

## **Asia-Pacific Silica Sand - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

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### **Report description:**

The Asia-Pacific Silica Sand Market is expected to register a CAGR of 5.12% during the forecast period.

Due to the COVID-19 outbreak, nationwide lockdowns worldwide, disruption in manufacturing activities and supply chains, and production halts negatively impacted the market in 2020. However, the conditions started recovering in 2021, restoring the market's growth trajectory.

#### Key Highlights

- The major factor driving the market studied is consistent economic growth leading to increased construction and use in the foundry industry.
- Illegal mining of sand and the development of sand-free construction products are expected to hinder the market's growth.
- Increasing application in the water treatment industry and the development of sand-based treatments in dentistry and biotechnology are expected to act as opportunities for the market studied in the forecast period.

#### Asia-Pacific Silica Sand Market Trends

##### Increasing Demand from the Glass Industry

- The glass manufacturing industry was one of the largest end-user industries of the Asia-Pacific silica sand market.
- Silica sand is an inevitable part of the glass manufacturing industry and accounts for more than 50% of the raw materials used.

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The material is used in various glass materials, including containers, flat and specialty glass, and fiberglass.

- The container sub-segment accounted for the largest consumption in the glass manufacturing application segment and was followed by the flat glass and the fiberglass sub-segments.
- The market in this application segment is expected to benefit heavily from the increasing demand for flat glass and fiberglass from the rapidly growing automotive and construction sectors in the emerging economies in Asia, especially India and China.
- China's construction sector is the largest industry in the world and according to the National Bureau of Statistics. As per the forecast given by the Ministry of Housing and Urban-Rural Development, China's construction sector is expected to maintain a 6% share of the country's GDP going into 2025.
- The country's demographics are expected to favor housing and commercial construction activities. The growing population has triggered public and private sector investments in affordable residential colonies. China's government has taken the initiative to gift 40 critical cities with 6.5 million government-subsidized rental homes that are supposed to accommodate around 13 million people.
- Moreover, the use of specialty glass in the reputable electronics sector in developed countries such as South Korea and Japan is expected to aid further the growth of the glass manufacturing industry, which in turn, may increase the demand for silica sand in the region.
- All the factors as mentioned above are expected to drive the market growth during the forecast period.

India is expected to Witness the Fastest Growth

- The Indian Ministry of Mines has classified sand as a minor mineral along with marble, clay, and others. The minor minerals account for about 12% of the entire mining industry in India.
- Silica sand in India is used for various applications, such as glass formation in foundries, chemical production, construction, paints, etc.
- India is one of the major countries in the global construction market, both in terms of revenue and market growth potential. India represents the tenth-largest economy in the world and the third-largest in purchasing power parity.
- This has increased demand for commercial buildings, shopping malls, arenas, high-rise buildings, and hotels, boosting the demand for silica sand in India.
- India's construction sector is one of the largest industries in the country, contributing a significant share of its GDP. India aims to achieve a goal of a USD 5 trillion economy by 2025. As a result, infrastructure development will play a critical role. The government has launched the National Infrastructure Pipeline (NIP) along with other initiatives such as the Make in India and Production-Linked Incentives (PLI) schemes to boost the growth of the infrastructure sector. Historically, more than 80% of the nation's infrastructure spending has been spent on funding transportation, power, water, and irrigation.
- India is one of the major countries in the global construction market, both in terms of revenue and market growth potential. India represents the tenth-largest economy in the world and the third-largest in purchasing power parity. The real estate industry in the country is anticipated to reach USD 1 trillion by the end of 2030, with the rising urban population expected to create additional demand for 25 million additional residential units.
- India's silica sand market is expected to grow at a healthy rate because of the growing construction and foundry industry.

Asia-Pacific Silica Sand Industry Overview

The Asia-Pacific silica sand market is partially consolidated in nature. The major companies include Mitsubishi Corporation, TOCHU CORPORATION, Sibelco, PUM GROUP, and Fairmount Santrol, among others.

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- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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