+44 20 8123 2220
info@marketpublishers.com

Type 1 Diabetes Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034

https://marketpublishers.com/r/T21964A64598EN.html
Date: May 2024
Pages: 129
Price: US$ 6,499.00 (Single User License)
ID: T21964A64598EN

Abstracts

The type 1 diabetes market reached a value of US$ 5.6 Billion across the top 7 markets (US, EU4, UK, and Japan) in 2023. Looking forward, IMARC Group expects the top 7 markets to reach US$ 9.4 Billion by 2034, exhibiting a growth rate (CAGR) of 4.84% during 2024-2034.

The type 1 diabetes market has been comprehensively analyzed in IMARC's new report titled "Type 1 Diabetes Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034". Type 1 diabetes, sometimes known as juvenile diabetes or insulin-dependent diabetes, refers to a chronic autoimmune disorder in which the pancreas produces very little to no insulin, the hormone responsible for regulating blood sugar levels. Some of the common symptoms associated with the ailment often emerge suddenly and can include excessive thirst, frequent urination, unexplained weight loss, constant fatigue, increased hunger, blurry vision, slow healing of wounds, etc. Individuals suffering from this disorder may also experience mood swings, irritability, and a general feeling of being unwell. The diagnosis of type 1 diabetes involves a comprehensive evaluation by a healthcare professional. It typically begins with a thorough medical history assessment and physical examination. Various blood tests, such as fasting plasma glucose levels and hemoglobin A1c, are commonly used to measure blood sugar levels and assess long-term glucose control. Additionally, the presence of specific antibodies associated with the ailment, including islet cell antibodies and glutamic acid decarboxylase antibodies, may be tested. These diagnostic procedures help confirm the absence of insulin production and distinguish type 1 diabetes from other forms of diabetes.

The increasing cases of immune system dysregulation, in which the immune cells

+44 20 8123 2220
info@marketpublishers.com

mistakenly target and destroy the insulin-producing beta cells in the pancreas, are primarily driving the type 1 diabetes market. In addition to this, the escalating utilization of artificial pancreas systems that aim to optimize glucose control and reduce the burden of diabetes self-management by minimizing the need for manual adjustments is also bolstering the market growth. Moreover, the rising demand for beta cell replacement therapies, which involve transplanting functional insulin-producing beta cells into patients to restore normal insulin production, is further creating a positive outlook for the market. Besides this, the widespread adoption of insulin pens on account of their several associated benefits, such as ease of use, dose flexibility, discreetness, etc., is acting as another significant growth-inducing factor. Additionally, the emerging popularity of sensor-augmented pump therapy, since it allows for more precise insulin dosing and improved glucose control compared to conventional insulin pump therapy, is expected to drive the type 1 diabetes market in the coming years.

IMARC Group's new report provides an exhaustive analysis of the type 1 diabetes market in the United States, EU4 (Germany, Spain, Italy, and France), United Kingdom, and Japan. This includes treatment practices, in-market, and pipeline drugs, share of individual therapies, market performance across the seven major markets, market performance of key companies and their drugs, etc. The report also provides the current and future patient pool across the seven major markets. According to the report, the United States has the largest patient pool for type 1 diabetes and also represents the largest market for its treatment. Furthermore, the current treatment practice/algorithm, market drivers, challenges, opportunities, reimbursement scenario, unmet medical needs, etc., have also been provided in the report. This report is a must-read for manufacturers, investors, business strategists, researchers, consultants, and all those who have any kind of stake or are planning to foray into the type 1 diabetes market in any manner.

Recent Developments:
In January 2024, a study by Assam El-Osta et al. represented potential regeneration of ?-like cells from pancreatic ductal progenitor cells using EZH2 (short for Enhancer of zeste homolog 2) inhibitors to ameliorate type 1 diabetes by restoring insulin production in the pancreas.
In December 2023, a collaboration between researchers from Cornell and University of Alberta, Edmonton, has developed a novel technique to treat type 1 diabetes, which includes implanting a medical device inside a pocket under the skin that can generate insulin while avoiding the immunosuppression that typically restricts disease management.
In October 2023, Yale Medicine researcher declared that the use of teplizumab (Tzield)

+44 20 8123 2220
info@marketpublishers.com

was linked to the preservation of ?-cell function in children and adolescents with newly diagnosed type 1 diabetes, according to results of the PROTECT trial. Teplizumab can help to postpone the median onset of the disease by at least two years, thereby delaying the onset of clinical diabetes among population.
In July 2023, the Food and Drug Administration (FDA) approved a new therapy for type 1 diabetes called Lantidra, which is the first allogeneic pancreatic islet cellular therapy that is made from deceased donor pancreatic cells. Lantidra has the potential to reduce the need for several daily insulin injections and glucose monitoring. It can also minimize the risks associated with low sugars.
In March 2023, the FDA announced that a new type 1 diabetes encapsulated stem cell therapy from Vertex (VX-264) has been cleared to enter clinical trials in the United States.

