

Titanium Market Size, Share & Trends Analysis Report By End-use (Aerospace & Defense, Industrial, Coatings), By Region (North America, Asia Pacific, Europe), And Segment Forecasts, 2024 - 2030

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Abstracts

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Titanium Market Size & Trends

The global titanium market size was estimated at USD 2.44 billion in 2023 and is projected to grow at a CAGR of 6.2% from 2024 to 2030. The growth of the travel & tourism industry has also led to an expansion of the civil aviation segment, propelling the demand for titanium. The rise in defense expenditure for modernized equipment, systems, and aircraft on account of growing territorial disputes has further contributed to market growth.

Titanium sponge is produced using the Kroll process on titanium ore. In the process, titanium tetrachloride is heated with magnesium metal at 900 degrees Celsius. After the process is completed, magnesium is extracted from a lump of titanium sponge. In the final stage, the sponge is crushed into small pieces with the help of crushers and shears. Various-sized particles are mixed in a blender to get a uniform-quality sponge.

Global Titanium Market Report Segmentation

This report forecasts revenue and volume growth at global, country, and regional levels and provides an analysis of the latest trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the global titanium

market report based on end-use, and region:

End-use Outlook (Volume, Kilotons; Revenue, USD Billion; 2018 - 2030)

Aerospace & Defense

Industrial

Coatings

Healthcare

Consumer Goods

Others

Regional Outlook (Volume, Kilotons; Revenue, USD Billion; 2018 - 2030)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

Spain

Russia

Asia Pacific

China

India

Japan

Central & South America

Brazil

Middle East & Africa

GCC

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