



FEDERAL REPUBLIC OF NIGERIA

**NATIONAL HEALTH ACCOUNTS
2006 - 2009**

FEDERAL MINISTRY OF HEALTH

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FOREWORD

The 2006 – 2009 Federal Republic of Nigeria National Health Accounts (NHA) has been a major undertaking by the Ministry. The findings represent a thorough analysis of health expenditure trends by different players in the health sector. In order to provide a picture of overall health financing that is dedicated to the health sector, expenditure data for the government of Nigeria, Household out of Pocket, Development Assistance as well as private employers has been incorporated in this report. The Report provides evidence-based analysis on expenditure information that is critical for the formulation of future fiscal policies.

The preparation of this NHA confirms Government's commitment to spur enhanced transparency in expenditure management. This study was carried by a team coordinated by the Director of Health Planning, Research and Statistics in the Federal Ministry of Health. Key cooperating government departments included the Bureau of Statistics, National Planning Commission, and the Central Bank of Nigeria, who provided very important inputs into the process.

I acknowledge the great work and dedication that was involved in the compilation of this Report for the high quality, depth and objectivity. The National Health Accounts exercise involved extensive interactions with the Ministry's departments and Agencies, Divisions, State Corporations and Development Partners, whose valuable cooperation and support is appreciated.

It is my sincere hope that this 2006 – 2009 National Health Accounts (NHA) Report will assist the Federal Ministry of Health (FMOH) and Stakeholders to take stock of the resources in the health sector and how these resources have been utilized to produce better health outcomes.

Permanent Secretary
Federal Ministry of Health

ACRONYMS

CBOs	Community-Based Organizations
CH	Child Health
CHEWs	Community health extension workers
CHOs	Community Health Officers
CSOs	Civil Society Organizations
DFID	Department for International Development
FBOs	Faith-Based Organizations
FCT	Federal Capital Territory
FMOH	Federal Ministry of Health
GDP	Gross Domestic Product
HH-OOP	Household Out of Pocket
HNLSS	Harmonized National Living Standard Surveys
JAR	Joint Annual Reviews
LGAs	Local Government Areas
MDAs	Ministry/Department/Agency
MDG	Millennium Development Goals
NBS	National Bureau of Statistics
NGN	Nigerian Naira
NGOs	Non-Governmental Organizations
NHA	National Health Accounts
NHIS	National Health Insurance Scheme
NPHCDA	National Primary Health Care Development Agency
OOP	Out of Pocket
PATHS2	Partnership for Transforming Health Systems-II
RH	Reproductive Health
SMOH	State Ministry of Health
TGE	Total Government expenditure
THE	Total Health Expenditure
THE _{CH}	Total Health Expenditure on Child Health
THE _{RH}	Total Health Expenditure on Reproductive Health
ToT	Training of the Trainers
UNFPA	United Nations Population Fund
UNICEF	United Nations Children's Fund
USAID	United States Agency for International Development
US\$	United States Dollar
WHO	World Health Organization

EXECUTIVE SUMMARY

INTRODUCTION

Nigeria operates a federal system of Government which comprises the federal government, 36 States + the Federal Capital Territory (FCT), and 774 Local Government Areas/Councils (LGAs). The 36 states and the FCT are also grouped into six geo-political zones, namely: the South-South, the South-East, the South-West, the North-East, the North-West and the North Central zones.

The Nigerian health sector is broad and comprises of public, private for-profit, nongovernmental organizations (NGOs), community-based organizations (CBOs), faith-based organizations (FBOs), and traditional health care providers.

In the public sector, there are three tiers of health services – the primary, secondary and tertiary. The primary health service, which is closest to the people, is said to be the constitutional responsibility of local government while, the State Ministries of health are generally responsible for secondary care. The tertiary health service deals with the most difficult/complicated/specialist cases referred from secondary health systems to teaching and specialist hospitals and are supervised by the Federal Ministry of Health (FMOH). FMOH also has responsibility to develop policies, strategies and plans that provide direction for the national health care delivery system. Other providers of health care include the private sector health facilities (i.e private for profit, private not for profit) including religious missions and NGOs, private pharmacies, drug retailers and traditional healers.

The Federal Ministry of Health has carried out National Health Accounts estimations for the periods 1998 – 2002, and, 2003 – 2005 to inform the health policy processes, domestic and external resource mobilization as well as public finance management frameworks.

The main goal of the 2006-2009 NHA is to estimate the amount and characteristics of health spending for the period 2006 – 2009. This will provide requisite information to improve the capacity of decision-makers to identify health system problems and improve health system performance.

GENERAL HEALTH FINDINGS

Total Health expenditure (THE) has increased from NGN **1,163,009** Million in 2006, NGN **1,295,361** Million in 2007, NGN **1,525,982** Million in 2008 and NGN **1,679,439** Million in 2009; this is a 44.4 percentage increase within the period. THE stood at 6.16 percent, 6.29 percent, 6.27 percent and 6.76 percent of Gross Domestic Product (GDP), in 2006, 2007, 2008, and 2009 respectively.

As a percent of Total Government expenditure (TGE), public expenditures on health stood at 6.28 percent, 5.69 percent, 5.41 percent, and 5.18 percent in 2006, 2007, 2008 and 2009 respectively. This indicate that the government still needs to dedicate more resources for health as it committed in the Abuja declaration to allocate 15 percent of the Total Government spending to health.

The Per Capita spending on Health was at NGN 8,113.7 (US\$64), NGN 8,814.9 (US\$71.1), NGN 10,128.3 (US\$86.6) and NGN 10,871 (US\$74) in 2006, 2007, 2008 and 2009 respectively. This is above the Commission on Macroeconomics and Health (CMH) calculation that a country needs to spend at least \$34 per capita in order to provide an essential WHO¹defined package of health services to their population.

FINANCING SOURCES

Household out of Pocket continues to be a major contributor of Total Health Expenditure in Nigeria accounting for about over 70 percent of Total health expenditures with 73.8 percent (NGN 858,862.8Millions), 70.7 percent (NGN 915,172.8Millions), 69 percent (NGN 1,052,940.6Millions) and 70.3 percent (NGN 1,180,807.8 Millions), in 2006, 2007, 2008 and 2009 respectively. Household out of Pocket (HH-OOP) constituted above 95 percent of all private expenditures for health. As a percentage of GDP, HH-OOP was at 4.6percent, 4.5 percent, 4.3 percent, and 4.8 percent in 2006, 2007, 2008 and 2009 respectively. Household Out of Pocket expenditure on health increased by 37.5 percent in the period 2006 to 2009.

Public financing for health saw an increase from the last NHA period and currently was at average of 20 percent at NGN 221,837Million; NGN 254,127Million; NGN 334,392Million and NGN 313,748 Million in 2006, 2007, 2008 and 2009 respectively.

In the period 2006 to 2009, Financing from development Partners was at 3.5percent (NGN 40,483.6 Million), 4.1 percent (NGN 52,627.9 Million), 4.8 percent (NGN 73,423.6 Million), and 7.2 percent (NGN 120,654.5 Million) in 2006, 2007, 2008 and 2009 respectively. 2009 year experienced a 198 percent increase in financing of health by development partners from the funding level in 2006. As a percentage of GDP, Donor financing for health stands below 1 percent.

FINANCING AGENTS

Household manages the largest share of the Total Health Expenditures at over 70 percent in the study period. Public agents (i.e. Federal Ministry of Health and others; State Ministry of Health and Local Governments Health Departments) have managed between 19 percent and 23 percent of the THE in the period. Insurance including National Health Insurance Scheme (NHIS) managed between 2 percent t 3 percent of the Total Health Expenditures.

¹ The World Health Organization essential minimum package for health is estimated to cost US\$ 34 per capita per annum – about US\$ 41 in current prices

Over the period 2006 to 2009, Nigeria saw a positive change in control of and contribution of the government over the funds for the health resources (FMOH by 39 percent, other federal by 649 percent, State Ministry of Health (SMOH) by 633 percent and LGA health departments by 66 percent). The actual government expenditures highlighted the government commitment to devote more resources for health for example Ministry of Gender spent over 7 percent on health.²

HEALTH PROVIDERS

The Nigerian health sector is broad and comprises of public, private for-profit, nongovernmental organizations (NGOs), community-based organizations (CBOs), faith-based organizations (FBOs), and traditional health care providers.

In the study period 2006 to 2009, the public providers of health care were the major players in health care provision. Comprehensive Health Centres/Primary Health Facilities consumed over 35 percent of the Total Health Expenditures, followed by Proprietary and Patent Medicine Vendors at around 18 percent (this is mostly the providers mostly used by household). Secondary Government Hospitals and Tertiary/Specialist Hospitals ranged between 9 percent and 12 percent over the same period.

HEALTH CARE FUNCTIONS

Outpatient curative care took the largest portion of THE at 51.6 percent in 2009, a decrease from 53 percent in 2005/06. The proportion of THE spent on Pharmaceuticals and other medical non-durables was in the range of 21 percent, expenditures on inpatient curative services has been on an average of 12 percent between the study period. In absolute values the Expenditures on Prevention of Non-Communicable Diseases increased by 620 percent between 2006 and 2009.

REPRODUCTIVE HEALTH SUB ACCOUNT

The Total Health Expenditure for Reproductive Health (THE_{RH}) increased from NGN 174, 451 Million in 2006 to NGN 251, 916 Million in 2009. This was a 44.4 percent increase. Household Out-of-pocket health expenditure on RH (% of THE_{RH}) ranged between 69 percent and 74 percent in the NHA period.

THE_{RH} Per Capita Spending on Health was NGN 4,990 (US\$ 39.33) in 2006, NGN 5,385 (US\$ 43.47) in 2007, NGN 6,147 (US\$ 52.58) in 2008 and NGN 6,556 (US\$ 44.66) in 2009. As a percent of GDP, THE_{RH} was in the range of 0.9 percent and 1.0 percent in the study period.

CHILD HEALTH SUB ACCOUNT

In the NHA period 2006 to 2009, the Total Health Expenditure on CH (THE_{CH}) was NGN Millions 289,589, NGN Millions 322,545, NGN Millions 379,970 and NGN 418,180 respectively. THE_{CH} comprised of Public sources, Donors, Private firms and household out of

² Expenditure report from National Planning Commission

pocket expenditure. The Per Capita Spending on Child Health was NGN 12,817 (US\$ 101) in 2006, NGN 13,832 (US\$ 112) in 2007, NGN 15,790 (US\$ 135) in 2008 and NGN 16, 839 (US\$ 115) in 2009. As a percentage of the Total Health Expenditure (THE), Total Health Expenditure on CH (THE_{CH}) as % of was 25 percent.

CHAPTER 1: INTRODUCTION AND BACKGROUND

Country Context

The Federal Republic of Nigeria is a country situated within West Africa. It has a land mass of 923,768 km², and a 2010 projected population of 160,821,353 million, with an annual growth rate of 3.2%. A gender disaggregated distribution of the population reflects a 51% male and 49% female composition. Women of child bearing age and children under five constitute 22% and 20% of the population respectively. Adolescents aged 10-24 years account for 32% of the population, while children under 15 years make up 42% of the population.

Nigeria operates a federal system of Government which comprises the federal government, 36 States + the Federal Capital Territory (FCT), and 774 Local Government Areas/Councils (LGAs). The 36 states and the FCT are also grouped into six geo-political zones, namely: the South-South, the South-East, the South-West, the North-East, the North-West and the North Central zones.

The health care system in Nigeria

The Nigerian health sector is broad and comprises of public, private for-profit, nongovernmental organizations (NGOs), community-based organizations (CBOs), faith-based organizations (FBOs), and traditional health care providers.

Public Health Sector:

While the federal government develops policies that are relevant across all three levels, responsibility for health service provision in the public sector mirrors the three-tier structure of government.

The levels of care in the public sector are:

- **Tertiary care:** Tertiary facilities form the highest level of health care in the country and include specialist and teaching hospitals and federal medical centers. These facilities have special expertise and full-fledged technological capacity that enable them to serve as referral centers for patients from the primary and secondary levels and act as resource centers for knowledge generation and diffusion. There are about 59 tertiary hospitals in the country spread across all the states. The responsibility for tertiary care and training falls under the mandate of the federal government; however, some states have established and are running tertiary health facilities.
- **Secondary care:** Secondary care facilities include general hospitals, which provide general medical and laboratory services as well as specialized health services such as surgery, pediatrics, obstetrics and gynecology. General hospitals are typically staffed by medical officers (who are physicians), nurses, midwives, laboratory and pharmacy specialists, and community health officers (CHOs). The facilities serve as referral centers

for primary health care facilities. There is at least one secondary-level facility in each local government area (LGA). State governments are responsible for this level of care.

- **Primary care:** Facilities at this level are the entry point into the health care system. They include health centers and clinics, dispensaries, and health posts which typically provide general health services including preventive, curative, health promotion, and pre-referral care. Primary facilities are typically staffed by nurses, CHOs, community health extension workers (CHEWs), junior CHEWs, and environmental health officers. It is the responsibility of the LGAs to finance and manage primary health care under the supervisory oversight of the state government.

Private Health Sector:

The private sector also plays a large role in the provision of care across the country. It includes a wide range of health providers like physician practices, maternity homes, clinics, and hospitals providing secondary and tertiary level care. Private for-profit health facilities have proliferated since the mid-1980s and together with the FBO facilities, are reported to provide 80% of health services to Nigerians (FMOH, 2007; DFID, 2000; Larbi et al, 2004). There are also traditional medicine practitioners and informal medicine vendors.

While the private sector makes an appreciable contribution to health care in Nigeria, it is not very well regulated and supported. For example, private sector health care workers have fewer opportunities for training and refresher trainings than those in the public sector. Awareness of and availability of policies, guidelines, and manuals is also weak in the private sector.

National Health Accounts in Nigeria

NHA is designed to facilitate the successful implementation of health system goals by policy makers who are entrusted with the responsibility of providing an optimal package of goods and services to maintain and enhance the health of individuals and populations. This is expected to protect families from an unfair financial burden.

The Federal Ministry of Health has carried out National Health Accounts estimations for the periods 1998 – 2002, and, 2003 – 2005 to inform the health policy processes, domestic and external resource mobilization as well as public finance management frameworks. The previous NHA estimates offered comprehensive overviews of the country's health expenditure patterns – by financing sources, financing agents, types of health providers and types of health services (health care functions). The last NHA estimation also provided information on patterns of health expenditures in 17 states.

Policy objectives of the 2006 -2009 NHA in Nigeria

The main goal of the 2006-2009 NHA is to estimate the amount and characteristics of health spending for the period 2006 – 2009. This will provide requisite information to improve the capacity of decision-makers to identify health system problems and improve health system performance.

Specifically, the NHA is expected to answer the following policy questions:³

1. How are resources mobilized and managed for the national health system?
2. Who pays and how much is paid for health care?
3. Who provides goods and services, and what resources do they use?
4. How are health care funds distributed across the different services, interventions and activities that the health system produces?
5. Which health providers benefit from health care expenditure?
6. What is the comparison between funds released to and funds received by benefiting entities within the national health system?
7. What is the level of resources mobilized for health within the country by development partners?
8. What is the Total Health Expenditure (THE) for the country?
9. What is the level of expenditure for preventive and curative health care?

In addition, for the current NHA estimation (2006-2009), sub-accounts for reproductive health and child health will be estimated. This information will assist government and its stakeholders to develop and implement equitable and effective health care policies, plans and programmes.

³Federal Ministry of Health, National Health Account (NHA) Implementation and Training Manual; 2010.

CHAPTER 2: METHODOLOGY

The National Health Accounts Estimation for 2006 - 2009 was carried out in accordance with the laid down guidelines of producing National Health Accounts with special application for low-income and middle-income countries of 2003 jointly issued by USAID, World Bank, and WHO, that was informed by both primary and secondary data. A wide range of data and information were collated from various secondary sources, including such materials as government reports and National Health Insurance Scheme (NHIS) audited accounts.

2.1 HOUSEHOLD HEALTH EXPENDITURE ESTIMATION

The household health expenditure estimates 2006 to 2009 were projected from the 2008/2009 Harmonized National Living Standard Surveys (HNLSS) conducted by the National Bureau of Statistics (NBS). This is the most recent living standard survey conducted in Nigeria. It contains information on health spending and other frequent and non-frequent spending. In the absence of a specialized health service utilization and expenditure survey in Nigeria, the 2008/09 HNLSS was the most suitable.

In order to carry out the process of quantifying the total volume of OOP payments in Nigeria, we have to make use of available secondary data. This is so because it is usually very costly and time consuming at this point to commission a specialised survey that specifically collects, from individuals and households, information on direct OOP payments. While this is important, it could be factored into the planning process as a long term goal for Nigeria to achieve. In the future specialised survey may then be commissioned.

Out-of-pocket payments for the purpose of this report has been defined based on international literature (see Rannan-Eliya, 2010). They comprise direct payments at the point of utilising health services (public and private) which are then not reimbursed by any prepayment scheme (Ataguba, 2012).

2.2 INSTITUTIONAL SURVEYS

The following institutional surveys were conducted to complete the NHA process:

- ❖ Enterprise (Employers/private firms)
- ❖ Public sector organizations providing health services/incurred expenditures on employees' health: includes Federal Ministry of Health, local authorities, and Parastatals
- ❖ Donors (both bilateral and multilateral)
- ❖ Insurance (public (NHIS) and private)
- ❖ Civil Society Organizations (CSOs) involved in health
- ❖ Health Care Providers (both private and public).

2.2.1 ENTREPRISE (EMPLOYER) SURVEY

Private Employer component includes the Actual health expenditure spent on workers, total number of employees and their dependents covered by private health insurance and total amount of donations to Government.

2.2.2 GOVERNMENT MINISTRIES/DEPARTMENTS/PARASTATALS SURVEY

2.2.2.1 FEDERAL MINISTRY OF HEALTH

The Federal Ministry of Health expenditures included the following components:

- Direct expenditures by departments to provide health care goods and services
- Total emoluments of staff delivering the departmental services
- The cost of administrative services provided in support of departments directly delivering healthcare goods and services

The main sources of the Ministries of Health expenditure data were:

- Government Estimates of Recurrent and Capital Expenditures (issued by Central Bank of Nigeria (CBN))
- Annual Appropriation Accounts for the period, (Recurrent and Capital)
- Joint Annual Reviews (JAR)

This shows the amount of funds disbursed to different Government Ministry/Department/Agency (MDAs) for health related programmes, total funds disbursed by MDAs to each benefiting entity, funds disbursed on behalf of the MDG office and the actual disbursements. The amount received from different funding sources, actual disbursement by MDAs to the Providers of health services for both public and private sectors with actual health expenditure for health goods and services were also captured.

2.2.2.2 LOCAL GOVERNMENT

The Local Governments are responsible for Primary Health facilities. Local Government component covered Total Health Expenditure disbursed to different entities and amount released for Recurrent and Capital Expenditure. This information was sourced from Department of Finance at the LGA. In addition, Total Health Revenue received from different sources, expenditure on Health Care Facilities, Ambulatory Health Care, other provider of medical goods and General Health Administration were sourced from Department of Health at the LGA Headquarters.

2.2.2.3 STATE CORPORATIONS (PARASTATALS)

State corporations or Parastatals incur health expenditures. Some of them operated their own health care facilities, primarily offering outpatient care to employees and their families. Expenditure per employee was calculated from data of Parastatals that responded and multiplied by the total number of employees in the sample to obtain the total health expenditure by state corporations.

2.3 HEALTH INSURANCE

Health Insurance covered shows the number of subscribers, total health insurance premium received, funds received for health related insurance, and funds disbursement to benefiting entities.

Information was also collected on the nature of health services rendered (e.g. inpatient, outpatient, pharmaceuticals). The results were extrapolated to obtain the total health expenditure by health insurance firms.

2.4 DONOR CONTRIBUTION SURVEY

Development Partners component captures the total amount of development assistance to the Federal Republic of Nigeria, total amount the agency/organization spent on national consultants and technical support for health. It also includes the amount spent on organization's administration for both management and coordination, funds received from In-country Sources and actual amount the organization gave to each of the 36 States and FCT for health goods and services.

The donor data was used to validate expenditure information obtained from NGOs.

2.5 CIVIL SOCIETY ORGANISATIONS SURVEY

NGOs receive support from donors (both international and local). From the list of all NGOs operating in Nigeria, a list was drawn of those that work in the health sector. The Civil Society Organization (SCOs) module captured the actual health revenue received from different sources and the total amount of health expenditure on programme/activities to Federal Government as well as the states. Also, actual amount spent on Health Care Facilities, Ambulatory Health Care, other provider of medical goods and General Health Administration were also included.

The expenditure reported was weighted to cover for the universe and triangulated with the Donor reports.

2.6 SAMPLE SIZE

Government Entities

Funding Sources: A total of 816 MDAs of Funding Sources were sampled that included 5 Federal Ministries, 36 State Ministries including Federal Capital Territory Abuja and 774 Local Government Departments of Finance.

Financial Agent: A total of 6 Federal MDAs were also sampled and this covered Federal Ministry of Health, 5 Parastatals/Agencies and 5 Federal Ministries. The selection of other Federal MDAs was based on level of health expenditure in relation to the total annual budget. 36 State Ministries of Health including Federal Capital Territory Abuja and 774 LGs Departments of Health were covered. The sample size further includes 5 State Ministries and Agencies that were selected in each state and FCT, Abuja.

Donor Agencies/NGOs:

A total of 25 Donor Agencies, and 21 Non-Governmental Organizations (NGOs) (3 International and 18 Local) were sampled.

Private Employer

The sample covered 450 Private Employers and this cut across Financial Institutions, Manufacturing, Health, Insurance, Construction, Mining and Agriculture.

Health Provider

A total of 2,104 Health Providers were sampled nationwide and the selected health facilities cut across both Private and Public facilities. The breakdown shows 1,559 Public Facilities, 28 Teaching Hospital/Specialist, 110 General Hospital and 1, 421 Primary Health Care Centers. The Private Facilities were 545 out of which 499 were for profit and 46 were not for profit (FBOs/NGOs).

Survey Questionnaire

Six out of the seven questionnaires developed were used for 2006-2009 National Health Account (NHA) estimation. The questionnaires were designed in collaboration with Stakeholders and the Consultants. The questionnaires include; Government MDAs Financing Sources, Government MDAs Financing Agent, Health Provider, Health Insurance Organizations, Enterprises,

Development Partners and CSOs. All the questionnaires contained General NHA Information, Reproductive Health (RH) Sub-Account and Child Health (CH) Sub-Account.

Training of Field Staff

Before the commencement of the fieldwork, technical meetings were held which included NHA focal persons drawn from the 36 States and Federal capital Territory (FCT) Abuja in two locations namely Kaduna and Owerri respectively. The participants for the Kaduna training were drawn from the 19 Northern States and FCT Abuja. The States are; Adamawa, Bauchi, Benue, Borno, Gombe, Jigawa, Kaduna, Kano, Katsina, Kebbi, Kogi, Kwara, Nasarawa, Plateau, Sokoto, Taraba, Zamfara and FCT. Other participants were UNICEF, WHO, UNFPA, PATHS2, NPHCA and FMOH officials. The Owerri Training included NHA State Focal Persons from AbiaAkwaIbom, Anambra, Delta, Edo, Ebonyi, Enugu, Ekiti, Imo, Ondo, Oshun, Oyo, Rivers and NPHCDA.

Training of the Trainers (ToT) and Training of Enumerators and Supervisors were adopted in training the field staff. The first level training participants included the Zonal Trainees, Monitors, Federal Ministry of Health (FMOH) Officials, National Bureau of Statistics (NBS), PATHS2, NPHCDA, UNFPA, UNICEF and foreign participants from WHO Offices in Mali and Bukina Faso. Second level training participants included Zonal Trainers, Enumerators, Supervisors, Consultants, and NHA State Focal Person.

Method of Data Collection and Analysis

In NHA 2006-2009 exercise, trained enumerators were used to administer the instruments to collect data from the tertiary, secondary and the primary facilities. The enumerators were trained on how to use the instruments and were mobilized with transport expenses to travel to the various LGAs assigned to them, visit the LGA Finance Department, LGA Health Department and the LGA Health Facilities.

All completed questionnaires were returned from various states to Federal Ministry of Health (FMOH), Abuja for data processing. 10-man team of editors were constituted from FMOH, NPHCDA, SMOH and PATHS2 Consultants to specifically check for errors such as, omissions, inconsistencies, invalid respondent, and to ensure all problems discovered were resolved before data entry.

The data entry templates were developed which tailored the structure of the questionnaire using Census and Survey Programme (CSPro) and Program checks were developed and embedded into the template for quality control. Data Entry Clerks were trained on the use of CSPro program and data were processed in batches.

Data Validation/Cleaning: All the questionnaires captured were validated by the editors for the quality checks and also, data cleaning were carried immediately after validation exercise and some frequency tables were generated to check for errors and to ensure quality on the dataset.

CHAPTER 3: GENERAL NATIONAL HEALTH ACCOUNTS FINDINGS

This section presents estimates of the Total Health Expenditures (THE) from the 2006 to 2009 to examine the pattern of health financing in Federal Republic of Nigeria.

The expenditure amounts for the 2006, 2007 and 2008 expenditure estimates have been adjusted for inflation and population increase to facilitate comparison with 2009 expenditure estimates and thus reported in 2009 present values in this report.

Health Expenditure Structure and Trend Analysis, 2006-2009

Total Health expenditure (THE) has increased from NGN **1,163,009** Million in 2006, NGN **1,295,361** Million in 2007, NGN **1,525,982** Million in 2008 and NGN **1,679,439** Million in 2009; this is a 44.4 percentage increase within the period. THE stood at 6.16 percent, 6.29 percent, 6.27 percent and 6.76 percent of Gross Domestic Product (GDP), in 2006, 2007, 2008, and 2009 respectively.

