

Freedonia Focus Reports
World Collection



World Industrial Silica Sand

October 2016



Highlights

World Overview and Forecasts
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 industrial silica sand by market in metric tons and US dollars at the manufacturers' level, as well as by major world region in metric tons. Market segments include:

- glass
- foundry
- hydraulic fracturing
- building products
- chemicals
- other markets such as abrasives, recreation, and water filtration.

Both captive silica sand quarried for use within a company's operations (such as for glass manufacturing) and silica sand sold on the open market are covered. For the purposes of this report, captive sales are included in market share totals. Additionally, the scope of this report encompasses the raw sand component of coated sand, but excludes the value added from the coating process. Construction sand, which features lower silica content relative to industrial sand, is excluded from this report.

Major world regions include:

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

Demand by market segment in metric tons is also forecast for each major world region.

To illustrate historical trends world and market demand in both volume and value terms, and regional demand (including market segments) in volume terms, are provided for 2010 and 2015.

Finally, world production in metric tons 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, historical demand values are expressed in US dollars at the prevailing rate of exchange with local currencies. Forecasts to 2020, however, assume a fixed 2015 exchange rate.

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 Industrial Silica Sand (FW65031) is based on [a comprehensive industry study](#) published by The Freedonia Group in October 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	
212319	Other Crushed and Broken Stone Mining and Quarrying	1446	Industrial Sand
212322	Industrial Sand Mining	1499	Miscellaneous Nonmetallic Minerals, Except Fuels

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RESOURCES

The Freedonia Group

3469 World Industrial Silica Sand, October 2016

www.freedoniagroup.com

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Related Industry Studies

3460 Rigid Bulk Packaging, September 2016

[see study contents](#)

3449 World Flat Glass, August 2016

[see study contents](#)

3435 World Insulation, July 2016

[see study contents](#)

3428 World Abrasives, June 2016

[see study contents](#)

3419 Caps & Closures, June 2016

[see study contents](#)

3407 World Specialty Silicas, April 2016

[see study contents](#)

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Cement: United States

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Fabricated Metal Products: United States

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Flat Glass: United States

[see report contents](#)

Proppants: North America

[see report contents](#)

World Abrasives

[see report contents](#)

Freedonia Custom Research

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Trade Publications

Ceramic Industry (USA)

www.ceramicindustry.com

Foundry Management & Technology (USA)

www.foundrymag.com

Foundry-Planet (Germany)

www.foundry-planet.com

Foundry Trade Journal International (UK)

www.foundrytradejournal.com

Glass Magazine (USA)

www.glassmagazine.com

Global Casting Magazine (China)

www.globalcastingmagazine.com

Industrial Minerals (UK)

www.indmin.com

Oil & Gas Journal (USA)

www.ogj.com

Agencies & Associations

American Foundry Society

www.afsinc.org

Container Recycling Institute

www.container-recycling.org

European Association of Industrial Silica Producers

www.eurosil.eu

The European Container Glass Federation

www.feve.org

European Network for Silica

www.nepsi.eu

Glass for Europe

www.glassforeurope.com

Industrial Minerals Association – Europe

www.ima-europe.eu

Industrial Minerals Association – North America

www.ima-na.org

National Industrial Sand Association

www.sand.org

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