

Chromium Market Report by Grade (Metallurgy, Refractory and Foundry, Chemical), Application (Alloyed Steel Production, Stainless Steel Production, Refractory Additives, Non-Ferrous Alloy Production, and Others), Industry Vertical (Chemical and Petrochemical, Energy and Power, Mining, Steel, Automotive, and Others), and Region 2024-2032

<https://marketpublishers.com/r/CB92A0D62B9FEN.html>

Date: July 2024

Pages: 138

Price: US\$ 3,899.00 (Single User License)

ID: CB92A0D62B9FEN

Abstracts

The global chromium market size reached US\$ 15.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 19.3 Billion by 2032, exhibiting a growth rate (CAGR) of 2.5% during 2024-2032. The growing utilization as micronutrients and nutritional supplements, increasing demand for refractory additives, and rising application in manufacturing car exhaust systems represent some of the key factors driving the market.

Chromium (Cr) refers to a lustrous, brittle, and hard metal that is silver-gray in color and does not tarnish in the air. It is abundantly available in the crust of the earth like rocks, plants, animals, soil, and volcanic gases and dust. It is commercially extracted from chromite, which is an oxide of iron, aluminum, magnesium, and chromium. It is an essential dietary nutrient that is required to potentiate insulin and for normal glucose metabolism, and its deficiency in the body causes various serious health-related disorders. It aids in hardening and manufacturing stainless steel, which enhances the effectiveness of the product. Besides this, it assists in increasing the strength and corrosion resistance of an alloy and considered suitable for electroplating. It is widely utilized in producing refractory additives, alloyed and stainless steel, non-ferrous alloy, and synthetic rubies. Apart from this, Cr is employed in the chemical, petrochemical, energy and power, mining, steel, and automotive industries across the globe.

Chromium Market Trends:

At present, the rising demand for Cr in metallurgical processes to improve hardenability and avoid corrosion resistance and oxidation to other metals represents one of the key factors supporting the growth of the market. Besides this, the growing utilization of Cr in manufacturing car exhaust systems and auto parts, such as seatbelt springs, chassis, fuel tanks, suspensions, and hose clamps, is offering a positive market outlook. Additionally, there is a rise in the utilization of chromium polynicotinate, chromium chloride, and chromium picolinate (CrP) as micronutrients and nutritional supplements for humans and animals worldwide. This, coupled with the increasing demand for CrP to control blood sugar in diabetes and decrease cholesterol and blood pressure levels, is propelling the growth of the market. Apart from this, the rising demand for Cr due to the increasing utilization of stainless steel across the globe is offering lucrative growth opportunities to industry investors. In addition to this, the wide availability of Cr at an affordable price is contributing to the growth of the market. Moreover, the increasing demand for Cr in decorative plating from the metal plating and finishing industry is positively influencing the market. Furthermore, the rising demand for Cr in leather tanning, wood treatment, and paint pigments around the world is strengthening the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global chromium market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on grade, application and industry vertical.

Grade Insights:

Metallurgy

Refractory and Foundry

Chemical

The report has provided a detailed breakup and analysis of the chromium market based on the grade. This includes metallurgy, refractory and foundry, and chemical. According to the report, metallurgy represented the largest segment.

Application Insights:

Alloyed Steel Production

Stainless Steel Production
Refractory Additives
Non-Ferrous Alloy Production
Others

A detailed breakup and analysis of the chromium market based on the application has also been provided in the report. This includes alloyed steel production, stainless steel production, refractory additives, non-ferrous alloy production, and others. According to the report, stainless steel production accounted for the largest market share.

Industry Vertical Insights:

Chemical and Petrochemical
Energy and Power
Mining
Steel
Automotive
Others

A detailed breakup and analysis of the chromium market based on the industry vertical has also been provided in the report. This includes chemical and petrochemical, energy and power, mining, steel, automotive, and others.

Regional Insights:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others) was the largest market for chromium. Some of the factors driving the Asia Pacific chromium market included the presence of highly developed manufacturing industries, large production of stainless steel using chromium, technological advancements, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global chromium market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered include ACI Alloys, Al Tamman Indsil FerroChrome L.L.C, Belmont Metals Inc., Edgetech Industries LLC, Eurasian Resources Group, Ferbasa, Glencore plc, Gulf Mining Materials Company, Odisha Mining Corporation Limited, ProChem Inc. International, RD Mathis Company, Samancor Chrome Ltd., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global chromium market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global chromium market?

What is the impact of each driver, restraint, and opportunity on the global chromium market?

What are the key regional markets?
Which countries represent the most attractive chromium market?
What is the breakup of the market based on the grade?
Which is the most attractive grade in the chromium market?
What is the breakup of the market based on the application?
Which is the most attractive application in the chromium market?
What is the breakup of the market based on the industry vertical?
Which is the most attractive industry vertical in the chromium market?
What is the competitive structure of the global chromium market?
Who are the key players/companies in the global chromium market?

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