

# Human Milk Oligosaccharides (HMO) Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/H64C8FBCCDA1EN.html>

Date: April 2022

Pages: 70

Price: US\$ 3,250.00 (Single User License)

ID: H64C8FBCCDA1EN

## Abstracts

Human milk oligosaccharides (HMOs) are a family of structurally diverse unconjugated glycan's that are found in and unique to human breast milk, despite not actually being digestible by human infants. HMOs function as a prebiotic helping to establish commensal bacteria. HMOs also function as anti-adhesives that help prevent the attachment of microbial pathogens to mucosal surfaces. Human milk oligosaccharides are manufactured through numerous processes which involve the use of several chemicals, enzymes or microbes. The technology used for manufacturing of human milk oligosaccharides is very complex and expensive, thus restricting their large-scale production. Major players have been increasing investing increasingly on R&D for low-cost production and the introduction of effective technologies for product synthesis.

This report contains market size and forecasts of Human Milk Oligosaccharides (HMO) in global, including the following market information:

Global Human Milk Oligosaccharides (HMO) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Human Milk Oligosaccharides (HMO) Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Human Milk Oligosaccharides (HMO) companies in 2021 (%)

The global Human Milk Oligosaccharides (HMO) market was valued at 396 million in 2021 and is projected to reach US\$ 1015.7 million by 2028, at a CAGR of 14.4% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

2'-FL & 3-FL Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Human Milk Oligosaccharides (HMO) include Abbott, Inbiose, Glycom, Chr. Hansen (Jennewein), ZuChem and Glycom, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Human Milk Oligosaccharides (HMO) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Human Milk Oligosaccharides (HMO) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Human Milk Oligosaccharides (HMO) Market Segment Percentages, by Type, 2021 (%)

2'-FL & 3-FL

Sialyllactose

LNT & LNnT

Global Human Milk Oligosaccharides (HMO) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Human Milk Oligosaccharides (HMO) Market Segment Percentages, by Application, 2021 (%)

Infant Formula

Functional Food & Beverages

Food/Medical Supplements

Others

Global Human Milk Oligosaccharides (HMO) Market, By Region and Country,  
2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Human Milk Oligosaccharides (HMO) Market Segment Percentages, By Region  
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Human Milk Oligosaccharides (HMO) revenues in global market,

2017-2022 (Estimated), (\$ millions)

Key companies Human Milk Oligosaccharides (HMO) revenues share in global market, 2021 (%)

Key companies Human Milk Oligosaccharides (HMO) sales in global market, 2017-2022 (Estimated), (Tons)

Key companies Human Milk Oligosaccharides (HMO) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Abbott

Inbiose

Glycom

Chr. Hansen (Jennewein)

ZuChem

Glycom

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Human Milk Oligosaccharides (HMO) Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Human Milk Oligosaccharides (HMO) Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL HUMAN MILK OLIGOSACCHARIDES (HMO) OVERALL MARKET SIZE**

- 2.1 Global Human Milk Oligosaccharides (HMO) Market Size: 2021 VS 2028
- 2.2 Global Human Milk Oligosaccharides (HMO) Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Human Milk Oligosaccharides (HMO) Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top Human Milk Oligosaccharides (HMO) Players in Global Market
- 3.2 Top Global Human Milk Oligosaccharides (HMO) Companies Ranked by Revenue
- 3.3 Global Human Milk Oligosaccharides (HMO) Revenue by Companies
- 3.4 Global Human Milk Oligosaccharides (HMO) Sales by Companies
- 3.5 Global Human Milk Oligosaccharides (HMO) Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Human Milk Oligosaccharides (HMO) Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Human Milk Oligosaccharides (HMO) Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Human Milk Oligosaccharides (HMO) Players in Global Market
  - 3.8.1 List of Global Tier 1 Human Milk Oligosaccharides (HMO) Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Human Milk Oligosaccharides (HMO) Companies

