

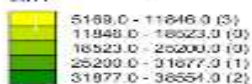


REPUBLIC OF THE GAMBIA

MINISTRY OF HEALTH AND SOCIAL WELFARE
DIRECTORATE OF PLANNING AND INFORMATION

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NATIONAL HEALTH MANAGEMENT INFORMATION SYSTEM

HEALTH SERVICES STATISTICS REPORT 2011

February, 2012

FOREWORD

The Ministry of Health and Social Welfare together with its partners and other health agencies is responsible for the provision of health care delivery to the people of The Gambia. This involves the planning, implementation, monitoring and performance assessment of health programmes and services. In order to fulfill this role there is the need for accurate, relevant and timely information on the health status and health services in The Gambia.

The production of Ministry of Health and Social Welfare, Health Services Statistics, 2011 is a reference on the performance of the health sector as an information tool for policy makers, health service/programme managers, health partners, stakeholders, researchers and students.

The information collated is mainly summaries from the public, private NGO and community health facilities. The Ministry of Health and Social welfare acknowledges the significant role of other agencies such as the UN system, development partners research institutions and Gambia Bureau of Statistics in the provision of health-related statistics to the general public. Some of such statistics have been quoted in this publication and duly acknowledged.

The National Health Management Information System of the Ministry of Health is the focal unit responsible for the collection, analysis, reporting and presentation of health service information in the Ministry.

Ministry of Health

TABLE OF CONTENTS

	Foreword	2
	Table of content	3
	List of Acronyms	8
1.0	Demography and Vital Statistics	9
1.1	Population Distribution by Region – 2011	9
1.2	Population Distribution by District, Western Health Region – 2011	9
1.3	Population Distribution by District, North Bank West Region – 2011	9
1.4	Population Distribution by District, North Bank East Region- 2011	10
1.5	Population Distribution by District, Lower River Region – 2011	10
1.6	Population Distribution by District, Central river Region - 201	10
1.7	Population Distribution by District, Upper River region - 2011	10
2.0	Vital Statistics	11
2.1	Health Status Indicators	11
2.2	Total Fertility Rate by Region	11
2.3	Un met needs for contraception	11
2.4	Percentage of Population with no Education	12
2.5	Infant Mortality Rate	12
2.6	Under Five Mortality Rate...	12
2.7	Demographic and Socioeconomic Indicators	13
2.8	Health-Related Millennium Development Goal	13
2.9	Health Expenditure Indicators	13
3.0	Health Infrastructure	14
3.1	Health Facilities by Type and Ownership, 2011	14
3.1.1	Number of health facilities by Region – 2011	14
3.2	Number of Hospital Beds by Region and Ownership	14
3.2.1	Number of Beds by Region - 201	14
3.2.2	Proportion of Beds per 10, 000 Population and Turnover Per Bed by Region	14
3.3	Health workers	15
3.3.1	Distribution of Health Professionals by Region	15
3.3.2	Health workers graduating from health training institutions per 100 000 population	16
3.3.3	Proportion of health work force per 10, 000 Population by Region	16
3.3.4	Regional Administrative Staff	17
3.3.5	Central level Administrative Staff	17
3.3.6	Senior Management Team Central Level	18
4.0	Health Service Outputs	19
4.1	Clinic Attendance..	19
4.1.1	Number of Outpatient Attendance by Region	19
4.1.2	Percentage of Outpatient Attendance by gender	19
4.1.3	Number of Infant Welfare Clinic Attendance by Region	19
4.1.4	Percentage of New Infant Welfare Clinic Attendance by sex by Region	20
4.1.5	Number of Ante Natal Clinic Attendance by Region	20
4.1.6	Percentage of Registered Ante Natal Mothers by Age category by Region	20
4.1.7	Number of RCH clinics schedule, held and cancelled by Region	21
4.1.8	Percentage of RCH clinics conducted and cancelled by Region	21
4.2	Out Patient Cases	22
4.2.1	Outpatient Attendance Utilization	22
4.2.2	Number of Uncomplicated confirmed Malaria by Region	22

4.2.3	Number of Sexually Transmitted Diseases reported by Region	22
4.2.4	Number of INMCI Cases by Region	23
4.2.5	Number of INMCI Cases by Region	23
4.2.6	Number of IMNCI Cases by Region	23
4.2.7	Number of Maternal conditions by Region	24
4.2.8	Number of Diseases reported on ≥ 5 by Region	24
4.2.9	Number of Diseases reported on ≥ 5 by Region...	24
4.2.10	Number of Eye conditions by region	25
4.2.11	Number of Non Communicable Diseases cases by Region	25
4.2.12	Number of Accident cases by Region	25
4.2.13	Number of Accident cases by Region	26
4.2.14	Number of Mental Disorder by region	26
4.2.15	Number of Oral Disorder cases by Region	26
4.3	Inpatient Admissions	27
4.3.1	Number of Inpatient Admission by Region	27
4.3.2	Number of Admission due to Severe confirmed Malaria by Region	27
4.3.3	Number of Admission due to Sexually Transmitted Diseases by Region	27
4.3.4	Number of Admission due to IMNCI Cases by Region	28
4.3.5	Admission due to IMNCI Cases by Region	28
4.3.6	Number of Admission due to Maternal conditions by Region	28
4.3.7	Number of Admission due to Diseases reported on ≥ 5 by Region	29
4.3.8	Number of Admission due to Diseases reported on ≥ 5 by Region	29
4.3.9	Number of Admission due to Eye conditions by region	29
4.3.10	Number of Admission due to Non Communicable Diseases cases by Region	30
4.3.11	Number of Admission due to Accident cases by Region	30
4.3.12	Number of Admission due to Accident cases by Region	30
4.3.13	Number of Admission due to Mental Disorder by region	31
4.3.14	Number of Admission due to Oral Disorder by Region	31
4.4	Deaths	32
4.4.1	Number of Deaths reported by Health facilities	32
4.4.2	Deaths on arrival at Health facilities	32
4.4.3	Number of Deaths reported by the Village Health Services	32
4.4.4	Number of Deaths due to Severe confirmed Malaria by Region	33
4.4.5	Number of Deaths due to Sexually Transmitted Diseases by Region	33
4.4.6	Number of Deaths due to IMNCI Cases by Region	33
4.4.7	Number of Deaths due to IMNCI Cases by Region	34
4.4.8	Number of Deaths due to Maternal conditions by Region	34
4.4.9	Number of Deaths due to Diseases reported on ≥ 5 by Region	34
4.4.10	Number of Deaths due to Non Communicable Diseases cases by Region	35
4.4.11	Number of Deaths due to Accident cases by Region	35
4.4.12	Number of Deaths due to Accident cases by Region	35
4.4.13	Number of Deaths due to Mental Disorder by region	36
4.4.14	Number of Deaths due to to Oral Disorder by Region	36
5.0	Birth Registration	37
5.1	Number of Birth Registration by Region- (Gambian Parents)	37
5.2	Number of Birth Registration by Region - (Non Gambian Parents)	37
5.3	Number of Birth Registration by Region- (Births Outside Gambia)	37
6.0	Reproductive Health Services	38

6.1	Ante natal care	38
6.1.1	Number and Percentage of Women 15 to 49 years that was pregnant	38
6.1.2	Number of Doses of Intermittent Preventive Therapy Administered to Registered Ante Natal mothers by Region	38
6.1.3	Percentage of Registered Ante Natal mothers who received 1 ST and 2 ND Doses of Intermittent Preventive Therapy by Region	38
6.2	Deliveries	39
6.2.1	Number of Deliveries conducted at Health Facilities by Region	39
6.2.2	Number of Stillbirths by category reported by the Health Facilities	39
6.2.3	Number of Deliveries conducted at the Village Health Services by Region	39
6.2.4	Percentage of Institutional Deliveries, Deliveries conducted by Midwives and Deliveries outcome by the Region	40
6.2.5	Percentage of Stillbirths by category reported by the Health Facilities	40
6.3	Family Planning Services	41
6.3.1	Number of clients counseled for Family Planning Services by Region	41
6.3.2	Number of New Family Planning Services Acceptors by Method	41
6.3.3	Number of New Family Planning Services Acceptors by Method	41
6.3.4	Number of New Family Planning Services Acceptors by Method	42
6.3.4	Number of New Family Planning Services Acceptors by Method	42
6.3.6	Number of Family Planning Services Revisit by Method	42
6.3.7	Number of Family Planning Services Revisit by Method	43
6.3.8	Number of Family Planning Services New Acceptors at the Village Health Services	43
6.3.9	Number of Family Planning Services Revisits at the Village Health Services	43
6.3.10	Consumption of Family Planning commodities by region	44
6.4	Obstetric/ Labour and Deliveries Care	45
6.4.1	Percentage of Obstetric/ Labour and Deliveries Care conditions	45
6.4.2	Number of Obstetric/ Labour and Deliveries Care cases reported by Region	45
6.5	Post Natal Care	46
6.5.1	Number of Post Natal Care conditions reported by Region	46
6.5.2	Number of Post Natal Care conditions reported by Region	46
6.5.3	Number of Post Natal Care conditions reported by Region	46
6.5.4	Number of Post Natal Care conditions reported by Region	47
7.0	Referral	48
7.1	Total number of referrals from Health facilities by gender	48
7.2	Percentage of referrals by gender	48
8.0	Public Health Inspection	49
8.1	Number of Meat inspections	49
8.2	Number of Abatement notices	49
8.3	Number of Complaints	49
9.0	Public Health Services	50
9.1	Prevalence of HIV in Ante Natal Clinic Sentinel Surveillance Sites	50
9.2	Number of cases of selected Notifiable Diseases reported	50
9.3	Tuberculosis Case Detection per 100,000 Population	51
9.4	Tuberculosis Cure Rate	51
9.5	Tuberculosis Success Rate	51

9.6	Case Notification from 2006 to 2011	51
9.11	Number of Doses of Coartem administered by the Health facilities	52
10.0	Laboratory Services	53
10.1	Number of Laboratory Test conducted in Western Health Region	53
10.2	Number of Laboratory Test conducted in North Bank West Region	53
10.3	Number of Laboratory Test conducted in North Bank East Region	54
10.4	Number of Laboratory Test conducted in Lower River Regionl	54
10.5	Number of Laboratory Test conducted in Central River Region	55
10.6	Number of Laboratory Test conducted in Upper River Region	55
10.7	Total Number of Laboratory Test conducted	56
11.0	HIV Counseling and Testing	57
11.1	Number of HIV Counseling and Testing conducted in Western Health Region	57
11.2	Number of HIV Counseling and Testing conducted in North Bank West Region	57
11.3	Number of HIV Counseling and Testing conducted in North Bank East Region	57
11.4	Number of HIV Counseling and Testing conducted in Lower River Region	58
11.5	Number of HIV Counseling and Testing conducted in Central River Region	58
11.6	Number of HIV Counseling and Testing conducted in Upper River Region	58
11.7	Total Number of HIV Counseling and Testing conducted	59
12.0	Prevention of Mother To Child Transmission	59
13.0	Anti Retroviral Therapy	59
14.0	Consumption of Essential Medicines	60
15.0	Consumption of Vaccines	61
16.1	Number of Doses of Vaccines administered by region	62
16.2	Number of Doses of Vaccines administered by region	63
17.0	Expanded Programme on Immunization	64
17.1	Actual coverage by Antigen from 2002 to 2010	64
17.2	Actual coverage by Antigen reported by the regions - 2010	64
17.3	The Gambia Routine Administrative Data 2007	64
17.4	The Gambia Routine Administrative Data 2008	65
17.5	The Gambia Routine Administrative Data 2009	65
17.6	The Gambia Routine Administrative Data 2010	65
18.0	Village Health Services	66
18.1.1	Total number of patients seen by the Village Health Workers	66
18.1.2	Number of Suspected measles reported by the Village Health Workers	66
18.1.3	Number of Fast breathing reported by the Village Health Workers	66
18.1.4	Number of Diarrhoea reported by the Village Health Workers	65
18.1.5	Number of Uncomplicated malaria confirmed with RDT reported by the Village Health Workers	65
18.1.6	Number of Pregnant women with uncomplicated malaria confirmed with RDT reported by the Village Health Workers	65
18.1.7	Number of Artemether-lummefantrine issued by the Village Health Workers	66
18.2	Family Planning Services	66
8.2.1	1 Condom consumption at the VHS	66
18.3	Number of Referrals by VHWs to the health facilities	66
17.6	The Gambia Routine Administrative Data 2010	63
18.0	Village Health Services	64
18.1.1	Total number of patients seen by the Village Health Workers	64

18.1.2	Number of Suspected measles reported by the Village Health Workers	64
18.1.3	Number of Fast breathing reported by the Village Health Workers	64
18.1.4	Number of Diarrhoea reported by the Village Health Workers	67
18.1.5	Number of Uncomplicated malaria confirmed with RDT reported by the Village Health Workers	67
18.1.6	Number of Pregnant women with uncomplicated malaria confirmed with RDT reported by the Village Health Workers	67
18.1.7	Number of Artemether-Lummefantrine issued by the Village Health Workers	68
18.2	Family Planning Services	68
8.2.1	1 Condom consumption at the VHS	68
18.3	Number of Referrals by VHWs to the health facilities	68
18.4	Number of home visits conducted by the VHS	69
18.5	Number of Postnatal visits conducted by the TBAs	69
18.6	Family Planning Services conducted by the TBAs	69
18.7	Number of Referrals by the TBAs to health facilities	70
18.8	Number of Supervisory visits and Clinical activities conducted by the CHN	70
18.9	Number of Other activities conducted by the CHN	70
18.10	Number of At risk children visited by the CHN	71
18.11	Number of Leprosy/TB patients receiving DOTS in the Village Health Services	71
19.0	Top Causes of Outpatient Morbidity	72
20.0	Top Causes of Inpatient Admission	72

List of Acronyms

ANC Ante Natal Care
CHN Community Health Nurse
CRR Central River Region
EMIS Education Management Information System
HIV Human Immuno –deficiency Virus
HMIS Health Management Information System
IMNCI Integrated Management of New born and Childhood Management
LRR Lower River Region
MICS Multiple Indicator Cluster Survey
MMS Maternal Mortality Survey
NBER North Bank East Region
NBWR North Bank West Region
NGO Non Governmental Organizations
PHC Primary Health Care
PMTCT Prevention of Mother To Child Transmission
RCH Reproductive and Child Health
RDT Rapid Diagnosis Test
TBA Traditional Births Attendant
URR Upper River Region
VHS Village Health Services
VHW Village Health Worker
WHR Western Health Region

1.0 Demography and Vital Statistics

1.1 National Target Population by Region - 2011

	Region	Regional Projection	Target Population less than 1 year	Target Population less than 5 years	Target Population Women 15 to 49 years	Expected pregnancy
1	Western Health Region	983, 991	37, 392	172, 198	252, 842	42, 312
2	North Bank West Region	115, 122	4, 375	20, 146	52, 535	4, 950
3	North Bank East Region	112, 427	4, 272	19, 675	51, 305	4, 834
4	Lower River Region	95, 013	3, 610	16, 627	42, 362	4, 086
5	Central River Region	244, 491	9, 291	42, 786	110, 251	12, 316
6	Upper River Region	240, 387	9, 135	42, 068	111, 871	10, 337
7	National	1, 791, 431	68, 075	313, 500	621, 166	78, 835

