Global Titanium Dioxide Market: Analysis By Production, By Grade (Rutile and Anatase), By Production Process (Sulfate & Chloride), By Application (Paints and Coatings, Plastics, Pulp and Paper, Cosmetics and Others), By Region, Size & Forecast with Impact Analysis of COVID-19 and Forecast up to 2028

September 2023

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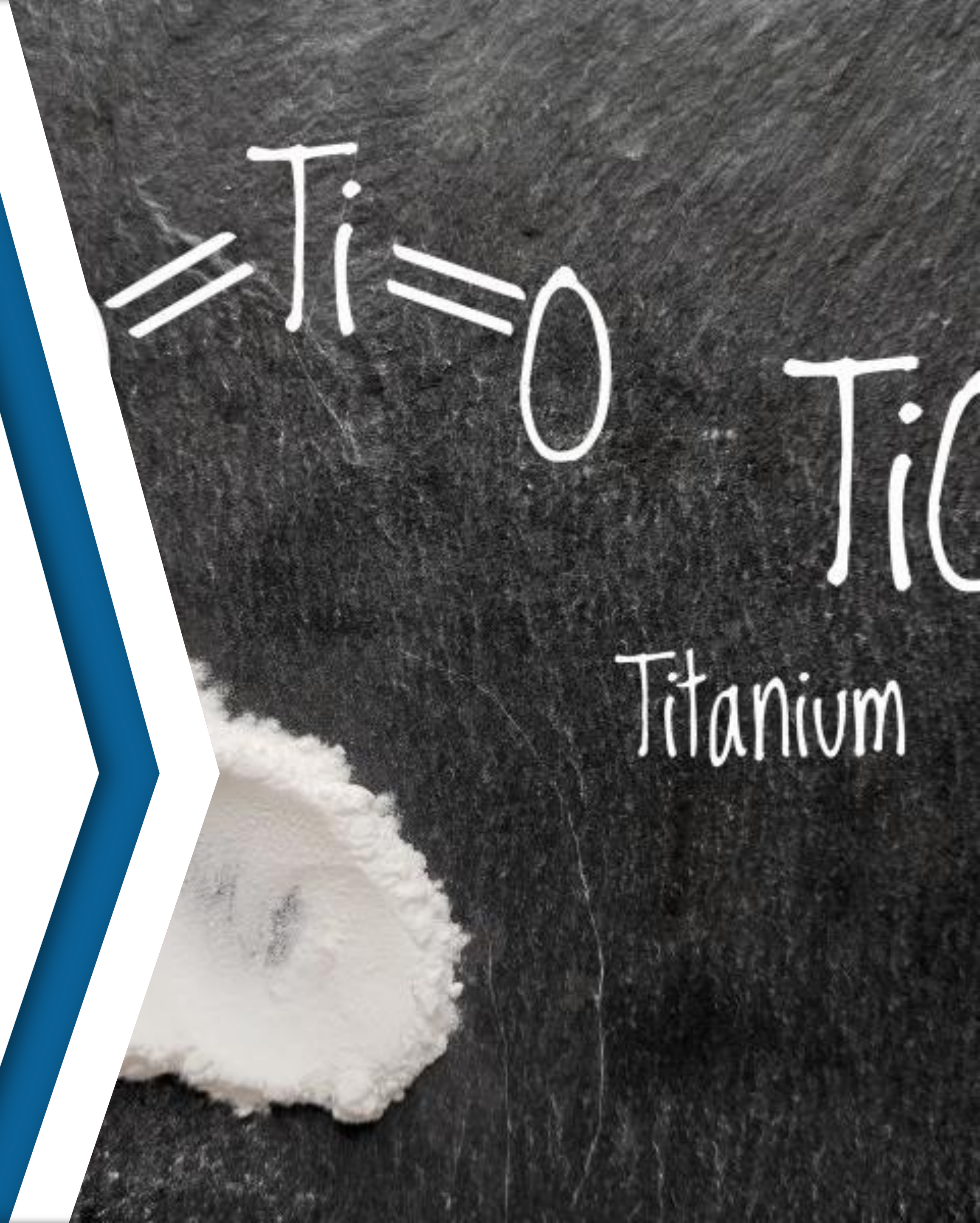

