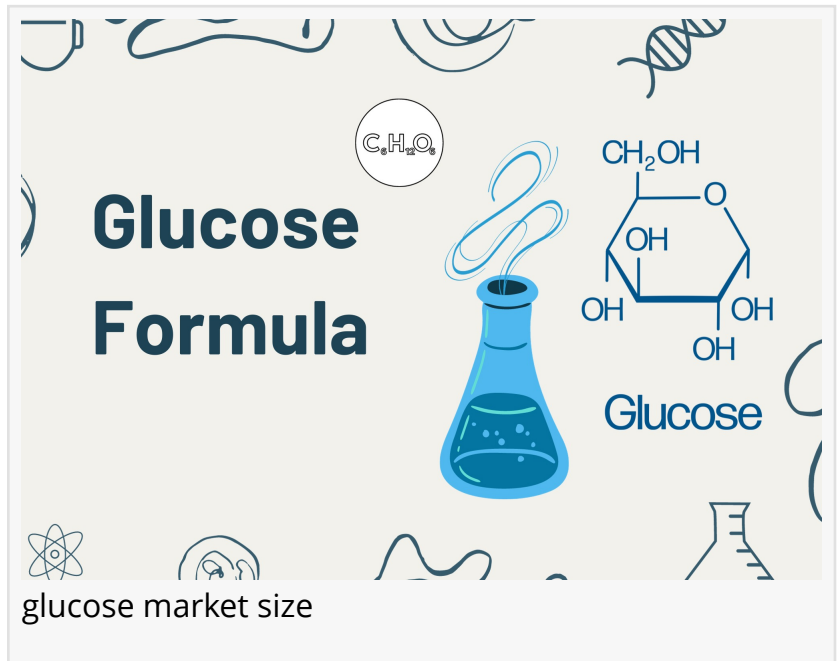


# Glucose Market Size to Hit US\$ 78.2 Billion by 2032 | Grow CAGR by 4.72%

*Glucose refers to a simple sugar and is one of the most vital energy sources for living organisms.*

NEW YORK, BROOKLYN, UNITED STATE, February 22, 2024 /EINPresswire.com/ -- The latest report by IMARC Group, titled "Glucose Market Report by Source (Wheat, Corn, and Others), Form (Syrup, Solid), Application (Food and Beverages, Pharmaceutical, Cosmetic and Personal Care, Pulp and Paper), and Region 2024-2032", The global glucose market size reached US\$ 51.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 78.2 Billion by 2032, exhibiting a growth rate (CAGR) of 4.72% during 2024-2032.



For an in-depth analysis, you can refer sample copy of the report: <https://www.imarcgroup.com/glucose-market/requestsample>

## Increasing Prevalence of Diabetes:

The rising prevalence of diabetes worldwide stands as a primary driver propelling the glucose market. Diabetes, characterized by high blood glucose levels, is a chronic condition affecting millions globally. With sedentary lifestyles, poor dietary habits, and an aging population, the incidence of diabetes continues to escalate. This rise fuels the demand for glucose monitoring devices and supplies, including glucose meters, test strips, and continuous glucose monitoring systems (CGMs). As healthcare systems strive to manage and mitigate the complications associated with diabetes, the need for accurate and efficient glucose monitoring tools becomes paramount. Healthcare providers increasingly emphasize the importance of regular glucose monitoring to optimize diabetes management and prevent long-term complications. Consequently, there is a growing reliance on glucose monitoring solutions to enable timely intervention and personalized treatment strategies. Additionally, the advent of technologically

advanced glucose monitoring devices, such as CGMs, offers continuous real-time glucose data, enhancing patient adherence to glucose monitoring regimens and facilitating better glycemic control.

#### Significant Technological Advancements in Glucose Monitoring Devices:

Technological innovations play a pivotal role in shaping the landscape of the glucose market, driving advancements in glucose monitoring devices. Traditional glucose monitoring methods, such as fingerstick testing, are gradually being replaced by more sophisticated and user-friendly alternatives, fostering convenience, accuracy, and enhanced patient compliance. Continuous glucose monitoring systems (CGMs) represent a paradigm shift in glucose monitoring, offering real-time glucose data without the need for frequent fingerstick tests. These systems employ sensor technologies to continuously measure interstitial glucose levels, providing users with comprehensive insights into their glycemic profiles. The integration of CGMs with smartphone apps and cloud-based platforms enables remote monitoring and data sharing, empowering patients and healthcare providers to make informed decisions regarding diabetes management. Moreover, miniaturization and wearable technology advancements have led to the development of discreet and comfortable glucose monitoring devices, eliminating the stigma associated with traditional glucose monitoring methods. Advanced sensor technologies, including enzyme-based and fluorescence-based sensors, enhance the accuracy and reliability of glucose measurements, ensuring optimal patient outcomes.

