

India Injection Devices Market Size, Share & Trends Analysis Report By Product (Injector Pens, Auto injectors, Injection Pumps, Wearable Injectors/On-body Injectors), By Application (Diabetes Care, Oncology, Pain Management), And Segment Forecasts, 2026 - 2035

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Abstracts

The India injection devices market size was estimated at USD 312.0 million 2025, and is expected to reach USD 869.5 million by 2035, growing at a CAGR of 10.9% from 2026 to 2035. The growth is driven by the country's expanding healthcare infrastructure, rising disease burden, and increasing adoption of advanced drug delivery systems.

Injection devices, such as syringes, pen injectors, auto-injectors, and safety needles, are widely used in hospitals, clinics, and homecare settings to administer vaccines, insulin, biologics, and emergency medicines. With a large and growing population, India continues to demand safe, efficient, and cost-effective injection solutions. One of the major growth factors is the rising prevalence of chronic diseases, particularly diabetes. According to a BBC article published in June 2023, approximately 100 million people in India are living with diabetes, making it one of the largest diabetic populations in the world. This has significantly increased the demand for insulin delivery devices such as pen injectors and disposable syringes. The growing shift toward self-administration and home-based care is further accelerating the adoption of user-friendly injection devices.

Another key factor supporting market growth is the government's strong focus on immunization programs. Initiatives such as the Universal Immunization Programme have significantly increased the use of disposable syringes across the country. Expanding the use of injectable therapies across applications such as diabetes care,

autoimmune diseases, obesity, pain management, hormonal & metabolic therapies, and oncology has consistently driven demand for safe and efficient injection devices. The increasing focus on safety and infection control is also driving the adoption of advanced injection devices. The use of safety-engineered injection devices is gaining traction to reduce needle-stick injuries and prevent reuse. The World Health Organization has recommended the transition to safety syringes for all injections, and India has been gradually aligning with these guidelines through policy support and awareness initiatives. This shift is expected to create long-term demand for technologically advanced injection devices.

A major factor supporting the growth of the India injection devices industry is the rapid expansion of domestic manufacturing capacity for injection devices. Manufacturers are increasingly investing in advanced production technologies, automation, and capacity enhancement to meet the rising demand from hospitals, vaccination programs, and homecare settings. This growth is further supported by government initiatives such as the Production Linked Incentive (PLI) scheme for medical devices, which aims to boost local manufacturing and reduce dependence on imports. In addition, policy efforts promoting “Make in India” and strengthening healthcare infrastructure are encouraging both domestic and international players to establish or expand manufacturing facilities in the country. As a result, India is steadily emerging as a key hub for cost-effective and high-volume production of injection devices, supporting both domestic consumption and export opportunities.

The high and recurring demand for injection devices in India’s healthcare system reflects the extensive use across hospitals, clinics, and vaccination programs. This high procedural volume ensures consistent demand for injection devices, particularly disposable and safety syringes. At the same time, the growing focus on healthcare worker safety and infection prevention is accelerating the adoption of advanced injection devices. The notable prevalence of needle-stick injuries among healthcare professionals in India has raised concerns regarding the transmission of infections such as hepatitis and HIV. Consequently, there is increasing demand for safety-engineered syringes, prompting manufacturers to invest in safer, cost-effective, and technologically advanced injection solutions suited to the needs of the healthcare system.

Overall, the India injection devices market is poised for continued expansion, supported by rising healthcare needs, government initiatives, increasing chronic disease burden, and advancements in drug delivery technologies. With ongoing improvements in manufacturing capacity, regulatory support, and patient awareness, the market is expected to evolve toward safer, more efficient, and patient-centric injection devices in

the forecast period

India Injection Devices Market Report Segmentation

This report forecasts revenue growth at the country level and analyzes the latest industry trends in each sub-segment from 2021 to 2035. For this study, Grand View Research has segmented the India injection devices market report based on product and application:

Product Outlook (Revenue, USD Unit, 2021 - 2035)

Injector Pens

Autoinjectors

Injection Pumps

Wearable Injectors/On-body Injectors

Application Outlook (Revenue, USD Unit, 2021 - 2035)

