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United States Cement Industry Market Size and Forecast by Value and Volume Across 80+ Market Segments by Cement Products, Distribution Channel, Market Share, Import - Export, End Markets - 2020-2029

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Report description:

According to ConsTrack360, the cement market in United States is expected to grow by 4.5% annually to reach US$15,229.4 million in 2025.

The cement market in the country recorded strong growth during 2020-2024, achieving a CAGR of 5.2%. Growth momentum is expected to remain positive, with the market projected to expand at a CAGR of 4.2% during 2025-2029. By the end of 2029, the cement market is projected to expand from its 2024 value of US$14,572.1 million to approximately US$17,951.4 million.

The U.S. cement industry is undergoing an accelerated transformation driven by historic federal infrastructure investments, tightening carbon regulations, and technological advancements. While supply chains have stabilized post-COVID, the industry faces pressures from fluctuating energy prices, environmental compliance costs, and capacity constraints in high-growth regions.

Leading cement producers are responding through vertical integration, carbon capture investments, and expansion of low-carbon cement portfolios. Public procurement reforms and growing demand for green-certified materials are reshaping competitive dynamics. The next growth wave will be led by firms aligning with ESG mandates, leveraging digital tools, and scaling resilient supply chains.

The U.S. cement industry is at a strategic inflection point, balancing robust infrastructure-driven growth with escalating sustainability expectations. Cement producers must lead in emissions transparency, low-carbon innovation, and supply chain resilience to stay relevant in public procurement and ESG-aligned construction. Firms that integrate CCUS, digital logistics, and circular material flows will unlock efficiency gains and secure preferential access to federal and state-backed projects. While regulatory and cost pressures persist, proactive modernization offers a clear path toward long-term profitability and climate alignment. With strategic capital deployment and policy alignment, the U.S. cement sector can become a global model for green infrastructure material innovation.

Federal Infrastructure and Residential Construction Are Leading Demand Growth
- Infrastructure Investment and Jobs Act (IIJA) Projects Are Cement Anchors: Cement demand is being driven by federally funded highway, bridge, port, and broadband projects under the $1.2 trillion IIJA.States like Texas, California, and Florida have seen increased bulk cement movement tied to highway and energy corridor construction.
- Residential and Industrial Projects Continue to Drive Regional Demand: Despite interest rate hikes, residential construction remains resilient in Sun Belt states, supporting demand for bagged and precast cement.Cement usage has grown in industrial facility builds including EV battery plants and semiconductor fabs-in states like Arizona, Ohio, and Georgia.
- Commercial Construction Growth is Slower but Focused on Logistics and Data Centers: While office space and retail segments remain muted, data center and warehouse developments are supporting demand for specialty and high-performance cement variants.

Strategic Partnerships and Low-Carbon Investments Are Shaping Industry Direction
- Carbon Capture and Utilization Projects Are Gaining Traction: Holcim US is advancing its carbon capture pilot in Colorado with Svante, supported by Department of Energy (DOE) grants.Heidelberg Materials North America announced a full-scale CCUS project in Mitchell, Indiana, aimed at capturing 95% of plant emissions.
- Blended and Alternative Cements Are Expanding Product Offerings: CEMEX USA and Argos USA have introduced blended cement lines using limestone, pozzolans, and slag to meet LEED and state DOT standards.These products are increasingly favored in public tenders requiring compliance with Buy Clean California and other state-level low-carbon procurement rules.
- Circular Economy Collaborations Are Being Scaled: Producers are partnering with construction waste handlers and utilities to expand use of recycled aggregates and fly ash. In 2023-2024, Ash Grove Cement (a CRH company) signed deals to co-process waste fuels at its Midwestern plants, reducing reliance on coal and petcoke.

