

THE HEALTH SECTOR IN GHANA

FACTS AND FIGURES

2015

FOREWORD

The Ghana Health Service has the mandate to collect data from all facilities offering services in Ghana from the district level on behalf of the Ministry of Health of Ghana. This role of Ghana Health Service is performed through the Centre for Health Information Management (CHIM) a unit in the Policy Planning Monitoring and Evaluation of the Ghana Health Service. This involves collecting data from all the agencies of the Ministry that offers health care service to the citizens of the country.

In order to fulfill this mandate, there is the need for CHIM to collect accurate, relevant and timely information that will aid in decision making in the health sector. This will facilitate improvement in coverage and quality of health services delivery and ultimately the health status people living in Ghana.

This document, *The Health Sector in Ghana: Facts and Figures, 2015* is handy reference on the performance of the health sector as an information tool for health policy makers, health service / programme managers, health partners and stakeholders, as well as researchers and students.

The Ghana Health Service acknowledges the significant role of other agencies such as the Ghana Statistical Services in the compilation of this document. Some of the data used in this document were obtained from their reports.

It is the hope of that the document will be of immense value to all stakeholders particularly Directors of the Service and the Ministry of Health.

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List of Acronyms

BMC	Budget Management Centre
CFR	Case Fatality Rate
CHAG	Christian Health Association of Ghana
CHIM	Centre for Health Information Management
CHPS	Community Health Planning and Services
EPI	Expanded Programme on Immunization
GDHS	Ghana Demographic and Health Survey
GHS	Ghana Health Service
GSS	Ghana Statistical Services
HRD	Human Resource Division
NACP	National AIDS Control Programme
NHIS	National Health Insurance Scheme
PHD	Public Health Division
PMR	Proportional Mortality Rate
PPME	Policy Planning Monitoring and Evaluation

INTRODUCTION

The Health Sector Medium Term Development Plan (HSMTDP), 2014–2017, provides an outline of the health sector response to governments Medium Term Development Policy Framework (2014-2017). It also provides the basis for planning within the health sector in Ghana and defines the sectors contribution to the achievement of national medium term development goals and objectives.

The HSMTDP builds on the general principles of providing affordable primary health care to all people living in Ghana and it is underpinned by the desire to attain Universal Health Coverage for basic health services in Ghana. It also aims to improve the health status of Ghanaians in line with the country's Lower Middle Income Status. In this regard, the plan provides a framework for cost-effective general health systems development, bridging current equity gaps in access to health care services and a reinforcement of the principle of continuum of care. It builds on lessons and experiences of the Ghana Shared Growth and Development Agenda (GSGDA), which had a focus on human development, productivity and employment and attempts to hasten the achievements of the goals of the better Ghana Agenda.

The need for reliable and timely health information for decision making at all levels of the Service cannot be overemphasized. The DHIMS2 database manned by GHS provides the framework for gathering and managing health service data in the country. The capture of outpatient and inpatient data from the Korle-bu Teaching Hospital and Komfo Anokye Teaching Hospital remains a challenge. The level of private level service data also need to be improved.

Though data is readily available online, most managers are unable to access them due to their busy schedules, hence the need for the facts and figures to be generated. It is expected that the document will serve as an easy reference and support managers to make timely and appropriate decisions to improve service delivery.

2014 HEALTH SECTOR OBJECTIVES

The strategic objectives within the Sector Medium Term Development Plan 2014-2017 are to:

- HO 1. Bridge the equity gaps in geographical access to health services.
- HO 2. Ensure sustainable financing for health care delivery and financial protection for the poor.
- HO 3. Improve efficiency in governance and management of the health system.
- HO 4. Improve quality of health services delivery including mental health services.
- HO5. Enhance national capacity for the attainment of the health related MDGs and sustain the gains.
- HO 6. Intensify prevention and control of non-communicable and other communicable diseases.

1.0 Demography and Vital Statistics

1.1 Population Distribution by Region – 2015

NATIONAL TARGET POPULATION BY REGION - 2015				
	Region	Regional Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Ashanti	5,461,534	218,461	1,310,768
2	Brong Ahafo	2,589,256	103,570	621,421
3	Central	2,564,978	102,599	615,595
4	Eastern	2,921,493	116,860	701,158
5	Greater Accra	4,671,362	186,854	1,121,127
6	Northern	2,860,449	114,418	686,508
7	Upper East	1,110,863	444,35	266,607
8	Upper West	771,394	30,856	185,135
9	Volta	2,396,608	95,864	57,5186
10	Western	2,623,319	104,933	629,597
	National	27,971,256	1,118,850	6713101

Source: GSS 2010 Census (Projection)

