

China Vaccine Industry Report, 2008-2009



In the past decade, Chinese vaccine market tripled in scale. China has already become the world's largest vaccine producer and now has 28 vaccine companies, ranking NO.1 around the globe. It can produce one billion person-portions annually, besides, varieties and quantity also ranks the top in the world.

Output of common vaccine reaches 500 million person-portions such as HBV vaccine, measles vaccine, etc. Fully planned immunization has been realized.

Expenses on Vaccines Proportion to Treatment Cost in China and Developed Countries

Classification	China	Western Developed Countries
Proportion	1:15	1:30

Source: ResearchInChina

Compared to developed countries, expenses of China on vaccine and diseases treatment are relatively low; therefore, China will attach great importance to vaccine industry development and take it as the key of healthcare and bio-technology industry. The Development Strategy of China Bio-technology Industry has rendered the development of secure new types of vaccines as priority; in the meantime, Chinese government has employed preferential taxation policy to this industry. In consequence, vaccine industry will become a high-tech sector with great potential in China bio-technology field. It is forecasted that China vaccine market scale will approximate RMB8 billion in 2020, with an annual growth rate of 15%, far above world's level 10%.

Based on authoritative statistics, this report makes in-depth analysis on China vaccine industry development, vaccine market, vaccine import & export, key vaccine producers, and also forecasts the development trend of China's vaccine industry in 2009. Vaccines involved in this report are Flu Vaccine, HBV Vaccine, Cerebrospinal Meningitis Vaccine, HIV vaccine, A/HINI vaccine as well as anima vaccines.

Table of Contents

- **1. Overview of China Vaccine Market**
 - 1.1 Impact of Globalization on China Pharmaceutical Market
 - 1.1.1 Pharmaceutical Industry Restructuring and International Division of Labor
 - 1.1.2 Accelerated Globalization of Pharmaceutical Market
 - 1.1.3 International Status of China Pharmaceutical Industry
 - 1.1.4 Forecast of China Status in Global Pharmaceutical Industry, 2009
 - 1.2 Strategies for the Access into China Vaccine Market
 - 1.2.1 Policy on Foreign Capital Entry into China Vaccine Market
 - 1.2.2 Competition Strategies of Chinese Vaccine Companies
 - 1.2.3 China Vaccine Market Position in the Global Market
 - 1.3 China Biopharmaceutical Sector
 - 1.3.1 Sales Revenue, 2008
 - 1.3.2 Total production Value, 2008
 - 1.3.3 Development Trend, 2009
- **2. China Vaccine Market Development in 2008-2009**
 - 2.1 Market Characteristics, 2008
 - 2.2 Main Vaccines Types, 2008
 - 2.3 Market Structure, 2008
 - 2.4 Market Characteristics, 2008
 - 2.5 Market Tendency, 2008
 - 2.6 Suggestions for Vaccine Industry Development, 2008
- **3. Markets of Vaccine Varieties, 2008**
 - 3.1 China Flu Vaccine Market, 2008
 - 3.1.1 Market Background
 - 3.1.2 Technology R&D
 - 3.1.3 Market Size
 - 3.1.4 Competition
 - 3.1.5 Market Demand
 - 3.1.6 Key Producers
 - 3.2 China HBV Vaccine Market
 - 3.2.1 Market Background
 - 3.2.2 Market Size

- 3.2.3 Main Products
- 3.3 China MCV Vaccine Market
 - 3.3.1 Market Background
 - 3.3.2 Market Size
- 3.4 China AIDS Vaccine Market
 - 3.4.1 Market Background
 - 3.4.2 Market Size
 - 3.4.3 R & D
- 3.5 Other Vaccine Markets and R & D
 - 3.5.1 Lung Cancer Vaccine
 - 3.5.2 Measles Vaccine
 - 3.5.3 Cervical Cancer Vaccine
 - 3.5.4 Lupus Erythematosus Vaccine
 - 3.5.5 Rotavirus Vaccine
 - 3.5.6 Tumor Vaccine
 - 3.5.7 A H1N1 Vaccine
- **4. China Animal Vaccine Market, 2008**
 - 4.1 Basis of Demand
 - 4.1.1 Green Barriers: Promotion of Animal Vaccine
 - 4.1.2 Market Background of and Demand for Pet Vaccine
 - 4.2 Research Progress in Vaccine for Animal
 - 4.2.1 R&D of Animal Virus Vaccine
 - 4.2.2 Animal Vaccine R&D Bases in China
 - 4.2.3 Successful Development of Purified Rabies Vaccine for Human
 - 4.2.4 Research Progress in Pseudorabies Gene-deleted Vaccine
 - 4.3 China Bird Flue Vaccine Market
 - 4.3.1 Market Background
 - 4.3.2 Key Producers
 - 4.4 Competition Layout of China Animal Vaccine Market
- **5. Import and Export of China Vaccine**
 - 5.1 General Trend of Vaccine Trade
 - 5.2 Comparison between Imported Vaccine and Homemade Vaccine
- **6. China Key Vaccine Producers**
 - 6.1 China National Biotech Group Co., Ltd
 - 6.2 Beijing Tiantan Biological Products Co., Ltd
 - 6.3 Shanghai Institute of Biological Products
 - 6.4 Shenzhen Kangtai Biological Products Co., Ltd
 - 6.5 Changchun Changsheng Life Sciences Co., Ltd
 - 6.6 Shenzhen Neptunus Bioengineering Co., Ltd
 - 6.7 Guangxi Beisheng Pharmaceutical Co., Ltd
 - 6.8 Star Lake Bioscience Co., Ltd
 - 6.9 Shanghai Fosun Pharmaceutical (Group) Co., Ltd

