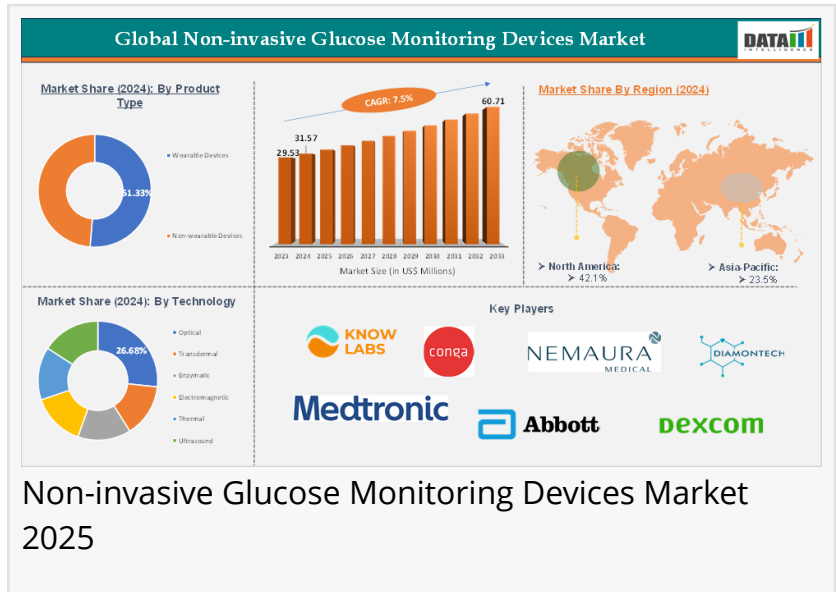


# Non-Invasive Glucose Monitoring Devices Market to Hit \$60.7M by 2033, Fueled by Wearables & Rising Diabetes Rates

*The global market is set to grow at 7.5% CAGR through 2033, driven by pain-free tech, aging populations, and wearable health innovation.*

LOS ANGELES, CA, UNITED STATES, July 25, 2025 /EINPresswire.com/ -- [Non-invasive Glucose Monitoring Devices Market](#) was valued at US\$ 29.53 million in 2023, and is projected to grow to US\$ 31.57 million in 2024. It is anticipated to reach approximately US\$ 60.71 million by 2033, expanding at a compound annual growth rate (CAGR) of 7.5% over the forecast period from 2025 to 2033.



Non-invasive Glucose Monitoring Devices Market Drivers:

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The future of diabetes care lies in painless, smart monitoring that fits seamlessly into daily life.”  
*DataM Intelligence*

**Rising Global Prevalence of Diabetes**

Over 537 million adults currently live with diabetes; estimates project this to reach 643 million by 2030 and 783 million by 2045.

Growing incidence in older and sedentary populations is driving demand for easy, frequent glucose monitoring across regions, especially in Asia-Pacific and the Middle East.

**Mounting Preference for Pain Free, Non Invasive Monitoring**

User demand is shifting away from painful finger pricks toward nail-free, continuous wearables like optical sensors, radiofrequency patches, and wrist devices.

These devices help improve compliance especially among children, elderly, and frequent testers and alleviate needle anxiety.

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#### Non-invasive Glucose Monitoring Devices Market Regional Share:

- North America is currently the dominant market segment, accounting for over half (~50 55%) of the global share in wearable CGM devices; dominance attributed to favorable reimbursement, strong infrastructure, and high diabetes prevalence.
- The Asia-Pacific region is expected to deliver the fastest growth, driven by increasing diabetes burden, rising healthcare awareness, and improving access to smart wearables and monitoring platforms.

#### Market Segments:

- By Product Type (Wearable Devices, Non-wearable Devices)
- By Technology (Optical, Transdermal, Enzymatic, Electromagnetic, Thermal, Ultrasound)
- By Application (Type 1 Diabetes, Type 2 Diabetes, Gestational Diabetes, Prediabetes)
- By End User (Hospitals & Clinics, Home Care Settings, Diagnostic Centers, Research Institutes)
- By Region (North America, Europe, Asia-Pacific, South America, and the Middle East & Africa)

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#### Strategic Investments & Funding:

- Biolinq raised \$58 million in venture capital to advance its novel continuous glucose monitoring tech, featuring multiple silicon microneedles and onboard display. It aims for FDA clearance and eventual commercialization by the end of 2025.
- Samsung, though not disclosing funding, publicly recommitted to accelerating research and development of its non-invasive glucose tracking efforts, signaling strategic prioritization in wearable health tech.
- LifePlus (via LifeLeaf) gained recognition and support from scientific and healthcare institutions after showcasing positive clinical validation of its wrist-worn wearable that measures both glucose and blood pressure without invasive sensors.

#### New Product Launches & Approvals:

- Isaac by PreEvt, introduced at CES 2025, uses breath analysis via an iPhone app to monitor glucose levels in real time no skin contact or needles required.
- LifeLeaf wearable by LifePlus was clinically validated at the ADA/ATTD meeting in mid-2025,

showcasing continuous glucose and blood pressure monitoring in a wristwatch format fully non-invasive.

- DexCom received FDA clearance for its G7 15-Day CGM system in April 2025; it's set to launch in the U.S. in the second half of 2025, and offers up to 15.5 days of wear though it is a minimally invasive patch rather than a truly non-invasive optical device.

Related Reports:

[Glucose Monitoring Devices Market 2025](#)

[Continuous Glucose Monitoring Devices Market 2025](#)

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