Source: Census, 2003 (Projection)

1.2 Western Health Region Target Population by District - 2011

	District	Regional Projection	Target Population less than 1 year	Target Population less than 5 years	Expected pregnancy
1	Banjul	46160	1754	8078	1985
2	Kanifing	424903	16146	74358	18271
3	Kombo North	219200	8330	38360	9426
4	Kombo South	81120	3083	14196	3488
5	Kombo Central	110982	4217	19422	4772
6	Kombo East	36790	1398	6438	1582
7	Foni Brefet	14248	541	2493	613
8	Foni Bintang	19928	757	3487	857
9	Foni Kansala	14947	568	2616	643
10	Foni Bondali	8005	304	1401	344
11	Foni Jarrol	7709	293	1349	331
12	Total	983992	37391	172198	42312

Source: Census, 2003 (Projection)

1.3 North Bank West Region Target Population by District - 2011

	District	Regional Projection	Target Population less than 1 year	Target Population less than 5 years	Expected pregnancy
1	Lower Niumi	58, 733	2232	10278	2526
2	Upper Niumi	32, 860	1249	5751	1413
3	Jokado	23, 528	894	4117	1012
4	Total	115, 121	4, 375	20, 146	5, 055

Source: Census, 2003 (Projection)

1.4 North Bank East Region Target Population by District – 2011

	District	Regional Projection	Target Population less than 1 year	Target Population less than 5 years	Expected pregnancy
1	Lower Badibou	20208	768	3536	869
2	Central Badibou	20120	765	3521	865
3	Upper Badibou & Sabach Sanjal	72099	2740	12617	3100
4	Total	112427	4272	19675	4834

Source: Census, 2003 (Projection)

1.5 Lower River Region Target Population by District – 2011

	District	Regional Projection	Target Population less than 1 year	Target Population less than 5 years	Expected pregnancy
1	Kiang West	19235	731	3366	827
2	Kiang Central	10377	394	1816	446
3	Kiang East	8571	326	1500	369
4	Jarra West	31887	1212	5580	1371
5	Jarra Central	8558	325	1498	368
6	Jarra East	16385	623	2867	705
7	Total	95013	3611	16627	4087

Source: Census, 2003 (Projection)

1.6 Central River Region Target Population by District - 2011

	District	Regional Projection	Target Population less than 1 year	Target Population less than 5 years	Expected pregnancy
1	Lower Saloum	17858	679	3125	768
2	Upper Saloum	19955	758	3492	858
3	Nianija	10934	415	1913	470
4	Niani	29279	1113	5124	1259
5	Sami	25312	962	4430	1088
6	Niamina Dankunku	7802	296	1365	335
7	Niamina West	8659	329	1515	372
8	Niamina East	25436	967	4451	1094
9	Fuladu West	95012	3610	16627	4085
10	Jan Jan Bureh	4243	161	743	1985
11	Total	244490	9290	42785	12314

Source: Census, 2003 (Projection)

1.7 Upper River Region Target Population by District - 2011,

	District	Regional Projection	Target Population less than 1 year	Target Population less than 5 years	Expected pregnancy
1	Fuladu East (Jimara, Basse & Tumana)	129126	4907	22597	5552
2	Kantora	39505	1501	6913	1699
3	Wulli (West & East)	47657	1811	8340	2049
4	Sandou	24098	916	4217	1036
	Total	240386	9135	42067	10336

Source: Census, 2003 (Projection)

2.0 Vital Statistics

2.1 Health Status Indicators

Indicator	2001	2003	2006	2010
Infant Mortality Rate (per 1,000 live births)	84	75		81
Under 5 Mortality Rate (per 1,000 live births)	135	99		109
Crude Birth Rate (per 1,000)		46		
Crude Death Rate (per 1,000)		9		
Life Expectancy at birth (in years)		64		
Total Fertility Rate		5.35		

Source: MMS, 2001; Census, 2003, MICS, 2010

2.2 Total Fertility Rate by Region

Region	2003
Banjul	3.9
Kanifing	4.0
Brikama	5.0
North Bank Region	5.8
Lower River Region	6.1
Central River Region - North	6.2
Central River Region – South	6.0
Upper River Region	6.2
Total	5.4

Source: Census, 2003

2.3 Un met needs for contraception

Region	2010
Banjul	15.7
Kanifing	14.4
Brikama	18.1
North Bank Region	24.4
Lower River Region	13.8
Central River Region - North	17.2
Central River Region – South	11.7
Upper River Region	14.9
Urban	16.7
Rural	17.3
Total	17.0

Source: MICS, 2010

2.4 Enrolment rates by region 2007/08 to 2008/09

Region	2007-2008		2008-2009	
	Male	Female	Male	Female
Banjul	115.0	107.0	110.0	107.0
Kanifing	89.0	86.0	93.0	93.0
West Coast Region	72.0	74.0	75.0	77.0
North Bank Region	55.0	64.0	61.0	66.0
Lower River Region	74.0	76.0	77.0	79.0
Kuntaur	63.0	81.0	52.0	67.0
Jan jan Bureh	55.0	69.0	52.0	66.0
Upper River Region	58.0	57.0	87.0	81.0
Total	70.0	74.0	75.0	78.0

Source: EMIS 1991/92-2008/09

2.5 Infant Mortality Rate per 1000 live birth

Region	Infant Mortality Rate			
	2010	2006	2003	1993
Banjul	51	Banjul & Kanifing 88	36	59
Kanifing	76		51	64
Brikama	74	76	71	84
North Bank Region	77	90	81	85
Lower River Region	74	104	96	103
Central River Region	CRRN-86, CRRS-85	CRRN-124, CRRS-109	CRRN-94, CRRS-92	85
Upper River Region	98	121	82	97
Total	81	93	75	84

Source: Census, 1993, Census, 2003, MICS 2006, & MICS 2010

2.6 Under Five Mortality Rate per 1000 live birth

Region	Under Five Mortality Rate			
	2010	2006	2003	1993
Banjul	62	Banjul & Kanifing 122	41	91
Kanifing	102		61	100
Brikama	99	100	93	134
North Bank Region	101	126	109	137
Lower River Region	98	154	137	169
Central River Region	CRRN-119 CRRS-115	CRRN-195, CRRS-165	CRRN-134, CRRS-128	137
Upper River Region	142	188	110	158
Total	109	131	99	135

Source: Census, 1993, Census, 2003, MICS 2006, & MICS 2010

2.7 Demographic and Socioeconomic Indicators

Indicator	Value
Population density (per sq. km)	127
Population age structure (%) (<u>Male</u>)	49%
Population age structure (%) (<u>Female</u>)	51%
Proportion of population below 15 years (%) (2003)	12.58
Proportion of population above 60 years (%) (2003)	1.66
Proportion of population living in urban areas (%) (2003)	50.4
Coverage of birth registration (%) (2100)	52.5
Life expectancy at birth (<u>both sexes</u>) (2003)	64
Net primary school enrolment ratio - <u>Male</u> (%) (2003)	63.0
Net primary school enrolment ratio - <u>Female</u> (%) (2003)	61.9
Gross Domestic Product growth (2011)	5.4%

Source: census 2003, MICS 2006,

2.8 Health-Related Millennium Development Goals

	Indicator	Value
1	Adolescent fertility rate (per 1,000 girls aged 15-19 years)	118
2	Unmet need for Family Planning	21.5%
3	Prevalence of HIV among aged 15 years to 24 years.	1.94%
4	Proportion of Males aged 15-24 years with comprehensive correct knowledge of HIV/AIDS	97%
5	Children aged less than 5 years sleeping under insecticide-treated bed-nets	62.3%
6	Children aged less than 5 years who received any antimalarial treatment for fever	78.5%
7	Access to improved drinking-water sources	85.8%
8	Access to improved sanitation	76.3%
9	Infants exclusively breastfed for the first 6 months of life	40.8%
10	Alcohol consumption among adults aged 15 years and above (liters per person per year)	2
11	Prevalence of tobacco use – Male	31.3%
12	Prevalence of tobacco use – Female	1%

Source: Census, 2003; BSS 2005; WHO, 2010; MIS, 2010; MICS, 2010

2.9 Health Expenditure Indicators

	Indicator	2011	2010	2002	2003	2004
1	Health allocation as percentage of National Budget	11.08%	10.19%	10.96%	11.20%	13.36%
2	The Total Health Expenditure as percentage of GDP	NA	NA	16.1%	13.9%	14.9%
3	Total Health Expenditure per capita	NA	NA	\$34	\$39	\$46
4	Percentage of General Government Health Expenditure from external loans	NA	NA	34.2%,	24.1%	40.4%
5	The per capita of General Government Health Expenditure	NA	NA	\$27	\$31	\$38
6	The households, through direct out-of-pocket payments to health care providers	NA	NA	12%	11%	9%
7	Total expenditure on health as % of gross domestic product	1.4%	NA	NA	NA	NA
8	General government expenditure on health as % of total government expenditure	11.06%	NA	NA	NA	NA
9	Per capita total expenditure on health at average exchange rate (US\$)	US\$8.93	NA	NA	NA	NA

Source: NHA, 2007; Budget, 2011, Budget Estimate, 2012

3.0 Health Infrastructure

3.1 Health Facilities by Type and Ownership, 2011

3.1.1 Number of health facilities by Region – 2011

Type of Health Facilities	WHR	NBWR	NBER	LRR	CRR	URR	Total
Public Health Centre	9	5	6	4	9	7	39
Public Hospitals	5	0	1	0	1	0	7
Community Clinics	20	0	0	4	0	7	31
Village OPD Clinics	11	5	5	2	3	0	26
NGO Clinics	16	1	1	1	2	2	24
Security Services Clinics	7	0	2	1	1	1	12
Research Institutions	3	0	0	1	0	1	5
Private Clinics	19	0	0	1	2	0	22
Special Clinics	2	0	1	0	1	0	4
PHC Key Village	15	9	9	8	17	12	70
PHC Villages	113	79	89	68	94	103	546
RCH Out Reach Clinics	33	32	27	30	57	53	232
RCH Base Clinics	15	5	7	5	9	7	48
Total Number per region	268	136	148	165	156	193	1066

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3.2 Hospital Bed Utilization Statistics

3.2.1 Number of Beds by Region - 2011

Region	Number of beds				
	Labour & Post Natal Ward	Children Ward	General Ward	Eye Ward	Total
Western Health Region	199	241	965	189	1,594
North Bank West Region	43	24	43	6	116
North Bank East Region	38	59	46	70	249
Lower River Region	11	10	25	45	91
Central River Region	59	107	116	67	349
Upper River Region	19	20	36	84	159
Total	369	461	1,231	461	2,558

HMIS, 2011

3.2.2 Proportion of Beds per 10,000 Population and Turnover Per Bed by Region – 2011

Region	Population Ratio per 10,000	Turnover Per Bed	Turnover per Labour /Maternity Beds
Western Health Region	16.20	8.57	193.51
North Bank West Region	10.08	44.11	56.95
North Bank East Region	22.15	20.16	73.29
Lower River Region	9.58	40.37	123.09
Central River Region	14.27	23.29	52.29
Upper River Region	6.61	45.11	245.26
Total	14.28	14.08	143.26

HMIS, 2011

3.3 Health workers

3.3.1 Distribution of Health Professionals by Region

	NBWR	NBER	CRR	URR	LRR	WHR	Total
Medical Officer	5	13	1	10	4	142	175
State Certify Midwives	3	4	7	4	3	67	88
State Registered Nurse	5	11	13	7	6	122	164
State Enrolled Midwives	9	10	10	13	4	107	153
State Enrolled Nurse	19	20	37	12	8	129	225
Community Health Midwives	8	6	8	7	12	71	112
Community Health Nurse	18	28	30	35	15	50	176
Public Health Officer	9	13	14	15	9	48	103
Lab Technologist	0	0	0	1	0	4	5
Lab Technicians	1	1	1	2	1	37	42
Lab Assistant	3	14	13	6	4	53	93
Pharmacist	0	0	0	0	0	2	2
Pharmacy Technician	0	0	0	0	0	9	9
Pharmacy Assistant	0	4	0	0	0	42	46
Nutritionist	0	0	1	1	0	0	2
Dentist	0	0	0	0	0	3	3
Dental Technician	0	0	0	0	0	1	1
Dental Assistant	0	0	0	0	0	4	4
Radiologist	0	0	0	0	0	1	1
Radiology Technician	0	2	2	0	0	2	6
Radiology Assistant	0	0	3	0	0	7	10
Physiotherapist	0	0	0	0	0	0	0
Physiotherapy Technician	0	0	0	0	0	0	0
Physiotherapy Assistant	0	0	0	0	0	6	6
Senior Ophthalmic Medical Assistant	1	2	2	2	1	3	11
Ophthalmic Medical Assistant	0	1	1	1	0	0	3
Optometrist	0	0	0	0	0	1	1
SEN Ophthalmic	1	0	3	1	0	12	17
CHN Ophthalmic	0	0	0	1	0	4	5
Leprosy / Tuberculosis Inspector	0	1	1	2	0	1	5
SEN. Leprosy / Tuberculosis Inspector	1	0	0	0	0	3	4
CHN . Leprosy / Tuberculosis Inspector	1	0	0	0	0	6	11
Nurse Attendants	20	131	54	26	13	385	629
Orderlies	25	79	78	50	23	377	632
Laundress	4	15	12	4	4	41	80
Village Health Workers	79	89	94	103	68	113	546
Traditional Birth Attendants	79	89	94	103	68	113	546
Midwives	20	20	25	24	19	245	353
Nurses	42	59	80	54	29	301	565

HMIS, 2011

3.3.2 Health workers graduating from health training institutions per 100 000 population in 2011

	Number	Per 100 000 population
Registered Nurse	40	2.23
Registered Midwives	0	0.00
State Enrolled Nurse	44	2.46
State Enrolled Midwives	21	1.17
Community Health Nurse	41	2.29
Community Health Midwives	28	1.56
Public Health Officers	39	2.18
Nurse	125	6.98
Midwives	49	2.74

