

# **Saudi Arabia Influenza Vaccine Market By Vaccine Type (Inactivated Influenza Vaccine, Live Attenuated Influenza Vaccine), By Distribution Channel (Hospital, Retail Pharmacies, Government Suppliers, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F**

<https://marketpublishers.com/r/S780AAC59482EN.html>

Date: January 2025

Pages: 85

Price: US\$ 3,500.00 (Single User License)

ID: S780AAC59482EN

## **Abstracts**

Saudi Arabia Influenza Vaccine Market was valued at USD 44.26 Million in 2024 and is expected to reach USD 53.81 Million by 2030 with a CAGR of 3.51% during the forecast period. The vaccine available in Saudi Arabia is a trivalent influenza vaccine (TIV), which contains inactivated antigens from two subtypes of influenza virus type A and one subtype of influenza virus type B. Upon administration, the vaccine prompts the immune system to produce antibodies against the influenza virus, helping to protect the individual from infection if exposed to the virus. Saudi Arabia's government plays a pivotal role in promoting influenza vaccination programs through national health campaigns, particularly in high-risk groups such as the elderly, pregnant women, and individuals with chronic diseases. The Ministry of Health (MOH) has continuously expanded its immunization initiatives, offering free vaccines through healthcare facilities, mobile vaccination units, and awareness programs. These efforts aim to reduce the burden of seasonal flu on the population, particularly during peak flu seasons.

There is a growing public awareness of the importance of preventive healthcare in Saudi Arabia, especially after the COVID-19 pandemic. As people become more health-conscious, they are increasingly opting for vaccinations, including those for influenza, as a proactive measure to protect themselves from seasonal illness. This cultural shift towards preventive medicine is driving the market for influenza vaccines, as more

individuals seek immunization to avoid the seasonal flu's adverse health impacts.

Despite growing awareness, vaccine hesitancy remains a challenge in certain segments of the population. Misinformation regarding vaccine safety and efficacy, compounded by reluctance from some individuals or communities to receive vaccinations, poses an obstacle to achieving higher immunization rates. Combating misinformation through public education and engagement remains essential to overcoming this challenge and ensuring widespread vaccine uptake.

## Key Market Drivers

### Growth Prevalence of Influenza

The growing prevalence of influenza is a significant driver of the Saudi Arabia influenza vaccine market. As the incidence of seasonal flu rises globally, including in Saudi Arabia, there is an increasing focus on preventive healthcare measures, with vaccination being one of the most effective ways to combat the spread of the virus. As of 2023, Saudi Arabia holds the 82nd position globally for its seasonal influenza mortality rate, with 30.9 deaths per 100,000 people. A meta-analysis of 62,431 individuals, drawn from 18 studies on Hajj pilgrims, reported an overall prevalence rate of 5.9% for influenza type A and 3.6% for influenza type B. The Kingdom's healthcare system is responding to this challenge by prioritizing flu vaccination programs, leading to a surge in demand for influenza vaccines.

The Saudi government, in line with its broader public health objectives, has been promoting vaccination campaigns to safeguard public health, particularly in vulnerable groups such as the elderly, children, and individuals with chronic health conditions. The King Khaled Eye Specialist Hospital (KKESH) in Riyadh, Saudi Arabia, is a leading tertiary eye care institution. The hospital provides complimentary influenza vaccines to its staff and their dependents ahead of the flu season. Vaccination records for employees and their dependents are electronically maintained for efficient tracking and management. These efforts are part of the country's commitment to strengthening its healthcare infrastructure and improving disease prevention strategies. With the growing understanding of the importance of vaccination in controlling influenza outbreaks, the demand for flu vaccines is expected to continue increasing, further propelling market growth.

Additionally, the rise in healthcare awareness and the increased availability of vaccines

across various medical facilities, including hospitals, clinics, and pharmacies, is contributing to the growing uptake of influenza vaccines. The expanding access to flu shots, particularly during peak influenza seasons, is enhancing public confidence in vaccination as a critical tool in disease prevention. As the prevalence of influenza continues to grow, the Saudi Arabia influenza vaccine market is positioned for sustained growth, driven by both governmental initiatives and increasing public demand for effective preventive healthcare solutions.

### Surge in Technological Advancements

The surge in technological advancements is a key driver of the growth in Saudi Arabia's influenza vaccine market. Continuous innovations in vaccine development and production technologies are significantly enhancing the effectiveness, accessibility, and speed at which vaccines are produced, thereby increasing their adoption across the Kingdom. These advancements are improving both the safety and efficiency of influenza vaccines, making them crucial tools in the ongoing efforts to combat seasonal influenza outbreaks and potential pandemics.

One of the most notable technological advancements in the influenza vaccine market is the development of more sophisticated vaccine production methods, such as cell-based and recombinant DNA technologies. These innovations have led to the production of vaccines that are not only more effective but also faster to manufacture, addressing the ever-changing strains of the influenza virus. Cell-based production systems, for example, allow for quicker production times compared to traditional egg-based methods, enabling vaccines to be produced and distributed more rapidly, especially during flu seasons.

