

Vital Parameter Monitoring Devices And Equipment Market In 2029

The Business Research Company's Vital Parameter Monitoring Devices And Equipment Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

LONDON, GREATER LONDON, UNITED KINGDOM, December 29, 2025 /EINPresswire.com/ -- "Vital Parameter Monitoring Devices And Equipment Market to Surpass \$12 billion in 2029. In comparison, the Patient Monitoring Devices market, which is considered as its parent market, is expected to be approximately \$35 billion by 2029, with Vital Parameter Monitoring Devices And Equipment to represent around 35% of the parent market. Within the broader Medical Equipment industry, which is expected to be \$1,112 billion by 2029, the Vital Parameter Monitoring Devices And



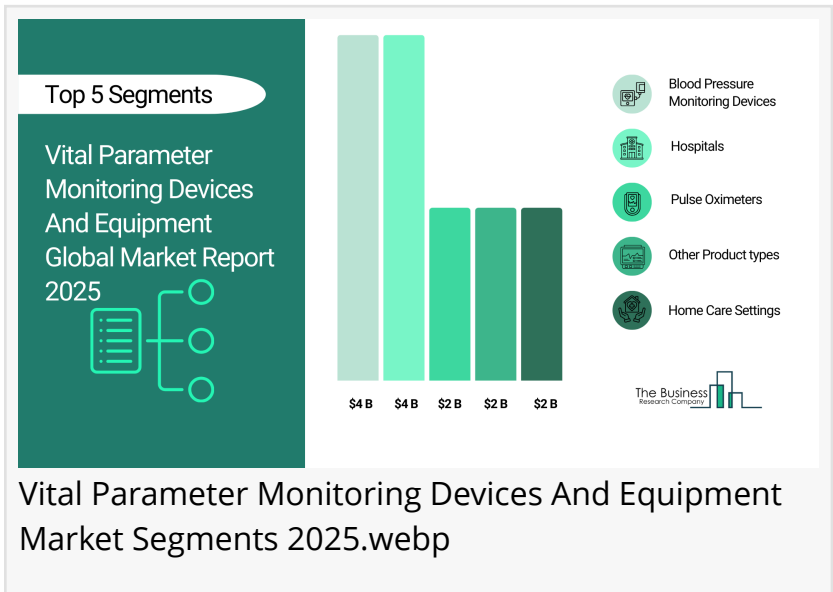
The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

The Business Research Company

population.

Which Will Be The Largest Country In The Global Vital Parameter Monitoring Devices And Equipment Market In 2029?

The USA will be the largest country in the vital parameter monitoring devices and equipment market in 2029, valued at \$2,911 million. The market is expected to grow from \$2,084 million in



Equipment market is estimated to account for nearly 1% of the total market value.

Which Will Be the Biggest Region in the Vital Parameter Monitoring Devices And Equipment Market in 2029
Asia Pacific will be the largest region in the vital parameter monitoring devices and equipment market in 2029, valued at \$3,796 million. The market is expected to grow from \$2,582 million in 2024 at a compound annual growth rate (CAGR) of 8%. The strong growth can be attributed to the increased adoption of home healthcare and rising aging

2024 at a compound annual growth rate (CAGR) of 7%. The strong growth can be attributed to the increasing awareness of preventive healthcare and rising incidence of chronic diseases.