### **4 SIGHTS BY PRODUCT**

#### 4.1 Overview

4.1.1 By Type - Global Human Milk Oligosaccharides (HMO) Market Size Markets, 2021 & 2028

4.1.2 2'-FL & 3-FL

4.1.3 Sialyllactose

4.1.4 LNT & LNnT

4.2 By Type - Global Human Milk Oligosaccharides (HMO) Revenue & Forecasts

4.2.1 By Type - Global Human Milk Oligosaccharides (HMO) Revenue, 2017-2022

4.2.2 By Type - Global Human Milk Oligosaccharides (HMO) Revenue, 2023-2028

4.2.3 By Type - Global Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028

4.3 By Type - Global Human Milk Oligosaccharides (HMO) Sales & Forecasts

4.3.1 By Type - Global Human Milk Oligosaccharides (HMO) Sales, 2017-2022

4.3.2 By Type - Global Human Milk Oligosaccharides (HMO) Sales, 2023-2028

4.3.3 By Type - Global Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028

4.4 By Type - Global Human Milk Oligosaccharides (HMO) Price (Manufacturers Selling Prices), 2017-2028

### 5 SIGHTS BY APPLICATION

#### 5.1 Overview

5.1.1 By Application - Global Human Milk Oligosaccharides (HMO) Market Size, 2021 & 2028

5.1.2 Infant Formula

5.1.3 Functional Food & Beverages

5.1.4 Food/Medical Supplements

5.1.5 Others

5.2 By Application - Global Human Milk Oligosaccharides (HMO) Revenue & Forecasts

5.2.1 By Application - Global Human Milk Oligosaccharides (HMO) Revenue, 2017-2022

5.2.2 By Application - Global Human Milk Oligosaccharides (HMO) Revenue, 2023-2028

5.2.3 By Application - Global Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028

5.3 By Application - Global Human Milk Oligosaccharides (HMO) Sales & Forecasts

5.3.1 By Application - Global Human Milk Oligosaccharides (HMO) Sales, 2017-2022

5.3.2 By Application - Global Human Milk Oligosaccharides (HMO) Sales, 2023-2028

5.3.3 By Application - Global Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028

5.4 By Application - Global Human Milk Oligosaccharides (HMO) Price (Manufacturers Selling Prices), 2017-2028

## **6 SIGHTS BY REGION**

6.1 By Region - Global Human Milk Oligosaccharides (HMO) Market Size, 2021 & 2028

6.2 By Region - Global Human Milk Oligosaccharides (HMO) Revenue & Forecasts

6.2.1 By Region - Global Human Milk Oligosaccharides (HMO) Revenue, 2017-2022

6.2.2 By Region - Global Human Milk Oligosaccharides (HMO) Revenue, 2023-2028

6.2.3 By Region - Global Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028

6.3 By Region - Global Human Milk Oligosaccharides (HMO) Sales & Forecasts

6.3.1 By Region - Global Human Milk Oligosaccharides (HMO) Sales, 2017-2022

6.3.2 By Region - Global Human Milk Oligosaccharides (HMO) Sales, 2023-2028

6.3.3 By Region - Global Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Human Milk Oligosaccharides (HMO) Revenue, 2017-2028

6.4.2 By Country - North America Human Milk Oligosaccharides (HMO) Sales, 2017-2028

6.4.3 US Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.4.4 Canada Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.4.5 Mexico Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Human Milk Oligosaccharides (HMO) Revenue, 2017-2028

6.5.2 By Country - Europe Human Milk Oligosaccharides (HMO) Sales, 2017-2028

6.5.3 Germany Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.5.4 France Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.5.5 U.K. Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.5.6 Italy Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.5.7 Russia Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.5.8 Nordic Countries Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.5.9 Benelux Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Human Milk Oligosaccharides (HMO) Revenue, 2017-2028

6.6.2 By Region - Asia Human Milk Oligosaccharides (HMO) Sales, 2017-2028



- 6.6.3 China Human Milk Oligosaccharides (HMO) Market Size, 2017-2028
- 6.6.4 Japan Human Milk Oligosaccharides (HMO) Market Size, 2017-2028
- 6.6.5 South Korea Human Milk Oligosaccharides (HMO) Market Size, 2017-2028
- 6.6.6 Southeast Asia Human Milk Oligosaccharides (HMO) Market Size, 2017-2028
- 6.6.7 India Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