Diabetes Care

Autoimmune Diseases

Oncology

Hormonal & Metabolic Therapies

Pain Management

Obesity

Others

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Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Segment Definitions
 - 1.2.1. Product
 - 1.2.2. Application
 - 1.2.3. Estimates and forecasts timeline
- 1.3. Research Methodology
- 1.4. Information Procurement
 - 1.4.1. Purchased database
 - 1.4.2. GVR's internal database
 - 1.4.3. Secondary sources
 - 1.4.4. Primary research
 - 1.4.5. Details of primary research
 - 1.4.5.1. Data for primary interviews in North America
- 1.5. Information or Data Analysis
 - 1.5.1. Data analysis models
- 1.6. Market Formulation & Validation
- 1.7. Model Details
 - 1.7.1. Commodity flow analysis (Model 1)
 - 1.7.2. Approach 1: Commodity flow approach
 - 1.7.3. Volume price analysis (Model 2)
 - 1.7.4. Approach 2: Volume price analysis
- 1.8. List of Secondary Sources
- 1.9. List of Primary Sources
- 1.10. Objectives

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
 - 2.2.1. Product outlook
 - 2.2.2. Application outlook
- 2.3. Competitive Insights

CHAPTER 3. INDIA INJECTION DEVICES MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market Lineage Outlook
 - 3.1.1. Parent Market Outlook
 - 3.1.2. Related/ancillary market outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Restraint Analysis
- 3.3. India Injection Devices Market Analysis Tools
 - 3.3.1. Industry Analysis - Porter's
 - 3.3.1.1. Bargaining power of suppliers
 - 3.3.1.2. Bargaining power of buyers
 - 3.3.1.3. Threat of substitutes
 - 3.3.1.4. Threat of new entrants
 - 3.3.1.5. Competitive rivalry
 - 3.3.2. PESTEL Analysis
 - 3.3.2.1. Political landscape
 - 3.3.2.2. Economic landscape
 - 3.3.2.3. Social landscape
 - 3.3.2.4. Technological landscape
 - 3.3.2.5. Environmental landscape
 - 3.3.2.6. Legal landscape

CHAPTER 4. INDIA INJECTION DEVICES MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1. Segment Dashboard
- 4.2. India Injection Devices Market: Product Movement Analysis
- 4.3. India Injection Devices Market by Product Outlook (USD Million)
- 4.4. Market Size & Forecasts and Trend Analyses, 2021 - 2035 for the following
- 4.5. Injector Pens
 - 4.5.1. Injector Pens Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)
- 4.6. Autoinjectors
 - 4.6.1. Autoinjectors Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)
- 4.7. Injection Pumps
 - 4.7.1. Injection Pumps Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)
- 4.8. Wearable Injectors/On-body Injectors

4.8.1. Wearable Injectors/On-body Injectors Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

CHAPTER 5. INDIA INJECTION DEVICES MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. India Injection Devices Market: Application Movement Analysis