- 6.10 Jiangsu Sihuan Bioengineering Co., Ltd
- 6.11 Northeast Pharmaceutical Group Co., Ltd
- 6.12 Chengdu Hoist Group Co., Ltd
- 6.13 Hualan Biological Engineering Inc.
- 6.14 China National Agricultural Development Group Corporation
- 6.15 Zhejiang Huahai Pharmaceutical Co., Ltd

- **7. Impact of SARS on Vaccine Market**
- 7.1 Vaccine Market Activated by SARS
- 7.1.1 Booming of Vaccine Industry
- 7.1.2 Bottleneck of Vaccine Industry
- 7.1.3 R&D of SARS Vaccine
- 7.2 Dispute of SARS Patent and Market
- 7.3 Patent Protection Measures on Anti SARS Vaccine

- **8. Vaccine Market Development Trend and Forecast, 2009**
- 8.1 Latest Information on Vaccine R&D
- 8.1.1 Development Trend of New Types of Vaccines
- 8.1.2 New Types of Vaccines
- 8.1.3 R&D of New Types of Vaccines
- 8.1.4 New Types of Combined Vaccines
- 8.2 Forecast of Vaccine Market, 2009
- 8.2.1 Forecast of Global Various Vaccines Markets, 2009
- 8.2.2 Forecast of Animal Vaccine Sector

Selected Charts

- Expenses on Vaccines Proportion to Treatment Cost in China and Developed Countries
- Sales Value of China Pharmaceutical Industry, Jan-Nov 2008
- Output Value of China Pharmaceutical Industry, Jan-Nov 2008
- China Influenza Virus Vaccine Market Scale, 2007
- Virus Vaccine-Split Influenza Virus Vaccine's Dosage Form, Price & Origin, 2008
- China HB Vaccine Market Scale, 2007
- Virus Vaccine-Recombinant Vaccine of HB's (CHO cell) Dosage Form, Price & Origin, 2008
- Virus Vaccine-Recombinant Vaccine of HB's (Barm) Dosage Form, Price & Origin, 2008
- Dosage Form, Price & Origin of Measles Vaccine, 2008
- Dosage Form, Price & Origin of Measles - mumps combined vaccine, 2008
- China Animal Vaccine Market Scale, 2008
- China Animal Vaccine Market Scale, 2005-2009
- Dosage Form, Price & Origin of Oral Rotavirus Vaccine, 2008
- Dosage Form, Price & Origin of Encephalitis B Vaccine, 2008
- Dosage Form, Price & Origin of Rubella Vaccine, 2008
- Dosage Form, Price & Origin of Parotitis Vaccine, 2008
- Dosage Form, Price & Origin of Chickenpox Vaccine, 2008
- Dosage Form, Price & Origin of Freeze-dried Hepatitis A Vaccine, 2008
- Dosage Form, Price & Origin of Renal Hemorrhagic Fever Vaccine, 2008

- Dosage Form, Price & Origin of Rabies Vaccine for Human Being, 2008
- Bird Flu Vaccine Production Capacity of CNADC and Jinyu Baoling Bio-pharmaceutical Co.
- Key Vaccines Sales of CNADC and Jinyu Baoling Bio-pharmaceutical Co., 2007
- Vaccines Sales of CNADC and Jinyu Baoling Bio-pharmaceutical Co., 2008
- Anti-serum and Vaccine Import Value, 2007 vs. 2008
- Anti-serum and Vaccine Import Value Trend, 2008
- Anti-serum and Vaccine Export Value Trend, 2008
- Anti-serum and Vaccine Import Volume, 2007-2008
- Anti-serum and Vaccine Import Volume Trend, 2008
- Anti-serum and Vaccine Export Volume Trend, 2008
- Anti-serum and Vaccine Export Value, 2007 vs. 2008
- Anti-serum and Vaccine Export Volume, 2007 vs. 2008
- Anti-serum and Vaccine Import Value Trend, 2008-2009
- Anti-serum and Vaccine Import Volume Trend, 2008-2009
- Anti-serum and Vaccine Export Value Trend, 2008-2009
- Anti-serum and Vaccine Export Volume Trend, 2008-2009
- Profitability of Beijing Tiantan Biological Products Co., 2007-2008
- Operation Ability of Beijing Tiantan Biological Products Co., 2007-2008
- Debt-paying Ability of Beijing Tiantan Biological Products Co., 2007-2008
- Capital Structure of Beijing Tiantan Biological Products Co., 2007-2008
- Development Ability of Beijing Tiantan Biological Products Co., 2007-2008
- Cash Flow of Beijing Tiantan Biological Products Co., 2007-2008
- Main Businesses of Beijing Tiantan Biological Products Co. by Sector and by Product

