

# Industrial Silica Sand Market Size, Growth & Trends | Global Forecast 2025 | DataM Intelligence

*The Industrial Silica Sand Market is expected to reach at a CAGR of 4.90% during the forecast period 2025-2032.*

AUSTIN, TX, UNITED STATES, July 22, 2025 /EINPresswire.com/ -- The [Industrial Silica Sand Market](#) reached US\$ 15.42 Billion in 2024 and is expected to reach US\$ 22.61 Billion by 2032, growing at a CAGR of 4.90% during the forecast period 2025-2032.

## Market Overview:

Industrial Silica Sand, known for its high purity and durable physical properties, is a critical raw material in manufacturing glass products, casting metals in foundries, and hydraulic fracturing in oil & gas. As environmental regulations tighten, the industry is increasingly investing in sustainable mining and advanced processing technologies to meet quality standards and reduce ecological impact.



The Industrial Silica Sand Market: Driven by rising demand in glass, foundry, and construction sectors; valued for high purity, strength, and versatility across industries."

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Market Drivers & Opportunities:

Key drivers include:

Expansion in the glass and construction industries: Driven by rising urbanization, especially in Asia-Pacific.

Growth in hydraulic fracturing: Higher demand for silica sand as a proppant in shale gas and



tight oil extraction.

Technological advancements: New processing techniques enhancing product quality and reducing waste.

Emerging opportunities lie in green building materials, specialty glass production, and the integration of AI for supply chain optimization.

Market Segmentation:

By Type:

Wet Sand

Dry Sand

Frac Sand

Coated Sand

Filter Sand.

By End-User:

Glass Manufacturing

Chemical Production

Construction

Paints & Coatings

Foundry

Others.

By Region:

North America

Latin America

Europe

Asia Pacific

Middle East

Africa.

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Market Geographical Share:

Asia-Pacific leads the industrial silica sand market, fueled by extensive infrastructure developments across China, India, and Southeast Asia. North America holds a strong position as well, supported by shale gas exploration and rising production of high-performance glass. In contrast, demand in Europe remains steady, sustained by applications in the automotive sector and renewable energy projects.

## Key Players:

The competitive landscape features major industry participants such as:

TOCHU CORPORATION

Sibelco

Covia Holdings Corporation

Badger Mining Corporation

U.S. Silica

Quarzwerke GmbH

Chongqing Changjiang River Moulding Material (Group) Co., Ltd

Mitsubishi Corporation

JFE MINERAL Co., LTD

JFE MINERAL Co., LTD

Euroquarz GmbH.

These companies focus on strategic expansions, mergers, and new product launches to strengthen their market presence.

## Recent Developments:

### USA:

2025: Fairmount Santrol announced the opening of a state-of-the-art silica sand processing facility in Texas, aimed at meeting rising proppant demand.

2024: U.S. Silica Holdings invested in advanced water recycling technology to minimize environmental impact at its Illinois mine.

### Japan:

2025: Mitsubishi Corporation launched a joint venture to produce ultra-pure silica sand for next-generation semiconductor applications.

2024: Japanese glass manufacturer AGC Inc. secured long-term contracts with domestic silica sand suppliers to stabilize costs amid global supply fluctuations.

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## Competitive Landscape

Sustainability Impact Analysis  
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Conclusion:

The Industrial Silica Sand Market is poised for significant expansion, fueled by sustained demand across traditional and emerging applications. With innovation and strategic collaborations shaping the competitive landscape, key players are well-positioned to capture growth opportunities in the years ahead.

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