Additionally, advancements in adjuvant technology, which enhances the body's immune response to the vaccine, have improved vaccine efficacy, particularly in older adults and individuals with weakened immune systems. These adjuvants boost the immune response, making the vaccine more effective in protecting against flu strains that may vary from season to season.

### Key Market Challenges

#### Vaccine Storage and Shelf Life

Ensuring that influenza vaccines remain at optimal temperatures throughout their storage and distribution is critical to their effectiveness. Cold chain logistics involve

specialized equipment and infrastructure, such as refrigeration units and temperature monitoring systems, which must be available at every step, from production and transport to final administration. In Saudi Arabia, the high temperatures, especially during summer, put additional strain on maintaining these cold chain conditions, increasing the risk of temperature excursions that could degrade the vaccine.

These challenges are especially prevalent in rural areas or regions with limited healthcare infrastructure, where access to advanced refrigeration facilities may be limited. Any disruption in the cold chain can lead to reduced vaccine potency, rendering doses ineffective and leading to vaccine wastage. The cost of managing these logistical hurdles can also increase the overall expenses associated with vaccine distribution.

Another challenge in the influenza vaccine market is the limited shelf life of vaccines. Influenza vaccines are typically developed annually based on the predicted strains for the upcoming flu season, meaning they have a short window of use. Healthcare providers and distributors must manage inventory carefully to avoid vaccine expiration, which can lead to financial losses and decreased vaccine availability.

## Key Market Trends

### Rising Demand for Pediatric Vaccines

The rising demand for pediatric vaccines is an important trend shaping the growth of the Saudi Arabia influenza vaccine market. As part of the Ministry of Health's (MOH) ongoing initiative to promote influenza vaccination, a home vaccination service is now accessible via the Careem application. This service is available in Riyadh, Dammam, Makkah Al-Mukarramah, Madinah, and Jeddah. With an increasing focus on protecting vulnerable populations, including children, from seasonal influenza, there has been a significant push towards promoting pediatric flu vaccinations. This trend aligns with the country's broader public health objectives of reducing the burden of influenza-related illnesses among children, who are more susceptible to complications from the virus.

The growing awareness among parents and healthcare providers about the importance of early vaccination for children has led to an increase in demand for pediatric flu vaccines. Government initiatives, including awareness campaigns and vaccination drives, are playing a pivotal role in encouraging parents to immunize their children against influenza. Schools, pediatric clinics, and healthcare centers are increasingly adopting these vaccines as part of routine immunization programs, ensuring wider coverage and protection for the younger population.

Moreover, the Saudi Ministry of Health's ongoing efforts to expand access to vaccines, coupled with its emphasis on preventive healthcare, are further boosting the demand for pediatric flu vaccines. As the Kingdom continues to enhance its healthcare services and prioritize pediatric health, the rising demand for these vaccines is expected to be a key driver of growth in the influenza vaccine market. This trend reflects a growing commitment to safeguarding children's health and reducing the incidence of flu-related complications among the younger population in Saudi Arabia.

## Segmental Insights

### Vaccine Type Insights

Based on Vaccine Type, Inactivated Influenza Vaccine have emerged as the fastest growing segment in the Saudi Arabia Influenza Vaccine Market in 2024. The inactivated influenza vaccine is known for its strong safety profile, making it suitable for a wide range of individuals, including vulnerable groups such as the elderly, pregnant women, and people with weakened immune systems. Unlike live-attenuated vaccines, inactivated vaccines do not contain live viruses, which eliminates the risk of causing illness, even in immunocompromised individuals. This broad suitability is a major factor driving its rapid adoption in Saudi Arabia, where vaccination programs aim to protect at-risk populations.

Another reason for the accelerated growth of the inactivated influenza vaccine segment is its well-established efficacy in preventing seasonal flu. The inactivated vaccine provides strong protection against the influenza virus by stimulating the immune system to recognize and fight the virus without causing infection. As seasonal flu outbreaks continue to be a public health concern in Saudi Arabia, the reliability and effectiveness of inactivated vaccines have made them the preferred choice for vaccination campaigns.

### Distribution Channel Insights

Based on Distribution Channel, Hospital have emerged as the fastest growing segment in the Saudi Arabia Influenza Vaccine Market during the forecast period. Hospitals are at the forefront of healthcare delivery in Saudi Arabia, serving as primary vaccination centers for a wide range of patients, including vulnerable groups such as the elderly, individuals with chronic conditions, and pregnant women. The centralization of vaccination services in hospitals allows for efficient administration of influenza vaccines,

particularly during the flu season, leading to higher demand in this segment.

