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Global Cement

June 2021



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Table of Contents

1. Highlights	3
2. Global Overview & Forecasts	5
Demand by Product	5
Portland Cement	6
Blended Cement	7
Specialty Cement	8
Demand by Market	10
Residential Buildings	11
Nonresidential Buildings	11
Infrastructure & Other Markets	12
3. Regional Segmentation & Forecasts	14
Regional Production Overview	14
Regional Demand Overview	16
North America	18
Western Europe	20
Asia/Pacific	22
Other Regions	24
Central & South America	25
Eastern Europe	25
Africa/Mideast	26
4. Industry Structure	28
Industry Characteristics	28
Market Share	29
China National Building Material (CNBM)	30
LafargeHolcim	31
Anhui Conch Cement	31
5. About This Report	32
Scope	32
Sources	32
Industry Codes	33
Freedonia Methodology	33
Resources	35

List of Tables & Figures

Figure 1 Global Cement Market Outlook, 2020 – 2025	4
Figure 2 Global Cement Demand by Product, 2010 – 2025 (bil m tons)	5
Table 1 Global Cement Demand by Product, 2010 – 2025 (mil m tons)	5
Figure 3 Global Cement Demand by Product, 2010 – 2025 (%)	9
Figure 4 Global Cement Demand by Market, 2010 – 2025 (bil m tons)	10
Table 2 Global Cement Demand by Market, 2010 – 2025 (mil m tons)	10
Figure 5 Global Cement Demand by Market, 2010 – 2025 (%)	13
Figure 6 Global Cement Production by Region, 2010 – 2025 (bil m tons)	14
Table 3 Global Cement Production by Region, 2010 – 2025 (mil m tons)	14
Figure 7 Global Cement Production by Region, 2010 – 2025 (%)	15
Figure 8 Global Cement Demand by Region, 2010 – 2025 (bil m tons)	16
Table 4 Global Cement Demand by Region, 2010 – 2025 (mil m tons)	16
Figure 9 Global Cement Demand by Region, 2010 – 2025 (%)	17
Figure 10 North America: Cement Demand by Product, 2010 – 2025 (mil m tons)	18
Figure 11 North America: Cement Demand by Market, 2010 – 2025 (mil m tons)	18
Table 5 North America: Cement Demand by Product & Market, 2010 – 2025 (mil m tons)	19
Figure 12 Western Europe: Cement Demand by Product, 2010 – 2025 (mil m tons)	20
Figure 13 Western Europe: Cement Demand by Market, 2010 – 2025 (mil m tons)	20
Table 6 Western Europe: Cement Demand by Product & Market, 2010 – 2025 (mil m tons)	21
Figure 14 Asia/Pacific: Cement Demand by Product, 2010 – 2025 (bil m tons)	22
Figure 15 Asia/Pacific: Cement Demand by Market, 2010 – 2025 (bil m tons)	22
Table 7 Asia/Pacific: Cement Demand by Product & Market, 2010 – 2025 (mil m tons)	23
Figure 16 Other Regions: Cement Demand by Region, 2010 – 2025 (mil m tons)	24
Figure 17 Other Regions: Cement Demand by Product, 2010 – 2025 (mil m tons)	24
Table 8 Other Regions: Cement Demand by Region & Product, 2010 – 2025 (mil metric tons)	27
Figure 18 Global Cement Market Share by Company, 2020 (%)	29
Table 9 Leading Suppliers to the Global Cement Market	30
Table 10 NAICS & SIC Codes Related to Cement	33
Table 11 HS Codes Related to Cement	33

About This Report

Scope

This report forecasts to 2025 global demand for cement by product, market, and major world region in metric tons. Product segments include:

- portland cement
- blended cement
- specialty cement

Reported markets encompass:

- residential buildings
- nonresidential buildings
- infrastructure and other markets

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions.

To illustrate historical trends, world, product, market, and regional demand (including product and market segments) are provided for 2010, 2015, and 2020. Finally, global production is segmented by major world region and provided for 2010, 2015, 2020, and 2025.

Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Global Cement (FW60013) is based on a [comprehensive industry study](#) published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental 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

About This Report

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 10 | NAICS & SIC Codes Related to Cement

NAICS/SCIAN 2017 North American Industry Classification System		SIC Standard Industrial Classification	
327310	Cement Manufacturing	3241	Cement, Hydraulic

Source: US Census Bureau

Table 11 | HS Codes Related to Cement

HS Code	Definition
2523.21	Portland cement, aluminous cement, slag cement, supersulfate cement and similar hydraulic cements, whether or not colored or in the form of clinkers
2523.30	Aluminous cement
2523.90	Other hydraulic cements

Source: United Nations Statistics Division

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product

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lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia 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.

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Global Fiber Cement

Global Flooring

Global Housing

Global Prefabricated Housing

Global Siding (Cladding)

Hard Surface Flooring

Precast Concrete Products

Prefabricated Housing

Siding

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Chinese Cement Association
Eurostat
India Brand and Equity Foundation
Japan Cement Association
National Institute of Statistics and Geography (INEGI, Mexico)
National Union of the Cement Industry (SNIC Brazil)
Portland Cement Association
Statistics Canada
UN Comtrade
United States Geological Survey
United States International Trade Commission
World Cement Association