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Precast Concrete Products: United States

July 2018



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About This Report

Scope & Method

This report forecasts to 2022 US precast concrete demand in nominal US dollars at the manufacturer level. Total demand is segmented by product in terms of:

- structural building components
- architectural building components
- transportation products
- water and wastewater handling products
- other products

Total demand is also segmented by market as follows:

- commercial buildings
- nonbuilding
- residential buildings
- agricultural

To illustrate historical trends, total demand is provided in annual series from 2007 to 2017; total shipments and the various segments are reported at five-year intervals for 2007, 2012, and 2017.

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

Precast Concrete Products: United States (FF60059) is based on [Precast Concrete Products in the US](#), a comprehensive industry study published by The Freedonia Group. Reported

About This Report

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 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 6 | NAICS & SIC Codes Related to Precast Concrete

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
327390	Concrete Products Except Brick, Block, & Pipe	3272	Concrete Products, NEC

Source: US Census Bureau

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Resources

The Freedonia Group

Precast Concrete Products in the US, July 2018

Freedonia Industry Studies

Siding Market in the US, January 2018

Roofing: US Forecasts, September 2017

Windows & Doors Market Forecasts, September 2017

Roofing: US Forecasts, September 2017

Cement & Concrete Additives, October 2016

Fencing, September 2016

Roofing Underlay Market in the US, November 2016

Hard Surface Flooring, April 2015

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Housing: United States

Nonresidential Building Construction: United States

Prefabricated Housing: United States

Roofing: United States

Freedonia Custom Research

Trade Publications

Architectural Precast Association

Cast Stone Institute

National Precast Concrete Association

Precast/Prestressed Concrete Institute

Railway Tie Association

Stormwater Equipment Manufacturers Association

Agencies & Associations

Architectural Precast Association

Cast Stone Institute

National Precast Concrete Association

Precast/Prestressed Concrete Institute

Railway Tie Association

Stormwater Equipment Manufacturers Association

United States Census Bureau

United States International Trade Commission