



Freedonia Focus Reports
US Collection

Copper Pipe: United States

June 2022



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About This Report

Scope

This report forecasts to 2026 US copper pipe demand in pounds, linear feet, and nominal US dollars at the manufacturer level. Total demand by value is segmented by market in terms of:

- structural and mechanical
- potable water
- drain, waste, and vent
- oil and natural gas
- industrial processing
- irrigation

To illustrate historical trends, total demand by value is provided in annual series from 2011 to 2021; total demand in pounds, total demand in linear feet, and the various segments by value are reported at five-year intervals for 2011, 2016, and 2021.

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. Additionally, pipe lining and relining is not counted in 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

Copper Pipe: United States (FF60018) 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

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

Industry Codes

Table 5 | NAICS & SIC Codes Related to Copper Pipe

| NAICS/SCIAN 2017 North American Industry Classification System | | SIC Standard Industrial Classification | |
|---|--|---|---|
| 331420 | Copper rolling, drawing, extruding, and alloying | 3351 | Rolling, drawing, and extruding of copper |
| 332996 | Fabricated pipe and pipe fitting manufacturing | 3498 | Fabricated pipe and pipe fittings |
| 335932 | Noncurrent-carrying wiring device manufacturing | 3644 | Noncurrent-carrying wiring devices |

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

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Pipe Products & Markets

Freedonia Industry Studies

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Commercial Refrigeration Equipment

Consumer Water Treatment

Global Commercial Refrigeration Equipment

Global Food Processing Machinery

Global Housing

Global HVAC Equipment

Global Industrial Valves

Global Plastic Pipe

Global Plumbing Products

Global Prefabricated Housing

Global Pumps

Insulated Wire & Cable

Plumbing Fixtures & Fittings

Precast Concrete Products

Prefabricated Housing

Water Features for Landscaping

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Manufacturing: United States

Metal Stampings: United States

Natural Gas: United States

Oil & Natural Gas Pipe: United States

Plastic Pipe: United States

Polyethylene: United States

Polyvinyl Chloride: United States

Sheet Metal: United States

Steel Mill Products: United States

Transport Equipment: United States

Water: United States

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Trade Publications

Chemical Week

ICIS Chemical Business

Journal of Light Construction

Oil & Gas Journal

Pipeline & Gas Journal

Plastics News

Trenchless Technology

Agencies & Associations

Copper Development Association

Federal Energy Regulatory Commission

National Association of Home Builders

United States Census Bureau

United States Department of Agriculture

United States Energy Information Administration

United States Environmental Protection Agency

United States International Trade Commission