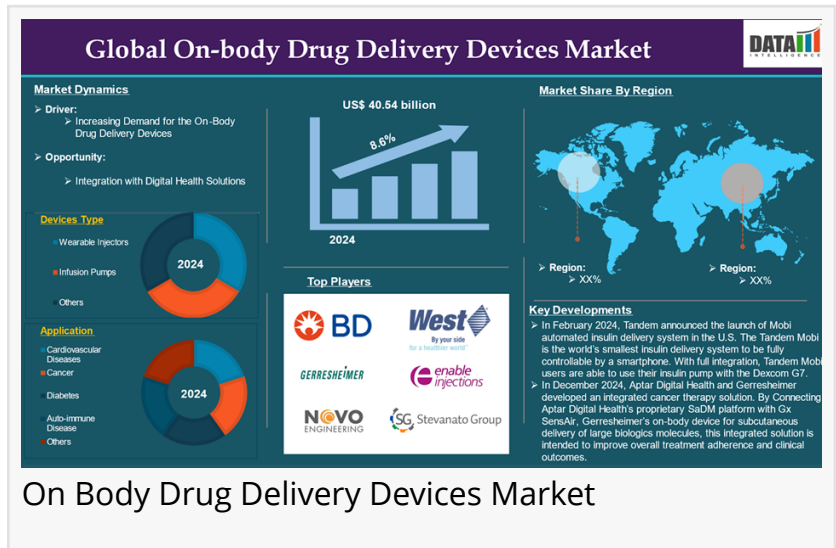


# On Body Drug Delivery Devices Market to Hit \$82.74B By 2033 | CAGR 8.6%

*The Global On Body Drug Delivery Devices Market is projected to grow from \$40.54B in 2024 to \$82.74B by 2033, expanding at a CAGR of 8.6% during 2025-2033.*

AUSTIN, TX, UNITED STATES, May 26, 2025 /EINPresswire.com/ -- On-Body Drug Delivery Devices Market Analysis and Forecast for 2025



## Market Overview

The on-body drug delivery devices market has emerged as a transformative sector within the broader medical devices industry. These wearable systems are designed to deliver drugs over an extended period, offering convenience, improved patient compliance, and precise dosage

control. Especially relevant for chronic disease management such as diabetes, cancer, and autoimmune disorders these devices are revolutionizing the way patients receive treatment outside traditional clinical settings.

## Market Value and Growth

By 2025, the Global Market for [on-body Drug Delivery Devices Market Size](#) is witnessing robust growth and gaining significant traction. Valued at US\$ 40.54 Billion in 2024, the market is projected to grow US\$ 82.74 Billion By 2033 at a CAGR of around 8.6% over the forecast period.

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Driven by rising chronic diseases and demand for convenient drug administration, the USA On Body Drug Delivery Devices Market is growing rapidly, contributing to the global \$81.7Bn forecast by 2032.

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*DataM Intelligence*

A rise in chronic diseases requiring long-term drug therapy

Increasing demand for home-based treatment solutions

Advances in biologic drugs that require precise dosing

Patient-centric approaches to healthcare delivery

Wearable injectors, insulin pumps, and subcutaneous drug delivery patches are at the forefront of this surge, offering more freedom and control to patients. This shift from hospital-based infusions to self-administered, wearable solutions is also helping to reduce healthcare costs.

Regional Outlook

North America

North America remains a dominant force in the on-body drug delivery market, driven by the United States' strong healthcare infrastructure, high healthcare expenditure, and favorable reimbursement policies. The increasing prevalence of diabetes and cancer in the region fuels demand, along with rapid adoption of innovative drug delivery systems.

Europe

European countries like Germany, the UK, and France are witnessing increased uptake of on-body drug delivery devices, supported by growing awareness about self-care and a rising elderly population. Governments in the region are also investing in homecare support programs, creating a positive landscape for market players.

Asia-Pacific

The Asia-Pacific region is expanding at the quickest pace, driven by heightened healthcare awareness, a rising middle-class demographic, and a growing prevalence of chronic illnesses. Nations such as China, India, and Japan are at the forefront, embracing advanced technologies and implementing government-supported healthcare programs.

Key Companies

Prominent players in the market are focusing on innovation, strategic collaborations, and regional expansion to strengthen their position. Some of the major companies include:

BD

Gerresheimer AG

NOVO Engineering

West Pharmaceutical Services, Inc.

Enable Injections

Stevanato Group

LTS Lohmann Therapie-Systeme AG

Coherus BioSciences, Inc.

Tandem Diabetes Care, Inc

Battelle

## Market Segmentation:

By Devices Type: Wearable Injectors, Infusion Pumps, Others

By Molecule Type: Small Molecule, Large Molecule

By Application: Cardiovascular Diseases, Cancer, Diabetes, Auto-immune Disease, Others

By Distribution Channels: Hospital Pharmacies, Retail Pharmacies, Online Pharmacies

By Region: North America, Latin America, Europe, Asia Pacific, Middle East, and Africa

## Latest Developments

Innovations in material science, miniaturization, and Bluetooth-enabled monitoring features are defining the next generation of on-body drug delivery devices. Companies are also working on AI-integrated systems that can track adherence and provide alerts to healthcare providers in real time.

Moreover, regulatory authorities across the globe are streamlining approval pathways for wearable medical technologies, which is helping reduce the time to market for new devices.

## Latest News of USA

In early 2025, several notable developments took place in the U.S. market. Amgen announced the next-generation Neulasta Onpro 2.0, designed with enhanced connectivity features and a more compact design. This iteration aims to further increase adherence among cancer patients undergoing chemotherapy.

Meanwhile, the FDA fast-tracked the approval of a novel wearable insulin patch developed by a Silicon Valley startup, which enables Bluetooth-enabled glucose monitoring and automatic dose adjustments through an app.

Healthcare providers are also showing strong interest in integrating wearable injectors into digital health platforms. For instance, a major hospital network in New York launched a remote patient monitoring program using on-body delivery systems for rheumatoid arthritis, improving patient satisfaction and treatment outcomes.

## Latest News of Japan

Japan is witnessing significant momentum in this space, driven by its aging population and tech-savvy medical ecosystem. In early 2025, a Tokyo-based biotech firm released a compact on-body device for subcutaneous delivery of biosimilars used in cancer therapy, approved under Japan's accelerated health technology route.

Additionally, Takeda Pharmaceuticals partnered with a local wearable tech company to develop

smart injectors with cloud-based patient tracking. This initiative is part of Japan's broader push to digitize healthcare and reduce the strain on hospitals.

The Japanese government is also investing in homecare medical devices through subsidies and innovation grants, signaling a long-term commitment to wearable therapeutic solutions. This is particularly relevant in rural regions, where access to frequent hospital care can be challenging.

## Conclusion

With a strong push toward personalized healthcare, increasing prevalence of chronic diseases, and a global shift to home-based treatment, wearable drug delivery systems are well-positioned to become the standard of care.

Regional markets like North America and Asia-Pacific are driving innovation and adoption, while companies continue to push boundaries through R&D, partnerships, and technology integration. The latest advancements from the U.S. and Japan only reinforce the global momentum behind these life-enhancing medical devices.

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