As a percent of Total Government Expenditure (TGE), public Health expenditure was at 6.28 percent, 5.69 percent, 5.41 percent, and 5.18 percent in 2006, 2007, 2008 and 2009 respectively.

The Per Capita spending on Health was at NGN 8,113.7 (US\$64), NGN 8,814.9 (US\$71.1), NGN 10,128.3 (US\$86.6) and NGN 10,871 (US\$74) in 2006, 2007, 2008 and 2009 respectively.

Summary Statistics for the General NHA Expenditures

The table that follows is a summary of key health and economic situation in the Federal Republic of Nigeria from 2006 to 2009.

Table: Summary Statistics for the General NHA Expenditures

Indicator	2006	2007	2008	2009
GDP at Current Prices (NGN Millions)	18,868,694.17	20,605,601.31	24,333,760.78	24,859,731.35
Consumer price index (2005 = 100)	108.24	114.07	127.27	141.96
GDP deflator	192.22	201.46	223.58	213.72
Inflation, consumer prices (annual %)	8.24	5.38	11.58	11.54
Inflation, GDP deflator (annual %)	19.56	4.81	10.98	-4.41
Total Government Expenditures (NGN Millions)	3,530,302	4,464,670	6,186,062	6,057,772
Total Health Expenditure (THE) (NGN Millions)	1,163,009	1,295,361	1,525,982	1,679,439
PUBLIC (NGN Millions)	221,837	254,127	334,392	313,748
DONORS (NGN Millions)	40,484	52,628	73,424	120,655
PRIVATE SOURCES (NGN Millions)	900,688	988,606	1,118,167	1,245,037
HOUSEHOLD (NGN Millions)	858,863	915,173	1,052,941	1,180,808
PRIVATE (NGN Millions)	41,826	73,433	65,226	64,229
Population	143,338,939	146,951,477	150,665,730	154,488,072
Population growth (annual %)	2.48	2.49	2.5	2.51
Exchange rate (US\$)	126.87	123.9	116.91	146.81
Inflation, consumer prices (annual %)	0.08	0.05	0.12	0.12
Per Capita Spending on Health (NGN)	8,113.7	8,814.9	10,128.3	10,871.0
Per Capita Spending on Health (US\$)	64.0	71.1	86.6	74.0
Health expenditure, Public (% of government expenditure)	6.28%	5.69%	5.41%	5.18%
Health expenditure, Public (% of total health expenditure)	19.07%	19.62%	21.91%	18.68%
Health expenditure, Private (% of total health expenditure)	77.44%	76.32%	73.28%	74.13%
Out-of-pocket health expenditure (% of private expenditure on health)	95.36%	92.57%	94.17%	94.84%
Out-of-pocket health expenditure (% of total expenditure on health)	73.85%	70.65%	69.00%	70.31%
External resources for health (% of total expenditure on health)	3.5%	4.1%	4.8%	7.2%
External resources for health (% of GDP)	0.21%	0.26%	0.30%	0.49%
THE as a % of GDP	6.16%	6.29%	6.27%	6.76%
Health expenditure, Private Incl. HH(% of GDP)	4.77%	4.80%	4.60%	5.01%
Health expenditure, Household (% of GDP)	4.55%	4.44%	4.33%	4.75%
Health expenditure, Public (% of GDP)	1.18%	1.23%	1.37%	1.26%

Summary Table for the General NHA Expenditures

Description		2006	2007	2008	2009	% change
FINANCING SOURCES	Federal Ministry of Finance	119,825,876,224	131,844,582,145	144,845,277,739	164,339,112,255	37.1%
	MDG DRG Funds	15,728,659,719	17,781,097,168	19,337,965,534	21,096,199,668	34.1%
	State Ministry of Finance	167,166,644	120,836,683	161,133,153	200,328,132	19.8%
	Local Governments Dept of Finance	86,115,422,195	104,380,145,059	170,047,360,993	128,112,000,000	48.8%
	Development Partners Funds	40,483,629,145	52,627,960,878	73,423,584,977	120,654,511,658	198.0%
	Household Funds	858,862,774,781	915,172,682,994	1,052,940,613,767	1,180,807,841,261	37.5%
	Private Enterprise Funds	41,825,520,608	73,433,363,019	65,226,103,387	64,228,775,726	53.6%
FINANCING AGENTS	Federal Ministry of Health	127,459,367,202	141,524,622,374	151,972,321,914	177,261,330,216	39.1%
	Other Federal Ministries	146,532,041	503,764,836	797,730,633	1,097,988,233	649.3%
	State Ministry of Health	3,403,162,526	11,545,343,000	18,098,797,307	24,936,605,111	632.7%
	Local Govt. Health Depts	88,636,484,112	113,072,151,789	183,682,016,234	146,904,653,657	65.7%
	Rest of the World - Bilateral and Multilateral	1,229,991,263	5,889,104,889	6,700,976,743	4,352,134,879	253.8%
	Non- Profit Institutions/NGOs	31,899,948,611	21,043,337,316	26,394,191,442	60,701,366,438	90.3%
	National Health Insurance Scheme	9,545,268,172	13,176,297,729	20,169,288,123	19,148,073,178	100.6%
	Private Health Insurance	9,552,427,317	18,797,789,827	28,259,722,859	22,617,835,792	136.8%
	Household Out of Pocket Payments	858,862,774,781	915,172,682,994	1,052,940,613,767	1,180,807,841,261	37.5%
	Private Non Parastatal Funds	32,273,093,292	54,635,573,192	36,966,380,528	41,610,939,935	28.9%
PROVIDERS OF HEALTH CARE	Comprehensive Health Centres/Primary Health Facilities	421,833,619,060.3	463,957,226,107.9	586,673,776,155.9	593,441,737,945.1	40.7%
	Secondary Government Hospitals	134,611,907,789.9	157,481,769,528.2	164,576,266,991.5	184,360,510,853.6	37.0%
	Tertiary/Specialist Hospitals	107,553,153,486.5	126,137,332,589.6	132,375,123,615.3	145,648,490,564.9	35.4%
	Private for Profit Hospitals	9,553,670,921.7	18,801,195,513.6	28,270,601,113.2	22,618,345,897.5	136.8%
	Outpatient care Centres	46,427,461,770.8	49,471,401,021.2	56,918,708,701.8	63,830,815,024.9	37.5%
	Not For Profit Health Facilities/FBOs	19,723,603,587.5	21,213,812,006.1	24,494,561,121.8	27,212,503,438.6	38.0%
	Proprietary and Patent Medicine Vendors	218,281,189,034.0	232,592,431,854.1	267,606,346,326.8	300,103,983,057.0	37.5%
	Pharmacies and authorized Chemists	48,929,071,517.2	52,137,024,646.6	59,985,609,002.0	67,270,154,219.7	37.5%
	Medical and Diagnostic Laboratories	47,270,865,063.6	50,370,100,647.0	57,952,696,443.3	64,990,368,390.9	37.5%
	Other Providers of ambulatory health care services	9,447,491,059.9	10,066,900,085.5	11,582,347,410.2	12,988,886,992.7	37.5%
	Provision and administration of Public Health Programmes	65,723,186,042.1	75,278,530,429.5	96,593,436,613.0	149,776,687,591.4	127.9%
	Education and Training Institutions	1,253,200,126.0	1,416,730,583.0	1,540,775,970.0	1,680,865,412.0	34.1%
	Research Institutions	490,059,129.0	554,007,092.0	602,514,564.0	657,296,007.0	34.1%
	Health Administration and Insurance	31,739,133,911.7	35,512,173,997.2	35,932,709,271.3	43,989,692,087.1	38.6%
	Other Institutions providing Health related services	171,436,815.7	370,031,844.1	876,566,248.9	868,431,218.3	406.6%
	HEALTH CARE FUNCTIONS	Outpatient Curative services	621,551,522,221	690,427,861,548	812,281,146,207	866,303,643,658
Inpatient Curative services		137,435,267,423	152,856,358,058	179,614,735,502	191,553,080,163	39.4%
Occupational Health care services		40,121,492	1,976,181,944	1,707,473,338	1,001,388,436	2395.9%
Maternal, Newborn and ChildHealth Incl. RH services		39,831,898,349	44,230,408,247	52,180,417,329	58,117,421,487	45.9%
Pharmaceutical and other Medical non-durables		248,169,432,663	276,578,503,487	324,892,231,840	346,172,939,996	39.5%
Health Promotion (IEC, BCC)		21,224,607	2,437,313,327	6,220,118,980	4,310,178,853	
Prevention of Communicable Diseases		50,706,896,840	52,731,103,128	69,061,117,104	88,046,385,349	73.6%
Prevention of Non-Communicable Diseases		5,780,324,829	8,080,304,911	8,963,485,408	42,206,440,167	630.2%
Other Prevention and Public Health services		169,300,242	191,392,281	208,150,110	227,075,401	34.1%
Health Administration and Health Insurance		33,469,853,819	36,473,206,541	38,405,944,721	45,646,455,928	36.4%
Capital Formation for health care provider institutions		25,703,936,994	29,055,671,988	31,622,495,933	35,049,441,722	36.4%
HC. Expenditures not specified by kind	129,269,837	322,362,484	824,723,078	804,317,541	522.2%	
Total Health Expenditures (NGN)		1,163,009,049,316	1,295,360,667,946	1,525,982,039,549	1,679,438,768,701	44.4%

Financing Sources: Who Pays For Health Care?

Financing sources are the ultimate financiers of the health system, from whom the funds originate. They answer the question, where does the money comes from? The financing sources categories and sub categories are identified in the following Table;

Table: Classification of NHA Financing Sources

Code	Description
FS.1	Public Funds
FS.1.1	Nigerian Government Fund
FS.1.1.1.	Federal Ministry of Finance
FS.1.1.2	State Ministry of Finance
FS.1.1.3	Local Government Department of Finance
FS.1.1.4	MDG DRG funds
FS.2	Private Funds
FS.2.1	Firms fund
FS.2.2	Household fund
FS.2.3	National NGOS/Local Philanthropy/Foundation Fund
FS.2.4	Other Private fund
FS.3	Rest of the World
FS.3.1	Donors/Development Partners Funds
FS.3.2	International NGOs/foundations

FINANCING SOURCES

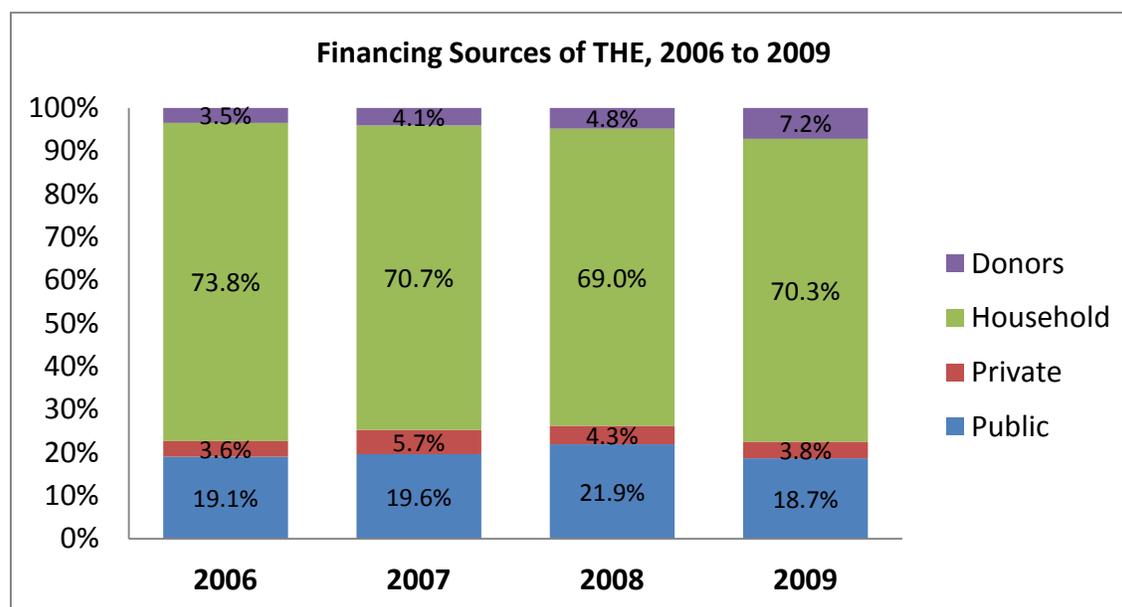
The chart below displays the funding sources for the Health in the Federal Republic of Nigeria. Household out of Pocket continues to be a major contributor of Total Health Expenditure in Nigeria accounting for about over 70 percent of Total health expenditures with 73.8 percent (NGN 858,862.8 Million), 70.7 percent (NGN 915,172.8 Million), 69 percent (NGN 1,052,940.6 Million) and 70.3 percent (NGN 1,180,807.8 Million), in 2006, 2007, 2008 and 2009 respectively.

Public financing for health saw an increase from the last NHA period and currently was at average of 20 percent at NGN 221,837 Million; NGN 254,127 Million; NGN 334,392 Million and NGN 313,748 Million in 2006, 2007, 2008 and 2009 respectively. There still exists a low budgetary execution⁴.

In the same period, the health sector saw an increase in development assistance funding for health from the lows of 3.5 percent in 2006 to over 7 percent in 2009.

⁴ Nigeria Health Expenditure Review 2009 - 2011

Figure: Breakdown of THE by Financing Sources, 2006, 2007, 2008 and 2009



The table below shows the financing sources of the Total Health expenditure for Nigeria for the period 2006 to 2009. The Total Health Expenditure (THE) increased by 44.4 percent from NGN 1,163,009 Million in 2006 to NGN 1,679,438.7 Million in 2009.

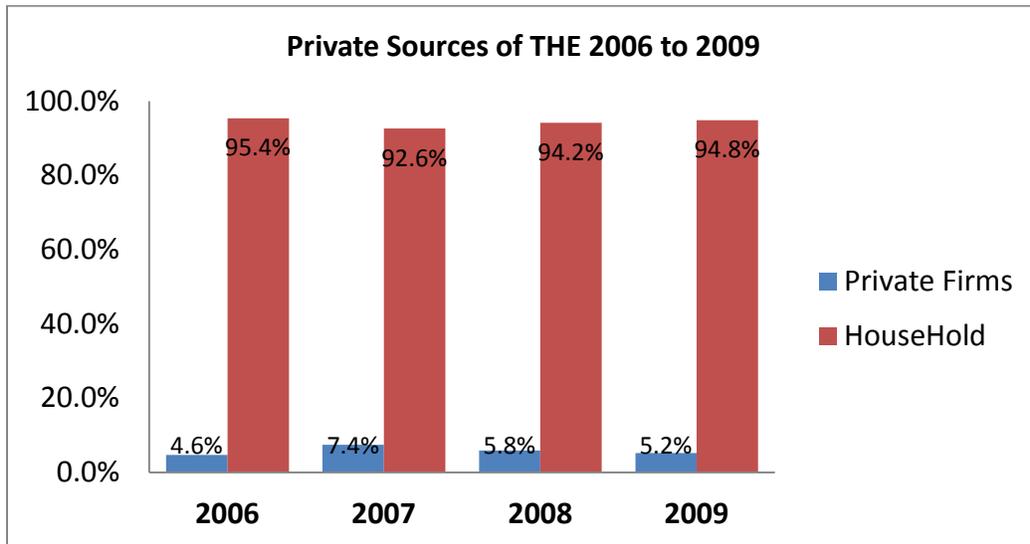
Table: Absolute value of THE by Financing Source, 2006, 2007, 2008 and 2009

FINANCING SOURCES	2006	2007	2008	2009	Percent change
Federal Ministry of Finance	119,825,876,224	131,844,582,145	144,845,277,739	164,339,112,255	37.1%
MDG DRG Funds	15,728,659,719	17,781,097,168	19,337,965,534	21,096,199,668	34.1%
State Ministry of Finance	167,166,644	120,836,683	161,133,153	200,328,132	19.8%
Local Governments Dept of Finance	86,115,422,195	104,380,145,059	170,047,360,993	128,112,000,000	48.8%
Development Partners Funds	40,483,629,145	52,627,960,878	73,423,584,977	120,654,511,658	198.0%
Household Funds	858,862,774,781	915,172,682,994	1,052,940,613,767	1,180,807,841,261	37.5%
Private Enterprise Funds	41,825,520,608	73,433,363,019	65,226,103,387	64,228,775,726	53.6%
Total Health Expenditures (NGN)	1,163,009,049,316	1,295,360,667,946	1,525,982,039,549	1,679,438,768,701	44.4%

PRIVATE SOURCES

In the period 2006 to 2009, Household out of Pocket (HH-OOP) constituted above 95 percent of all private expenditures for health. As a percentage of GDP, HH-OOP was at 4.6 percent, 4.5 percent, 4.3 percent, and 4.8 percent in 2006, 2007, 2008 and 2009 respectively. Household Out of Pocket expenditure on health increased by 37.5 percent in the period 2006 to 2009.

Figure: Breakdown of THE by Private Financing Sources, 2006, 2007, 2008 and 2009



DONOR FINANCING

Financing from development Partners was at 3.5 percent (NGN 40,483.6 Million), 4.1 percent (NGN 52,627.9 Million), 4.8 percent (NGN 73,423.6 Million), and 7.2 percent (NGN 120,654.5 Million) in 2006, 2007, 2008 and 2009 respectively. 2009 year experienced a 198 percent increase in financing of health by development partners from the funding level in 2006. As a percentage of GDP, Donor financing for health stands below 1 percent (**0.21% ≤ ≥0.5%**)

Financing Agents: Who Manages Health Funds?

For Nigeria we identify three broad categories of financing agents: public sector, non-public sector, and the rest of the world.

Classification of NHA Financing Agents⁵

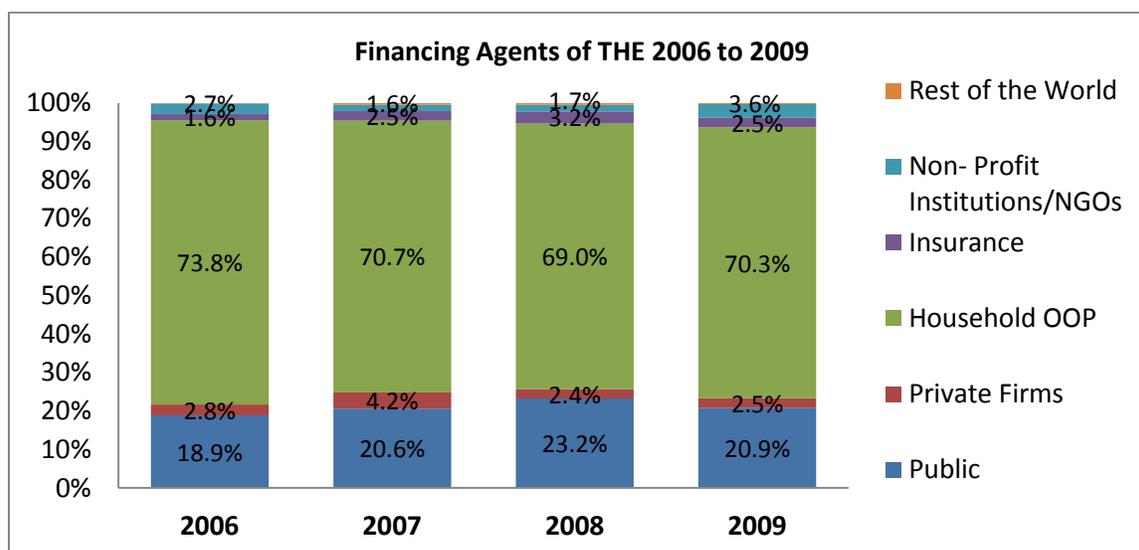
Code	Description
HF.1	Public Sector
HF.1.1	Nigeria Governments
HF.1.1.1	Federal Government
HF.1.1.1.1	Federal Ministry of Health
HF.1.1.1.2	Other Federal Ministries (e.g. Defense, Education, Agriculture)
HF.1.1.1.3	Federal Parastatals and Agencies (except NHIS)
HF.1.1.2	State Government
HF.1.1.2.1	State Ministry of Health
HF.1.1.2.2	Other State Ministries (e.g. Agriculture, education, etc.)
HF.1.1.2.3	State Parastatals and agencies
HF.1.1.3	Local Government
HF.1.1.3.1	Local Government Health Departments
HF.1.1.3.2	Other LGA Departments
HF.1.2	Social Security funds
HF.1.2.1+2.1.1	National Health Insurance Scheme
HF.2	Private Sector
HF.2.2	Private Health Insurance/HMOS (other than NHIS)
HF.2.3	Household Out-of-Pocket payments
HF.2.4	Non-profit institutions/NGOs
HF.2.5	Private firms and corporations (other than health insurance)
HF.2.5.1	Public enterprises having co-ownership with private
HF.2.5.2	Private non-parastatal firms and corporations
HF.3	The Rest of the World
HF.3.1	Foreign insurance used by bilateral and multilaterals

FINANCING AGENTS

Household manages the largest share of the Total Health Expenditures at over 70 percent in the study period. Public agents (i.e. Federal Ministry of Health and others; State Ministry of Health and Local Governments Health Departments) have managed between 19 percent and 23 percent of the THE in the period. Insurance including National Health insurance scheme (NHIS) managed between 2 percent and 3 percent of the Total Health Expenditures. This has been shown in figure below.

⁵Federal Ministry of Health, National Health Account (NHA) Implementation and Training Manual, 2010.

Figure: Breakdown of THE by Financing Agents, 2006, 2007, 2008 and 2009



The following table is an illustration of the breakdown of managers of health funds in absolute values. Over the period 2006 to 2009, Nigeria saw a positive change in control of and contribution of the government over the funds for the health resources (FMOH by 39 percent, other federal by 649 percent, SMOH by 633 percent and LGA health departments by 66 percent). The actual government expenditures highlighted the government commitment to devote more resources for health for example Ministry of Gender spent over 7 percent on health.⁶

Table: Absolute value of THE by Financing Agents, 2006, 2007, 2008 and 2009

Financing Agents	2006	2007	2008	2009	Percent change
Federal Ministry of Health	127,459,367,202	141,524,622,374	151,972,321,914	177,261,330,216	39.1%
Other Federal Ministries	146,532,041	503,764,836	797,730,633	1,097,988,233	649.3%
State Ministry of Health	3,403,162,526	11,545,343,000	18,098,797,307	24,936,605,111	632.7%
Local Govt. Health Depts	88,636,484,112	113,072,151,789	183,682,016,234	146,904,653,657	65.7%
Rest of the World - Bilateral and Multilateral	1,229,991,263	5,889,104,889	6,700,976,743	4,352,134,879	253.8%
Non- Profit Institutions/NGOs	31,899,948,611	21,043,337,316	26,394,191,442	60,701,366,438	90.3%
National Health Insurance Scheme	9,545,268,172	13,176,297,729	20,169,288,123	19,148,073,178	100.6%
Private Health Insurance	9,552,427,317	18,797,789,827	28,259,722,859	22,617,835,792	136.8%
Household Out of Pocket Payments	858,862,774,781	915,172,682,994	1,052,940,613,767	1,180,807,841,261	37.5%
Private Non Parastatal Funds	32,273,093,292	54,635,573,192	36,966,380,528	41,610,939,935	28.9%
Total Health Expenditures (NGN)	1,163,009,049,316	1,295,360,667,946	1,525,982,039,549	1,679,438,768,701	44.4%

⁶ See Expenditure report from National Planning Commission

Providers of Health Care: Who Uses Health Funds to Deliver Care?

Providers are entities that provide or deliver health care and health-related services. They are end recipients of health care funds, and answer the questions “who provides health care services?” or “where are health care services provided?” Table below provides a comprehensive breakdown of different types of entities that provide health care and health-related services in Nigeria.

