

# Global Glucose Monitoring Market Report: 2015 Edition

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## Abstracts

Diabetes, often referred to as diabetes mellitus, describes a group of metabolic diseases in which the person has high blood glucose (blood sugar), either because insulin production is inadequate, or because the body's cells do not respond properly to insulin, or both. The high blood sugar produces the symptoms of frequent urination (polyuria), increased thirst (polydipsia), and increased hunger (polyphagia). Diabetes can cause acute complications which include diabetic ketoacidosis and nonketotic hyperosmolar coma. Serious long-term complications include heart disease, stroke, kidney failure, foot ulcers and damage to the eyes.

Blood Glucose Monitoring refers to the way of testing the concentration of glucose in the blood (glycemia). Monitoring blood sugar levels is an essential part of diabetes care, as waiting for symptoms of extremely high or low blood sugar levels can result in life threatening situations. Blood sugar monitoring is done with devices which obtain a drop of blood from a finger prick, which is then analyzed on a reagent strip. The test is generally referred to as capillary blood glucose.

The key factors which are anticipated to drive the market include factors like increasing aging population, rising healthcare expenditure, increasing urbanization, obese population and awareness about blood glucose monitoring. Some of the noteworthy developments of this industry include sedentary lifestyle, increasing prevalence of diabetes, among others. However, the growth of respective industry is hindered by the barriers of regulatory risk, intense competition, and non-invasive blood glucose monitoring, among others.

This report offers a comprehensive analysis of the global glucose monitoring industry. Furthermore, market dynamics such as key trends and development; and challenges

are analyzed in depth. On the contention front, the global glucose monitoring market is reined by few major players namely, Johnson and Johnson, Bayer, Roche and Abbott. The competitive landscape of the respective market, along with the company profiles of the leading players are also discussed in detail.

By combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings, we have predicted the future of the market. We employed various significant variables that have an impact on this industry and created regression models with SPSS Base to determine the future direction of the industry. Before deploying the regression model, the relationship between several independent variables and the dependent variable was analyzed using standard SPSS output, including charts, tables and tests.

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