

Global Glucose, Dextrose, and Maltodextrin Market Size Study & Forecast, by Product (Glucose, Dextrose, and Maltodextrin), by Application (Food & Beverages (Confectionery, Bakery, Dairy), Pharmaceuticals, Personal Care Products, Paper & Pulp) and Regional Forecasts 2025–2035

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Abstracts

The Global Glucose, Dextrose, and Maltodextrin Market is valued at approximately USD 51.87 billion in 2024 and is poised to grow at a remarkable CAGR of 7.00% over the forecast period 2025–2035. These carbohydrate derivatives—widely known for their functional versatility and economic viability—have become indispensable across a wide spectrum of industries, particularly food and beverage, pharmaceuticals, and personal care. Their ability to improve texture, enhance flavor, increase shelf life, and act as a binding agent in formulations has made them critical to product development pipelines in both mature and emerging markets. With rising consumer preference for low-sugar, energy-enhancing, and clean-label formulations, manufacturers are re-engineering traditional formulations using glucose, dextrose, and maltodextrin to align with evolving consumption patterns.

The accelerating demand for processed foods and beverages—spurred by urbanization, evolving lifestyles, and increased disposable income—has magnified the role of these ingredients as functional bulking agents, sweeteners, and stabilizers. In the pharmaceutical industry, dextrose is used in intravenous solutions, while maltodextrin is increasingly favored in controlled-release drugs for its excellent compressibility and moisture resistance. Meanwhile, glucose continues to serve as a cornerstone in the fermentation of antibiotics and vitamins. The rapid expansion of the nutraceutical and sports nutrition segments has further fueled the demand for dextrose as a rapid energy

source, creating fertile ground for innovation and formulation diversification. Additionally, advancements in biotechnological processing and enzyme-based starch hydrolysis are paving the way for higher purity grades and broader application scopes.

From a regional standpoint, North America continues to dominate the global market, owing to its robust food processing industry, advanced healthcare infrastructure, and strong penetration of packaged products. The U.S. leads in the development and export of glucose and maltodextrin derivatives, benefiting from scalable production capabilities and the presence of key global players. In Europe, the market is driven by health-conscious consumers and stringent quality standards, which have fueled demand for functional alternatives across food, beverage, and pharmaceutical applications. Germany, France, and the UK are prominent contributors. Meanwhile, the Asia Pacific region is emerging as the fastest-growing market, catalyzed by rapidly expanding population bases, increased urban consumption, and government-backed investments in local food manufacturing. Countries like China and India are witnessing an upsurge in demand, especially across dairy alternatives and ready-to-eat categories. Latin America and the Middle East & Africa are also witnessing increasing interest due to the growing adoption of processed food and international pharmaceutical imports.

Major market player included in this report are:

BASF SE

Archer Daniels Midland Company

Cargill, Incorporated

Roquette Frères

Ingredion Incorporated

Avebe U.A.

Tereos S.A.

Tate & Lyle PLC

Grain Processing Corporation

Matsutani Chemical Industry Co., Ltd.

Global Sweeteners Holdings Limited

AGRANA Beteiligungs-AG

Gulshan Polyols Ltd.

Zhucheng Dongxiao Biotechnology Co., Ltd.

Fooding Group Limited

Global Glucose, Dextrose, and Maltodextrin Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and

product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Product:

Glucose

Dextrose

Maltodextrin

By Application:

Food & Beverages

Confectionery

Bakery

Dairy

Pharmaceuticals

Personal Care Products

Paper & Pulp

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL GLUCOSE, DEXTROSE, AND MALTODEXTRIN MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Research Objective
- 1.2. Research Methodology
 - 1.2.1. Forecast Model
 - 1.2.2. Desk Research
 - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
 - 1.4.1. Market Definition
 - 1.4.2. Market Segmentation
- 1.5. Research Assumption
 - 1.5.1. Inclusion & Exclusion
 - 1.5.2. Limitations
 - 1.5.3. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