Table: Classification of NHA Providers

Codes	Description
HP.1	Hospitals
HP 1.1.1	Government owned hospitals
HP.1.1.1.1	Tertiary/Specialist Hospitals
HP.1.1.1.2	Secondary – General Hospitals
HP.1.1.1.3	Comprehensive Health Centers/Primary Health care facilities
HP.1.1.3	Hospitals owned by private for profit entities
HP.1.1.4	Hospitals owned by private non-profit entities (FBO owned hospitals)
HP.3	Providers of Ambulatory Health Care
HP.3.4	Outpatient care centres
HP.3.4.5.1	Dispensaries and Health Clinics
HP.3.5	Medical and Diagnostic laboratories
HP.3.9	Other Providers of ambulatory health care services
HP.4	Retail sales & other providers of medical goods
HP.4.1	Dispensing outlets
HP.4.1.1	Pharmacies and authorized Chemists
HP.4.1.2	Proprietary and Patent Medicine Vendors (PPMV)
HP.4.9	All other Miscellaneous sales & supply of Pharmaceutical goods
HP.5	Provision and administration of public health programmes
HP.6	General health administration and insurance
HP.6.1	Government administration of health (FMOH, SMOH, LG Health. Depts.)
HP.6.2	Social health insurance - NHIS
HP.6.4	Private health insurance
HP.6.9	Other providers of health administration
HP.7	All other Industries (rest of the Economy)
HP.7.1	Establishments as providers of Occupational Health care services
HP.8	Institutions providing health-related services
HP.8.1	Research institutions
HP.8.2	Education and training institutions
HP.8.3	Other institutions providing health-related services
HP.9	Rest of the World – Overseas medical facilities
HP. nsk	Providers not specified by kind

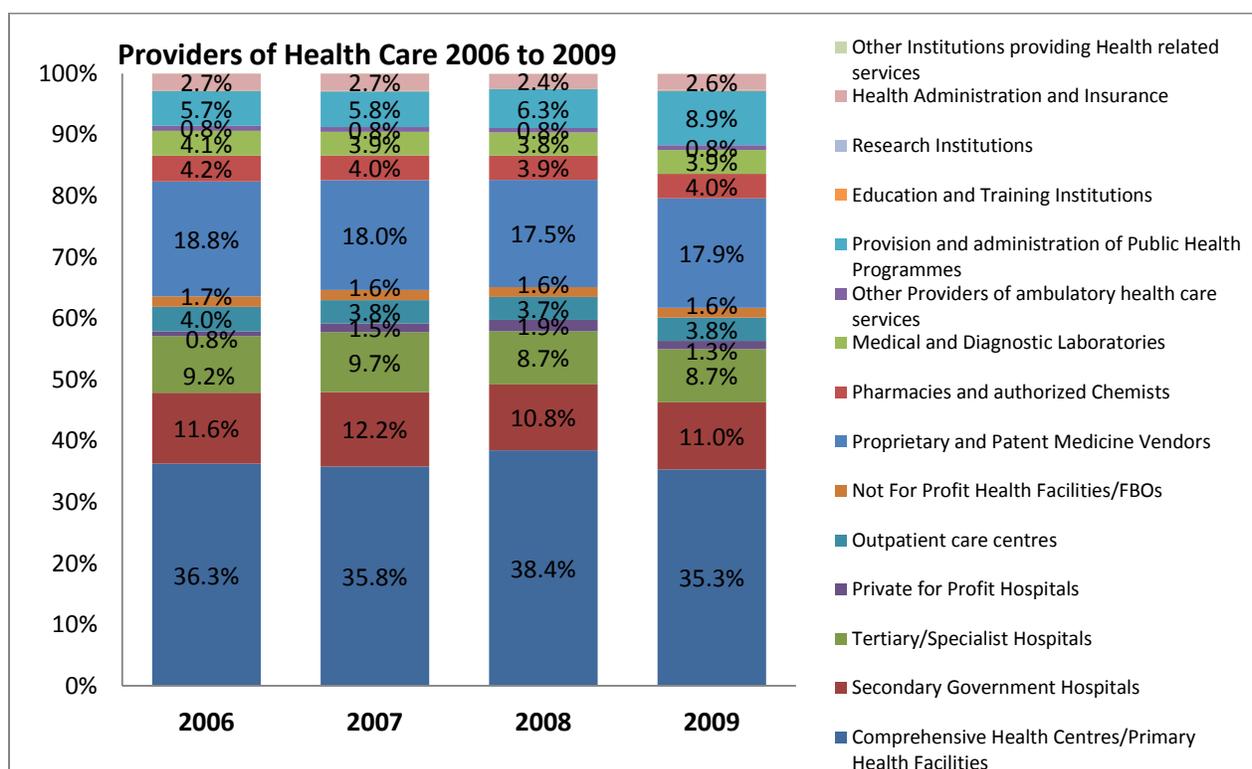
HEALTH PROVIDERS

The Nigerian health sector is broad and comprises of public, private for-profit, nongovernmental organizations (NGOs), community-based organizations (CBOs), faith-based organizations (FBOs), and traditional health care providers.

In the study period 2006 to 2009, the public providers of health care dominated the arena. Comprehensive Health Centres/Primary Health Facilities consumed over 35 percent of the Total Health Expenditures, followed by Proprietary and Patent Medicine Vendors at around 18 percent (this is mostly the providers mostly used by household). Secondary Government Hospitals and Tertiary/Specialist Hospitals ranged between 9 percent and 12 percent over the same period.

Figure below is an illustration of the consumption of health care in the Nigerian health system.

Figure: Breakdown of THE by Providers of Healthcare, 2006, 2007, 2008 and 2009



The following table shows the breakdown of providers of health care in the period 2006 to 2009 and the exact amount that was consumed by each provider category. In addition it displays the percentage change between the period 2006 and 2009.

Table: Absolute value of THE by Providers of Healthcare, 2006, 2007, 2008 and 2009

Providers of Health Care	2006	2007	2008	2009	Percent change
Comprehensive Health Centres/Primary Health Facilities	421,833,619,060.3	463,957,226,107.9	586,673,776,155.9	593,441,737,945.1	40.7%
Secondary Government Hospitals	134,611,907,789.9	157,481,769,528.2	164,576,266,991.5	184,360,510,853.6	37.0%
Tertiary/Specialist Hospitals	107,553,153,486.5	126,137,332,589.6	132,375,123,615.3	145,648,490,564.9	35.4%
Private for Profit Hospitals	9,553,670,921.7	18,801,195,513.6	28,270,601,113.2	22,618,345,897.5	136.8%
Outpatient care Centres	46,427,461,770.8	49,471,401,021.2	56,918,708,701.8	63,830,815,024.9	37.5%
Not For Profit Health Facilities/FBOs	19,723,603,587.5	21,213,812,006.1	24,494,561,121.8	27,212,503,438.6	38.0%
Proprietary and Patent Medicine Vendors	218,281,189,034.0	232,592,431,854.1	267,606,346,326.8	300,103,983,057.0	37.5%
Pharmacies and authorized Chemists	48,929,071,517.2	52,137,024,646.6	59,985,609,002.0	67,270,154,219.7	37.5%
Medical and Diagnostic Laboratories	47,270,865,063.6	50,370,100,647.0	57,952,696,443.3	64,990,368,390.9	37.5%
Other Providers of ambulatory health care services	9,447,491,059.9	10,066,900,085.5	11,582,347,410.2	12,988,886,992.7	37.5%
Provision and administration of Public Health Programmes	65,723,186,042.1	75,278,530,429.5	96,593,436,613.0	149,776,687,591.4	127.9%
Education and Training Institutions	1,253,200,126.0	1,416,730,583.0	1,540,775,970.0	1,680,865,412.0	34.1%
Research Institutions	490,059,129.0	554,007,092.0	602,514,564.0	657,296,007.0	34.1%
Health Administration and Insurance	31,739,133,911.7	35,512,173,997.2	35,932,709,271.3	43,989,692,087.1	38.6%
Other Institutions providing Health related services	171,436,815.7	370,031,844.1	876,566,248.9	868,431,218.3	406.6%
Total Health Expenditures (NGN)	1,163,009,049,316	1,295,360,667,946	1,525,982,039,549	1,679,438,768,701	44.4%

Functions of Health Care: What Services and Products Are Purchased With Health Care Funds?

According to The world health report 2000, a health system includes “all the activities whose primary purpose is to promote, restore or maintain health”.⁷ It involves categorization of the types of goods and services produced by health care providers and by institutions and actors engaged in related activities to health care. The table below shows such health care activities.

Table: Classification of NHA Functions

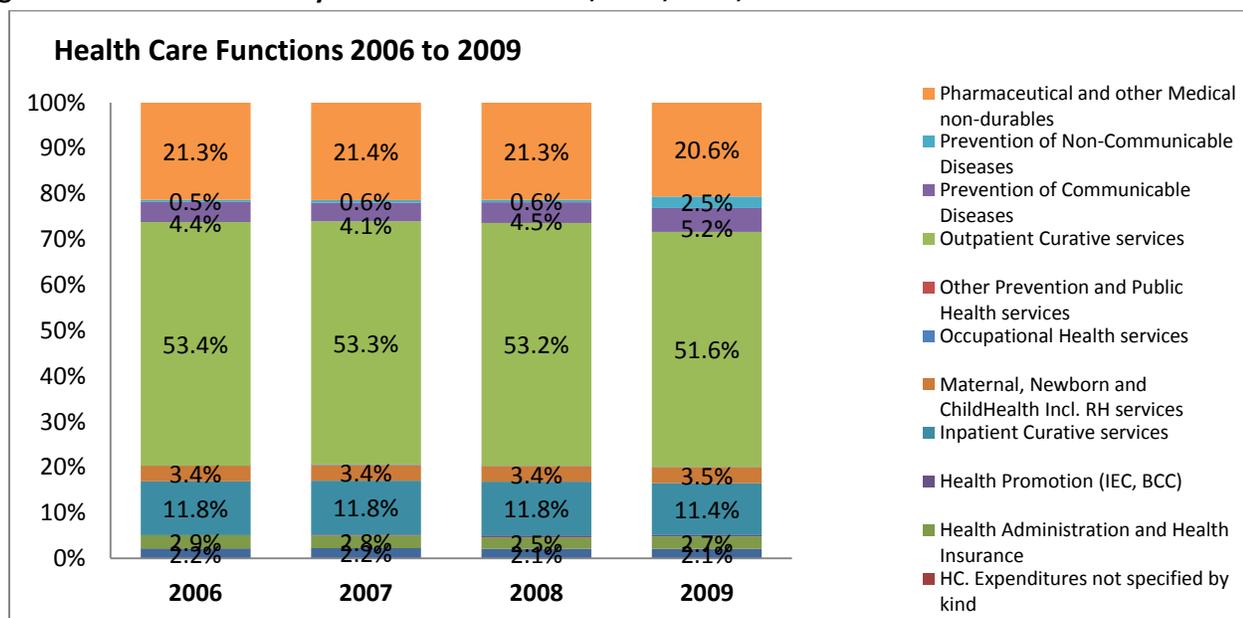
Code	Descriptions
HC.1	Services of curative care
HC.1.1	Inpatient curative care
HC.1.3	Outpatient curative care
HC. 4	Ancillary services to medical care - private
HC.5	Medical goods dispensed to outpatients
HC.5.1	Pharmaceuticals and other medical non-durables
HC.5.1.1	Prescribed medicines
HC.5.1.2	Over-the-counter medicines
HC.5.1.3	Other medical non-durables
HC.5.2	Therapeutic appliances and other medical durables
HC.6	Prevention and public health services
HC.6.1	Maternal, Newborn and Child Health: including sexual reproductive health services
HC.6.2	School health services (Health Education programmes)
HC.6.3	Prevention of Communicable diseases (excluding MNCH related)
HC.6.4	Prevention of non-communicable diseases
HC.6.5	Occupational health care
HC.6.6	Health Promotion (IEC, BCC)
HC.6.9	Others
HC.7	Health administration and health insurance
HC.7.1	General government administration of health
HC.7.1.1	General government administration of health – recurrent
HC.7.1.2	General government administration of health – NHIS related
HC.nsk	HC Expenditure not specified by kind
HC.R.	Health-related functions
HCR.1	Capital formation for health care provider institutions
HCR.2	Education and training of health personnel
HCR.3	Research and development in health
HCR.4	Food, hygiene and drinking water control
HCR.5	Environmental health
HCR. nsk	HC.R Expenditure not specified by kind

⁷ NHA Producers’ guide, 2004

HEALTH CARE FUNCTIONS

Outpatient curative care took the largest portion of THE at 51.6 percent in 2009, a decrease from 53 percent in 2005/06. The proportion of THE spent on Pharmaceuticals and other medical non-durables was in the range of 21 percent, expenditures on inpatient curative services has been on an average of 12 percent between the study period. Figure below shows the distribution of functions purchased by THE in 2006, 2007, 2008 and 2009.

Figure: Breakdown of THE by Healthcare Functions, 2006, 2007, 2008 and 2009



As shown in the table below, the spending in absolute values on Occupational Health services and Health Promotion increased marginally in 2009 over the 2006 level. In the same period, Expenditures in absolute values on Prevention of Non-Communicable Diseases increased by 620 percent between 2006 and 2009.

Table: Absolute value of THE by Healthcare Functions, 2006, 2007, 2008 and 2009

Health Care Functions	2006	2007	2008	2009	Percent change
Outpatient Curative services	621,551,522,221	690,427,861,548	812,281,146,207	866,303,643,658	39.4%
Inpatient Curative services	137,435,267,423	152,856,358,058	179,614,735,502	191,553,080,163	39.4%
Occupational Health care services	40,121,492	1,976,181,944	1,707,473,338	1,001,388,436	2395.9%
Maternal, Newborn and ChildHealth Incl. RH services	39,831,898,349	44,230,408,247	52,180,417,329	58,117,421,487	45.9%
Pharmaceutical and other Medical non-durables	248,169,432,663	276,578,503,487	324,892,231,840	346,172,939,996	39.5%
Health Promotion (IEC, BCC)	21,224,607	2,437,313,327	6,220,118,980	4,310,178,853	
Prevention of Communicable Diseases	50,706,896,840	52,731,103,128	69,061,117,104	88,046,385,349	73.6%
Prevention of Non-Communicable Diseases	5,780,324,829	8,080,304,911	8,963,485,408	42,206,440,167	630.2%
Other Prevention and Public Health services	169,300,242	191,392,281	208,150,110	227,075,401	34.1%
Health Administration and Health Insurance	33,469,853,819	36,473,206,541	38,405,944,721	45,646,455,928	36.4%
Capital Formation for health care provider institutions	25,703,936,994	29,055,671,988	31,622,495,933	35,049,441,722	36.4%
HC. Expenditures not specified by kind	129,269,837	322,362,484	824,723,078	804,317,541	522.2%
Total Health Expenditures (NGN)	1,163,009,049,316	1,295,360,667,946	1,525,982,039,549	1,679,438,768,701	44.4%

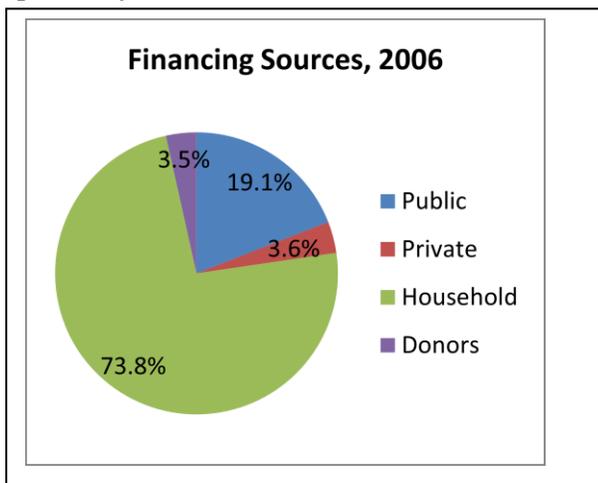
CHAPTER 4: NHA ESTIMATES FOR 2006

The Total health Expenditure (THE) for the financial year 2006 was NGN **1,163,009** Million out of which Household contributed NGN 858,862.8 Million, Public NGN 221,837 Million, Donors NGN 40,483.65 Million and NGN 41,825.5 Million from other private.

THE represented 6.16 percent of the Gross Domestic Product (GDP) while Public expenditures on health as a percent of the Total Government Expenditure (TGE) was at 6.28 percent. In 2006, Per Capita Spending on Health was NGN 8,113.7 (US\$ 64). Out-of-pocket health expenditure constituted 95.4 percent of private expenditure on health and 73.9 percent of total expenditure on health. Public Health expenditure as a percent of total health expenditure was 19 percent while External resources for health were at 3.5 percent in 2006.

Financing Sources

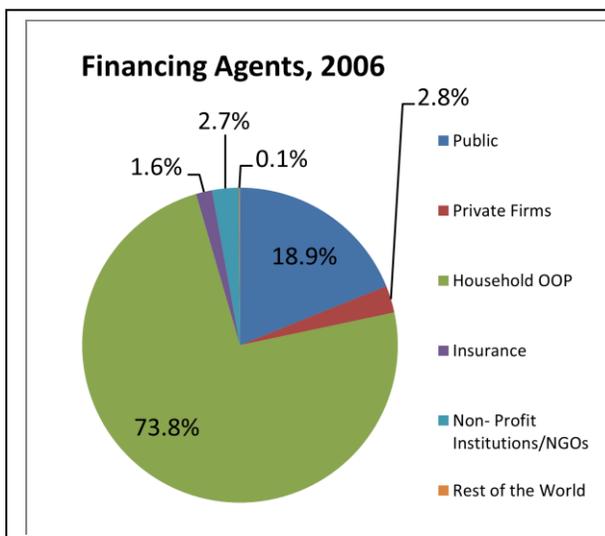
As shown below Household financed most of the health expenditures at 73.8 percent, while the Government financed 19 percent. Donors and other private financed 3.5 percent and 3.6 percent respectively.



ABSOLUTE	2006
Public	221,837,124,781
Private	41,825,520,608
Household	858,862,774,781
Donors	40,483,629,145
THE	1,163,009,049,316

Financing Agents

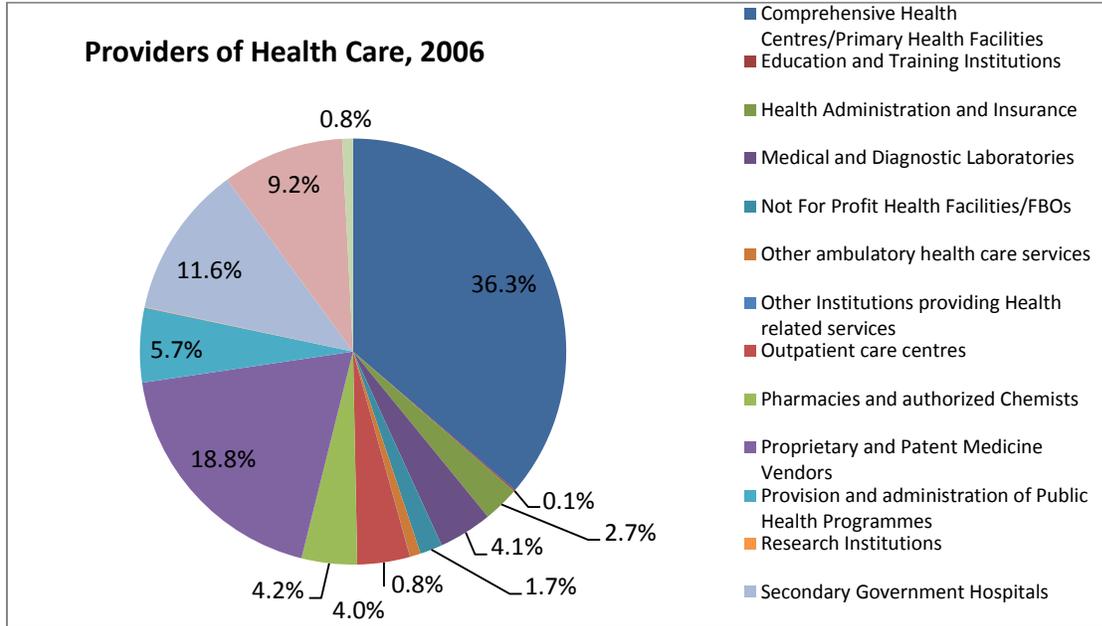
In 2006, most resources were managed by household OOP at 73.8 percent, followed by public at 19 percent. The chart below shows the breakdown.



ABSOLUTE	2006
Public	219,645,545,881
Private Firms	32,273,093,292
Household OOP	858,862,774,781
Insurance	19,097,695,489
Non- Profit Institutions/NGOs	31,899,948,611
Rest of the World	1,229,991,263
THE	1,163,009,049,316

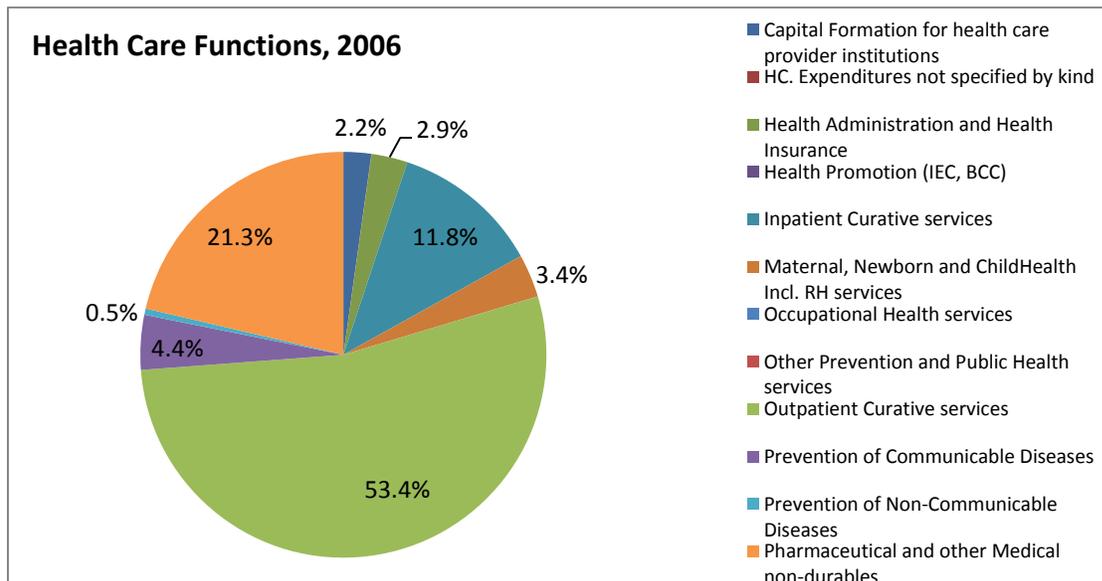
Health Care Providers

Public health facilities utilized 57 percent with Primary Health Facilities at 36.3 percent, Secondary Government Hospitals at 11.6 percent and Tertiary/Specialist Hospitals at 9.2 percent, followed by Proprietary and Patent Medicine Vendors at 18.8percent. Figure below provides a breakdown of providers of THE in 2006.



Health Care Functions

Outpatient curative care took the largest portion of THE, at 53.4 percent in 2006, Pharmaceuticals and other medical non-durables was at 21.3 percent in 2006. Figure below shows the distribution of functions purchased by THE in 2006.

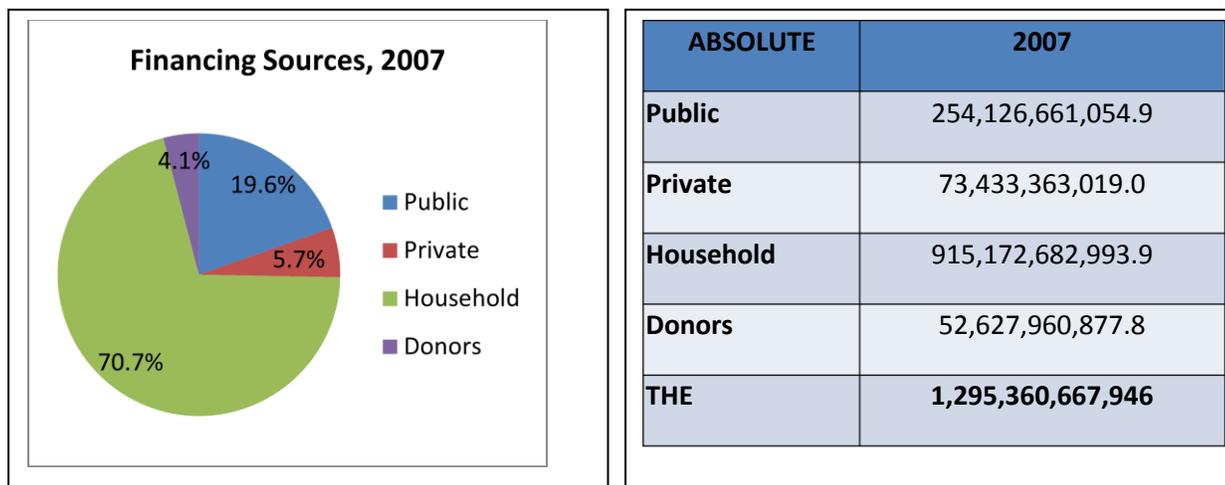


CHAPTER 5: NHA ESTIMATES FOR 2007

Total Health expenditure (THE) was NGN **1,295,361** Million in 2007. THE stood at 6.29 percent, of Gross Domestic Product (GDP). As a percent of Total Government Expenditure (TGE), Public expenditures on health was at 5.69 percent. The Per Capita spending on Health was at NGN 8,814.9 (US\$71.1) in 2007.

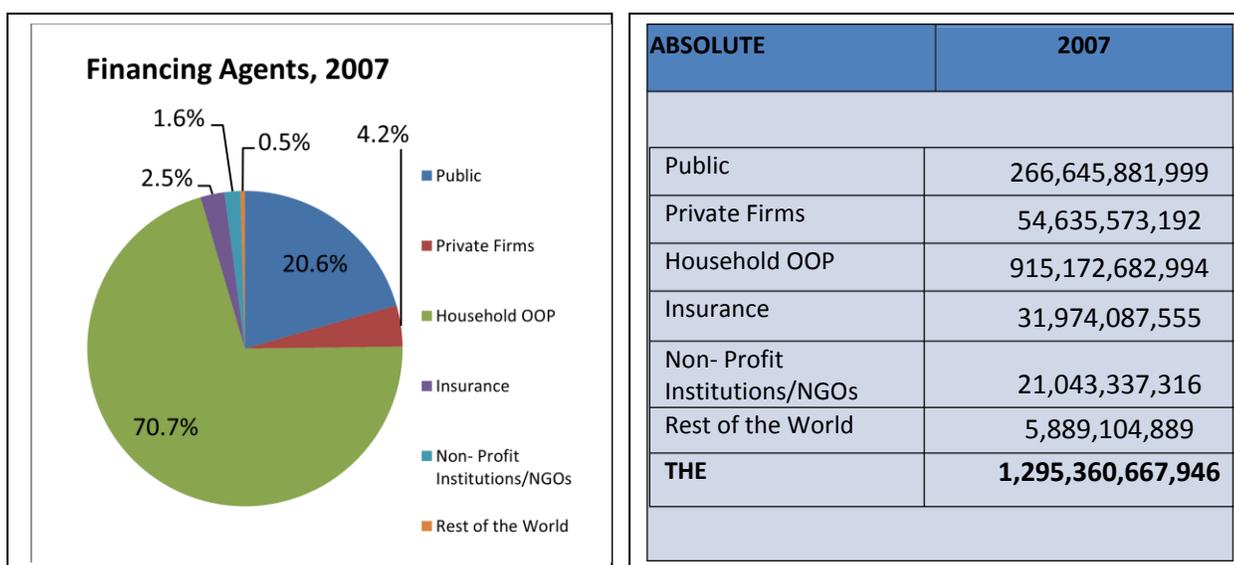
Financing Sources

In 2007, Household contributed 70.7 percent, public 19.6 percent. Donors contributed 4.1 percent while other private 5.7 percent as shown below.



