

Global Patient Monitoring Devices Market Size, Study by Product (Blood Glucose Monitoring Systems, Cardiac Monitoring Devices, Multi-parameter Monitoring Devices, Respiratory Monitoring Devices), End-Use (Hospitals, Ambulatory Surgery Centers, Home Care Settings), and Regional Forecasts 2022–2032

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Abstracts

The global Patient Monitoring Devices Market was valued at USD 44.91 billion in 2023 and is projected to grow at a CAGR of 8% from 2024 to 2032, reaching USD 89.78 billion by 2032. This rapid growth is driven by advancements in patient monitoring technologies and the increasing prevalence of chronic diseases worldwide. These devices play a crucial role in capturing vital biometric data such as blood pressure, blood glucose levels, and oxygen saturation, enabling better diagnostics and care delivery.

The rising demand for remote patient monitoring has further catalyzed the market's growth. The COVID-19 pandemic highlighted the significance of remote healthcare, encouraging healthcare providers and consumers alike to adopt monitoring devices for in-home use. Key drivers include technological innovations like multi-parameter monitoring devices and AI-powered solutions that provide reliable, cost-effective, and precise health monitoring for patients with chronic illnesses such as diabetes, cardiovascular disorders, and respiratory conditions.

Regional Insights: North America dominated the market in 2022, capturing over 42.2% of global revenue, owing to robust healthcare infrastructure, high adoption of advanced monitoring devices, and the presence of key players like GE Healthcare and Medtronic.

Meanwhile, the Asia Pacific region is expected to witness the fastest growth during the forecast period, driven by a rising prevalence of chronic illnesses, increasing healthcare awareness, and advancements in healthcare technology. Countries like China and India, with their large diabetic populations, are contributing significantly to regional growth.

Recent Developments: Key industry players are investing heavily in product innovations and strategic partnerships. For example:

In April 2023, GE Healthcare launched its CARESCAPE Canvas Patient Monitoring Platform, which enhances scalability and adaptability for various patient conditions.

In June 2022, Abbott secured FDA approval for its FreeStyle Libre 2, a cutting-edge device offering real-time blood glucose monitoring.

Major market players included in this report are:

1. Bosch
2. Biotronik
3. Intel
4. Welch Allyn
5. Health Anywhere Inc.
6. Koninklijke Philips N.V.
7. GE Healthcare
8. Medtronic
9. Masimo Corporation
10. Smiths Medical

The detailed segments and sub-segment of the market are explained below:

By Product:

Blood Glucose Monitoring Systems

Self-monitoring Blood Glucose Systems

Continuous Glucose Monitoring Systems

Cardiac Monitoring Devices

ECG Devices

Implantable Loop Recorders

Event Monitors

Mobile Cardiac Telemetry Monitors

Smart/Wearable ECG Monitors

Multi-parameter Monitoring Devices

Low-acuity Monitoring Devices

Mid-acuity Monitoring Devices

High-acuity Monitoring Devices

Respiratory Monitoring Devices

Pulse Oximeters

Spirometers

Capnographs

Peak Flow Meters

Temperature Monitoring Devices

Handheld Temperature Monitoring Devices

Wearable Continuous Monitoring Devices

Other Patient Monitoring Devices

By End-Use:

Hospitals

Ambulatory Surgery Centers

Home Care Settings

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Italy

Spain

Asia Pacific:

China

Japan

India

Latin America:

Brazil

Mexico

Argentina

Middle East & Africa:

Saudi Arabia

South Africa

UAE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market estimates and forecast for 10 years from 2022 to 2032.

Detailed analysis of product, end-use, and regional segments.

Competitive landscape with profiles of key players in the industry.

Strategic insights into growth opportunities and challenges.

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