

# Human Milk Oligosaccharides Market Size, Share & Trends Analysis Report By Type (2'FL, 3'FL, 3'SL, 6'SL, LNT), By Application (Infant Formula), By Region, And Segment Forecasts, 2024 - 2030

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## Abstracts

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### Human Milk Oligosaccharides Market Growth & Trends

The global human milk oligosaccharides market size is expected to reach USD 732.23 million by 2030, registering a CAGR of 13.8% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market growth is primarily driven by the rising demand for dietary supplements and an increasing awareness among consumers regarding the significance of gut health. Human milk oligosaccharides (HMOs) are crucial in maintaining gut health as they act as prebiotics in the human body. By promoting the growth of beneficial bacteria, particularly bifidobacteria, in the gut, HMOs enhance metabolic activity and contribute to overall well-being. The increasing recognition of HMO benefits continues to drive market growth.

Moreover, the antimicrobial protection and prebiotic properties of HMOs make them versatile ingredients that can be incorporated into various food products, such as infant formulas, pharmaceuticals, and functional foods, driving their demand. The market for HMOs is further bolstered by their essential role in infant nutrition, brain development, memory enhancement, and disease prevention. Furthermore, advancements in synthetic production methods have expanded the availability of HMOs beyond breast milk, catering to situations where breastfeeding may not be feasible. As consumer awareness continues to rise and demand for prebiotic-rich products escalates, the market for human milk oligosaccharides is expected to witness

sustained growth driven by their unique health benefits across different age groups.

## Human Milk Oligosaccharides Market Report Highlights

2'FL HMOs held a share of 44.6% in 2023 due to the high demand for infant formula and other breast milk substitutes and a rise in regulatory approvals

The DFL segment is expected to witness a CAGR of 20.0% from 2024 to 2030. This can be attributed to growing research and developments regarding the potential health benefits of DFL in infants and adults

The infant formula segment held a share of 90.7% in 2023. The demand for HMOs in designing infant formulas is increasing due to their beneficial properties, such as improving gut health, memory enhancement, brain development, prevention of infection, and prebiotic effects

The dietary supplements segment is anticipated to witness a CAGR of 18.3% from 2024 to 2030. The growing interest in personalized nutrition drives the demand for HMOs in dietary supplements, the desire for natural and functional ingredients, and the recognition of the importance of early-life nutrition

In 2023, Europe held a market share of 78.5%. The European market is characterized by a growing number of parents opting for products enriched with HMO, driven by the understanding that HMOs mimic the composition of human breast milk, thereby offering numerous health benefits to infants

Asia Pacific is expected to grow at a CAGR of 20.5% from 2024 to 2030. The demand for high-nutrition foods and better digestive health are driving the regional market

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Procurement
  - 1.3.1. Purchased Database
  - 1.3.2. GVR's Internal Database
  - 1.3.3. Secondary Sources & Third-Party Perspectives
  - 1.3.4. Primary Research
- 1.4. Information Analysis
  - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation & Publishing

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Market Outlook
- 2.2. Ingredient Outlook
- 2.3. Type Outlook
- 2.4. Application Outlook
- 2.5. Regional Outlook
- 2.6. Competitive Insights

### **CHAPTER 3. HUMAN MILK OLIGOSACCHARIDES MARKET VARIABLES, TRENDS & SCOPE**

- 3.1. Market Introduction
- 3.2. Penetration & Growth Prospect Mapping
  - 3.2.1. Market Penetration
  - 3.2.2. Growth Prospect
- 3.3. Industry Value Chain Analysis
  - 3.3.1. Manufacturing And Technology Outlook
  - 3.3.2. Profit Margin Analysis
- 3.4. Regulatory Framework
  - 3.4.1. U.S.
  - 3.4.2. EU
  - 3.4.3. China