Production Is Constrained by Energy Prices, Permitting, and Regional Imbalances
- High Fuel and Power Costs Are Increasing Per-Ton Costs: Cement kiln operations are sensitive to natural gas, petroleum coke, and electricity volatility, particularly in California and the Northeast. Firms are investing in energy recovery systems and exploring utility partnerships for demand response programs.
- Quarry Permitting and Environmental Approval Timelines Are Lengthening: Local community opposition and tightened state-level regulations (especially in California, New York, and Washington) are delaying raw material extraction projects. Cement producers are expanding use of supplementary cementitious materials (SCMs) to reduce virgin raw material dependency.
- Logistics and Rail Constraints Affect Supply in High-Growth Regions: Cement distribution bottlenecks persist in Texas and the Midwest due to rail car availability and truck driver shortages. Companies are expanding terminal infrastructure and digitizing logistics coordination to reduce inventory lag.

Favorable Outlook Driven by Green Procurement and Infrastructure Continuity
- IIJA and CHIPS Act Funding Will Sustain Cement Demand Through 2028: Cement usage in federally funded transportation, energy grid, and semiconductor projects is projected to remain strong over the next 3-5 years.Major firms have secured multi-year contracts with infrastructure contractors and state DOTs.
- Green Public Procurement Mandates Will Shape Market Access: Federal Buy Clean Initiative and state-level rules (e.g., Buy Clean California, New York's Low Embodied Carbon Concrete Leadership Act) are prioritizing EPD-certified cement. Firms with lifecycle emissions data and digital traceability tools are favored in federal and institutional procurement.
- Sustainable Innovation Funding Will Support Product Evolution: DOE and EPA funding streams are backing projects for carbon-neutral cement, kiln electrification, and SCM expansion. Cement firms with R&D partnerships are accelerating trials of calcined clay blends and CO? mineralization additives.

Risks Are Emerging from Carbon Regulation, Labor Shortages, and Regional Volatility
- Carbon Pricing and Disclosure Requirements Are Tightening: The U.S. Securities and Exchange Commission (SEC) climate disclosure rule and evolving EPA carbon standards are creating reporting and compliance burdens.Plants without CCUS or low-carbon substitution plans risk future regulatory penalties and reduced procurement eligibility.
- Labor Availability and Skills Gap Are Impacting Plant and Logistics Efficiency: Aging workforce and shortage of certified technicians are delaying kiln maintenance, automation rollouts, and transport operations.Producers are investing in upskilling programs and AI-driven plant operations to mitigate workforce gaps.
- Supply Chain Volatility and Import Competition Pose Strategic Risk: While the U.S. is largely self-sufficient in cement, imports from Canada, Mexico, and Asia fluctuate with freight prices and port availability.Tariff changes or supply chain shocks could disrupt price stability in coastal and border states.

This report provides a detailed data-centric analysis of the the cement industry in United States, covering market opportunities and analysis across a range of the cement domains. With over 80+ KPIs at the country level, this report provides a comprehensive understanding of the cement market dynamics, market size and forecast, and market share statistics.

ConsTrack360's research methodology is based on industry best practices. Its unbiased analysis leverages a proprietary analytics platform to offer a detailed view of emerging business and investment market opportunities.

Table of Contents:

13.2. United States Direct Channel Cement Market Size and Forecast, 2020 - 2029
13.3. United States Indirect Channel Cement Market Size and Forecast, 2020 - 2029

14. United States Cement Dynamics and Outlook by End-User by Value
14.1. United States Market Share Analysis by Cement End-User, 2024
14.2. United States Ready-Mix Concrete Producers Cement Market Size and Forecast, 2020 - 2029
14.3. United States Consumers Cement Market Size and Forecast, 2020 - 2029
14.4. United States Concrete Product Manufacturers Cement Market Size and Forecast, 2020 - 2029
14.5. United States Others Cement Market Size and Forecast, 2020 - 2029

15. United States Cement Dynamics and Outlook by Location by Value
15.1. United States Market Share Analysis by Cement Location, 2024
15.2. United States Tier-I Cement Market Size and Forecast, 2020 - 2029
15.3. United States Tier-II Cement Market Size and Forecast, 2020 - 2029
15.4. United States Tier-III Cement Market Size and Forecast, 2020 - 2029

