

Global Steel Rebar Market Size study, by Type (Deformed, Mild), Coating Type (Plain Carbon Steel Rebar, Galvanized Steel Rebar, Epoxy-Coated Steel Rebar), Process Type, Bar Size, End-Use (Infrastructure, Housing, Industrial) and Regional Forecasts 2022-2032

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Abstracts

The Global Steel Rebar Market, a critical component of modern construction frameworks, was valued at approximately USD 234.38 billion in 2023 and is expected to grow steadily at a compound annual growth rate (CAGR) of 4.40% during the forecast period from 2024 to 2032. Steel rebar, with its superior tensile strength and corrosion resistance, has become indispensable in reinforcing concrete structures. As global urbanization intensifies, coupled with burgeoning infrastructure projects, the demand for high-performance steel rebar has seen unprecedented growth. This trajectory is further fueled by advancements in manufacturing processes and innovative coatings that enhance durability and longevity, addressing critical challenges in the construction ecosystem.

The market's upward momentum can be attributed to various converging factors. Increasing investments in infrastructure development, particularly in emerging economies, have heightened the demand for robust reinforcement solutions. Simultaneously, stringent regulatory mandates promoting the use of sustainable and corrosion-resistant materials have pushed manufacturers to innovate, driving the adoption of galvanized and epoxy-coated steel rebar. The housing sector's resurgence, powered by rising disposable incomes and favorable government policies, adds another dimension to the market's expansion. However, fluctuating raw material prices and the high cost of specialty coatings pose notable challenges, potentially tempering growth

over the forecast horizon.

Regionally, the dynamics are multifaceted. In 2023, North America showcased remarkable demand for steel rebar, supported by extensive infrastructure modernization programs across the U.S. and Canada. Europe, with its well-established construction codes and emphasis on sustainable building practices, also commands a significant market share. Meanwhile, the Asia-Pacific region is poised to register the highest growth rate during the forecast period, driven by rapid urbanization, industrialization, and large-scale infrastructure investments in countries such as China, India, and Indonesia. Latin America and the Middle East & Africa regions are also witnessing notable developments, propelled by strategic initiatives in housing and industrial construction.

Major companies shaping the Global Steel Rebar Market include:

ArcelorMittal

Gerdau S.A.

Nippon Steel Corporation

Tata Steel

Hyundai Steel

Nucor Corporation

Commercial Metals Company

JSW Steel

Steel Authority of India Limited (SAIL)

POSCO

Sohar Steel LLC

Kobe Steel Ltd.

Essar Steel

Mechel PAO

Daido Steel Co. Ltd.

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

By Type:

Deformed

Mild

By Coating Type:

Plain Carbon Steel Rebar

Galvanized Steel Rebar

Epoxy-Coated Steel Rebar

By Process Type:

By Bar Size:

By End-Use:

Infrastructure

Housing

Industrial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market estimates and forecasts spanning 10 years (2022 to 2032).

Detailed regional and segmental analysis.

Insights into demand-side and supply-side dynamics shaping the market.

Competitive landscape assessment, including SWOT analysis of major players.

Strategic recommendations for market stakeholders

Contents

CHAPTER 1. GLOBAL STEEL REBAR MARKET EXECUTIVE SUMMARY

- 1.1. Global Steel Rebar Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.2. By Coating Type
 - 1.3.3. By Process Type
 - 1.3.4. By Bar Size
 - 1.3.5. By End User
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL STEEL REBAR 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 STEEL REBAR MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Increasing Urbanization and Infrastructure Development
- 3.1.2. Advancements in Manufacturing Processes and Coatings
- 3.1.3. Rising Demand in Housing and Industrial Sectors

3.2. Market Challenges

- 3.2.1. Fluctuating Raw Material Prices
- 3.2.2. High Cost of Specialty Coatings

3.3. Market Opportunities

- 3.3.1. Expansion in Emerging Markets
- 3.3.2. Innovation in Sustainable and Corrosion-Resistant Materials
- 3.3.3. Strategic Partnerships and Collaborations

CHAPTER 4. GLOBAL STEEL REBAR 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 STEEL REBAR MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global Steel Rebar Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

5.2.1. Deformed

5.2.2. Mild

CHAPTER 6. GLOBAL STEEL REBAR MARKET SIZE & FORECASTS BY COATING TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global Steel Rebar Market: Coating Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1. Plain Carbon Steel Rebar

