

Liquid Oxygen Devices Market Demonstrates Long-Term Growth Potential At 6% CAGR

The Business Research Company's Liquid Oxygen Devices Market Demonstrates Long-Term Growth Potential At 6% CAGR

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/EINPresswire.com/ -- "The demand for liquid oxygen devices has significantly increased as healthcare systems

worldwide address the growing needs of patients with respiratory conditions. With advancements in medical technology and a rising prevalence of breathing-related illnesses, this market is set to experience steady expansion in the coming years. Let's explore the current market size, main drivers, regional outlook, and key trends shaping the liquid oxygen devices sector.

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Expected to grow to \$8.72 billion in 2030 at a compound annual growth rate (CAGR) of 6%”

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Current Scope and Growth Projections of the [Liquid Oxygen Devices Market](#)

The liquid oxygen devices market has witnessed strong growth recently, with its size expected to increase from \$6.46 billion in 2025 to \$6.91 billion in 2026, reflecting a compound annual growth rate (CAGR) of 7.0%. This rise can be linked to a higher incidence of chronic respiratory

diseases, greater hospital admissions for respiratory care, expansion of medical oxygen facilities, increased use of oxygen therapy in acute care, and growing awareness of oxygen therapy benefits among patients and healthcare providers.

Download a free sample of the liquid oxygen devices market report:

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Looking ahead, the market is projected to continue its upward trajectory, reaching \$8.72 billion by 2030 with a CAGR of 6.0%. Factors contributing to this growth include an aging global population with respiratory ailments, rising demand for long-term oxygen therapy, a stronger focus on home-based respiratory care, expanding healthcare infrastructure particularly in

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emerging economies, and improved readiness for respiratory disease outbreaks. Market trends anticipated in the forecast period include wider adoption of liquid oxygen therapy for severe respiratory illnesses, increased demand for high-purity oxygen delivery systems in hospitals, more use of devices in prolonged home care, growth in cryogenic storage solutions, and preference for oxygen delivery systems with larger capacity.

Understanding Liquid Oxygen Devices and Their Medical Importance

Liquid oxygen devices are specialized medical equipment designed to provide oxygen therapy to patients who require respiratory support. Liquid oxygen is a concentrated form of oxygen stored at extremely low temperatures (around -183°C or -297°F), which makes it highly pure and efficient in delivering oxygen to individuals suffering from respiratory conditions. The compact storage and ease of transport make these devices particularly valuable in both healthcare facilities and home care settings.

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https://www.thebusinessresearchcompany.com/report/liquid-oxygen-devices-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Primary Factors Stimulating Demand in the Global Liquid Oxygen Devices Market

One of the main drivers boosting the liquid oxygen devices market is the increasing number of respiratory disorders worldwide. These conditions affect the lungs, airways, and other parts involved in breathing, and their rising prevalence is linked to factors such as air pollution, exposure to tobacco smoke, occupational hazards, genetic factors, and lifestyle decisions. Liquid oxygen devices provide critical breathing support, improving patients' quality of life and offering healthcare professionals reliable tools to administer therapy and monitor respiratory health.

For example, in June 2025, Gov.UK released data indicating that in the fiscal year 2024, England experienced 854,922 emergency hospital admissions due to respiratory diseases, marking a 7% increase from the previous year. The admission rate stood at 1,428 per 100,000 people, higher than the previous year but still below pre-pandemic levels. This rising burden of respiratory illness is a significant factor driving demand for liquid oxygen devices.

Government Research and Development Programs Encouraging Market Growth

Government-led healthcare research and development initiatives are providing a substantial boost to the liquid oxygen devices market. These initiatives encompass various policies, programs, and projects at local, national, and international levels aimed at enhancing healthcare delivery and innovation. Many governments are prioritizing advancements in respiratory care and supporting the development and deployment of liquid oxygen technologies.

For instance, in January 2024, IQVIA, a US-based healthcare intelligence firm, reported that global medicine consumption has increased by 14% over the past five years and is projected to climb another 12% by 2028, reaching around 3.8 trillion defined daily doses annually. Such government-supported efforts in healthcare research and infrastructure development are key

contributors to the expanding liquid oxygen devices market.

Regional Market Leadership and Growth Hotspots in Liquid Oxygen Devices

In 2025, North America held the largest share of the liquid oxygen devices market, supported by strong healthcare infrastructure and high adoption rates of oxygen therapy. Meanwhile, the Asia-Pacific region is expected to experience the fastest growth during the forecast period. The market report covers several important regions, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive outlook on regional market dynamics.

Our 2026 market reports now offer broader strategic coverage through market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, along with updated graphics and tables.

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