

Asian Vaccine Markets

<https://marketpublishers.com/r/ACACE151CA6EN.html>

Date: March 2011

Pages: 180

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

ID: ACACE151CA6EN

Abstracts

The Asian vaccines market is relatively small compared to its population, yet it is growing, and pharmaceutical manufacturers increasingly will look to boost sales from these emerging vaccine markets. The nearly 4 billion population throughout Asia accounts for more than half of the global population, yet currently it is Western markets which lead vaccine sales. This hasn't stopped companies from investing in Asian vaccine markets.

The graying of the population in Asia and the growth in some regions such as India and China are primary indicators of the potential for vaccine markets. This has encouraged market participants to increase spending in research and development and distribution facilities in Asian countries. This report examines the market for vaccines used in humans to previous various types of disease. It covers only commercialized vaccines and developmental vaccines for diseases that are already vaccine-preventable; it does not cover emerging vaccines for diseases that are not currently vaccine-preventable

As part of its coverage, this report includes:

Estimated Market Sizes for Pediatric Preventive Vaccines by Type in Asia (Influenza, Hepatitis, HPV, Pneumococcal, Combinations, Other Childhood Diseases)

Estimated Market Sizes for Adult Preventive Vaccines by Type in Asia (Influenza, Hepatitis, HPV, Travel and Endemic, Others) 2006 - 2014

Total Vaccine Market and Projections for Asian Countries: India, China, Japan, Korea, Indonesia and Rest of Asia

Major Manufacturers' Shares of the Adult Asian Preventive Vaccine

Market, 2010**Company Profiles of Top Participating Companies****Discussion of Regulatory Trends and IP Trends****Disease statistics and Government Immunization Information****Manufacturer Strategies in Asian Countries****Discussion of Current and Emerging Delivery Options Systems**

Key issues in the global vaccine market today include product safety, refusal to immunize, supply shortages, the use of vaccines to prevent pandemics and address bioterrorism, and innovations in vaccine delivery systems.

Vaccination has played an enormous role in the prevention of disease, having had the greatest impact on human health of any medical intervention. As a result, vaccine-preventable diseases and their resulting deaths are now rare in the developed world. However, the developing nations have not benefited as much from the introduction of vaccines. Additionally, other issues such as vaccine safety, shortages and bioterrorism continue to weigh upon the industry.

The following companies are profiled in this report:

Bavarian Nordic A/S

Baxter International

Crucell

Emergent Biosolutions

GlaxoSmithKline

Merck

Novartis

Pfizer Inc

Sanofi Pasteur

Sinovac Biotech, Ltd

For purposes of this report, both secondary research into company reports, medical journals, trade publications and government reports was combined with primary research interviews of executives in the industry. In addition to this report, Kalorama has published research on the European vaccine industry and a look at what vaccines are in the pipeline in the future. Please see our website, www.kaloramainformation.com for more details on these studies.

