

Human Insulin Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global human insulin market size reached US\$ 45.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 68.0 Billion by 2028, exhibiting a growth rate (CAGR) of 6.48% during 2023-2028.

Human insulin (HI) is a short-acting form of insulin used to treat hyperglycemia caused by type 1 and type 2 diabetes. It is produced by recombinant DNA technology and identical to endogenously made insulin. It is used to take the place of insulin generally produced by the body and aids in insulating sugar from the blood into other body tissues, wherein it is utilized for energy. It induces lower titers of circulating insulin antibodies and minimizes skin reactions. At present, manufacturers are introducing an inhalable form intended to be used as a bolus meal-time insulin.

Human Insulin Market Trends:

The increasing prevalence of diabetes on account of sedentary lifestyles, unhealthy dietary patterns, and high-stress levels represents one of the major factors positively influencing the demand for HI around the world. Moreover, the rising geriatric population, which is more susceptible to such ailments, is providing a thrust to the market growth. In addition, key players are introducing pen devices and safety pen needles to administer HI in the body. It assists in minimizing discomfort and reducing the risks of injuries, infections, and bloodborne pathogen transmission. Apart from this, the growing public awareness about the benefits of using HI and the increasing health consciousness among individuals is driving the market. Besides this, significant improvements in the healthcare infrastructure and extensive research and development (R&D) activities in the field of biotechnology conducted by leading industry players are creating a positive outlook in the market.



Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global human insulin market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, distribution channel and disease type.

Breakup by Product Type:

Drugs Human Insulin Analogs and Biosimilars Rapid Acting Long Acting Premixed Human Insulin Biologics Short Acting Intermediate Acting Premixed **Delivery Devices** Pens **Reusable Pens Disposable Pens** Pen Needles Standard Pen Needles Safety Pen Needles Syringes Others

Breakup by Distribution Channel:

Retail Pharmacies Hospital Pharmacies Online Retail Stores Others

Breakup by Disease Type:

Type I Diabetes Type II Diabetes



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

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being B. Braun Melsungen AG, Becton, Dickinson and Company (BD), Biocon, Eli Lilly and Company, Gulf Pharmaceutical Industries (Julphar), Novo Nordisk A/S, Pfizer Inc., Groupe Sanofi, SEDICO Co., Wockhardt Limited, Ypsomed AG, etc.

Key Questions Answered in This Report:

How has the global human insulin market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global human insulin market?

What are the key regional markets?

What is the breakup of the market based on the product type?



What is the breakup of the market based on the drug type? What is the breakup of the market based on the delivery devices? What is the breakup of the market based on the distribution channel? What is the breakup of the market based on the disease type? What are the various stages in the value chain of the industry? What are the key driving factors and challenges in the industry? What is the structure of the global human insulin market and who are the key players? What is the degree of competition in the industry?



Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
- 2.3.1 Primary Sources
- 2.3.2 Secondary Sources
- 2.4 Market Estimation
- 2.4.1 Bottom-Up Approach
- 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL HUMAN INSULIN MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT TYPE

6.1 Drugs 6.1.1 Market Trends 6.1.2 Market Breakup by Type 6.1.2.1 Human Insulin Analogs and Biosimilars 6.1.2.1.1 Rapid Acting 6.1.2.1.1.1 Market Trends

6.1.2.1.1.2 Market Forecast



6.1.2.1.2 Long Acting 6.1.2.1.2.1 Market Trends 6.1.2.1.2.2 Market Forecast 6.1.2.1.3 Premixed 6.1.2.1.3.1 Market Trends 6.1.2.1.3.2 Market Forecast 6.1.2.2 Human Insulin Biologics 6.1.2.2.1 Short Acting 6.1.2.2.1.1 Market Trends 6.1.2.2.1.2 Market Forecast 6.1.2.2.2 Intermediate Acting 6.1.2.2.2.1 Market Trends 6.1.2.2.2.2 Market Forecast 6.1.2.2.3 Premixed 6.1.2.2.3.1 Market Trends 6.1.2.2.3.2 Market Forecast 6.1.3 Market Forecast 6.2 Delivery Devices 6.2.1 Market Trends 6.2.2 Market Breakup by Type 6.2.2.1 Pens 6.2.2.1.1 Reusable Pens 6.2.2.1.2 Disposable Pens 6.2.2.2 Pen Needles 6.2.2.2.1 Standard Pen Needles 6.2.2.2.2 Safety Pen Needles