- 3.4.4. Australia and New Zealand
- 3.5. Market Dynamics
  - 3.5.1. Market Driver Analysis
  - 3.5.2. Market Restraint Analysis
  - 3.5.3. Industry Challenges
  - 3.5.4. Industry Opportunities
- 3.6. Industry Analysis
  - 3.6.1. Porter's Five Force Analysis
  - 3.6.2. PESTEL Analysis
- 3.7. Market Entry Strategies
- 3.8. Average Selling Price, by Country, 2023 (USD/Ton)
  - 3.8.1. Average Selling Price, By Type, 2023 (USD/Ton)
  - 3.8.2. Average Selling Price, By Application, 2023 (USD/Ton)

## **CHAPTER 4. HUMAN MILK OLIGOSACCHARIDES MARKET: TYPE ANALYSIS & ESTIMATES**

- 4.1. Type Analysis & Market Share, 2023 & 2030
- 4.2. 2'FL
  - 4.2.1. Market estimates and forecast, 2018 - 2030 (USD Million)
- 4.3. 3'FL
  - 4.3.1. Market estimates and forecast, 2018 - 2030 (USD Million)
- 4.4. 3'SL
  - 4.4.1. Market estimates and forecast, 2018 - 2030 (USD Million)
- 4.5. 6'SL
  - 4.5.1. Market estimates and forecast, 2018 - 2030 (USD Million)
- 4.6. LNT
  - 4.6.1. Market estimates and forecast, 2018 - 2030 (USD Million)
- 4.7. LNnT
  - 4.7.1. Market estimates and forecast, 2018 - 2030 (USD Million)
- 4.8. DFL
  - 4.8.1. Market estimates and forecast, 2018 - 2030 (USD Million)

## **CHAPTER 5. HUMAN MILK OLIGOSACCHARIDES MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

- 5.1. Application Movement Analysis & Market Share, 2023 & 2030
- 5.2. Food & Beverages
  - 5.2.1. Market estimates and forecast, 2018 - 2030 (USD Million)

### 5.3. Dietary Supplements

5.3.1. Market estimates and forecast, 2018 - 2030 (USD Million)

### 5.4. Infant Formula

5.4.1. Market estimates and forecast, 2018 - 2030 (USD Million)

### 5.5. Pharmaceuticals

5.5.1. Market estimates and forecast, 2018 - 2030 (USD Million)

### 5.6. Fat Burners

5.6.1. Market estimates and forecast, 2018 - 2030 (USD Million)

## **CHAPTER 6. HUMAN MILK OLIGOSACCHARIDES MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

### 6.1. Regional Movement Analysis & Market Share, 2023 & 2030

#### 6.2. North America

6.2.1. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.2.2. U.S.

6.2.2.1. Key country dynamics

6.2.2.2. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.2.3. Canada

6.2.3.1. Key country dynamics

6.2.3.2. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.2.4. Mexico

6.2.4.1. Key country dynamics

6.2.4.2. Market estimates and forecast, 2018 - 2030 (USD Million)

#### 6.3. Europe

6.3.1. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.3.2. Germany

6.3.2.1. Key country dynamics

6.3.2.2. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.3.3. U.K.

