

Biodefense Market Increase investment from pharmaceutical to develop vaccines to prevent biothreats is to drive Market.

biodefense market size is expected to reach USD 32.80 Billion in 2030 and register a revenue CAGR of 8.7% over the forecast period

NEW YORK, NEW YORK, UNITED STATES, June 7, 2022 /EINPresswire.com/ -- The global [biodefense market](#) size is expected to reach USD 32.80 Billion in 2030 and register a revenue CAGR of 8.7% over the forecast period, according to latest report by Reports and Data. Steady revenue growth of the biodefense market can be attributed to several factors, such as supportive government initiatives, rapid technological advancements, and rising awareness about biological threats. However, low market penetration in developing and underdeveloped countries may hinder market revenue growth during the forecast period.

Biodefense comprises interventions, such as vaccines, drugs, and surveillance of pathogens, along with extensive R&D activities and community health preparations, to prevent bioterrorism. An ideal biodefense vaccine platform would allow for quick formulation of novel vaccines in response to emerging or engineered pathogens.

Various countries have adopted goals for eradicating epidemics of AIDS, tuberculosis, and malaria, and combat hepatitis, water-borne diseases, and other communicable diseases, and vaccines play a crucial role in achieving these goals within a set period of time. Therefore, governments across the world, through various awareness programs, have been focusing on providing vaccines, especially to children at a very young age, at regular intervals to protect them from several biological pathogens.

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Some Key Factors Contributing to the Global Pharma & Healthcare Market Growth

Unprecedented revenue growth of the global pharma & healthcare industry is attributed to factors such as rising prevalence of chronic and acute diseases worldwide, increasing geriatric population, rising awareness of health & wellness among consumers, and growing demand for more advanced healthcare services. Increasing demand for advanced drugs and therapeutics, growing availability of next-generation diagnostics and treatment options – especially in developing countries like India and China – rise in R&D activities and clinical trials in the

pharmaceutical and biotechnology sectors, increasing public and private investments in healthcare research projects, and rising consumer expenditure on healthcare are among the other significant factors contributing to the industry revenue growth.

Some Key Highlights from the Report

Among product type segments, anthrax vaccine segment accounted for largest revenue share in 2021, which can be attributed to increasing spending by governments across the globe to develop and store sufficient anthrax vaccines. Anthrax is primarily caused by 'Bacillus anthracis' bacterium and is an extremely life-threatening disease. Hence, its vaccine has been a life-saver and is given to individuals in the age group of 18-65 years, who are at a high risk of exposure to anthrax.

Among application segments, the civilian segment accounted for largest revenue share in 2021 and is expected to register a faster revenue CAGR during the forecast period, owing to rising biological threats to civilians from terrorist organizations. It is observed that terrorist activities disturb peace and prosperity in a country to destabilize the government, and terrorist organizations can use biological agents, which is a lethal option to harm citizens of a country. Rising initiatives by governments in various countries to develop health infrastructure to accommodate a large number of people at a time of emergency is expected to drive segment revenue growth during the forecast period.

Biodefense Market in North America accounted for largest revenue share in 2021. Growth of this regional market is attributed to high federal funding for biodefense, technological advancements, and growing awareness among population in the region. Presence of major players in the region is also a favorable factor expected to support market growth. Strategies to establish biodefense mechanism aim to detect and contain biothreats at their source, and support and promote biomedical innovation and improve emergency response in case of a biological outbreak.

Biodefense market in Asia-Pacific is expected to register a faster revenue CAGR during the forecast period, due to surging investments in R&D. In addition to this, growing incidents of biothreats is also driving biodefense market growth in the region. Governments of countries in the region are supporting market growth by subsidizing companies with adequate funding and easy clearance of licenses for establishing factories and manufacturing plants for vaccines and drugs, which is expected to drive market revenue growth in Asia-Pacific.

Top Players in the Global Biodefense Market:

Altimune Inc., Emergent BioSolutions Inc., SIGA Technologies Inc., Ichor Medical Systems Inc., Elusys Therapeutics Inc., Alnylam Pharmaceuticals Inc., Dynavax Technologies Corporation, Ology Bioservices Inc., Dynport Vaccine Company LLC, and Cleveland Biolabs Inc.

The coronavirus pandemic has had a drastic impact on the global healthcare industry, with rising cases of COVID-19 worldwide, substantially growing hospital admission and readmission rates, and rising demand for telehealth and telemedicine services for remote patient monitoring. Furthermore, rising focus on development of rapid COVID-19 diagnostics such as the RT-PCR test

kits, increased government funding for vaccine development, stringent regulatory norms and protocols for COVID-19 safety, and increasing sales of COVID-19 safety equipment, such as N-95 masks, face shields, PPE kits, and hand sanitizers, have driven the global pharma & healthcare industry revenue growth over the recent past.

To know more about the report @ <https://www.reportsanddata.com/report-detail/biodefense-market>

Biodefense Market Segmentation:

Product Type Outlook (Revenue, USD Billion; 2019–2030)

Anthrax Vaccine

Smallpox Vaccine

Botulism Vaccine

Radiation Vaccine

Others

Application Outlook (Revenue, USD Billion; 2019–2030)

Military

Civilian

End-use Outlook (Revenue, USD Billion; 2019–2030)

Hospitals

Clinics

Others

Global Biodefense Market Report: Regional Segmentation

North America

U.S.

Canada

Mexico

Europe

Germany

U.K.

Italy

France

BENELUX

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Rest of APAC

Latin America

Brazil

Rest of LATAM

Middle East & Africa

Saudi Arabia

U.A.E.

South Africa

Rest of MEA

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Frequently Asked Questions Answered in the Report:

What is the estimated revenue growth rate of the global Biodefense market over the forecast period?

What are the major factors driving the global market revenue growth?

Which are the leading manufacturers and suppliers in the global Biodefense market?

Which regional market is expected to lead in terms of revenue share in the global Biodefense market over the forecast years?

What are the key outcomes of SWOT analysis and Porter's Five Forces analysis of the market?

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