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# Lime: United States

October 2017



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# About This Report

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## Scope & Method

This report forecasts US lime demand and production in metric tons to 2021. Total demand is segmented by product in terms of:

- quicklime
- hydrated lime
- refractory lime.

The term “lime” comprises manufactured lime forms and excludes limestone and dolomite, which are used as feedstock. Regenerated lime, produced as a byproduct at paper mills, carbide plants, and water treatment facilities, is also excluded from the scope of this report.

Total demand is also segmented by application as follows:

- metallurgical
- environmental
- industrial
- construction
- refractory.

To illustrate historical trends, total demand, total production, and the various segments are provided in annual series from 2006 to 2016.

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

*Lime: United States* (FF60030) 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 8 | Industry Codes Related to Lime

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
327410	Lime Manufacturing	3274	Lime

Source: US Census Bureau

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## Resources

### The Freedonia Group

#### Freedonia Industry Studies

*Asphalt Market Forecasts*, July 2017  
*Global Water Treatment Chemicals Market*, June 2017  
*Paving Asphalt Market in the US*, June 2017  
*Asphalt Shingles Market in the US*, May 2017  
*Drilling Fluids & Chemicals Market in the US*, May 2017  
*World Drywall & Building Plaster*, October 2016  
*World Industrial Silica Sand*, October 2016

#### Freedonia Focus Reports

*Asphalt: United States*  
*Coal: United States*  
*Construction: United States*  
*Drywall & Building Plaster: United States*  
*Mining & Quarrying: United States*  
*Natural Gas: United States*  
*Steel Mill Products: United States*  
*Water Treatment Chemicals: United States*

#### Freedonia Custom Research

### Trade Publications

*Industrial Minerals*  
*Masonry Magazine*  
*The Mining Journal*  
*Pit & Quarry*  
*Power Engineering*

### Agencies & Associations

Industrial Minerals Association – North America  
International Lime Association  
National Lime Association  
United States Census Bureau  
United States Department of Transportation  
United States Environmental Protection Agency  
United States Geological Survey  
United States International Trade Commission