6.3.3.1. Key country dynamics

6.3.3.2. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.3.4. France

6.3.4.1. Key country dynamics

6.3.4.2. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.3.5. Italy

6.3.5.1. Key country dynamics

6.3.5.2. Market estimates and forecast, 2018 - 2030 (USD Million)

##### 6.3.6. Spain

- 6.3.6.1. Key country dynamics
- 6.3.6.2. Market estimates and forecast, 2018 - 2030 (USD Million)
- 6.4. Asia Pacific
  - 6.4.1. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.2. China
    - 6.4.2.1. Key country dynamics
    - 6.4.2.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.3. India
    - 6.4.3.1. Key country dynamics
    - 6.4.3.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.4. Japan
    - 6.4.4.1. Key country dynamics
    - 6.4.4.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.5. Taiwan
    - 6.4.5.1. Key country dynamics
    - 6.4.5.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.6. South Korea
    - 6.4.6.1. Key country dynamics
    - 6.4.6.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.7. Vietnam
    - 6.4.7.1. Key country dynamics
    - 6.4.7.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.8. Indonesia
    - 6.4.8.1. Key country dynamics
    - 6.4.8.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.9. Philippines
    - 6.4.9.1. Key country dynamics
    - 6.4.9.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.10. Malaysia
    - 6.4.10.1. Key country dynamics
    - 6.4.10.2. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.4.11. Singapore
    - 6.4.11.1. Key country dynamics
    - 6.4.11.2. Market estimates and forecast, 2018 - 2030 (USD Million)
- 6.5. Central & South America
  - 6.5.1. Market estimates and forecast, 2018 - 2030 (USD Million)
  - 6.5.2. Brazil
    - 6.5.2.1. Key country dynamics
    - 6.5.2.2. Market estimates and forecast, 2018 - 2030 (USD Million)

## 6.6. Middle East & Africa

6.6.1. Market estimates and forecast, 2018 - 2030 (USD Million)

6.6.2. South Africa

6.6.2.1. Key country dynamics

6.6.2.2. Market estimates and forecast, 2018 - 2030 (USD Million)

## **CHAPTER 7. COMPETITIVE ANALYSIS**

7.1. Recent developments & impact analysis, by key market participants

7.2. Company Categorization

7.3. Participant's Overview

7.4. Financial Performance

7.5. Product Benchmarking

7.6. Company Market Share Analysis, 2023 (%)

7.7. Company Heat Map Analysis

7.8. Strategy Mapping

7.9. Company Profiles

7.10. Glycom A/S

7.10.1. Company Overview

7.10.2. Financial Performance

7.10.3. Product Benchmarking

7.10.4. Strategic Initiatives

7.11. Chr. Hansen Holding A/S

7.11.1. Company Overview

7.11.2. Financial Performance

7.11.3. Product Benchmarking

7.11.4. Strategic Initiatives

7.12. Kyowa Hakko Europe GmbH

7.12.1. Company Overview

7.12.2. Financial Performance

7.12.3. Product Benchmarking

7.12.4. Strategic Initiatives

7.13. FrieslandCampina Ingredients

7.13.1. Company Overview

7.13.2. Financial Performance

7.13.3. Product Benchmarking

7.13.4. Strategic Initiatives

7.14. BASF SE

7.14.1. Company Overview

- 7.14.2. Financial Performance
- 7.14.3. Product Benchmarking
- 7.14.4. Strategic Initiatives
- 7.15. Dextra Laboratories Limited
  - 7.15.1. Company Overview
  - 7.15.2. Financial Performance
  - 7.15.3. Product Benchmarking
  - 7.15.4. Strategic Initiatives
- 7.16. Inboise N.V.
  - 7.16.1. Company Overview
  - 7.16.2. Financial Performance
  - 7.16.3. Product Benchmarking
  - 7.16.4. Strategic Initiatives
- 7.17. Biosynth Limited
  - 7.17.1. Company Overview
  - 7.17.2. Financial Performance
  - 7.17.3. Product Benchmarking
  - 7.17.4. Strategic Initiatives
- 7.18. ELICITYL S.A.
  - 7.18.1. Company Overview
  - 7.18.2. Financial Performance
  - 7.18.3. Product Benchmarking
  - 7.18.4. Strategic Initiatives
- 7.19. ZuChem Inc.
  - 7.19.1. Company Overview
  - 7.19.2. Financial Performance
  - 7.19.3. Product Benchmarking
  - 7.19.4. Strategic Initiatives
- 7.20. RAJVI ENTERPRISE
  - 7.20.1. Company Overview
  - 7.20.2. Financial Performance
  - 7.20.3. Product Benchmarking
  - 7.20.4. Strategic Initiatives



