

# Growth Opportunities for Titanium in Global Aerospace Industry 2015-2020

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## Abstracts

According to a new market report published by Lucintel, the future of titanium consumption in the aerospace market looks promising with opportunities in commercial and military aircraft. Titanium in the global aerospace industry is forecast to grow at a CAGR of 3.3% by value from 2015 to 2020. The major growth drivers of this market are increasing deliveries of aircraft, demand for lightweight materials, and increasing penetration of titanium usage per aircraft.

In this market, the commercial aircraft segment is the largest segment in terms of titanium consumption. The demand for titanium in the commercial aircraft segment is expected to remain the largest due to an increase in aircraft delivery and increasing penetration of titanium alloys in commercial aircraft. The regional aircraft segment is likely to experience the highest growth in the forecast period, supported by the rise in delivery of regional aircraft and small base phenomenon.

Within the titanium in global aerospace industry, aircraft structure (airframe) is the largest segment, followed by engine, and it is expected to remain the leading segment by value and volume consumption during the forecast period. Increased focus on weight reduction and fuel efficiency by aircraft manufacturers has augmented the use of titanium alloys in aircraft.

North America is expected to remain the largest market due to the growth in aircraft deliveries and the presence of major aircraft and component manufacturers. The US is the largest consumer of titanium material in the aerospace industry. Europe is expected to witness the highest growth (by value and volume) over the forecast period by virtue of growth in the commercial and regional aircraft markets, followed by Asia Pacific and North America.

For market expansion, the report suggests innovation and new product development, where the unique characteristics of titanium can be capitalized. The report further suggests the development of partnerships with customers and the development of performance-driven solutions for end users. The emerging trends, which have a direct impact on the dynamics of the industry, include developing technologies to reduce production cost and increasing applications of titanium in aircrafts. Precision Castparts Corp., VSMPO-AVISMA Corporation, Allegheny Technologies Incorporated, Baoji Titanium Industry Co. Ltd., RTI International Metals, Inc., and Kobelco Group are among the major suppliers of titanium to the aerospace industry. Some companies are opting for M&A as a strategic initiative for driving growth.

Lucintel, a leading global strategic consulting and market research firm, has analyzed titanium in the global aerospace industry by aircraft type, application type, region and has come up with a comprehensive research report, "Growth Opportunities for Titanium in Global Aerospace Industry 2015-2020: Trends, Forecast, and Opportunity Analysis." The Lucintel report serves as a springboard for growth strategy, as it provides a comprehensive data and analysis on trends, key drivers, and directions. The study includes a forecast for titanium in the global aerospace industry through 2020, segmented by aircraft type, application type, and region as follows:

By aircraft type [value (\$ million) and volume (million pounds) from 2009 to 2020]-

Commercial Aircraft

Regional Aircraft

General Aviation

Helicopter

Military Aircraft

By application type [value (\$ million) and volume (million pounds) from 2009 to 2020]-

Structure (airframe)

Engine

Other

By region [value (\$ million) and volume (million pounds) from 2009 to 2020]-  
North America

Europe

Asia Pacific

Rest of World

This unique report from Lucintel will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report will save hundreds of hours of your own personal research time and will significantly benefit you in expanding your business in this market. In today's stringent economy, you need every advantage that you can find.

To make business, investment, and strategic decisions, you need timely, useful information. This market report fulfills this core need and is an indispensable reference guide for multinational materials suppliers, product manufacturers, investors, executives, distributors, and many more that operate in this market.

Some of the features of "Growth Opportunities for Titanium in Global Aerospace Industry 2015-2020: Trends, Forecast, and Opportunity Analysis" include:

Market size estimates: Titanium in global aerospace industry size estimation in terms of volume (M lbs.) and value (\$M) shipment.

Trend and forecast analysis: Titanium in global aerospace industry trend (2009-2014) and forecast (2015-2020) by region and segment.

Segmentation analysis: Titanium in global aerospace industry size by application and aircraft types such as commercial aircraft, general aviation, helicopter, regional jet and military aircraft both in terms of volume and value shipment.

Regional analysis: Titanium in global aerospace industry breakdown by key regions such as North America, Europe, Asia Pacific, and Rest of World.

Growth opportunities: Analysis on growth opportunities in different applications and regions.

Strategic analysis: This includes M&A, new product development, competitive landscape, and expansion strategies of titanium products suppliers in global aerospace industry.

Emerging applications: Emerging applications of titanium in global aerospace industry in various markets.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

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