

U.S. Oxygen Concentrator Market Size, Share & Trends Analysis Report By Product (Portable, Fixed), By Application (Home Care, Non-homecare), By Technology (Continuous Flow, Pulse Flow), And Segment Forecasts, 2025 - 2033

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Abstracts

U.S. Oxygen Concentrator Market Summary

The U.S. oxygen concentrator market size was estimated at USD 1.55 billion in 2024 and is projected to reach USD 3.09 billion by 2033, growing at a CAGR of 7.6% from 2025 to 2033. The increase in the prevalence of respiratory conditions such as COPD, asthma, and sleep apnea, rising healthcare spending, significant investment in R&D, advanced healthcare infrastructure, access to the newest technology, and new product launches.

According to the analyzed Medicare claims data, the Medicare penetration rate for portable oxygen concentrators (POCs) in the U.S. has steadily risen. For instance, in 2021, the POC penetration was 22.0%, while that of stationary was 17%. This is a developing trend favoring portable oxygen concentrators (POCs) over fixed oxygen concentrators and fueling the expansion of the U.S. oxygen concentrator industry.

Government support, such as the Federal Aviation Administration's (FAA) approval of portable concentrators during plane travel, further drives the region's growth. Furthermore, favorable reimbursement policies have enhanced the attractiveness of the U.S. oxygen concentrators market. For instance, in March 2024, a U.S. Congressman introduced the Supplemental Oxygen Access Reform (SOAR) Act to reform and improve access to supplementary oxygen for Medicare beneficiaries. These policies have increased the adoption of oxygen concentrators in the U.S. In addition, rising

healthcare spending in the U.S. is driving the demand for effective diagnosis and treatment of respiratory diseases, thereby boosting the market for oxygen concentrators.

The rising prevalence of chronic respiratory diseases, particularly chronic obstructive pulmonary disease (COPD), is a key driver of the U.S. oxygen concentrator market. With COPD affecting over 5% of U.S. adults and contributing to nearly USD 50 billion in annual economic costs, the demand for effective oxygen therapy solutions continues to grow. Long-term oxygen therapy has been clinically proven to improve outcomes in hypoxemic patients, making oxygen concentrators an essential part of disease management.

Moreover, limitations of traditional oxygen delivery methods, such as stationary systems and oxygen cylinders that restrict mobility and require frequent refills, accelerate the shift toward portable oxygen concentrators. These devices provide patients with greater independence and flexibility while addressing the increasing burden of COPD, cystic fibrosis, and heart failure-related hypoxemia, thereby fueling adoption across the U.S. market.

U.S. Oxygen Concentrator Market Report Segmentation

This report forecasts volume & revenue growth at country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. oxygen concentrator market report based on product, application, and technology:

Product Outlook (Volume, Unit; Revenue, USD Million, 2021 - 2033)

Portable Medical Oxygen Concentrators

Fixed Medical Oxygen Concentrators

Application Outlook (Volume, Unit; Revenue, USD Million, 2021 - 2033)

Home Care

Non-Home Care

Technology Outlook (Volume, Unit; Revenue, USD Million, 2021 - 2033)

Continuous Flow

Pulse Flow

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