Contents

EXECUTIVE SUMMARY

THE ASIAN VACCINES MARKET

Scope and Methodology

Vaccine Overview

Pediatric Preventative Vaccines

Adult Preventative Vaccines

Total Market

Issues and Trends

INTRODUCTION TO VACCINES

Vaccines and The Immune Response

Mechanism of Action

Types of Vaccines

Attenuated (Weakened) Live Viruses

Killed (Inactivated) Viruses

Toxoid Vaccines

Genetically Engineered/Modified Vaccines

Subunit Vaccines

Conjugate Vaccines

DNA Vaccination

Development of Vaccines in Asian Markets

Vaccine Approval Process

PEDIATRIC PREVENTIVE VACCINES

Introduction

Vaccine Coverage Rates by Country

China

India

Japan

United Nations Initiatives

Pediatric Vaccine Products

BCG

Diphtheria, Tetanus, Pertussis, Hepatitis B and Polio

Diphtheria

Pertussis

Tetanus

Hepatitis B

Poliomyelitis

Haemophilus Influenzae Type B

Hepatitis A

Human papillomavirus (HPV) vaccination

Gardasil

Cervarix

Measles, Mumps and Rubella

Measles

Mumps

Rubella

Meningococcal Disease

Pneumococcal Conjugate

Rotavirus

Varicella

Pediatric Vaccines in Development

The Asian Market for Pediatric Preventive Vaccines

Total Asian Market Size and Forecast

Asian Market by Product Type

Influenza

Hepatitis A & B

HPV

Childhood Vaccines

Pneumococcal

Combinations

Other Childhood Vaccines

Others

Major Manufacturer's Market Share—Pediatric Vaccines

ADULT PREVENTIVE VACCINES

Introduction

Adult Vaccine-Preventable Diseases: Facts and Figures

Global Influenza Surveillance Program

Recommendations for Adult Immunizations

WHO International Health Regulations

Adult Vaccine Products

BCG

Cholera

Diphtheria-Tetanus

Hepatitis

Hepatitis A

Hepatitis B

Human Papilloma Virus (HPV)

Gardasil

Cervarix

Influenza

Pandemic Influenza

Avian Flu

Swine Flu

Japanese Encephalitis

Meningitis

Pneumococcal Disease

Rabies

Typhoid Fever

Yellow Fever

Adult Vaccines in Development

The Asian Market for Adult Preventive Vaccines

Total Asian Market Size and Forecast

Asian Market by Product Type

Influenza

Hepatitis

HPV

Travel/Endemic Vaccines

Others

Major Manufacturer's Market Share—Adult Vaccines

VACCINES MARKET SUMMARY

Trends Driving the Vaccines Market

Market Size and Forecast

Vaccine Sales by Region

Vaccine Market Competitors

ISSUES AND TRENDS

Changes in the Regulatory Structure in Asia-Pacific

Global Immunization Trends

Intellectual Property Concerns

Vaccine Safety

Refusal to Immunize

Obesity

World Health Organization

The Future of Vaccine Safety

Manufacturer Strategies

Acquisitions and Alliances

Access to Medicine Programs

Global Expansion

Manufacturer Risks and Market Inhibitors

Investment Risk in Emerging Growth Markets

Investment Risks for Domestic Chinese Companies

Equitable pricing

Vaccine Shortages

Influenza Vaccine Manufacturing Difficulties

Financial incentives

Preventing Shortages in Developing Nations

Vaccine Bonds

Preventing Pandemics

Vaccines and Bioterrorism

Overview

Smallpox

Tularemia

Viral Hemorrhagic Fevers

DNA Vaccination

Innovations in Vaccine Delivery Systems

Edible Vaccines

Mucosal Delivery

Intranasal Delivery

Vaccine Patches

Vaccine Microneedle Chips

Innovations in Vaccine Production

Plant-Based Production

Insects

Nanoparticle Systems

Variations in Vaccination Schedules and Recommendations

COMPANY PROFILES

Bavarian Nordic A/S

History and Lines of Business

Strategic Alliances

Vaccine Products

Financial Information

Baxter International

History and Lines of Business

Vaccine Products

Financial Information

Crucell

History and Lines of Business

Strategic Alliances

Vaccine Products

Financial Information

Emergent Biosolutions

History and Lines of Business

Strategic Acquisition and Alliance

Vaccine Products

Financial

GlaxoSmithKline

History and Lines of Business

Strategic Alliances

Vaccine Products

Financial Information

Merck

History and Lines of Business

Strategic Alliances

Vaccine Products

Financial Information

Novartis

History and Lines of Business

Strategic Alliances

Vaccine Products

Financial Information

Pfizer Inc

History and Lines of Business

Vaccine Products

Financial Information

Sanofi Pasteur

History and Lines of Business

Strategic Alliances

Vaccine Products

Financial Information

Sinovac Biotech, Ltd

History and Lines of Business

Strategic Alliances

Vaccine Products

Financial Information

COMPANY DIRECTORY

List of Exhibits

CHAPTER ONE: EXECUTIVE SUMMARY

Table 1-1: Estimated Market Sizes for Preventive Vaccines by Target Age Group in Asia 2006 - 2014

Figure 1-1: Estimated Market Sizes for Preventive Vaccines in Asian 2006 - 2014 Issues and Trends

CHAPTER TWO: INTRODUCTION TO VACCINES

Table 2-1: Impact of Vaccines in the 20th Century Annual Morbidity in the 20th Century vs 2009 (United States)

Table 2-2: Changes in Preventable Disease Incidence, Japan Annual Incidence 1985 vs 2008