HMIS, 2011

3.3.3 Proportion of health work force per 10, 000 Population by Region – 2011

	NBWR	NBER	CRR	URR	LRR	WHR	Total
Medical Officer	0.43	1.16	0.04	0.42	0.42	1.44	0.98
State Certify Midwives	0.26	0.36	0.29	0.17	0.32	0.68	0.49
State Registered Nurse	0.43	0.98	0.53	0.29	0.63	1.24	0.92
State Enrolled Midwives	0.78	0.89	0.41	0.54	0.42	1.09	0.85
State Enrolled Nurse	1.65	1.78	1.51	0.50	0.84	1.31	1.26
Community Health Midwives	0.69	0.25	0.33	0.29	1.26	0.72	0.01
Community Health Nurse	1.56	2.49	1.23	1.46	1.58	0.51	0.98
Public Health Officer	0.78	1.16	0.57	0.62	0.95	0.44	0.57
Lab Technologist	0	0	0	0.04	0.00	0.04	0.03
Lab Technicians	0.09	0.09	0.04	0.08	0.11	0.38	0.23
Lab Assistant	0.26	1.25	0.53	0.25	0.42	0.54	0.52
Pharmacist	0	0	0	0	0	0.02	0.01
Nurse Attendants	1.74	11.65	2.21	1.08	1.37	3.91	3.51
Orderlies	2.17	7.03	3.19	2.08	2.42	3.83	3.53
Laundress	0.35	1.33	0.49	0.17	0.42	0.42	0.45
Village Health Workers	6.86	7.92	3.84	4.28	7.16	1.15	3.05
Traditional Birth Attendants	6.86	7.92	3.84	4.28	7.16	1.15	3.05
Midwives	1.74	1.78	1.02	1.00	2.00	2.49	1.97
Nurses	3.65	5.25	3.27	2.25	3.05	3.06	3.15

HMIS, 2011

3.3.4 Regional Administrative Staff

	Director	RPHO	RPHO	SAO	RVCO	RHEPO	CHNT	LTI	RNO	RSM
WHR	1	2	2	1	1	1	1	1	1	1
NBWR	1	1	1	1	1	1	1	0	1	1
NBER	1	1	1	1	1	1	1	1	1	1
LRR	1	1	1	1	1	1	1	0	1	1
CRR	1	1	1	1	1	1	1	0	1	1
URR	1	1	1	1	0	1	1	0	1	1
Total	6	7	7	6	5	6	6	2	6	6

HMIS, 2011

3.3.5 Central level Administrative Staff

Unit	Male	Female
Health Education Unit	3	2
Expanded Programme on Immunization	6	1
Traditional Medicine	2	0
Reproductive and Child Health	6	2
Leprosy and Tuberculosis unit	8	3
Registration of Births and Deaths	8	4
Environmental Health Unit	8	0
Occupational Health Unit	0	1
Vector Control Unit	1	0
Account Unit	5	3
National AIDS Control Programme Unit	3	2
INMCI Unit	3	0
National Eye Care Programme Unit	2	3
National Malaria Control Programme	12	2
Health Management Information System	3	1
Information and Communication Technology	5	1
Epidemiology and Disease Control	5	0
Human Resource for Health	3	3
Maintenance Policy	3	0
Health System Research	1	0
Quality Control	1	0
Bamako Initiative	1	0
Records	2	3
Planning and Monitoring	2	0
Policy, Planning and Budget	2	1
National Pharmaceutical Services	6	5
Total	101	37

HMIS, 2011

3.3.6 Senior Management Team Central Level

Position	Male	Female
Honourable Minister of Health	0	1
Permanent Secretary	1	0
Deputy Permanent Secretary	2	0
Directors	4	1
Deputy Directors	1	1
Chiefs	1	2
Deputy chiefs	1	1
Principal / Senior Assistant Secretary	1	1
Total	11	7

HMIS, 2011

4.0 Health Service Outputs

4.1.1 Clinic Attendance

4.1.1 Number of Outpatient Attendance by Region - 2011

Region	Under 5 years of age		5 to 14 years of age		Over 14 years of age		Total outpatient attendance	
	Male	Female	Male	Female	Male	Female	Male	Female
WHR	101,407	95,177	88,034	95,719	166,816	186,705	356,257	377,601
NBWR	15,639	13,435	11,780	13,619	19,442	33,165	46,861	60,219
NBER	26,811	25,619	10,613	10,273	22,221	40,334	59,645	76,226
LRR	19,368	18,293	8,727	9,882	16,770	35,641	44,865	63,816
CRR	39,910	38,292	21,302	26,159	40,617	64,699	101,829	129,150
URR	36,294	36,717	20,462	19,696	31,632	55,734	88,388	112,147
Total	239,429	227,533	160,918	175,348	297,498	416,278	697,845	819,159

Source: HMIS, 2011

4.1.2 Percentage of Outpatient Attendance by gender– 2011

Region	Under 5 years of age		5 to 14 years of age		Over 14 years of age		Total outpatient attendance	
	Male	Female	Male	Female	Male	Female	Male	Female
WHR*	51.58 %	48.42 %	47.91 %	52.09 %	47.19 %	52.81 %	48.55 %	51.45 %
NBWR	53.79 %	46.21 %	46.38 %	53.62 %	36.96 %	63.04 %	43.76 %	56.24 %
NBER	51.14 %	48.86 %	50.81 %	49.19 %	35.52 %	64.48 %	43.90 %	56.10 %
LRR	51.43 %	48.57 %	46.90 %	53.10 %	32.00 %	68.00 %	41.28 %	58.72 %
CRR	51.03 %	48.97 %	44.88 %	55.12 %	38.57 %	61.43 %	44.09 %	55.91 %
URR	49.71 %	50.29 %	50.95 %	49.05 %	36.21 %	63.79 %	44.08 %	55.92 %
Total	51.27%	48.73%	47.85%	52.15%	41.68%	58.32%	46.00%	54.00%

HMIS, 2011 *Exclude RVTH, SKGH, SJGH

4.1.3 Number of Infant Welfare Clinic Attendance by Region - 2011

Region	New attendances < 1 year of age		All other attendances		Total infant welfare clinic attendance	
	Male	Female	Male	Female	Male	Female
Western Health Region	34,782	28,006	217,343	183,207	252,125	211,213
North Bank West Region	1,996	1,843	33,815	37,296	35,811	39,139
North Bank East Region	2,247	2,227	38,955	39,887	41,202	42,114
Lower River Region	1,893	1,879	27,429	27,734	29,322	29,613
Central River Region	5,545	5,029	68,199	67,940	73,744	72,969
Upper River Region	4,830	4,592	73,269	75,654	78,099	80,246
Total	51,293	43,576	459,010	431,718	510,303	475,294

Source: HMIS, 2011

4.1.4 Percentage of New Infant Welfare Clinic Attendance by sex by Region – 2011

Region	New attendances < 1 year of age	
	Male	Female
Western Health Region	55.40 %	44.60 %
North Bank West Region	47.78 %	52.22 %
North Bank East Region	49.45 %	50.55 %
Lower River Region	49.75 %	50.25 %
Central River Region	50.26 %	49.74 %
Upper River Region	51.26 %	48.74 %
Total	54.07 %	45.93 %

Source: HMIS, 2011

4.1.5 Number of Ante Natal Clinic Attendance by Region – 2011

Region	First attendance =< 15 years of age	First attendance over 15 years of age	All other attendances	Total antenatal clinic attendance
WHR	2, 815	34, 991	96, 154	133, 960
NBWR	225	4, 711	9, 358	14, 327
NBER	463	5, 746	10, 246	16, 455
LRR	19	3, 979	6, 101	10, 099
CRR	300	12, 066	21, 441	33, 807
URR	507	12, 162	25, 170	37, 839
Total	4, 329	73, 655	168, 470	246, 487

Source: HMIS, 2011

4.1.6 Percentage of Registered Ante Natal Mothers by Age category by Region – 2011

Region	First attendance =< 15 years of age	First attendance over 15 years of age
Western Health Region	7.45 %	92.55 %
North Bank West Region	4.53 %	95.47 %
North Bank East Region	7.46 %	92.54 %
Lower River Region	0.48 %	99.52 %
Central River Region	2.43 %	97.57 %
Upper River Region	4.00 %	96.00 %
Total	5.55 %	94.45 %

Source: HMIS, 2011

4.1.7 Number of RCH clinics schedule, held and cancelled by Region – 2011

Region	WHR	NBWR	NBER	LRR	CRR	URR	Total
Total Clinics Scheduled	3, 162	658	566	503	1, 219	902	7, 010
Clinics Held	3, 159	657	564	503	1, 209	901	6, 993
Clinics Cancelled	3	1	2	0	10	1	17
Clinics Cancelled Because Of Holiday	3	1	2	0	10	1	17
Clinics Cancelled Because Of Vehicle Unavailability	0	0	0	0	0	0	0
Clinics Cancelled Because Of Fuel Unavailability	0	0	0	0	0	0	0
Clinics Cancelled Because Of Staff Unavailability	0	0	0	0	0	0	0
Other reasons for cancelling	0	0	0	0	0	0	0

Source: HMIS, 2011

4.1.8 Percentage of RCH clinics conducted and cancelled by Region – 2011

	Clinics Held	Clinics Cancelled	Clinics Cancelled Because of Holiday	Clinics Cancelled Because of Vehicle Unavailability	Clinics Cancelled Because of Fuel Unavailability	Clinics Cancelled Because of Staff Unavailability	Clinics Cancelled Because of Other Reasons
WHR	99.91%	0.09%	0.09%	0%	0%	0%	0%
NBWR	99.85%	0.15%	0.15%	0%	0%	0%	0%
NMER	99.65%	0.35%	0.35%	0%	0%	0%	0%
LRR	100%	0%	0%	0%	0%	0%	0%
CRR	99.18%	0.82	0.82%	0%	0%	0%	0%
URR	99.89%	0.11%	0.11%	0%	0%	0%	0%
Total	99.76%	0.24%	0.24%	0%	0%	0%	0%

Source: HMIS, 2011

4.2 Out Patient Cases

4.2.1 Outpatient Attendance Utilization.

Region	Outpatient Attendant per capita	Uncomplicated Malaria as Percentage of Outpatient Attendant.	Utilization Rate of Outpatient Services
Western Health Region	0.76	23.54%	75.58%
North Bank West Region	1.10	7.13%	110.36%
North Bank East Region	1.29	4.40%	129.16%
Lower River Region	1.23	4.59%	123.36%
Central River Region	1.00	12.16%	99.64%
Upper River Region	0.89	19.87%	89.19%
Total	0.89	16.91 %	88.82%

Source: HMIS, 2011

4.2.2 Number of Uncomplicated confirmed Malaria by Region

Region	Uncomplicated confirmed Malaria < 5 years		Uncomplicated confirmed Malaria >= 5 years		Uncomplicated confirmed Malaria in Pregnancy	Total Uncomplicated confirmed Malaria (Health Facilities and Village Health Services)
	Male	Female	Male	Female	Female	
Western Health Region	19542	18856	63381	68849	2905	175044
North Bank West Region	1277	1168	3127	2927	165	9058
North Bank East Region	679	619	2520	2260	88	6390
Lower River Region	535	423	2237	2045	99	5375
Central River Region	4274	4296	9414	10626	834	29623
Upper River Region	5011	4535	14549	14841	991	42609
Total	31316	29897	94319	101559	5082	268099

Source: HMIS, 2011

4.2.3 Number of Sexually Transmitted Diseases reported by Region

Region	Urethral Discharge	Vaginal Discharge	Lower abdominal pain in pregnancy	Other sexually transmitted infections	
				Male	Female
Western Health Region	2164	7440	6306	1729	3096
North Bank West Region	340	1101	1562	272	964
North Bank East Region	179	972	1713	330	977
Lower River Region	238	999	1036	138	610
Central River Region	901	2318	3035	683	1549
Upper River Region	649	2327	6905	244	870
Total	4471	15157	20557	3396	8066

HMIS, 2011

4.2.4 Number of INMCI Cases by Region

Region	Malnutrition		Anaemia		Pneumonia		Diarrhoea	
	Male	Female	Male	Female	Male	Female	Male	Female
WHR	531	797	2511	2996	8871	8705	14834	14019
NBWR	56	76	182	263	2429	2368	3299	2975
NBER	40	39	244	214	4089	3707	4590	3956
LRR	409	313	438	403	3434	3326	3292	2793
CRR	394	521	663	872	7793	7792	7588	7338
URR	152	181	390	427	5007	4068	5528	5249
Total	1582	1927	4428	5175	31623	29966	39131	36330

Source: HMIS, 2011

4.2.5 Number of IMNCI Cases by Region

Region	Low weight with Anaemia		No pneumonia: cough or cold		Serious possible bacterial infection		Skin Disorder		Acute ear infection	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR	141	217	28699	29858	1425	1353	17486	17190	2280	2104
NBWR	39	224	5, 437	5, 506	416	414	3, 242	3, 519	356	333
NBER	19	28	6, 205	6, 232	448	416	3, 596	3, 477	452	388
LRR	80	41	3, 948	3, 784	284	255	3, 357	3, 159	461	339
CRR	155	213	8, 225	8, 845	809	937	5, 327	51, 27	667	656
URR	39	55	7, 926	7, 497	191	186	4, 077	3, 983	615	621
Total	473	778	60440	61722	3573	3561	37085	36455	4831	4441

Source: HMIS, 2011

4.2.6 Number of IMNCI Cases by Region

Region	Persistent Diarrhoea		Diarrhoea with some dehydration		Diarrhoea with blood/mucus (Dysentery)		Eye infection		Chronic ear infection	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR	383	366	4574	4247	2466	2166	2523	2461	332	316
NBWR	39	37	433	519	457	395	296	320	93	84
NBER	93	125	372	290	486	421	314	347	50	42
LRR	178	185	261	223	430	422	471	525	92	63
CRR	171	203	1, 006	1, 084	1, 230	1, 099	1, 673	1, 632	201	209
URR	387	316	472	503	750	732	837	829	150	124
Total	1252	1232	7118	6566	5819	5235	6114	6114	918	838

Source: HMIS, 2011

4.2.7 Number of Maternal conditions by Region

Region	Pregnancy induced hypertension / Pre-Eclampsia	Eclampsia	Anaemia in pregnancy
Western Health Region	1439	120	3216
North Bank West Region	187	23	133
North Bank East Region	42	8	301
Lower River Region	317	7	485
Central River Region	358	27	759
Upper River Region	640	86	437
Total	2983	271	5331

Source: HMIS, 2011

 4.2.8 Number of Diseases reported on ≥ 5 by Region

	Differentially able		Helminth infestation		NOMA (Cancrumoris)		Typhoid fever		Pneumonia	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR										
NBWR	175	128	577	688	266	393	155	158	3038	4250
NBER	8	5	248	355	9	16	0	0	758	1, 184
LRR	6	10	398	491	5	7	6	1	1010	1, 531
CRR	5	10	398	491	5	22	18	35	1596	2, 255
URR	9	21	359	466	114	190	13	36	4699	5, 953
Total	12	12	57	98	57	98	27	29	2361	3, 563
WHR	215	186	2027	2589	486	726	219	259	13462	18736

Source: HMIS, 2011

 4.2.9 Number of Diseases reported on ≥ 5 by Region

	Skin disorders		Anaemia		Diarrhoea with blood/mucus	
	Male	Female	Male	Female	Male	Female
Western Health Region	11543	13690	2393	4509	1643	1912
North Bank West Region	2028	2, 311	195	328	278	459
North Bank East Region	2210	2, 88	127	600	206	411
Lower River Region	1807	1, 916	245	948	271	419
Central River Region	3579	4, 284	557	1, 501	677	924
Upper River Region	1802	2, 183	140	346	360	532
Total	22969	24672	3657	8232	3435	4657

