

Nursing Robots Market Study Highlights How Industry Demand Is Evolving

*The Business Research Company's
Nursing Robots Market Report 2026 –
Market Size, Trends, And Global Forecast
2026-2035*

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/EINPresswire.com/ -- "The [nursing robots market](#) is rapidly evolving as healthcare systems worldwide seek

innovative solutions to address growing challenges. As patient care demands increase and workforce shortages persist, robotic technologies are becoming essential aids in medical environments. Here is an in-depth look at the current market size, key growth factors, leading regions, and the role these robots play in modern healthcare.

[Nursing Robots Market Size](#) and Expansion Forecast

The nursing robots market has seen remarkable growth recently. It is projected to rise from \$1.46 billion in 2025 to \$1.76 billion in 2026, achieving a compound annual growth rate (CAGR) of 20.3%. This past growth has been driven by a strong reliance on manual caregiving, a shortage of robotic solutions, an aging population, increasing shortages in healthcare workers, and higher patient volumes in hospitals.

Download a free sample of the nursing robots market report:

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Looking ahead, the nursing robots market is expected to expand quickly, reaching \$3.64 billion by 2030, with a CAGR of 20.0%. This surge will be fueled by technological advancements in AI-powered caregiving robots, greater integration with IoT and cloud-based systems, rising demand for robotics in home care, growth in rehabilitation robotics, and increased investment in autonomous delivery and monitoring devices. Predicted trends include wider use of robotics in elder care, autonomous systems for medication management, enhanced post-surgical care robots, patient monitoring and assistance technologies, and more extensive deployment of rehabilitation and physical therapy robots.

The Business
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Understanding Nursing Robots and Their Healthcare Role

Nursing robots are specialized robotic systems designed to assist nurses and caregivers with healthcare-related tasks. These include patient monitoring, providing mobility support, reminding patients about medication, and performing basic care duties. In hospital settings, nursing robots ease the workload by taking on routine tasks such as lifting patients and delivering medications, allowing medical staff to focus more on critical care.

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The Increasing Shortage of Nursing Staff Driving Nursing Robots Market

One of the main factors encouraging growth in the nursing robots sector is the ongoing shortage of nursing personnel. Nursing staff—healthcare professionals who deliver patient care in hospitals, clinics, nursing homes, and other facilities—are facing significant challenges. Burnout has led many to reduce work hours or leave the profession early, causing a decline in workforce availability. Nursing robots help by performing repetitive or physically taxing tasks like patient lifting, supply delivery, and vital sign monitoring, thereby enabling nurses to concentrate on more complex patient care responsibilities.

For example, a May 2024 report by the World Health Organization, based in Switzerland, highlights that the global nursing workforce comprises approximately 29 million nurses and 2.2 million midwives. However, the WHO projects a shortage of 4.5 million nurses and 310,000 midwives by 2030. This growing gap in healthcare workers is a critical factor propelling demand for nursing robots.

North America Leads While Asia-Pacific Emerges Fastest in Nursing Robots Adoption

In 2025, North America held the largest share of the [global nursing robots market](#), reflecting its advanced healthcare infrastructure and early adoption of robotic technologies. Meanwhile, Asia-Pacific is anticipated to be the fastest-growing region during the forecast period, driven by expanding healthcare services, increasing investments, and growing demand for automated care solutions.

The nursing robots market report also covers other important regions, including South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa, offering a global perspective on market trends and potential.

What's new in our 2026 market reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables

- Excel dashboards
- Market hotspots infographics
- Key technologies and future trends
- Updated graphics and tables

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