

# Global Tetanus Vaccine Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Tetanus Vaccine market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Tetanus vaccine, also known as tetanus toxoid (TT), is an inactive vaccine used to prevent tetanus. During childhood five doses are recommended, with a sixth given during adolescence. Additional doses every 10 years are recommended. After three doses almost everyone is initially immune. In those who are not up to date on their tetanus immunization a booster should be given within 48 hours of an injury. In those with high risk injuries who are not fully immunized tetanus antitoxin may also be recommended. Making sure women who are pregnant are up to date on their tetanus immunization and, if not, immunizing them can prevent neonatal tetanus.

The vaccine is very safe including during pregnancy and in those with HIV/AIDS. Redness and pain at the site of injection occur in between 25% and 85% of people. Fever, feeling tired, and minor muscles pains occur in less than 10% of people. Severe allergic reactions occur in less than one in 100,000 people.

A number of vaccine combinations include the tetanus vaccine such as DTaP and Tdap which contain diphtheria, tetanus, and pertussis vaccine, and DT and Td which contain diphtheria and tetanus vaccine. DTaP and DT are given to children less than seven years old while Tdap and Td are given to those seven years old and older. The lowercase d and p denote lower strengths of diphtheria and pertussis vaccines.

The tetanus vaccine was developed in 1924 and became available in the United States



in the 1940s. Its use resulted in a 95% decrease in the rate of tetanus. It is on the World Health Organization's List of Essential Medicines, the most effective and safe medicines needed in a health system. The wholesale cost in the developing world is between 0.17 and 0.65 USD per dose as of 2014. In the United States a course of tetanus vaccine is between 25 and 50 USD.

The global pharmaceutical market is 1475 billion USD in 2022, growing at a CAGR of 5% during the next six years. The pharmaceutical market includes chemical drugs and biological drugs. For biologics is expected to 381 billion USD in 2022. In comparison, the chemical drug market is estimated to increase from 1005 billion in 2018 to 1094 billion U.S. dollars in 2022. The pharmaceutical market factors such as increasing demand for healthcare, technological advancements, and the rising prevalence of chronic diseases, increase in funding from private & government organizations for development of pharmaceutical manufacturing segments and rise in R&D activities for drugs. However, the industry also faces challenges such as stringent regulations, high costs of research and development, and patent expirations. Companies need to continuously innovate and adapt to these challenges to stay competitive in the market and ensure their products reach patients in need. Additionally, the COVID-19 pandemic has highlighted the importance of vaccine development and supply chain management, further emphasizing the need for pharmaceutical companies to be agile and responsive to emerging public health needs.

The Global Info Research report includes an overview of the development of the Tetanus Vaccine industry chain, the market status of Adult (Diphtheria and tetanus (DT) vaccines, Diphtheria, tetanus, and pertussis (whooping cough) (DTaP) vaccines), Pediatric (Diphtheria and tetanus (DT) vaccines, Diphtheria, tetanus, and pertussis (whooping cough) (DTaP) vaccines), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Tetanus Vaccine.

Regionally, the report analyzes the Tetanus Vaccine markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Tetanus Vaccine market, with robust domestic demand, supportive policies, and a strong manufacturing base.

# Key Features:

The report presents comprehensive understanding of the Tetanus Vaccine market. It



provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Tetanus Vaccine industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Diphtheria and tetanus (DT) vaccines, Diphtheria, tetanus, and pertussis (whooping cough) (DTaP) vaccines).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Tetanus Vaccine market.

Regional Analysis: The report involves examining the Tetanus Vaccine market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Tetanus Vaccine market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Tetanus Vaccine:

Company Analysis: Report covers individual Tetanus Vaccine manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Tetanus Vaccine This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Adult, Pediatric).

Technology Analysis: Report covers specific technologies relevant to Tetanus Vaccine. It assesses the current state, advancements, and potential future developments in Tetanus Vaccine areas.



Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Tetanus Vaccine market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Tetanus Vaccine market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Diphtheria and tetanus (DT) vaccines

Diphtheria, tetanus, and pertussis (whooping cough) (DTaP) vaccines

Tetanus and diphtheria (Td) vaccines

Tetanus, diphtheria, and pertussis (Tdap) vaccines

Market segment by Application

Adult

Pediatric

Major players covered

GlaxoSmithKline plc

Pfizer,Inc

Merck & Co.,Inc



Sanofi Pasteur SA

Biological E

Dano Vaccine & Biological Pvt.Ltd.,

Panera

Shantha Biotechnics Ltd

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Tetanus Vaccine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Tetanus Vaccine, with price, sales, revenue and global market share of Tetanus Vaccine from 2019 to 2024.

Chapter 3, the Tetanus Vaccine competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Tetanus Vaccine breakdown data are shown at the regional level, to



show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Tetanus Vaccine market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Tetanus Vaccine.

Chapter 14 and 15, to describe Tetanus Vaccine sales channel, distributors, customers, research findings and conclusion.



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