

# **Recycled Metal Market Outlook 2025-2034: Market Share, and Growth Analysis By Product( Steel, Aluminum, Copper, Other Products), By Metal( Ferrous, Non-Ferrous, Precious Metals), By End-User**

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## **Abstracts**

The Recycled Metal Market is valued at USD 66.2 billion in 2025 and is projected to grow at a CAGR of 5.1% to reach USD 103.4 billion by 2034.

### Market Overview

The recycled metal market is a significant segment within the global recycling industry, driven by the need for sustainable practices and the rising demand for raw materials. Metals such as aluminum, steel, copper, and lead are widely recycled to reduce environmental impact, conserve natural resources, and decrease energy consumption associated with mining and metal production. The process of recycling metal involves recovering scrap metal from various sources, including industrial waste, old machinery, automobiles, and construction debris, and reprocessing it into new products. This not only helps in reducing the strain on the environment but also provides a cost-effective solution for industries that rely on metals in their manufacturing processes. The market is driven by the increasing adoption of circular economy practices, where recycling metals contributes to a sustainable supply chain, reducing the dependency on virgin resources. Furthermore, growing concerns about climate change and the depletion of natural resources are pushing governments and industries to invest more in recycling initiatives. However, challenges such as fluctuating metal prices, the complexities of metal sorting and cleaning, and the need for better recycling infrastructure in developing regions continue to hinder the market's full potential. The recycled metal market experienced continued growth, with several industries increasingly adopting recycled metals to meet sustainability goals and regulatory requirements. The automotive and

construction sectors remained the primary consumers of recycled metals, especially aluminum and steel, due to their significant role in manufacturing processes. In response to growing consumer demand for eco-friendly products, companies in the electronics, packaging, and transportation industries also increased their use of recycled metals in their production lines. Innovations in recycling technology improved the efficiency and purity of recycled metals, reducing costs and making it a more attractive option for manufacturers. Moreover, the increasing focus on reducing carbon emissions and the implementation of stricter environmental regulations drove companies to look for sustainable alternatives to virgin metals. The demand for aluminum, in particular, surged due to its lightweight properties, which made it a preferred material in industries such as automotive manufacturing and aerospace. Despite these positive developments, the market continued to face challenges such as inconsistent global recycling rates, inefficiencies in sorting and cleaning, and the rising costs of scrap metal collection and transportation. The recycled metal market is expected to see significant advancements driven by increased investments in recycling technologies, such as AI and automation, to enhance the sorting and processing of metal scrap. The rise of electric vehicles (EVs) and the growing demand for lightweight materials in various industries, particularly automotive and construction, will further propel the market for recycled aluminum and steel. The integration of circular economy principles into the manufacturing sector will continue to create new opportunities for the use of recycled metals, with an emphasis on reducing waste and maximizing resource efficiency. Additionally, the increasing adoption of green building standards will fuel the demand for recycled metals in construction projects. Technological advancements in the recovery of rare and precious metals from electronic waste will also open up new markets for recycling. While the market is expected to grow, challenges related to the fragmentation of recycling practices, the high costs of sorting and processing, and fluctuations in metal prices will need to be addressed for the market to realize its full potential. Overcoming these hurdles will be essential in maintaining a steady supply of high-quality recycled metals for global industries.

### Key Insights Recycled Metal Market

Increased demand for lightweight materials, particularly aluminum, in industries such as automotive and aerospace, driving the use of recycled metals.

Adoption of AI and automation technologies in metal sorting and processing, improving the efficiency and quality of recycled metals.

Integration of circular economy practices, promoting the recycling and reuse of

metals in manufacturing processes.

Growth of electric vehicles and green buildings, creating new markets for recycled metals in automotive and construction sectors.

Technological innovations in the recovery of rare and precious metals from electronic waste, further expanding the scope of the recycled metal market.

Rising demand for sustainable materials and eco-friendly manufacturing practices, particularly in the automotive and construction sectors.

Technological advancements in recycling processes, making recycled metals more cost-effective and efficient.

Government regulations and incentives encouraging the use of recycled metals to reduce environmental impact and conserve natural resources.

Increasing adoption of circular economy principles, reducing the need for virgin materials and promoting a sustainable supply chain in various industries.

Fluctuations in global metal prices and the complexities of sorting and processing recycled metal, making it challenging to maintain consistent supply and quality.

## Recycled Metal Market Segmentation

### By Product

Steel

Aluminum

Copper

Other Products

### By Metal

Ferrous

Non-Ferrous

Precious Metals

## By End-User

Construction

Transport And Automotive

Industrial Machinery

Electronics

Defense

Packaging

Military

Consumer Goods

Other End-Users

## Key Companies Analysed

ArcelorMittal S.A.

Nucor Corporation

Commercial Metals Company

Sims Metal Management Limited

Aurubis AG

Novelis Inc.

ELG Haniel Group

Kuusakoski Group Oy

Tata Steel Ltd.

Steel Dynamics Inc.

Norsk Hydro ASA

GFG Alliances

China Baowu Group

HKS Scrap Metals B.V.

AMG Resources Corporation

European Metal Recycling

Schnitzer Steel Industries Inc.

OmniSource Corporation

Alter Trading Corporation

Ferrous Processing & Trading Co.

Metal Management Inc.

Tube City IMS LLC

SA Recycling LLC

Upstate Shredding LLC

PSC Metals Inc.

American Iron & Metal Company

Southern Recycling LLC

Gerdau S.A.

Dowa Holdings Co. Ltd.

Liberty Steel Group

Sims Limited

## Recycled Metal Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

## Recycled Metal Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Recycled Metal market data and outlook to 2034

United States

Canada

Mexico

Europe — Recycled Metal market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Recycled Metal market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Recycled Metal market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Recycled Metal market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Recycled Metal value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable

market sizing and forecasting.

### Key Questions Addressed

What is the current and forecast market size of the Recycled Metal industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

### Your Key Takeaways from the Recycled Metal Market Report

Global Recycled Metal market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Recycled Metal trade, costs, and supply chains

Recycled Metal market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Recycled Metal market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Recycled Metal market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Recycled Metal supply chain analysis

Recycled Metal trade analysis, Recycled Metal market price analysis, and Recycled Metal supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Recycled Metal market news and developments

#### Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

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*\* The updated report will be delivered within 3 working days*

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