16. United States Total Cement Industry Average Price and Forecast, 2020 - 2029

17. United States Cement Average Price by Type of Cement
17.1. United States Portland Cement Average Price and Forecast, 2020 - 2029
17.2. United States Blended Cement Average Price and Forecast, 2020 - 2029
17.3. United States Specialty Cement Average Price and Forecast, 2020 - 2029
17.4. United States Green Cement Average Price and Forecast, 2020 - 2029

18. United States Total Cement Industry Market Volume and Forecast, 2020 - 2029

19. United States Cement Market Volume Dynamics by Type of Cement by Volume
19.1. United States Market Volume Trend Analysis by Type of Cement, 2024
19.2. United States Portland Cement Market Volume and Forecast, 2020 - 2029
19.3. United States Blended Cement Market Volume and Forecast, 2020 - 2029
19.4. United States Specialty Cement Market Volume and Forecast, 2020 - 2029
19.5. United States Green Cement Market Volume and Forecast, 2020 - 2029

20. United States Blended Cement Type Demand Analysis and Outlook by Volume
20.1. United States Market Volume Trend Analysis by Blended Cement Type, 2024
20.2. United States Type IS (X), Portland-Slag Cement Market Volume and Forecast, 2020 - 2029
20.3. United States Type IP (X), Portland-Pozzolan Cement Market Volume and Forecast, 2020 - 2029
20.4. United States Type IL (X), Portland-Limestone Cement Market Volume and Forecast, 2020 - 2029
20.5. United States Type IT, Ternary Blended Cement Market Volume and Forecast, 2020 - 2029

21. United States Specialty Cement Type Demand Analysis and Outlook by Volume
21.1. United States Market Volume Trend Analysis by Specialty Cement Type, 2024
21.2. United States Rapid Hardening Cement Market Volume and Forecast, 2020 - 2029
21.3. United States High Alumina Cement Market Volume and Forecast, 2020 - 2029
21.4. United States White Cement Market Volume and Forecast, 2020 - 2029
21.5. United States Sulphate Resistant Cement Market Volume and Forecast, 2020 - 2029
21.6. United States Others Cement Market Volume and Forecast, 2020 - 2029

22. United States Cement Market Dynamics by Market Volume
22.1. United States Market Volume Trend Analysis by Cement Markets, 2024
22.2. United States Cement in Residential Buildings Market Volume and Forecast, 2020 - 2029
22.3. United States Cement in Non-Residential Buildings Market Volume and Forecast, 2020 - 2029
22.4. United States Cement in Infrastructure & Other Markets Volume and Forecast, 2020 - 2029

23. United States Residential Buildings Cement Market Demand Analysis and Outlook by Volume
23.1. United States Market Volume Trend Analysis by Residential Buildings Cement Market, 2024
23.2. United States Cement in Multi Family Market Volume and Forecast, 2020 - 2029
23.3. United States Cement in Single Family Market Volume and Forecast, 2020 - 2029

24. United States Non-Residential Buildings Cement Market Demand Analysis and Outlook by Volume
24.1. United States Market Volume Trend Analysis by Non-Residential Buildings Cement Market, 2024
24.2. United States Cement in Commercial Construction Market Volume and Forecast, 2020 - 2029
24.3. United States Cement in Industrial Construction Market Volume and Forecast, 2020 - 2029
24.4. United States Cement in Institution Construction Market Volume and Forecast, 2020 - 2029

25. United States Infrastructure & Other Cement Market Demand Analysis and Outlook by Volume
25.1. United States Market Volume Trend Analysis by Infrastructure & Other Cement Market, 2024