Key Highlights:
Diabetes is a major cause of heart and blood vessel disease, kidney failure, nerve damage, blindness, and lower limb amputation.
Around 18.7 million of the 537 million people with diabetes worldwide live in low-income and middle-income countries (LMIC), where there is also an increase in the number of children, adolescents, and young adults diagnosed with type 1 diabetes.
Type 1 diabetes makes up an estimated 5–10% of all diabetes cases.
The type 1 diabetes incidence in children aged?

+44 20 8123 2220
info@marketpublishers.com

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 TYPE 1 DIABETES - INTRODUCTION

4.1 Overview
4.2 Regulatory Process
4.3 Epidemiology (2018-2023) and Forecast (2024-2034)
4.4 Market Overview (2018-2023) and Forecast (2024-2034)
4.5 Competitive Intelligence

5 TYPE 1 DIABETES - DISEASE OVERVIEW

5.1 Introduction
5.2 Symptoms and Diagnosis
5.3 Pathophysiology
5.4 Causes and Risk Factors
5.5 Treatment

6 PATIENT JOURNEY

7 TYPE 1 DIABETES - EPIDEMIOLOGY AND PATIENT POPULATION

7.1 Epidemiology - Key Insights

+44 20 8123 2220
info@marketpublishers.com

7.2 Epidemiology Scenario - Top 7 Markets
7.2.1 Epidemiology Scenario (2018-2023)
7.2.2 Epidemiology Forecast (2024-2034)
7.2.3 Epidemiology by Age (2018-2034)
7.2.4 Epidemiology by Gender (2018-2034)
7.2.5 Diagnosed Cases (2018-2034)
7.2.6 Patient Pool/Treated Cases (2018-2034)
7.3 Epidemiology Scenario - United States
7.3.1 Epidemiology Scenario (2018-2023)
7.3.2 Epidemiology Forecast (2024-2034)
7.3.3 Epidemiology by Age (2018-2034)
7.3.4 Epidemiology by Gender (2018-2034)
7.3.5 Diagnosed Cases (2018-2034)
7.3.6 Patient Pool/Treated Cases (2018-2034)
7.4 Epidemiology Scenario - Germany
7.4.1 Epidemiology Scenario (2018-2023)
7.4.2 Epidemiology Forecast (2024-2034)
7.4.3 Epidemiology by Age (2018-2034)
7.4.4 Epidemiology by Gender (2018-2034)
7.4.5 Diagnosed Cases (2018-2034)
7.4.6 Patient Pool/Treated Cases (2018-2034)
7.5 Epidemiology Scenario - France
7.5.1 Epidemiology Scenario (2018-2023)
7.5.2 Epidemiology Forecast (2024-2034)
7.5.3 Epidemiology by Age (2018-2034)
7.5.4 Epidemiology by Gender (2018-2034)
7.5.5 Diagnosed Cases (2018-2034)
7.5.6 Patient Pool/Treated Cases (2018-2034)
7.6 Epidemiology Scenario - United Kingdom
7.6.1 Epidemiology Scenario (2018-2023)
7.6.2 Epidemiology Forecast (2024-2034)
7.6.3 Epidemiology by Age (2018-2034)
7.6.4 Epidemiology by Gender (2018-2034)
7.6.5 Diagnosed Cases (2018-2034)
7.6.6 Patient Pool/Treated Cases (2018-2034)
7.7 Epidemiology Scenario - Italy
7.7.1 Epidemiology Scenario (2018-2023)
7.7.2 Epidemiology Forecast (2024-2034)
7.7.3 Epidemiology by Age (2018-2034)

+44 20 8123 2220
info@marketpublishers.com

7.7.4 Epidemiology by Gender (2018-2034)
7.7.5 Diagnosed Cases (2018-2034)
7.7.6 Patient Pool/Treated Cases (2018-2034)
7.8 Epidemiology Scenario - Spain
7.8.1 Epidemiology Scenario (2018-2023)
7.8.2 Epidemiology Forecast (2024-2034)
7.8.3 Epidemiology by Age (2018-2034)
7.8.4 Epidemiology by Gender (2018-2034)
7.8.5 Diagnosed Cases (2018-2034)
7.8.6 Patient Pool/Treated Cases (2018-2034)
7.9 Epidemiology Scenario - Japan
7.9.1 Epidemiology Scenario (2018-2023)
7.9.2 Epidemiology Forecast (2024-2034)
7.9.3 Epidemiology by Age (2018-2034)
7.9.4 Epidemiology by Gender (2018-2034)
7.9.5 Diagnosed Cases (2018-2034)
7.9.6 Patient Pool/Treated Cases (2018-2034)