Source: HMIS, 2011

4.2.10 Number of Eye conditions by Region

	Cataracts		Trachoma		Conjunctivitis		Ophthalmia neonatium		Glaucoma		Other eye conditions	
	M	F	M	F	M	F	M	F	M	F	M	F
WHR	894	882	361	456	8256	9245	181	245	129	121	2195	2564
NBWR	227	236	56	54	1070	1200	31	33	33	24	375	305
NBER	290	237	64	50	1511	1752	10	9	10	6	547	619
LRR	184	214	62	117	1128	1446	33	31	32	19	612	903
CRR	613	638	97	107	3093	3238	27	30	96	81	1642	1635
URR	700	692	45	43	1802	2112	79	50	86	79	509	603
Total	2908	2899	685	827	16860	18993	361	398	386	330	5880	6629

Source: HMIS, 2011

4.2.11 Number of Non Communicable Diseases cases by Region

	Hypertension		Diabetes		Asthma		Renal failure		Cardiac disorder		Other non-communicable diseases	
	M	F	M	F	M	F	M	F	M	F	M	F
WHR	6263	12506	506	1232	2158	2371	19	14	197	89	5464	2094
NBWR	1874	4451	276	331	444	512	2	6	34	21	986	1936
NBER	1645	4218	113	142	347	373	1	3	17	9	758	1342
LRR	1555	3872	125	171	322	385	11	10	95	68	87	91
CRR	3968	6933	282	316	917	1061	7	3	42	44	3832	6049
URR	3441	6777	89	167	396	574	4	7	32	32	852	920
Total	18746	38757	1391	2359	4584	5276	44	43	417	263	11979	12432

Source: HMIS, 2011

4.2.12 Number of Accident cases by Region

Region	Road traffic accidents		Other injuries		Fracture		Dog bites		Snake bites		Other bites	
	M	F	M	F	M	F	M	F	M	F	M	F
WHR	1207	647	7395	3929	72	24	266	184	124	90	375	357
NBWR	59	27	1,974	1,228	14	7	52	23	16	16	75	55
NBER	203	73	1,959	1,091	34	6	39	9	64	34	159	142
LRR	138	109	1,152	630	20	15	30	17	17	21	90	70
CRR	228	96	1,830	1,059	57	7	96	36	76	30	230	155
URR	965	398	1,882	982	146	64	133	76	32	11	349	248
Total	2800	1350	16192	8919	343	123	616	345	329	202	1278	1027

Source: HMIS, 2011

4.2.13 Number of Accident cases by Region

Region	Fall from height		Ingestion of Harmfull Substances		Burn		Drown	
	M	F	M	F	M	F	M	F
WHR	598	297	122	125	753	855	33	34
NBWR	162	97	22	27	169	178	2	35
NBER	138	72	17	33	128	110	3	2
LRR	126	55	36	41	131	127	1	1
CRR	188	93	26	31	172	179	0	2
URR	197	106	30	33	319	277	6	1
Total	1409	720	253	290	1672	1726	45	75

Source: HMIS, 2011

4.2.14 Number of Mental Disorder by region

Region	Mania		Depression		Drug Induce Psychosis		Organic Psychosis		Epilepsy		Schizophrenia		Other Mental Disorder	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
WHR	31	29	95	164	1053	18	104	53	1771	1567	1805	1294	745	987
NBWR	0	0	4	15	9	0	12	15	267	286	24	30	5	3
NBER	10	8	2	2	7	0	8	9	423	489	18	8	4	4
LRR	5	3	7	12	17	5	3	5	368	484	6	5	14	10
CRR	13	10	27	16	30	2	56	54	949	1134	147	242	31	56
URR	7	3	31	38	2	0	39	51	462	488	42	31	8	7
Total	66	53	166	247	1118	25	222	187	4240	4448	2042	1610	807	1067

HMIS, 2011

4.2.15 Number of Oral Disorder cases by Region – 2011

Region	Toothache		Oral thrust/ulcer		Gingivitis		Dental abcess		Other oral disorders	
	M	F	M	F	M	F	M	F	M	F
Western Health Region	3763	4749	1600	1922	272	344	1443	1676	671	988
North Bank West Region	735	1347	575	837	90	150	326	576	94	118
North Bank East Region	1070	1827	247	344	122	159	620	857	174	192
Lower River Region	741	1158	258	281	74	117	179	289	169	190
Central River Region	1539	2101	567	593	111	112	529	730	822	1053
Upper River Region	580	1163	251	375	33	52	148	281	210	249
Total	8428	12345	3498	4352	702	934	3245	4409	2140	2790

Source: HMIS, 2011

4.3 Inpatient Admissions

4.3.1 Number of Inpatient Admission by Region - 2011

Region	Inpatient Admission	
	Male	Female
Western Health Region	6786	7276
North Bank West Region	1401	1267
North Bank East Region	2089	2165
Lower River Region	1161	1227
Central River Region	3259	3731
Upper River Region	2682	3634
Total	17378	19300

HMIS, 2011

4.3.2 Number of Admission due to Severe confirmed Malaria by Region

Region	Severe confirmed Malaria Admitted < 5 years		Severe confirmed Malaria Admitted >= 5 years		Severe confirmed Malaria Admitted in pregnancy
	Male	Female	Male	Female	Female
Western Health Region	896	821	1378	1581	0
North Bank West Region	196	150	143	151	0
North Bank East Region	691	150	143	151	29
Lower River Region	54	29	57	59	16
Central River Region	395	359	492	633	96
Upper River Region	400	410	577	787	87
Total	2632	11919	2790	3362	218

Source: HMIS, 2011

4.3.3 Number of Admission due to Sexually Transmitted Diseases by Region

Region	Urethral Discharge	Vaginal Discharge	Lower abdominal pain in pregnancy	Other Sexually Transmitted Infections	
				Male	Female
Western Health Region	36	129	127	44	349
North Bank West Region	0	19	19	6	19
North Bank East Region	23	75	36	33	60
Lower River Region	16	92	31	3	20
Central River Region	4	41	37	46	93
Upper River Region	15	276	198	7	73
Total	94	632	448	139	614

Source: HMIS, 2011

4.3.4 Number of Admission due to IMNCI Cases by Region

Region	Severe Malnutrition		Severe Malnutrition with Anaemia		Severe Pneumonia	
	Male	Female	Male	Female	Male	Female
Western Health Region	41	58	15	14	1,298	1078
North Bank West Region	14	13	2	0	310	297
North Bank East Region	29	22	8	8	481	393
Lower River Region	152	123	18	6	249	210
Central River Region	62	73	9	10	439	394
Upper River Region	44	46	3	6	787	649
Total	342	335	55	44	3,564	3021

Source: HMIS, 2011

4.3.5 Admission due to IMNCI Cases by Region

Region	Serious possible bacterial infection		Skin Disorder		Diarrhoea with blood/mucus (Dysentery)		Severe persistent Diarrhoea		Diarrhoea with severe dehydration	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR	85	96	43	36	13	14	26	23	246	243
NBWR	80	100	28	23	9	5	3	6	61	59
NBER	65	54	34	18	11	2	20	26	50	29
LRR	42	45	66	70	8	14	6	2	50	21
CRR	63	85	42	29	25	24	30	43	74	52
URR	16	21	20	21	5	11	3	10	43	47
Total	351	401	233	197	71	70	88	110	524	451

Source: HMIS, 2011

4.3.6 Number of Admission due to Maternal conditions by Region

Region	Pregnancy induced hypertension / Pre-Eclampsia	Eclampsia	Anaemia in pregnancy
Western Health Region	309	46	155
North Bank West Region	5	1	1
North Bank East Region	123	14	46
Lower River Region	63	6	20
Central River Region	39	18	63
Upper River Region	92	36	76
Total	634	121	361

Source: HMIS, 2011

4.3.7 Number of Admission due to Diseases reported on ≥ 5 by Region

Region	Differentially Able		Helminth infestation		NOMA (Cancrumoris)		Severe pneumonia		Diarrhoea with severe dehydration	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR	0	0	0	8	5	0	420	343	191	217
NBWR	2	0	0	5	0	0	79	66	33	32
NBER	0	1	16	0	0	0	249	178	27	26
LRR	1	0	2	0	0	0	48	27	21	11
CRR	1	2	0	0	0	0	119	125	44	52
URR	0	0	0	0	0	0	121	106	30	55
Total	4	3	18	13	5	0	1036	845	346	393

Source: HMIS, 2011

 4.3.8 Number of Admission due to Diseases reported on ≥ 5 by Region

Region	Skin disorders		Anaemia		Diarrhoea with blood/mucus	
	Male	Female	Male	Female	Male	Female
Western Health Region	95	50	121	180	15	20
North Bank West Region	46	21	25	30	10	8
North Bank East Region	48	4	86	153	6	9
Lower River Region	10	6	17	47	4	11
Central River Region	9	6	60	176	23	26
Upper River Region	11	16	10	23	11	16
Total	219	103	319	609	69	90

Source: HMIS, 2011

4.3.9 Number of Admission due to Eye conditions by region

Region	Cataracts		Trachoma		Conjunctivitis		Ophthalmia Neonatium		Glaucoma		Other eye conditions	
	M	F	M	F	M	F	M	F	M	F	M	F
WHR	32	39	0	0	72	136	0	0	0	0	2	4
NBWR	17	13	0	0	0	0	0	0	0	0	0	0
NBER	47	78	4	5	21	0	0	0	3	0	17	1
LRR	30	34	0	1	39	4	0	1	0	0	6	3
CRR	144	112	5	1	148	151	2	1	1	1	294	144
URR	133	137	0	0	60	0	8	0	4	0	19	0
Total	403	413	9	7	340	291	10	2	8	1	338	152

Source: HMIS, 2011

 Total Cataract Surgery (admitted) **Male 2005, Female 1440**

4.3.10 Number of Admission due to Non Communicable Diseases cases by Region

Region	Hypertension		Diabetes		Asthma		Renal failure		Cardiac disorder		Other non-communicable diseases	
	M	F	M	F	M	F	M	F	M	F	M	F
WHR	173	298	34	44	144	114	16	17	49	27	243	206
NBWR	37	55	20	8	32	24	4	0	15	5	2	2
NBER	89	105	21	16	19	15	5	5	25	17	13	23
LRR	48	59	6	7	25	23	8	1	14	10	46	53
CRR	3968	6933	282	316	910	1061	3	0	9	8	195	202
URR	109	190	5	15	44	35	0	0	4	7	1	1
Total	4424	7640	368	406	1174	1272	16	17	49	27	243	206

Source: HMIS, 2011

4.3.11 Number of Admission due to Accident cases by Region

Region	Road traffic accidents		Other injuries		Fracture		Dog bites		Snake bites		Other bites	
	M	F	M	F	M	F	M	F	M	F	M	F
WHR	26	22	58	42	0	2	10	1	2	2	11	9
NBWR	15	8	35	13	1	0	1	2	6	0	2	0
NBER	22	18	8	1	0	1	1	1	36	24	14	6
LRR	3	6	8	3	0	0	2	1	2	7	1	1
CRR	42	15	15	0	7	7	2	5	11	6	9	1
URR	17	5	4	1	5	7	5	2	1	2	15	0
Total	125	74	128	60	15	11	21	12	58	41	52	17

Source: HMIS, 2011

4.3.12 Number of Admission due to Accident cases by Region

Region	Fall from height		Ingestion of Harmfull Substances		Burn		Drown	
	M	F	M	F	M	F	M	F
WHR	40	12	19	13	76	90	0	2
NBWR	5	3	2	4	13	10	0	0
NBER	22	1	2	0	18	13	0	1
LRR	2	2	6	6	21	22	2	2
CRR	10	16	0	1	28	15	0	0
URR	5	7	5	16	26	9	0	1
Total	84	41	34	40	182	159	2	6

Source: HMIS, 2011

4.3.13 Number of Admission due to Mental Disorder by region

Region	Mania		Depression		Drug Induce Psychosis		Organic Psychosis		Epilepsy		Schizophrenia		Other Mental Disorder	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
WHR	0	1	1	2	1	0	5	2	13	18	0	1	1	1
NBWR	0	0	0	0	0	0	0	0	6	11	1	1	0	1
NBER	0	0	0	0	0	0	1	0	10	10	0	0	0	1
LRR	0	0	0	1	1	0	1	1	5	7	0	0	0	0
CRR	1	4	0	0	1	0	1	1	11	3	3	1	0	1
URR	3	0	1	1	0	0	12	1	9	17	0	0	0	0
Total	4	5	2	4	3	0	20	5	54	66	4	3	1	4

Source: HMIS, 2011

4.3.14 Number of Admission due to Oral Disorder by Region – 2011

Region	Toothache		Oral thrust/ulcer		Gingivitis		Dental abcess		Other oral disorders	
	M	F	M	F	M	F	M	F	M	F
WHR	36	1	7	4	1	2	18	5	3	3
NBWR	27	1	20	2	3	0	18	22	26	1
NBER	20	40	0	0	5	7	40	54	0	0
LRR	0	1	2	2	0	0	5	2	2	0
CRR	0	0	0	4	0	0	15	1	0	0
URR	8	4	1	0	7	0	2	3	1	0
Total	91	47	30	16	9	98	87	32	4	4

HMIS, 2011

4.4 Deaths

4.4.1 Number of Deaths reported by Health facilities – 2011

Region	Neonatal		Infant		Child < 5 Years		Child 5-14 Years		Over 14 Years		Maternal
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
WHR	25	21	16	13	19	22	15	15	28	45	5
NBWR	2	7	0	2	0	7	3	1	0	0	7
NBER	20	18	29	27	46	48	10	8	99	65	12
LRR	7	7	0	0	6	1	2	3	3	2	2
CRR	4	5	2	5	7	4	10	1	15	6	2
URR	14	12	17	24	47	58	37	27	48	44	29
Total	72	70	63	71	125	140	77	55	193	162	57

Source: HMIS, 2011

4.4.2 Deaths on arrival at Health facilities in 2011

Region	Dead on arrival at facility		Brought in dead		Maternal death on arrival		Other deaths on arrival	
	Male	Female	Male	Female	Male	Female	Male	Female
WHR	8	14	34	29	0	6	8	10
NBWR	3	1	2	1	0	3	0	2
NBER	2	3	2	0	0	5	1	2
LRR	3	0	3	2	0	2	1	2
CRR	9	5	9	4	0	0	5	4
URR	5	6	7	8	0	1	1	1
Total	30	29	57	44	0	17	16	21

Source: HMIS, 2011

4.4.3 Number of Deaths reported by the Village Health Services – 2011

Region	Infant Deaths		Maternal Deaths	< 5 Years old		> = 5 Years old	
	Male	Female	Female	Female	Male	Female	Female
WHR	9	8	6	50	41	94	83
NBWR	5	0	4	44	18	41	40
NBER	14	3	24	13	9	108	74
LRR	6	16	0	32	30	92	63
CRR	22	20	7	21	26	115	46
URR	21	16	5	22	16	137	138
Total	77	63	46	182	140	587	444