Global Titanium Dioxide Market: Coverage

- Executive Summary and Scope
- Introduction/Market Overview
- Global Market Analysis
- Regional Market Analysis
- Impact of COVID-19
- Dynamics
- Competitive Landscape
- Company Profiling

Global Titanium Dioxide Market: Coverage

Scope of the Report

Attributes	Details
US$ Billion	Global Titanium Dioxide Market: Analysis By Production, By Grade (Rutile and Anatase), By Production Process (Sulfate & Chloride), By Application (Paints and Coatings, Plastics, Pulp and Paper, Cosmetics and Others), By Region, Size & Forecast with Impact Analysis of COVID-19 and Forecast up to 2028
Coverage	Global and Regional
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Consolidated
Key Players	Ineos Group, Tronox Holdings Plc., Kronos Worldwide, Inc., The Chemours Company, Evonik Industries AG, Iluka Resources Limited, Venator Materials PLC, LB Group (Lomon Billions), Ishihara Sangyo Kaisha, Ltd, Kerala Minerals and Metals Ltd. and CNNC Hua Yuan Titanium Dioxide Co., Ltd

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Global Titanium Dioxide Market: Coverage

Executive Summary

Titanium dioxide (TiO2) is a naturally occurring compound primarily used as a white pigment in various industrial and consumer applications. It is renowned for its exceptional opacity, brightness, and ability to reflect light, making it a crucial ingredient in products like paints, coatings, papers, cosmetics, and food items. TiO_2 pigment is also used in plastic consumer products and has been another reason for fuelling its demand. The global titanium dioxide market in 2022 was valued at US$19.87 billion and is expected to reach US$27.03 billion by 2028, growing at a CAGR of 5.26%, during the forecast period of 2023-2028. The global titanium dioxide pigment market production capacity has increased to 9.47 million tons in 2022.

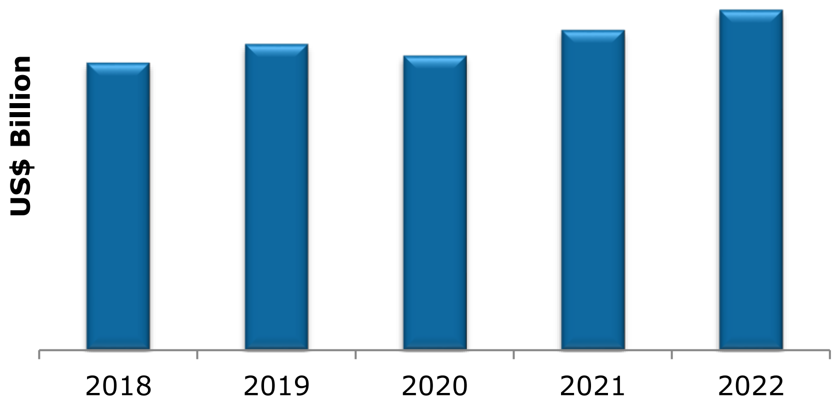
The global titanium dioxide market can be segmented based on grade (rutile and anatase), production process (sulfate & chloride), and application (paints and coatings, plastics, pulp and paper, cosmetics and others). The rutile segment dominated the market in 2022. Rutile pigment is the most common naturally occurring form of titanium dioxide (TiO2), having higher hiding powers and weathering properties in comparison to anatase.

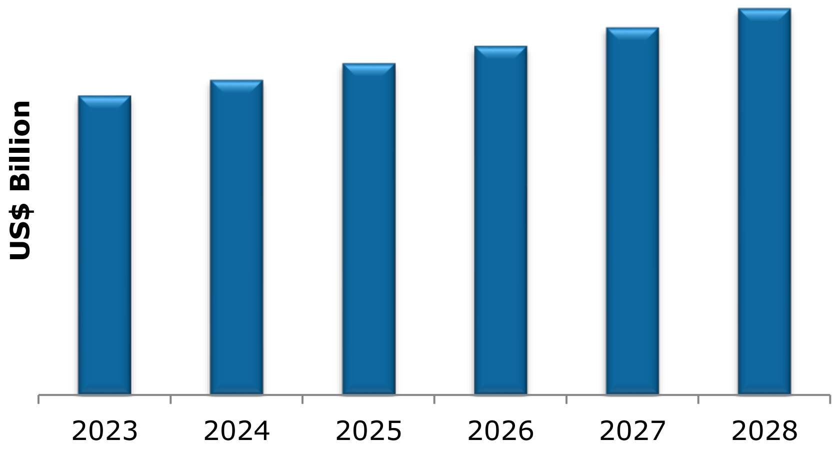
The COVID-19 pandemic had a negative impact on the titanium dioxide market, causing disruptions in the supply chain, fluctuations in demand, production slowdowns, and shifts in consumer behavior. Lockdowns, travel restrictions, and labor shortages disrupted supply chains, leading to delays in raw material deliveries and increased transportation costs. Titanium dioxide manufacturers faced challenges in sourcing materials and components, resulting in production delays and higher costs. Additionally, key sectors like paints and coatings, automotive, and construction, which rely on titanium dioxide, saw reduced demand due to economic downturns and restrictions, affecting the market.

