

# **India Aluminum Market, By Product Type (Mill Finished, Anodized, Powder Coated, Sheets & Foils, Cable & Wire, Others), By Alloy Type (Wrought Alloys and Cast Alloys), By Processing Method (Flat Rolled, Castings, Extrusions, Forgings, Pigments & Powder, and Rod & Bar), By Application (Automotive & Transportation, Aerospace & Defence, Marine, Building & Construction, Others), By Region, Competition, Forecast & Opportunities, 2018-2028**

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## **Abstracts**

India Aluminum Market is anticipated to register a high CAGR during the forecast period.

Chemical element aluminum has the atomic number 13 and the symbol Al. Aluminum has a density that is around one-third that of steel, which is lower than that of most common metals. It has a strong affinity for oxygen and when exposed to air, an oxide layer develops to protect the surface. Aluminum has a color that is similar to silver and has a high light-reflecting capacity. It is ductile, soft, and non-magnetic. Aluminum is the tenth most prevalent element in the universe and has just one stable isotope, <sup>27</sup>Al, which is also quite abundant. In radio dating, <sup>26</sup>Al's radioactivity is used.

A silver-white, lightweight metallic element, aluminum accounts for 7% of the earth's crust. It is just one-third the weight of steel. Due to its advantageous qualities and traits, such as its malleability, ductility, ease of casting, good corrosion resistance, and durability, it is the most abundant material. It is mined as bauxite ore and mostly occurs as alumina when combined with oxygen. With a share of around 5.3% of the world's

output, India is the fourth-largest producer of aluminum. It benefits from having about 10% of the world's bauxite deposits and a developing aluminum industry. It is anticipated that domestic demand is expected to rise by 8–10%.

### Government Initiatives in the Infrastructure and Construction Sector

The demand for infrastructure in India is tremendous. The government of India has authorized Real Estate Investment Trusts (REITs) to let foreign investors access the country's real estate sector in an effort to hasten the development of India's infrastructure. The Indian market, therefore, offers a USD 19.65 billion opportunity in the upcoming years. The government aims to modernize the building industry's technologies through the Global Housing Technologies Challenge.

The government has set aside USD 29.2 billion for the Smart-Communities program, which seeks to build sustainable communities of the highest caliber possible. With USD 16.5 billion in investments, 75% of the projects were completed by June 2020. The HRIDAY program, which encourages the expansion of historic cities, has received USD 16.5 million from the national government. AMRUT and Pradhan Mantri Awas Yojana (PMAY), a national housing program, among other government programs, are predicted to have a considerable beneficial influence on the infrastructure and building industries. Additionally, Union Finance Minister Nirmala Sitharaman announced in her budget speech for 2023–2024 that the Central Government intended to establish an Urban Infrastructure Development Fund with an annual budget of USD 1221.78 million that is used to build infrastructure in Tier-2 and Tier-3 cities across the country. One of the projects, the government expects to support with USD 2831.48 million in 2023–2024 is the National Capital Region Transport Corporation, which is implementing the Delhi–Meerut rapid transit project. This should have a number of positive effects on the Indian aluminum market, and the CAGR should continue to be high.

### Market Segmentation

The India Aluminum Market is divided into product type, alloy type, processing method and application. Based on the product type, the market is divided into mill finished, anodized, powder coated, sheets & foils, cable & wire, and others. Based on alloy type, the market is segmented into wrought alloys and cast alloys. Based on the processing method, the market is further split into flat rolled, castings, extrusions, forgings, pigments & powder and rod & bar. Based on application, the market is further segmented into automotive & transportation, aerospace & defense, marine, building & construction, and others.

## Market Players

Major market players in India's Aluminum market are Bharat Aluminum Company Ltd, Hindalco Industries Limited, National Aluminium Company Limited, Jindal Aluminium Limited, Vedanta Limited, Gujarat Foils Limited, Alcoa India Private Limited, Universal Prime Aluminum Limited, Sudal Industries Limited, and Synthiko Foils Limited.

## Report Scope:

In this report, the India Aluminum Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### India Aluminum Market, By Product Type:

Mill Finished

Anodized

Powder Coated

Sheets & Foils

Cable & Wire

Others

### India Aluminum Market, By Alloy Type:

Wrought Alloys

Cast Alloys

### India Aluminum Market, By Processing Method,

Flat rolled

Castings

Extrusions

Forgings

Pigments & Powder

Rod & Bar

India Aluminum Market, By Application:

Automotive & Transportation

Aerospace & Defense

Marine

Building & Construction

Others

India Aluminum Market, By Region:

North India

South India

West India

East India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Aluminum Market.

Available Customizations:

Tech Sci Research offers customizations according to a company's specific needs. The

*India Aluminum Market, By Product Type (Mill Finished, Anodized, Powder Coated, Sheets & Foils, Cable & Wire,...*

following customization options are available for the report:

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The data given for any year represents the market during the period, i.e., 1st April of the former year to 31st March of latter year. Eg: For FY2023E, the data represents the period, 1st April 2022 to 31st March 2023.

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