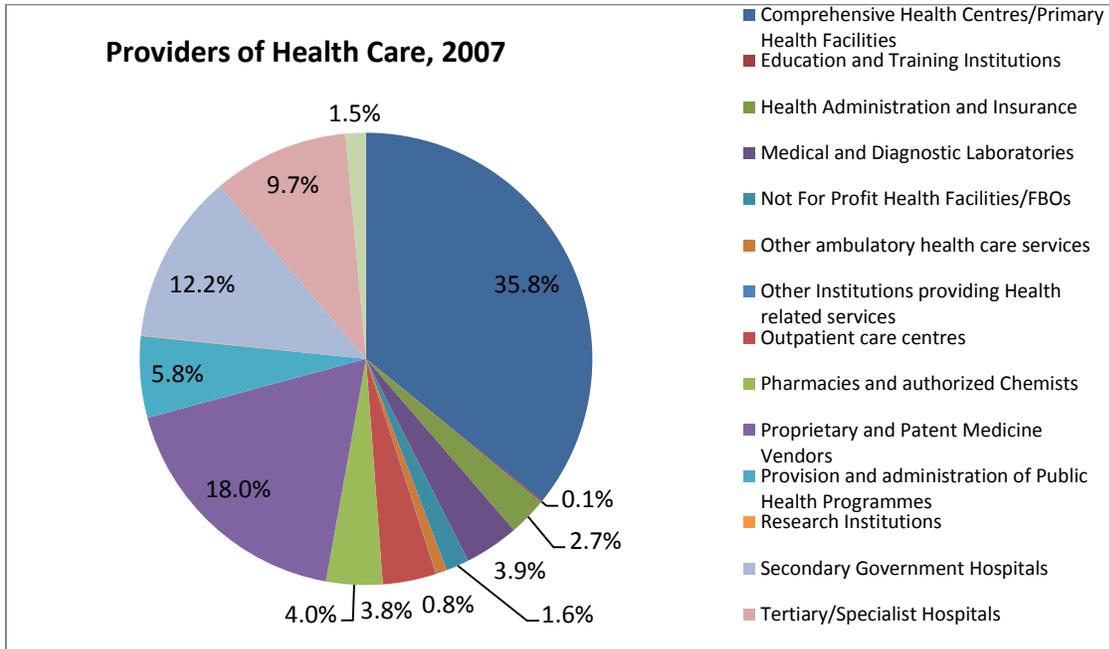
Financing Agents

As shown in the figure below, Household controls the largest share of the total health expenditures at 71 percent, followed by the public at 21 percent. Other players say private firms, insurance firms and non profit institutions managed 4.2 percent, 2.5 percent and 1.6 percent respectively.



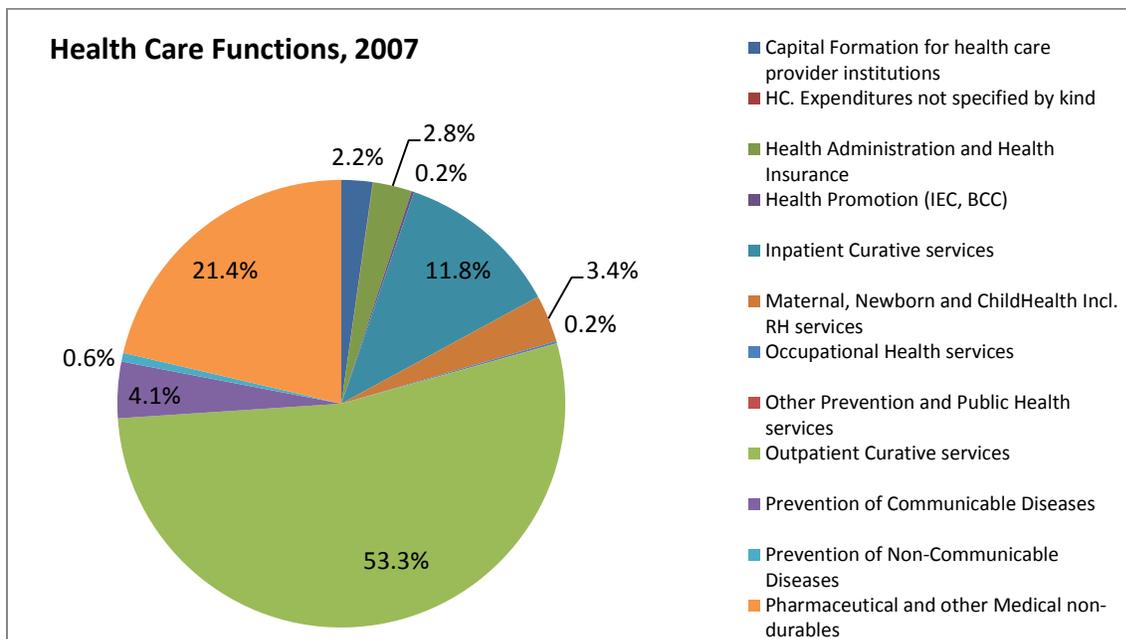
Health Care Providers

In 2007, Primary health facilities were the main providers of health care at 35.8 percent, followed by Proprietary and Patent Medicine vendors at 18 percent. Secondary government hospitals and tertiary government hospitals were at 12.2 percent and 9.7 percent respectively.



Health Care Functions

In 2008, outpatient curative services comprised over 50 percent of all health expenditures. Pharmaceutical and other medical non-durables consumed 21.4 percent, while inpatient curative consumed 11.8 percent in the same period.

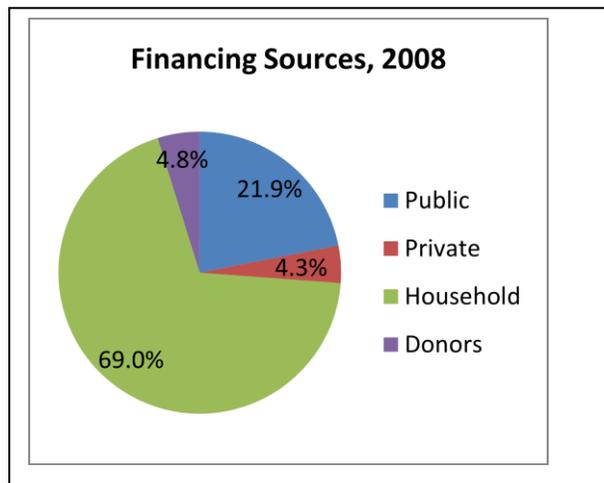


CHAPTER 6: NHA ESTIMATES FOR 2008

Total Health expenditure (THE) was NGN **1,525,982** Million in 2008. THE stood at 6.27 percent of Gross Domestic Product (GDP), in 2008. The Per Capita spending on Health was at NGN 10,128.3 (US\$86.6). Public Health expenditure as a percent of Total Government Expenditure (TGE) was at 5.41 percent.

Financing Sources

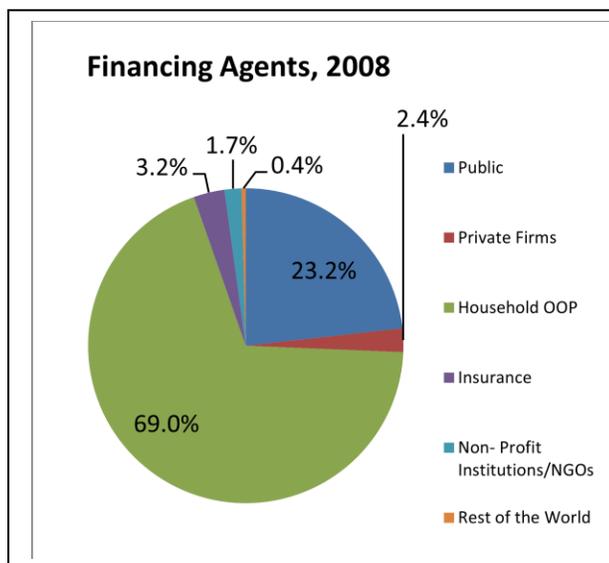
Household continue to contribute the largest share of resources to the Total Health Expenditure. As shown below, in 2008, household financing proportion reduced and contributed 69percent, public 22 percent, donors 4.8 percent and other private 4.3 percent.



ABSOLUTE	2008
Public	334,391,737,418.5
Private	65,226,103,386.6
Household	1,052,940,613,767.2
Donors	73,423,584,976.7
THE	1,525,982,039,549

Financing Agents

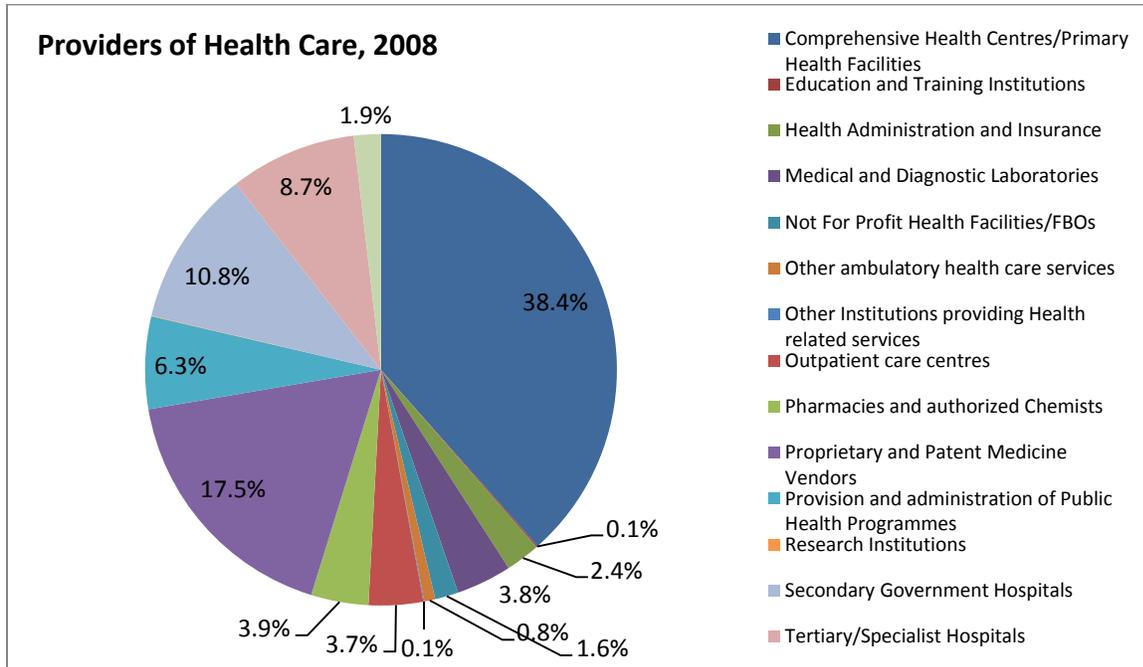
In 2008, household control over health resources reduced from 71 percent in 2007 to 69 percent while public increased from 21 percent to 23 percent.



ABSOLUTE	2008
Public	354,550,866,088
Private Firms	36,966,380,528
Household OOP	1,052,940,613,767
Insurance	48,429,010,982
Non- Profit Institutions/NGOs	26,394,191,442
Rest of the World	6,700,976,743
THE	1,525,982,039,549

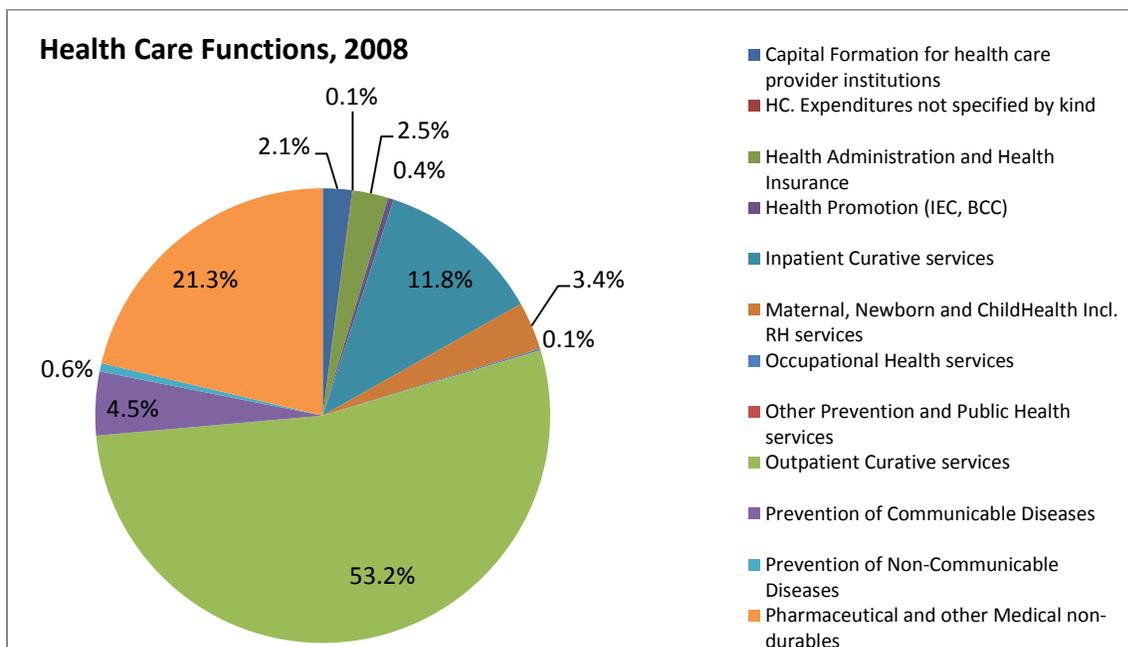
Health Care Providers

Public facilities provided 58 percent of health care (primary health facilities at 38.4 percent, secondary government hospitals at 10.8 percent and tertiary hospitals at 8.7 percent) in 2008. Proprietary and Patent Medicine vendors consumed 17.5 percent.



Health Care Functions

Outpatient curative services consumed 53.2 percent while inpatient curative services 11.8 percent. Other large consumers were pharmaceutical and other medical non-durables at 21.5 percent.

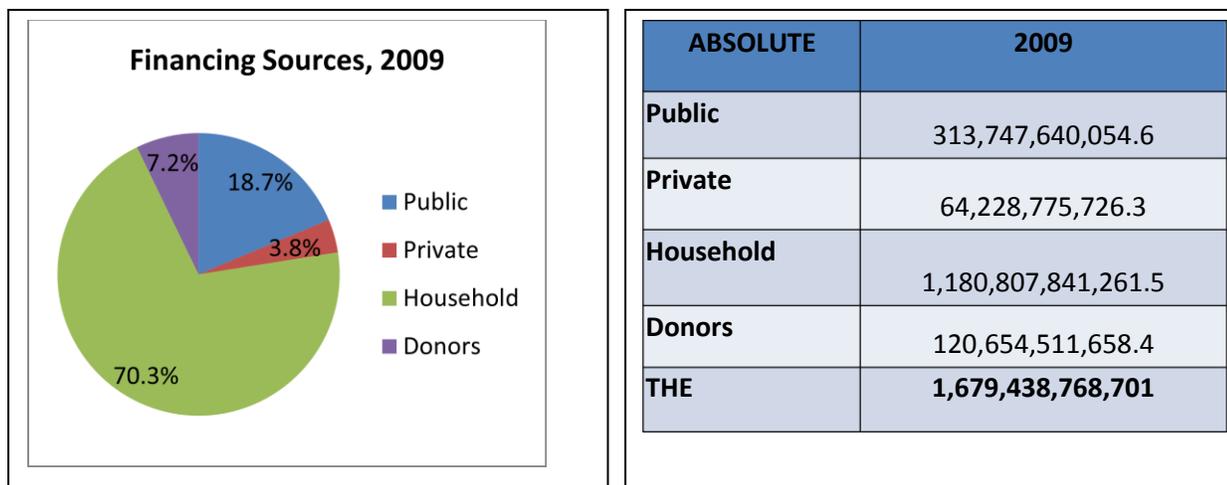


CHAPTER 7: NHA ESTIMATES FOR 2009

Total Health expenditure (THE) was NGN **1,679,439** Million in 2009; this is a 44.4 percentage increase from 2006. THE stood at 6.76 percent of Gross Domestic Product (GDP), in 2009. The Per Capita spending on Health was at NGN 10,871 (US\$74). As a percent of Total Government Expenditure (TGE), public Health expenditure was at 5.18 percent in 2009.

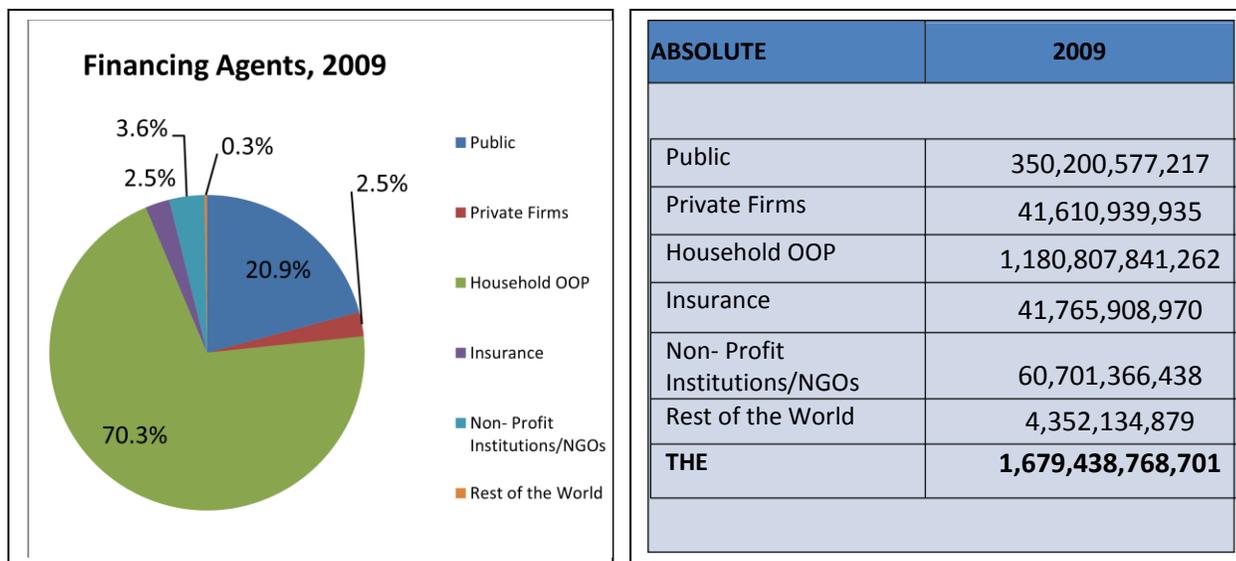
Financing Sources

Private financing was 74.1percent (70.3 percent Household out of pocket and 3.8percent other private). Public and Donor financing stood at 18.7 percent and 7.2 percent respectively.



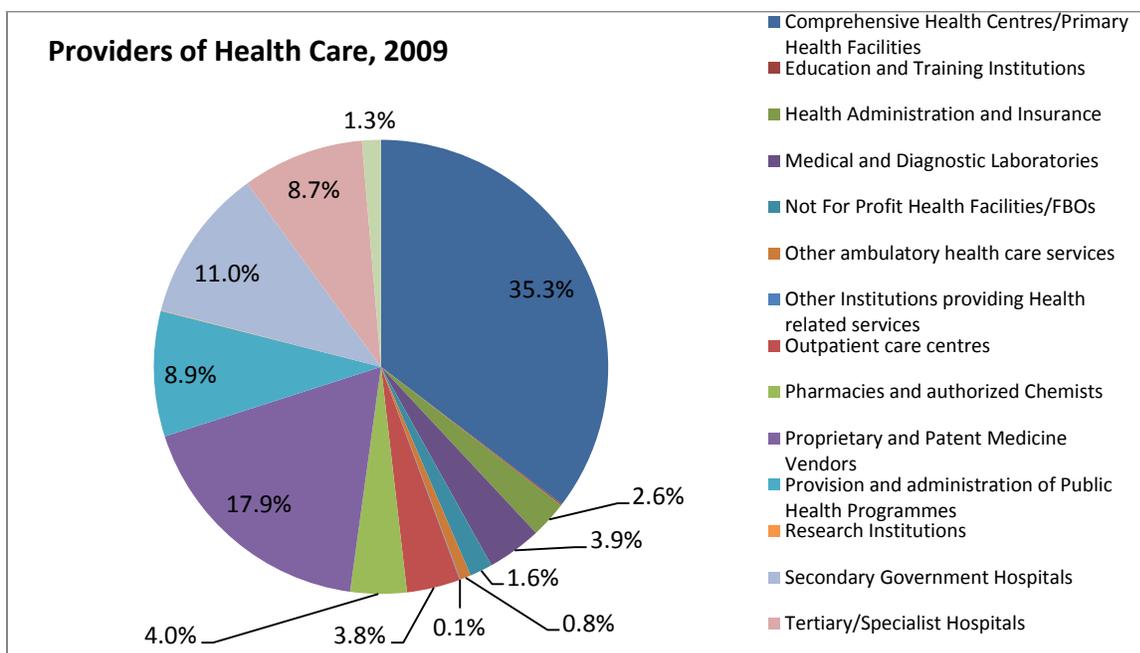
Financing Agents

In 2009, the major financing agents for the health resources were household and public at 70.3 percent and 21 percent respectively. These two controlled almost three quarters of all the resources in the health sector. This has been shown in the figure below.



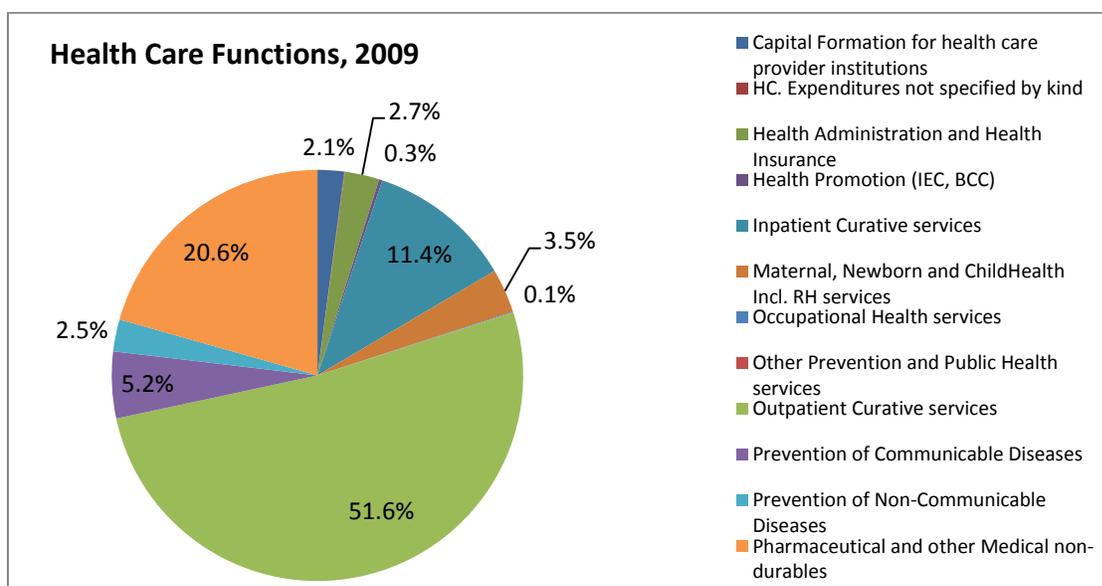
Health Care Providers

In 2009, public providers of health care consumed over 50 percent of all health resources at 35.3 Percent, 11 percent and 8.7 percent for primary health facilities, secondary government hospitals and tertiary hospitals respectively.



Health Care Functions

Curative services consumed the largest share of THE in 2009 with outpatient curative services at 51.6 percent and inpatient curative services at 11.4 percent. Pharmaceutical and other medical non-durables took up 20.6 percent.



CHAPTER 8: REPRODUCTIVE HEALTH SUB ACCOUNT FINDINGS

Introduction

The fertility level in Nigeria is quite high (total fertility rate; TFR is 5.7) (NDHS 2008). Low level of family planning utilization is a major factor in the fertility pattern and population growth rate in Nigeria. According to the NDHS, the contraceptive prevalence rate for Nigeria was 14.62 percent for any method and 9.7 percent for modern methods in 2008. There has been a corresponding increase in the use of modern contraceptive methods, from 4 percent in 1990 and 8 percent in 2003 to 10 percent in 2008.

Nigeria has high Maternal Mortality Ratio. According to 2008 NDHS the estimated maternal mortality ratio during the seven year period prior to the survey is 545 maternal deaths per 100,000 live births. This can be attributed to the fact that almost two-thirds (62 percent) of births occurs at home; nine percent of births assisted by a doctor, 25 percent by a nurse or midwife, 5 percent by an auxiliary nurse or midwife, and 22 percent by a traditional birth attendant while nineteen percent of births were assisted by a relative and 19 percent of births had no assistance at all. Also, Thirty-six percent of mothers do not receive any antenatal care.

Summary Statistics for the Reproductive Health Expenditures

The total health expenditure for reproductive health (THE_{RH}) increased from NGN 174, 451 Million in 2006 to NGN 251, 916 Million in 2009. This was a 44.4 percent increase. Household Out-of-pocket health expenditure on RH (% of THERH) ranged between 69 percent and 74 percent in the NHA period.

THERH Per Capita Spending on Health was NGN 4,990 (US\$ 39.33) in 2006, NGN 5,385 (US\$ 43.47) in 2007, NGN 6,147 (US\$ 52.58) in 2008 and NGN 6,556 (US\$ 44.66) in 2009. As a percent of GDP, THERH was in the range of 0.9 percent and 1.0 percent in the study period.