Table 2-3: Vaccine-Preventable Diseases, June 2010

Table 2-4: Vaccine Research Trials by Region

Figure 2-1: SFDA Drug Approval and Production Approval Processes

CHAPTER THREE: PEDIATRIC PREVENTIVE VACCINES

Table 3-1: Global Immunization Rates by Vaccine Type 2008

Table 3-2: China Immunization Rates by Vaccine Type 1985 and 2008

Table 3-3: India Immunization Rates by Vaccine Type 1985 and 2008

Table 3-4: Japan Immunization Rates by Vaccine Type 1985 and 2008

Table 3-5: Selected Pediatric Vaccines in Development

Table 3-6: Estimated Market Sizes for Pediatric Preventive Vaccines in Asia 2006 - 2014

Table 3-1: Estimated Market Sizes for Pediatric Preventive Vaccines in Asia 2006 - 2014

Table 3-7: Estimated Market Sizes for Pediatric Preventive Vaccines by Type in Asia 2006 - 2014

Figure 3-2: Estimated Market Sizes for Pediatric Preventive Vaccines by Type in Asia, by Percent, 2010

Table 3-8: Major Manufacturers' Shares of the Pediatric Asian Preventive

Vaccine Market, 2010

Figure 3-3: 2010 Asian Pediatric Vaccines Market Share, by Leading Competitors

CHAPTER FOUR: ADULT PREVENTIVE VACCINES

Table 4-1: Recommended Universal Adult Immunization Schedule 2010

Table 4-2: Recommended Adult Immunization Schedule for Populations with Special Medical Conditions, 2010

Table 4-3: WHO Pandemic Classification Schedule

Table 4-4: Cumulative Number of Confirmed Human Cases of Avian Influenza A/(H5N1) Reported to WHO

Table 4-5: Risk for Japanese Encephalitis, by Country¹

Table 4-6: Yellow Fever Vaccination Requirements for Travelers to Selected Asian Countries

Table 4-7: Selected Adult Preventive Vaccines in Development, 2010 Selected Adult Preventive Vaccines in Development, 2010

Table 4-8: Estimated Market Sizes for Adult Preventive Vaccines in Asia 2006 - 2014

Figure 4-1: Estimated Market Sizes for Adult Preventive Vaccines in Asia 2006 - 2014

Table 4-9: Estimated Market Sizes for Adult Preventive Vaccines by Type in Asia 2006 - 2014

Figure 4-2: Estimated Market Sizes for Adult Preventive Vaccines by Type in Asia, by Percent, 2010

Table 4-10: Major Manufacturers' Shares of the Adult Asian Preventive Vaccine Market, 2010

Figure 4-3: 2010 Asian Adult Vaccines Market Share, by Leading Competitors

CHAPTER FIVE: VACCINES MARKET SUMMARY

Table 5-1: Estimated Market Sizes for Preventive Vaccines by Target Age Group in Asia 2006 - 2014

Table 5-1: Estimated Market Sizes for Preventive Vaccines in Asian 2006 - 2014
111

Figure 5-2: Asian Market for Vaccines Share by Type, 2006, 2010 and 2014

Table 5-2: Estimated Market Sizes for Adult and Pediatric Preventive Vaccines by Asian Region (Japan, China, India, Rest of Asia) 2006 - 2014

Figure 5-3 : Estimated Market Sizes for Adult and Pediatric Preventive Vaccines by Asian Region (Japan, China, India, Rest of Asia) 2006 - 2014

Figure 5-4: Estimated Market Sizes for Adult and Pediatric Preventive Vaccines by Asian Region, by Percent, 2010

Table 5-3: Major Manufacturers' Shares of the Total Asian Preventive Vaccine Market, 2010

Figure 5-5: 2010 Asian Vaccines Market Share, by Leading Competitors

CHAPTER SIX: ISSUES AND TRENDS

Table 6-1: United Nations Children's Fund (UNICEF) Indicative Budget Pricing Table for Major Antigens, 2010

Table 6-2: Vaccination Schedules by Selected Country

I would like to order

Product name: Asian Vaccine Markets

Product link: <https://marketpublishers.com/r/ACACE151CA6EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/ACACE151CA6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970