

Indonesia Blood Glucose Monitoring Devices Market Size, Share & Trends Analysis Report By Product (Self-monitoring Devices, Continuous Blood Glucose Monitoring Devices), By End Use (Hospitals, Home care, Diagnostic centers), By Procurement, And Segment Forecasts, 2026 - 2033

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Abstracts

The Indonesia blood glucose monitoring devices market size was estimated at USD 63.8 million in 2025 and is projected to reach USD 121.0 million by 2033, growing at a CAGR of 7.1% from 2026 to 2033. Market growth is primarily driven by the increasing prevalence of diabetes and growing awareness of the importance of regular glucose monitoring. Recent data shows Indonesia's diabetes prevalence reaching approximately 11.3% of adults, translating to over 20 million people living with diabetes in 2024, highlighting a substantial target population for monitoring devices. With Indonesia ranking among the countries with the highest diabetes rates in Southeast Asia, the need for reliable self-monitoring of blood glucose levels has become a public health priority.

A major growth driver for the Indonesia blood glucose monitoring devices industry is the government's intensified focus on diabetes screening and early diagnosis. For instance, in November 2024, Indonesia's Ministry of Health reinforced its national diabetes prevention strategy by emphasizing regular blood glucose testing and setting a target for 90% of the population, particularly high-risk groups, to receive diabetes screening. The government highlighted that many diabetes cases remain undiagnosed or poorly managed, making early screening and routine glucose checks critical to reducing long-term health complications and healthcare costs. Through expanded screening at community health centers and increased public awareness of healthy

lifestyles, the initiative aims to improve early detection, support timely treatment, and reduce the overall economic and healthcare burden of diabetes in Indonesia. These public health strategies are complemented by broader insurance coverage under the JKN national health insurance program, which enhances access to essential health services, including diabetes management tools for a larger segment of the population.

Urbanization and lifestyle shifts further contribute to market growth in Indonesia. Rapid growth in urban centers, such as Java's Jakarta, Surabaya, and Bandung, has led to increased consumption of processed foods and reduced physical activity, factors associated with a higher prevalence of Type 2 diabetes and a greater reliance on self-monitoring devices. Indonesia's children, adolescents, and adults continue to follow poor dietary patterns, marked by high consumption of foods and beverages rich in fat, sugar, and salt. At the same time, intake of fruits and vegetables remains low. Around two-thirds of children aged 5-19 years and adults consume at least one sugar-sweetened beverage daily, and nearly 90-95% of the population does not meet the recommended intake levels of fruits and vegetables, which increases long-term metabolic health risks. These unhealthy eating habits are expected to drive higher diabetes prevalence, thereby strengthening the need for regular blood glucose monitoring and sustained demand for glucose monitoring devices across Indonesia. Moreover, the growing middle-class population and increasing smartphone penetration are supporting the adoption of more advanced, connected glucose monitors that integrate with digital health platforms. While affordability and rural healthcare access gaps remain challenges, ongoing public health efforts and technological adoption continue to reinforce market expansion.

Indonesia Blood Glucose Monitoring Devices Market Report Segmentation

This report forecasts revenue growth at the country level and analyzes the latest industry trends in each sub-segment from 2021 to 2033. For this study, Grand View Research has segmented the Indonesia blood glucose monitoring devices market report based on product, end use, and procurement:

Product Outlook (Revenue, USD Unit, 2021 - 2033)

Self-monitoring Devices

Blood Glucose Meter

Blood Glucose Meter, by Measurement Technology

Electrochemical BGMs

Photometric BGMs

Blood Glucose Meter, by Data Connectivity

Non-Connected BGMs

USB-Connected BGMs

Bluetooth/Smart BGMs with App and Cloud Integration

Testing Strips

Lancets

Continuous Blood Glucose Monitoring Devices

Devices

Consumables

End Use Outlook (Revenue, USD Unit, 2021 - 2033)

Hospitals

Home care

Diagnostic centers

Procurement Outlook (Revenue, USD Unit, 2021 - 2033)

Private

Government

This report can be delivered to the clients within 3 Business Days

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