The global titanium dioxide market has increased in 2022. The projections are made that the market would rise in the next five years i.e. 2023-2028 tremendously. The market is expected to increase due to rising automotive production, growing construction sector, shift towards sustainable products. increasing cosmetics and personal care products range and growing food & beverage industry. Yet the market faces some challenges such as stringent environmental policies of governments, and volatility in cost of titanium dioxide.

Titanium Dioxide Market: Global Analysis

Global Titanium Dioxide Market by Value



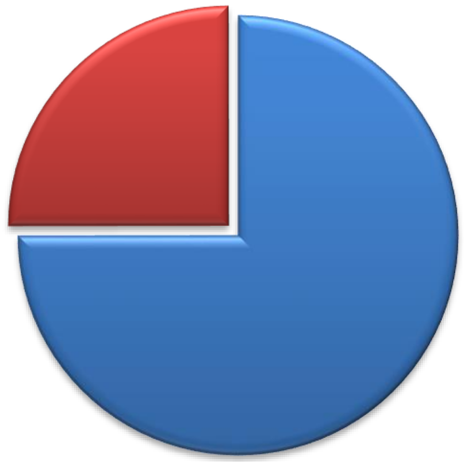


CAGR	
2023-2028	xx%

The global titanium dioxide market valued at US$.... billion in 2022, increased as compared to US$... billion in 2021. Global titanium dioxide market is anticipated to reach up to US$... billion by 2028, at a CAGR of ….%, from US$... billion in 2023.

Titanium Dioxide Market: Global Analysis

Global Titanium Dioxide Market by Grade; 2022



Grade	Share
Rutile	xx%
Anatase	xx%

Global Titanium Dioxide Market by Production Process; 2022

Production Process	Share
Sulfate	xx%
Chloride	xx%

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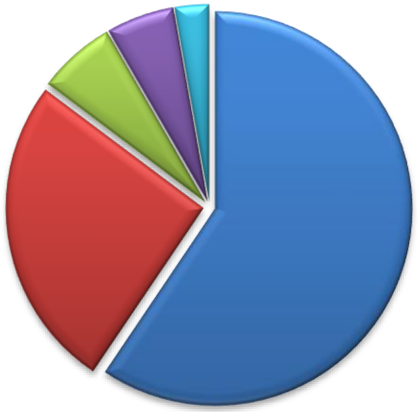
Titanium Dioxide Market: Global Analysis

Global Titanium Dioxide Market by Region; 2022

Region	Share
Asia Pacific	xx%
North America	xx%
Europe	xx%
Rest of the World	xx%

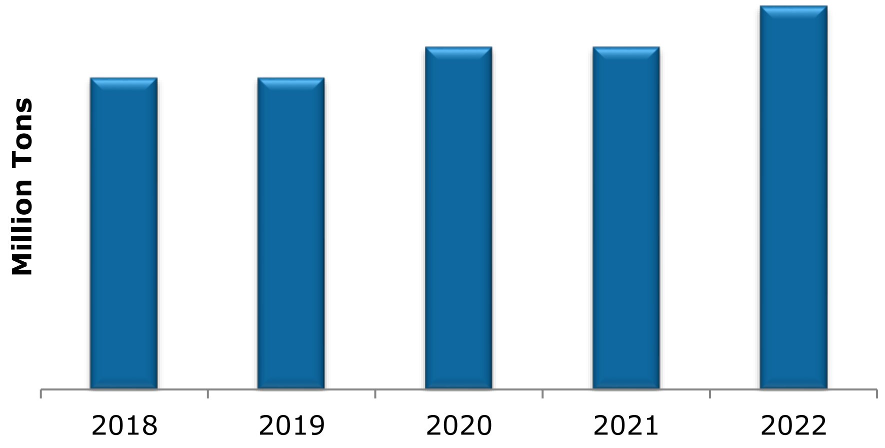
Global Titanium Dioxide Market by Application; 2022