- Main Businesses of Beijing Tiantan Biological Products Co. by Region
- Structure of Research Institute of Changchun Changsheng Life Sciences Co.
- Profitability of Shenzhen Neptunus Bioengineering Co., 2007-2008
- Operation Ability of Shenzhen Neptunus Bioengineering Co., 2007-2008
- Debt-paying Ability of Shenzhen Neptunus Bioengineering Co., 2007-2008
- Capital Structure of Shenzhen Neptunus Bioengineering Co., 2007-2008
- Development Ability of Shenzhen Neptunus Bioengineering Co., 2007-2008
- Cash Flow of Shenzhen Neptunus Bioengineering Co., 2007-2008
- Main Businesses of Shenzhen Neptunus Bioengineering Co. by Sector and by Product
- Main Businesses of Shenzhen Neptunus Bioengineering Co. by Region
- Profitability of Guangxi Beisheng Pharmaceutical Co., 2007-2008
- Operation Ability of Guangxi Beisheng Pharmaceutical Co., 2007-2008
- Debt-paying Ability of Guangxi Beisheng Pharmaceutical Co., 2007-2008
- Capital Structure of Guangxi Beisheng Pharmaceutical Co., 2007-2008
- Development Ability of Guangxi Beisheng Pharmaceutical Co., 2007-2008
- Cash Flow of Guangxi Beisheng Pharmaceutical Co., 2007-2008
- Main Businesses of Guangxi Beisheng Pharmaceutical Co. by Sector and by Product
- Main Businesses of Guangxi Beisheng Pharmaceutical Co. by Region
- Profitability of Star Lake Bioscience Co., 2007-2008
- Operation Ability of Star Lake Bioscience Co., 2007-2008
- Debt-paying Ability of Star Lake Bioscience Co., 2007-2008
- Capital Structure of Star Lake Bioscience Co., 2007-2008
- Development Ability of Star Lake Bioscience Co., 2007-2008
- Cash Flow of Star Lake Bioscience Co., 2007-2008
- Main Businesses of Star Lake Bioscience Co. by Sector and by Product
- Main Businesses of Star Lake Bioscience Co. by Region
- Pharmaceuticals under Research of Shanghai Fosun Pharmaceutical (Group) Co., 2008

- Profitability of Shanghai Fosun Pharmaceutical (Group) Co., 2007-2008
- Operation Ability of Shanghai Fosun Pharmaceutical (Group) Co., 2007-2008
- Debt-paying Ability of Shanghai Fosun Pharmaceutical (Group) Co., 2007-2008
- Capital Structure of Shanghai Fosun Pharmaceutical (Group) Co., 2007-2008
- Development Ability of Shanghai Fosun Pharmaceutical (Group) Co., 2007-2008
- Cash Flow of Shanghai Fosun Pharmaceutical (Group) Co., 2007-2008
- Main Businesses of Shanghai Fosun Pharmaceutical (Group) Co. by Region
- Main Businesses of Shanghai Fosun Pharmaceutical (Group) Co. by Sector
- Main Businesses of Northeast Pharmaceutical Group Co. by Sector in 2008
- Operations of Vaccine and Pharmaceutical Business of Chengdu Hoist Group Co., 2008
- Main Financial Results of Hualan Biological Engineering Inc., 2008
- Main Business Revenue and Profit Structure of CNADC, 2008
- Sales Statistics of Key Products of CNADC, 2005-2011E
- Sales Statistics of Zhejiang Huahai Pharmaceutical Co., 2006-2008
- Classification of Gene Recombination Vaccines
- Immunoglobulin Vector Vaccine
- Top Three Infectious Diseases in the World and Death Toll
- Vaccines for Respiratory Diseases
- Vaccines for Digestive Diseases
- Vaccines for Insect-borne Infectious Diseases
- Existing Combined Vaccines and Combined Vaccines Under Development
- Pneumococcal Vaccine Market Scale, 2009E
- Hepatitis Vaccines Market Scale, 2009E
- Pediatric Vaccines Market Scale, 2009E
- Adult Vaccines and Influenza Vaccine Market Scale, 2009E
- Therapeutic Vaccines Market Scale, 2009E

How to Buy

Product details			How to Order
Single user	USD 1,500	File PDF	By email: report@researchinchina.com
Enterprisewide	2,200	PDF	By fax: 86-10-82600829
Publication date: Aug. 2009			By online: www.researchinchina.com
For more information, call our office in Beijing, China:			
Tel: 86-10-82600828			
Website: www.researchinchina.com			