## List Of Tables

### LIST OF TABLES

1. Comparison of HMOs approval status in various countries/regions
2. Average Selling Price, by Country, 2023 (USD/Ton)
3. Average Selling Price, by Type, 2023 (USD/Ton)
4. Average Selling Price, by Application, 2023 (USD/Ton)
5. Human milk oligosaccharides market estimates & forecast, by type (USD Million)
6. Human milk oligosaccharides market estimates & forecast, by type (Tons)
7. Human milk oligosaccharides market estimates & forecast by application (USD Million)
8. Human milk oligosaccharides market estimates & forecast by application (Tons)
9. U.S. macro-economic outlay
10. Canada macro-economic outlay
11. Mexico macro-economic outlay
12. U.K. macro-economic outlay
13. Germany macro-economic outlay
14. France macro-economic outlay
15. Italy macro-economic outlay
16. Spain macro-economic outlay
17. China macro-economic outlay
18. Japan macro-economic outlay
19. India macro-economic outlay
20. Taiwan macro-economic outlay
21. South Korea macro-economic outlay
22. Vietnam macro-economic outlay
23. Indonesia macro-economic outlay
24. Philippines macro-economic outlay
25. Malaysia macro-economic outlay
26. Singapore macro-economic outlay
27. Brazil macro-economic outlay
28. South Africa macro-economic outlay

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Domain Name System Tools Market Segmentation
- Fig. 2 Market landscape
- Fig. 3 Information Procurement
- Fig. 4 Data Analysis Models
- Fig. 5 Market Formulation and Validation
- Fig. 6 Data Validating & Publishing
- Fig. 7 Market Snapshot
- Fig. 8 Segment Snapshot (1/3)
- Fig. 9 Segment Snapshot (2/3)
- Fig. 10 Competitive Landscape Snapshot
- Fig. 11 Domain Name System Tools: Industry Value Chain Analysis
- Fig. 12 Domain Name System Tools: Market Dynamics
- Fig. 13 Domain Name System Tools: PORTER's Analysis
- Fig. 14 Domain Name System Tools: PESTEL Analysis
- Fig. 15 Domain Name System Tools Share by Type, 2023 & 2030 (USD Billion)
- Fig. 16 Domain Name System Tools, by Type: Market Share, 2023 & 2030
- Fig. 17 Managed DNS Services Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- Fig. 18 Standalone DNS Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- Fig. 19 Domain Name System Tools Share by Deployment, 2023 & 2030 (USD Billion)
- Fig. 20 Domain Name System Tools Market, by Deployment: Market Share, 2023 & 2030
- Fig. 21 Cloud Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- Fig. 22 On-premises Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- Fig. 23 Domain Name System Tools Share by Enterprise Size, 2023 & 2030 (USD Billion)
- Fig. 24 Domain Name System Tools Market, by Enterprise Size: Market Share, 2023 & 2030
- Fig. 25 SMEs Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- Fig. 26 Large Enterprises Market Estimates and Forecasts, 2018 - 2030 (USD Billion)
- Fig. 27 Domain Name System Tools Share by End Use, 2023 & 2030 (USD Billion)
- Fig. 28 Domain Name System Tools, by End Use: Market Share, 2023 & 2030
- Fig. 29 BFSI Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 30 Telecom and IT Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 31 Media and Entertainment Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 32 Retail and E-commerce Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 33 Healthcare Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 34 Government Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 35 Education Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 36 Others Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 37 Regional Market place: Key Takeaways

Fig. 38 North America Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 39 U.S. Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 40 Canada Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 41 Mexico Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 42 Europe Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 43 UK Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 44 Germany Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 45 France Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 46 Asia Pacific Domain Name System Tools Market Estimates and Forecast, 2018 - 2030 (USD Billion)

Fig. 47 China Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 48 India Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 49 Japan Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 50 Australia Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 51 South Korea Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 52 Latin America Domain Name System Tools Market Estimates and Forecasts,

2018 - 2030 (USD Billion)

Fig. 53 Brazil Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 54 MEA Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 55 Kingdom of Saudi Arabia Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 56 UAE Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 57 South Africa Domain Name System Tools Market Estimates and Forecasts, 2018 - 2030 (USD Billion)

Fig. 58 Key Company Categorization

Fig. 59 Company Market Positioning

Fig. 60 Key Company Market Share Analysis, 2023

Fig. 61 Strategic Framework

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