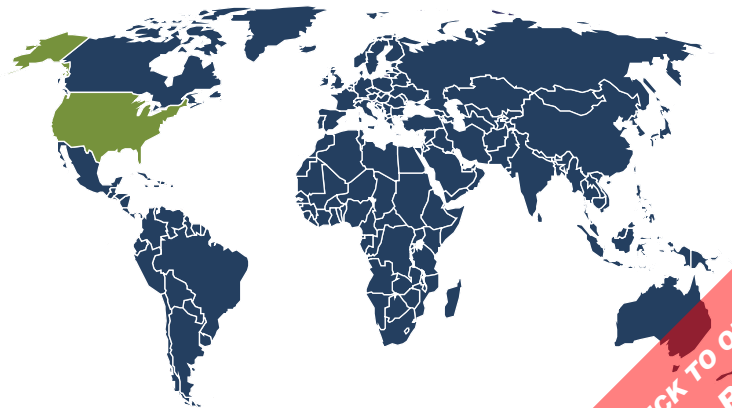


Freedonia Focus Reports
US Collection



Cement & Concrete Additives: United States

October 2016



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Environmental and Regulatory Factors
Technology | Cement and Concrete Overview

Segmentation and Forecasts

Products | Markets

Industry Structure

Industry Composition and Characteristics | Companies Cited

Resources

CLICK TO ORDER
FULL REPORT
BROCHURE
CLICK TO ORDER
FULL REPORT

ABOUT THIS REPORT

Scope & Method

This report forecasts US cement and concrete additive demand in US dollars at the manufacturers' level to 2020. Total demand is segmented by product in terms of:

- chemicals
- minerals
- fibers.

Furthermore, US cement and concrete demand and cement production is forecasted to 2020 in tons.

Stainless steel fibers used for specialized refractory cements, as opposed to construction and building applications, are not included in the scope of this report, nor are coatings, stains, or other construction chemicals used in conjunction with finished concrete. For the purposes of this report, mineral materials added to cement or concrete that do not chemically react in the cement mix, such as ceramic cenospheres, are considered aggregate and are excluded. In this report, the term "additive" is used in favor of "admixture"; "additive" is intended to be a more inclusive term that also considers gypsum and other materials added to either cement or concrete, while "admixture" is typically defined more narrowly as a substance other than cement, aggregate, or water added to affect the plasticity, air content, curing time, and other characteristics of concrete.

Total demand is also segmented by market as follows:

- building construction
- highways and streets
- other markets such as oil and gas wells, sewer and water systems, and airport runways.

To illustrate historical trends, total cement and concrete additive demand in dollars, total cement and concrete demand in tons, and cement production in tons are provided in annual series from 2005 to 2015; the various segments are reported at five-year intervals for 2010 and 2015.

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

Cement & Concrete Additives: United States (FF60050) is based on [Cement & Concrete Additives](#), a comprehensive industry study published by The Freedonia Group in October 2016. 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	
327310	Cement Manufacturing	3241	Cement, Hydraulic
327320	Ready-Mix Concrete Manufacturing	3271	Concrete Block & Brick
327331	Concrete Block & Brick Manufacturing	3273	Ready-Mixed Concrete

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

Table of Contents

Section	Page
About This Report	i
Highlights	1
Market Environment	2
Historical Trends.....	2
Chart 1 US Cement & Concrete Additive Demand Trends, 2005-2015 (US\$ mil)	3
Key Economic Indicators	4
Table 1 Key Indicators for US Cement & Concrete Additive Demand; 2010, 2015, 2020 (US\$ bil)	4
Environmental & Regulatory Factors	5
Technology	7
Cement & Concrete Overview	9
Chart 2 US Cement Demand; 2005-2015, 2020 (mil tons)	9
Chart 3 US Cement Production; 2005-2015, 2020 (mil tons).....	10
Chart 4 US Concrete Demand; 2005-2015, 2020 (mil tons)	11
Segmentation & Forecasts.....	12
Products.....	12
Chart 5 US Cement & Concrete Additive Demand by Product; 2010, 2015, 2020 (US\$ mil)	12
Chemicals.....	12
Minerals.....	14
Fibers.....	16
Chart 6 US Cement & Concrete Additive Demand by Product Share; 2010, 2015, 2020 (%)	18
Markets	19
Chart 7 US Cement & Concrete Additive Demand by Market; 2010, 2015, 2020 (US\$ mil).....	19
Building Construction.....	19
Highways & Streets.....	21
Other Markets.....	23
Chart 8 US Cement & Concrete Additive Demand by Market Share; 2010, 2015, 2020 (%).....	24
Industry Structure.....	25
Industry Composition & Characteristics.....	25
Chart 9 US Cement & Concrete Additive Market Share by Supplier, 2015.....	26
Market Share.....	26
Companies Cited	29
Resources	30

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
 PDF bookmarks are also available for navigation.

RESOURCES

The Freedonia Group

<i>3455 Cement & Concrete Additives</i> , October 2016	www.freedoniagroup.com
Related Industry Studies	
<i>3389 World Construction Aggregates</i> , March 2016	see study contents
<i>3358 World Cement & Concrete Additives</i> , January 2016	see study contents
<i>3348 Fiber Cement</i> , December 2015	see study contents
<i>3351 World Asphalt (Bitumen)</i> , November 2015	see study contents
<i>3304 Asphalt</i> , July 2015	see study contents
Related Focus Reports	
<i>Cement: United States</i>	see report contents
<i>Construction Aggregates: United States</i>	see report contents
<i>Construction: United States</i>	see report contents
<i>Fiber Cement Products: United States</i>	see report contents
<i>Nonresidential Building Construction: United States</i>	see report contents
<i>World Cement & Concrete Additives</i>	see report contents
Freedonia Custom Research	see capabilities

Trade Publications

<i>Building Design & Construction</i>	www.bdcnetwork.com
<i>Concrete Construction</i>	www.concreteconstruction.net
<i>ConcreteNetwork.com</i>	www.concretenetwork.com
<i>The Concrete Producer</i>	www.theconcreteproducer.com
<i>Concrete Products</i>	www.concreteproducts.com
<i>ICIS Chemical Business</i>	www.icis.com
<i>IHS Chemical Week</i>	www.chemweek.com

Agencies & Associations

American Chemical Society	www.acs.org
American Coal Ash Association	www.aaaa-usa.org
American Concrete Institute	www.concrete.org
ASTM International	www.astm.org
Federal Aviation Administration	www.faa.gov
Federal Highway Administration	www.fhwa.dot.gov
Portland Cement Association	www.cement.org
United States Census Bureau	www.census.gov
United States Environmental Protection Agency	www.epa.gov
United States International Trade Commission	www.usitc.gov

Environmental Impact. Please consider the environment before printing this report. Freedonia Focus Report collections feature environmentally friendly products distributed entirely via electronic channels.