

# Flat Steel Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

<https://marketpublishers.com/r/F5870A8D5D0EEN.html>

Date: October 2024

Pages: 200

Price: US\$ 4,850.00 (Single User License)

ID: F5870A8D5D0EEN

## Abstracts

The Global Flat Steel Market reached a valuation of USD 522 billion in 2023, and it is set to grow at a CAGR exceeding 5.9% from 2024 to 2032. The rising demand for energy-efficient, eco-friendly, and cost-effective materials across the construction and automotive industries is a primary growth driver. Flat steel's durability, versatility, and recyclability make it an appealing choice for various applications, aligning well with the increasing focus on sustainable materials. Growing urbanization and infrastructure investments have elevated the demand for durable, low-carbon materials. The construction industry, responsible for a significant portion of global carbon emissions, increasingly turns to flat steel to enhance the environmental performance of buildings. However, market expansion faces challenges due to the volatility in raw material costs and potential supply chain disruptions, which can impact the stability of flat steel prices. The hot rolled coils segment is set to see notable growth, with a projected 7% CAGR by 2032. Hot-rolled sheets and coils are essential in construction and manufacturing due to their adaptability. Additionally, electrical sheet and strip products are in high demand as they improve energy efficiency in transformers and motors, while metallic-coated sheets are gaining traction in the automotive and appliance sectors for their corrosion resistance. The non-metallic coated sheets and strips are also emerging as lightweight, aesthetic solutions for packaging and consumer goods industries.

The building and infrastructure sector accounted for 55.3% of the flat steel market, valued at approximately USD 289.1 billion in 2023, with a projected 6% CAGR from 2024 to 2032. This segment benefits from ongoing urbanization and large-scale infrastructure projects that rely on durable, high-quality flat steel. Meanwhile, the automotive and transportation industries adopt flat steel as they shift toward lightweight materials to improve fuel efficiency. In the mechanical equipment industry, the demand for robust materials continues to grow, while the electrical appliances sector emphasizes energy-efficient designs and appealing aesthetics, driving innovative

applications for flat steel. U.S. flat steel market is projected to reach USD 69.1 billion by 2032, growing at a 4.8% CAGR.

The U.S. market is undergoing significant shifts fueled by technological advancements and economic factors. Increasing demand for high-strength, lightweight materials in the automotive and aerospace sectors reflects a trend towards improved fuel efficiency and lower emissions. Additionally, renewed investments in construction and infrastructure bolster demand for flat steel, particularly for residential and commercial building projects.

## Contents

### Report Content

#### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market scope & definition
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid sources
    - 1.4.2.2 Public sources

#### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry synopsis, 2021-2032

#### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
  - 3.1.1 Factor affecting the value chain
  - 3.1.2 Profit margin analysis
  - 3.1.3 Disruptions
  - 3.1.4 Future outlook
  - 3.1.5 Manufacturers
  - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
- 3.7 Industry impact forces
  - 3.7.1 Growth drivers
    - 3.7.1.1 Increasing infrastructure development
    - 3.7.1.2 Rising demand from the automotive sector
    - 3.7.1.3 Expansion of renewable energy projects
  - 3.7.2 Market challenges

- 3.7.2.1 Environmental regulations and sustainability pressures
- 3.8 Regulations & market impact
- 3.9 Porter's analysis
- 3.10 PESTEL analysis

## **CHAPTER 4 COMPETITIVE LANDSCAPE, 2023**

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

## **CHAPTER 5 MARKET SIZE AND FORECAST, BY PRODUCT, 2021-2032 (USD BILLION) (MILLION TONS)**

- 5.1 Key trends
- 5.2 Hot rolled flat sheets
- 5.3 Hot rolled coils
- 5.4 Electrical sheet & strip
- 5.5 Metallic coated sheet & strip
- 5.6 Non-metallic coated sheet & strip
- 5.7 Tin plates

## **CHAPTER 6 MARKET SIZE AND FORECAST, BY END USE, 2021-2032 (USD BILLION) (MILLION TONS)**

- 6.1 Key trends
- 6.2 Building & infrastructure
- 6.3 Automotive & transportation
- 6.4 Mechanical equipment
- 6.5 Electrical appliances
- 6.6 Agriculture equipment
- 6.7 Gas containers
- 6.8 Others

## **CHAPTER 7 MARKET SIZE AND FORECAST, BY REGION, 2021-2032 (USD BILLION) (MILLION TONS)**

- 7.1 Key trends

## 7.2 North America

### 7.2.1 U.S.

### 7.2.2 Canada

## 7.3 Europe

### 7.3.1 UK

### 7.3.2 Germany

### 7.3.3 France

### 7.3.4 Italy

### 7.3.5 Spain

### 7.3.6 Russia

## 7.4 Asia Pacific

### 7.4.1 China

### 7.4.2 India

### 7.4.3 Japan

### 7.4.4 South Korea

### 7.4.5 Australia

## 7.5 Latin America

### 7.5.1 Brazil

### 7.5.2 Mexico

## 7.6 MEA

### 7.6.1 South Africa

### 7.6.2 Saudi Arabia

### 7.6.3 UAE

## **CHAPTER 8 COMPANY PROFILES**

### 8.1 Allegheny Technologies (ATI)

### 8.2 ArcelorMittal

### 8.3 China Steel Corporation

### 8.4 Essar Steel

### 8.5 Gerdau S.A.

### 8.6 Hyundai Steel Co., Ltd.

### 8.7 Nucor Corporation

### 8.8 Nippon Steel & Sumitomo Metal Corporation (NSSMC)

### 8.9 POSCO

### 8.10 Severstal JSC

### 8.11 Thyssenkrupp AG

### 8.12 Tata Steel Limited

### 8.13 Voestalpine Group

## 8.14 Wuhan Iron & Steel Corporation (WISCO)

## I would like to order

Product name: Flat Steel Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

Product link: <https://marketpublishers.com/r/F5870A8D5D0EEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F5870A8D5D0EEN.html>