1.2 Population Distribution by District, Ashanti Region – 2015

ASHANTI REGION TARGET POPULATION BY DISTRICT - 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Adansi North	122,350	4,894	29,364
2	Adansi South	131,818	5,273	31,636
3	Afigya-Kwabre	155,539	6,222	37,329
4	Ahafo-Ano North	107,720	4,309	25,853
5	Ahafo-Ano South	138,994	5,560	33,359
6	Amansie Central	103,671	4,147	24,881
7	Amansie West	153,472	6,139	36,833
8	Asante Akim Central	81,697	3,268	19,607
9	Asante Akim North	79,044	3,162	18,971
10	Asante Akim South	133,951	5,358	32,148
11	Asokore-Mampong	348,248	13,930	83,580
12	Atwima-Kwanwoma	103,548	4,142	24,852
13	Atwima-Mponua	136,162	5,446	32,679
14	Atwima-Nwabiagya	170,259	6,810	40,862
15	Bekwai Municipal	134,841	5,394	32,362
16	Bosome-Freho	69,003	2,760	16,561

17	Bosomtwi	107,291	4,292	25,750
18	Ejisu-Juaben	164,247	6,570	39,419
19	Ejura Sekyedumasi	97,621	3,905	23,429
20	Kumasi Metro	197,6791	79,072	474,430
21	Kwabre East	132,022	5,281	31,685
22	Mampong Municipal	100,597	4,024	24,143
23	Obuasi Municipal	192,671	7,707	46,241
24	Offinso Muncipal	87,852	3,514	21,084
25	Offinso North	64,986	2,599	15,597
26	Sekyere-Afram Plains	32,601	1,304	7,824
27	Sekyere Central	81,382	3,255	19,532
28	Sekyere East	71,031	2,841	17,047
29	Sekyere-Kumawu	74,721	2,989	17,933
30	Sekyere South	107,404	4,296	25,777
	Total	5,461,534	218,461	1,310,768

Source: GSS 2010 Census (Projection)

1.3 Population Distribution by District, Brong Ahafo Region – 2015

BRONG AHAFO REGION TARGET POPULATION BY DISTRICT - 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Asunafo North	139,699	5,588	33,528
2	Asunafo South	107,089	4,284	25,701
3	Asutifi North	59,381	2,375	14,251
4	Asutifi South	59,207	2,368	14,210
5	Atebubu-Amanten	118,694	4,748	28,487
6	Banda	22,724	909	5,454
7	Berekum	145,237	5,809	34,857
8	Dormaa East	56,997	2,280	13,679
9	Dormaa Municipal	125,611	5,024	30,147
10	Dormaa West	53,419	2,137	12,821
11	Jaman North	93,060	3,722	22,334
12	Jaman South	103,805	4,152	24,913
13	Kintampo North	106,977	4,279	25,674
14	Kintampo South	90,753	3,630	21,781
15	Nkoranza North	73,830	2,953	17,719
16	Nkoranza South	113,082	4,523	27,140
17	Pru	144,811	5,792	34,755
18	Sene East	67,797	2,712	16,271
19	Sene West	65,319	2,613	15,677
20	Sunyani Municipal	138,062	5,522	33,135
21	Sunyani West	95,540	3,822	22,930
22	Tain	98,713	3,949	23,691

23	Tano North	89,603	3,584	21,505
24	Tano South	87,537	3,501	21,009
25	Techiman Municipal	165,584	6,623	39,740
26	Techiman North	66,181	2,647	15,883
27	Wenchi Municipal	100,545	4,022	24,131
	Total	2,589,256	103,570	621,421

Source: GSS 2010 Census (Projection)

1.4 Population Distribution by District, Central Region – 2014

CENTRAL REGION TARGET POPULATION BY DISTRICT – 2014				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Abura Asebu Kwamankese	136,510	5,460	32,762
2	Agona East	100,089	4,004	24,021
3	Agona West	134,382	5,375	32,252
4	Ajumako-Enyan-Essiam	160,812	6,432	38,595
5	Asikuma-Odoben-Brakwa	131,293	5,252	31,510
6	Assin North	187,948	7,518	45,108
7	Assin South	121,435	4,857	29,144
8	Awutu-Senya	102,205	4,088	24,529
9	Awutu-Senya East	125,310	5,012	30,074
10	Cape Coast	197,912	7,916	47,499
11	Efutu	79,910	3,196	19,178
12	Ekumfi	60,845	2,434	14,603
13	Gomoa East	241,220	9,649	57,893
14	Gomoa West	157,483	6,299	37,796
15	Komenda-Edina-Eguafo-Abirem	168,569	6,743	40,457
16	Mfantiman	168,134	6,725	40,352
17	Twifo-Hemang Lower Denkyira	64,223	2,569	15,414
18	Twifo-Atti-Mokwa	71,925	2,877	17,262
19	Upper Denkyira East	84,817	3,393	20,356
20	Upper Denkyira West	69,958	2,798	16,790
	Total	2,564,978	102,599	615,595

