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# Mining Equipment: United States

April 2021



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# About This Report

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## Scope

This report forecasts to 2024 US mining equipment demand and production in nominal US dollars at the manufacturer level. Total demand is segmented by product in terms of:

- surface mining machinery
- underground mining machinery
- crushing, pulverizing, and screening equipment
- drills and breakers
- mineral processing and other machinery
- parts and attachments

Total demand is also segmented by market as follows:

- mineral mining
- metal mining
- coal mining

To illustrate historical trends, total demand is provided in annual series from 2009 to 2019; total production and the various segments are reported at five-year intervals for 2009, 2014, and 2019.

Excluded from the scope of this report are certain products that can be used at mining sites and are sometimes considered to be mining machinery, including general purpose material handling and oilfield equipment. Also excluded is used and rebuilt mining machinery of all types.

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

*Mining Equipment: United States* (FF75021) is based on [Global Mining Equipment](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, 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

## About This Report

- 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 6 | NAICS & SIC Codes Related to Mining Equipment

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
333120	Construction Machinery Manufacturing	3531	Construction Machinery & Equipment
333131	Mining Machinery & Equipment Manufacturing	3532	Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment

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

## About This Report

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 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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## Resources

### The Freedonia Group

*Global Mining Equipment*

### Freedonia Industry Studies

*Hand Tools*

*Lawn & Garden Consumables*

*Power Tools*

### Freedonia Focus Reports

*Construction: United States*

*Energy: United States*

*Explosives: United States*

*Gypsum: United States*

*Manufacturing: United States*

*Mining & Quarrying: United States*

*Perlite & Vermiculite: United States*

*Recovered Metals: United States*

*Steel Mill Products: United States*

### Freedonia Custom Research

### Trade Publications

*Engineering & Mining Journal*

*International Mining*

*Mining Magazine*

*Mining Weekly*

*Pit & Quarry*

*Rock Products*

### Agencies & Associations

Association of Equipment Manufacturers

ASTM International

Copper Development Association

National Mining Association

National Stone, Sand, and Gravel Association

Occupational Safety and Health Administration

United States Census Bureau

United States Environmental Protection Agency

United States Geological Survey

United States International Trade Commission