

2020-2025 Global Silicon Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

Silicon is a hard and brittle crystalline solid with a blue-grey metallic luster; and it is a tetravalent metalloid and semiconductor. Most silicon is used commercially without being separated, and often with little processing of the natural minerals. Such use includes industrial construction with clays, silica sand, and stone. Silicates are used in Portland cement for mortar and stucco and mixed with silica sand and gravel to make concrete for walkways, foundations, and roads. They are also used in whiteware ceramics such as porcelain, and in traditional quartz-based soda-lime glass and many other specialty glasses. Silicon compounds such as silicon carbide are used as abrasives and components of high-strength ceramics. Silicon is the basis of the widely used synthetic polymers called silicones.

This report elaborates the market size, market characteristics, and market growth of the Silicon industry, and breaks down according to the type, application, and consumption area of Silicon. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Silicon in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Silicon market covered in Chapter 13:

JFE Steel

REC

Elkem

Silfex INC

Okmetic
Nitol Solar
LDK Solar
Hemlock Semiconductor Corporation
Wacker Chemie AG
MississippiSilicon
Lattic Power
SunEdison
Tokuyama Corporation

In Chapter 6, on the basis of types, the Silicon market from 2015 to 2025 is primarily split into:

Fluids
Gels
Resins
Elastomers
Others

In Chapter 7, on the basis of applications, the Silicon market from 2015 to 2025 covers:

Electronics
Transportation
Construction
Personal Care & Pharmaceuticals
Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)
United States
Canada

Mexico
Europe (Covered in Chapter 9)
Germany
UK
France
Italy
Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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