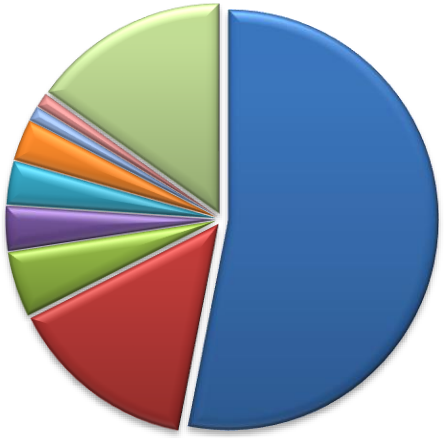
Application	Share
Paints and Coatings	xx%
Plastics	xx%
Pulp & Paper	xx%
Cosmetics	xx%
Others	xx%

Titanium Dioxide Market by Production Capacity: Global Analysis

Global Titanium Dioxide Pigment Market Production Capacity by Volume



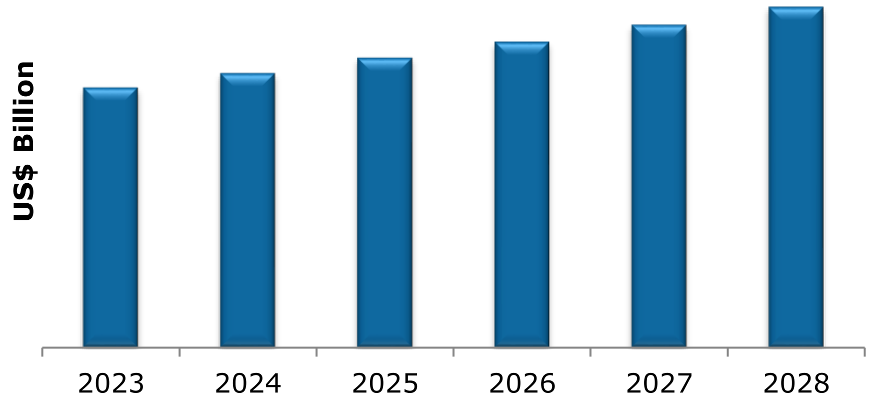
Global Titanium Dioxide Pigment Market Production Capacity by Region; 2022



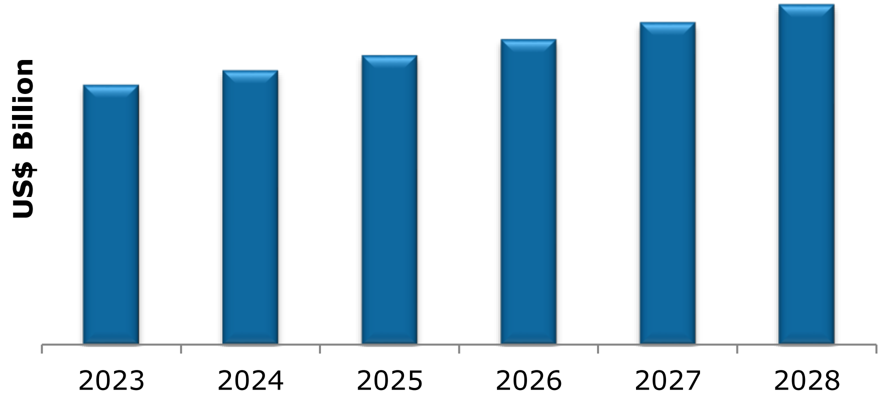
Region	Share
China	xx%
The US	xx%
Germany	xx%
Japan	xx%
United Kingdom	xx%
Mexico	xx%
India	xx%
Canada	xx%
ROW	xx%