CHAPTER 3. GLOBAL GLUCOSE, DEXTROSE, AND MALTODEXTRIN MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping the Global Glucose, Dextrose, and Maltodextrin Market (2024–2035)
- 3.2. Drivers
 - 3.2.1. Surging demand for processed foods and beverages
 - 3.2.2. Increasing pharmaceutical applications in intravenous and drug formulations
 - 3.2.3. Rising preference for clean-label and energy-boosting ingredients
- 3.3. Restraints
 - 3.3.1. Volatility in raw material prices and supply chain constraints
 - 3.3.2. Rising regulatory scrutiny around sugar-based ingredients
- 3.4. Opportunities

- 3.4.1. Innovation in biotechnology and enzyme hydrolysis
- 3.4.2. Growth in emerging markets through dairy alternatives and nutraceuticals

CHAPTER 4. GLOBAL GLUCOSE, DEXTROSE, AND MALTODEXTRIN INDUSTRY ANALYSIS

- 4.1. Porter's 5 Forces Model
 - 4.1.1. Bargaining Power of Buyer
 - 4.1.2. Bargaining Power of Supplier
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Forecast Model (2024–2035)
- 4.3. PESTEL Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024–2025)
- 4.7. Global Pricing Analysis and Trends 2025
- 4.8. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL GLUCOSE, DEXTROSE, AND MALTODEXTRIN MARKET SIZE & FORECASTS BY PRODUCT 2025–2035

- 5.1. Market Overview
- 5.2. Glucose
 - 5.2.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.2.2. Market Size Analysis, by Region, 2025–2035
- 5.3. Dextrose
 - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.3.2. Market Size Analysis, by Region, 2025–2035
- 5.4. Maltodextrin
 - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.4.2. Market Size Analysis, by Region, 2025–2035

CHAPTER 6. GLOBAL GLUCOSE, DEXTROSE, AND MALTODEXTRIN MARKET SIZE & FORECASTS BY APPLICATION 2025–2035

- 6.1. Market Overview
- 6.2. Food & Beverages
 - 6.2.1. Confectionery
 - 6.2.2. Bakery
 - 6.2.3. Dairy
 - 6.2.4. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 6.2.5. Market Size Analysis, by Region, 2025–2035
- 6.3. Pharmaceuticals
 - 6.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 6.3.2. Market Size Analysis, by Region, 2025–2035
- 6.4. Personal Care Products
 - 6.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 6.4.2. Market Size Analysis, by Region, 2025–2035
- 6.5. Paper & Pulp
 - 6.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 6.5.2. Market Size Analysis, by Region, 2025–2035

CHAPTER 7. GLOBAL GLUCOSE, DEXTROSE, AND MALTODEXTRIN MARKET SIZE & FORECASTS BY REGION 2025–2035

- 7.1. Regional Market Snapshot
- 7.2. Top Leading & Emerging Countries
- 7.3. North America
 - 7.3.1. U.S.
 - 7.3.1.1. Product Breakdown Size & Forecasts, 2025–2035
 - 7.3.1.2. Application Breakdown Size & Forecasts, 2025–2035
 - 7.3.2. Canada
 - 7.3.2.1. Product Breakdown Size & Forecasts, 2025–2035
 - 7.3.2.2. Application Breakdown Size & Forecasts, 2025–2035
- 7.4. Europe
 - 7.4.1. UK
 - 7.4.1.1. Product Breakdown Size & Forecasts, 2025–2035
 - 7.4.1.2. Application Breakdown Size & Forecasts, 2025–2035
 - 7.4.2. Germany
 - 7.4.2.1. Product Breakdown Size & Forecasts, 2025–2035

- 7.4.2.2. Application Breakdown Size & Forecasts, 2025–2035
- 7.4.3. France
 - 7.4.3.1. Product Breakdown Size & Forecasts, 2025–2035
 - 7.4.3.2. Application Breakdown Size & Forecasts, 2025–2035
- 7.4.4. Spain
- 7.4.5. Italy
- 7.4.6. Rest of Europe
- 7.5. Asia Pacific
 - 7.5.1. China
 - 7.5.2. India
 - 7.5.3. Japan
 - 7.5.4. Australia
 - 7.5.5. South Korea
 - 7.5.6. Rest of Asia Pacific
- 7.6. Latin America
 - 7.6.1. Brazil
 - 7.6.2. Mexico
- 7.7. Middle East and Africa
 - 7.7.1. UAE
 - 7.7.2. Saudi Arabia
 - 7.7.3. South Africa
 - 7.7.4. Rest of Middle East & Africa