Source: HMIS, 2011

4.4.4 Number of Deaths due to Severe confirmed Malaria by Region

Region	Deaths due to Severe confirmed Malaria Admitted < 5 years		Deaths due to Severe confirmed Malaria Admitted >= 5 years		Deaths due to Severe confirmed Malaria Admitted in pregnancy
	Male	Female	Male	Female	Female
Western Health Region	48	49	24	36	0
North Bank West Region	7	13	11	3	0
North Bank East Region	8	9	11	7	1
Lower River Region	11	4	6	5	0
Central River Region	22	22	24	12	5
Upper River Region	33	22	28	18	1
Total	129	119	104	99	7

Source: HMIS, 2011

4.4.5 Number of Deaths due to Sexually Transmitted Diseases by Region

Region	Urethral Discharge	Vaginal Discharge	Lower abdominal pain in pregnancy	Other Sexually Transmitted Infections	
				Male	Female
WHR	1	0	0	5	0
NBWR	0	0	0	0	0
NBER	3	0	0	5	2
LRR	0	0	0	0	0
CRR	0	0	0	0	0
URR	0	0	0	0	0
Total	4	0	0	10	2

Source: HMIS, 2011

4.4.6 Number of Deaths due to IMNCI Cases by Region

Region	Severe Malnutrition		Severe Malnutrition with Anaemia		Severe Pneumonia		Anaemia	
	Male	Female	Male	Female	Male	Female	Male	Female
WHR	1	2	0	0	23	23	5	6
NBWR	3	4	0	0	6	4	7	5
NBER	5	3	0	2	17	20	1	2
LRR	0	0	0	0	2	4	8	8
CRR	6	7	1	1	10	5	5	5
URR	9	3	0	1	15	15	8	10
Total	24	19	1	4	73	71	34	36

Source: HMIS, 2011

4.4.7 Number of Deaths due to IMNCI Cases by Region

Region	Serious possible bacterial infection		Skin Disorder		Diarrhoea with blood/mucus (Dysentery)		Severe persistent Diarrhoea		Diarrhoea with severe dehydration	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR	3	6	1	3	1	0	0	1	7	9
NBWR	0	0	0	0	0	1	0	0	3	4
NBER	7	11	0	2	0	0	1	2	2	2
LRR	3	2	0	0	0	2	0	0	0	2
CRR	2	1	1	1	0	0	0	0	6	1
URR	0	0	9	6	0	0	0	0	0	3
Total	15	20	11	12	1	3	1	3	18	21

Source: HMIS, 2011

4.4.8 Number of Deaths due to Maternal conditions by Region

Region	Pregnancy induced hypertension / Pre-Eclampsia	Eclampsia	Anaemia in pregnancy
Western Health Region	2	1	1
North Bank West Region	0	0	0
North Bank East Region	1	1	0
Lower River Region	0	0	0
Central River Region	0	0	1
Upper River Region	0	0	2
Total	3	2	4

Source: HMIS, 2011

4.4.9 Number of Deaths due to Diseases reported on >= 5 by Region

	Severe pneumonia		Anaemia		Diarrhoea with severe dehydration)		Skin Disorder		Diarrhoea with blood/mucus	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR	20	16	10	14	11	8	0	0	0	0
NBWR	1	4	2	2	11	8	0	0	0	0
NBER	28	10	5	6	2	0	1	0	0	0
LRR	4	2	1	1	1	0	2	0	0	0
CRR	6	8	14	11	0	0	0	0	0	0
URR	3	3	2	2	3	1	0	2	0	1
Total	62	43	34	36	28	17	3	2	0	1

Source: HMIS, 2011

4.4.10 Number of Deaths due to Non Communicable Diseases cases by Region

	Hypertension		Diabetes		Asthma		Renal failure		Cardiac disorder		Cancer		Other non-communicable diseases	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
WHR	22	25	2	1	4	3	0	1	8	4	2	2	11	5
NBWR	3	4	0	1	1	0	1	0	1	2	0	0	0	0
NBER	16	10	2	4	1	1	0	0	3	4	3	3	0	1
LRR	2	2	1	0	1	0	0	0	1	3	0	0	1	0
CRR	8	2	1	1	0	1	0	0	1	1	2	0	0	1
URR	16	6	1	5	3	2	0	0	0	2	0	0	0	0
Total	67	49	7	12	10	7	1	1	14	16	7	5	12	7

Source: HMIS, 2011

4.4.11 Number of Deaths due to Accident cases by Region

Region	Road traffic accidents		Other injuries		Dog bites		Snake bites		Other bites		Fracture	
	M	F	M	F	M	F	M	F	M	F	M	F
WHR	0	0	1	1	0	0	0	0	0	0	0	0
NBWR	1	0	0	2	0	0	0	1	0	0	0	0
NBER	0	0	0	0	0	0	3	0	0	0	0	0
LRR	0	0	0	0	0	0	0	0	0	0	0	0
CRR	5	1	0	0	0	0	2	0	0	1	1	0
URR	0	0	0	0	1	0	0	0	0	0	0	0
Total	6	1	1	3	1	0	5	1	0	1	1	0

Source: HMIS, 2011

4.4.12 Number of Deaths due to Accident cases by Region

Region	Fall from height		Ingestion of Harmfull Substances		Burn		Drown	
	M	F	M	F	M	F	M	F
WHR	6	0	3	0	1	0	1	0
NBWR	1	0	0	0	0	0	1	0
NBER	0	0	0	0	3	1	1	0
LRR	0	0	0	0	0	0	0	0
CRR	1	1	0	0	0	0	0	0
URR	0	1	0	1	2	1	0	0
Total	8	2	3	1	6	2	3	0

Source: HMIS, 2011

4.4.13 Number of Deaths due to Mental Disorder by region

Region	Mania		Depression		Drug Induce Psychosis		Organic Psychosis		Epilepsy		Schizophrenia		Other Mental Disorder	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
WHR	0	0	0	0	0	0	0	0	1	1	0	0	0	0
NBWR	1	0	0	0	0	0	0	0	0	1	0	0	0	0
NBER	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LRR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	0	0	1	3	0	0	0	0

HMIS, 2011

4.4.14 Number of Deaths due to Oral Disorder by Region - 2011

Region	Toothache		Oral thrust/ulcer		Gingivitis		Dental abcess		Other oral disorders	
	M	F	M	F	M	F	M	F	M	F
WHR	0	0	0	0	0	0	0	0	0	0
NBWR	0	0	0	0	0	0	0	0	0	0
NBER	0	0	0	0	0	0	0	0	0	0
LRR	0	0	0	0	0	0	0	0	0	0
CRR	0	0	0	0	0	0	0	0	0	0
URR	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0

HMIS, 2011

5.0 Birth Registration

5.1 Number of Birth Registration by Region- (Gambian Parents)

Region	Early registration < 1 year		Late registration 1-5 years		Late registration over 5 years	
	Male	Female	Male	Female	Male	Female
Western Health Region	3525	3437	4064	3741	8495	6987
North Bank West Region	879	770	488	406	1574	1368
North Bank East Region	774	724	324	367	1393	1409
Lower River Region	640	637	474	519	751	574
Central River Region	4691*	4404*	12029*	11362*	1337	1010
Upper River Region	1912	1753	1379	1323	1522	1235
Central level	1053	797	1905	1693	17332	11962
Total	13474	12522	20663	19411	32404	24545

Source: HMIS, 2011 * Include the Birth Registration campaign data.

5.2 Number of Birth Registration by Region - (Non Gambian Parents)

Region	Early registration < 1 year		Late registration 1-5 years		Late registration over 5 years	
	Male	Female	Male	Female	Male	Female
Western Health Region	624	231	457	172	2327	113
North Bank West Region	18	10	8	6	3	6
North Bank East Region	9	4	2	6	24	16
Lower River Region	12	17	13	10	8	9
Central River Region	15	10	35	30	12	10
Upper River Region	74	57	49	42	37	28
Total	752	329	564	266	2411	182

Source: HMIS, 2011

5.3 Number of Birth Registration by Region- (Births Outside Gambia)

Region	Early registration < 1 year		Late registration 1-5 years		Late registration over 5 years	
	Male	Female	Male	Female	Male	Female
Western Health Region	35	26	23	14	37	22
North Bank West Region	0	0	0	0	0	0
North Bank East Region	11	15	11	9	13	12
Lower River Region	6	8	3	3	1	3
Central River Region	0	0	0	0	17	2
Upper River Region	20	16	17	10	28	17
Total	72	65	54	36	96	56

Source: HMIS, 2011

6.0 Reproductive Health Services

6.1 Ante natal care

6.1.1 Number and Percentage of Women 15 to 49 years that was pregnant in 2011

Region	Target Population Women 15 to 49 years	Number of registered Ante Natal Women	Percentage Pregnant
Western Health Region	252842	37806	14.95 %
North Bank West Region	52535	4936	9.40 %
North Bank East Region	51305	6209	12.10 %
Lower River Region	42362	3998	9.44 %
Central River Region	110251	12366	11.22 %
Upper River Region	111871	12669	11.32 %
Total	621166	78017	12.56 %

HMIS, 2011

6.1.2 Number of Doses of Intermittent Preventive Therapy Administered to Registered Ante Natal mothers by Region

Region	Intermittent Preventive Therapy 1 ST Dose	Intermittent Preventive Therapy 2 ND Dose
Western Health Region	29478	18825
North Bank West Region	4421	3181
North Bank East Region	5416	3943
Lower River Region	3647	2374
Central River Region	9994	6654
Upper River Region	9997	7290
Total	62953	42267

Source: HMIS, 201

6.1.3 Percentage of Registered Ante Natal mothers who received 1ST and 2ND Doses of Intermittent Preventive Therapy by Region

Region	1 ST Dose of IPT	2 ND Dose of IPT
Western Health Region	77.97%	49.79%
North Bank West Region	88.97%	64.02%
North Bank East Region	87.23%	63.50%
Lower River Region	91.22%	59.37%
Central River Region	80.82%	53.81%
Upper River Region	78.91%	57.54%
Total	80.69%	54.18%

Source: HMIS, 201

6.2 Deliveries

6.2.1 Number of Deliveries conducted at Health Facilities by Region - 2011

Region	Total Deliveries		Live Births		Stillbirths	
	Male	Female	Male	Female	Male	Female
Western Health Region	20490	18019	19856	17413	634	606
North Bank West Region	1323	1209	1293	1180	30	29
North Bank East Region	1425	1360	1345	1263	80	97
Lower River Region	662	692	659	650	23	20
Central River Region	1610	1475	1579	1444	31	31
Upper River Region	2354	2306	2219	2172	135	134
Total	27864	25061	26951	24122	933	917

Source: HMIS, 2011

6.2.2 Number of Stillbirths by category reported by the Health Facilities - 2011

Region	Fresh Stillbirths		Macerated Stillbirths		Total	
	Male	Female	Male	Female	Male	Female
Western Health Region	285	272	349	329	634	606
North Bank West Region	10	13	20	16	30	29
North Bank East Region	39	40	41	57	80	97
Lower River Region	15	12	8	8	23	20
Central River Region	18	15	13	16	31	31
Upper River Region	34	38	101	96	135	134
Total	401	390	532	522	933	917

Source: HMIS, 2011

6.2.3 Number of Deliveries conducted at the Village Health Services by Region - 2011

Region	Total Deliveries		Live Births		Stillbirths	
	Male	Female	Male	Female	Male	Female
Western Health Region	2515	2188	2483	2154	32	34
North Bank West Region	942	900	936	894	6	6
North Bank East Region	986	891	971	871	15	20
Lower River Region	816	887	790	847	26	40
Central River Region	1547	1479	1509	1461	38	36
Upper River Region	2935	2837	2863	2764	72	73
Total	9741	9182	9552	8991	189	209

Source: HMIS, 2011

6.2.4 Percentage of Institutional Deliveries, Deliveries conducted by Midwives and Deliveries outcome by the Region - 2011

Region	Total Deliveries		Percentage Institutional Deliveries		Percentage Deliveries Attended by Midwife		Percentage Live Births		Percentage Still Births	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
WHR	23005	20207	89.19%	89.31%	59.19%	65.49%	97.10%	96.83%	2.90%	3.17%
NBWR	2265	2109	57.09%	55.95%	39.16%	38.31%	98.41 %	98.34 %	1.59 %	1.66 %
NBER	2411	2251	40.90%	39.58%	17.34%	25.32%	96.06 %	95.69%	3.94 %	4.31 %
LRR	1478	1579	45.53%	43.08%	31.51%	36.87%	96.73 %	96.15 %	3.27 %	3.85 %
CRR	3157	2954	51.00%	49.93%	28.19%	25.73%	97.81 %	97.73 %	2.19 %	2.27 %
URR	5289	5143	44.51%	44.84%	30.61 %	29.30%	96.09 %	95.98 %	3.91 %	4.02 %
By gender	37625	34221	74.11%	73.17%	48.00%	51.51%	97.02%	96.78%	2.98%	3.22%
Total			73.64%		49.76%		96.9%		3.1%	

Source: HMIS, 2011

6.2.5 Percentage of Stillbirths by category reported by the Health Facilities - 2011

Region	Fresh Stillbirths		Macerated Stillbirths	
	Male	Female	Male	Female
Western Health Region	36.03	34.39	33.11	31.21
North Bank West Region	1.26	1.64	1.90	1.52
North Bank East Region	4.93	5.06	3.89	5.41
Lower River Region	1.90	1.52	0.76	0.76
Central River Region	2.28	1.90	1.23	1.52
Upper River Region	4.30	4.80	9.58	9.11
Total	50.70	49.30	50.47	49.53
	42.87		57.13	

Source: HMIS, 2011

6.3 Family Planning Services

6.3.1 Number of clients counseled for Family Planning Services by Region

Region	Total women seen			Total men seen			Counseled only		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	86	7465	10866	80	1391	2980	41	575	820
NBWR	239	840	1822	45	309	604	50	222	398
NBER	26	494	935	29	269	314	35	310	429
LRR	39	799	1046	47	341	482	33	221	209
CRR	140	1684	2670	46	1548	1997	11	357	464
URR	7	1547	3440	8	937	3576	0	192	281
Total	537	12 829	20779	255	4795	9953	170	1877	2601

Source: HMIS, 2011

6.3.2 Number of New Family Planning Services Acceptors by Method

Region	Microgynon			Depo			Neogynon		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	25	780	896	17	1510	2243	80	476	976
NBWR	18	62	93	100	60	158	0	268	434
NBER	12	175	238	8	182	248	1	64	154
LRR	18	146	167	0	22	49	10	306	400
CRR	11	331	375	16	173	317	2	298	496
URR	3	378	547	0	284	686	0	294	508
Total	87	1872	2316	141	2231	3701	93	1706	2968

Source: HMIS, 2011

6.3.3 Number of New Family Planning Services Acceptors by Method

Region	Microlut			Male Condom			Female Condom		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	5	511	768	59	1152	1563	0	1	13
NBWR	15	74	306	44	107	253	4	0	0
NBER	0	46	0	15	184	204	0	4	6
LRR	0	0	0	20	259	403	0	0	0
CRR	0	10	49	7	631	789	0	0	0
URR	0	180	570	10	291	738	0	0	0
Total	20	821	1693	155	2624	3950	4	5	19