The table that follows summarizes the Reproductive Health (RH) expenditures for the period 2006 to 2009 in Nigeria.

Table: Summary Statistics for the Reproductive Health Expenditures

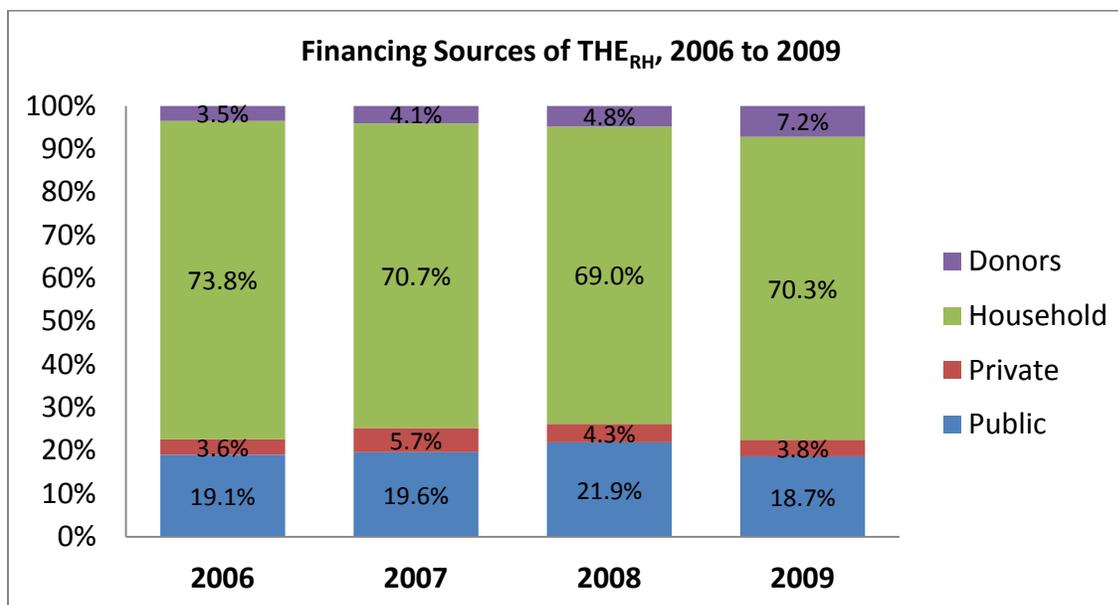
Indicator	2006	2007	2008	2009
GDP at Current Prices (NGN Millions)	18,868,694	20,605,601	24,333,761	24,859,731
Total Government Expenditures (NGN Millions)	3,530,302	4,464,670	6,186,062	6,057,772
Total Health Expenditure on RH (THE _{RH}) (NGN Millions)	174,451	194,304	228,897	251,916
THE _{RH} PUBLIC (NGN Millions)	33,276	38,119	50,159	47,062
THE _{RH} DONORS (NGN Millions)	6,073	7,894	11,014	18,098
THE _{RH} PRIVATE SOURCES (NGN Millions)	135,103	148,291	167,725	186,755
HOUSEHOLD (NGN Millions)	128,829	137,276	157,941	177,121
PRIVATE (NGN Millions)	6,274	11,015	9,784	9,634
Population of WRA	34,961,107	36,079,862	37,234,418	38,425,919
THE _{RH} Per Capita Spending on Health (NGN)	4,990	5,385	6,147	6,556
THE _{RH} Per Capita Spending on Health (US\$)	39.33	43.47	52.58	44.66
Health expenditure, Public (% of government expenditure)	0.9%	0.9%	0.8%	0.8%
THE _{RH} Public (% of total health expenditure RH)	19.1%	19.6%	21.9%	18.7%
THE _{RH} Private (% of total health expenditure RH)	3.6%	5.7%	4.3%	3.8%
Out-of-pocket health expenditure on RH (% of private expenditure on health - RH)	95.4%	92.6%	94.2%	94.8%
Out-of-pocket health expenditure on RH (% of THE _{RH})	73.8%	70.7%	69.0%	70.3%
External resources for Reproductive health (% of THE _{RH})	3.5%	4.1%	4.8%	7.2%
External resources for Reproductive health (% of GDP)	0.0%	0.0%	0.0%	0.1%
THE _{RH} as a % of GDP	0.9%	0.9%	0.9%	1.0%
THE _{RH} Private Incl. HH(% of GDP)	0.72%	0.72%	0.69%	0.75%
THE _{RH} Household (% of GDP)	0.68%	0.67%	0.65%	0.71%
THE _{RH} Public (% of GDP)	0.2%	0.2%	0.2%	0.2%

FINANCING SOURCES

Household out of Pocket (HH-OOP) was the major contributor of THE_{RH} accounting for over 70 percent followed by the Public sector with an average of 19 percent. Private sources and development partners combined, contributed below 15 percent of THE_{RH}.

The chart below displays the funding sources for Reproductive Health in the Federal Republic of Nigeria.

Figure: Breakdown of THE_{RH} by Financing Sources, 2006, 2007, 2008 and 2009



The table below shows the financing sources of the Total Health expenditure for Nigeria for the period 2006 to 2009. The Total Health Expenditure for Reproductive Health (THE_{RH}) increased by 44.4 percent from NGN **174,451** Million in 2006 to NGN **251,916** Million in 2009.

Table: Absolute value of THE_{RH} by Financing Source, 2006, 2007, 2008 and 2009

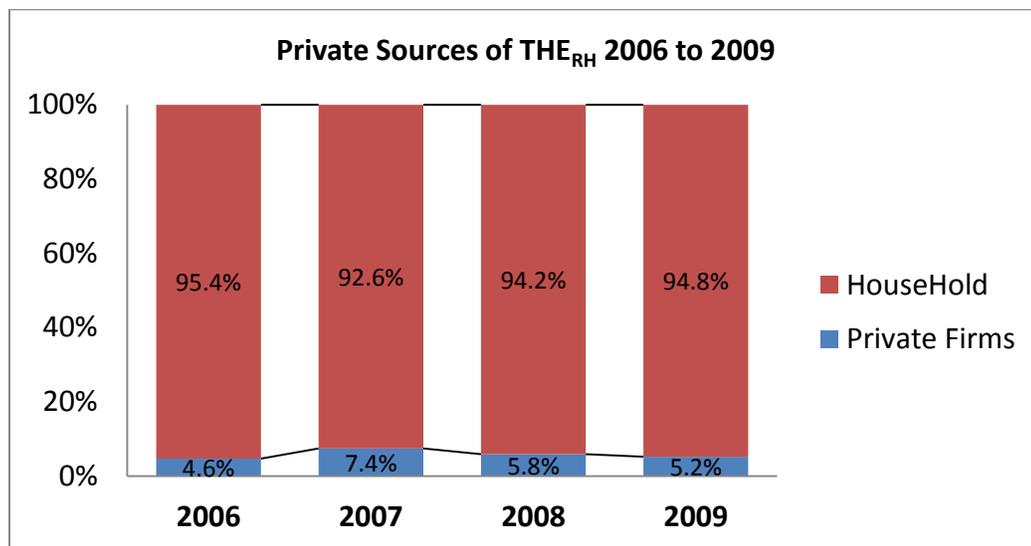
Description		2006	2007	2008	2009
FINANCING SOURCES	Public	33,275,568,717	38,118,999,158	50,158,760,613	47,062,146,008
	Donors	6,072,544,372	7,894,194,132	11,013,537,746	18,098,176,749
	Private	6,273,828,091	11,015,004,453	9,783,915,508	9,634,316,359
	Household	128,829,416,217	137,275,902,449	157,941,092,065	177,121,176,189
Total Health Expenditures on Reproductive Health		174,451,357,397	194,304,100,192	228,897,305,932	251,915,815,305

PRIVATE SOURCES

In the period 2006 to 2009, Household out of Pocket (HH-OOP) financed between 69 percent and 73 percent of the total health expenditures for reproductive health and 93percent to 95 percent of all private expenditures for health. As a percentage of GDP, HH-OOP was contribution was about 1

percent. The figure below shows the composition of private health expenditures for reproductive health by the two sources.

Figure: Breakdown of THE by Private Financing Sources, 2006, 2007, 2008 and 2009



DONOR FINANCING

Financing for reproductive health from development Partners was in the range between 3.5percent and 7.2 percent in the study period 2006 to 2009. Donor financing for reproductive health as a percentage of GDP, stood below 1 percent.

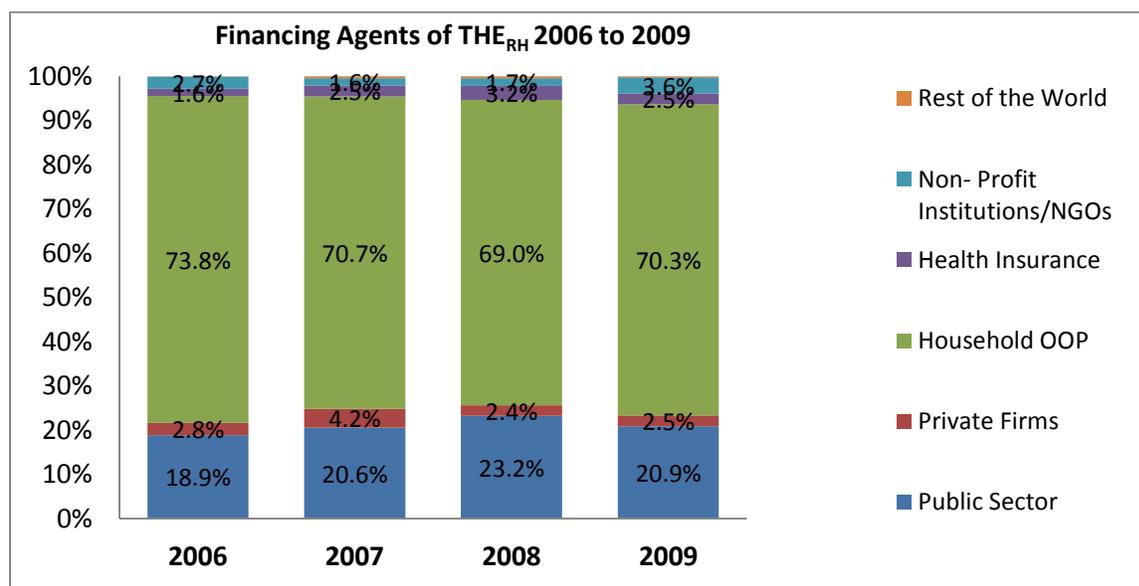
Financing Agents: Who Manages Reproductive Health Funds?

For Nigeria we identify three broad categories of financing agents: public sector, non-public sector, and the rest of the world.

FINANCING AGENTS

Household manages the largest share of the Total Health Expenditures at over 70 percent in the study period. Public agents (i.e. Federal Ministry of Health and others; State Ministry of Health and Local Governments Health Departments) have managed between 19 percent and 23 percent of the THE_{RH} in the period. This has been shown in figure below.

Figure: Breakdown of THE by Financing Agents, 2006, 2007, 2008 and 2009



The following table is an illustration of the breakdown of managers of health funds in absolute values over the period 2006 to 2009.

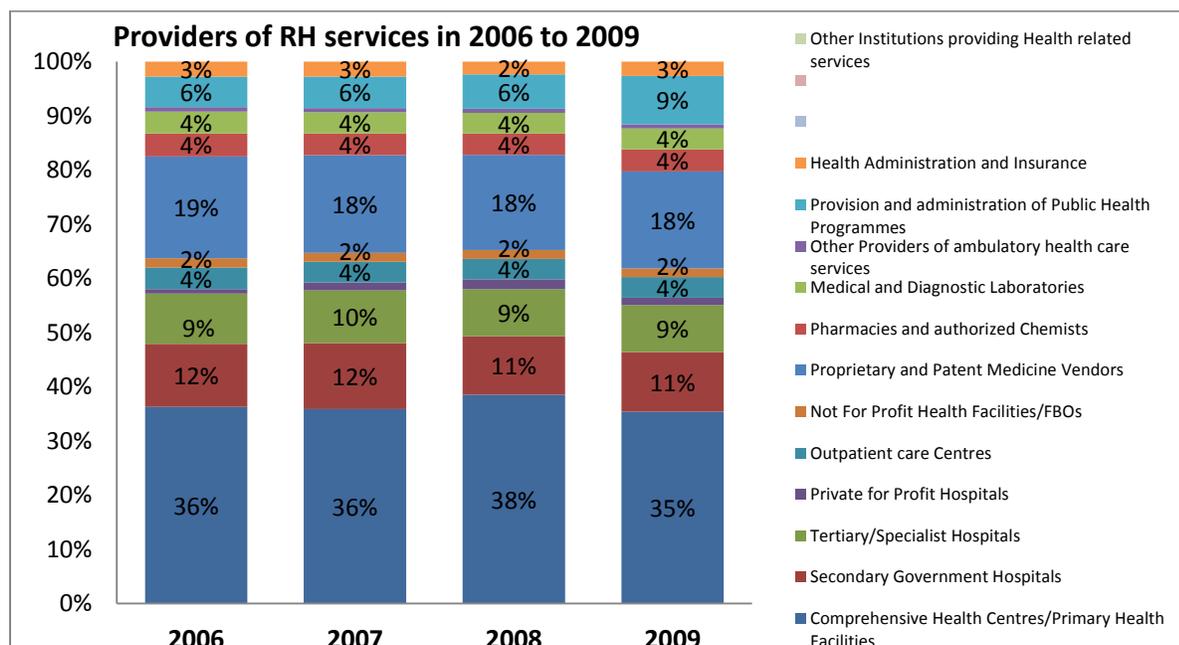
Table: Absolute value of THE_{RH} by Financing Agents, 2006, 2007, 2008 and 2009

Description		2006	2007	2008	2009
FINANCING AGENTS	Federal Government	19,140,884,886	21,304,258,081	22,915,507,882	26,753,897,767
	Local Govt. Health Departments	13,295,472,617	16,960,822,768	27,552,302,435	22,035,698,049
	State Government	510,474,379	1,731,801,450	2,714,819,596	3,740,490,767
	Rest of the World	184,498,689	883,365,733	1,005,146,511	652,820,232
	Non- Profit Institutions/NGOs	4,784,992,292	3,156,500,597	3,959,128,716	9,105,204,966
	Health Insurance	2,864,654,323	4,796,113,133	7,264,351,647	6,264,886,345
	Private Firms	4,840,963,994	8,195,335,979	5,544,957,079	6,241,640,990
	Household OOP	128,829,416,217	137,275,902,449	157,941,092,065	177,121,176,189
Total Health Expenditures on Reproductive Health (NGN)		174,451,357,397	194,304,100,192	228,897,305,932	251,915,815,305

Providers of Health Care: Who Uses Health Funds to Deliver Reproductive Health Care?

In the study period 2006 to 2009, Public owned Health Facilities consumed over half of the Total Health Expenditures for Reproductive health, followed by Proprietary and Patent Medicine Vendors at around 18 percent.

Figure: Breakdown of THE_{RH} by Providers of Healthcare, 2006, 2007, 2008 and 2009



The following table shows the breakdown of providers of health care in the period 2006 to 2009 and the exact amount that was consumed by each provider category.

Table: Absolute value of THE_{RH} by Providers of Healthcare, 2006, 2007, 2008 and 2009

Description		2006	2007	2008	2009
PROVIDERS OF HEALTH CARE	Comprehensive Health Centres/Primary Health Facilities	63,275,042,859	69,593,583,916	88,001,066,423	89,016,260,692
	Secondary Government Hospitals	20,191,786,168	23,622,265,429	24,686,440,049	27,654,076,628
	Tertiary/Specialist Hospitals	16,132,973,023	18,920,599,888	19,856,268,542	21,847,273,585
	Private for Profit Hospitals	1,433,050,638	2,820,179,327	4,240,590,167	3,392,751,885
	Outpatient care Centres	6,964,119,266	7,420,710,153	8,537,806,305	9,574,622,254
	Not For Profit Health Facilities/FBOs	2,958,540,538	3,182,071,801	3,674,184,168	4,081,875,516
	Proprietary and Patent Medicine Vendors	32,742,178,355	34,888,864,778	40,140,951,949	45,015,597,459
	Pharmacies and authorized Chemists	7,339,360,728	7,820,553,697	8,997,841,350	10,090,523,133
	Medical and Diagnostic Laboratories	7,090,629,760	7,555,515,097	8,692,904,466	9,748,555,259
	Other Providers of ambulatory health care services	1,417,123,659	1,510,035,013	1,737,352,112	1,948,333,049
	Provision and administration of Public Health Programmes	9,858,477,906	11,291,779,564	14,489,015,492	22,466,503,139
	Education and Training Institutions	187,980,019	212,509,587	231,116,396	252,129,812
	Research Institutions	73,508,869	83,101,064	90,377,185	98,594,401
	Health Administration and Insurance	4,760,870,087	5,326,826,100	5,389,906,391	6,598,453,813
	Other Institutions providing Health related services	25,715,522	55,504,777	131,484,937	130,264,683
Total Health Expenditures on Reproductive Health (NGN)		174,451,357,397	194,304,100,192	228,897,305,932	251,915,815,305

Functions of Health Care: What Reproductive Health Services and Products Are Purchased With Health Care Funds?

Health system includes “all the activities whose primary purpose is to promote, restore or maintain health”.⁸ It involves categorization of the types of goods and services produced by health care providers and by institutions and actors engaged in related activities to health care. The table below shows health care activities for reproductive health.

Functional Classifications for Reproductive Health Goods and Services

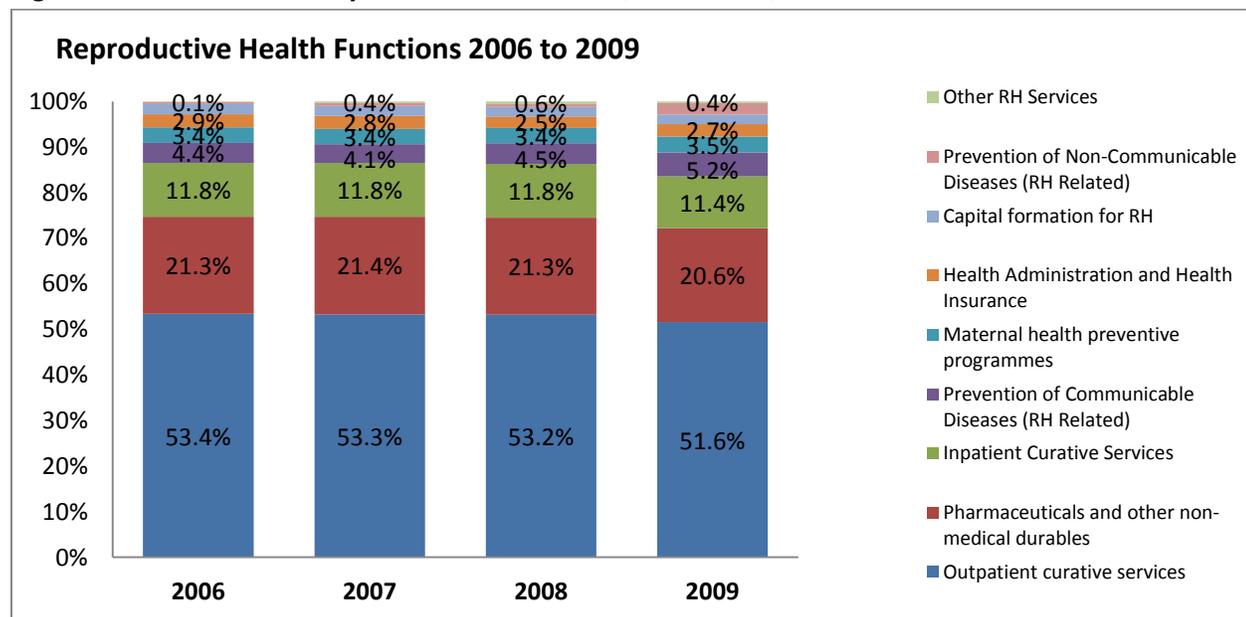
ICHA Code	Description
HC.1	Services of Curative Care
HC 1.1	Inpatient curative care
<i>HC 1.1.1</i>	<i>Maternal Health Services</i>
HC 1.1.1.1	Obstetrics services (for complicated) deliveries and emergencies
HC 1.1.1.2	Ancillary services - Maternal health related tests (pregnancy, blood, urine tests, ultrasound scan)
HC 1.1.1.3	Pharmaceuticals
HC 1.1.1.4	Other maternal health services
<i>HC.1.1.2</i>	<i>Family Planning Services</i>
<i>HC1.1.3</i>	<i>Other Reproductive Health Services</i>
HC 1.1.3.1	RTIs diagnosis and treatment
HC.1.1.3.2	RH related cancers diagnosis and treatment
HC1.1.3.4	Pharmaceuticals
HC 1.1.3.5	Other Ancillary services
HC 1.3	Outpatient Curative Care
HC1.3.1	Maternal health services
HC 1.3.1.1	Antenatal care
HC 1.3.1.2	Post natal care
HC 1.3.2	Family Planning services
HC 1.3.2.1	Family planning counseling, method application and follow up
HC 1.3.2.2	Infertility treatment
HC 1.3.3	Other Reproductive Health services
HC 1.3.3.1	STI diagnosis and treatment
HC 1.3.3.2	RTI diagnosis and treatment
HC 1.3.3.3	RH related cancers diagnosis and treatment
HC 1.3.3.4	Other
HC 1.4	Services of curative home care
HC 1.4.1	Maternal health services (i.e Birth attendance at home)
HC 4	Ancillary services to medical care - Maternal health related tests (pregnancy, blood, urine tests, ultrasound scan)
HC 5	Medical goods dispensed to outpatients
HC 5.1	Pharmaceuticals and other non-medical durables
HC 5.1.1	Prescribed medicines

⁸ NHA Producers' guide, 2004

ICHA Code	Description
HC 5.1.1.1	Maternal Health Medicines (antibacterial, analgesics, anti-anemia, anti-malarias - IPTs)
HC 5.1.1.2	Family planning commodities (oral, hormonal, male and female condoms, etc)
HC 5.1.1.3	Reproductive health commodities (antibacterials, analgesics, anti-anemia)
HC 5.1.2	Over-the-counter medicines
HC 5.1.2.1	Maternal Health Medicines (antibacterials, analgesics, anti-anemia)
HC 5.1.2.2	Family planning commodities (oral, hormonal, male and female condoms, etc)
HC 5.1.2.3	Reproductive health commodities (antibacterials, analgesics, anti-anemia)
HC 5.1.3	Other medical non-durables
HC 5.1.3.1	Maternal health commodities (safe delivery kits, dietary supplements during pregnancy – folic acid, iron, ITNs, etc)
HC 5.1.3.2	Family planning commodities (pregnancy test kits, condoms, IUDs, diaphragm)
HC 6	Prevention and Public Health services
HC 6.1	Maternal and Child health: family planning and counseling
HC 6.1.1	Maternal health preventive programmes
HC 6.1.1.1	PMTCT for pregnant women
HC 6.1.1.2	Others
HC 6.1.2	Family planning programmes
HC 6.2	School Health services
HC 6.2.1	Family life health education (FLHE) programmes
HC 6.3	Prevention of other communicable diseases (RH related)
HC 6.4	Prevention of non-communicable diseases (RH related)
HC 6.6	Health care promotion (RH related)
HC 6.9	Others
HC nsk	Health expenditure not specified by kind
HC.R	Health care related functions
HC.R.1	Capital formation
HC.R.2	Education and training of health personnel
HC.R.3	Research and Development in health
	Addendum functions
AD.1	Policy advocacy for reproductive health

In the period 2006 to 2009, outpatient curative services for reproductive health comprised the largest share of the THE_{RH} at an average of 52 percent followed by pharmaceuticals and other non-medical durables at 21 percent. Inpatient curative health services were just above 11 percent in the same period. The figure below shows the breakdown of THE_{RH} by reproductive health functions.

Figure: Breakdown of THE by Healthcare Functions, 2006, 2007, 2008 and 2009



The table below shows the distribution of the total health expenditure for reproductive health ($THERH$) in absolute numbers for the period 2006 to 2009 by reproductive health functions.

