
- construction work
- quarrying and nonmetal mining
- metal mining
- other markets such as oil well perforation, explosion welding, and seismic surveying

To illustrate historical trends, total demand, total shipments, the various segments, and trade are provided in annual series from 2009 to 2019.

The scope of this report encompasses commercial explosives used for industrial purposes. Consumer pyrotechnics, including fireworks, and explosives for military use are excluded. Re-exports of explosives 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

Explosives: United States (FF35018) 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 and 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

About This Report

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 Explosives

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
325920	Explosives manufacturing	2892	Explosives

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 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

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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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Energy: United States

Fertilizers: United States

Mining & Quarrying: United States

Mining Equipment: United States

Natural Gas: United States

Oilfield Chemicals: United States

Refined Petroleum Products: United States

Freedonia Custom Research

Trade Publications

Blasters' Handbook, 18th Edition

Blasting and Fragmentation Journal

Engineering and Mining Journal

Industrial Minerals

Journal of Explosives Engineering

Mining World

Pit & Quarry

The Mining Journal

Agencies & Associations

Institute of Makers of Explosives

International Society of Explosives Engineers

National Demolition Association

National Mining Association

United States Department of Justice

Bureau of Alcohol, Tobacco, Firearms and Explosives

United States Department of Labor

Mine Safety and Health Administration

United States Geological Survey