Source: HMIS, 2011

6.3.4 Number of New Family Planning Services Acceptors by Method

Region	Foam			IUCD			Total New Acceptors		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	0	11	0	1	55	133	173	1870	3028
NBWR	0	0	8	0	2	10	3	163	402
NBER	0	7	0	0	0	0	21	583	825
LRR	0	0	0	0	0	0	48	733	1,023
CRR	0	0	0	0	0	0	9	564	784
URR	0	0	0	0	0	0	13	1651	4774
Total	0	18	8	1	57	143	267	5564	9813

Source: HMIS, 2011

6.3.5 Number of Family Planning Services Revisit by Method

Region	Microgynon			Neogynon			Depo		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	23	1443	2346	100	1409	1863	111	2322	5741
NBWR	47	177	278	10	404	737	0	93	276
NBER	3	304	305		48	101	13	283	443
LRR	14	166	362	0	2	6	0	299	514
CRR	62	474	579	69	620	840	19	135	186
URR	6	374	724	0	245	657	4	361	524
Total	155	2938	4594	179	2728	4204	147	3493	7684

Source: HMIS, 2011

6.3.6 Number of Family Planning Services Revisit by Method

Region	Microlut			Male Condom			Female Condom		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	5	987	1604	206	1322	6702	0	107	482
NBWR	0	0	0	67	301	725	0	12	16
NBER	0	6	4	11	69	117	0	1	0
LRR	0	0	0	0	306	294	0	0	30
CRR	0	0	0	23	560	768	0	446	304
URR	0	0	0	27	778	1687	0	210	290
Total	5	993	1608	334	3336	10293	0	776	1122

Source: HMIS, 2011

6.3.7 Number of Family Planning Services Revisit by Method

Region	Foam			IUCD			Total current users		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	0	10	0	0	9	62	408	4135	7239
NBWR	0	0	0	0	0	0	0	233	643
NBER	0	0	0	0	0	0	34	921	1228
LRR	0	0	0	0	0	0	15	786	1214
CRR	0	0	0	0	0	0	10	827	983
URR	0	0	0	0	0	0	22	948	2,120
Total	0	10	0	0	9	62	489	7850	11307

Source: HMIS, 2011

6.3.8 Number of Family Planning Services New Acceptors at the Village Health Services

Region	Pills	Depo	Condoms	Foam	Others	Total
Western Health Region	402	594	1498	0	230	2652
North Bank West Region	284	921	774	0	6	0
North Bank East Region	76	55	68	0	37	219
Lower River Region	129	144	1593	0	3	1858
Central River Region	228	389	656	7	6	533
Upper River Region	227	612	1163	6	5	1995
Total	1346	2715	5752	13	287	7257

Source: HMIS, 2011

6.3.9 Number of Family Planning Services Revisits at the Village Health Services

Region	Pills	Depo	Condoms	Foam	Others	Total
Western Health Region	1693	1739	1644	0	359	5304
North Bank West Region	94	33	4	24	0	0
North Bank East Region	162	106	143	0	66	444
Lower River Region	217	640	3005	0	3	3742
Central River Region	440	827	1206	0	2	1091
Upper River Region	482	1068	2669	18	34	4249
Total	3088	4413	8671	42	464	14830

Source: HMIS, 2011

6.3.10 Consumption of Family Planning commodities by region

Commodities	WHR	NBWR	NBER	LRR	CRR	URR	Total
Microgynon	6594	520	1099	1082	1486	1813	12594
Neogynon	5504	248	309	155	1048	466	7730
Depo	9145	541	1247	959	1558	1448	14898
Jadelle implant	243	0	0	0	0	20	263
Microlut	23661	0	13	0	0	0	23674
Female condom	5853	576	85	0	15	1068	9114
Male condom	55924	5925	4461	10995	11294	11082	99681
Foam	0	0	0	0	0	2	2
IUCD	268	0	0	0	20	0	288
VSC	0	0	0	0	0	0	0
Norigynon	3483	0	1045	82	48	0	4658
Others	22	0	0	0	0	0	22

HMIS, 2011

6.4 Obstetric/ Labour and Deliveries Care

6.4.1 Percentage of Obstetric/ Labour and Deliveries Care conditions – 2011

Region	WCR	NBWR	NBER	LRR	CRR	URR	National
Antepartum haemorrhage	8.22 %	7.16%	14.88%	6.48 %	13.61%	14.72%	10.46%
Intrapartum Haemorrhage	7.65 %	7.71%	4.33%	1.40 %	4.93%	7.16%	6.23%
Pre-eclampsia	29.98 %	23.69%	25.24%	40.81%	22.88%	23.39%	28.25%
Eclampsia Obstetric/Labour and deliveries	5.23 %	3.03%	4.14%	4.38 %	2.37%	6.75%	4.87%
Abortion	20.05%	28.10%	22.98%	24.34%	30.37%	16.33%	21.72%
Delayed or obstructed labour	14.39 %	9.09%	13.37%	6.83 %	9.07%	8.06%	11.28%
Retained placenta	2.57 %	3.31%	4.71%	2.28 %	2.17%	2.42%	2.74%
Malpresentation	6.32%	2.20%	2.26%	4.20 %	12.62%	5.95%	5.92%
Ruptured uterus	0.10 %	0.55%	0.75%	0.00 %	0.00%	0.00%	0.16%
Ectopic pregnancy	1.43%	5.79%	0.19%	0.18 %	0.59%	1.11%	1.32%
Deliveries requiring Interventions	4.09%	9.37%	7.16%	9.11 %	1.38%	14.11%	7.04%

Source: HMIS, 2011

6.4.2 Number of Obstetric/ Labour and Deliveries Care cases reported by Region

Region	WCR	NBWR	NBER	LRR	CRR	URR	National
Antepartum haemorrhage	173	26	79	37	69	146	530
Intrapartum Haemorrhage	161	28	23	8	25	71	316
Pre-eclampsia	631	86	134	233	116	232	1,432
Eclampsia Obstetric/Labour and deliveries	110	11	22	25	12	67	247
Abortion	422	102	122	139	154	162	1,101
Delayed or obstructed labour	303	33	71	39	46	80	572
Retained placenta	54	12	25	13	11	24	139
Malpresentation	133	8	12	24	64	59	300
Ruptured uterus	2	2	4	0	0	0	8
Ectopic pregnancy	30	21	1	1	3	11	67
Deliveries requiring Interventions	86	34	38	52	7	140	357

Source: HMIS, 2011

6.5 Post Natal Care

6.5.1 Number of Post Natal Care conditions reported by Region

Region	Well Women			Anaemia			Postpartum Hypertension		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	110	4443	5768	1	86	81	1	85	261
NBWR	1	763	808	0	26	19	0	36	40
NBER	35	979	1,019	3	84	142	7	37	52
LRR	18	904	780	7	43	33	0	35	21
CRR	164	864	936	19	88	62	0	9	9
URR	33	731	675	5	70	73	3	29	51
Total	361	8,684	9,986	35	397	410	11	231	434

Source: HMIS, 2011

6.5.2 Number of Post Natal Care conditions reported by Region

Region	Severe Lower Abdominal Pain			Oedema			Puerperal Infection		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	1	74	115	2	43	70	0	47	48
NBWR	0	28	29	3	14	9	1	8	6
NBER	7	31	35	5	7	9	0	6	6
LRR	0	11	5	0	5	4	0	17	11
CRR	0	67	75	10	9	23	0	25	34
URR	0	52	87	2	33	39	3	33	32
Total	8	263	346	22	111	154	4	136	137

Source: HMIS, 2011

6.5.3 Number of Post Natal Care conditions reported by Region

Region	Postpartum Haemorrhage			Breast Abscess			Perineal Tear		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	0	28	41	0	49	63	0	350	123
NBWR	0	19	13	0	22	11	4	50	11
NBER	2	16	29	2	8	11	5	26	6
LRR	0	13	12	0	10	6	1	24	3
CRR	0	8	8	1	29	24	9	36	4
URR	0	19	22	2	34	2	1	47	4
Total	2	103	125	5	152	117	20	533	140

Source: HMIS, 2011

6.5.4 Number of Post Natal Care conditions reported by Region

Region	Uncomplicated Malaria			Severe malaria			Septic Episiotomy		
	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years	<15 years	15 to 24 Years	> 24 years
WCR	9	55	53	0	41	42	0	14	4
NBWR	4	282	278	0	2	0	0	1	0
NBER	2	1	4	0	6	6	2	55	27
LRR	0	6	3	0	3	2	0	20	4
CRR	132	416	107	0	31	0	1	13	3
URR	130	12	151	30	9	20	0	4	0
Total	277	772	596	30	92	70	3	107	38

Source: HMIS, 2011

7.0 Referral

7.1 Total number of referrals from Health facilities by gender in 2011

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	1423	2045	244	338
North Bank West Region	278	199	74	101
North Bank East Region	256	261	87	117
Lower River Region	467	413	253	235
Central River Region	616	586	329	472
Upper River Region	561	547	112	137
Total	3601	4051	1099	1390

Source: HMIS, 2011

7.2 Percentage of referrals by gender in 2011

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	41.03 %	58.97%	41.92 %	58.08%
North Bank West Region	58.28%	41.72 %	42.29 %	57.71 %
North Bank East Region	49.52 %	50.48 %	42.65 %	57.35 %
Lower River Region	53.07 %	46.93 %	51.84 %	48.16 %
Central River Region	51.25 %	48.75 %	41.07 %	58.93 %
Upper River Region	50.63 %	49.37 %	44.98 %	55.02 %
Total	47.05 %	52.95 %	44.15 %	55.85 %

Source: HMIS, 2011

8.0 Public Health Inspection

8.1 Number of Meat inspections- 2011

Region	Number of animals slaughtered	Number of carcasses inspected	Number of carcasses passed
WHR	1488	1488	1057
NBWR	16	24	24
NBER	1124	1057	1030
LRR	2963	2963	2869
CRR	4217	4199	4013
URR	698	558	567
Total	10506	10289	9560

HMIS, 2011

8.2 Number of Abatement notices

Region	Abatement notices served	Abatement notices complied with	Court cases	Abatement notices upheld
Western Health Region	655	619	0	13
North Bank West Region	65	52	0	0
North Bank East Region	127	126	0	1
Lower River Region	59	54	0	0
Central River Region	43	170	0	1
Upper River Region	170	141	0	0
Total	1119	1162	0	15

HMIS, 2011

8.3 Number of Complaints

Region	Infestations	Animals	Solid refuse	Liquid refuse	Food and/or water	Air pollution	Other
WHR	314	965	231	196	119	21	5
NBWR	46	1	12	18	11	4	7
NBER	8	5	35	113	66	8	2
LRR	0	25	32	34	27	2	2
CRR	12	13	91	74	44	2	0
URR	0	25	41	91	66	1	7
Total	380	1,034	442	526	333	38	23

HMIS, 2011

9.0 Public Health Services

9.1 Prevalence of HIV in Ante Natal Clinic Sentinel Surveillance Sites

	Sites	2006		2007		2008	
		HIV 1	HIV 2	HIV 1	HIV 2	HIV 1	HIV 2
1	Sere Kunda	2.8%	0.0%	2.67%	0.8%	0.80%	0.20%
2	Fara Fenni	2.5%	0.2%	0.41%	0.21%	1.40%	0.0%
3	Kuntaur	0.2%	0.2%	2.28%	0.0%	1.24%	0.20%
4	Basse	4.1%	1.4%	1.42%	0.0%	1.30%	0.43%
5	Brikama	4.8%	2.0%	1.23%	0.82%	2.62%	0.40%
6	Sibanor	4.2%	2.4%	2.4%	0.3%	3.63%	0.60%
7	Essau	3.2%	1.0%	0.25%	0.0%	1.21%	0.72%
8	Soma	1.4%	0.2%	1.13%	1.5%	1.41%	0.20%
9	Banjul	1.5%	0.4%	1.41%	1.18%	1.79%	0.89%
10	National	2.8	0.9%	1.42	0.51%	1.64	0.37%
11	15 - 24	2.4%	0.7%	1.21%	0.19%	1.94%	0.11%

Source: NAS, 2008

9.2 Number of cases of selected Notifiable Diseases reported – 2011

No of cases reported	WHR	NBWR	NBER	LRR	CRR	URR	National
Cholera	0	0	0	0	0	0	0
H1N1	0	0	0	0	0	0	0
Meningitis	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0
Polio	0	0	0	0	0	0	0
Neonatal Tetanus	0	0	0	0	0	0	0
Tetanus	0	0	0	0	0	0	0
Yellow Fever	0	0	0	0	0	0	0
Rubella	40	0	1	0	1	0	42
Pertussis	0	0	0	0	0	0	0
Confirmed uncomplicated Malaria	175, 044	9, 058	6, 390	5, 373	29, 623	42, 609	267, 945
Guinea Worms	0	0	0	0	0	0	0

Source: HMIS, 2011; EDC, 2011

9.3 Tuberculosis Case Detection per 100,000 Population

REGION	2008	2009	2010
Western Health Region	184.03	179.93	156.28
North Bank West Region	68.3	56.72	71.01
North Bank East Region	84.74	92.35	69.96
Lower River Region	54.08	48.44	39.21
Central River Region	59.13	89.27	49.31
Upper River Region	50.68	52.54	76.2
Total	127.54	123.92	113.3

Source: National TB Programme

9.4 Tuberculosis Cure Rate

Region	2007	2008	2009
Western Health Region	80%	80.49%	87.1%
North Bank West Region	79.41%	93.33%	95.23%
North Bank East Region	77.55%	63.49%	80.55%
Lower River Region	100%	96.42%	92.85%
Central River Region	80.53%	78%	79.26%
Upper River Region	86.2%	81.53%	89.55%
Total	80.23%	79.89%	86.9%

Source: National TB Programme

9.5 Tuberculosis Success Rate

Region	2007
Western Health Region	85.96%
North Bank West Region	88.23%
North Bank East Region	79.59%
Lower River Region	100%
Central River Region	84.95%
Upper River Region	80.00%
Total	85.57%

Source: National TB Programme

9.6 Case Notification from 2006 to 2011

Type of Cases	2006	2007	2008	2009	2010	2011
SS+	1, 209	1, 216	1, 306	1, 313	1, 344	1, 375
Total TB Cases	1, 812	1, 904	2, 063	2, 065	1, 962	2, 249

Source: National TB Programme

9.7 Number of Doses of Artemether-lumefantrine administered by the Health facilities

Region	< 5 years		≥ 5 years	
	Male	Female	Male	Female
Western Health Region	21561	21050	51024	53324
North Bank West Region	1240	951	3143	3471
North Bank East Region	705	636	2523	2309
Lower River Region	518	413	2181	2057
Central River Region	713	4412	664	10787
Upper River Region	5140	4464	13977	14071
Total	29877	31926	63512	86019

