

# Industrial Carbon Dioxide Market: Size, Share, Competitive Overview, and Trend Analysis Report

*The Business Research Company's Industrial Carbon Dioxide Global Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035*

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/EINPresswire.com/ -- "The [industrial carbon dioxide market](#) has

experienced significant growth recently, driven by expanding industrial activities and rising demand across various sectors. As industries continue to evolve, the need for reliable and efficient sources of carbon dioxide becomes increasingly critical. Let's explore the market's current size, future growth prospects, influencing factors, and regional outlook to better understand this sector's trajectory.

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## [Industrial Carbon Dioxide Market Size](#) and Growth Forecast Through 2026

The industrial carbon dioxide market has expanded notably over recent years, reaching \$5.6 billion in 2025. It is projected to increase to \$5.96 billion in 2026, reflecting a compound annual growth rate (CAGR) of 6.5%. This growth during the historical period is largely due to rising industrial manufacturing activities, increased beverage carbonation demand, enhanced oil and gas recovery

techniques, growth in ammonia production, and the needs of the metal processing industry.

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Looking ahead, the market is expected to continue its strong upward trend, reaching \$7.59 billion by 2030 with a CAGR of 6.2%. Key factors driving this forecasted growth include expanding carbon capture and utilization technologies, rising hydrogen production, investments in

industrial gas infrastructure, increased demand from food processing, and advancements in manufacturing processes. Important trends shaping the market include growing industrial gas applications, wider use in enhanced oil recovery, greater carbonation and beverage production, and a heightened focus on achieving high purity and operational efficiency in metal fabrication.

### The Role and Importance of Industrial Carbon Dioxide (CO<sub>2</sub>) in Industry

Industrial carbon dioxide is a commercially generated gas that plays a vital role in supporting a wide range of industrial processes. It facilitates essential chemical reactions, improves process efficiency, and helps maintain controlled environments within industrial settings. CO<sub>2</sub> contributes to temperature regulation and pressure control, ensuring consistent and reliable operational performance across diverse applications. Its inherent stability under varying conditions makes it a dependable choice for industries aiming to optimize their processes. Due to its versatility and efficiency, industrial carbon dioxide remains a crucial component in modern industrial systems.

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### Factors Stimulating Demand: Packaged Foods and Industrial Carbon Dioxide Market Growth

One of the primary forces fueling the expansion of the industrial carbon dioxide market is the rising demand for packaged foods. Packaged foods, which include processed or prepared items sealed for convenience and preservation, have become increasingly popular as consumers seek quick and easy meal solutions in their busy lives. Industrial carbon dioxide supports this sector by helping to preserve freshness and extend shelf life through applications like carbonation, modified atmosphere packaging (MAP), and refrigeration.

A practical example of this trend is reflected in data from Agriculture and Agri-Food Canada (AAFC). In July 2025, the agency reported that exports of processed food and beverage products from Canada reached \$59.8 billion in 2024, marking a 3.8% increase compared to the previous year. This rising demand for packaged foods directly contributes to the growing need for industrial carbon dioxide, reinforcing its market expansion.

### Industrial Carbon Dioxide Market Regional Distribution and Growth Patterns

In 2025, North America held the largest share of the industrial carbon dioxide market, benefitting from mature industrial infrastructure and extensive demand across sectors. Meanwhile, the Asia-Pacific region is forecasted to be the fastest-growing market over the coming years, driven by rapid industrialization and increasing consumption in emerging economies. The market analysis covers key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global developments and regional opportunities in the industrial carbon dioxide sector.

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