#### Growing Awareness and Adoption of Point-of-Care Testing:

The growing awareness about the importance of early diagnosis and proactive disease management fuels the adoption of point-of-care (POC) testing solutions, driving growth in the glucose market. POC testing enables rapid and decentralized glucose measurements, facilitating timely clinical decision-making and improving patient outcomes across various healthcare settings. Point-of-care glucose testing offers several advantages, including rapid results, minimal sample volume requirements, and ease of use, making it particularly suitable for emergency departments, clinics, and home healthcare settings. The convenience and immediacy of POC testing empower healthcare providers to promptly assess glycemic status, adjust treatment regimens, and monitor therapeutic efficacy, thereby enhancing patient satisfaction and treatment adherence. Furthermore, the proliferation of chronic diseases, such as diabetes, necessitates scalable and cost-effective diagnostic solutions to meet the growing demand for healthcare services. POC glucose testing addresses these needs by streamlining diagnostic workflows, reducing turnaround times, and optimizing resource utilization, thereby enhancing operational efficiency and healthcare delivery outcomes.

#### Competitive Landscape with Key Player:

Archer-Daniels-Midland Company  
Capital Glucose Company Ltd.

Cargill Incorporated  
Fooding Group Limited  
Global Sweeteners Holdings Limited  
Grain Processing Corporation (Kent Corporation)  
Gulshan Polyols Ltd.  
Ingredion Incorporated  
Luzhou Incorporated  
Roquette Frères  
Tate & Lyle PLC  
Tereos

#### Report Segmentation:

The report has segmented the market into the following categories:

#### Breakup by Source:

Wheat  
Corn  
Others

Corn dominates the market due to its widespread cultivation, versatility in industrial applications, and high starch content, making it a primary source for glucose production.

#### Breakup by Form:

Syrup  
Solid

Syrup holds maximum number of shares due to its versatility in various applications, ranging from food and beverage manufacturing to pharmaceutical formulations.

#### Breakup by Application:

Food and Beverages  
Pharmaceutical  
Cosmetic and Personal Care  
Pulp and Paper

Food and beverages represent the largest segment due to the universal necessity of food consumption and the extensive range of products that require sweetening agents such as glucose for flavor enhancement and preservation purposes.

Explore Full Report with Table of Contents: <https://www.imarcgroup.com/glucose-market>

#### Market Breakup by Region:

North America (United States, Canada)

Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, Others)

Europe (Germany, France, United Kingdom, Italy, Spain, Russia, Others)

Latin America (Brazil, Mexico, Others)

Middle East and Africa

Asia Pacific's dominance in the glucose market is attributed to its vast population base, increasing urbanization, and rising prevalence of chronic diseases, such as diabetes, driving the demand for glucose monitoring devices and services in the region.

#### Global Glucose Market Trends:

Changing lifestyles and dietary patterns, characterized by increased consumption of processed foods, sedentary behaviors, and obesity, contribute significantly to the rising incidence of diabetes and metabolic disorders globally. Unhealthy dietary choices, coupled with reduced physical activity levels, exacerbate insulin resistance and glucose intolerance, necessitating greater reliance on glucose monitoring devices and interventions to manage blood sugar levels effectively. As individuals become more health-conscious and seek preventive healthcare measures, the demand for glucose monitoring solutions is expected to escalate, driving market growth. Additionally, the expansion and modernization of healthcare infrastructure, particularly in emerging economies, facilitate greater access to diagnostic services and medical technologies, including glucose monitoring devices. Government initiatives aimed at improving healthcare access and quality, coupled with investments in healthcare facilities and technology adoption, bolster market expansion by enhancing the availability and affordability of glucose monitoring solutions to a broader population base. This infrastructure development fosters early disease detection, improves treatment outcomes, and stimulates market demand, particularly in underserved regions with high disease burdens.

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IMARC's information products include major market, scientific, economic and technological developments for business leaders in pharmaceutical, industrial, and high technology organizations. Market forecasts and industry analysis for biotechnology, advanced materials, pharmaceuticals, food and beverage, travel and tourism, nanotechnology and novel processing methods are at the top of the company's expertise.

Our offerings include comprehensive market intelligence in the form of research reports, production cost reports, feasibility studies, and consulting services. Our team, which includes experienced researchers and analysts from various industries, is dedicated to providing high-quality data and insights to our clientele, ranging from small and medium businesses to Fortune 1000 corporations.

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