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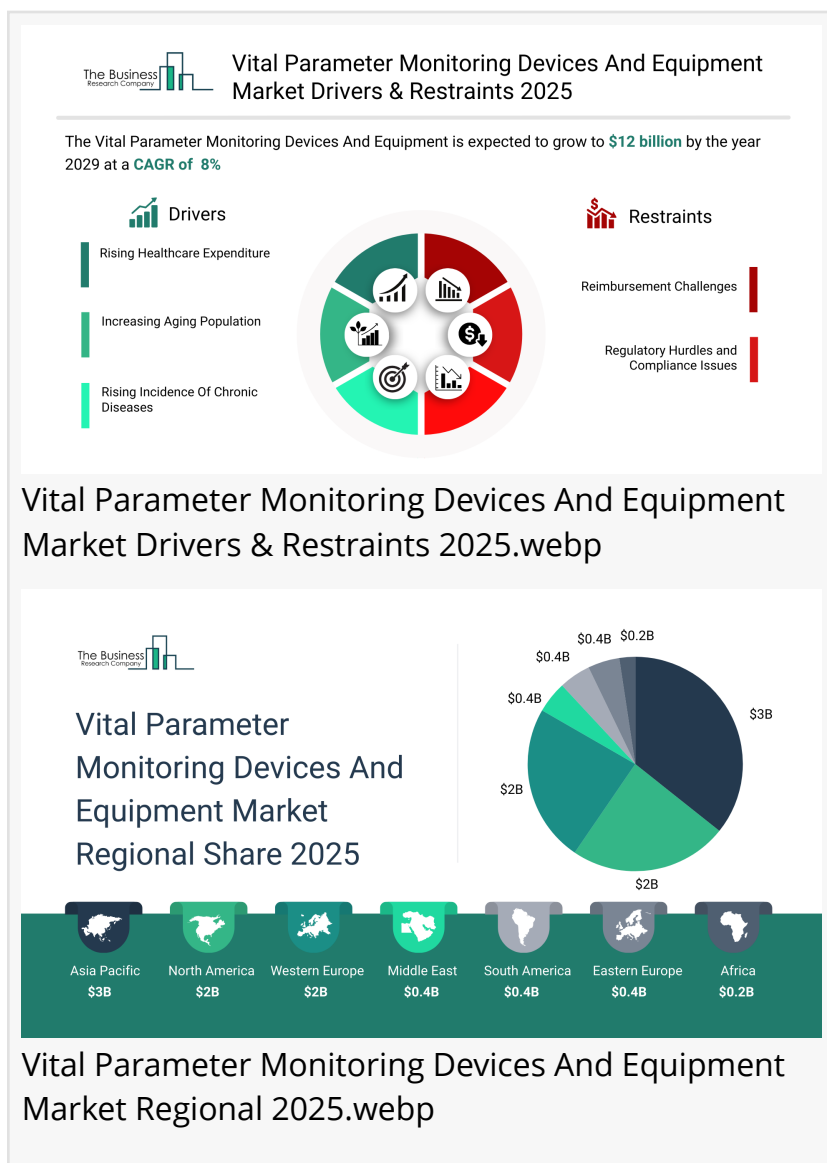
What will be Largest Segment in the Vital Parameter Monitoring Devices And Equipment Market in 2029?

The vital parameter monitoring devices and equipment market is segmented by product type into blood pressure monitoring devices, pulse oximeters and temperature monitoring devices.

The blood pressure monitoring devices market will be the largest segment of the vital parameter monitoring devices and equipment market segmented by product type, accounting for 46% or \$5,589 million of the total in 2029.

The blood pressure monitoring devices market will be supported by the increasing prevalence of hypertension and cardiovascular diseases, rising demand for at-home monitoring solutions driven by telemedicine advancements, technological innovations such as wearable and wireless BP monitors, growing awareness about early disease detection and preventive healthcare, expanding geriatric population requiring continuous monitoring, integration of artificial intelligence (AI) for enhanced accuracy and diagnostics and favorable government initiatives.

The vital parameter monitoring devices and equipment market is segmented by end-user into hospitals, clinics, ambulatory surgery centers and home care settings. The hospitals market will be the largest segment of the vital parameter monitoring devices and equipment market segmented by end-user, accounting for 38% or \$4,584 million of the total in 2029. The hospitals market will be supported by the growing patient admissions due to chronic and acute illnesses, increasing investments in advanced monitoring technologies for critical care, rising demand for multi-parameter monitoring systems for comprehensive patient management, expansion of healthcare infrastructure in emerging economies, adoption of AI-driven monitoring solutions for



enhanced diagnostics, government initiatives to upgrade hospital healthcare standards and increasing prevalence of telemedicine and remote patient monitoring integration.

