

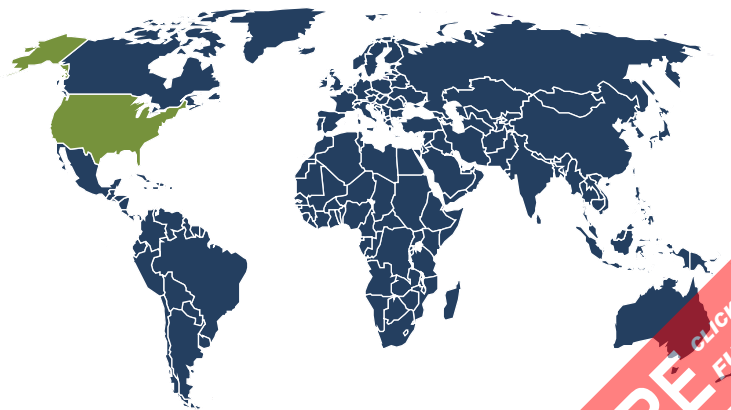


Freedonia Focus Reports
US Collection

Steel Pipe:

United States

October 2020



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Table of Contents

1. Highlights	3
2. Market Environment	5
Historical Trends	5
Key Economic Indicators	6
Oil & Gas Pipeline Construction	7
Environmental & Regulatory Factors	8
3. Segmentation & Forecasts	11
Markets	11
Oil & Natural Gas	14
Structural & Mechanical	15
Potable Water	16
Industrial Processing	16
Conduit	17
Storm & Sanitary Sewer	18
Irrigation	18
Supply & Demand	20
4. Industry Structure	22
Industry Characteristics	22
Market Share	23
Tenaris	24
Zekelman Industries	25
Vallourec	25
5. About This Report	26
Scope	26
Sources	26
Industry Codes	27
Freedonia Methodology	27
Resources	29

List of Tables & Figures

Figure 1 Key Trends in US Steel Pipe Demand, 2019 – 2024	3
Figure 2 US Steel Pipe Demand Trends, 2009 – 2019	5
Table 1 Key Indicators for US Steel Pipe Demand, 2009 – 2024 (US\$ bil)	6
Figure 3 US Steel Pipe Demand by Market, 2009 – 2024 (US\$ bil)	11
Table 2 US Steel Pipe Demand by Market, 2009 – 2024 (US\$ mil)	11
Table 3 Steel Pipe Markets: Major Applications, Drivers, & Restraints	13
Table 4 US Steel Pipe Demand, 2009 – 2024 (mil lbs & mil linear ft)	14
Figure 4 US Steel Pipe Demand by Market, 2009 – 2024 (%)	19
Figure 5 US Steel Pipe Supply & Demand, 2009 – 2024 (US\$ bil)	20
Table 5 US Steel Pipe Supply & Demand, 2009 – 2024 (US\$ mil)	20
Figure 6 US Steel Pipe Market Share by Company, 2019 (%)	23
Table 6 Leading Suppliers to the US Steel Pipe Market by Product	24
Table 7 NAICS & SIC Codes Related to Steel Pipe	27

About This Report

Scope

This report forecasts to 2024 US steel pipe demand and shipments in nominal US dollars at the manufacturer level. Total demand is also forecast to 2024 in pounds and linear feet. Total demand in dollars is segmented by market in terms of:

- oil and natural gas
- structural and mechanical
- potable water
- industrial processing
- conduit
- storm and sanitary sewer
- irrigation

To illustrate historical trends, total demand in nominal US dollars is provided in annual series from 2009 to 2019; shipments, demand in volume terms, and the various segments are reported at five-year intervals for 2009, 2014, and 2019.

Although distinctions are sometimes made between pipes and tubes, for the purposes of this report the terms “pipe”, “tube”, and “tubular products” are used interchangeably. Fittings are excluded from the scope of this report.

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

Steel Pipe: United States (FF60040) is based on [Pipe Products & Markets](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, 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

About This Report

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 Steel Pipe

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
331210	Iron and steel pipe and tube manufacturing from purchased steel	3317	Steel pipe and tubes
332996	Fabricated pipe and pipe fitting manufacturing	3498	Fabricated pipe and pipe fittings

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

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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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Fabricated Metal Products: United States

Freight Services: United States

Industrial Castings: United States

Lead: United States

Oil & Natural Gas Pipe: United States

Natural Gas: United States

Plastic Pipe: United States

Refined Petroleum Products: United States

Sheet Metal: United States

Steel Mill Products: United States

Titanium: United States

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