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Zinc: United States

March 2018



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About This Report

Scope & Method

This report forecasts to 2022 US refined zinc demand and production in metric tons. Total demand is segmented by application in terms of:

- galvanized steel
- zinc-based alloys
- brass and bronze
- other applications

To illustrate historical trends, total demand, total production, the various segments, and trade are provided in annual series from 2007 to 2017. Global historical average prices for high-grade zinc cited from the World Bank are provided for 2007-2017; forecasts are also reported for 2018-2022.

Re-exports of zinc are excluded from demand and trade figures.

This report 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.

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

Sources

Zinc: United States (FF65015) represents the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications

About This Report

- 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 9 | Industry Codes Related to Zinc

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Classification	
212231	Lead Ore and Zinc Ore Mining	1031	Lead and Zinc Ores
331419	Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum)	3339	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum
331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	3341	Secondary Smelting and Refining of Nonferrous Metals
331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)	3356	Rolling, Drawing, and Extruding of Nonferrous Metals, except Copper and Aluminum

Source: US Census Bureau

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Resources

The Freedonia Group

Freedonia Industry Studies

Metal Roofing Market in the US, August 2017
Global Flame Retardants Market, February 2017
Paint & Coatings: US Market Forecasts, February 2017
Single-Use (Primary) Batteries in the US, November 2016
Rechargeable (Secondary) Batteries, September 2016

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Industrial Castings: United States
Lead: United States
Motor Vehicles: United States
Steel Mill Products: United States
Tin: United States

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Trade Publications

American Metal Market
GalvInfo Center
Metal Bulletin
S&P Global Platts

Agencies & Associations

American Galvanizers Association
American Iron and Steel Institute
ASM International
Association for Iron & Steel Technology
International Lead & Zinc Study Group
International Zinc Association
United States Department of Commerce
 Bureau of Economic Analysis
 United States Census Bureau
United States Department of Labor
 Bureau of Labor Statistics
United States Geological Survey
The World Bank Group