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Gypsum: United States

July 2018



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About This Report

Scope & Method

This report forecasts to 2022 US gypsum demand and crude gypsum production in metric tons. Total demand is segmented by product in terms of:

- crude gypsum
- synthetic gypsum

Total demand is also segmented by application as follows:

- board
- cement
- other applications such as agriculture, pharmaceuticals, and plastics

Also provided are forecasts to 2022 for gypsum products (i.e., board and plaster) demand in nominal US dollars at the manufacturer level.

To illustrate historical trends, total demand, crude gypsum production, the various segments, gypsum products demand in value terms, and trade are provided in annual series from 2007 to 2017.

Board demand quantities include the weight of paper, metal, and other materials incorporated into the product. Re-exports of crude gypsum 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

Gypsum: United States (FF60022) 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

Table 12 | NAICS & SIC Codes Related to Gypsum

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
212399	All Other Nonmetallic Mineral Mining	1499	Miscellaneous Nonmetallic Minerals, Except Fuels
327420	Gypsum Product Manufacturing	3275	Gypsum Products
423390	Other Construction Material Merchant Wholesalers	5039	Construction Materials, NEC

Source: US Census Bureau

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Resources

The Freedonia Group

Freedonia Industry Studies

Kitchen & Bath Remodeling, March 2018

Siding in the US, January 2018

Insulation in the US, December 2017

Global Housing Outlook, October 2017

Roofing US Forecasts, September 2017

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Trade Publications

Engineering News-Record

Global Gypsum Magazine

The Journal of Light Construction

Agencies & Associations

American Coal Ash Association

The Associated General Contractors of America

Association of the Wall and Ceiling Industry

California Department of Resources Recycling and Recovery

Gypsum Association

Industrial Minerals Association – North America

National Association of Home Builders

National Mining Association

United States Census Bureau

United States Consumer Product Safety Commission

United States Environmental Protection Agency

United States Geological Survey

United States International Trade Commission