HMIS, 2011

10.0 Laboratory Services

10.1 Number of Laboratory Test conducted in Western Health Region

	ANC	Less than Five years old		More than Five years old	
	Female	Male	Female	Male	Female
HB Test	41893	17627	21386	41128	53368
Urinanalysis	19029	513	1640	3201	13010
Blood film	5675	20787	20836	31786	50019
Sickle cell	7804	188	403	214	560
RPR	6387	109	273	537	1654
TPHA	507	51	97	105	327
Stool microscopy	18	68	54	152	101
No. of cases tested for AFB	6	237	304	1386	973
No. of AFB positive	1	42	35	253	267
Blood grouping	4429	113	50	454	377
No. blood donation	0	0	0	515	196
No. blood transfused	26	75	69	253	507

HMIS, 2011

10.2 Number of Laboratory Test conducted in North Bank West Region

	ANC	Less than Five years old		More than Five years old	
	Female	Male	Female	Male	Female
HB Test	3622	1035	875	1574	3047
Urinanalysis	1153	5	5	78	212
Blood film	105	954	1015	1340	2537
Sickle cell	0	2	2	4	8
RPR	1220	1	0	1	28
TPHA	2	0	0	0	8
Stool microscopy	0	0	0	0	0
No. of cases tested for AFB	0	17	13	220	179
No. of AFB positive	0	0	2	27	16
Blood grouping	85	47	40	151	150
No. blood donation	0	0	0	140	3
No. blood transfused	19	25	34	57	97

HMIS, 2011

10.3 Number of Laboratory Test conducted in North Bank East Region

	ANC	Less than Five years old		More than Five years old	
	Female	Male	Female	Male	Female
HB Test	7699	2316	2322	2921	3921
Urinanalysis	3543	12	13	612	1183
Blood film	966	1227	1167	2115	2509
Sickle cell	736	9	13	30	39
RPR	645	0	0	4	69
TPHA	0	0	0	0	0
Stool microscopy	211	2	2	92	175
No. of cases tested for AFB	1	3	14	424	360
No. of AFB positive	0	0	0	48	30
Blood grouping	1517	205	176	779	340
No. blood donation	0	0	0	550	50
No. blood transfused	805	31	33	402	96

HMIS, 2011

10.4 Number of Laboratory Test conducted in Lower River Region

	ANC	Less than Five years old		More than Five years old	
	Female	Male	Female	Male	Female
HB Test	4627	1583	1727	2483	4743
Urinanalysis	1576	236	519	746	1256
Blood film	481	761	582	1446	1851
Sickle cell	82	73	49	48	66
RPR	336	14	250	49	122
TPHA	229	17	106	53	65
Stool microscopy	57	96	106	114	213
No. of cases tested for AFB	30	31	33	236	182
No. of AFB positive	2	1	1	38	23
Blood grouping	139	42	27	266	169
No. blood donation	0	0	0	193	0
No. blood transfused	65	24	24	29	75

HMIS, 2011

10.5 Number of Laboratory Test conducted in Central River Region

	ANC	Less than Five years old		More than Five years old	
	Female	Male	Female	Male	Female
HB Test	5615	3854	4223	6389	10316
Urinanalysis	3646	28	90	586	1411
Blood film	494	4289	4713	3815	6457
Sickle cell	1608	27	6	15	116
RPR	2055	22	38	123	253
TPHA	132	22	0	52	68
Stool microscopy	20	14	9	141	208
No. of cases tested for AFB	10	8	9	186	150
No. of AFB positive	9	4	0	46	28
Blood grouping	195	124	67	887	279
No. blood donation	0	0	0	948	158
No. blood transfused	237	138	105	538	242

HMIS, 2011

10.6 Number of Laboratory Test conducted in Upper River Region

	ANC	Less than Five years old		More than Five years old	
	Female	Male	Female	Male	Female
HB Test	7919	429	810	658	3988
Urinanalysis	3704	121	271	246	4284
Blood film	573	439	517	551	2234
Sickle cell	866	7	6	11	666
RPR	1686	0	20	24	387
TPHA	0	0	1	8	296
Stool microscopy	121	0	2	29	151
No. of cases tested for AFB	24	9	13	172	564
No. of AFB positive	4	3	1	20	105
Blood grouping	180	30	23	226	792
No. blood donation	0	0	0	234	372
No. blood transfused	134	18	40	62	570

HMIS, 2011

10.7 Total Number of Laboratory Test conducted in 2011

	ANC	Less than Five years old		More than Five years old	
	Female	Male	Female	Male	Female
HB Test	71375	26844	31343	55153	79383
Urine analysis	35120	915	2538	5469	21356
Blood film	8294	28457	28830	41053	65607
Sickle cell	11096	306	479	322	1455
RPR	39851	146	581	738	2513
TPHA	870	90	204	218	764
Stool microscopy	427	180	173	528	848
No. of cases tested for AFB	71	305	386	2624	2408
No. of AFB positive	16	50	39	432	469
Blood grouping	6545	561	383	2763	2107
No. blood donation	0	0	0	2580	779
No. blood transfused	1286	311	305	1341	1587

HMIS, 2011

11.0 HIV Counseling and Testing

11.1 Number of HIV Counseling and Testing conducted in Western Health Region

	Sexually transmitted infections		Others		Tuberculosis co infections		PMTCT
	Male	Female	Male	Female	Male	Female	Female
No Pre-test counseled	712	1955	792	1405	907	981	19160
No Tested	684	1719	749	1232	746	787	18172
No Declined testing	59	63	26	39	162	81	1227
No Post-test counseled	638	1637	730	1244	699	678	16770
No Positive HIV 1	64	99	53	73	62	77	204
No Positive HIV 2	8	11	4	8	4	9	35
No Positive HIV 1&2	20	50	10	42	10	18	41

HMIS, 2011

11.2 Number of HIV Counseling and Testing conducted in North Bank West Region

	Sexually transmitted infections		Others		Tuberculosis co infections		PMTCT
	Male	Female	Male	Female	Male	Female	Female
No Pre-test counseled	16	4	104	154	7	4	2620
No Tested	15	4	99	151	3	4	2583
No Declined testing	1	0	5	3	0	0	41
No Post-test counseled	15	4	99	155	3	2	2317
No Positive HIV 1	0	0	7	17	0	0	11
No Positive HIV 2	0	0	0	2	0	0	2
No Positive HIV 1&2	0	0	3	9	0	0	2

HMIS, 2011

11.3 Number of HIV Counseling and Testing conducted in North Bank East Region

	Sexually transmitted infections		Others		Tuberculosis co infections		PMTCT
	Male	Female	Male	Female	Male	Female	Female
No Pre-test counseled	210	379	212	390	15	10	2358
No Tested	196	366	131	332	12	7	2236
No Declined testing	13	19	11	14	3	3	120
No Post-test counseled	177	346	50	117	14	10	2236
No Positive HIV 1	27	48	12	19	1	0	8
No Positive HIV 2	1	7		4	0	0	2
No Positive HIV 1&2	18	33	4	14	0	10	11

HMIS, 2011

11.4 Number of HIV Counseling and Testing conducted in Lower River Region

	Sexually transmitted infections		Others		Tuberculosis co infections		PMTCT
	Male	Female	Male	Female	Male	Female	Female
No Pre-test counseled	23	58	329	407	26	19	1109
No Tested	23	56	319	399	24	19	1096
No Declined testing	2	1	8	7	2	1	13
No Post-test counseled	22	56	317	399	24	18	1034
No Positive HIV 1	3	7	30	38	1	3	9
No Positive HIV 2	0	0	5	5	1	0	3
No Positive HIV 1&2	2	0	13	8	0	1	1

HMIS, 2011

11.5 Number of HIV Counseling and Testing conducted in Central River Region

	Sexually transmitted infections		Others		Tuberculosis co infections		PMTCT
	Male	Female	Male	Female	Male	Female	Female
No Pre-test counseled	232	340	1060	2319	37	30	4404
No Tested	220	329	1060	2255	30	28	4319
No Declined testing	15	12	0	13	7	5	81
No Post-test counseled	194	310	422	1066	25	22	4108
No Positive HIV 1	38	65	22	50	1	6	51
No Positive HIV 2	3	5	8	11	1	1	7
No Positive HIV 1&2	27	27	11	26	1	2	7

HMIS, 2011

11.6 Number of HIV Counseling and Testing conducted in Upper River Region

	Sexually transmitted infections		Others		Tuberculosis co infections		PMTCT
	Male	Female	Male	Female	Male	Female	Female
No Pre-test counseled	12	128	584	171	52	20	1715
No Tested	11	122	583	159	36	15	1311
No Declined testing	2	6	1	12	16	5	413
No Post-test counseled	7	122	504	147	26	17	1266
No Positive HIV 1	4	4	11	9	4	3	11
No Positive HIV 2	1	0	5	2	0	0	0
No Positive HIV 1&2	4	6	10	9	2	2	4

HMIS, 2011

11.7 Total Number of HIV Counseling and Testing conducted in 2011

	Sexually transmitted infections		Others		Tuberculosis co infections		PMTCT
	Male	Female	Male	Female	Male	Female	Female
No Pre-test counseled	1205	2864	3081	4846	1044	1064	31366
No Tested	1149	2596	2948	4528	864	860	29717
No Declined testing	92	156	62	119	190	95	1895
No Post-test counseled	1053	2488	2222	3142	791	748	27731
No Positive HIV 1	136	223	135	206	69	89	294
No Positive HIV 2	13	23	22	32	6	10	49
No Positive HIV 1&2	71	116	51	108	13	33	66

HMIS, 2011

12.0 Prevention of Mother To Child Transmission

Region	No. of HIV positive pregnant women who received ARV prophylaxis	No. of children born to HIV positive mothers		No. of children exposed to HIV who received prophylaxis		No. of children tested for HIV at the age of 18 months	
		M	F	M	F	M	F
WHR	690	110	403	98	132	86	205
NBWR	202	10	189	12	1	3	189
NBER	12	11	6	21	27	0	3
LRR	13	8	5	14	9	14	15
CRR	28	7	9	11	10	3	3
URR	123	13	114	8	36	9	109
Total	1068	159	726	164	214	115	524

HMIS, 2011

13.0 Anti Retroviral Therapy

Region	No. of patients on ART		No. of new PLHIV who started ART		No. of PLHIV who received OI prophylaxis		No. of PLHIV who received OI treatment	
	M	F	M	F	M	F	M	F
WHR	1166	2706	56	117	1635	4366	305	757
NBWR	6	0	0	0	12	6	0	0
NBER	222	401	37	60	35	90	20	64
LRR	37	59	14	19	34	65	37	52
CRR	0	12	0	11	14	38	5	3
URR	469	1147	19	35	514	1247	169	333
Total	1900	4325	126	242	2244	5812	536	1209

HMIS, 2011

14.0 Consumption of Essential Medicines

	WHR	NBWR	NBER	LRR	CRR	URR	Total
Artemether-lumefantrine 20/120 mg (6 tabs)	55118	1670	3640	1545	15868	11365	89206
Artemether-lumefantrine 20/120 mg (12 tabs)	29532	1767	1675	1387	8258	7710	50329
Artemether-lumefantrine 20/120 mg (18 tabs)	17683	1353	1100	876	6086	6410	33508
Artemether-lumefantrine 20/120 mg (24 tabs)	68339	3423	8174	2387	18045	15406	115774
ORS	104481	23212	26869	17488	44220	33491	249761
Cotrimoxazole 480 mg	400777	87334	58445	25404	124836	42585	739381
Methyldopa 250 mg	42549	22651	13595	3390	23806	2187	108178
Amoxicillin 250 mg	173913	47277	38893	18106	74736	33942	386867
Benzyl penicillin injection	32839	10109	26078	9490	44761	8481	131758
Sulphadoxine pyrethamine	44431	10769	3419	2435	12103	5220	78377
Ferrous sulphate + folic acid	215174	88966	53265	36939	105669	18935	518948
Mebendazole 100 mg	5718	3701	2400	1913	25308	1474	40514
Tetracycline eye ointment 1%	7583	2881	17887	918	14054	1874	45197
Quinine tablets 300 mg	54017	18558	4363	4416	35194	4579	121127
Paracetamol 500 mg	671700	101641	93268	42413	171251	72774	1153047
Metronidazole tablets 250 mg	116071	58847	25574	2159	64693	8637	275981
Dextrose 5%	15774	2018	7014	1464	22131	6690	55091

HMIS, 2011

15.0 Consumption of Vaccines

	WHR	NBWR	NBER	LRR	CRR	URR	Total
BCG	55344	7963	9934	11133	22492	21899	128765
DPT	27300	2373	3646	2719	7033	9167	52238
Penta	90515	13087	14305	10613	29319	32051	189890
Pneumococcal	95312	12953	14258	11120	29400	30777	193820
Polio	181454	18717	24803	23080	53803	75416	377273
Measles	36658	4851	6684	5983	12996	13786	80958
Yellow fever	37796	5091	6713	6043	14178	15094	84915
Hepatitis B	34229	3843	4888	3314	9343	13498	69115
Tetanus Toxoid	32970	2905	4552	4079	10430	11250	66186
Vitamin A(blue caps)	35046	2215	3983	4404	12630	10517	68795
Vitamin A (red caps)	65594	11407	13081	10015	22957	29180	152234
Mebendazole 500mg	21831	6575	598	723	1953	2632	34312
AD Syringes BCG	54714	6134	6410	3918	23810	18127	113113
AD Syringes 0.5ml	274061	40852	52909	37067	91715	118172	614776
Dilution syringes	14425	3769	1989	1880	3518	6361	31942
Safety boxes	4837	781	934	447	952	1752	9703
Safety boxes sent for incineration	653	35	397	0	419	84	1588

HMIS, 2011

16.1 Number of Doses of Vaccines administered by Region in 2011

	Western Health Region				North Bank West Region				North Bank East Region			
	< 1 Year old		≥ 1 Year old		< 1 Year old		≥ 1 Year old		< 1 Year old		≥ 1 Year old	
	M	F	M	F	M	F	M	F	M	F	M	F
BCG	20164	13870	5	1	2214	2071	0	0	2495	2330	1	2
Hepatitis B	20092	13575	6	0	2167	2066	0	1	2493	2329	1	2
PENTA 1	20769	12749	6	5	2299	2104	8	6	2622	2399	0	0
PENTA 2	20106	12810	18	12	2101	2010	13	7	2531	2394	14	16
PENTA 3	20608	13030	52	33	2209	2040	12	14	2497	2251	41	16
Polio 0	20100	13659	3	0	2182	2061	1	0	2490	2329	14	18
Polio 1	20640	12763	4	2	2314	2078	4	2	2616	2420	0	0
Polio 2	19774	12765	13	8	2104	1992	6	0	2531	2389	0	0
Polio 3	18544	12761	743	376	2140	2002	78	46	2481	2242	0	0
Polio 4 Plus	21432	13624	8130	6361	2134	1943	939	890	2541	2236	565	534
Measles 1	18700	12703	272	173	1839	1716	71	67	2502	2210	7	3
Measles 2	2399	991	14	18	294	249	25	26	0	0	0	0
Yellow fever	19026	12831	241	147	2117	1947	54	35	2514	2214	1	0
Pneumococcal 1	20564	12748	172	16	2263	2106	16	6	2569	2403	0	0
Pneumococcal 2	19999	12778	24	20	2087	1986	6	15	2535	2389	0	0
Pneumococcal 3	18615	12717	254	50	2085	2011	39	25	2492	2250	0	0
DPT Booster	0	0	11765	7588	0	0	1299	1265	0	0	1678	1611
TT 1	0	0	0	9643	0	0	0	907	0	0	0	1125
TT 2 Plus	0	0	0	21212	0	0	0	2683	0	0	0	3092