The growing emphasis on preventive healthcare in Saudi Arabia has significantly increased the demand for influenza vaccines, with hospitals being the primary facilities for administering preventive services. As the government and healthcare providers prioritize disease prevention to reduce the burden on healthcare systems, hospitals have expanded their vaccination services, positioning them as critical players in flu prevention efforts.

### Regional Insights

Based on Region, Northern & Central have emerged as the dominating region in the Saudi Arabia Influenza Vaccine Market in 2024. Riyadh and other Central cities serve as major hubs for pilgrims traveling to Mecca and Medina. With millions of pilgrims visiting Saudi Arabia each year, the Saudi government encourages influenza vaccination as part of the health protocols for those undertaking Hajj and Umrah pilgrimages. As a result, the Central region sees a surge in demand for flu vaccines, not only from local residents but also from travelers, further boosting its market share.

The private healthcare sector plays a significant role in the Northern and Central regions, particularly in Riyadh. Private hospitals, clinics, and pharmacies offer influenza vaccinations as part of corporate wellness programs and individual healthcare services. The engagement of the private sector in vaccination efforts, alongside government initiatives, contributes to the dominance of these regions in the overall market.

### Key Market Players

GlaxoSmithKline plc.

Abbott S.A.

AstraZeneca PLC

Merck Limited

Johnson and Johnson Medical Saudi Arabia Limited

### Report Scope

*Saudi Arabia Influenza Vaccine Market By Vaccine Type (Inactivated Influenza Vaccine, Live Attenuated Influenz...*

In this report, the Saudi Arabia Influenza Vaccine Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Saudi Arabia Influenza Vaccine Market, By Vaccine Type:

Inactivated Influenza Vaccine

Live Attenuated Influenza Vaccine

Saudi Arabia Influenza Vaccine Market, By Distribution Channel:

Hospital

Retail Pharmacies

Government Suppliers

Others

Saudi Arabia Influenza Vaccine Market, By Region:

Eastern

Western

Northern & Central

Southern

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Saudi Arabia Influenza Vaccine Market.

Available Customizations:



Saudi Arabia Influenza Vaccine Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

Detailed analysis and profiling of additional market players (up to five).



## Contents

### 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

### 4. SAUDI ARABIA INFLUENZA VACCINE MARKET OUTLOOK

- 4.1. Market Size & Forecast
  - 4.1.1. By Value
- 4.2. Market Share & Forecast
  - 4.2.1. By Vaccine Type (Inactivated Influenza Vaccine, Live Attenuated Influenza Vaccine)
  - 4.2.2. By Distribution Channel (Hospital, Retail Pharmacies, Government Suppliers, Others)
  - 4.2.3. By Region
  - 4.2.4. By Company

#### 4.3. Market Map

##### 4.3.1. By Vaccine Type

##### 4.3.2. By Distribution Channel

##### 4.3.3. By Region

### 5. EASTERN INFLUENZA VACCINE MARKET OUTLOOK

#### 5.1. Market Size & Forecast

##### 5.1.1. By Value

#### 5.2. Market Share & Forecast

##### 5.2.1. By Vaccine Type

##### 5.2.2. By Distribution Channel

### 6. WESTERN INFLUENZA VACCINE MARKET OUTLOOK

#### 6.1. Market Size & Forecast

##### 6.1.1. By Value

#### 6.2. Market Share & Forecast

##### 6.2.1. By Vaccine Type

##### 6.2.2. By Distribution Channel

### 7. NORTHERN & CENTRAL INFLUENZA VACCINE MARKET OUTLOOK

#### 7.1. Market Size & Forecast

##### 7.1.1. By Value

#### 7.2. Market Share & Forecast

##### 7.2.1. By Vaccine Type

##### 7.2.2. By Distribution Channel

### 8. SOUTHERN INFLUENZA VACCINE MARKET OUTLOOK

#### 8.1. Market Size & Forecast

##### 8.1.1. By Value

#### 8.2. Market Share & Forecast

##### 8.2.1. By Vaccine Type

##### 8.2.2. By Distribution Channel

### 9. MARKET DYNAMICS

9.1. Drivers

9.2. Challenges

## **10. MARKET TRENDS & DEVELOPMENTS**

10.1. Recent Developments

10.2. Product Launches

10.3. Mergers & Acquisitions

## **11. POLICY & REGULATORY LANDSCAPE**

## **12. SAUDI ARABIA ECONOMIC PROFILE**

## **13. COMPETITIVE LANDSCAPE**

13.1. GlaxoSmithKline plc.

13.1.1. Business Overview

13.1.2. Company Snapshot

13.1.3. Products & Services

13.1.4. Financials (In case of listed)

13.1.5. Recent Developments

13.1.6. SWOT Analysis

13.2. Abbott S.A.

13.3. AstraZeneca PLC

13.4. Merck Limited

13.5. Johnson and Johnson Medical Saudi Arabia Limited

## **14. STRATEGIC RECOMMENDATIONS**

## **15. ABOUT US & DISCLAIMER**

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