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US Collection

Metal Services: United States

September 2021



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About This Report

Scope

This report forecasts to 2021 and 2025 US metal services revenues in nominal US dollars at the manufacturer level. Total revenues are segmented by product in terms of:

- ferrous metals
- nonferrous metals

Total revenues are also segmented by market as follows:

- industrial
- resale
- construction
- operations
- export
- other markets such as consumer and repair shops

This report also forecasts US metal coating and heat-treating revenues in nominal US dollars at the wholesale level to 2021 and 2025. Revenues are segmented in terms of:

- coating
- electroplating
- heat treating

To illustrate historical trends, total revenues and the various segments are provided in annual series from 2010 to 2020.

The scope of this report includes metal products sold by service centers operating independently or by primary metal manufacturers. Any wholesaling of metals without providing further services, by either the primary metal mills or other distributors such as service centers, is excluded. In addition, any processing of metal (e.g., hot-rolling and cold-rolling) done by mills as part of standard production processes before the metal is marketed for sale is excluded.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Metal Services: United States (FF95056) represents the synthesis and analysis of data from various secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 7 | NAICS & SIC Codes Related to Metal Services

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
331110	Iron and Steel Mills and Ferroalloy Manufacturing	3312	Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills
331313	Alumina Refining and Primary Aluminum Production	3351	Rolling, Drawing, and Extruding Of Copper
331315	Aluminum Sheet, Plate, and Foil Manufacturing	3353	Aluminum Sheet, Plate, and Foil
331420	Copper Rolling, Drawing, Extruding, and Alloying	3354	Aluminum Extruded Products
331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	3355	Aluminum Rolling and Drawing, Not Elsewhere Classified
332811	Metal Heat Treating	3356	Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum
332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers	3398	Metal Heat Treating
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	3471	Electroplating, Plating, Polishing, Anodizing, and Coloring
423510	Metal Service Centers and Other Metal Merchant Wholesalers	3479	Coating, Engraving, and Allied Services, Not Elsewhere Classified
		5051	Metals Service Centers and Offices

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a

variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

The Freedonia Group

Freedonia Industry Studies

Global Refractories

Freedonia Focus Reports

Aluminum: United States

Construction: United States

Fabricated Metal Products: United States

Industrial Castings: United States

Insulated Wire & Cable: United States

Lead: United States

Manufacturing: United States

Metal Roofing: United States

Metal Stampings: United States

Oil & Natural Gas Pipe: United States

Recovered Metals: United States

Refractories: United States

Sheet Metal: United States

Steel Pipe: United States

Steel Mill Products: United States

Titanium: United States

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Trade Publications

American Metal Market

Automotive News

Metal Bulletin

Metal Center News

Agencies & Associations

The Aluminum Association

American Galvanizers Association

American Iron & Steel Institute

Association of Steel Distributors

Copper & Brass Servicenter Association

Metals Service Center Institute

Metal Treating Institute

National Coil Coating Association

North American Steel Alliance
United States Department of Commerce
 Bureau of Economic Analysis
 United States Census Bureau
United States Geological Survey