What is the expected CAGR for the Vital Parameter Monitoring Devices And Equipment Market leading up to 2029?

The expected CAGR for the vital parameter monitoring devices and equipment market leading up to 2029 is 8%.

What Will Be The Growth Driving Factors In The Global Vital Parameter Monitoring Devices And Equipment Market In The Forecast Period?

The rapid growth of the global Vital Parameter monitoring devices and equipment market leading up to 2029 will be driven by the following key factors that are expected to reshape clinical workflows, device manufacturing, quality assurance and service operations worldwide.

Rising Healthcare Expenditure - The rising healthcare expenditure will become a key driver of growth in the vital parameter monitoring devices and equipment market by 2029. Higher budgets allow for the expansion of healthcare infrastructure, adoption of cutting-edge medical equipment and improved patient care services. Additionally, increased healthcare funding supports initiatives such as early disease detection, remote patient monitoring and chronic disease management, all of which rely on vital parameter monitoring devices. As a result, the rising healthcare expenditure is anticipated to contributing to a 1.5% annual growth in the market.

Increasing Aging Population - The increasing aging population will emerge as a major factor driving the expansion of the market by 2029. As life expectancy rises, there is a growing need for regular assessment of vital signs like blood pressure, heart rate, oxygen saturation and temperature to manage age-related health risks effectively. The preference for home healthcare and remote patient monitoring among seniors further boosts demand for portable and user-friendly monitoring devices. Consequently, the increasing aging population is projected to contributing to a 1.0% annual growth in the market.

Rising Incidence Of Chronic Diseases - The rising incidence of chronic diseases will serve as a key growth catalyst for the market by 2029, with an increasing global burden of chronic illnesses, healthcare providers and patients are relying more on real-time tracking of vital signs like blood pressure, heart rate, blood glucose levels and oxygen saturation to prevent complications and ensure timely medical intervention. The shift towards home-based and remote patient monitoring, supported by growing healthcare awareness and digital health adoption, further fuels the demand for these devices. Therefore, this rising incidence of chronic diseases is projected to supporting to a 0.7% annual growth in the market.

Favorable Government Initiatives - The favorable Government Initiatives will become a significant driver contributing to the growth of the market by 2029. many governments worldwide are implementing policies that support digital healthcare, remote patient monitoring and early

disease detection to reduce the burden on healthcare systems. Subsidies, grants and public healthcare programs have made it easier for hospitals and clinics to invest in vital monitoring devices, improving patient outcomes. Consequently, the favorable government initiatives is projected to contributing to a 0.5% annual growth in the market.

Access the detailed Vital Parameter Monitoring Devices And Equipment Market report here: <https://www.thebusinessresearchcompany.com/report/vital-parameter-monitoring-devices-and-equipment-global-market-report>

What Are The Key Growth Opportunities In The Vital Parameter Monitoring Devices And Equipment Market in 2029?

The most significant growth opportunities are anticipated in the comprehensive vital blood pressure monitoring devices and equipment market, and the hospital-based vital parameter monitoring devices and equipment market. Collectively, these segments are projected to contribute over \$3 billion in market value by 2029, driven by rising prevalence of chronic diseases, increasing demand for continuous patient monitoring, and growing integration of smart, connected healthcare technologies. This expansion is further supported by advancements in wearable monitoring devices, hospital infrastructure digitization, and the push for early diagnosis and remote patient management. Together, these trends underscore the accelerating adoption of intelligent monitoring solutions that enhance clinical efficiency and patient outcomes, fuelling sustained growth across the broader vital parameter monitoring ecosystem.

The comprehensive vital and blood pressure monitoring equipment market is projected to grow by \$2,053 million, and the hospital-based vital parameter monitoring market by \$1,324 million over the next five years from 2024 to 2029.

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