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. BASF SE
 - 8.2.1. Company Overview
 - 8.2.2. Key Executives
 - 8.2.3. Company Snapshot
 - 8.2.4. Financial Performance (Subject to Data Availability)
 - 8.2.5. Product/Services Port
 - 8.2.6. Recent Development
 - 8.2.7. Market Strategies
 - 8.2.8. SWOT Analysis
- 8.3. Archer Daniels Midland Company
- 8.4. Cargill, Incorporated
- 8.5. Roquette Fr?res
- 8.6. Ingredion Incorporated

- 8.7. Avebe U.A.
- 8.8. Tereos S.A.
- 8.9. Tate & Lyle PLC
- 8.10. Grain Processing Corporation
- 8.11. Matsutani Chemical Industry Co., Ltd.
- 8.12. Global Sweeteners Holdings Limited
- 8.13. AGRANA Beteiligungs-AG
- 8.14. Gulshan Polyols Ltd.
- 8.15. Zhucheng Dongxiao Biotechnology Co., Ltd.
- 8.16. Fooding Group Limited

List Of Tables

LIST OF TABLES

- Table 1. Global Glucose, Dextrose, and Maltodextrin Market, Report Scope
- Table 2. Global Glucose, Dextrose, and Maltodextrin Market Estimates & Forecasts by Region, 2024–2035
- Table 3. Global Glucose, Dextrose, and Maltodextrin Market Estimates & Forecasts by Product, 2024–2035
- Table 4. Global Glucose, Dextrose, and Maltodextrin Market Estimates & Forecasts by Application, 2024–2035
- Table 5. U.S. Market Estimates & Forecasts, 2024–2035
- Table 6. Canada Market Estimates & Forecasts, 2024–2035
- Table 7. UK Market Estimates & Forecasts, 2024–2035
- Table 8. Germany Market Estimates & Forecasts, 2024–2035
- Table 9. France Market Estimates & Forecasts, 2024–2035
- Table 10. Spain Market Estimates & Forecasts, 2024–2035
- Table 11. Italy Market Estimates & Forecasts, 2024–2035
- Table 12. Rest of Europe Market Estimates & Forecasts, 2024–2035
- Table 13. China Market Estimates & Forecasts, 2024–2035
- Table 14. India Market Estimates & Forecasts, 2024–2035
- Table 15. Japan Market Estimates & Forecasts, 2024–2035
- Table 16. Australia Market Estimates & Forecasts, 2024–2035
- Table 17. South Korea Market Estimates & Forecasts, 2024–2035
- Table 18. Rest of APAC Market Estimates & Forecasts, 2024–2035
- Table 19. Brazil Market Estimates & Forecasts, 2024–2035
- Table 20. Mexico Market Estimates & Forecasts, 2024–2035
- Table 21. UAE Market Estimates & Forecasts, 2024–2035
- Table 22. Saudi Arabia Market Estimates & Forecasts, 2024–2035
- Table 23. South Africa Market Estimates & Forecasts, 2024–2035
- Table 24. Rest of MEA Market Estimates & Forecasts, 2024–2035

List Of Figures

LIST OF FIGURES

- Figure 1. Global Market, Research Methodology
- Figure 2. Global Market, Estimation Techniques
- Figure 3. Global Market Size Estimates & Forecast Methods
- Figure 4. Market Trends 2025
- Figure 5. Market Growth Prospects, 2024–2035
- Figure 6. Porter's Five Forces Analysis
- Figure 7. PESTEL Analysis
- Figure 8. Value Chain Analysis
- Figure 9. Market by Product, 2025 & 2035
- Figure 10. Market by Application, 2025 & 2035
- Figure 11. North America Market Forecast, 2025 & 2035
- Figure 12. Europe Market Forecast, 2025 & 2035
- Figure 13. Asia Pacific Market Forecast, 2025 & 2035
- Figure 14. Latin America Market Forecast, 2025 & 2035
- Figure 15. Middle East & Africa Market Forecast, 2025 & 2035
- Figure 16. Company Market Share Analysis, 2025

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