

Freedonia Focus Reports
Global Collection



Global Vaccines

August 2018



CLICK TO ORDER
FULL REPORT

BROCHURE

CLICK TO ORDER
FULL REPORT

www.freedoniafocusreports.com

Table of Contents

1. Highlights	4
2. Global Overview & Forecasts	5
Total Market by Product Group	5
Pediatric	6
Adult	6
Pediatric Vaccines	8
Pneumococcal	9
Combination	9
Measles, Mumps, & Rubella	10
Varicella	10
Other Pediatric Vaccines	11
Adult Vaccines	12
Influenza	13
Cervical Cancer	13
Hepatitis	14
Pneumococcal	14
Other Adult Vaccines	15
Issues & Trends	17
3. Regional Segmentation & Forecasts	20
Regional Overview	20
US	21
European Union	21
Japan	22
China	22
South America	23
India	24
North America/Caribbean	24
Rest of World	24
4. Industry Structure	26
Market Competitors	26
Merck	27
GlaxoSmithKline	28
Sanofi Pasteur	28

5. About This Report	29
Scope & Method	29
Sources	30
Industry Codes	31
Resources	32

List of Tables & Figures

Figure 1 Global Vaccine Market Outlook, 2015 – 2024	4
Figure 2 Global Vaccine Market by Product Group, 2015 – 2024 (US\$ mil)	5
Table 1 Global Vaccine Market by Product Group, 2015 – 2024 (US\$ mil)	5
Figure 3 Global Vaccine Market by Product Group, 2015 – 2024 (%)	7
Figure 4 Global Pediatric Vaccine Market by Product, 2015 – 2024 (US\$ mil)	8
Table 2 Global Pediatric Vaccine Market by Product, 2015 – 2024 (US\$ mil)	8
Figure 5 Global Pediatric Vaccine Market by Product, 2015 – 2024 (%)	11
Figure 6 Global Adult Vaccine Market by Product, 2015 – 2024 (US\$ mil)	12
Table 3 Global Adult Vaccine Market by Product, 2015 – 2024 (US\$ mil)	12
Figure 7 Global Adult Vaccine Market by Product, 2015 – 2024 (%)	15
Figure 8 Global Vaccine Market by Region, 2015 – 2024 (US\$ mil)	20
Table 4 Global Vaccine Market by Region, 2015 – 2024 (US\$ mil)	20
Figure 9 Global Vaccine Market by Region, 2015 – 2024 (%)	25
Figure 10 Global Vaccine Market Share by Company, 2017 (%)	26
Table 5 Selected Suppliers to the Global Vaccine Market	27
Table 6 NAICS & SIC Codes Related to Vaccines	31

About This Report

Scope & Method

This report forecasts for 2018 through 2024 global demand for human vaccines by pediatric and adult product groups in nominal US dollars at the manufacturer level. Global demand for pediatric vaccines is segmented in terms of:

- pneumococcal
- combination
- measles, mumps, and rubella
- varicella
- other pediatric vaccines such as polio, hepatitis, and haemophilus influenzae type b

Global demand for adult vaccines is segmented in terms of:

- influenza
- cervical cancer
- hepatitis
- pneumococcal
- other adult vaccines such as meningococcal, diphtheria, and shingles

Discussion in this report focuses on commercialized vaccines and developmental vaccines for diseases that are already vaccine-preventable. Discussion of emerging vaccines for diseases that are not currently vaccine-preventable, such as addiction and malaria, is substantially excluded.

Total global demand for vaccines is also segmented in terms of major world region, including:

- US
- European Union (EU)
- Japan
- China
- South America
- India
- North America/Caribbean (except US)
- Rest of World

Segmentation of country-specific demand in terms of adult and pediatric vaccines is not included.

About This Report

To illustrate historical trends, world, product group (including their product segments), and regional demand are provided for 2015-2017.

All data reflects the most current available information. Because reporting agencies, such as the WHO and/or CDC, often require additional time to collect and present information, some data is not as current as might be desired. In some cases, estimates are made to give readers a better understanding of present-day situations. In others, where absolute precision is required, slightly older statistics are used. Where it is deemed important to understand current trends, historical information is provided.

Unless otherwise indicated, both historical and forecasted market values are expressed in US dollars at a fixed 2017 rate of exchange with local currencies.

Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Sources

Global Vaccines (FW40027) is based on *Vaccines 2018* published by Kalorama Information. Historical information for this report was gathered from a wide variety of published sources including company reports and filings, government documents, legal filings, trade journals, newspapers and business press, analysts' reports, and other sources. Interviews with company representatives and other experts were conducted to capture the perspectives from industry participants' point of view and assess trends and form the basis of the forecasting and competitive analysis.

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 6 | NAICS & SIC Codes Related to Vaccines

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
325414	Biological Product (except Diagnostic) Manufacturing	2836	Biological Products, Except Diagnostic Substances

Source: US Census Bureau

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

Resources

Kalorama Information

Vaccines 2018, August 2018

The Freedonia Group

Freedonia Industry Studies

Disposable Medical Supplies in the US, June 2018

Pharmaceutical Packaging Market in the US, June 2017

Medical Implants in the US, November 2016

World Medical Disposables, August 2016

Freedonia Focus Reports

Global Contract Biopharmaceuticals

Global Telehealth Products & Services

Healthcare Insurance: United States

Healthcare: United States

Medical Equipment & Supplies: United States

Medical Services: United States

Pharmaceuticals: United States

World Needle-Free Drug Delivery Systems

World Personalized Medicine Tests for Cancer

Freedonia Custom Research

Trade Publications

American Journal of Infection Control

Drug Development & Delivery

Drug Topics

Hospitals & Health Networks

Infection Control Today

Medical Design Technology

Medical Device and Diagnostic Industry

Modern Healthcare

Agencies & Associations

American Academy of Pediatrics

American Medical Association

Association for the Advancement of Medical Instrumentation

Centers for Disease Control and Prevention

China Food and Drug Administration

About This Report

Infectious Disease Research Institute
National Foundation for Infectious Diseases
United States Department of Health & Human Services
United States Food and Drug Administration
World Health Organization