Table: Absolute value of THE_{RH} by Health Care Functions, 2006, 2007, 2008 and 2009

Description		2006	2007	2008	2009
HEALTH CARE FUNCTIONS	Outpatient curative services	93,232,728,333	103,564,179,232	121,842,171,931	129,945,546,549
	Inpatient Curative Services	20,615,290,113	22,928,453,709	26,942,210,325	28,732,962,025
	Pharmaceuticals and other non-medical durables	37,225,414,899	41,486,775,523	48,733,834,776	51,925,940,999
	Maternal health preventive programmes	5,974,784,752	6,634,561,237	7,827,062,599	8,717,613,223
	Health care promotion (RH related)	3,183,691	365,596,999	933,017,847	646,526,828
	Prevention of Communicable Diseases (RH Related)	7,606,034,526	7,909,665,469	10,359,167,566	13,206,957,802
	Prevention of Non-Communicable Diseases (RH Related)	867,048,724	1,212,045,737	1,344,522,811	6,330,966,025
	Prevention and Public Health services	31,413,260	325,136,134	287,343,517	184,269,575
	Health Administration and Health Insurance	5,020,478,073	5,470,980,981	5,760,891,708	6,846,968,389
	Capital formation for RH	3,855,590,549	4,358,350,798	4,743,374,390	5,257,416,258
Other RH Services not specified by kind	19,390,476	48,354,373	123,708,462	120,647,631	
Total Health Expenditures on Reproductive Health (NGN)		174,451,357,397	194,304,100,192	228,897,305,932	251,915,815,305

Summary Table for the Total Health Expenditures on Reproductive Health (THE_{RH})

Description		2006	2007	2008	2009
FINANCING SOURCES	Public	33,275,568,717	38,118,999,158	50,158,760,613	47,062,146,008
	Donors	6,072,544,372	7,894,194,132	11,013,537,746	18,098,176,749
	Private	6,273,828,091	11,015,004,453	9,783,915,508	9,634,316,359
	Household	128,829,416,217	137,275,902,449	157,941,092,065	177,121,176,189
FINANCING AGENTS	Federal Government	19,140,884,886	21,304,258,081	22,915,507,882	26,753,897,767
	Local Govt. Health Depts	13,295,472,617	16,960,822,768	27,552,302,435	22,035,698,049
	State Government	510,474,379	1,731,801,450	2,714,819,596	3,740,490,767
	Rest of the World	184,498,689	883,365,733	1,005,146,511	652,820,232
	Non- Profit Institutions/NGOs	4,784,992,292	3,156,500,597	3,959,128,716	9,105,204,966
	Insurance	2,864,654,323	4,796,113,133	7,264,351,647	6,264,886,345
	Private Firms	4,840,963,994	8,195,335,979	5,544,957,079	6,241,640,990
	Household OOP	128,829,416,217	137,275,902,449	157,941,092,065	177,121,176,189
PROVIDERS OF HEALTH CARE	Comprehensive Health Centres/Primary Health Facilities	63,275,042,859	69,593,583,916	88,001,066,423	89,016,260,692
	Secondary Government Hospitals	20,191,786,168	23,622,265,429	24,686,440,049	27,654,076,628
	Tertiary/Specialist Hospitals	16,132,973,023	18,920,599,888	19,856,268,542	21,847,273,585
	Private for Profit Hospitals	1,433,050,638	2,820,179,327	4,240,590,167	3,392,751,885
	Outpatient care Centres	6,964,119,266	7,420,710,153	8,537,806,305	9,574,622,254
	Not For Profit Health Facilities/FBOs	2,958,540,538	3,182,071,801	3,674,184,168	4,081,875,516
	Proprietary and Patent Medicine Vendors	32,742,178,355	34,888,864,778	40,140,951,949	45,015,597,459
	Pharmacies and authorized Chemists	7,339,360,728	7,820,553,697	8,997,841,350	10,090,523,133
	Medical and Diagnostic Laboratories	7,090,629,760	7,555,515,097	8,692,904,466	9,748,555,259
	Other Providers of ambulatory health care services	1,417,123,659	1,510,035,013	1,737,352,112	1,948,333,049
	Provision and administration of Public Health Programmes	9,858,477,906	11,291,779,564	14,489,015,492	22,466,503,139
	Education and Training Institutions	187,980,019	212,509,587	231,116,396	252,129,812
	Research Institutions	73,508,869	83,101,064	90,377,185	98,594,401
	Health Administration and Insurance	4,760,870,087	5,326,826,100	5,389,906,391	6,598,453,813
	Other Institutions providing Health related services	25,715,522	55,504,777	131,484,937	130,264,683
	HEALTH CARE FUNCTIONS	Outpatient curative services	93,232,728,333	103,564,179,232	121,842,171,931
Inpatient Curative Services		20,615,290,113	22,928,453,709	26,942,210,325	28,732,962,025
Pharmaceuticals and other non-medical durables		37,225,414,899	41,486,775,523	48,733,834,776	51,925,940,999
Maternal health preventive programmes		5,974,784,752	6,634,561,237	7,827,062,599	8,717,613,223
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Prevention of Communicable Diseases (RH Related)		7,606,034,526	7,909,665,469	10,359,167,566	13,206,957,802
Prevention of Non-Communicable Diseases (RH Related)		867,048,724	1,212,045,737	1,344,522,811	6,330,966,025
Prevention and Public Health services		31,413,260	325,136,134	287,343,517	184,269,575
Health Administration and Health Insurance		5,020,478,073	5,470,980,981	5,760,891,708	6,846,968,389
Capital formation for RH		3,855,590,549	4,358,350,798	4,743,374,390	5,257,416,258
Other RH Services not specified by kind		19,390,476	48,354,373	123,708,462	120,647,631
Total Health Expenditures for Reproductive Health (NGN)		174,451,357,397	194,304,100,192	228,897,305,932	251,915,815,305

CHAPTER 9: CHILD HEALTH SUB ACCOUNT FINDINGS

Introduction

In the Federal Republic of Nigeria, Children who are less than five (U 5) years of age accounts for about 16 percent of the total population⁹. Data from the 2008 NDHS indicate that the infant mortality rate is 75 deaths per 1,000 live births, while the under-five mortality rate is 157 per 1,000 live births for the five-year period immediately preceding the survey. The neonatal mortality rate is 40 per 1,000 births.

Overall, 41 percent of Nigerian children are stunted (short for their age), 14 percent are wasted (thin for their height), and 23 percent are underweight. A small proportion of babies (13 percent) are exclusively breastfed throughout the first six months of life.

Summary Statistics for the Child Health Expenditures

In the NHA period 2006 to 2009, the Total Health Expenditure on CH (THE_{CH}) was NGN Millions 289,589, NGN Millions 322,545, NGN Millions 379,970 and NGN 418,180 respectively. THE_{CH} comprised of Public sources, Donors, Private firms and household out of pocket expenditure. The Per Capita Spending on Child Health was NGN 12,817 (US\$ 101) in 2006, NGN 13,832 (US\$ 112) in 2007, NGN 15,790 (US\$ 135) in 2008 and NGN 16, 839 (US\$ 115) in 2009. As a percentage of the Total Health Expenditure (THE), Total Health Expenditure on CH (THE_{CH}) as % of was 25 percent.

Table: Summary Statistics for the Child Health Expenditures

Indicator	2006	2007	2008	2009
GDP at Current Prices (NGN Millions)	18,868,694	20,605,601	24,333,761	24,859,731
Total Government Expenditures (NGN Millions)	3,530,302	4,464,670	6,186,062	6,057,772
Total Health Expenditure on CH (THE _{CH}) (NGN Millions)	289,589	322,545	379,970	418,180
THE _{CH} , PUBLIC (NGN Millions)	55,237	63,278	83,264	78,123
THE _{CH} , DONORS (NGN Millions)	10,080	13,104	18,282	30,043
THE _{CH} , PRIVATE SOURCES (NGN Millions)	224,271	246,163	278,424	310,014
HOUSEHOLD (NGN Millions)	213,857	227,878	262,182	294,021
PRIVATE (NGN Millions)	10,415	18,285	16,241	15,993
Population of Under 5 Years (U5)	22,594,967	23,318,006	24,064,182	24,834,236
THE _{CH} Per Capita Spending on Child Health (NGN)	12,817	13,832	15,790	16,839
THE _{CH} Per Capita Spending on Health (US\$)	101.0	111.6	135.1	114.7
Health expenditure, Public (% of government expenditure)	1.6%	1.4%	1.3%	1.3%
THE _{CH} , Public (% of total health expenditure CH)	19.1%	19.6%	21.9%	18.7%
THE _{CH} , Private (% of total health expenditure CH)	3.6%	5.7%	4.3%	3.8%

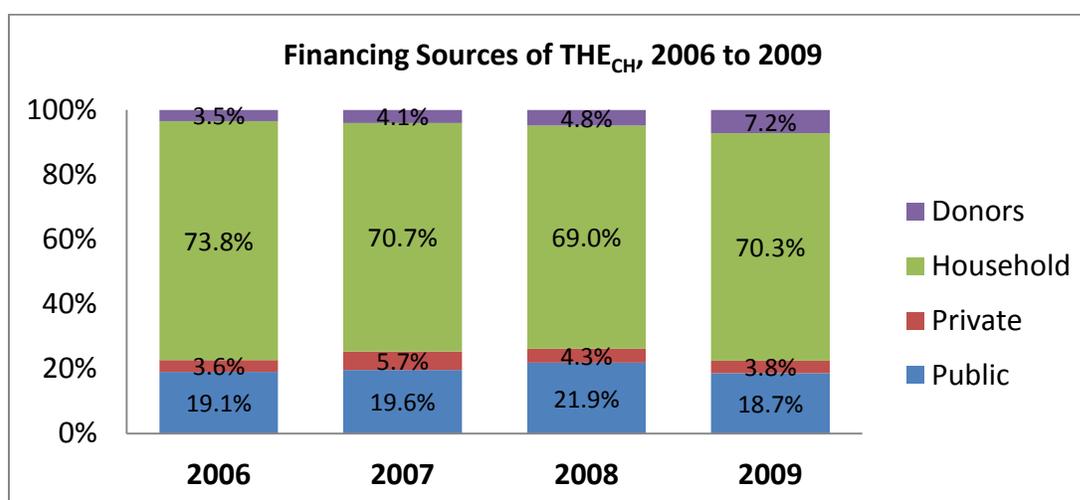
⁹ National Bureau of Statistics

Indicator	2006	2007	2008	2009
Out-of-pocket health expenditure on CH (% of private expenditure on health - CH)	95.4%	92.6%	94.2%	94.8%
Out-of-pocket health expenditure on CH (% of THE _{CH})	73.8%	70.7%	69.0%	70.3%
External resources for Child Health (% of THE _{CH})	3.5%	4.1%	4.8%	7.2%
External resources for Child Health (% of GDP)	0.1%	0.1%	0.1%	0.1%
THE _{CH} as a % of GDP	1.5%	1.6%	1.6%	1.7%
THE _{CH} , Private Incl. HH (% of GDP)	1.19%	1.19%	1.14%	1.25%
THE _{CH} , Household (% of GDP)	1.1%	1.11%	1.08%	1.18%
THE _{CH} , Public (% of GDP)	0.3%	0.3%	0.3%	0.3%

FINANCING SOURCES

Household out of Pocket (HH-OOP) was the major contributor of THE_{CH} accounting for an average of 71 percent followed by the Public sector with an average of 19.8 percent. The chart below displays the funding sources for Child Health in the Federal Republic of Nigeria.

Figure: Breakdown of THE_{CH} by Financing Sources, 2006, 2007, 2008 and 2009



The table below shows the financing sources of the Total Health expenditure for Nigeria for the period 2006 to 2009. The Total Health Expenditure for Child Health (THE_{CH}) increased from NGN **289,589** Million in 2006 to NGN **418,180** Million in 2009.

Table: Absolute value of THE_{CH} by Financing Source, 2006, 2007, 2008 and 2009

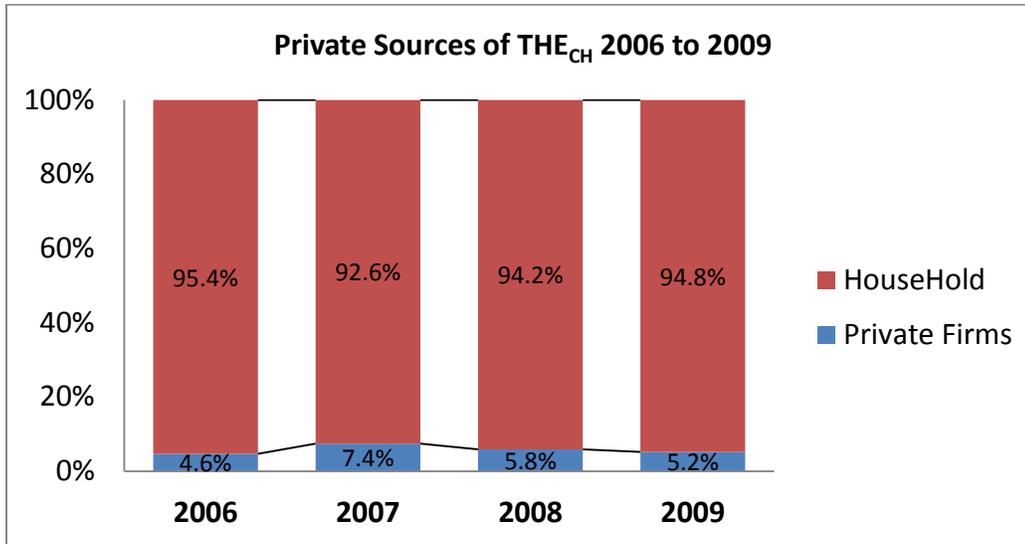
Description	2006	2007	2008	2009	
FINANCING SOURCES	Public	55,237,444,071	63,277,538,603	83,263,542,617	78,123,162,374
	Donors	10,080,423,657	13,104,362,259	18,282,472,659	30,042,973,403
	Private	10,414,554,631	18,284,907,392	16,241,299,743	15,992,965,156
	Household	213,856,830,920	227,877,998,065	262,182,212,828	294,021,152,474
Total Health Expenditures on Child Health (NGN)	289,589,253,280	322,544,806,318	379,969,527,848	418,180,253,406	

PRIVATE SOURCES

In the period 2006 to 2009, Household out of Pocket (HH-OOP) financed between 70 percent and 74 percent of the total health expenditures for child health and an average of 94.5 percent of all private expenditures for health.

The figure that follows shows the composition of private health expenditures for child health by the two sources.

Figure: Breakdown of THE_{CH} by Private Financing Sources, 2006, 2007, 2008 and 2009



DONOR FINANCING

Financing for Child health from development Partners was at an average of 4.9 percent (the range between 3.5 percent and 7.2 percent in the study period 2006 to 2009). Donor financing for Child health as a percentage of GDP, stood below 1 percent.

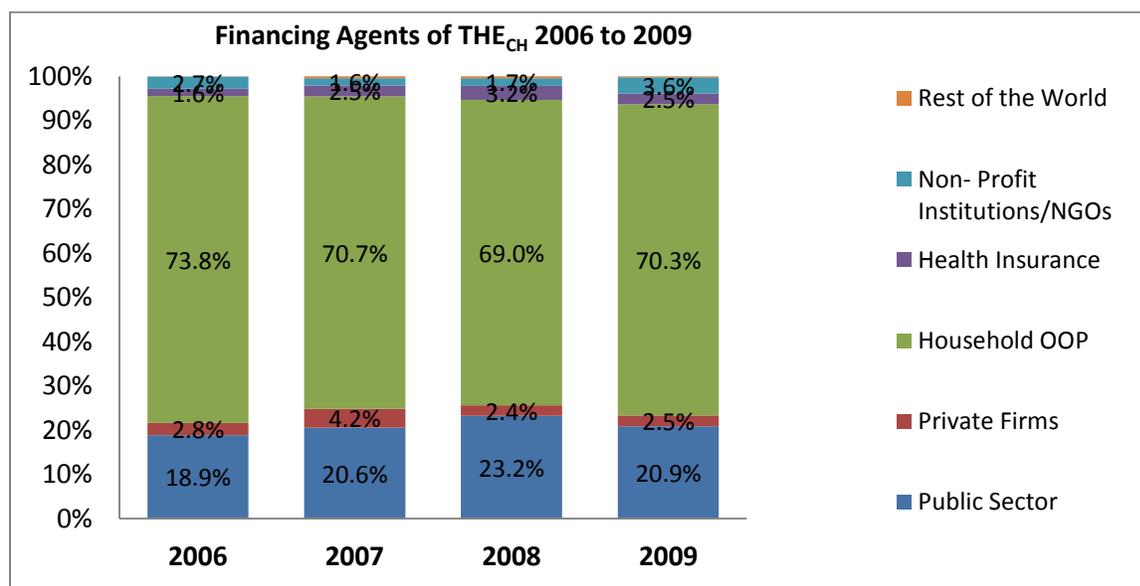
Financing Agents: Who Manages Child Health Funds?

For Nigeria we identify three broad categories of financing agents: public sector, non-public sector, and the rest of the world.

FINANCING AGENTS

Household manages the largest share of the Total Health Expenditures at over 70 percent in the study period. Public agents (i.e. Federal Ministry of Health and others; State Ministry of Health and Local Governments Health Departments) have managed between 19 percent and 23 percent of the THE_{CH} in the period. This has been shown in figure below.

Figure: Breakdown of THE_{CH} by Financing Agents, 2006, 2007, 2008 and 2009



The following table is an illustration of the breakdown of managers of health funds in absolute values over the period 2006 to 2009.

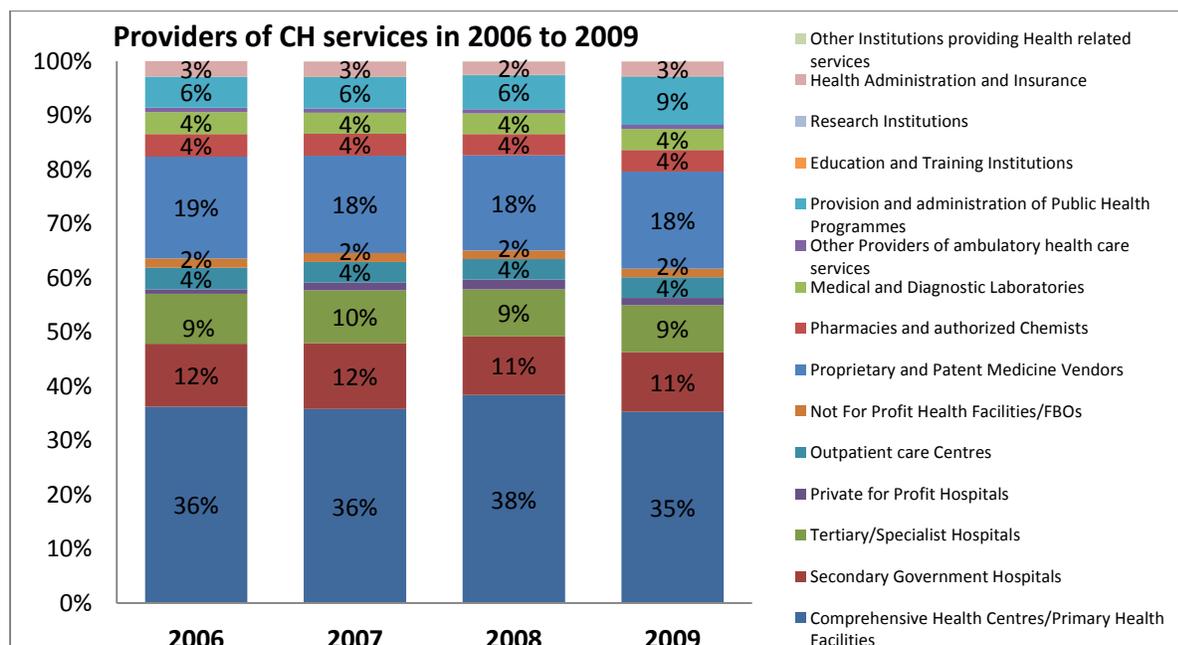
Table: Absolute value of THE_{CH} by Financing Agents, 2006, 2007, 2008 and 2009

Description		2006	2007	2008	2009
FINANCING AGENTS	Federal Government	31,773,868,912	35,365,068,415	38,039,743,084	44,411,470,294
	Local Govt. Health Departments	22,070,484,544	28,154,965,796	45,736,822,042	36,579,258,761
	State Government	847,387,469	2,874,790,407	4,506,600,529	6,209,214,673
	Rest of the World	306,267,825	1,466,387,117	1,668,543,209	1,083,681,585
	Non- Profit Institutions/NGOs	7,943,087,204	5,239,790,992	6,572,153,669	15,114,640,243
	Health Insurance	4,755,326,177	7,961,547,801	12,058,823,734	10,399,711,333
	Private Firms	8,036,000,230	13,604,257,725	9,204,628,751	10,361,124,044
	Household OOP	213,856,830,920	227,877,998,065	262,182,212,828	294,021,152,474
Total Health Expenditures on Child Health		289,589,253,280	322,544,806,318	379,969,527,848	418,180,253,406

Providers of Health Care: Who Uses Health Funds to Deliver Child Health Care?

In the study period 2006 to 2009, Public owned Health Facilities consumed over half of the Total Health Expenditures (with primary health facilities at an average of 36.5 percent, secondary government hospitals at an average of 11.4 percent and tertiary hospitals at an average of 9.1 percent) for Child health, followed by Proprietary and Patent Medicine Vendors at around 18 percent.

Figure: Breakdown of THE_{CH} by Providers of Healthcare, 2006, 2007, 2008 and 2009



The following table shows the breakdown of providers of health care in the period 2006 to 2009 and the exact amount that was consumed by each provider category.

Table: Absolute value of THE_{CH} by Providers of Healthcare, 2006, 2007, 2008 and 2009

Description		2006	2007	2008	2009
PROVIDERS OF HEALTH CARE	Comprehensive Health Centres/Primary Health Facilities	105,036,571,146	115,525,349,301	146,081,770,263	147,766,992,748
	Secondary Government Hospitals	33,518,365,040	39,212,960,613	40,979,490,481	45,905,767,203
	Tertiary/Specialist Hospitals	26,780,735,218	31,408,195,815	32,961,405,780	36,266,474,151
	Private for Profit Hospitals	2,378,864,060	4,681,497,683	7,039,379,677	5,631,968,128
	Outpatient care Centres	11,560,437,981	12,318,378,854	14,172,758,467	15,893,872,941
	Not For Profit Health Facilities/FBOs	4,911,177,293	5,282,239,190	6,099,145,719	6,775,913,356
	Proprietary and Patent Medicine Vendors	54,352,016,069	57,915,515,532	66,633,980,235	74,725,891,781
	Pharmacies and authorized Chemists	12,183,338,808	12,982,119,137	14,936,416,641	16,750,268,401
	Medical and Diagnostic Laboratories	11,770,445,401	12,542,155,061	14,430,221,414	16,182,601,729
	Other Providers of ambulatory health care services	2,352,425,274	2,506,658,121	2,884,004,505	3,234,232,861
	Provision and administration of Public Health Programmes	16,365,073,324	18,744,354,077	24,051,765,717	37,294,395,210
	Education and Training Institutions	312,046,831	352,765,915	383,653,217	418,535,488
	Research Institutions	122,024,723	137,947,766	150,026,126	163,666,706
	Health Administration and Insurance	7,903,044,344	8,842,531,325	8,947,244,609	10,953,433,330
	Other Institutions providing Health related services	42,687,767	92,137,929	218,264,996	216,239,373
Total Health Expenditures on Child Health (NGN)		289,589,253,280	322,544,806,318	379,969,527,848	418,180,253,406

Functions of Health Care: What Child Health Services and Products Are Purchased With Health Care Funds?

Health system includes “all the activities whose primary purpose is to promote, restore or maintain health”.¹⁰ It involves categorization of the types of goods and services produced by health care providers and by institutions and actors engaged in related activities to health care. The table below shows health care activities for child health.

Functional Classifications for Child Health Goods and Services

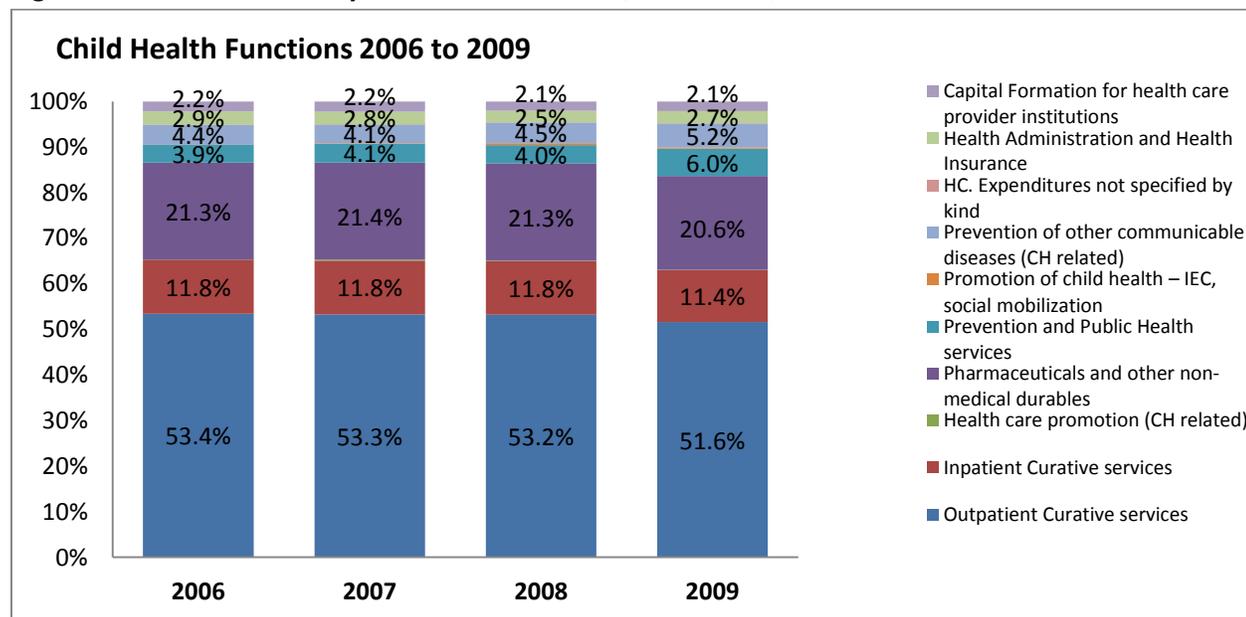
ICHA Code	Description
HC.1	Services of Curative Care
HC 1.1	Inpatient curative care
HC 1.1.1	Care of the newborn – clean cord care, newborn resuscitation, fever management, case management of neonatal pneumonia and sepsis
HC.1.1.2	Management and care of childhood illness – for children aged 29 days – 59 months. (e.g IV for dehydrated children, treatment of cerebral malaria, management of neonatal infections, severe malnutrition and severe pneumonia)
HC1.1.3	Management of HIV/AIDS exposed children
HC 1.1.4	All other curative in-patient services provided to children 0 – 5 years (e.g injuries)
HC 1.3	Outpatient Curative Care
HC1.3.1	Care of the newborn – clean cord care, newborn resuscitation, fever management, case management of neonatal pneumonia and sepsis
HC 1.3.2	Management and care of childhood illness – for children aged 29 days – 59 months. (e.g. IV for dehydrated children, treatment of cerebral malaria, management of neonatal infections, severe malnutrition and severe pneumonia)
HC 1.3.3	Management of HIV/AIDS exposed children
HC 1.3.4	All other curative in-patient services provided to children 0 – 5 years (e.g. injuries)
HC 4	Ancillary services - private
HC 5	Medical goods dispensed to outpatients
HC 5.1	Pharmaceuticals and other non-medical durables
HC 5.1.1	Prescribed medicines
HC 5.1.1.1	Child Health Medicines (anti-bacterials, analgesics, anti-anemia)
HC 5.1.1.2	Others
HC 5.1.2	Over-the-counter medicines
HC 5.1.3	Other medical non-durables
HC 5.2	Therapeutic appliances and other medical durables
HC 5.2.5	ORS
HC 5.2.6	Breast milk substitutes for HIV/AIDS exposed children
HC 5.2.7	Vaccines
HC 5.2.8	Micronutrients supplementation given directly to under 5s (Vit A, Iodized salt, etc)
HC 5.2.9	ITNs for child health
HC 6	Prevention and Public Health services
HC 6.1	Maternal and Child health:
HC 6.1.1	Delivery of preventive care – health worker costs
HC 6.1.1.1	Breastfeeding, counseling and promotion of complementary feeding

¹⁰ NHA Producers’ guide, 2004

ICHA Code	Description
HC 6.1.1.2	Immunization programme
HC 6.1.1.3	Targeted food supplementation to malnourished children – Nutrition program
HC 6.1.1.4	PMTCT for newborn
HC 6.1.1.5	All other preventive health services provided to children 0 – 5 (e.g injuries, de-worming)
HC 6.1.2	Promotion of child health – IEC, social mobilization
HC 6.3	Prevention of other communicable diseases (CH related)
HC 6.3.1	Water and sanitation activities for elimination of waterborne diseases for child survival programs
HC 6.6	Health care promotion (CH related)
HC 6.9	Others
HC.R	Health care related functions
HC.R.1	Capital formation
HC.R.2	Education and training of health personnel
HC.R.3	Research and Development in health
	Addendum functions
AD.1	Policy advocacy for child health

In the period 2006 to 2009, outpatient curative services for child health comprised the largest share of the THE_{CH} at an average of 53 percent followed by pharmaceuticals and other non-medical durables at 21 percent. Inpatient curative health services were just above 11.5 percent in the same period. The figure below shows the breakdown of THE_{CH} by child health functions.

