

Global Needle Safety Systems Market Set for Strong Growth, According to The Business Research Company

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LONDON, GREATER LONDON, UNITED KINGDOM, June 25, 2026

/EINPresswire.com/ -- "The [needle safety systems market](#) has witnessed

significant growth recently, driven by heightened attention to healthcare worker safety and evolving healthcare protocols. With ongoing advancements and expanding immunization efforts worldwide, this market is set for continued expansion in the coming years. Below, we explore the market's current size, key growth drivers, regional outlook, and emerging trends shaping its future.



Expected to grow to \$3.75 billion in 2030 at a compound annual growth rate (CAGR) of 9.1%"

The Business Research Company

The [Needle Safety Systems Market Size](#) and Projected Growth

The needle safety systems market has shown strong growth in recent years. It is expected to increase from \$2.43 billion in 2025 to \$2.65 billion in 2026, reflecting a compound annual growth rate (CAGR) of 8.9%. This growth during the historic period is largely due to greater awareness of healthcare worker safety, rising needlestick

injuries in clinical environments, the introduction of early safety-engineered syringe designs, stricter hospital infection prevention protocols, and regulatory support for safer injection practices.

Looking ahead, the market is projected to expand further, reaching \$3.75 billion by 2030 with a CAGR of 9.1%. This anticipated growth is driven by the global scale-up of vaccination and immunization programs, stronger regulatory requirements protecting healthcare personnel, increasing use of automated safety devices in hospitals, growth in home healthcare and self-injection therapies, and technological advances that make safety needle mechanisms more affordable and effective.

Download a free sample of the needle safety systems market report:

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Understanding Needle Safety Systems and Their Purpose

Needle safety systems are specialized medical devices designed to reduce the risk of needlestick injuries by incorporating built-in safety features. These typically include retractable needles, protective shields, or automatic locking mechanisms that activate after use. Their primary function is to protect healthcare workers and patients during injections and blood collection by minimizing accidental exposure to contaminated needles, thereby enhancing overall safety and reducing infection risks.

Global Vaccination Programs Catalyzing Market Growth

One of the main factors fueling the needle safety systems market is the expansion of immunization and vaccination efforts worldwide. These public health initiatives aim to prevent infectious diseases by delivering vaccines to large populations, often through government-led campaigns. Needle safety systems play a crucial role in these programs by lowering the chances of needlestick injuries and cross-contamination, making vaccine administration safer for medical staff and patients. Their user-friendly and reliable designs also support better compliance and reduce medical waste risks. For example, in July 2024, UNICEF reported that the percentage of adolescent girls worldwide receiving at least one dose of the HPV vaccine increased from 20% in 2022 to 27% in 2023, showcasing the expansion of vaccination coverage and its positive impact on needle safety system demand.

View the full needle safety systems market report:

https://www.thebusinessresearchcompany.com/report/needle-safety-systems-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Jun_PR

Additional Factors Driving Needle Safety Systems Demand

Besides immunization programs, other influences contribute to market growth. Rising regulatory mandates require healthcare institutions to prioritize worker protection, which fuels the adoption of safety-engineered devices. The increasing trend toward automated safety mechanisms in syringes and infusion devices is also encouraging market expansion. Furthermore, the growing popularity of home healthcare and self-injection therapies is driving demand for user-friendly needle safety systems. Technological innovations focusing on cost-effective, passive safety needles are helping meet the needs of mass immunization programs, further boosting market growth.

North America's Leading Position and Asia-Pacific's Rising Potential

In 2025, North America stood as the largest regional market for needle safety systems, reflecting strong healthcare infrastructure and regulatory frameworks. Meanwhile, the Asia-Pacific region is expected to experience the fastest growth during the forecast period, driven by increasing healthcare investments, expanding vaccination drives, and growing awareness of healthcare

worker safety standards. The market analysis also includes other key regions such as South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa, providing a comprehensive global perspective on market trends.

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- Excel-based forecasting dashboards
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Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: marketing@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

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Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

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