

# **Global Galvanized Steel Market Size Study, By End-use (Automotive, Building & Construction, Appliances), By Region (North America, Europe, Asia Pacific, Central & South America, Middle East & Africa) and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G0C3A58291CFEN.html>

Date: March 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G0C3A58291CFEN

## **Abstracts**

The Global Galvanized Steel Market was valued at USD 226.26 billion in 2023 and is anticipated to exhibit a compound annual growth rate (CAGR) of 6.9% over the forecast period 2024-2032, reaching approximately USD 412.48 billion by 2032. Galvanized steel, known for its high durability and corrosion resistance, has emerged as a crucial material in numerous industries, including construction, automotive, manufacturing, and infrastructure development. With rapid industrialization, infrastructure expansion, and growing demand for sustainable materials, galvanized steel continues to be a preferred choice due to its cost-effectiveness, recyclability, and protective coating capabilities.

The increasing adoption of galvanized steel in automotive manufacturing is a key market driver, as automakers seek materials that provide durability and resistance to environmental stressors. With the global shift toward lightweight and energy-efficient vehicles, galvanized steel's enhanced strength and protective properties make it an ideal solution for automotive applications. Additionally, the building & construction sector remains a significant consumer, driven by urbanization and the push toward green and sustainable infrastructure. The rise of high-rise buildings, smart cities, and government-led infrastructure projects across emerging economies is further boosting market growth.

Technological advancements in galvanization processes, such as hot-dip galvanizing (HDG) and electro-galvanizing (EG), have improved steel's performance and efficiency. The market is also witnessing innovations in protective coatings that enhance the

lifespan and durability of steel structures, thereby reducing maintenance costs. The integration of galvanized steel in renewable energy sectors, such as solar panel frames and wind turbines, is another significant opportunity, aligning with the global movement toward sustainability and carbon footprint reduction. However, fluctuating zinc prices and environmental concerns regarding galvanization processes pose challenges that could restrain market expansion.

Regionally, Asia Pacific dominates the galvanized steel market due to strong industrial growth, rapid urbanization, and a thriving manufacturing sector. China and India, in particular, are leading contributors, driven by construction booms and government initiatives to support infrastructure development. North America and Europe are experiencing steady demand due to stringent building codes, sustainable construction practices, and the presence of key automotive manufacturers. Meanwhile, Latin America and the Middle East & Africa are witnessing growing adoption, supported by rising investments in industrial expansion and infrastructure projects.

Major market players included in this report are:

ArcelorMittal

Nippon Steel Corporation

thyssenkrupp

Steel Dynamics Inc.

POSCO Holdings Inc.

JFE Steel Corporation

JSW Steel Limited

Tata Steel

NLMK Group

Jiangsu Shagang Group

Hyundai Steel

China Steel Corporation

Baosteel Group Corporation

United States Steel Corporation

Essar Steel

The detailed segments and sub-segments of the market are explained below:

By End-use:

Automotive

Building & Construction

Appliances

Others

By Region:

North America

U.S.

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Australia

Indonesia

Rest of Asia Pacific

Central & South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Competitive structure and demand-supply analysis.

## Contents

### **CHAPTER 1. GLOBAL GALVANIZED STEEL MARKET EXECUTIVE SUMMARY**

- 1.1. Global Galvanized Steel Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By End-Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL GALVANIZED STEEL MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL GALVANIZED STEEL MARKET DYNAMICS**

- 3.1. Market Drivers
  - 3.1.1. Rising demand for corrosion-resistant materials in construction and

## infrastructure

3.1.2. Increasing use of galvanized steel in the automotive sector

3.1.3. Growth of sustainable and recyclable materials in industrial applications

## 3.2. Market Challenges

3.2.1. Volatility in zinc prices affecting production costs

3.2.2. Environmental concerns related to the galvanization process

## 3.3. Market Opportunities

3.3.1. Expansion of renewable energy infrastructure requiring galvanized steel

3.3.2. Rising investments in urban development and smart cities

3.3.3. Advancements in galvanization technology for enhanced durability

# **CHAPTER 4. GLOBAL GALVANIZED STEEL MARKET INDUSTRY ANALYSIS**

## 4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model

4.1.7. Porter's 5 Force Impact Analysis

## 4.2. PESTEL Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.2.5. Environmental

4.2.6. Legal

## 4.3. Top Investment Opportunities

## 4.4. Top Winning Strategies

## 4.5. Disruptive Trends

## 4.6. Industry Expert Perspective

## 4.7. Analyst Recommendation & Conclusion

# **CHAPTER 5. GLOBAL GALVANIZED STEEL MARKET SIZE & FORECASTS BY END-USE (2022-2032)**

## 5.1. Segment Dashboard

## 5.2. Global Galvanized Steel Market: End-Use Revenue Trend Analysis, 2022 & 2032

(USD Million)