Figure: Breakdown of THE by Healthcare Functions, 2006, 2007, 2008 and 2009



The table below shows the distribution of the total health expenditure for child health (THE_{CH}) in absolute numbers for the period 2006 to 2009 by child health functions.

Table: Absolute value of THE_{CH} by Health Care Functions, 2006, 2007, 2008 and 2009

Description		2006	2007	2008	2009
HEALTH CARE FUNCTIONS	Outpatient Curative services	154,766,329,033	171,916,537,525	202,258,005,405	215,709,607,271
	Inpatient Curative services	34,221,381,588	38,061,233,157	44,724,069,140	47,696,716,961
	Health care promotion (CH related)	9,990,252	492,069,304	425,160,861	249,345,720
	Pharmaceuticals and other non-medical durables	61,794,188,733	68,868,047,368	80,898,165,728	86,197,062,059
	Prevention and Public Health services	11,399,599,332	13,073,024,254	15,276,661,159	25,037,183,327
	Promotion of child health – IEC, social mobilization	5,284,927	606,891,018	1,548,809,626	1,073,234,534
	Prevention of other communicable diseases (CH related)	12,626,017,313	13,130,044,679	17,196,218,159	21,923,549,952
	HC. Expenditures not specified by kind	32,188,189	80,268,259	205,356,046	200,275,068
	Health Administration and Health Insurance	8,333,993,601	9,081,828,429	9,563,080,236	11,365,967,526
	Capital Formation for health care provider institutions	6,400,280,312	7,234,862,325	7,874,001,487	8,727,310,989
Total Health Expenditures on Child Health (NGN)	289,589,253,280	322,544,806,318	379,969,527,848	418,180,253,406	

Summary Table for the Total Health Expenditures on Child Health (THE_{CH})

Description		2006	2007	2008	2009
FINANCING SOURCES	Public	55,237,444,071	63,277,538,603	83,263,542,617	78,123,162,374
	Donors	10,080,423,657	13,104,362,259	18,282,472,659	30,042,973,403
	Private	10,414,554,631	18,284,907,392	16,241,299,743	15,992,965,156
	Household	213,856,830,920	227,877,998,065	262,182,212,828	294,021,152,474
FINANCING AGENTS	Federal Government	31,773,868,912	35,365,068,415	38,039,743,084	44,411,470,294
	Local Govt. Health Departments	22,070,484,544	28,154,965,796	45,736,822,042	36,579,258,761
	State Government	847,387,469	2,874,790,407	4,506,600,529	6,209,214,673
	Rest of the World	306,267,825	1,466,387,117	1,668,543,209	1,083,681,585
	Non- Profit Institutions/NGOs	7,943,087,204	5,239,790,992	6,572,153,669	15,114,640,243
	Insurance	4,755,326,177	7,961,547,801	12,058,823,734	10,399,711,333
	Private Firms	8,036,000,230	13,604,257,725	9,204,628,751	10,361,124,044
	Household OOP	213,856,830,920	227,877,998,065	262,182,212,828	294,021,152,474
PROVIDERS OF HEALTH CARE	Comprehensive Health Centres/Primary Health Facilities	105,036,571,146	115,525,349,301	146,081,770,263	147,766,992,748
	Secondary Government Hospitals	33,518,365,040	39,212,960,613	40,979,490,481	45,905,767,203
	Tertiary/Specialist Hospitals	26,780,735,218	31,408,195,815	32,961,405,780	36,266,474,151
	Private for Profit Hospitals	2,378,864,060	4,681,497,683	7,039,379,677	5,631,968,128
	Outpatient care Centres	11,560,437,981	12,318,378,854	14,172,758,467	15,893,872,941
	Not For Profit Health Facilities/FBOs	4,911,177,293	5,282,239,190	6,099,145,719	6,775,913,356
	Proprietary and Patent Medicine Vendors	54,352,016,069	57,915,515,532	66,633,980,235	74,725,891,781
	Pharmacies and authorized Chemists	12,183,338,808	12,982,119,137	14,936,416,641	16,750,268,401
	Medical and Diagnostic Laboratories	11,770,445,401	12,542,155,061	14,430,221,414	16,182,601,729
	Other Providers of ambulatory health care services	2,352,425,274	2,506,658,121	2,884,004,505	3,234,232,861
	Provision and administration of Public Health Programmes	16,365,073,324	18,744,354,077	24,051,765,717	37,294,395,210
	Education and Training Institutions	312,046,831	352,765,915	383,653,217	418,535,488
	Research Institutions	122,024,723	137,947,766	150,026,126	163,666,706
	Health Administration and Insurance	7,903,044,344	8,842,531,325	8,947,244,609	10,953,433,330
	Other Institutions providing Health related services	42,687,767	92,137,929	218,264,996	216,239,373
	HEALTH CARE FUNCTIONS	Outpatient Curative services	154,766,329,033	171,916,537,525	202,258,005,405
Inpatient Curative services		34,221,381,588	38,061,233,157	44,724,069,140	47,696,716,961
Health care promotion (CH related)		9,990,252	492,069,304	425,160,861	249,345,720
Pharmaceuticals and other non-medical durables		61,794,188,733	68,868,047,368	80,898,165,728	86,197,062,059
Prevention and Public Health services		11,399,599,332	13,073,024,254	15,276,661,159	25,037,183,327
Promotion of child health – IEC, social mobilization		5,284,927	606,891,018	1,548,809,626	1,073,234,534
Prevention of other communicable diseases (CH related)		12,626,017,313	13,130,044,679	17,196,218,159	21,923,549,952
HC. Expenditures not specified by kind		32,188,189	80,268,259	205,356,046	200,275,068
Health Administration and Health Insurance		8,333,993,601	9,081,828,429	9,563,080,236	11,365,967,526
Capital Formation for health care provider institutions		6,400,280,312	7,234,862,325	7,874,001,487	8,727,310,989
Total Health Expenditures for Child Health (NGN)		174,451,357,397	194,304,100,192	228,897,305,932	251,915,815,305

CHAPTER 10: POLICY RECOMMENDATIONS

The 2006 – 2009 National Health Accounts provides comprehensive overview of health sector expenditures in the Federal Republic of Nigeria. The NHA findings will provide valuable background information to model the health financing policy development. Some of the policy issues which arise from this round of NHA include:

- Total Health expenditure (THE) has increased from NGN **1,163,009** Million in 2006 to NGN **1,679,439** Million in 2009; this is a 44.4 percentage increase within the period. In Per Capita terms, this is US\$64 to US\$74 in 2009. The World Health Organization (WHO¹¹) recommends a health per capita spending of \$42 on health implying that Nigeria has surpassed the recommendation. The question arises whether this spending translates into better health outcomes.
- Public financing for health saw an increase from the last NHA period and currently was at average of 20 percent. Total public expenditures on health as a percent of Total Government Expenditure (TGE) was at 6.28 percent, 5.69 percent, 5.41 percent, and 5.18 percent in 2006, 2007, 2008 and 2009 respectively. This is still below the Abuja target of 15 percent of the Total Government spending to health. Hence the need to mobilize more funds for the health sector from the central government.
- In the period 2006 to 2009, Household Out of Pocket expenditure on health increased by 37.5 percent in the period 2006 to 2009. Household continue to finance over 70 percent of Total health expenditures with 73.8 percent, 70.7 percent, 69 percent and 70.3 percent, in 2006, 2007, 2008 and 2009 respectively. There is a need to cushion the household against catastrophic health expenditures or even impoverishment. The HH OOP offers a good opportunity to accelerate pre-payment initiatives to reduce payment at the point of service.
- On average, the public providers of health care provided 56 percent of all health services where; Primary Health Facilities consumed over 35 percent of the Total Health Expenditures, Secondary Government Hospitals and Tertiary/Specialist Hospitals ranged between 9 percent and 12 percent over the same period. Owing to the fact that most of the expenditures were HH-OOP, the government needs to ensure that the healthcare services are affordable and that the related costs do not deter service consumption when needed.
- Outpatient curative care took the largest portion of Total Health Expenditures at 51.6 percent in 2009, a decrease from 53 percent in 2005/06. In absolute values the Expenditures on Prevention of Non-Communicable Diseases increased by 620 percent between 2006 and 2009. This is a good move by the country owing to the fact that Non-Communicable Diseases are emerging as global health challenges but we should not abandon the focus on Communicable disease to avert double burden of disease.

¹¹ The World Health Organization essential minimum package for health is estimated to cost US\$ 34 per capita per annum – about US\$ 42 in current prices. Commission on Macroeconomics and Health (CMH) calculation that a country needs to spend at least \$34 per capita in order to provide an essential WHO11 defined package of health services.

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Summary Table for the General NHA Expenditures

Description		2006	2007	2008	2009	% change
FINANCING SOURCES	Federal Ministry of Finance	119,825,876,224	131,844,582,145	144,845,277,739	164,339,112,255	37.1%
	MDG DRG Funds	15,728,659,719	17,781,097,168	19,337,965,534	21,096,199,668	34.1%
	State Ministry of Finance	167,166,644	120,836,683	161,133,153	200,328,132	19.8%
	Local Governments Dept of Finance	86,115,422,195	104,380,145,059	170,047,360,993	128,112,000,000	48.8%
	Development Partners Funds	40,483,629,145	52,627,960,878	73,423,584,977	120,654,511,658	198.0%
	Household Funds	858,862,774,781	915,172,682,994	1,052,940,613,767	1,180,807,841,261	37.5%
	Private Enterprise Funds	41,825,520,608	73,433,363,019	65,226,103,387	64,228,775,726	53.6%
FINANCING AGENTS	Federal Ministry of Health	127,459,367,202	141,524,622,374	151,972,321,914	177,261,330,216	39.1%
	Other Federal Ministries	146,532,041	503,764,836	797,730,633	1,097,988,233	649.3%
	State Ministry of Health	3,403,162,526	11,545,343,000	18,098,797,307	24,936,605,111	632.7%
	Local Govt. Health Depts	88,636,484,112	113,072,151,789	183,682,016,234	146,904,653,657	65.7%
	Rest of the World - Bilateral and Multilateral	1,229,991,263	5,889,104,889	6,700,976,743	4,352,134,879	253.8%
	Non- Profit Institutions/NGOs	31,899,948,611	21,043,337,316	26,394,191,442	60,701,366,438	90.3%
	National Health Insurance Scheme	9,545,268,172	13,176,297,729	20,169,288,123	19,148,073,178	100.6%
	Private Health Insurance	9,552,427,317	18,797,789,827	28,259,722,859	22,617,835,792	136.8%
	Household Out of Pocket Payments	858,862,774,781	915,172,682,994	1,052,940,613,767	1,180,807,841,261	37.5%
	Private Non Parastatal Funds	32,273,093,292	54,635,573,192	36,966,380,528	41,610,939,935	28.9%
PROVIDERS OF HEALTH CARE	Comprehensive Health Centres/Primary Health Facilities	421,833,619,060.3	463,957,226,107.9	586,673,776,155.9	593,441,737,945.1	40.7%
	Secondary Government Hospitals	134,611,907,789.9	157,481,769,528.2	164,576,266,991.5	184,360,510,853.6	37.0%
	Tertiary/Specialist Hospitals	107,553,153,486.5	126,137,332,589.6	132,375,123,615.3	145,648,490,564.9	35.4%
	Private for Profit Hospitals	9,553,670,921.7	18,801,195,513.6	28,270,601,113.2	22,618,345,897.5	136.8%
	Outpatient care Centres	46,427,461,770.8	49,471,401,021.2	56,918,708,701.8	63,830,815,024.9	37.5%
	Not For Profit Health Facilities/FBOs	19,723,603,587.5	21,213,812,006.1	24,494,561,121.8	27,212,503,438.6	38.0%
	Proprietary and Patent Medicine Vendors	218,281,189,034.0	232,592,431,854.1	267,606,346,326.8	300,103,983,057.0	37.5%
	Pharmacies and authorized Chemists	48,929,071,517.2	52,137,024,646.6	59,985,609,002.0	67,270,154,219.7	37.5%
	Medical and Diagnostic Laboratories	47,270,865,063.6	50,370,100,647.0	57,952,696,443.3	64,990,368,390.9	37.5%
	Other Providers of ambulatory health care services	9,447,491,059.9	10,066,900,085.5	11,582,347,410.2	12,988,886,992.7	37.5%
	Provision and administration of Public Health Programmes	65,723,186,042.1	75,278,530,429.5	96,593,436,613.0	149,776,687,591.4	127.9%
	Education and Training Institutions	1,253,200,126.0	1,416,730,583.0	1,540,775,970.0	1,680,865,412.0	34.1%
	Research Institutions	490,059,129.0	554,007,092.0	602,514,564.0	657,296,007.0	34.1%
	Health Administration and Insurance	31,739,133,911.7	35,512,173,997.2	35,932,709,271.3	43,989,692,087.1	38.6%
	Other Institutions providing Health related services	171,436,815.7	370,031,844.1	876,566,248.9	868,431,218.3	406.6%
	HEALTH CARE FUNCTIONS	Outpatient Curative services	621,551,522,221	690,427,861,548	812,281,146,207	866,303,643,658
Inpatient Curative services		137,435,267,423	152,856,358,058	179,614,735,502	191,553,080,163	39.4%
Occupational Health care services		40,121,492	1,976,181,944	1,707,473,338	1,001,388,436	2395.9%
Maternal, Newborn and ChildHealth Incl. RH services		39,831,898,349	44,230,408,247	52,180,417,329	58,117,421,487	45.9%
Pharmaceutical and other Medical non-durables		248,169,432,663	276,578,503,487	324,892,231,840	346,172,939,996	39.5%
Health Promotion (IEC, BCC)		21,224,607	2,437,313,327	6,220,118,980	4,310,178,853	
Prevention of Communicable Diseases		50,706,896,840	52,731,103,128	69,061,117,104	88,046,385,349	73.6%
Prevention of Non-Communicable Diseases		5,780,324,829	8,080,304,911	8,963,485,408	42,206,440,167	630.2%
Other Prevention and Public Health services		169,300,242	191,392,281	208,150,110	227,075,401	34.1%
Health Administration and Health Insurance		33,469,853,819	36,473,206,541	38,405,944,721	45,646,455,928	36.4%
Capital Formation for health care provider institutions		25,703,936,994	29,055,671,988	31,622,495,933	35,049,441,722	36.4%
HC. Expenditures not specified by kind	129,269,837	322,362,484	824,723,078	804,317,541	522.2%	
Total Health Expenditures		1,163,009,049,316	1,295,360,667,946	1,525,982,039,549	1,679,438,768,701	44.4%

2006: Financing Sources By Financing Agents

Financing Sources By Financing Agents		Financing Sources							Grand Total
		Development Partners Funds	Federal Ministry of Finance	Household Funds	MDG DRG Funds	Private Enterprise Funds	State Ministry of Finance	Local Governments Dept of Finance	
Financing Agents	Federal Ministry of Health	1,451,828,648	110,278,878,835		15,728,659,719				127,459,367,202
	Household Out of Pocket Payments			858,862,774,781					858,862,774,781
	Local Govt. Health Depts	2,478,781,177					42,280,739	86,115,422,195	88,636,484,112
	Non- Profit Institutions/NGOs	31,899,948,611							31,899,948,611
	Other Federal Ministries	144,802,824	1,729,216						146,532,041
	Private Health Insurance					9,552,427,317			9,552,427,317
	Private Non Parastatal Funds					32,273,093,292			32,273,093,292
	Rest of the World - Bilateral and Multilateral	1,229,991,263							1,229,991,263
	State Ministry of Health	3,278,276,622					124,885,904		3,403,162,526
	National Health Insurance Scheme		9,545,268,172						9,545,268,172
Grand Total	40,483,629,145	119,825,876,224	858,862,774,781	15,728,659,719	41,825,520,608	167,166,644	86,115,422,195	1,163,009,049,316	

2006: Financing AgentsBy Providers

Financing Agents By Providers		Financing Agents									
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	National Health Insurance Scheme
Providers of Health Care	Comprehensive Health Centres/Primary Health Facilities		329,883,524,554	86,158,117,544			64,816,059			5,727,160,903	421,833,619,060
	Education and Training Institutions	1,253,200,126									1,253,200,126
	Health Administration and Insurance	28,472,983,457		1,222,671,633		72,473,256		310,414,730	1,660,590,836		31,739,133,912
	Medical and Diagnostic Laboratories		47,270,865,064								47,270,865,064
	Not For Profit Health Facilities/FBOs		18,747,521,061		2,480,137		687,244,344			286,358,045	19,723,603,588
	Other ambulatory health care services		9,447,491,060								9,447,491,060
	Other Institutions providing Health related services	42,166,979					129,269,837				171,436,816
	Outpatient care centres		46,427,461,771								46,427,461,771
	Pharmacies and authorized Chemists		48,929,071,517								48,929,071,517
	Proprietary and Patent Medicine Vendors		218,281,189,034								218,281,189,034
	Provision and administration of Public Health Programmes	29,915,812,333		1,255,694,935	31,896,224,869	73,464,784		919,576,533	1,662,412,588		65,723,186,042
	Research Institutions	490,059,129									490,059,129
	Secondary Government Hospitals		111,602,687,784			563,584	20,373,875,419		57,558,597	2,577,222,406	134,611,907,790
	Tertiary/Specialist Hospitals	67,285,145,178	28,272,962,936			30,417	11,017,887,633		22,600,505	954,526,817	107,553,153,487
	Private for Profit Hospitals				1,243,605		9,552,427,317				9,553,670,922
Grand Total	127,459,367,202	858,862,774,781	88,636,484,112	31,899,948,611	146,532,041	9,552,427,317	32,273,093,292	1,229,991,263	3,403,162,526	9,545,268,172	1,163,009,049,316

2006: ProvidersBy Functions

Providers By Functions		Providers of Health Care														Grand Total	
		Comprehensive Health Centres/Primary Health Facilities	Education and Training Institutions	Health Administration and Insurance	Medical and Diagnostic Laboratories	Not For Profit Health Facilities/FBOs	Other ambulatory health care services	Other Institutions providing Health related services	Outpatient care centres	Pharmacists and authorized Chemists	Private Profit Hospitals	Proprietary and Patent Medicine Vendors	Provision and administration of Public Health Programmes	Research Institutions	Secondary Government Hospitals		Tertiary/Specialist Hospitals
Health Care Functions	Capital Formation for health care provider institutions		800,631,685	17,068,816,299		1,294,050		8,339,913			648,870		42,649,974	175,138,181		7,606,418,023	25,703,936,994
	HC. Expenditures not specified by kind							129,269,837									129,269,837
	Health Administration and Health Insurance	1,160,088,747	452,568,441	14,670,317,613		58,004,437		33,827,066					2,084,642,908	314,920,948	522,039,936	14,173,443,722	33,469,853,819
	Health Promotion (IEC, BCC)												21,224,607				21,224,607
	Inpatient Curative services	55,399,524,718			6,225,991,227	2,500,386,966	1,244,318,173		6,114,907,550	6,444,391,690	1,258,655,610	28,749,564,157			17,535,663,767	11,961,863,566	137,435,267,423
	Maternal, Newborn and ChildHealth Incl. RH services	15,282,482,179			1,717,724,303	689,466,718	343,302,052		1,687,076,793	1,777,980,055	347,115,372	7,931,881,568	1,918,000,923		4,837,023,736	3,299,844,650	39,831,898,349
	Occupational Health services												40,121,492				40,121,492
	Other Prevention and Public Health services												169,300,242				169,300,242
	Outpatient Curative services	250,546,126,762			28,157,930,084	11,303,607,501	5,627,605,765		27,655,538,370	29,145,677,216	5,690,181,368	130,023,989,434			79,303,408,670	54,097,457,051	621,551,522,221
	Pharmaceutical and other Medical non-durables	97,037,720,842			10,898,771,298	5,062,214,605	2,178,213,668		10,704,316,223	11,281,087,401	2,202,417,911	50,326,913,940	10,931,927,741		31,651,521,293	15,894,327,740	248,169,432,663
	Prevention of Communicable Diseases	799,914,413			89,848,948	36,090,643	17,957,089		88,245,870	93,000,744	18,156,565	414,892,667	48,722,845,608		253,250,404	172,693,890	50,706,896,840
	Prevention of Non-Communicable Diseases	1,607,761,399			180,599,203	72,538,666	36,094,312		177,376,966	186,934,411	36,495,226	833,947,269	1,792,472,547		508,999,985	347,104,845	5,780,324,829
	Grand Total	421,833,619,060	1,253,200,126	31,739,133,912	47,270,865,064	19,723,603,588	9,447,491,060	171,436,816	46,427,461,771	48,929,071,517	9,553,670,922	218,281,189,034	65,723,186,042	490,059,129	134,611,907,790	107,553,153,487	1,163,009,049,316

2006: Financing AgentsBy Functions

Financing Agents By Functions		Financing Agents										
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	National Health Insurance Scheme	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	Grand Total
Health Care Functions	Capital Formation for health care provider institutions	25,685,490,510				2,059,336	1,036,566				15,350,582	25,703,936,994
	HC. Expenditures not specified by kind							129,269,837				129,269,837
	Health Administration and Health Insurance	27,915,881,644		1,222,671,633	1,933,481,246	370,727,622	71,436,691			310,414,730	1,645,240,254	33,469,853,819
	Health Promotion (IEC, BCC)	12,162,028		1,521,070		5,440,969	88,871				2,011,669	21,224,607
	Inpatient Curative services	6,875,041,177	113,119,827,478	11,348,091,884	1,004,755,874	1,546,273	29,233	1,258,139,207	3,816,874,738		10,961,558	137,435,267,423
	Maternal, Newborn and ChildHealth Incl. RH services	3,547,033,015	31,209,275,719	3,192,822,708	274,024,329	115,310,172	3,632,391	347,115,216	1,053,059,386	4,692,853	84,932,560	39,831,898,349
	Occupational Health services	5,428,786				34,692,706						40,121,492
	Other Prevention and Public Health services	169,300,242										169,300,242
	Outpatient Curative services	31,092,332,542	511,600,494,974	51,321,777,453	4,536,625,008	203,658	132,209	5,690,113,353	17,262,358,411		47,484,612	621,551,522,221
	Pharmaceutical and other Medical non-durables	16,467,823,188	198,019,413,141	19,864,528,239	1,750,710,993	30,356	423,224	2,202,407,773	9,845,731,342		18,364,407	248,169,432,663
	Prevention of Communicable Diseases	15,489,454,404	1,632,462,551	1,355,904,045	15,223,574	29,577,550,522	69,752,009	18,156,544	55,082,342	914,883,680	1,578,427,168	50,706,896,840
	Prevention of Non-Communicable Diseases	199,419,666	3,281,300,917	329,167,080	30,447,148	1,792,386,995	848	36,495,223	110,717,236		389,717	5,780,324,829
	Grand Total	127,459,367,202	858,862,774,781	88,636,484,112	9,545,268,172	31,899,948,611	146,532,041	9,552,427,317	32,273,093,292	1,229,991,263	3,403,162,526	1,163,009,049,316

