

Global Vaccine Delivery Devices Market Size Study, By Devices (Syringes, Jet Injectors), By Route of Administration (Intradermal, Intramuscular, Subcutaneous), By End-User (Hospitals & Clinics, Home Care Settings, Ambulatory Surgery Centers), and Regional Forecasts 2022-2032

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Abstracts

Global Vaccine Delivery Devices Market is estimated to grow significantly from USD 6.88 billion in 2023 to USD 13.30 billion by 2032, at a CAGR of 7.6% during the forecast period 2024-2032. The growing focus on efficient, precise, and safe immunization solutions drives the demand for advanced vaccine delivery devices. These devices, including syringes, jet injectors, and other innovative tools, have become integral to large-scale immunization programs and healthcare initiatives.

The market's expansion is underpinned by several factors, such as increasing investments in vaccine development, government-backed immunization programs, and a growing focus on pandemic preparedness. Additionally, the transition toward needle-free technologies addresses key safety concerns, including needlestick injuries and risks of contamination. Collaborations, like Pfizer and Acuitas Therapeutics' partnership for lipid nanoparticle delivery systems for mRNA vaccines, demonstrate the ongoing advancements in this field.

Globally, healthcare providers are increasingly leveraging vaccine delivery devices across diverse settings, including hospitals, clinics, home care environments, and ambulatory surgery centers. Each end-user segment plays a pivotal role in expanding immunization coverage and enhancing patient convenience.

Geographically, North America leads the market due to its advanced healthcare infrastructure, high awareness, and robust immunization programs. Europe closely follows, marked by strong public health initiatives and adoption of innovative technologies. Meanwhile, Asia Pacific exhibits rapid growth driven by population dynamics, increased healthcare spending, and expansive vaccination campaigns.

The industry's commitment to eco-friendly solutions and sustainable practices further aligns with global environmental goals, creating opportunities for manufacturers. Emerging markets are also poised to provide substantial growth prospects as they enhance healthcare access and infrastructure.

Major market players included in this report are:

Becton Dickinson & Company

Bioject Medical Technologies, Inc. (Inovio Pharmaceutical Inc.)

PharmaJet

Vaxxas

Gerresheimer AG

SCHOTT AG

Corium International, Inc.

3M

Sinovac Biotech Ltd

Pfizer Inc.

Acuitas Therapeutics

Kindeva Drug Delivery

Summit Biosciences Inc.

Bavarian Nordic

Serum Institute of India

The detailed segments and sub-segments of the market are explained below:

By Devices:

Syringes

Jet Injectors

By Route of Administration:

Intradermal Vaccination

Intramuscular Vaccination

Subcutaneous Vaccination

By End-User:

Hospitals & Clinics

Home Care Settings

Ambulatory Surgery Centers

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Denmark

Sweden

Norway

Asia Pacific

Japan

China

India

Australia

South Korea

Thailand

Latin America

Brazil

Argentina

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

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