Global Titanium Dioxide Market: Grade Analysis

Global Rutile Titanium Dioxide Market by Value

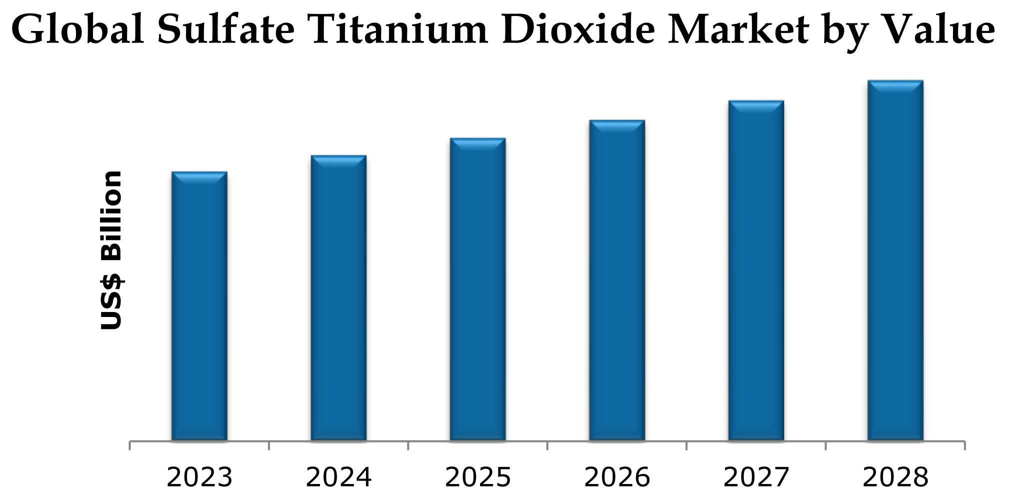


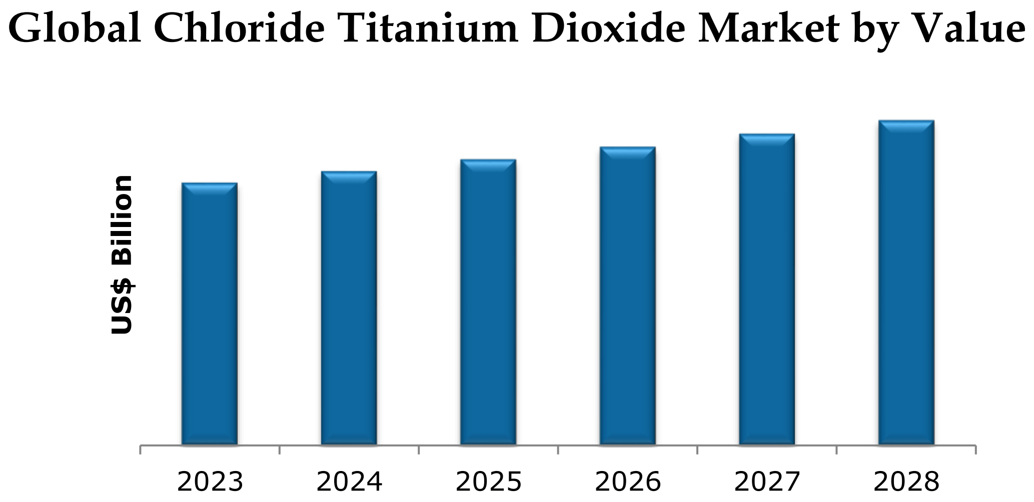
Global Anatase Titanium Dioxide Market by Value