- 5.2.1. Automotive
- 5.2.2. Building & Construction
- 5.2.3. Appliances
- 5.2.4. Others

## **CHAPTER 6. GLOBAL GALVANIZED STEEL MARKET SIZE & FORECASTS BY REGION (2022-2032)**

### **6.1. North America**

#### **6.1.1. U.S.**

##### **6.1.1.1. End-Use breakdown size & forecasts, 2022-2032**

#### **6.1.2. Canada**

#### **6.1.3. Mexico**

### **6.2. Europe**

#### **6.2.1. Germany**

#### **6.2.2. U.K.**

#### **6.2.3. France**

#### **6.2.4. Italy**

#### **6.2.5. Spain**

#### **6.2.6. Rest of Europe**

### **6.3. Asia-Pacific**

#### **6.3.1. China**

#### **6.3.2. India**

#### **6.3.3. Japan**

#### **6.3.4. South Korea**

#### **6.3.5. Australia**

#### **6.3.6. Rest of Asia Pacific**

### **6.4. Latin America**

#### **6.4.1. Brazil**

#### **6.4.2. Argentina**

#### **6.4.3. Rest of Latin America**

### **6.5. Middle East & Africa**

#### **6.5.1. Saudi Arabia**

#### **6.5.2. UAE**

#### **6.5.3. South Africa**

#### **6.5.4. Rest of Middle East & Africa**

## **CHAPTER 7. COMPETITIVE INTELLIGENCE**



- 7.1. Key Company SWOT Analysis
  - 7.1.1. ArcelorMittal
  - 7.1.2. thyssenkrupp
  - 7.1.3. Nippon Steel Corporation
- 7.2. Top Market Strategies
- 7.3. Company Profiles
  - 7.3.1. ArcelorMittal
    - 7.3.1.1. Key Information
    - 7.3.1.2. Overview
    - 7.3.1.3. Financial (Subject to Data Availability)
    - 7.3.1.4. Product Summary
    - 7.3.1.5. Market Strategies
  - 7.3.2. thyssenkrupp
  - 7.3.3. Nippon Steel Corporation
  - 7.3.4. Steel Dynamics Inc.
  - 7.3.5. POSCO HOLDINGS INC.
  - 7.3.6. JFE Steel Corporation
  - 7.3.7. JSW Steel Limited
  - 7.3.8. Tata Steel
  - 7.3.9. NLMK Group
  - 7.3.10. Jiangsu Shagang Group

## **CHAPTER 8. RESEARCH PROCESS**

- 8.1. Research Process
  - 8.1.1. Data Mining
  - 8.1.2. Analysis
  - 8.1.3. Market Estimation
  - 8.1.4. Validation
  - 8.1.5. Publishing
- 8.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Galvanized Steel Market, Report Scope

TABLE 2. Global Galvanized Steel Market Estimates & Forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global Galvanized Steel Market Estimates & Forecasts by End-Use 2022-2032 (USD Million)

TABLE 4. North America Galvanized Steel Market Estimates & Forecasts, 2022-2032 (USD Million)

TABLE 5. Europe Galvanized Steel Market Estimates & Forecasts, 2022-2032 (USD Million)

TABLE 6. Asia-Pacific Galvanized Steel Market Estimates & Forecasts, 2022-2032 (USD Million)

TABLE 7. Latin America Galvanized Steel Market Estimates & Forecasts, 2022-2032 (USD Million)

TABLE 8. Middle East & Africa Galvanized Steel Market Estimates & Forecasts, 2022-2032 (USD Million)

This list is not complete; the final report contains more than 100 tables. The list may be updated in the final deliverable.

## List Of Figures

### LIST OF FIGURES

FIG 1. Global Galvanized Steel Market, Research Methodology

FIG 2. Global Galvanized Steel Market, Market Estimation Techniques

FIG 3. Global Galvanized Steel Market, Key Trends 2023

FIG 4. Global Galvanized Steel Market, Growth Prospects 2022-2032

FIG 5. Global Galvanized Steel Market, Porter's 5 Force Model

FIG 6. Global Galvanized Steel Market, PESTEL Analysis

FIG 7. Global Galvanized Steel Market, Value Chain Analysis

This list is not complete; the final report contains more than 50 figures. The list may be updated in the final deliverable.

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