

# South America Carbon Dioxide Market Size by Type, Application, and Regional Outlook 2022-2032

*South America Carbon Dioxide Market to Reach \$12.5 Billion, Globally, by 2032 at 6.3% CAGR: Allied Market Research*

PORTLAND, OR, UNITED STATES, February 21, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Carbon Dioxide Market](#) by Form (Solid, Liquid, and Gas), and Application (Food and Beverages, Medical, Fire Fighting, Agriculture, Metal Fabrication, and Others): Global Opportunity Analysis and Industry Forecast, 2022-2032". According to the report, the south america carbon dioxide market was valued at \$2.1 billion in 2022, and is projected to reach \$12.5 billion by 2032, registering a CAGR of 6.3% from 2023 to 2032.



Prime determinants of growth

“

CO<sub>2</sub> is essential for lifestyles as it participates in the carbon cycle, a elaborate mechanism that governs the motion of carbon in the atmosphere, oceans, land, and living beings.”

*David Correa*

The global south america carbon dioxide market is experiencing growth due to several factors such as growth in demand for carbon dioxide from the food and beverage industry where carbon dioxide can be used as a natural preservative to inhibit the development of bacteria and other microbes. Carbon dioxide generates an atmosphere that is unfavorable to many species of bacteria that require oxygen to survive. However, adverse impacts of carbon dioxide on humans and environment hinder the market growth. Moreover, surge in carbon recycling for renewable

materials and energy supply offers remunerative opportunities for the expansion of the carbon dioxide market.

Request Sample Report: <https://www.alliedmarketresearch.com/request-sample/A197291>

<https://www.alliedmarketresearch.com/request-sample/A197291>

The liquid segment is expected to grow faster throughout the forecast period.

By form, the gas segment held the highest market share in 2020, accounting for more than half of the global carbon dioxide market revenue and is estimated to maintain its leadership status during the forecast period, as carbon dioxide is widely used to carbonate beverages like soda, beer, and sparkling water. It provides the fizziness and enhances the taste and mouthfeel of these drinks. However, the liquid segment is projected to attain the highest CAGR of 6.3% from 2023 to 2032, as liquid carbon dioxide is used in cryosurgery to freeze and destroy abnormal tissues such as warts, skin tags, and precancerous cells.

The food and beverages segment is expected to lead the trail by 2032

By application, the food and beverages segment held the highest market share in 2020, accounting for one fourth of the global carbon dioxide market revenue and is estimated to dominate during the forecast period. This can be attributed to the fact that carbon dioxide is used as a solvent in the extraction of essential oils, flavors, and fragrances from natural sources such as herbs, spices, and botanicals. Carbon dioxide is widely used to carbonate beverages, giving them their characteristic fizziness and enhancing their taste and mouthfeel. Carbonated drinks include sodas, sparkling water, and beer. However, the medical segment is projected to manifest the highest CAGR of 6.0% from 2023 to 2032, as carbon dioxide is often used as a contrast agent in medical imaging procedures such as angiography. It can be injected into blood vessels to enhance visibility during X-ray or fluoroscopy procedures.

Request Sample Report: <https://www.alliedmarketresearch.com/purchase-enquiry/A197291>

Asia-Pacific is to maintain its dominance by 2032.

Region-wise, Asia-Pacific held the highest market share and fastest-growing region accounting for more than one third of the market share growing with the CAGR of 6.1% in 2020, as many Asia-Pacific countries heavily rely on coal for electricity generation, which is a significant source of CO2 emissions. Countries such as China, India, and Japan are among the top coal consumers globally, contributing to high CO2 emissions from power plants.

Leading Market Players: -

ACAIL GÁS

Buzwair Industrial Gases Factories

Dubai Industrial Gases

Gulf Cryo

India Glycols Limited  
Linde PLC  
Messer Group  
SOL Group  
Axcel Gases  
PAVAN INDUSTRIAL GASES PVT. LTD.  
Coregas  
Air Liquide

Report on the South America Carbon Dioxide Market, Purchase Options:

<https://www.alliedmarketresearch.com/south-america-carbon-dioxide-market/purchase-options>

The report provides a detailed analysis of these key players in the global heat pump market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

#### About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa  
Allied Market Research  
+ 1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/787903267>

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.