Grade	CAGR (2023-2028)
Rutile	xx%
Anatase	xx%

Global Titanium Dioxide Market: Production Process Analysis

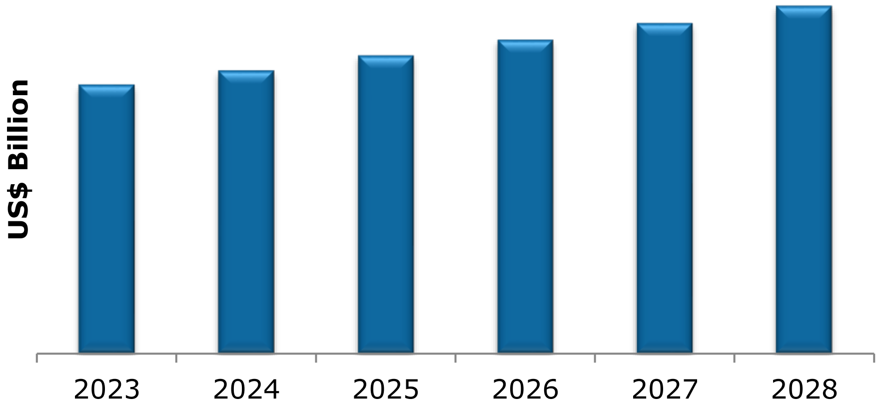




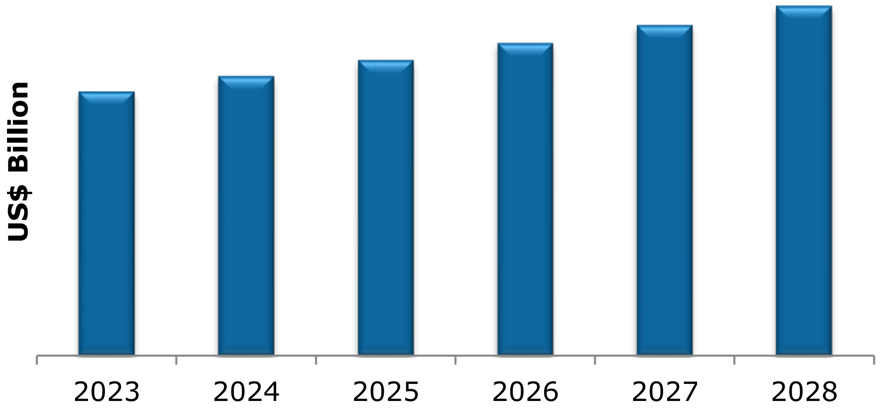
Production Process	CAGR (2023-2028)
Sulfate	xx%
Chloride	xx%

Global Titanium Dioxide Market: Application Analysis

Global Paints and Coatings Titanium Dioxide Market by Value



Global Plastics Titanium Dioxide Market by Value



Application	CAGR (2023-2028)
Paints and Coatings	xx%
Plastics	xx%
Pulp & Paper	xx%
Cosmetics	xx%
Others	xx%

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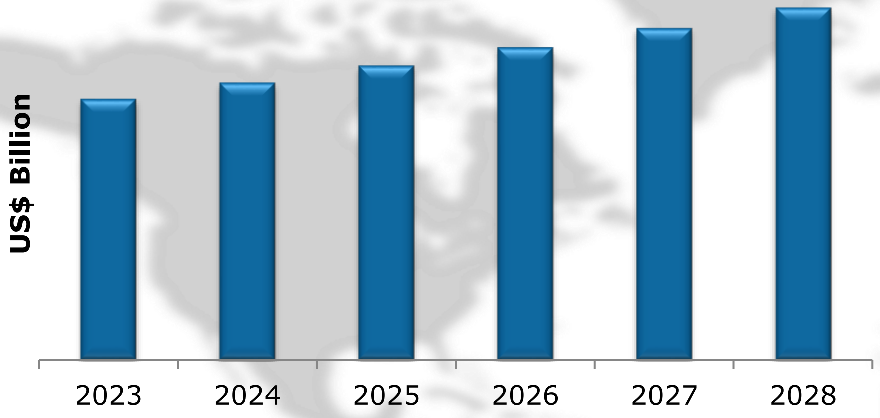
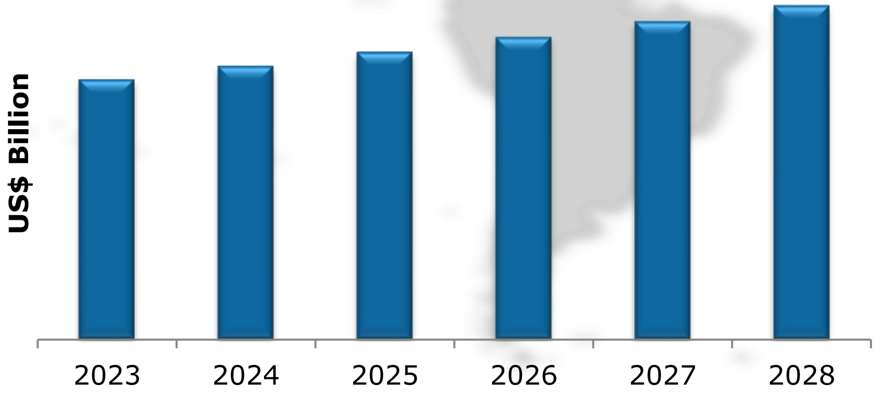
Titanium Dioxide Market: Regional Analysis