5.3. India Injection Devices Market by Application Outlook (USD Million)

5.4. Market Size & Forecasts and Trend Analyses, 2021 - 2035 for the following

5.5. Diabetes Care

5.5.1. Diabetes Care Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

5.6. Autoimmune Diseases

5.6.1. Autoimmune Diseases Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

5.7. Oncology

5.7.1. Oncology Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

5.8. Hormonal & Metabolic Therapies

5.8.1. Hormonal & Metabolic Therapies Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

5.9. Pain Management

5.9.1. Pain Management Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

5.10. Obesity

5.10.1. Obesity Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

5.11. Others

5.11.1. Others Market Revenue Estimates and Forecasts, 2021 - 2035 (USD Million)

CHAPTER 6. COMPETITIVE LANDSCAPE

6.1. Market Participant Categorization

6.2. Key Company Profiles

6.2.1. Shaily Engineering Plastics Ltd

6.2.1.1. Company overview

6.2.1.2. Financial performance

6.2.1.3. Product benchmarking

6.2.1.4. Strategic initiatives

6.2.2. Mediscient Devices Pvt. Ltd

- 6.2.2.1. Company overview
- 6.2.2.2. Financial performance
- 6.2.2.3. Product benchmarking
- 6.2.2.4. Strategic initiatives
- 6.2.3. Otex Lifesciences Pvt. Ltd.
 - 6.2.3.1. Company overview
 - 6.2.3.2. Financial performance
 - 6.2.3.3. Product benchmarking
 - 6.2.3.4. Strategic initiatives
- 6.2.4. BPL Medical Technologies
 - 6.2.4.1. Company overview
 - 6.2.4.2. Financial performance
 - 6.2.4.3. Product benchmarking
 - 6.2.4.4. Strategic initiatives
- 6.2.5. AKAS Infusions
 - 6.2.5.1. Company overview
 - 6.2.5.2. Financial performance
 - 6.2.5.3. Product benchmarking
 - 6.2.5.4. Strategic initiatives
- 6.2.6. Plenum Tech Private Limited.
 - 6.2.6.1. Company overview
 - 6.2.6.2. Financial performance
 - 6.2.6.3. Product benchmarking
 - 6.2.6.4. Strategic initiatives
- 6.2.7. SMC Ltd
 - 6.2.7.1. Company overview
 - 6.2.7.2. Financial performance
 - 6.2.7.3. Product benchmarking
 - 6.2.7.4. Strategic initiatives
- 6.2.8. Haselmeier India Private Limited
 - 6.2.8.1. Company overview
 - 6.2.8.2. Financial performance
 - 6.2.8.3. Product benchmarking
 - 6.2.8.4. Strategic initiatives
- 6.2.9. Becton Dickinson (BD) India
 - 6.2.9.1. Company overview
 - 6.2.9.2. Financial performance
 - 6.2.9.3. Product benchmarking
 - 6.2.9.4. Strategic initiatives

6.2.10. ARAYMOND LIFE

6.2.10.1. Company overview

6.2.10.2. Financial performance

6.2.10.3. Product benchmarking

6.2.10.4. Strategic initiatives

List Of Tables

LIST OF TABLES

Table 1 List of secondary sources

Table 2 List of abbreviations

Table 3 India injection devices market, by product, 2021 - 2035 (USD Million)

Table 4 India injection devices market, by application, 2021 - 2035 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Data triangulation techniques
- Fig. 3 Primary research pattern
- Fig. 4 Market research approaches
- Fig. 5 Value-chain-based sizing & forecasting
- Fig. 6 QFD modeling for market share assessment
- Fig. 7 Market formulation & validation
- Fig. 8 India injection devices: market outlook
- Fig. 9 India injection devices market competitive insights
- Fig. 10 Parent market outlook
- Fig. 11 Related/ancillary market outlook
- Fig. 12 Penetration and growth prospect mapping
- Fig. 13 Industry value chain analysis
- Fig. 14 India injection devices market restraint impact
- Fig. 15 India injection devices market strategic initiatives analysis
- Fig. 16 India injection devices market: product outlook and key takeaways
- Fig. 17 India injection devices market: product movement analysis 2025 & 2035 (USD Million)
- Fig. 18 Injector Pens market revenue estimates and forecasts, 2021 - 2035 (USD Million)
- Fig. 19 Auto injectors market revenue estimates and forecasts, 2021 - 2035 (USD Million)
- Fig. 20 Injection pumps market revenue estimates and forecasts, 2021 - 2035 (USD Million)
- Fig. 21 Wearable injectors/on-body injectors market revenue estimates and forecasts, 2021 - 2035 (USD Million)
- Fig. 22 India injection devices market, application outlook key takeaways (USD Million)
- Fig. 23 India injection devices market application movement analysis 2025 & 2035 (USD Million)
- Fig. 24 Diabetes care market revenue estimates and forecasts, 2021 - 2035 (USD Million)
- Fig. 25 Autoimmune diseases market revenue estimates and forecasts, 2021 - 2035 (USD Million)
- Fig. 26 Oncology market revenue estimates and forecasts, 2021 - 2035 (USD Million)
- Fig. 27 Hormonal & metabolic therapies market revenue estimates and forecasts, 2021

- 2035 (USD Million)

Fig. 28 Pain management market revenue estimates and forecasts, 2021 - 2035 (USD Million)

Fig. 29 Obesity market revenue estimates and forecasts, 2021 - 2035 (USD Million)

Fig. 30 Others market revenue estimates and forecasts, 2021 - 2035 (USD Million)

Fig. 31 Participant categorization- India injection devices market

Fig. 32 Market share of key market players- India injection devices market

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