- 6.2.2.3 Syringes
- 6.2.2.4 Others
- 6.2.3 Market Forecast

7 MARKET BREAKUP BY DISTRIBUTION CHANNEL

- 7.1 Retail Pharmacies
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Hospital Pharmacies
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Online Retail Stores



7.3.1 Market Trends7.3.2 Market Forecast7.4 Others7.4.1 Market Trends7.4.2 Market Forecast

8 MARKET BREAKUP BY DISEASE TYPE

8.1 Type I Diabetes
8.1.1 Market Trends
8.1.2 Market Forecast
8.2 Type II Diabetes
8.2.1 Market Trends
8.2.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America 9.1.1 United States 9.1.1.1 Market Trends 9.1.1.2 Market Forecast 9.1.2 Canada 9.1.2.1 Market Trends 9.1.2.2 Market Forecast 9.2 Asia Pacific 9.2.1 China 9.2.1.1 Market Trends 9.2.1.2 Market Forecast 9.2.2 Japan 9.2.2.1 Market Trends 9.2.2.2 Market Forecast 9.2.3 India 9.2.3.1 Market Trends 9.2.3.2 Market Forecast 9.2.4 South Korea 9.2.4.1 Market Trends 9.2.4.2 Market Forecast 9.2.5 Australia 9.2.5.1 Market Trends



9.2.5.2 Market Forecast 9.2.6 Indonesia 9.2.6.1 Market Trends 9.2.6.2 Market Forecast 9.2.7 Others 9.2.7.1 Market Trends 9.2.7.2 Market Forecast 9.3 Europe 9.3.1 Germany 9.3.1.1 Market Trends 9.3.1.2 Market Forecast 9.3.2 France 9.3.2.1 Market Trends 9.3.2.2 Market Forecast 9.3.3 United Kingdom 9.3.3.1 Market Trends 9.3.3.2 Market Forecast 9.3.4 Italy 9.3.4.1 Market Trends 9.3.4.2 Market Forecast 9.3.5 Spain 9.3.5.1 Market Trends 9.3.5.2 Market Forecast 9.3.6 Russia 9.3.6.1 Market Trends 9.3.6.2 Market Forecast 9.3.7 Others 9.3.7.1 Market Trends 9.3.7.2 Market Forecast 9.4 Latin America 9.4.1 Brazil 9.4.1.1 Market Trends 9.4.1.2 Market Forecast 9.4.2 Mexico 9.4.2.1 Market Trends 9.4.2.2 Market Forecast 9.4.3 Others 9.4.3.1 Market Trends 9.4.3.2 Market Forecast



- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE INDICATORS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
- 14.3.1 B. Braun Melsungen AG
 - 14.3.1.1 Company Overview
- 14.3.1.2 Product Portfolio
- 14.3.1.3 SWOT Analysis
- 14.3.2 Becton, Dickinson and Company (BD)
- 14.3.2.1 Company Overview
- 14.3.2.2 Product Portfolio
- 14.3.2.3 Financials