8 TYPE 1 DIABETES - TREATMENT ALGORITHM, GUIDELINES, AND MEDICAL PRACTICES

8.1 Guidelines, Management and Treatment
8.2 Treatment Algorithm

9 TYPE 1 DIABETES - UNMET NEEDS

10 TYPE 1 DIABETES - KEY ENDPOINTS OF TREATMENT

11 TYPE 1 DIABETES - MARKETED PRODUCTS

11.1 List of Type 1 Diabetes Marketed Drugs Across the Top 7 Markets
11.1.1 Afrezza (Insulin) - MannKind Corporation
11.1.1.1 Drug Overview
11.1.1.2 Mechanism of Action
11.1.1.3 Regulatory Status
11.1.1.4 Clinical Trial Results
11.1.1.5 Sales Across Major Markets
11.1.2 Humalog (Insulin lispro) - Eli Lilly and Company
11.1.2.1 Drug Overview

+44 20 8123 2220
info@marketpublishers.com

11.1.2.2 Mechanism of Action
11.1.2.3 Regulatory Status
11.1.2.4 Clinical Trial Results
11.1.2.5 Sales Across Major Markets
11.1.3 Lantus (Insulin glargine) - Sanofi
11.1.3.1 Drug Overview
11.1.3.2 Mechanism of Action
11.1.3.3 Regulatory Status
11.1.3.4 Clinical Trial Results
11.1.3.5 Sales Across Major Markets
11.1.4 Lyumjev (Ultra rapid formulation insulin lispro) - Eli Lilly and Company
11.1.4.1 Drug Overview
11.1.4.2 Mechanism of Action
11.1.4.3 Regulatory Status
11.1.4.4 Clinical Trial Results
11.1.4.5 Sales Across Major Markets
11.1.5 Symlin (Pramlintide) - AstraZeneca
11.1.5.1 Drug Overview
11.1.5.2 Mechanism of Action
11.1.5.3 Regulatory Status
11.1.5.4 Clinical Trial Results
11.1.5.5 Sales Across Major Markets

Kindly note that the above only represents a partial list of marketed drugs, and the complete list has been provided in the report.

12 TYPE 1 DIABETES - PIPELINE DRUGS

12.1 List of Type 1 Diabetes Pipeline Drugs Across the Top 7 Markets
12.1.1 ORMD-0801 - Oramed Pharmaceuticals
12.1.1.1 Drug Overview
12.1.1.2 Mechanism of Action
12.1.1.3 Clinical Trial Results
12.1.1.4 Safety and Efficacy
12.1.1.5 Regulatory Status
12.1.2 IMCY-0098 - ImCyse
12.1.2.1 Drug Overview
12.1.2.2 Mechanism of Action
12.1.2.3 Clinical Trial Results
12.1.2.4 Safety and Efficacy

+44 20 8123 2220
info@marketpublishers.com

12.1.2.5 Regulatory Status
12.1.3 Ladarixin - Dompe Farmaceutici
12.1.3.1 Drug Overview
12.1.3.2 Mechanism of Action
12.1.3.3 Clinical Trial Results
12.1.3.4 Safety and Efficacy
12.1.3.5 Regulatory Status
12.1.4 Insulin icodec - Novo Nordisk
12.1.4.1 Drug Overview
12.1.4.2 Mechanism of Action
12.1.4.3 Clinical Trial Results
12.1.4.4 Safety and Efficacy
12.1.4.5 Regulatory Status
12.1.5 VX-880 - Vertex Pharmaceuticals
12.1.5.1 Drug Overview
12.1.5.2 Mechanism of Action
12.1.5.3 Clinical Trial Results
12.1.5.4 Safety and Efficacy
12.1.5.5 Regulatory Status

Kindly note that the above only represents a partial list of pipeline drugs, and the complete list has been provided in the report.