Asia Pacific Titanium Dioxide Market by Value



North America Titanium Dioxide Market by Value



Regions	CAGR (2023-2028)
Asia Pacific	xx%
North America	xx%
Europe	xx%
Rest of the World	xx%

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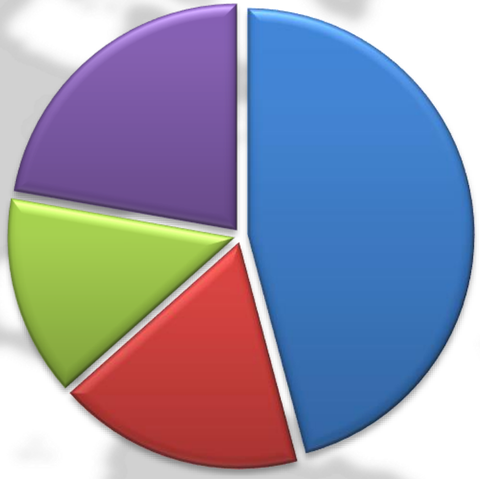
Asia Pacific Titanium Dioxide Market: Analysis

Asia Pacific Titanium Dioxide Market by Region; 2022



Region	Share	CAGR (2023-2028)
China	xx%	xx%
India	xx%	xx%
Japan	xx%	xx%
Rest of Asia Pacific	xx%	xx%

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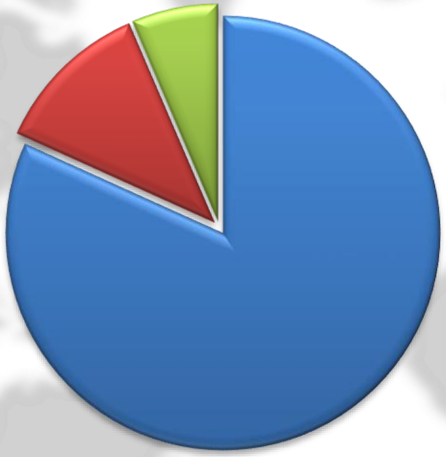
North America Titanium Dioxide Market: Analysis

