

# Human Insulin Drugs and Delivery Devices Market Size, Trends, Analysis, and Outlook By Product (Human Insulin Drugs, Human Insulin Delivery Devices), By Drug (Insulin Analogs and Biosimilar, Human Insulin Biologics), By Delivery Devices (Syringes, Pens, Pen Needles), By Application (Type I Diabetes, Type II Diabetes), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/H6752761504FEN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: H6752761504FEN

## Abstracts

The global Human Insulin Drugs and Delivery Devices market size is poised to register 8.1% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Human Insulin Drugs and Delivery Devices market across By Product (Human Insulin Drugs, Human Insulin Delivery Devices), By Drug (Insulin Analogs and Biosimilar, Human Insulin Biologics), By Delivery Devices (Syringes, Pens, Pen Needles), By Application (Type I Diabetes, Type II Diabetes)

The Human Insulin Drugs and Delivery Devices market is evolving with the increasing prevalence of diabetes, rising demand for insulin therapy, and advancements in insulin formulations and delivery technologies that improve treatment efficacy, safety, and convenience for patients with diabetes mellitus (DM). Human insulin, a naturally occurring hormone, is used to regulate blood glucose levels in patients with type 1 diabetes, type 2 diabetes, and gestational diabetes, requiring various insulin analogs, formulations, and delivery devices to meet individualized treatment needs. The market is driven by demographic trends, including the aging population and rising obesity rates, as well as technological innovations in insulin pumps, pens, patches, and smart devices

that enhance insulin administration and monitoring. Further, the shift towards personalized diabetes management and value-based care models is driving market expansion, as healthcare providers prioritize patient-centered approaches and adherence support services. By 2030, the market is expected to witness further growth as stakeholders invest in insulin delivery devices that offer dose accuracy, data connectivity, and integration with digital health platforms, enabling optimized glycemic control and improved quality of life for patients with diabetes.

## Human Insulin Drugs and Delivery Devices Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Human Insulin Drugs and Delivery Devices market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Human Insulin Drugs and Delivery Devices survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Human Insulin Drugs and Delivery Devices industry.

## Key market trends defining the global Human Insulin Drugs and Delivery Devices demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Human Insulin Drugs and Delivery Devices Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Human Insulin Drugs and Delivery Devices industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Human Insulin Drugs and Delivery Devices companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Human Insulin Drugs and Delivery Devices industry

Leading Human Insulin Drugs and Delivery Devices companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Human Insulin Drugs and Delivery Devices companies.

## Human Insulin Drugs and Delivery Devices Market Study- Strategic Analysis Review

The Human Insulin Drugs and Delivery Devices market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## Human Insulin Drugs and Delivery Devices Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Human Insulin Drugs and Delivery Devices industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

## Human Insulin Drugs and Delivery Devices Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

### North America Human Insulin Drugs and Delivery Devices Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Human Insulin Drugs and Delivery Devices market segments. Similarly, Strong market demand is encouraging Canadian Human Insulin Drugs and Delivery Devices companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Human Insulin Drugs and Delivery Devices market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Human Insulin Drugs and Delivery Devices Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Human Insulin Drugs and Delivery Devices industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Human Insulin Drugs and Delivery Devices market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

### Asia Pacific Human Insulin Drugs and Delivery Devices Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Human Insulin Drugs and Delivery Devices in Asia Pacific. In particular, China, India, and South East Asian Human Insulin Drugs and Delivery Devices markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

#### Latin America Human Insulin Drugs and Delivery Devices Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

#### Middle East and Africa Human Insulin Drugs and Delivery Devices Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Human Insulin Drugs and Delivery Devices market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Human Insulin Drugs and Delivery Devices.

#### Human Insulin Drugs and Delivery Devices Market Company Profiles

The global Human Insulin Drugs and Delivery Devices market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Becton, Dickinson and Company, Biocon Ltd, Eli Lilly and Company, Exir Pharmaceutical Co., Insulet Corp, Julphar (Gulf Pharmaceutical Industries), Medtronic plc, Novo Nordisk A/S, Sanofi-Aventis, Ypsomed Holding AG.

## Recent Human Insulin Drugs and Delivery Devices Market Developments

The global Human Insulin Drugs and Delivery Devices market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

### Human Insulin Drugs and Delivery Devices Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

### Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

By Product

Human Insulin Drugs

## Human Insulin Delivery Devices

### By Drug

#### Insulin Analogs and Biosimilar

- Long-Acting Biosimilar

- Rapid-Acting Biosimilar

- Premixed Biosimilar

#### Human Insulin Biologics

- Short-Acting Biologics

- Intermediate-Acting Biologics

- Premixed Biologics

### By Delivery Devices

#### Syringes

#### Pens

- Disposable Pens

- Reusable Pens

#### Pen Needles

- Standard Pen Needles

- Safety Pen Needles

### By Application

#### Type I Diabetes

## Type II Diabetes

### Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

### Companies

Becton, Dickinson and Company

Biocon Ltd

Eli Lilly and Company

Exir Pharmaceutical Co.

Insulet Corp

Julphar (Gulf Pharmaceutical Industries)

Medtronic plc

Novo Nordisk A/S

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Formats Available: Excel, PDF, and PPT



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-Premixed Biosimilar

Human Insulin Biologics

-Short-Acting Biologics

-Intermediate-Acting Biologics

-Premixed Biologics

##### By Delivery Devices

Syringes

Pens

-Disposable Pens

-Reusable Pens

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Type I Diabetes

Type II Diabetes

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Eli Lilly and Company

Exir Pharmaceutical Co.

Insulet Corp

Julphar (Gulf Pharmaceutical Industries)

Medtronic plc

Novo Nordisk A/S

Sanofi-Aventis

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