HMIS, 2011

16.2 Number of Doses of Vaccines administered by region in 2011

	Lower River Region				Central River Region				Upper River Region			
	< 1 Year old		≥ 1 Year old		< 1 Year old		≥ 1 Year old		< 1 Year old		≥ 1 Year old	
	M	F	M	F	M	F	M	F	M	F	M	F
BCG	1733	1705	0	0	4946	4564	0	0	4541	4183	2	0
Hepatitis B	1634	1596	0	0	4858	4461	0	0	4473	4190	1	0
PENTA 1	1906	1827	5	7	4834	4511	3	3	4431	3852	26	14
PENTA 2	1887	1784	2	4	4676	4398	7	7	4196	3723	3	2
PENTA 3	1824	1804	132	8	4628	4329	16	27	4289	3837	10	6
Polio 0	1718	1694	0	0	4932	4497	0	0	4495	4166	0	0
Polio 1	1954	1833	3	4	4808	4472	4	3	4592	3909	4	0
Polio 2	1884	1798	5	3	4555	4427	7	5	4352	3835	3	1
Polio 3	1807	1801	26	20	4599	4296	66	61	4457	3972	12	2
Polio 4 Plus	1759	1689	1284	1117	4427	4111	1958	1716	4288	3912	2523	2273
Measles 1	1753	1667	77	56	4544	4159	131	129	4310	3973	94	56
Measles 2	13	13	7	5	0	0	4	1	36	76	0	0
Yellow fever	1754	1692	72	55	4532	4182	98	102	4394	4038	56	34
Pneumococcal 1	1917	1753	59	1	4910	4490	8	6	4659	3905	5	4
Pneumococcal 2	1902	1787	2	1	4668	4409	6	4	4357	3875	1	1
Pneumococcal 3	1864	1825	9	5	4687	4392	18	19	4454	3995	16	11
DPT Booster	0	0	1396	1245	0	0	2885	2681	0	0	3032	2632
TT 1	0	0	0	903	0	0	0	2094	0	0	0	1926
TT 2 Plus	0	0	0	3087	0	0	0	7624	0	0	0	5418

HMIS, 2011

17.0 Expanded Programme on Immunization

17.1 Actual coverage by Antigen from 2002 to 2010

	2002	2003	2004	2005	2007	2008	2009	2010
BCG	88%	85%	87.8	83.4	95%	94.49	94%	92%
HepB – Birth Dose	87%	97%	88.9	91.2	90%	95.79	94%	93%
DTP1	87%	92%	95	95.5	94%	102.5	98%	96%
DTP3	80%	90%	92.3	89.2	94%	96.14	98%	97%
Polio3	70%	108%	91.2	91.4	94%	96.77	97%	97%
HepB3	83%	88%	88.8	89.5	92%	98.55		
Hib3	80%	90%	92.3	89.2	94%	96.14	98%	97%
Measles	83%	85%	86.3	81.47	85%	90.74	96%	92%
Yellow Fever	85%	87%	86.4	87	85%	94.01	96%	92%
TT2+	70%	79%	70.5	71.48	84%	79.76	79%	75%

Source: EPI

17.2 Actual coverage by Antigen reported by the regions - 2010

Region	BCG %	OPV3 %	HepB 1 %	HepB3 %	DTP1 %	DPT3 %	PNEUM O 1	PNEUMO 3	Measles	TT2+ %
WHR	91%	93%	92%	95%	94%	103%	103%	89%	71%	95%
NBWR	83%	104%	90%	96%	95%	103%	103%	90%	103%	96%
NBER	92%	108%	93%	97%	108%	106%	109%	100%	70%	97%
LRR	96%	98%	92%	98%	100%	110%	106%	93%	79%	98%
CRR	93%	99%	92%	97%	96%	107%	103%	93%	85%	97%
URR	95%	98%	95%	98%	100%	109%	106%	97%	66%	98%
Total	92%	97%	93%	96%	97%	105%	104%	92%	75%	96%

Source: EPI

17.3 The Gambia Routine Administrative Data 2007

Region	BCG %	OPV3 %	HepB1 %	HepB3 %	DTP1 %	DPT3 %	Measles %	TT2+ %
WHR	86	88	86	89%	87	89	81	66
NBWR	88	73	78	73	80	91	84	106
NBER	97	97	100	100	103	99	99	76
LRR	96	95	104	94	95	93	93	76
CRR	99	99	98	92	95	94	94	76
URR	108	102	105	96%	98	100	100	76
Total	95	94	94	92	94	94	85	74

Source: Expanded Programme on Immunization

17.4 The Gambia Routine Administrative Data 2008

Region	BCG	OPV3	HepB1	HepB3	DTP1	DPT3	Measles	TT2+
WHR	93%	93%	91%	85%	89%	86%	80%	67%
NBWR	98%	96%	98%	98%	103%	96%	98%	8%
NBER	94%	94%	94%	99%	100%	91%	84%	78%
LRR	91%	84%	93%	93%	102%	92%	88%	104%
CRR	98%	98%	100%	97%	102%	93%	89%	82%
URR	98%	98%	98%	100%	98%	92%	87%	71%
Total	95%	97%	96%	99%	103%	96%	91%	80%

Source: Expanded Programme on Immunization

17.5 The Gambia Routine Administrative Data 2009

Region	BCG	OPV3	HepB1	DTP1	DPT3	Measles	TT2+
WHR	89%	93%	88%	92%	92%	92%	73%
NBWR	107%	110%	106%	115%	111%	103%	79%
NBER	101%	108%	100%	108%	109%	106%	89%
LRR	89%	95%	91%	99%	99%	91%	111%
CRR	97%	100%	98%	101%	103%	98%	74%
URR	101%	10%	101%	106%	104%	100%	83%
Total	94%	97%	94%	98%	98%	96%	79%

Source: Expanded Programme on Immunization **= Not applicable

17.6 The Gambia Routine Administrative Data 2010

Region	BCG	OPV3	HepB1	DTP1	DPT3	Measles	TT2+
WHR	91%	93%	92%	95%	94%	103%	103%
NBWR	83%	104%	90%	96%	95%	103%	103%
NBER	92%	108%	93%	97%	108%	106%	109%
LRR	96%	98%	92%	98%	100%	110%	106%
CRR	93%	99%	92%	97%	96%	107%	103%
URR	95%	98%	95%	98%	100%	109%	106%
Total	92%	97%	93%	96%	97%	105%	104%

Source: Expanded Programme on Immunization

18.0 Village Health Services

18.1.1 Total number of patients seen by the Village Health Workers in 2011

Region	Male	Female
Western Health Region	5217	4643
North Bank West Region	11205	8766
North Bank East Region	4776	4565
Lower River Region	4370	4161
Central River Region	6887	5741
Upper River Region	7091	6766
Total	39546	34642

HMIS, 2011

18.1.2 Number of Suspected measles reported by the Village Health Workers

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	43	62	5	10
North Bank West Region	20	13	14	25
North Bank East Region	11	0	30	0
Lower River Region	10	0	11	2
Central River Region	2384	2038	221	227
Upper River Region	35	36	8	5
Total	2503	2149	289	269

HMIS, 2011

18.1.3 Number of Fast breathing reported by the Village Health Workers

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	810	815	209	254
North Bank West Region	1375	1115	183	141
North Bank East Region	746	657	202	178
Lower River Region	935	781	79	67
Central River Region	2155	1867	0	0
Upper River Region	1139	1032	54	55
Total	7160	6267	727	695

HMIS, 2011

18.1.4 Number of Diarrhoea reported by the Village Health Workers

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	1331	1098	0	0
North Bank West Region	1765	1595	0	0
North Bank East Region	1244	1260	0	0
Lower River Region	1233	1354	0	0
Central River Region	133	83	41	35
Upper River Region	1731	1661	0	0
Total	7437	7051	41	35

HMIS, 2011

18.1.5 Number of Uncomplicated malaria confirmed with RDT reported by the Village Health Workers

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	902	619	487	419
North Bank West Region	111	110	61	40
North Bank East Region	66	62	47	46
Lower River Region	12	15	7	2
Central River Region	0	0	0	16
Upper River Region	811	723	541	443
Total	1902	1529	1143	966

HMIS, 2011

18.1.6 Number of Pregnant women with uncomplicated malaria confirmed with RDT reported by the Village Health Workers

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	0	0	0	84
North Bank West Region	0	0	0	61
North Bank East Region	0	0	0	3
Lower River Region	0	0	0	0
Central River Region	0	0	0	0
Upper River Region	0	0	0	73
Total	0	0	0	221

HMIS, 2011

18.1.7 Number of Artemether-lumefantrine issued by the Village Health Workers

Region	< 5 Years old		≥ 5 Years old	
	Male	Female	Male	Female
Western Health Region	665	511	333	430
North Bank West Region	364	339	255	209
North Bank East Region	56	59	45	39
Lower River Region	12	11	18	8
Central River Region	73	48	22	11
Upper River Region	574	464	493	394
Total	1744	1432	1166	1091

HMIS, 2011

18.2 Family Planning Services

18.2.1 Condom consumption at the VHS

Region	Number of Clients given condom		Number of condoms issued	
	Male	Female	Male	Female
Western Health Region	4592	215	16217	651
North Bank West Region	2298	95	7178	330
North Bank East Region	378	17	1496	0
Lower River Region	1604	40	6733	119
Central River Region	3423	5	10149	10
Upper River Region	3423	5	10149	10
Total	15718	377	51922	1120

HMIS, 2011

18.3 Number of Referrals by VHWs to the health facilities

Region	< 5 Years old		≥ 5 Years old	
	Male	Female	Male	Female
Western Health Region	1188	1088	448	455
North Bank West Region	822	754	297	238
North Bank East Region	1477	1380	1126	1124
Lower River Region	805	834	379	373
Central River Region	1439	1253	606	766
Upper River Region	1085	1169	548	732
Total	6816	6478	3404	3688

HMIS, 2011

18.4 Number of home visits conducted by the VHS

Region	VHW Home visits (No. of compounds)		TBA Antenatal visits	
Western Health Region	5913		5000	
North Bank West Region	6033		3204	
North Bank East Region	6137		3107	
Lower River Region	4723		4090	
Central River Region	3897		4438	
Upper River Region	3078		7336	
Total	29781		27175	

HMIS, 2011

18.5 Number of Postnatal visits conducted by the TBAs

Region	Postnatal visits made		Neonatal conjunctivitis		Neonatal tetanus	
	Male	Female	Male	Female	Male	Female
Western Health Region	0	18510	21	59	0	0
North Bank West Region	0	11722	3	8	2	3
North Bank East Region	0	12458	16	7	0	0
Lower River Region	0	10829	4	2	10	1
Central River Region	0	16715	5	6	0	0
Upper River Region	0	33953	10	37	0	1
Total	0	104187	59	119	12	5

HMIS, 2011

18.6 Family planning services conducted by the TBAs

Region	Motivations given		TBA Referrals for family planning		Women given pills		Cycles of pills issued	
	Male	Female	Male	Female	Male	Female		
Western Health Region	461	1429	124	712	0	974	0	2826
North Bank West Region	150	545	76	287	0	300	0	772
North Bank East Region	5	163	3	102	0	143	0	219
Lower River Region	39	342	15	188	0	138	0	179
Central River Region	70	536	47	358	0	717	0	857
Upper River Region	56	1077	18	788	0	926	0	857
Total	781	4092	283	2435	0	3198	0	5710

HMIS, 2011

18.7 Number of Referrals by the TBAs to health facilities

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	58	35	22	19
North Bank West Region	38	110	22	198
North Bank East Region	5	1	10	66
Lower River Region	8	17	9	5
Central River Region	29	32	5	3
Upper River Region	8	12	19	57
Total	146	207	87	348

HMIS, 2011

18.8 Number of Supervisory visits and Clinical activities conducted by the CHN

Region	CHN Supervisory visits	CHN RCH clinics attended	CHN Mothers with identified problem visited
Western Health Region	2272	794	302
North Bank West Region	1808	567	58
North Bank East Region	3208	578	115
Lower River Region	1763	414	86
Central River Region	2788	623	233
Upper River Region	2443	647	268
Total	14282	3623	1062

HMIS, 2011

18.9 Number of Other activities conducted by the CHN

Region	CHN Community meetings attended	CHN Others (Include all IEC activities)
Western Health Region	301	190
North Bank West Region	91	225
North Bank East Region	113	404
Lower River Region	134	172
Central River Region	364	374
Upper River Region	230	367
Total	1233	1732

HMIS, 2011

18.10 Number of At risk children visited by the CHN

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	323	364	33	19
North Bank West Region	393	365	107	45
North Bank East Region	469	643	4	6
Lower River Region	318	389	6	2
Central River Region	748	805	5	3
Upper River Region	660	809	9	8
Total	2911	3375	164	83

HMIS, 2011

18.11 Number of Leprosy/TB patients receiving DOTS in the Village Health Services

Region	< 5 Years old		> = 5 Years old	
	Male	Female	Male	Female
Western Health Region	203	87	640	372
North Bank West Region	79	65	91	52
North Bank East Region	5	3	74	48
Lower River Region	4	13	126	95
Central River Region	5	3	75	16
Upper River Region	6	1	198	129
Total	302	172	1204	712

HMIS, 2011

19.0 Top Causes of Outpatient Morbidity in 2011

	Diseases	Percentage
1	Uncomplicated confirmed Malaria	16.91%
2	Skin disorder	7.77%
3	No Pneumonia: Cough or cold	7.68%
4	Diarrhoea	6.69%
5	Pneumonia	5.90%
6	Hypertension	3.61%
7	Anaemia	1.69%
8	Other injuries	1.58%
9	Diarrhoea with Blood / Mucus	1.20%
10	Fast breathing	0.93%
11	Asthma	0.62%
12	Serious Possible Bacterial Infection	0.45%
13	Road Traffic Accidents	0.26%
14	Malnutrition	0.22%
15	Burns	0.21%
16	Diabetes	0.21%
17	Other bites	0.14%
18	Dog Bite	0.06%
19	Ingestion of harmful substances	0.03%
20	Snake bites	0.03%

Sources: HMIS, 2011

20.0 Top Causes of Inpatient Admission in 2011

	Diseases	Percentage
1	Severe confirmed Malaria	29.24%
2	Severe pneumonia	23.50%
3	Asthma	6.67%
4	Anaemia	6.14%
5	Severe Diarrhoea	5.31%
6	Hypertension	3.86%
7	Diabetes	2.11%
8	Serious Possible Bacterial Infection	2.09%
9	Malnutrition	1.88%
10	Diarrhoea with Blood / Mucus	0.89%
11	Burns	0.95%
12	Road Traffic Accidents	0.55%
13	Other injuries	0.52%

Sources: HMIS, 2011