

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

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### **Report description:**

The Silica Market size is estimated at 550.08 million tons in 2025, and is expected to reach 749.42 million tons by 2030, at a CAGR of 6.38% during the forecast period (2025-2030).

The primary consumer for silica is the construction industry, which was negatively impacted by supply chain disruptions, lockdowns, and other challenges during the COVID-19 pandemic. However, with the restart of a few construction activities after the pandemic, the demand for silica started to gain momentum, leading to a balanced market for silica in the construction industry. Increasing high-quality concrete usage is also expected to drive the market in the upcoming years. The use of silica in electronics is another major factor that is likely to drive the market.

### **Key Highlights**

- The rising demand for precipitated silica for different end users and rapidly expanding construction activities are likely to drive the growth of the silica market.
- On the flip side, competition from substitute products is expected to hinder the market's growth.
- The growing emergence of green tires and the increasing adoption of electric and self-driving cars are expected to unveil new opportunities for the market studied.
- Asia-Pacific is expected to dominate the silica market due to the high demand from China, Japan, and India.

### **Silica Market Trends**

Increasing Demand from the Building and Construction Industry

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- Silica is one of the primary components in various building and construction products. For improved durability and structural integrity, whole-grain silica is used in flooring, mortars, specialty cement, roofing shingles, asphalt mixtures, skid-resistant surfaces, and other industrial materials.
- Asia-Pacific is dominating construction activities worldwide. The area is registering fast economic growth and increasing construction in China, India, Japan, and Indonesia, among others. According to Oxford Economics, the global construction industry is expected to grow by USD 4.5 trillion, or 42%, between 2020 and 2030 to reach USD 15.2 trillion.
- The housing sales in India reached 151,138 units in the first half of 2023, which increased by 24.4% compared to the same period in 2022, as per the Jones Lang LaSalle IP (JLL India). The growth has been the highest over the last couple of years. The sales of luxury homes in the country sharply increased by 130% in the first half of 2023 compared to the same period in 2022, as per the India Brand Equity Foundation (IBEF).
- The construction sector in Asia-Pacific is growing at a healthy rate, owing to the rising population, increasing income of the middle-income groups, and urbanization. In Asia-Pacific, China is one of the leading countries in terms of shopping center construction. China has almost 4,000 shopping centers, while 7,000 more are estimated to open by 2025.
- According to the United States Census Bureau, the value or spending on the total public and private constructions in 2023 was USD 1,978.7 billion, 7% higher than the USD 1,848.7 billion spent in 2022. The spending on private construction in 2023 was USD 1,541.0 billion, 4.7% more than USD 1,472.4 billion in 2022. Such trends in construction may boost the market during the forecast period.
- In Brazil, according to Urban Affairs Minister Jader Filho, the new rules of the Minha Casa, Minha Vida (My Home, My Life) program have been introduced to reduce interest rates and increase subsidies for property purchases. Thus, the program will contribute to the goal of building 2 million housing units by 2026. In July 2023, Brazilian President Luiz Inacio Lula da Silva introduced a development plan worth USD 200 billion for infrastructure, energy, and transportation over the next four years.
- All such factors will likely propel the demand for silica sand during the forecast years.

#### Asia-Pacific to Dominate the Market

- Asia-Pacific is expected to be the dominant market for silica consumption, as China and India dominate the demand from end-user industries such as building and construction, electronics, and glass manufacturing.
- According to the National Bureau of Statistics of China, the country's building industry is expanding at a rapid pace. China's construction output was valued at around CNY 31.59 trillion (USD 4.44 trillion) in 2023, increasing from CNY 31.2 trillion (USD 4.39 trillion) in 2022.
- In 2020, China unveiled its plans to invest USD 1.43 trillion in key construction projects for five years till 2025. According to the National Development and Reform Commission (NDRC), the Shanghai plan calls for a total investment of USD 38.7 billion over the next three years. Guangzhou, on the other hand, signed 16 new infrastructure projects for USD 8.09 billion. Such initiatives can significantly propel the market in China and the overall region.
- India's construction industry is the second-largest industry in the country, accounting for a significant share of its GDP. For instance, according to the Ministry of Statistics & Programme Implementation, the construction industry accounted for a share of about 8.2% of India's GDP (2022-2023).
- According to the India Brand Equity Foundation, the real estate sector in India is expected to reach USD 1 trillion by 2030, and by 2025, it is estimated to contribute 13% to the country's GDP.
- The Government of India's Housing for All initiative is expected to bring USD 1.3 trillion in investment in the housing industry by 2025. In 2024, the rate of affordable housing availability is projected to increase by roughly 70%.
- The Japanese construction industry is projected to boom as the country prepares to host the World Expo in Osaka, Japan, in 2025. The Yaesu redevelopment project, which includes a 61-story, 390-meter-tall office tower, was scheduled to be completed in

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2023 and 2027, respectively.

- Due to such factors, Asia-Pacific is expected to dominate the market during the forecast period.

## Silica Industry Overview

The silica market is fragmented, with both international and domestic players. The major companies (not in any particular) in the market studied include Covia Holdings LLC, US Silica, Sibelco, Cabot Corporation, and Evonik Industries AG.

### Additional Benefits:

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

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