13. TYPE 1 DIABETES - ATTRIBUTE ANALYSIS OF KEY MARKETED AND PIPELINE DRUGS

14. TYPE 1 DIABETES – CLINICAL TRIAL LANDSCAPE

14.1 Drugs by Status
14.2 Drugs by Phase
14.3 Drugs by Route of Administration
14.4 Key Regulatory Events

15 TYPE 1 DIABETES - MARKET SCENARIO

15.1 Market Scenario - Key Insights
15.2 Market Scenario - Top 7 Markets
15.2.1 Type 1 Diabetes - Market Size
15.2.1.1 Market Size (2018-2023)
15.2.1.2 Market Forecast (2024-2034)

+44 20 8123 2220
info@marketpublishers.com

15.2.2 Type 1 Diabetes - Market Size by Therapies
15.2.2.1 Market Size by Therapies (2018-2023)
15.2.2.2 Market Forecast by Therapies (2024-2034)
15.3 Market Scenario - United States
15.3.1 Type 1 Diabetes - Market Size
15.3.1.1 Market Size (2018-2023)
15.3.1.2 Market Forecast (2024-2034)
15.3.2 Type 1 Diabetes - Market Size by Therapies
15.3.2.1 Market Size by Therapies (2018-2023)
15.3.2.2 Market Forecast by Therapies (2024-2034)
15.3.3 Type 1 Diabetes - Access and Reimbursement Overview
15.4 Market Scenario - Germany
15.4.1 Type 1 Diabetes - Market Size
15.4.1.1 Market Size (2018-2023)
15.4.1.2 Market Forecast (2024-2034)
15.4.2 Type 1 Diabetes - Market Size by Therapies
15.4.2.1 Market Size by Therapies (2018-2023)
15.4.2.2 Market Forecast by Therapies (2024-2034)
15.4.3 Type 1 Diabetes - Access and Reimbursement Overview
15.5 Market Scenario - France
15.5.1 Type 1 Diabetes - Market Size
15.5.1.1 Market Size (2018-2023)
15.5.1.2 Market Forecast (2024-2034)
15.5.2 Type 1 Diabetes - Market Size by Therapies
15.5.2.1 Market Size by Therapies (2018-2023)
15.5.2.2 Market Forecast by Therapies (2024-2034)
15.5.3 Type 1 Diabetes - Access and Reimbursement Overview
15.6 Market Scenario - United Kingdom
15.6.1 Type 1 Diabetes - Market Size
15.6.1.1 Market Size (2018-2023)
15.6.1.2 Market Forecast (2024-2034)
15.6.2 Type 1 Diabetes - Market Size by Therapies
15.6.2.1 Market Size by Therapies (2018-2023)
15.6.2.2 Market Forecast by Therapies (2024-2034)
15.6.3 Type 1 Diabetes - Access and Reimbursement Overview
15.7 Market Scenario - Italy
15.7.1 Type 1 Diabetes - Market Size
15.7.1.1 Market Size (2018-2023)
15.7.1.2 Market Forecast (2024-2034)

+44 20 8123 2220
info@marketpublishers.com

15.7.2 Type 1 Diabetes - Market Size by Therapies
15.7.2.1 Market Size by Therapies (2018-2023)
15.7.2.2 Market Forecast by Therapies (2024-2034)
15.7.3 Type 1 Diabetes - Access and Reimbursement Overview
15.8 Market Scenario - Spain
15.8.1 Type 1 Diabetes - Market Size
15.8.1.1 Market Size (2018-2023)
15.8.1.2 Market Forecast (2024-2034)
15.8.2 Type 1 Diabetes - Market Size by Therapies
15.8.2.1 Market Size by Therapies (2018-2023)
15.8.2.2 Market Forecast by Therapies (2024-2034)
15.8.3 Type 1 Diabetes - Access and Reimbursement Overview
15.9 Market Scenario - Japan
15.9.1 Type 1 Diabetes - Market Size
15.9.1.1 Market Size (2018-2023)
15.9.1.2 Market Forecast (2024-2034)
15.9.2 Type 1 Diabetes - Market Size by Therapies
15.9.2.1 Market Size by Therapies (2018-2023)
15.9.2.2 Market Forecast by Therapies (2024-2034)
15.9.3 Type 1 Diabetes - Access and Reimbursement Overview

16 TYPE 1 DIABETES - RECENT EVENTS AND INPUTS FROM KEY OPINION LEADERS

17 TYPE 1 DIABETES MARKET - SWOT ANALYSIS

17.1 Strengths
17.2 Weaknesses
17.3 Opportunities
17.4 Threats

18 TYPE 1 DIABETES MARKET – STRATEGIC RECOMMENDATIONS

19 APPENDIX

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Type 1 Diabetes Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034

Product link: https://marketpublishers.com/r/T21964A64598EN.html

Price: US$ 6,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/T21964A64598EN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com