



Freedonia Focus Reports
World Collection

World Lithium

September 2015



Highlights

World Overview and Forecasts

Demand by Product | Demand by Market | Production Overview

Regional Trends and Forecasts

Regional Demand Overview | North America | Western Europe | Asia/Pacific
Other Regions

Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts total world demand in 2019 for lithium by product, market, and major world region in metric tons. Product segments include:

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

This report analyzes the global market for lithium, reported in terms of metric tons of lithium metal content. The value of the world lithium market is assessed in terms of lithium carbonate equivalent (LCE). Additionally, the scope of this report encompasses lithium mine production, comprising the lithium metal extracted from subsurface brines and mineral ore deposits.

Reported markets encompass:

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

Major world regions include:

- North America
- Western Europe
- Asia/Pacific
- all other regions.

Demand by product segment is also forecast for each major world region.

To illustrate historical trends world, product, market, and regional demand (including product segments) are provided for 2009 and 2014. Further, regional demand is segmented by market for 2014.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends

and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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

World Lithium (FW65063) is based on [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
335911	Storage Battery Mfg	3691	Storage Batteries
335912	Primary Battery Mfg	3692	Primary Batteries, Dry and Wet

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