6.2.2. Galvanized Steel Rebar

6.2.3. Epoxy-Coated Steel Rebar

CHAPTER 7. GLOBAL STEEL REBAR MARKET SIZE & FORECASTS BY PROCESS TYPE 2022-2032

7.1. Segment Dashboard

7.2. Global Steel Rebar Market: Process Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

CHAPTER 8. GLOBAL STEEL REBAR MARKET SIZE & FORECASTS BY BAR SIZE 2022-2032

8.1. Segment Dashboard

8.2. Global Steel Rebar Market: Bar Size Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

CHAPTER 9. GLOBAL STEEL REBAR MARKET SIZE & FORECASTS BY END USE 2022-2032

9.1. Segment Dashboard

9.2. Global Steel Rebar Market: End Use Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

9.2.1. Infrastructure

9.2.2. Housing

9.2.3. Industrial

CHAPTER 10. GLOBAL STEEL REBAR MARKET SIZE & FORECASTS BY REGION 2022-2032

10.1. North America Steel Rebar Market

10.1.1. U.S. Steel Rebar Market

10.1.1.1. Type Breakdown Size & Forecasts, 2022-2032

10.1.1.2. Coating Type Breakdown Size & Forecasts, 2022-2032

10.1.2. Canada Steel Rebar Market

10.2. Europe Steel Rebar Market

10.2.1. UK Steel Rebar Market

10.2.2. Germany Steel Rebar Market

10.2.3. France Steel Rebar Market

10.2.4. Spain Steel Rebar Market

10.2.5. Italy Steel Rebar Market

10.2.6. Rest of Europe Steel Rebar Market

10.3. Asia-Pacific Steel Rebar Market

10.3.1. China Steel Rebar Market

10.3.2. India Steel Rebar Market

10.3.3. Japan Steel Rebar Market

10.3.4. Australia Steel Rebar Market

10.3.5. South Korea Steel Rebar Market

10.3.6. Rest of Asia Pacific Steel Rebar Market

10.4. Latin America Steel Rebar Market

10.4.1. Brazil Steel Rebar Market

10.4.2. Mexico Steel Rebar Market

10.4.3. Rest of Latin America Steel Rebar Market

10.5. Middle East & Africa Steel Rebar Market

10.5.1. Saudi Arabia Steel Rebar Market

10.5.2. South Africa Steel Rebar Market

10.5.3. Rest of Middle East & Africa Steel Rebar Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

11.1. Key Company SWOT Analysis

11.1.1. ArcelorMittal

11.1.2. Gerdau S.A.

11.1.3. Nippon Steel Corporation

- 11.2. Top Market Strategies
- 11.3. Company Profiles
 - 11.3.1. ArcelorMittal
 - 11.3.1.1. Key Information
 - 11.3.1.2. Overview
 - 11.3.1.3. Financial (Subject to Data Availability)
 - 11.3.1.4. Product Summary
 - 11.3.1.5. Market Strategies
 - 11.3.2. Tata Steel
 - 11.3.3. Hyundai Steel
 - 11.3.4. Nucor Corporation
 - 11.3.5. Commercial Metals Company
 - 11.3.6. JSW Steel
 - 11.3.7. Steel Authority of India Limited (SAIL)
 - 11.3.8. POSCO
 - 11.3.9. Sohar Steel LLC
 - 11.3.10. Kobe Steel Ltd.
 - 11.3.11. Essar Steel
 - 11.3.12. Mechel PAO
 - 11.3.13. Daido Steel Co. Ltd.

CHAPTER 12. RESEARCH PROCESS

- 12.1. Research Process
 - 12.1.1. Data Mining
 - 12.1.2. Analysis
 - 12.1.3. Market Estimation
 - 12.1.4. Validation
 - 12.1.5. Publishing
- 12.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Steel Rebar Market, Report Scope

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

TABLE 3. Global Steel Rebar Market Estimates & Forecasts by Type 2022-2032 (USD
Million/Billion)

TABLE 4. Global Steel Rebar Market Estimates & Forecasts by Coating Type
2022-2032 (USD Million/Billion)

TABLE 5. Global Steel Rebar Market Estimates & Forecasts by Process Type
2022-2032 (USD Million/Billion)

TABLE 6. Global Steel Rebar Market Estimates & Forecasts by Bar Size 2022-2032
(USD Million/Billion)

TABLE 7. Global Steel Rebar Market Estimates & Forecasts by End Use 2022-2032
(USD Million/Billion)

TABLE 8. Global Steel Rebar Market by Segment, Estimates & Forecasts, 2022-2032
(USD Million/Billion)

TABLE 9. Global Steel Rebar Market by Region, Estimates & Forecasts, 2022-2032
(USD Million/Billion)

TABLE 10. North America Steel Rebar Market Estimates & Forecasts, 2022-2032 (USD
Million/Billion)

TABLE 11. U.S. Steel Rebar Market Estimates & Forecasts by Segment 2022-2032
(USD Million/Billion)

TABLE 12. Canada Steel Rebar Market Estimates & Forecasts by Segment 2022-2032
(USD Million/Billion)

...

List Of Figures

LIST OF FIGURES

- FIG 1. Global Steel Rebar Market, Research Methodology
- FIG 2. Global Steel Rebar Market, Market Estimation Techniques
- FIG 3. Global Market Size Estimates & Forecast Methods
- FIG 4. Global Steel Rebar Market, Key Trends 2023
- FIG 5. Global Steel Rebar Market, Growth Prospects 2022-2032
- FIG 6. Global Steel Rebar Market, Porter's 5 Force Model
- FIG 7. Global Steel Rebar Market, PESTEL Analysis
- FIG 8. Global Steel Rebar Market, Value Chain Analysis
- FIG 9. Global Steel Rebar Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 10. Global Steel Rebar Market by Coating Type, 2022 & 2032 (USD Million/Billion)
- FIG 11. Global Steel Rebar Market by End Use, 2022 & 2032 (USD Million/Billion)
- FIG 12. Global Steel Rebar Market by Region, 2022 & 2032 (USD Million/Billion)
- FIG 13. North America Steel Rebar Market, 2022 & 2032 (USD Million/Billion)
- FIG 14. Europe Steel Rebar Market, 2022 & 2032 (USD Million/Billion)
- FIG 15. Asia-Pacific Steel Rebar Market, 2022 & 2032 (USD Million/Billion)
- FIG 16. Latin America Steel Rebar Market, 2022 & 2032 (USD Million/Billion)
- FIG 17. Middle East & Africa Steel Rebar Market, 2022 & 2032 (USD Million/Billion)
- FIG 18. Global Steel Rebar Market, Company Market Share Analysis (2023)

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This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable

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