## 6.7 South America

6.7.1 By Country - South America Human Milk Oligosaccharides (HMO) Revenue, 2017-2028

6.7.2 By Country - South America Human Milk Oligosaccharides (HMO) Sales, 2017-2028

6.7.3 Brazil Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.7.4 Argentina Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

## 6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Human Milk Oligosaccharides (HMO) Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Human Milk Oligosaccharides (HMO) Sales, 2017-2028

6.8.3 Turkey Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.8.4 Israel Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.8.5 Saudi Arabia Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

6.8.6 UAE Human Milk Oligosaccharides (HMO) Market Size, 2017-2028

## 7 MANUFACTURERS & BRANDS PROFILES

### 7.1 Abbott

7.1.1 Abbott Corporate Summary

7.1.2 Abbott Business Overview

7.1.3 Abbott Human Milk Oligosaccharides (HMO) Major Product Offerings

7.1.4 Abbott Human Milk Oligosaccharides (HMO) Sales and Revenue in Global (2017-2022)

7.1.5 Abbott Key News

### 7.2 Inbiose

7.2.1 Inbiose Corporate Summary

7.2.2 Inbiose Business Overview

7.2.3 Inbiose Human Milk Oligosaccharides (HMO) Major Product Offerings

7.2.4 Inbiose Human Milk Oligosaccharides (HMO) Sales and Revenue in Global (2017-2022)

7.2.5 Inbiose Key News

### 7.3 Glycom

- 7.3.1 Glycom Corporate Summary
- 7.3.2 Glycom Business Overview
- 7.3.3 Glycom Human Milk Oligosaccharides (HMO) Major Product Offerings
- 7.3.4 Glycom Human Milk Oligosaccharides (HMO) Sales and Revenue in Global (2017-2022)
- 7.3.5 Glycom Key News
- 7.4 Chr. Hansen (Jennewein)
  - 7.4.1 Chr. Hansen (Jennewein) Corporate Summary
  - 7.4.2 Chr. Hansen (Jennewein) Business Overview
  - 7.4.3 Chr. Hansen (Jennewein) Human Milk Oligosaccharides (HMO) Major Product Offerings
  - 7.4.4 Chr. Hansen (Jennewein) Human Milk Oligosaccharides (HMO) Sales and Revenue in Global (2017-2022)
  - 7.4.5 Chr. Hansen (Jennewein) Key News
- 7.5 ZuChem
  - 7.5.1 ZuChem Corporate Summary
  - 7.5.2 ZuChem Business Overview
  - 7.5.3 ZuChem Human Milk Oligosaccharides (HMO) Major Product Offerings
  - 7.5.4 ZuChem Human Milk Oligosaccharides (HMO) Sales and Revenue in Global (2017-2022)
  - 7.5.5 ZuChem Key News
- 7.6 Glycom
  - 7.6.1 Glycom Corporate Summary
  - 7.6.2 Glycom Business Overview
  - 7.6.3 Glycom Human Milk Oligosaccharides (HMO) Major Product Offerings
  - 7.6.4 Glycom Human Milk Oligosaccharides (HMO) Sales and Revenue in Global (2017-2022)
  - 7.6.5 Glycom Key News

## **8 GLOBAL HUMAN MILK OLIGOSACCHARIDES (HMO) PRODUCTION CAPACITY, ANALYSIS**

- 8.1 Global Human Milk Oligosaccharides (HMO) Production Capacity, 2017-2028
- 8.2 Human Milk Oligosaccharides (HMO) Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Human Milk Oligosaccharides (HMO) Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

## **10 HUMAN MILK OLIGOSACCHARIDES (HMO) SUPPLY CHAIN ANALYSIS**

- 10.1 Human Milk Oligosaccharides (HMO) Industry Value Chain
- 10.2 Human Milk Oligosaccharides (HMO) Upstream Market
- 10.3 Human Milk Oligosaccharides (HMO) Downstream and Clients
- 10.4 Marketing Channels Analysis
  - 10.4.1 Marketing Channels
  - 10.4.2 Human Milk Oligosaccharides (HMO) Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

