

AI-Enhanced Chronic Obstructive Sleep Apnea Coach Market Demand Set to Reach \$3.25 Billion by 2029 - Industry Report

TBRC's Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Global Market Report 2025 – Market Size, Trends And Global Forecast 2025-2034

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Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Global Market Report 2025

How Large Will The Artificial Intelligence [\(AI\)-Enhanced Chronic Obstructive Sleep Apnea Coach Market](#) Be By 2025?

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The market size of the AI-powered coach for chronic obstructive sleep apnea has seen a dramatic escalation in recent years. The sector, which is worth \$1.35 billion in 2024, is predicted to reach \$1.61 billion in 2025, exhibiting a compound annual growth rate (CAGR) of 19.6%. This notable expansion during the historical period is credited to the escalating occurrences of sleep apnea disorders, heightened cognizance about sleep-associated health problems, an increasing geriatric populace susceptible to respiratory disorders, growth in obesity rates resulting in obstructive sleep apnea, augmentation of health insurance

coverage addressing sleep treatments, and skyrocketing diagnosis rates via sleep studies.

The market size for the AI-powered chronic obstructive sleep apnea coaching is forecasted to experience dramatic expansion in the coming years, increasing to \$3.26 billion in 2029 with a CAGR of 19.3%. The growth in this forecast period is likely due to heightened demand for personalized sleep management programs, a greater emphasis on preventive healthcare and

wellness tracking, rising healthcare costs in developing economies, an uptick in the use of sleep monitoring solutions at home, broadened reimbursement policies for digital health aids, and a renewed focus on early detection and management of chronic illnesses. Noteworthy trends in this forecast period entail advanced AI-tech utilized in sleep pattern analysis, cutting-edge wearable biosensors for on-the-spot respiratory tracking, progress in cloud-based sleep data amalgamation platforms, breakthroughs in predictive analytics for preventing apnea episodes, R&D in multi-mode patient interaction algorithms, and breakthroughs in digital double models for tailored sleep therapy.

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What Are The Major Driving Forces Influencing The Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Market Landscape?

The rise in sleep disorders is anticipated to fuel the expansion of the AI-enhanced chronic obstructive sleep apnea coach market. Sleep disorders, medically identified as conditions that disrupt regular sleep, affect the quality of sleep, overall health, and daily function. Increased stress levels from contemporary workloads, academic stress, and excessive screen exposure are contributing to increased anxiety and sleep cycle disruption, leading to increased sleep disorders. By monitoring breathing and sleep patterns, an AI-enhanced chronic obstructive sleep apnea coach manages sleep disorders while providing individualized advice and therapy support. This not only enables the early identification of complications, but also promotes improved sleep quality and overall wellness. For example, the National Health Service reported that by November 2023, the percentage of young people aged 17 to 23 years suffering from sleep issues three or more times a week increased slightly to 64.9%, compared to 64.0% in 2022. Consequently, the increasing occurrence of sleep disorders is propelling the growth of the AI-enhanced chronic obstructive sleep apnea coach market.

Who Are The Top Players In The Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Market?

Major players in the Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Global Market Report 2025 include:

- Koninklijke Philips N.V.
- ResMed Inc.
- Sleep Number Corporation
- Nihon Kohden Corporation
- Fisher & Paykel Healthcare Corporation Limited
- Verily Life Sciences LLC
- Natus Medical Incorporated
- SomnoMed Limited
- BMC Medical Co., Ltd.
- Eight Sleep, Inc.

What Are The Key Trends Shaping The Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Industry?

Key players in the AI-enhanced chronic obstructive sleep apnea coaching market, are concentrating their efforts on creating innovative products like positive airway pressure (PAP) machines which offer personal therapy and enable remote tracking through AI-assisted understanding. These PAP devices administer a consistent or modifiable airflow via a mask to keep airways unobstructed during sleep and prevent collapsing in sleep apnea patients, thus improving the quality of sleep and breathing. In February 2024, for example, the American medical tech and digital health company, ResMed Inc., introduced the AirCurve 11 bilevel range. With dual support levels, these devices offer a higher pressure upon inhaling and lesser upon exhaling, making it simpler for the healthcare sector to treat sleep apnea and ensuring compliance from the patients. Based on the AirSense 11 system, these AirCurve 11 devices have digital features such as safe data transmission through cellular connectivity, auto software upgrades, and user engagement tools like the myAir app. The series has variations designed for both obstructive and central sleep apnea, with the goal of enhancing user comfort and adherence through personalized therapy support. While currently available in the U.S., there are plans to introduce the device globally.

Market Share And Forecast By Segment In The Global Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Market

The artificial intelligence (ai)-enhanced chronic obstructive sleep apnea coach market covered in this report is segmented –

- 1) By Component: Software, Hardware, Services
- 2) By Deployment Mode: Cloud-Based, On-Premises
- 3) By Application: Home Care, Sleep Clinics, Hospitals, Research Institutes, Other Applications
- 4) By End-User: Patients, Healthcare Providers, Sleep Specialists, Other End-Users

Subsegments:

- 1) By Software: Cloud-Based Platforms, Mobile Applications, Patient Monitoring Dashboards, Sleep Data Analytics Tools, Therapeutic Guidance Systems, Compliance Management Software
- 2) By Hardware: Wearable Sleep Trackers, Respiratory Monitoring Devices, Pulse Oximeters, Smart Sleep Masks, Connected Airflow Sensors, Portable Sleep Diagnostic Units
- 3) By Services: Remote Patient Monitoring Services, Sleep Coaching Programs, Data Integration And Management Services, Technical Support And Maintenance, Clinical Consultation Services, Training And Education Services

View the full artificial intelligence (ai)-enhanced chronic obstructive sleep apnea coach market report:

<https://www.thebusinessresearchcompany.com/report/artificial-intelligence-ai-enhanced-chronic-obstructive-sleep-apnea-coach-global-market-report>

Artificial Intelligence (AI)-Enhanced Chronic Obstructive Sleep Apnea Coach Market Regional

Insights

In the 2024 AI-enhanced chronic obstructive sleep apnea coach global market report, North America emerged as the dominant region. However, the Asia-Pacific region is projected as the quickest growing region for the forecasted period. The report encompasses various regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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