

# Vaccine Research Market Size, Trends, Analysis, and Outlook By Age Group (Pediatric, Adult), By End-User (Public, Private), by Region, Country, Segment, and Companies, 2024-2030

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## Abstracts

The global Vaccine Research market size is poised to register 10.61% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Vaccine Research market By Age Group (Pediatric, Adult), By End-User (Public, Private).

The future of vaccine research is influenced by several key trends driving innovation in immunology, vaccinology, and infectious disease prevention. With the increasing threat of emerging infectious diseases, antimicrobial resistance, and global pandemics, there is a growing demand for vaccines that offer broad-spectrum protection against a wide range of pathogens and variants. Technological advancements in vaccine development, including mRNA-based vaccines, viral vector platforms, and adjuvant formulations, are accelerating the discovery and production of novel vaccines with improved immunogenicity, stability, and scalability. Moreover, the integration of computational modeling and artificial intelligence algorithms is optimizing vaccine design and antigen selection, enabling rapid prediction of vaccine efficacy and immune response profiles. Additionally, there is a growing emphasis on vaccine equity and access, with initiatives such as the COVAX Facility aiming to ensure fair and equitable distribution of vaccines to low- and middle-income countries, thereby promoting global health security and resilience against infectious disease threats..

Vaccine Research 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 Vaccine Research market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Vaccine Research 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 Vaccine Research industry.

Key market trends defining the global Vaccine Research 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.

Vaccine Research Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Vaccine Research 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 Vaccine Research companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Vaccine Research industry

Leading Vaccine Research 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 Vaccine Research companies.

Vaccine Research Market Study- Strategic Analysis Review

The Vaccine Research 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.

## Vaccine Research Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Vaccine Research 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Vaccine Research Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

## North America Vaccine Research 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Vaccine Research market segments. Similarly, Strong end-user demand is encouraging Canadian Vaccine Research companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Vaccine Research

market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Vaccine Research Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Vaccine Research 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 businesses in identifying and leveraging new growth prospects positions the European Vaccine Research 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 Vaccine Research 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 Vaccine Research in Asia Pacific. In particular, China, India, and South East Asian Vaccine Research markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

Latin America Vaccine Research 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 Vaccine Research 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 Vaccine Research market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Vaccine Research.

## Vaccine Research Market Company Profiles

The global Vaccine Research 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 Astellas Pharma Inc, AstraZeneca Plc, Bavarian Nordic AS, Bharat Biotech Ltd, CanSino Biologics Inc, Creative Biogene, CSL Ltd, Daiichi Sankyo Co. Ltd, Emergent BioSolutions Inc, GlaxoSmithKline Plc, Johnson and Johnson Services Inc, Merck and Co. Inc, Moderna Inc, Novavax Inc, Panacea Biotech Ltd, Pfizer Inc, Sanofi SA, Serum Institute of India Pvt. Ltd, Takeda Pharmaceutical Co. Ltd.

## Recent Vaccine Research Market Developments

The global Vaccine Research market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Vaccine Research Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

## Middle East Africa (5 markets)

## Companies

Astellas Pharma Inc

AstraZeneca Plc

Bavarian Nordic AS

Bharat Biotech Ltd

CanSino Biologics Inc

Creative Biogene

CSL Ltd

Daiichi Sankyo Co. Ltd

Emergent BioSolutions Inc

GlaxoSmithKline Plc

Johnson and Johnson Services Inc

Merck and Co. Inc

Moderna Inc

Novavax Inc

Panacea Biotec Ltd

Pfizer Inc

Sanofi SA



Serum Institute of India Pvt. Ltd

Takeda Pharmaceutical Co. Ltd

Formats Available: Excel, PDF, and PPT

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  - By Display

Color Ultrasound  
B/W Ultrasound  
By Portability  
Trolley or Cart-Based Ultrasound Systems  
Compact/Handheld Ultrasound Systems  
Point-of-Pare (PoC) Ultrasound Systems  
By Application  
Radiology or General Imaging  
Obstetrics or Gynecology  
Cardiology  
Urology  
Vascular  
Orthopedic and Musculoskeletal  
Pain Management  
Others  
By End-User  
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Bavarian Nordic AS  
Bharat Biotech Ltd  
CanSino Biologics Inc  
Creative Biogene  
CSL Ltd  
Daiichi Sankyo Co. Ltd  
Emergent BioSolutions Inc  
GlaxoSmithKline Plc  
Johnson and Johnson Services Inc  
Merck and Co. Inc  
Moderna Inc  
Novavax Inc  
Panacea Biotec Ltd  
Pfizer Inc

Sanofi SA  
Serum Institute of India Pvt. Ltd  
Takeda Pharmaceutical Co. Ltd

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