

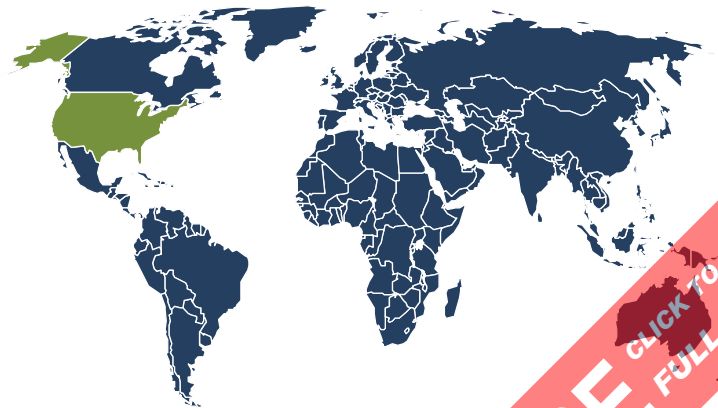


Freedonia Focus Reports
US Collection

Chromium:

United States

July 2015



Highlights

Market Environment

Historical Market Size and Trends | Key Economic Indicators
Environmental and Regulatory Factors | Global Overview

Segmentation and Forecasts

Materials | Applications

Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts US chromium demand in metric tons to 2019. Total demand is segmented by material in terms of:

- high-carbon ferrochromium
- low-carbon ferrochromium
- other materials such as chromium metal and ferrochromium silicon.

Demand represents the gross weight of chromium consumed in the US. Chromium is defined as chromium ferroalloys and chromium metal. Chromite ore, foundry sand, refractories, chromium chemicals, and recycled stainless steel scrap are excluded from reported demand figures.

Total demand is also segmented by application as follows:

- stainless and heat-resisting steel
- other steel alloys such as carbon steel and electrical steel
- superalloys
- other metal alloys such as aluminum alloys, cobalt alloys, and nickel alloys.

To illustrate historical trends, total demand and the various segments are provided in annual series from 2004 to 2014.

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 . 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

Chromium: United States (FF65011) 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
- 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

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
212299	All Other Metal Ore Mining	1061	Ferroalloy Ores, Except Vanadium
331111	Iron and Steel Mills	3312	Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills
331112	Electrometallurgical Ferroalloy Product Manufacturing	3313	Electrometallurgical Products, Except Steel
331419	Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum)	3339	Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum

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