- 12.1 Note
- 12.2 Examples of Clients
- 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Key Players of Human Milk Oligosaccharides (HMO) in Global Market

Table 2. Top Human Milk Oligosaccharides (HMO) Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Human Milk Oligosaccharides (HMO) Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Human Milk Oligosaccharides (HMO) Revenue Share by Companies, 2017-2022

Table 5. Global Human Milk Oligosaccharides (HMO) Sales by Companies, (Tons), 2017-2022

Table 6. Global Human Milk Oligosaccharides (HMO) Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Human Milk Oligosaccharides (HMO) Price (2017-2022) & (USD/Kg)

Table 8. Global Manufacturers Human Milk Oligosaccharides (HMO) Product Type

Table 9. List of Global Tier 1 Human Milk Oligosaccharides (HMO) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Human Milk Oligosaccharides (HMO) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Human Milk Oligosaccharides (HMO) Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Human Milk Oligosaccharides (HMO) Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Human Milk Oligosaccharides (HMO) Sales (Tons), 2017-2022

Table 15. By Type - Global Human Milk Oligosaccharides (HMO) Sales (Tons), 2023-2028

Table 16. By Application – Global Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Human Milk Oligosaccharides (HMO) Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Human Milk Oligosaccharides (HMO) Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Human Milk Oligosaccharides (HMO) Sales (Tons),

2017-2022

Table 20. By Application - Global Human Milk Oligosaccharides (HMO) Sales (Tons), 2023-2028

Table 21. By Region – Global Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Human Milk Oligosaccharides (HMO) Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Human Milk Oligosaccharides (HMO) Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Human Milk Oligosaccharides (HMO) Sales (Tons), 2017-2022

Table 25. By Region - Global Human Milk Oligosaccharides (HMO) Sales (Tons), 2023-2028

Table 26. By Country - North America Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Human Milk Oligosaccharides (HMO) Sales, (Tons), 2017-2022

Table 29. By Country - North America Human Milk Oligosaccharides (HMO) Sales, (Tons), 2023-2028

Table 30. By Country - Europe Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Human Milk Oligosaccharides (HMO) Sales, (Tons), 2017-2022

Table 33. By Country - Europe Human Milk Oligosaccharides (HMO) Sales, (Tons), 2023-2028

Table 34. By Region - Asia Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Human Milk Oligosaccharides (HMO) Sales, (Tons), 2017-2022

Table 37. By Region - Asia Human Milk Oligosaccharides (HMO) Sales, (Tons), 2023-2028

Table 38. By Country - South America Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Human Milk Oligosaccharides (HMO) Sales, (Tons), 2017-2022

Table 41. By Country - South America Human Milk Oligosaccharides (HMO) Sales, (Tons), 2023-2028

Table 42. By Country - Middle East & Africa Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Human Milk Oligosaccharides (HMO) Sales, (Tons), 2017-2022

Table 45. By Country - Middle East & Africa Human Milk Oligosaccharides (HMO) Sales, (Tons), 2023-2028

Table 46. Abbott Corporate Summary

Table 47. Abbott Human Milk Oligosaccharides (HMO) Product Offerings

Table 48. Abbott Human Milk Oligosaccharides (HMO) Sales (Tons), Revenue (US\$, Mn) and Average Price (USD/Kg) (2017-2022)

Table 49. Inbiose Corporate Summary

Table 50. Inbiose Human Milk Oligosaccharides (HMO) Product Offerings

Table 51. Inbiose Human Milk Oligosaccharides (HMO) Sales (Tons), Revenue (US\$, Mn) and Average Price (USD/Kg) (2017-2022)

Table 52. Glycom Corporate Summary

Table 53. Glycom Human Milk Oligosaccharides (HMO) Product Offerings

Table 54. Glycom Human Milk Oligosaccharides (HMO) Sales (Tons), Revenue (US\$, Mn) and Average Price (USD/Kg) (2017-2022)

Table 55. Chr. Hansen (Jennewein) Corporate Summary

Table 56. Chr. Hansen (Jennewein) Human Milk Oligosaccharides (HMO) Product Offerings

