

Lightweight Aggregates Market: Future Demand and Top Key Players Analysis | 2029

*The Business Research Company's
Lightweight Aggregates Market: Future
Demand and Top Key Players Analysis |
2029*

LONDON, GREATER LONDON, UNITED
KINGDOM, August 27, 2025

/EINPresswire.com/ -- "Get 30% Off All
Global Market Reports With Code

ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors

The logo for The Business Research Company, featuring the company name in a serif font and a stylized bar chart with three bars of increasing height to the right. The text "The Business Research Company" is repeated below the chart.

The Business
Research Company

The Business Research Company

What Is The Expected Cagr For The Lightweight Aggregates Market Through 2025?

The market size of lightweight aggregates has demonstrated robust growth in recent years,

“

It will grow to \$14.60 billion
in 2029 at a compound
annual growth rate (CAGR)
of 4.8%. ”

*The Business Research
Company*

showing signs of expanding from \$11.51 billion in 2024 to an estimated \$12.09 billion in 2025 at a compound annual growth rate (CAGR) of 5.1%. This historic growth has largely been driven by enhancing urbanization and the subsequent rise in housing demand, increased government spending on infrastructure, a heightened focus on sustainable building practices, escalating utilization of prefabricated and modular construction methods, and a growing trend towards acquiring green

building certifications such as LEED and BREEAM.

The market for lightweight aggregates is predicted to undergo substantial expansion in the upcoming years, reaching a valuation of \$14.60 billion in 2029, with a compound annual growth rate (CAGR) of 4.8%. This projected growth during the forecast period can be credited to the increasing adoption of lightweight concrete in earthquake-prone areas, heightened awareness of thermal and acoustic insulation advantages, escalation in industrial and commercial construction activities and increased utilization of industrial waste in building work. Noteworthy market trends for the forecast period encompass the evolution in lightweight concrete technologies, the incorporation of lightweight aggregates in pre-engineered systems, enhancements in production motivated by technology, progress in premium quality building materials, and breakthroughs in environment-friendly manufacturing techniques.

Download a free sample of the lightweight aggregates market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=25378&type=smp>

What Are The Key Factors Driving Growth In The Lightweight Aggregates Market?

The surge in construction activities is likely to catalyze the expansion of the lightweight aggregates market in the future. In the context of construction, it is defined as the structured approach to creating or building infrastructure, edifices or other tangible structures, using an organized blend of planning, workforce and materials. The upsurge in construction activities is a result of increased spending on infrastructure by governments, leading to an expansion in construction operations as numerous nations invest heavily in comprehensive projects such as roads, bridges, and public buildings to bolster economic development. Lightweight aggregates prove to be beneficial in construction as they lessen the heaviness of concrete, boost thermal insulation, and heighten fire resistance, thereby making edifices more effective, secure, and sustainable. A case in point is in June 2025, the Office for National Statistics, a government department in the UK, confirmed that in the three months preceding April 2025, the whole construction output is projected to have shown an uptick by 0.5%, with the emergence of new work growing by 0.9% and the repair and maintenance sector witnessing a slight growth of 0.1%. Consequentially, the booming construction activities are fueling the expansion of the lightweight aggregates market.

What Are The Top Players Operating In The Lightweight Aggregates Market?

Major players in the [Lightweight Aggregates Global Market](#) Report 2025 include:

- Saint-Gobain Leca A/S
- Holcim Ltd.
- CEMEX S.A.B. de C.V.
- Taiheiyo Materials Corporation
- Ube Corporation
- Arcosa Inc.
- Boral Limited
- Sumitomo Osaka Cement Co. Ltd.
- Titan America LLC
- Charah Solutions Inc.

What Are The Major Trends That Will Shape The Lightweight Aggregates Market In The Future?

Key players in the lightweight aggregates market are concentrating on devising novel solutions like reduced-carbon aggregates in order to adhere to increasing sustainability requirements, decrease the carbon footprint of construction materials, and abide by strict environmental regulations. Reduced carbon aggregates are building aggregates manufactured through processes that drastically curtail greenhouse gas emissions in comparison to conventional aggregates. For instance, in August 2024, Total Aggregates, a firm based in the UK specializing in providing construction aggregates, introduced ReCO₂, a reduced-carbon aggregate. This innovative product is formed by blending carbon-negative manufactured limestone from OCO

Technology with high-quality limestone, culminating in a sustainable, high-utility material for construction. ReCO₂'s creation uses an enhanced carbonation method that takes in more CO₂ than it releases, thus supporting net-zero objectives, preserving natural resources, and is accompanied by an environmental product declaration for validated environmental claims. The innovative manufacturing process of ReCO₂ also allows increased coverage and better cost-effectiveness, thereby positioning ReCO₂ as a substantial advancement in eco-friendly construction solutions.

Comprehensive Segment-Wise Insights Into The Lightweight Aggregates Market
The lightweight aggregates market covered in this report is segmented –

- 1) By Type: Expanded Clay, Fly Ash, Pumice, Perlite, Diatomite, Other Types
- 2) By Category: Angular, Flat, Round
- 3) By Distribution Channel: Offline Retail, Online Retail
- 4) By Application: Casting Structural Steel, Heat Insulation, Insulate Water Pipes, Insulation Of Walls, Reinforced Concrete, Screeds And Thickening
- 5) By End Use: Building And Construction, Industrial, Infrastructure, Other End Uses

Subsegments:

- 1) By Expanded Clay: Lightweight Expanded Clay Aggregates (LECA), Insulating Fill Material, Hydroponic Growing Media, Structural Concrete Additives
- 2) By Fly Ash: Class F Fly Ash, Class C Fly Ash, Portland Cement Additives, Geopolymer Binders
- 3) By Pumice: Construction Grade Pumice, Cosmetic Or Personal Care Grade, Industrial Abrasives, Soil Conditioners
- 4) By Perlite: Expanded Perlite, Crude Perlite, Perlite Concrete Aggregates, Horticultural Perlite
- 5) By Diatomite: Filter Aids, Functional Fillers, Absorbents, Insulating Materials
- 6) By Other Types: Vermiculite, Slag-Based Aggregates, Rice Husk Ash, Bottom Ash

View the full lightweight aggregates market report:

<https://www.thebusinessresearchcompany.com/report/lightweight-aggregates-global-market-report>

Global Lightweight Aggregates Market - Regional Insights

In 2024, North America stood as the leading region for the lightweight aggregates market. However, the fastest projected growth is expected to occur in the Asia-Pacific region. The global market report on lightweight aggregates includes regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

Browse Through More Reports Similar to the Global Lightweight Aggregates Market 2025, By [The Business Research Company](#)

Composites Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/composites-global-market-report>

Specialized Warehousing And Storage Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/specialized-warehousing-and-storage-global-market-report>

Fixed Asset Management Software Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/fixed-asset-management-software-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/843203568>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.