2007:Financing Sources By Financing Agents

Financing Sources By Financing Agents		Financing Sources							Grand Total
		Development Partners Funds	Federal Ministry of Finance	Household Funds	MDG DRG Funds	Private Enterprise Funds	State Ministry of Finance	Local Governments Dept of Finance	
Financing Agents	Federal Ministry of Health	5,077,379,579	118,666,145,627		17,781,097,168				141,524,622,374
	Household Out of Pocket Payments			915,172,682,994					915,172,682,994
	Local Govt. Health Depts	8,661,444,029					30,562,702	104,380,145,059	113,072,151,789
	Non- Profit Institutions/NGOs	21,043,337,316							21,043,337,316
	Other Federal Ministries	501,626,047	2,138,789						503,764,836
	Private Health Insurance					18,797,789,827			18,797,789,827
	Private Non Parastatal Funds					54,635,573,192			54,635,573,192
	Rest of the World - Bilateral and Multilateral	5,889,104,889							5,889,104,889
	State Ministry of Health	11,455,069,018					90,273,981		11,545,343,000
	National Health Insurance Scheme		13,176,297,729						13,176,297,729
	Grand Total	52,627,960,878	131,844,582,145	915,172,682,994	17,781,097,168	73,433,363,019	120,836,683	104,380,145,059	1,295,360,667,946

2007: Financing Agents By Providers

Financing Agents By Providers		Financing Agents										
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	National Health Insurance Scheme	Grand Total
Providers of Health Care	Comprehensive Health Centres/Primary Health Facilities		351,511,788,736	104,486,592,577			53,066,158			7,905,778,637	463,957,226,108	
	Education and Training Institutions	1,416,730,583									1,416,730,583	
	Health Administration and Insurance	32,122,125,896		1,269,009,618	-	75,426,148			335,811,533	1,709,800,802	35,512,173,997	
	Medical and Diagnostic Laboratories		50,370,100,647								50,370,100,647	
	Not For Profit Health Facilities/FBOs		19,976,671,074		6,792,004		835,059,996			395,288,932	21,213,812,006	
	Other ambulatory health care services		10,066,900,086								10,066,900,086	
	Other Institutions providing Health related services	47,669,360					322,362,484	-			370,031,844	
	Outpatient care centres		49,471,401,021								49,471,401,021	
	Pharmacies and authorized Chemists		52,137,024,647								52,137,024,647	
	Proprietary and Patent Medicine Vendors		232,592,431,854								232,592,431,854	
	Provision and administration of Public Health Programmes	31,270,308,815		7,316,549,594	21,033,139,625	427,603,995			5,553,293,356	9,677,635,045	75,278,530,430	
	Research Institutions	554,007,092									554,007,092	
	Secondary Government Hospitals		118,919,732,241			697,071		34,862,169,489		141,570,341	3,557,600,387	157,481,769,528
	Tertiary/Specialist Hospitals	76,113,780,628	30,126,632,690			37,622		18,562,915,065		16,336,812	1,317,629,773	126,137,332,590
	Private for Profit Hospitals				3,405,687		18,797,789,827					18,801,195,514
Grand Total	141,524,622,374	915,172,682,994	113,072,151,789	21,043,337,316	503,764,836	18,797,789,827	54,635,573,192	5,889,104,889	11,545,343,000	13,176,297,729	1,295,360,667,946	

2007: ProvidersBy Functions

Providers By Functions		Providers of Health Care																				
		Comprehensive Health Centres/Primary Health Facilities	Education and Training Institutions	Health Administration and Insurance	Medical and Diagnostic Laboratories	Not For Profit Health Facilities/FBOs	Other ambulatory health care services	Other Institutions providing Health related services	Outpatient care centres	Pharmacists and authorized Chemists	Private Profit Hospitals	Proprietary and Patent Medicine Vendors	Provision and administration of Public Health Programmes	Research Institutions	Secondary Government Hospitals	Tertiary/Specialist Hospitals	Grand Total					
	Capital Formation for health care provider institutions		905,106,356	19,289,983,949			3,830,568			9,428,190			1,920,746			48,428,384	197,992,016			8,598,981,779	29,055,671,988	
	HC. Expenditures not specified by kind									322,362,484												322,362,484
	Health Administration and Health Insurance	941,333,372	511,624,227	16,222,190,049			47,066,669			38,241,170						1,971,884,667	356,015,076	423,600,017		15,961,251,293	36,473,206,541	
	Health Promotion (IEC, BCC)															2,437,313,327						2,437,313,327
	Inpatient Curative services	61,034,224,162			6,634,187,978	2,679,641,082	1,325,899,823			6,515,821,285	6,866,907,504	2,477,124,623	30,634,481,476				20,578,567,064	14,109,503,062			152,856,358,058	
	Maternal, Newborn and ChildHealth Incl. RH services	16,818,009,179			1,830,344,038	738,447,193	365,810,080			1,797,687,174	1,894,550,358	683,072,728	8,451,922,180	2,117,784,065			5,652,211,828	3,880,569,425			44,230,408,247	
	Occupational Health services													1,976,181,944								1,976,181,944
	Other Prevention and Public Health services													191,392,281								191,392,281
	Outpatient Curative services	275,739,746,761			30,004,057,900	12,107,422,481	5,996,570,369			29,468,727,709	31,056,565,029	11,197,486,624	138,548,795,870				92,683,760,051	63,624,728,753			690,427,861,548	
	Pharmaceutical and other Medical non-durables	106,773,679,174			11,613,331,096	5,521,023,155	2,321,024,622			11,406,126,898	12,020,713,118	4,334,043,993	53,626,514,281	12,358,438,214			37,252,674,490	19,350,934,445			276,578,503,488	
	Prevention of Communicable Diseases	880,515,110			95,739,745	38,666,719	19,134,416			94,031,563	99,098,183	35,729,493	442,094,414	50,526,957,250			296,018,658	203,117,578			52,731,103,128	
	Prevention of Non-Communicable Diseases	1,769,718,350			192,439,889	77,714,139	38,460,776			189,006,391	199,190,455	71,817,306	888,623,634	3,650,150,297			594,937,421	408,246,253			8,080,304,911	
	Grand Total	463,957,226,108	1,416,730,583	35,512,173,997	50,370,100,647	21,213,812,006	10,066,900,086	370,031,844	49,471,401,021	52,137,024,647	18,801,195,514	232,592,431,854	75,278,530,430	554,007,092	157,481,769,528	126,137,332,590	1,295,360,667,946					

2007: Financing Agents By Functions

Financing Agents By Functions		Financing Agents										
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	National Health Insurance Scheme	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	Grand Total
Health Care Functions	Capital Formation for health care provider institutions	29,037,197,790		-		6,095,924	1,282,081				11,096,193	29,055,671,988
	HC. Expenditures not specified by kind								322,362,484			322,362,484
	Health Administration and Health Insurance	31,492,327,693		1,269,009,618	1,568,888,954	34,320,067	74,144,067			335,811,533	1,698,704,608	36,473,206,541
	Health Promotion (IEC, BCC)	491,031,538		816,621,905		1,935,716	47,712,538			-	1,080,011,630	2,437,313,327
	Inpatient Curative services	7,814,346,328	120,536,340,674	13,817,704,298	1,532,177,958	3,860,752	36,157	2,475,835,261	6,581,335,121		94,721,509	152,856,358,058
	Maternal, Newborn and ChildHealth Incl. RH services	4,005,378,656	33,255,459,932	3,856,494,891	417,866,716	100,510,176	3,656,297	683,072,340	1,815,762,161	7,552,302	84,654,775	44,230,408,247
	Occupational Health services	6,137,190				656,629,049				1,313,415,706		1,976,181,944
	Other Prevention and Public Health services	191,392,281										191,392,281
	Outpatient Curative services	35,155,135,525	545,142,729,845	62,203,211,995	6,918,015,630	508,495	163,523	11,197,316,803	29,765,023,346		45,756,385	690,427,861,548
	Pharmaceutical and other Medical non-durables	18,617,542,350	211,002,226,352	24,074,227,770	2,669,704,018	75,794	523,467	4,334,018,680	15,865,206,298	-	14,978,759	276,578,503,488
	Prevention of Communicable Diseases	14,488,690,806	1,739,492,241	6,635,977,952	23,214,818	16,589,312,872	376,245,658	35,729,442	94,977,011	4,232,325,348	8,515,136,980	52,731,103,128
	Prevention of Non-Communicable Diseases	225,442,217	3,496,433,950	398,903,360	46,429,635	3,650,088,470	1,049	71,817,299	190,906,771	-	282,160	8,080,304,911
	Grand Total	141,524,622,374	915,172,682,994	113,072,151,789	13,176,297,729	21,043,337,316	503,764,836	18,797,789,827	54,635,573,192	5,889,104,889	11,545,343,000	1,295,360,667,946

2008: Financing Sources By Financing Agents

Financing Sources By Financing Agents		Financing Sources							Grand Total
		Development Partners Funds	Federal Ministry of Finance	Household Funds	MDG DRG Funds	Private Enterprise Funds	State Ministry of Finance	Local Governments Dept of Finance	
Financing Agents	Federal Ministry of Health	7,961,873,445	124,672,482,934		19,337,965,534				151,972,321,914
	Household Out of Pocket Payments			1,052,940,613,767					1,052,940,613,767
	Local Govt. Health Depts	13,593,900,527					40,754,714	170,047,360,993	183,682,016,234
	Non- Profit Institutions/NGOs	26,394,191,442							26,394,191,442
	Other Federal Ministries	794,223,951	3,506,682						797,730,633
	Private Health Insurance					28,259,722,859			28,259,722,859
	Private Non Parastatal Funds					36,966,380,528			36,966,380,528
	Rest of the World - Bilateral and Multilateral	6,700,976,743							6,700,976,743
	State Ministry of Health	17,978,418,869					120,378,438		18,098,797,307
	National Health Insurance Scheme		20,169,288,123						20,169,288,123
	Grand Total	73,423,584,977	144,845,277,739	1,052,940,613,767	19,337,965,534	65,226,103,387	161,133,153	170,047,360,993	1,525,982,039,549

2008: Financing Agents By Providers

Financing Agents By Providers		Financing Agents									
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	National Health Insurance Scheme
Providers of Health Care	Comprehensive Health Centres/Primary Health Facilities		404,427,541,879	170,088,510,072			56,151,332			12,101,572,874	586,673,776,156
	Education and Training Institutions	1,540,775,970									1,540,775,970
	Health Administration and Insurance	34,326,232,129		341,305,596	22,961,047	22,043,420		726,786,640	493,380,440		35,932,709,271
	Medical and Diagnostic Laboratories		57,952,696,443								57,952,696,443
	Not For Profit Health Facilities/FBOs		22,983,911,880		21,694,638		883,875,959			605,078,644	24,494,561,122
	Other ambulatory health care services		11,582,347,410								11,582,347,410
	Other Institutions providing Health related services	51,843,171					824,723,078				876,566,249
	Outpatient care centres		56,918,708,702								56,918,708,702
	Pharmacies and authorized Chemists		59,985,609,002								59,985,609,002
	Proprietary and Patent Medicine Vendors		267,606,346,327								267,606,346,327
	Provision and administration of Public Health Programmes	32,725,747,898		13,252,200,567	26,338,657,502	774,482,637		5,974,190,103	17,528,157,905		96,593,436,613
	Research Institutions	602,514,564									602,514,564
	Secondary Government Hospitals		136,821,627,417			1,142,892	22,252,314,720		55,474,170	5,445,707,793	164,576,266,991
	Tertiary/Specialist Hospitals	82,725,208,182	34,661,824,708			61,683	12,949,315,438		21,784,792	2,016,928,812	132,375,123,615
	Private for Profit Hospitals				10,878,254		28,259,722,859				28,270,601,113
Grand Total	151,972,321,914	1,052,940,613,767	183,682,016,234	26,394,191,442	797,730,633	28,259,722,859	36,966,380,528	6,700,976,743	18,098,797,307	20,169,288,123	1,525,982,039,549

2008: ProvidersBy Functions

Providers By Functions		Providers of Health Care															
		Comprehensive Health Centres/Primary Health Facilities	Education and Training Institutions	Health Administration and Insurance	Medical and Diagnostic Laboratories	Not For Profit Health Facilities/FBOs	Other ambulatory health care services	Other Institutions providing Health related services	Outpatient care centres	Pharmacists and authorized Chemists	Private Profit Hospitals	Proprietary and Patent Medicine Vendors	Provision and administration of Public Health Programmes	Research Institutions	Secondary Government Hospitals	Tertiary/Specialist Hospitals	Grand Total
Health Care Functions	Capital Formation for health care provider institutions		984,355,201	20,982,403,172		16,322,348		10,253,700			8,184,448		53,762,277	215,327,700		9,351,887,087	31,622,495,933
	HC. Expenditures not specified by kind							824,723,078									824,723,078
	Health Administration and Health Insurance	1,903,133,750	556,420,769	14,950,306,100		95,156,688		41,589,471					2,110,399,114	387,186,864	856,410,188	17,505,341,778	38,405,944,721
	Health Promotion (IEC, BCC)												6,220,118,980				6,220,118,980
	Inpatient Curative services	77,015,332,356			7,632,882,942	3,099,158,992	1,525,497,646		7,496,697,607	7,900,635,516	3,724,394,579	35,246,123,848			21,377,626,222	14,596,385,794	179,614,735,502
	Maternal, Newborn and ChildHealth Incl. RH services	21,243,840,502			2,105,879,699	853,545,849	420,878,264		2,068,306,749	2,179,751,487	1,026,899,888	9,724,254,551	2,634,800,445		5,895,951,268	4,026,308,626	52,180,417,329
	Occupational Health services												1,707,473,338				1,707,473,338
	Other Prevention and Public Health services												208,150,110				208,150,110
	Outpatient Curative services	348,301,197,706			34,520,797,799	13,995,400,312	6,899,279,887		33,904,880,267	35,731,746,861	16,833,833,315	159,405,603,851			96,676,826,302	66,011,579,906	812,281,146,207
	Pharmaceutical and other Medical non-durables	134,862,136,951			13,361,574,487	6,300,420,626	2,670,426,178		13,123,178,259	13,830,282,835	6,515,608,010	61,699,322,882	13,440,512,138		38,839,637,911	20,249,131,562	324,892,231,839
	Prevention of Communicable Diseases	1,112,393,569			110,152,180	44,706,141	22,014,865		108,186,853	114,016,189	53,714,074	508,646,261	66,467,548,137		308,936,053	210,802,782	69,061,117,104
	Prevention of Non-Communicable Diseases	2,235,741,321			221,409,335	89,850,167	44,250,570		217,458,966	229,176,115	107,966,800	1,022,394,934	3,750,672,074		620,879,047	423,686,079	8,963,485,408
	Grand Total	586,673,776,156	1,540,775,970	35,932,709,271	57,952,696,443	24,494,561,122	11,582,347,410	876,566,249	56,918,708,702	59,985,609,002	28,270,601,113	267,606,346,327	96,593,436,613	602,514,564	164,576,266,991	132,375,123,615	1,525,982,039,549

2008: Financing Agents By Functions

Financing Agents By Functions		Financing Agents										
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	National Health Insurance Scheme	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	Grand Total
Health Care Functions	Capital Formation for health care provider institutions	31,579,622,137				25,975,203	2,102,054				14,796,538	31,622,495,933
	HC. Expenditures not specified by kind								824,723,078			824,723,078
	Health Administration and Health Insurance	33,641,290,381		341,305,596	3,171,889,584	26,147,254	19,941,366			726,786,640	478,583,902	38,405,944,721
	Health Promotion (IEC, BCC)	1,226,479,812		2,070,406,404		64,079,311	120,967,051				2,738,186,401	6,220,118,980
	Inpatient Curative services	8,452,614,319	138,681,596,259	22,402,452,364	2,243,656,607	7,003,725	59,281	3,722,055,570	4,094,737,516		10,559,862	179,614,735,502
	Maternal, Newborn and ChildHealth Incl. RH services	4,331,488,152	38,261,658,201	6,206,555,735	611,906,347	477,916,089	1,530,162	1,026,899,184	1,129,720,536	95,688,091	37,054,832	52,180,417,329
	Occupational Health services	6,674,547				236,153,988				1,464,644,804		1,707,473,338
	Other Prevention and Public Health services	208,150,110										208,150,110
	Outpatient Curative services	38,227,180,962	627,207,226,811	101,316,770,822	10,130,449,529	922,453	268,107	16,833,525,246	18,519,032,310		45,769,967	812,281,146,207
	Pharmaceutical and other Medical non-durables	20,246,745,940	242,766,002,362	39,215,525,014	3,909,401,664	137,497	858,257	6,515,562,090	12,220,297,548		17,701,467	324,892,231,839
	Prevention of Communicable Diseases	13,806,483,494	2,001,351,288	11,478,473,933	33,994,797	22,775,581,014	651,961,643	53,713,982	59,092,255	3,445,623,917	14,754,840,781	69,061,117,104
	Prevention of Non-Communicable Diseases	245,592,061	4,022,778,846	650,526,366	67,989,594	2,780,274,908	42,712	107,966,787	118,777,285	968,233,291	1,303,557	8,963,485,408
	Grand Total	151,972,321,914	1,052,940,613,767	183,682,016,234	20,169,288,123	26,394,191,442	797,730,633	28,259,722,859	36,966,380,528	6,700,976,743	18,098,797,307	1,525,982,039,549

2009: Financing Sources By Financing Agents

Financing Sources By Financing Agents		Financing Sources							Grand Total
		Development Partners Funds	Federal Ministry of Finance	Household Funds	MDG DRG Funds	Private Enterprise Funds	State Ministry of Finance	Local Governments Dept of Finance	
Financing Agents	Federal Ministry of Health	7,961,873,445	124,672,482,934		19,337,965,534				151,972,321,914
	Household Out of Pocket Payments			1,052,940,613,767					1,052,940,613,767
	Local Govt. Health Depts	13,593,900,527					40,754,714	170,047,360,993	183,682,016,234
	Non- Profit Institutions/NGOs	26,394,191,442							26,394,191,442
	Other Federal Ministries	794,223,951	3,506,682						797,730,633
	Private Health Insurance					28,259,722,859			28,259,722,859
	Private Non Parastatal Funds					36,966,380,528			36,966,380,528
	Rest of the World - Bilateral and Multilateral	6,700,976,743							6,700,976,743
	State Ministry of Health	17,978,418,869					120,378,438		18,098,797,307
	National Health Insurance Scheme		20,169,288,123						20,169,288,123
	Grand Total	73,423,584,977	144,845,277,739	1,052,940,613,767	19,337,965,534	65,226,103,387	161,133,153	170,047,360,993	1,525,982,039,549

2009: Financing Agents By Providers

Financing Agents By Providers		Financing Agents											
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	National Health Insurance Scheme	Grand Total	
Providers of Health Care	Comprehensive Health Centres/Primary Health Facilities		453,540,500,222	128,357,631,796				54,762,020			11,488,843,907	593,441,737,945	
	Education and Training Institutions	1,680,865,412										1,680,865,412	
	Health Administration and Insurance	38,390,467,157		1,982,818,733	101,298,595	117,621,261			722,931,875	2,674,554,466		43,989,692,087	
	Medical and Diagnostic Laboratories		64,990,368,391									64,990,368,391	
	Not For Profit Health Facilities/FBOs		25,775,037,088		1,017,311			862,006,845			574,442,195	27,212,503,439	
	Other ambulatory health care services		12,988,886,993									12,988,886,993	
	Other Institutions providing Health related services	56,556,822						804,317,541	7,556,855			868,431,218	
	Outpatient care centres		63,830,815,025									63,830,815,025	
	Pharmacies and authorized Chemists		67,270,154,220									67,270,154,220	
	Proprietary and Patent Medicine Vendors		300,103,983,057									300,103,983,057	
	Provision and administration of Public Health Programmes	46,115,536,476		16,564,203,128	60,598,540,427	967,960,634			3,621,646,149	21,908,800,778		149,776,687,591	
	Research Institutions	657,296,007										657,296,007	
	Secondary Government Hospitals		153,437,001,475				963,262		25,426,400,345		326,166,014	5,169,979,758	184,360,510,854
	Tertiary/Specialist Hospitals	90,360,608,342	38,871,094,791				11,443,075		14,463,453,185		27,083,854	1,914,807,318	145,648,490,565
	Private for Profit Hospitals				510,106			22,617,835,792					22,618,345,897
Grand Total	177,261,330,216	1,180,807,841,261	146,904,653,657	60,701,366,438	1,097,988,233	22,617,835,792	41,610,939,935	4,352,134,879	24,936,605,111	19,148,073,178	1,679,438,768,701		

2009: ProvidersBy Functions

Providers By Functions		Providers of Health Care															
		Comprehensive Health Centres/Primary Health Facilities	Education and Training Institutions	Health Administration and Insurance	Medical and Diagnostic Laboratories	Not For Profit Health Facilities/FBOs	Other ambulatory health care services	Other Institutions providing Health related services	Outpatient care centres	Pharmacists and authorized Chemists	Private Profit Hospitals	Proprietary and Patent Medicine Vendors	Provision and administration of Public Health Programmes	Research Institutions	Secondary Government Hospitals	Tertiary/Specialist Hospitals	Grand Total
Health Care Functions	Capital Formation for health care provider institutions	194,963,665	1,073,854,114	22,891,884,178				11,185,980					57,048,499	234,905,587	257,846,408	10,327,753,291	35,049,441,722
	HC. Expenditures not specified by kind						804,317,541										804,317,541
	Health Administration and Health Insurance	1,440,415,725	607,011,298	21,097,807,909		72,020,786		52,927,697					2,314,702,678	422,390,420	648,187,076	18,990,992,337	45,646,455,928
	Health Promotion (IEC, BCC)												4,310,178,853				4,310,178,853
	Inpatient Curative services	77,941,847,258			8,559,806,614	3,462,003,415	1,710,751,355		8,407,083,175	8,860,074,581	2,979,412,039	39,526,350,176			23,981,097,081	16,124,654,469	191,553,080,163
	Maternal, Newborn and ChildHealth Incl. RH services	21,499,619,104			2,361,613,969	954,698,340	471,988,969		2,319,478,226	2,444,456,614	821,884,949	10,905,150,656	5,276,117,251		6,614,390,764	4,448,022,646	58,117,421,487
	Occupational Health services												1,001,388,436				1,001,388,436
	Other Prevention and Public Health services												227,075,401				227,075,401
	Outpatient Curative services	352,493,144,900			38,712,941,827	15,653,027,039	7,737,116,114		38,022,228,370	40,070,946,380	13,472,869,507	178,763,535,670			108,453,448,490	72,924,385,360	866,303,643,658
	Pharmaceutical and other Medical non-durables	136,483,390,981			14,984,180,228	6,920,274,015	2,994,717,963		14,716,833,588	15,509,807,680	5,214,777,226	69,191,978,452	14,662,541,786		43,362,633,197	22,131,804,877	346,172,939,995
	Prevention of Communicable Diseases	1,125,755,020			123,528,864	49,996,153	24,688,311		121,324,871	127,862,111	42,990,319	570,415,354	85,280,458,374		346,507,539	232,858,433	88,046,385,349
	Prevention of Non-Communicable Diseases	2,262,601,292			248,296,889	100,483,690	49,624,280		243,866,795	257,006,853	86,411,857	1,146,552,748	36,647,176,314		696,400,299	468,019,151	42,206,440,167
	Grand Total	593,441,737,945	1,680,865,412	43,989,692,087	64,990,368,391	27,212,503,439	12,988,886,993	868,431,218	63,830,815,025	67,270,154,220	22,618,345,897	300,103,983,057	149,776,687,591	657,296,007	184,360,510,854	145,648,490,565	1,679,438,768,701

2009: Financing Agents By Functions

Financing Agents By Functions		Financing Agents										
		Federal Ministry of Health	Household Out of Pocket Payments	Local Govt. Health Depts	National Health Insurance Scheme	Non- Profit Institutions/NG Os	Other Federal Ministries	Private Health Insurance	Private Non Parastatal Funds	Rest of the World - Bilateral and Multilateral	State Ministry of Health	Grand Total
Health Care Functions	Capital Formation for health care provider institutions	34,565,073,156		194,963,665			13,162,758				276,242,144	35,049,441,722
	HC. Expenditures not specified by kind							804,317,541				804,317,541
	Health Administration and Health Insurance	37,643,249,564		1,982,818,733	2,400,692,875	117,197,705	115,849,591			730,488,730	2,656,158,730	45,646,455,928
	Health Promotion (IEC, BCC)	858,775,499		1,440,444,369		8,892,284	84,160,437			12,867,150	1,905,039,115	4,310,178,853
	Inpatient Curative services	9,220,896,895	155,522,841,612	16,880,157,499	2,210,654,200	1,326,243	49,964	2,978,969,118	4,725,619,153		12,565,480	191,553,080,163
	Maternal, Newborn and ChildHealth Incl. RH services	4,732,797,670	42,908,085,635	4,698,207,727	602,905,691	2,714,339,998	2,411,886	821,884,816	1,303,778,077	275,260,279	57,749,710	58,117,421,487
	Occupational Health services	7,281,406				217,614,885				776,492,145		1,001,388,436
	Other Prevention and Public Health services	227,075,401										227,075,401
	Outpatient Curative services	41,702,816,566	703,374,152,189	76,342,911,090	9,981,438,661	174,678	225,968	13,472,811,171	21,372,284,167		56,829,168	866,303,643,658
	Pharmaceutical and other Medical non-durables	22,087,602,899	272,247,072,088	29,549,186,523	3,851,897,470	26,037	723,363	5,214,768,531	13,199,666,861		21,996,223	346,172,939,995
	Prevention of Communicable Diseases	23,589,481,457	2,244,391,814	11,298,938,490	33,494,761	34,236,230,832	646,096,353	42,990,302	68,196,677	1,263,358,028	14,623,206,635	88,046,385,349
	Prevention of Non-Communicable Diseases	2,626,279,703	4,511,297,924	4,517,025,561	66,989,521	23,405,563,778	235,307,913	86,411,855	137,077,459	1,293,668,547	5,326,817,907	42,206,440,167
	Grand Total	177,261,330,216	1,180,807,841,261	146,904,653,657	19,148,073,178	60,701,366,438	1,097,988,233	22,617,835,792	41,610,939,935	4,352,134,879	24,936,605,111	1,679,438,768,701