Table 57. Chr. Hansen (Jennewein) Human Milk Oligosaccharides (HMO) Sales (Tons), Revenue (US\$, Mn) and Average Price (USD/Kg) (2017-2022)

Table 58. ZuChem Corporate Summary

Table 59. ZuChem Human Milk Oligosaccharides (HMO) Product Offerings

Table 60. ZuChem Human Milk Oligosaccharides (HMO) Sales (Tons), Revenue (US\$, Mn) and Average Price (USD/Kg) (2017-2022)

Table 61. Glycom Corporate Summary

Table 62. Glycom Human Milk Oligosaccharides (HMO) Product Offerings

Table 63. Glycom Human Milk Oligosaccharides (HMO) Sales (Tons), Revenue (US\$, Mn) and Average Price (USD/Kg) (2017-2022)

Table 64. Human Milk Oligosaccharides (HMO) Production Capacity (Tons) of Key Manufacturers in Global Market, 2020-2022 (Tons)

Table 65. Global Human Milk Oligosaccharides (HMO) Capacity Market Share of Key Manufacturers, 2020-2022

Table 66. Global Human Milk Oligosaccharides (HMO) Production by Region, 2017-2022 (Tons)

Table 67. Global Human Milk Oligosaccharides (HMO) Production by Region, 2023-2028 (Tons)

Table 68. Human Milk Oligosaccharides (HMO) Market Opportunities & Trends in Global Market

Table 69. Human Milk Oligosaccharides (HMO) Market Drivers in Global Market

Table 70. Human Milk Oligosaccharides (HMO) Market Restraints in Global Market

Table 71. Human Milk Oligosaccharides (HMO) Raw Materials

Table 72. Human Milk Oligosaccharides (HMO) Raw Materials Suppliers in Global Market

Table 73. Typical Human Milk Oligosaccharides (HMO) Downstream

Table 74. Human Milk Oligosaccharides (HMO) Downstream Clients in Global Market

Table 75. Human Milk Oligosaccharides (HMO) Distributors and Sales Agents in Global Market



## List Of Figures

### LIST OF FIGURES

- Figure 1. Human Milk Oligosaccharides (HMO) Segment by Type
- Figure 2. Human Milk Oligosaccharides (HMO) Segment by Application
- Figure 3. Global Human Milk Oligosaccharides (HMO) Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Human Milk Oligosaccharides (HMO) Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Human Milk Oligosaccharides (HMO) Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Human Milk Oligosaccharides (HMO) Sales in Global Market: 2017-2028 (Tons)
- Figure 8. The Top 3 and 5 Players Market Share by Human Milk Oligosaccharides (HMO) Revenue in 2021
- Figure 9. By Type - Global Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028
- Figure 10. By Type - Global Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Human Milk Oligosaccharides (HMO) Price (USD/Kg), 2017-2028
- Figure 12. By Application - Global Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028
- Figure 13. By Application - Global Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Human Milk Oligosaccharides (HMO) Price (USD/Kg), 2017-2028
- Figure 15. By Region - Global Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028
- Figure 16. By Region - Global Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028
- Figure 19. US Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn),



2017-2028

Figure 22. By Country - Europe Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028

Figure 24. Germany Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 25. France Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028

Figure 33. China Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 37. India Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028

Figure 39. By Country - South America Human Milk Oligosaccharides (HMO) Sales Market Share, 2017-2028

Figure 40. Brazil Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Human Milk Oligosaccharides (HMO) Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Human Milk Oligosaccharides (HMO)

Sales Market Share, 2017-2028

Figure 44. Turkey Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Human Milk Oligosaccharides (HMO) Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Human Milk Oligosaccharides (HMO) Production Capacity (Tons), 2017-2028

Figure 49. The Percentage of Production Human Milk Oligosaccharides (HMO) by Region, 2021 VS 2028

Figure 50. Human Milk Oligosaccharides (HMO) Industry Value Chain

Figure 51. Marketing Channels

## I would like to order

Product name: Human Milk Oligosaccharides (HMO) Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/H64C8FBCCDA1EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H64C8FBCCDA1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970