North America Titanium Dioxide Market by Region; 2022



Region	Share	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

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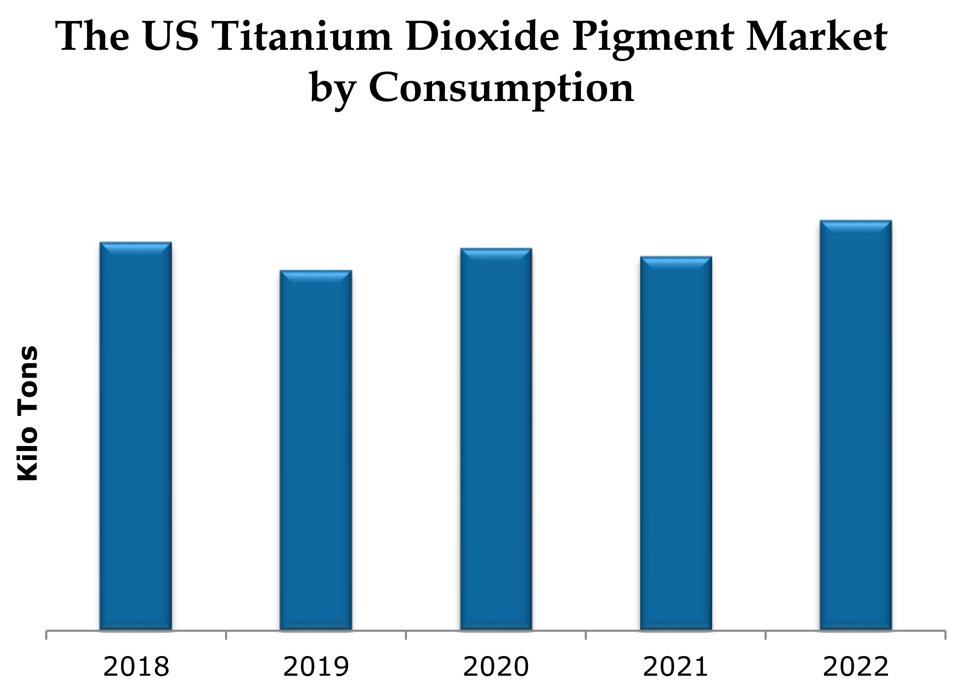
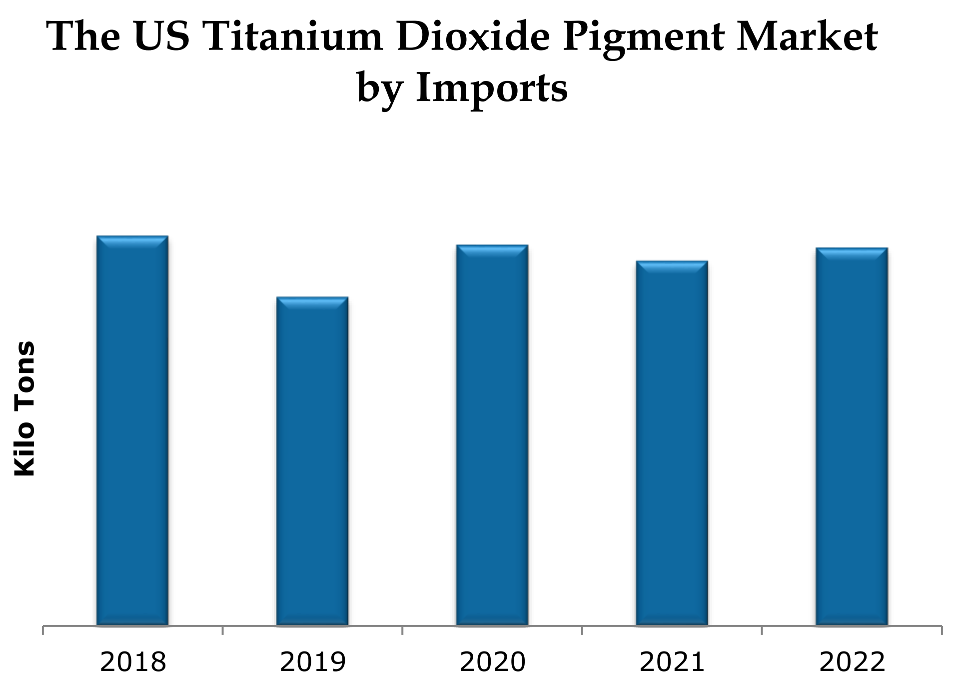
North America Titanium Dioxide Market: Analysis





Europe Titanium Dioxide Market: Analysis

Europe Titanium Dioxide Market by Region; 2022

Region	Share	CAGR (2023-2028)
Germany	xx%	xx%
UK	xx%	xx%
France	xx%	xx%
Rest of Europe	xx%	xx%

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Global Titanium Dioxide Market: Dynamics

Growth Driver

- Rising Automotive Production
- Increasing Cosmetics and Personal Care Products Range

Challenges

- Stringent Environmental Policies Of Governments, Especially in APAC and EU
- Volatility in cost of Titanium Dioxide

Market Trends

- Nanotechnology Integration
- Shift Towards Sustainable Products

Global Titanium Dioxide Market: Competitive Landscape

Players Profiled

- ❑ Ineos Group
- ❑ Tronox Holdings Plc.
- ❑ Kronos Worldwide, Inc.
- ❑ The Chemours Company
- ❑ Evonik Industries AG
- ❑ Iluka Resources Limited
- ❑ Venator Materials PLC
- ❑ LB Group (Lomon Billions)
- ❑ Ishihara Sangyo Kaisha, Ltd.
- ❑ Kerala Minerals and Metals
- ❑ CNNC Hua Yuan Titanium Dioxide Co., Ltd

Global Titanium Dioxide Players by Market Share; 2022