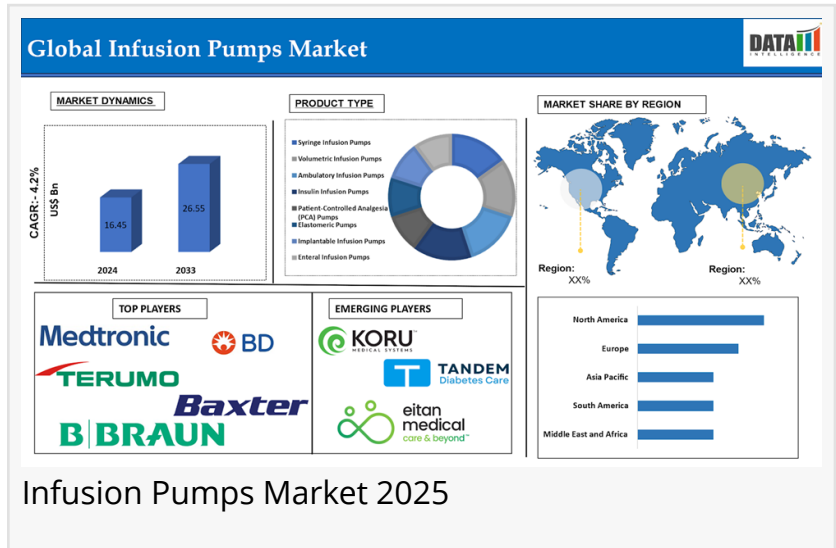


# Infusion Pumps Market to Reach \$26.5B by 2033, Driven by Homecare Growth and Chronic Disease Management

*DataM Intelligence forecasts 4.2% CAGR through 2033 as smart pumps, aging populations, and home-based care fuel global demand.*

LOS ANGELES, CA, UNITED STATES, July 29, 2025 /EINPresswire.com/ -- The global [infusion pumps market size](#) was valued at US\$ 16.4 billion in 2024 and is projected to grow to approximately US\$ 26.5 billion by 2033, registering a compound annual growth rate (CAGR) of 4.2% during the forecast period from 2025 to 2033.



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Infusion pump innovation is transforming chronic care by enabling safer, smarter drug delivery at home and in clinics.”

*DataM Intelligence*

Key Market Drivers:

- Rising Prevalence of Chronic Diseases

The increasing burden of chronic illnesses like cancer, diabetes, and neurological disorders is significantly driving the demand for infusion pumps. These devices ensure accurate and consistent delivery of medications over extended periods, which is essential for managing such conditions.

- Growth in Home Healthcare

The shift from hospital-based care to home-based treatment is fueling demand for portable and user-friendly infusion systems. This trend is especially prominent among elderly patients and individuals requiring long-term therapy, including pain management and chemotherapy.

- Technological Advancements

Continuous innovations in infusion pump technologies such as the integration of wireless connectivity, dose error reduction systems (DERS), and smart alarms are improving treatment outcomes and reducing the risk of medication errors. These advancements are making infusion pumps safer and more efficient, thus expanding their adoption.

- Aging Global Population

The aging demographic is contributing to increased hospital admissions and the need for long-term care solutions. Infusion pumps are widely used in geriatric care for administering nutrients, medications, and fluids, further driving market growth.

- Post-Surgical and Critical Care Demand

Rising surgical procedures and critical care admissions are increasing the usage of infusion devices in ICUs and recovery rooms. These settings require precise drug delivery, which infusion pumps are uniquely equipped to provide.

- Supportive Government and Regulatory Policies

In many regions, governments are encouraging the adoption of smart medical devices to improve patient care. Regulatory support for new device approvals and funding for healthcare technology modernization is creating favorable market conditions.

#### Market Segments:

- By Product Type (Syringe Infusion Pumps, Volumetric Infusion Pumps, Ambulatory Infusion Pumps, Insulin Infusion Pumps, Patient-Controlled Analgesia (PCA) Pumps, Elastomeric Pumps, Implantable Infusion Pumps, Enteral Infusion Pumps)
- By Technology (Traditional Pumps, Smart Pumps, Wearable Pumps)
- By Application (Oncology, Diabetes Management, Gastroenterology, Pediatrics/Neonatology, Analgesia/Pain Management, Cardiology, Critical Care/ICU, Others)
- By End User (Hospitals, Ambulatory Surgical Centers (ASCs), Homecare Settings, Specialty Clinics)

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#### Infusion Pumps Market Geographical Share:

The global infusion pumps market is witnessing strong growth across several regions, driven by advancements in healthcare infrastructure, aging populations, and increasing demand for precision drug delivery systems.

- North America holds the largest share of the market, primarily due to its advanced healthcare systems, widespread adoption of technologically sophisticated infusion devices, and the growing incidence of chronic diseases such as diabetes and cancer. The presence of strong reimbursement frameworks and a high level of awareness among healthcare professionals

further supports market expansion in the U.S. and Canada.

- Europe follows closely, with countries like Germany, France, and the UK playing a significant role. The region benefits from established medical device regulations, supportive government initiatives, and rising investments in home healthcare. Moreover, the push towards reducing hospital stays is driving the demand for ambulatory infusion systems.
- Asia-Pacific is emerging as the fastest-growing region in the market. Rapid healthcare infrastructure development, increasing healthcare spending, and a growing patient pool are major contributors. Countries such as China, India, and Japan are witnessing rising adoption of infusion pumps in both acute care and long-term care settings. Local manufacturing capabilities and expanding medical tourism also play a role in regional market growth.

#### Market Key Players:

Key players are Medtronic plc, Baxter International Inc, B. Braun Melsungen AG, Fresenius Kabi AG, ICU Medical, Inc, Terumo Corporation, Micrel Medical Devices SA, Moog Inc, Mindray Medical International, Ltd, BD (Becton, Dickinson and Company).

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#### Key Product Launches & Regulatory Approvals in 2025:

- ICU Medical: In April 2025, FDA cleared the Plum Solo™ (single-channel) and updated Plum Duo™ (dual-channel), both part of their new Precision IV Pump Platform with  $\pm 3\%$  accuracy, touchscreen interfaces, and LifeShield™ software for EHR integration.
- Becton Dickinson (BD): In April 2025, FDA granted clearance for the upgraded BD Alaris Infusion System with Guardrails Suite MX, confirming equivalence to prior models while supporting integrated safety modules.

#### Acquisitions & Strategic Alliances:

- Boston Scientific: In November 2024, initiated acquisition of Intera Oncology, maker of FDA-approved SynchroMed™ III intrathecal pump and the HAI (hepatic-artery infusion) system.
- Lohmann Therapie-Systeme AG (LTS): In June 2023, acquired Sorrel from Eitan Medical (maker of wearable pumps), enhancing its wearable infusion platform.

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Sai Kiran

DataM Intelligence 4Market Research

+1 877-441-4866

Sai.k@datamintelligence.com

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