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World Collection



## World

# Abrasives

June 2016



### Highlights

World Overview and Forecasts  
Demand by Product | Demand by Market

Regional Segmentation and Forecasts  
Regional Production Overview | Regional Demand Overview | North America  
Western Europe | Asia/Pacific | Other Regions

Industry Structure  
Industry Composition and Characteristics | Companies Cited

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts total world demand in 2020 for abrasives by product, market, and major world region in US dollars at the manufacturers' level. Product segments include:

- coated
- bonded
- loose grains and powders
- metallic.

Excluded from the scope of this report are abrasive-tipped cutting tools like drill bits, milling cutters, and saw blades.

Reported markets encompass:

- machinery
- transportation equipment
- fabricated metals
- other durable goods such as electrical and electronic equipment
- cleaning and maintenance
- other markets such as construction, cosmetics and toiletries, and food and chemicals manufacturing.

Major world regions include:

- North America
- Western Europe
- Asia/Pacific
- all other regions.

Demand by product and market segment is also forecast for each major world region.

To illustrate historical trends world, product, market, and regional demand (including product and market segments) are provided for 2010 and 2015.

Finally, world production is segmented by major world region and provided for 2010, 2015, and 2020.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values

along the forecast trend, including in the forecast year.

Unless otherwise indicated, both historical and forecasted demand and production values are expressed in US dollars at a fixed 2015 rate of exchange with local currencies.

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

*World Abrasives* (FW65025) is based on [a comprehensive industry study](#) published by The Freedonia Group in June 2016. 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
- indicator forecasts by The Freedonia Group
- 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		SIC	
North American Industry Classification System		Standard Industry Codes	
212399	All Other Nonmetallic Mineral Mining	1499	Miscellaneous Nonmetallic Minerals, Except Fuels
327910	Abrasive Product Manufacturing	3291	Abrasive Products
423840	Industrial Supplies Merchant Wholesalers	5085	Industrial Supplies

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## RESOURCES

### The Freedonia Group

*3428 World Abrasives*, June 2016

[www.freedoniagroup.com](http://www.freedoniagroup.com)

[see study contents](#)

#### Related Industry Studies

*3380 Power Tools*, June 2016

[see study contents](#)

*3407 World Specialty Silicas*, April 2016

[see study contents](#)

*3346 Plumbing Fixtures & Fittings*, November 2015

[see study contents](#)

*3295 Refractories*, June 2015

[see study contents](#)

*3248 Abrasives*, February 2015

[see study contents](#)

*3237 World Industrial Silica Sand*, December 2014

[see study contents](#)

#### Related Focus Reports

*Abrasives: United States*

[see report contents](#)

*Electronic Components: United States*

[see report contents](#)

*Fabricated Metal Products: United States*

[see report contents](#)

*Transport Equipment: United States*

[see report contents](#)

*World Specialty Silicas*

[see report contents](#)

#### Freedonia Custom Research

[see capabilities](#)

### Trade Publications

*American Machinist* (USA)

[www.americanmachinist.com](http://www.americanmachinist.com)

*Cutting Tool Engineering* (USA)

[www.ctemag.com](http://www.ctemag.com)

*Fabricating & Metalworking* (USA)

[www.fabricatingandmetalworking.com](http://www.fabricatingandmetalworking.com)

*Finer Points* (USA)

[www.finerpointsmagazine.com](http://www.finerpointsmagazine.com)

*Industrial Minerals* (United Kingdom)

[www.indmin.com](http://www.indmin.com)

### Agencies & Associations

Abrasive Engineering Society

[www.abrasiveengineering.com](http://www.abrasiveengineering.com)

European Federation of Woodworking Machinery Manufacturers

[www.eumabois.com](http://www.eumabois.com)

Eurostat

<http://ec.europa.eu/eurostat>

Federation of European Producers of Abrasives

[www.fepa-abrasives.org](http://www.fepa-abrasives.org)

Industrial Diamond Association of America

[www.superabrasives.org](http://www.superabrasives.org)

International Organisation for Standardization

[www.iso.org](http://www.iso.org)

The Japan Society for Abrasive Technology

[www.jsat.or.jp](http://www.jsat.or.jp)

Organisation for Economic Co-operation and Development

[www.oecd.org](http://www.oecd.org)

Organization for the Safety of Abrasives

[www.osa-abrasives.org](http://www.osa-abrasives.org)

Syndicat National des Abrasifs et Superabrasifs

[www.snas-abrasifs.com](http://www.snas-abrasifs.com)

Unified Abrasives Manufacturers' Association

[www.uama.org](http://www.uama.org)

World Bank

[www.worldbank.org](http://www.worldbank.org)

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