14.3.2.4 SWOT Analysis

- 14.3.3 Biocon
- 14.3.3.1 Company Overview
- 14.3.3.2 Product Portfolio
- 14.3.3.3 Financials
- 14.3.3.4 SWOT Analysis
- 14.3.4 Eli Lilly and Company
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
- 14.3.4.3 Financials
- 14.3.4.4 SWOT Analysis
- 14.3.5 Gulf Pharmaceutical Industries (Julphar)
- 14.3.5.1 Company Overview
- 14.3.5.2 Product Portfolio
- 14.3.5.3 Financials
- 14.3.5.4 SWOT Analysis
- 14.3.6 Novo Nordisk A/S
- 14.3.6.1 Company Overview
- 14.3.6.2 Product Portfolio
- 14.3.6.3 Financials
- 14.3.6.4 SWOT Analysis
- 14.3.7 Pfizer Inc.
 - 14.3.7.1 Company Overview
- 14.3.7.2 Product Portfolio
- 14.3.7.3 Financials
- 14.3.7.4 SWOT Analysis
- 14.3.8 Groupe Sanofi
- 14.3.8.1 Company Overview
- 14.3.8.2 Product Portfolio
- 14.3.8.3 Financials
- 14.3.8.4 SWOT Analysis
- 14.3.9 SEDICO Co.
- 14.3.9.1 Company Overview
- 14.3.9.2 Product Portfolio
- 14.3.10 Wockhardt Limited
- 14.3.10.1 Company Overview
- 14.3.10.2 Product Portfolio
- 14.3.10.3 Financials
- 14.3.11 Ypsomed AG



14.3.11.1 Company Overview14.3.11.2 Product Portfolio14.3.11.3 Financials14.3.11.4 SWOT Analysis



List Of Tables

LIST OF TABLES

Table 1: Global: Human Insulin Market: Key Industry Highlights, 2022 and 2028 Table 2: Global: Human Insulin Market Forecast: Breakup by Product Type (in Million US\$), 2023-2028 Table 3: Global: Human Insulin Drugs Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 4: Global: Human Insulin Delivery Devices Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 5: Global: Human Insulin Market Forecast: Breakup by Distribution Channel (in Million US\$), 2023-2028

Table 6: Global: Human Insulin Market Forecast: Breakup by Disease Type (in Million US\$), 2023-2028

Table 7: Global: Human Insulin Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 8: Global: Human Insulin Market: Competitive Structure

Table 9: Global: Human Insulin Market: Key Players



List Of Figures

LIST OF FIGURES

Figure 1: Global: Human Insulin Market: Major Drivers and Challenges Figure 2: Global: Human Insulin Market: Sales Value (in Billion US\$), 2017-2022 Figure 3: Global: Human Insulin Market: Breakup by Product Type (in %), 2022 Figure 4: Global: Human Insulin Drugs Market: Breakup by Type (in %), 2022 Figure 5: Global: Human Insulin Delivery Devices Market: Breakup by Type (in %), 2022 Figure 6: Global: Human Insulin Market: Breakup by Distribution Channel (in %), 2022 Figure 7: Global: Human Insulin Market: Breakup by Disease Type (in %), 2022 Figure 8: Global: Human Insulin Market: Breakup by Region (in %), 2022 Figure 9: Global: Human Insulin Market Forecast: Sales Value (in Billion US\$), 2023-2028 Figure 10: Global: Human Insulin (Drugs) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 11: Global: Human Insulin Drugs (Analogs and Biosimilars) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 12: Global: Human Insulin Drugs (Analogs and Biosimilars- Rapid Acting) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 13: Global: Human Insulin Drugs (Analogs and Biosimilars- Rapid Acting) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 14: Global: Human Insulin Drugs (Analogs and Biosimilars- Long Acting) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 15: Global: Human Insulin Drugs (Analogs and Biosimilars- Long Acting) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 16: Global: Human Insulin Drugs (Analogs and Biosimilars- Premixed) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 17: Global: Human Insulin Drugs (Analogs and Biosimilars- Premixed) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 18: Global: Human Insulin Drugs (Analogs and Biosimilars) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 19: Global: Human Insulin Drugs (Biologics) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 20: Global: Human Insulin Drugs (Biologics - Short Acting) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 21: Global: Human Insulin Drugs (Biologics - Short Acting) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Human Insulin Drugs (Biologics - Intermediate Acting) Market: Sales