26. United States Non-Residential Commercial Construction Cement Market Demand Analysis and Outlook by Volume
26.1. United States Cement Market Volume Trend Analysis by Non-Residential Commercial Construction Market, 2024
26.2. United States Cement in Office Buildings Market Volume and Forecast, 2020 - 2029
26.3. United States Cement in Retail Buildings Market Volume and Forecast, 2020 - 2029
26.4. United States Cement in Hospitality Buildings Market Volume and Forecast, 2020 - 2029
26.5. United States Cement in Restaurant Market Volume and Forecast, 2020 - 2029
26.6. United States Cement in Sports Facilities Market Volume and Forecast, 2020 - 2029
26.7. United States Cement in Other Market Volume and Forecast, 2020 - 2029

27. United States Non-Residential Industrial Construction Cement Market Demand Analysis and Outlook by Volume
27.1. United States Cement Market Volume Trend Analysis by Non-Residential Industrial Construction Market, 2024
27.2. United States Cement in Manufacturing Plants Market Volume and Forecast, 2020 - 2029
27.3. United States Cement in Chemical & Pharmaceutical Market Volume and Forecast, 2020 - 2029
27.4. United States Cement in Metal & Material Processing Market Volume and Forecast, 2020 - 2029

28. United States Non-Residential Institutional Construction Cement Market Demand Analysis and Outlook by Volume
28.1. United States Cement Market Volume Trend Analysis by Non-Residential Institutional Construction Market, 2024
28.2. United States Cement in Healthcare Construction Market Volume and Forecast, 2020 - 2029
28.3. United States Cement in Educational Construction Market Volume and Forecast, 2020 - 2029
28.4. United States Cement in Other Construction Market Volume and Forecast, 2020 - 2029

29. United States Cement Dynamics and Outlook by Distribution Channel by Volume
29.1. United States Market Volume Trend Analysis by Cement Distribution Channel, 2024
29.2. United States Direct Channel Cement Market Volume and Forecast, 2020 - 2029
29.3. United States Indirect Channel Cement Market Volume and Forecast, 2020 - 2029

30. United States Cement Dynamics and Outlook by End-User by Volume
30.1. United States Market Volume Trend Analysis by Cement End-User, 2024
30.2. United States Ready-Mix Concrete Producers Cement Market Volume and Forecast, 2020 - 2029
30.3. United States Consumers Cement Market Volume and Forecast, 2020 - 2029
30.4. United States Concrete Product Manufacturers Cement Market Volume and Forecast, 2020 - 2029
30.5. United States Other End Users Cement Market Volume and Forecast, 2020 - 2029

31. United States Cement Dynamics and Outlook by Location by Volume
31.1. United States Market Volume Trend Analysis by Cement Location, 2024
31.2. United States Tier-I Location Cement Market Volume and Forecast, 2020 - 2029
31.3. United States Tier-II Location Cement Market Volume and Forecast, 2020 - 2029
31.4. United States Tier-III Location Cement Market Volume and Forecast, 2020 - 2029

32. United States Cement Industry Production Dynamics and Growth Prospects by Value
32.1. United States Total Cement Production Market Size and Forecast, 2020 - 2029

33. United States Cement Market Production Dynamics by Type of Cement by Value
33.1. United States Market Share Analysis by Type of Cement, 2024
33.2. United States Portland Cement Production Market Size and Forecast, 2020 - 2029
33.3. United States Blended Cement Production Market Size and Forecast, 2020 - 2029
33.4. United States Specialty Cement Production Market Size and Forecast, 2020 - 2029
33.5. United States Green Cement Production Market Size and Forecast, 2020 - 2029

34. United States Blended Cement Type Production Analysis and Outlook by Value
34.1. United States Market Share Analysis by Blended Cement Type, 2024
34.2. United States Type IS (X), Portland-Slag Cement Market Size and Forecast, 2020 - 2029
34.3. United States Type IP (X), Portland-Pozzolan Cement Market Size and Forecast, 2020 - 2029
34.4. United States IL (X), Portland-Limestone Cement Market Size and Forecast, 2020 - 2029
34.5. United States Type IT, Ternary Blended Cement Market Size and Forecast, 2020 - 2029

