

Global Cement Market Outlook to 2027

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Abstracts

Cement is a powder of alumina, silica, lime, iron oxide, and magnesium oxide burned together in a kiln which is used to make objects adhere to each other, used to build solid, hard surfaces and structures. According to BlueQuark Research & Consulting, the global Cement market is expected to witness a significant growth rate during the forecasted period. Factors like increasing the use of Cement in the residential sector for construction and building works, masonry, plaster, tiling works as it has good binding properties are expected to drive the global Cement Market. Further, Cement is used in concrete as it is the key material used worldwide due to its excellent properties such as high strength and water resistance property is projected to drive the Global Cement Market. Furthermore, Cement is used in the grouting processes such as filling cracks, joints, openings in foundations, and other commercial structures, which helps to improve their strength is expected to drive the Global Cement Market. However, its manufacture has several negative consequences for the environment and human health. Breathing in the dust particles causes difficulty in breathing. It irritates the nose and throat, and the danger of getting exposed to the diseases such as lung cancer is expected to hinder the future market growth of Cement.

Cement is used in building and construction, masonry, plaster, and tiling work. It is used in concrete and grouting processes to fill cracks, joints, openings in fountains, and other commercial structures. It is used to prepare cement mortar, build fireproof and thermal proof structures, hydrographic and frost resistant structures, chemical proof structures. It is also used to manufacture concrete roads, pipes, garden seats, flower pots, dustbins, and aesthetic designs.

The Building & Construction Industry is Cement's most primary and vital consumerand is estimated to drive the global demand for Cement. Structures should be built with excellent fire-resistant materials like cement to endure high temperatures and prevent fire mishaps. High alumina cement is used for construction in high-temperature areas,



making the industry's market grow. According to U.S. Geological Survey, Portland Cement production in the United States is expected to increase slightly to 87 million tonnes in 2020, while masonry cement production is expected to fall slightly to 2.3 million tonnes. Quick setting cement is used when there is limited time to construct underwater constructions, driving the demand for cement. Hydrophobic cement is more resistant to frost, and it is used to build structures in snowy areas, which are projected to drive the need for the Cement market. Thus, the above factors have made the Building & Construction industry a vital segment of growth for the Global market of Cement.

The Asia Pacific region is on its way to becoming the global leader in the production and consumption of Cement, with most of the consumption in populated countries like China and India. China is the world's largest Cement producer, accounting for 57% of worldwide Cement production, followed by India (6%). There is an increase in the adoption of Cement in the building & construction sector, and Cement is mainly used as a binder for all types of constructions including housing, roads, schools, hospitals, dams, and ports, as well as in various decorative applications, expected to drive the global Cement market. Due to increasing urbanization, concrete is one of the most efficient and cost-effective building materials for energy-efficient commercial structures, thus adding to the Cement market demand in the region. Mirco fine Cement is used in grouting to fill very fine cracks or fill deep thin gaps, driving the need for the Global Cement Industry. Due to the growing population and urbanization, Cement roads are used for high-standard roads that are stronger than all other types of roads with a long life span even without proper maintenance, thus driving the Global Cement Industry. Cement is used for making pipes for drains, pipes under culverts, water tanks, septic tanks, and many other things garden seats, flower pots, dustbins, lamp posts, etc., due to its strength and ease of construction, is driving the global Cement market. Therefore, mentioned factors have made the Asia Pacific region a vital area for the development of Cement.

Some of the market's key players are Cemex S.A.B de C.V., UltraTech Cement Limited, HeidelbergCement AG, Anhui Conch Cement Co., Ltd, Holcim Limited, among others.

In December 2021, according to research by Crisil, cement prices were anticipated to rise by INR 15-20 in the coming months, reaching an all-time high of INR 400 per bag due to higher raw materials like coal and diesel.

In December 2021, Udaipur Cement Works Limited, a subsidiary of JK Lakshmi Cement Limited, introduced CNG-based trucks to dispatch cement.



In July 2021, JSW Cement raised INR 1,500 crore from AppolloGlobal Management Inc. and Synergy Metals Investments Holdings, the two global private equity firms. This investment will help to accelerate its capacity expansion from 14 MTPA to 25 MTPA.

Global Cement Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Cement market by segmenting based on the By Type (Ordinary Portland Cement, Portland Pozzolana Cement, Rapid Hardening Cement, Low Heat Cement, High Alumina Cement, White Cement, Others), By Composition (Calcium Oxide (Lime), Silicon Dioxide (Silica), Aluminum Oxide (Alumina), Iron Oxide, Water, Sulfate), By Application (Building & Construction, Concrete, Grouting, Concrete Roads, Cement Mortor, Others) and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.



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