Value (in Million US\$), 2017 & 2022 Figure 23: Global: Human Insulin Drugs (Biologics - Intermediate Acting) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 24: Global: Human Insulin Drugs (Biologics - Premixed) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 25: Global: Human Insulin Drugs (Biologics - Premixed) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 26: Global: Human Insulin Drugs (Biologics) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 27: Global: Human Insulin (Drugs) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 28: Global: Human Insulin (Delivery Devices) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 29: Global: Human Insulin Delivery Devices (Pens) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 30: Global: Human Insulin Delivery Devices (Pens) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 31: Global: Human Insulin Delivery Devices (Pen Needles) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 32: Global: Human Insulin Delivery Devices (Pen Needles) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 33: Global: Human Insulin Delivery Devices (Syringes) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 34: Global: Human Insulin Delivery Devices (Syringes) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 35: Global: Human Insulin Delivery Devices (Others) Market: Sales Value (in Million US\$), 2017 & 2022 Figure 36: Global: Human Insulin Delivery Devices (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 37: Global: Human Insulin (Delivery Devices) Market Forecast: Sales Value (in Million US\$), 2023-2028 Figure 38: Global: Human Insulin Market: Sales through Retail Pharmacies (in Million US\$), 2017 & 2022 Figure 39: Global: Human Insulin Market Forecast: Sales through Retail Pharmacies (in Million US\$), 2023-2028 Figure 40: Global: Human Insulin Market: Sales through Hospital Pharmacies (in Million US\$), 2017 & 2022 Figure 41: Global: Human Insulin Market Forecast: Sales through Hospital Pharmacies (in Million US\$), 2023-2028



Figure 42: Global: Human Insulin Market: Sales through Online Retail Stores (in Million US\$), 2017 & 2022

Figure 43: Global: Human Insulin Market Forecast: Sales through Online Retail Stores (in Million US\$), 2023-2028

Figure 44: Global: Human Insulin Market: Sales through Other Distribution Channels (in Million US\$), 2017 & 2022

Figure 45: Global: Human Insulin Market Forecast: Sales through Other Distribution Channels (in Million US\$), 2023-2028

Figure 46: Global: Human Insulin (Type I Diabetes) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Global: Human Insulin (Type I Diabetes) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Global: Human Insulin (Type II Diabetes) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Global: Human Insulin (Type II Diabetes) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: North America: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: North America: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: United States: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: United States: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Canada: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 55: Canada: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Asia Pacific: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Asia Pacific: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: China: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 59: China: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Japan: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 61: Japan: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: India: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 63: India: Human Insulin Market Forecast: Sales Value (in Million US\$),



2023-2028

Figure 64: South Korea: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: South Korea: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Australia: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 67: Australia: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Indonesia: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 69: Indonesia: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Others: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 71: Others: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Europe: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 73: Europe: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Germany: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 75: Germany: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: France: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 77: France: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: United Kingdom: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: United Kingdom: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Italy: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 81: Italy: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Spain: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 83: Spain: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 84: Russia: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 85: Russia: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 86: Others: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 87: Others: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028



Figure 88: Latin America: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 89: Latin America: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 90: Brazil: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 91: Brazil: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 92: Mexico: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 93: Mexico: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 94: Others: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022 Figure 95: Others: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 96: Middle East and Africa: Human Insulin Market: Sales Value (in Million US\$), 2017 & 2022

Figure 97: Middle East and Africa: Human Insulin Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 98: Global: Human Insulin Industry: SWOT Analysis

Figure 99: Global: Human Insulin Industry: Value Chain Analysis

Figure 100: Global: Human Insulin Industry: Porter's Five Forces Analysis



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