35. United States Specialty Cement Type Production Analysis and Outlook by Value
35.1. United States Market Share Analysis by Specialty Cement Type, 2024
35.2. United States Rapid Hardening Cement Market Size and Forecast, 2020 - 2029
35.3. United States High Alumina Cement Market Size and Forecast, 2020 - 2029
35.4. United States White Cement Market Size and Forecast, 2020 - 2029
35.5. United States Sulphate Resistance Cement Market Size and Forecast, 2020 - 2029
35.6. United States Other Type of Cements Production Market Size and Forecast, 2020 - 2029

36. United States Cement Production Dynamics and Outlook by End-User by Value
36.1. United States Cement Production Market Size Trend Analysis by Cement End-User, 2024
36.2. United States Ready-Mix Concrete Producers Cement Market Size and Forecast, 2020 - 2029
36.3. United States Consumers Cement Production Market Size and Forecast, 2020 - 2029
36.4. United States Concrete Product Manufacturers Cement Market Size and Forecast, 2020 - 2029
36.5. United States Other End Users Cement Production Market Size and Forecast, 2020 - 2029

37. United States Cement Industry Production Dynamics and Growth Prospects by Volume
37.1. United States Total Cement Production Market Volume and Forecast, 2020 - 2029

38. United States Cement Market Production Dynamics by Type of Cement by Volume
38.1. United States Market Volume Share Trend Analysis by Type of Cement, 2024
38.2. United States Portland Cement Production Market Volume and Forecast, 2020 - 2029
38.3. United States Blended Cement Production Market Volume and Forecast, 2020 - 2029
38.4. United States Specialty Cement Production Market Volume and Forecast, 2020 - 2029
38.5. United States Green Cement Production Market Volume and Forecast, 2020 - 2029

39. United States Blended Cement Type Production Analysis and Outlook by Volume
39.1. United States Market Volume Share Trend Analysis by Blended Cement Type, 2024
39.2. United States Type IS (X), Portland-Slag Cement Market Volume and Forecast, 2020 - 2029
39.3. United States Type IP (X), Portland-Pozzolan Cement Market Volume and Forecast, 2020 - 2029
39.4. United States IL (X), Portland-Limestone Cement Market Volume and Forecast, 2020 - 2029
39.5. United States Type IT, Ternary Blended Cement Market Volume and Forecast, 2020 - 2029

40. United States Specialty Cement Type Production Analysis and Outlook by Volume
40.1. United States Market Volume Share Trend Analysis by Specialty Cement Type, 2024
40.2. United States Rapid Hardening Cement Market Volume and Forecast, 2020 - 2029
40.3. United States High Alumina Cement Market Volume and Forecast, 2020 - 2029
40.4. United States White Cement Market Volume and Forecast, 2020 - 2029
40.5. United States Sulphate Resistant Cement Market Volume and Forecast, 2020 - 2029
40.6. United States Others Type of Cements Market Volume and Forecast, 2020 - 2029

41. United States Cement Production Dynamics and Outlook by End-User by Volume
41.1. United States Market Volume Share Trend Analysis by Cement End-User, 2024
41.2. United States Ready-Mix Concrete Producers Cement Market Volume and Forecast, 2020 - 2029
41.3. United States Consumers Cement Market Volume and Forecast, 2020 - 2029
41.4. United States Concrete Product Manufacturers Cement Market Volume and Forecast, 2020 - 2029
41.5. United States Other End Users Cement Market Volume and Forecast, 2020 - 2029

42. United States Market Players Cement Industry Market Share

43. United States Cement Dynamics and Outlook by Trade
43.1. United States Top Cement Export Destinations, 2024
43.2. United States Top Cement Import Destinations, 2024

44. Further Reading
44.1. About ConsTrack360
44.1. Related Research
44.2. ConsTrack360 Knowledge Center

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United States Cement Industry Market Size and Forecast by Value and Volume Across 80+ Market Segments by Cement Products, Distribution Channel, Market Share, Import - Export, End Markets - 2020-2029

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