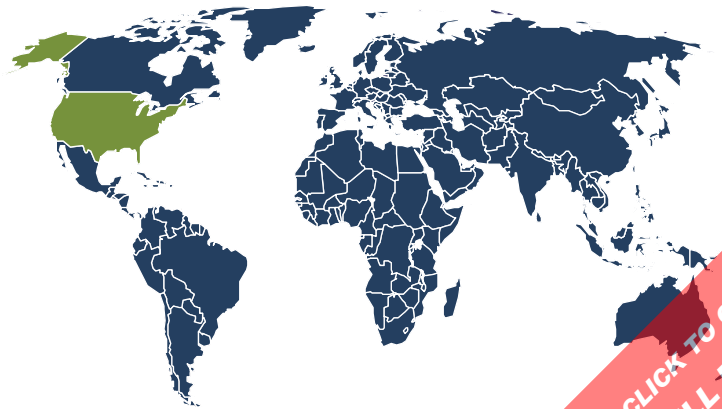




Freedonia Focus Reports
US Collection

Lithium: United States

September 2015



Highlights

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Historical Trends | Key Economic Indicators | Environmental and Regulatory Factors
Production Overview | NAFTA Overview

Segmentation and Forecasts

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ABOUT THIS REPORT

Scope & Method

This report forecasts US lithium demand and mine production in metric tons to 2019.

Total demand is segmented by product in terms of:

- lithium carbonate
- lithium hydroxide
- lithium minerals
- other products such as pure lithium metal, lithium chloride, and butyllithium.

This report analyzes the US market for lithium, reported in terms of metric tons of lithium metal content. The value of the lithium market is assessed in terms of lithium carbonate equivalent (LCE).

Total demand is also segmented by market as follows:

- glass and ceramics
- lubricating grease
- rechargeable batteries
- primary batteries
- metallurgy
- other markets such as air treatment equipment, pharmaceuticals, and rubber and polymer applications.

To illustrate historical trends, total demand and mine production are provided in annual series from 2004 to 2014; the various segments are reported at five-year intervals for 2009 and 2014.

This report quantifies trends in various measures of growth. 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. 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 at five-year intervals with CAGRs for the years corresponding to other reported figures. 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

Lithium: United States (FF65063) is based on [World Lithium](#), a comprehensive industry study published by The Freedonia Group in September 2015. Reported findings represent 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 industry 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 | |
| 212393 | Other Chemical and Fertilizer Mineral Mining | 1479 | Chemical and Fertilizer Mineral Mining, NEC |
| 325181 | Alkalies and Chlorine Mfg | 2812 | Alkalies and Chlorine |
| 325188 | All Other Basic Inorganic Chemical Mfg | 2819 | Industrial Inorganic Chemicals, NEC |
| 335911 | Storage Battery Mfg | 3691 | Storage Batteries |
| 335912 | Primary Battery Mfg | 3692 | Primary Batteries, Dry and Wet |

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