Source: GSS 2010 Census (Projection)

1.5 Population Distribution by District, Eastern Region – 2015

EASTERN REGION TARGET POPULATION BY DISTRICT – 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Afram Plains South	128,326	5,133	30,798
2	Akwapim North	151,428	6,057	36,343
3	Akwapim South	41,607	1,664	9,986
4	Akyemansa	108,037	4,321	25,929
5	Asuogyaman	108,782	4,351	26,108
6	Atiwa	122,736	4,909	29,457
7	Ayensuano	84,574	3,383	20,298
8	Birim Central	160,733	6,429	38,576
9	Birim North	87,548	3,502	21,012
10	Birim South	132,882	5,315	31,892
11	Denkyembour	87,082	3,483	20,900
12	East Akim	186,281	7,451	44,707
13	Fanteakwa	120,508	4,820	28,922
14	Kwaebibirem	126,567	5,063	30,376
15	Kwahu East	85,570	3,423	20,537
16	Kwahu North	113,806	4,552	27,313
17	Kwahu South	77,396	3,096	18,575
18	Kwahu West	103,832	4,153	24,920
19	Lower Manya Krobo	99,019	3,961	23,765
20	New Juaben	203,846	8,154	48,923
21	Nsawam-Adoagyiri	95,417	3,817	22,900
22	Suhum	101,324	4,053	24,318
23	Upper Manya Krobo	79,986	3,199	19,197
24	Upper West Akim	96,583	3,863	23,180
25	West Akim	120,157	4,806	28,838
26	Yilo Krobo	97,466	3,899	23,392
	Total	2,921,493	116,860	701,158

Source: GSS 2010 Census (Projection)

1.6 Population Distribution by District, Greater Accra – 2015

GREATER ACCRA TARGET POPULATION BY DISTRICT - 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Accra Metro	1,939,680	77,587	465,523
2	Ada East	834,90	3,340	20,038
3	Ada West	68,874	2,755	16,530
4	Adentan Municipal	91,114	3,645	21,867
5	Ashaiman Municipal	222,466	8,899	53,392
6	Ga Central Municipal	50,038	2,002	12,009
7	Ga East	172,107	6,884	41,306
8	Ga South	565,732	22,629	135,776
9	Ga West	25,6034	10,241	61,448
10	Kpone-Katamanso	12,7982	5,119	30,716
11	La-Dade-Kotopon	21,3794	-	-
12	La-Nkwantanang-Madina Municipal	13,0384	8,552	51,311
13	Ledzokuku-Krowo	26,5521	5,215	31,292
14	Ningo Prampram	8,2381	10,621	63,725
15	Shai-Osudoku	60,712	3,295	19,771
16	Tema Metropolis	341,055	2,428	14,571
	Total	4,671,362	13,642	81,853

Source: GSS 2010 Census (Projection)

1.7 Population Distribution by District, Northern Region – 2015

NORTHERN REGION TARGET POPULATION BY DISTRICT - 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Bole	71,057	2,425	32,514
2	Bunkpurugu-Yunyoo	141,428	4,961	57,166
3	Central Gonja	101,380	3,823	44,056
4	Chereponi	61,598	2,661	25,146
5	East Gonja	15,6263	5,274	71,683
6	East Mamprusi	139,603	5,352	58,463
7	Gushiegu	128,355	5,384	55,699
8	Karaga	89,646	3,727	37,866
9	Kpandai	12,5536	4,853	53,525
10	Kumbungu	44,869	1,797	

				19,642
11	Mamprugu-Moaduri	54,100	1,991	23,267
12	Mion	93,829	3,886	40,217
13	Nanumba North	163,339	6,669	69,311
14	Nanumba South	107,825	4,408	46,737
15	North Gonja	50,238	2,029	21,904
16	Saboba	75,802	3,076	31,861
17	Sagnarigu	170,856	4,803	87,853
18	Savelugu-Nanton	160,685	6,258	70,620
19	Sawla-Tuna-Kalba	115,208	3,981	44,711
20	Tamale Metro	257,556	7,808	132,775
21	Tatale-Sanguli	68,497	2,506	29,881
22	Tolon	84,722	3,222	36,468
23	West Gonja	47,508	1,545	22,193
24	West Mamprusi	139,728	5,352	58,463
25	Yendi	136,432	5,056	61,986
26	Zabzugu	74,388	2,942	32,934
	Total	2,860,449	105,788	1,266,941

Source: GSS 2000 Census (Projection)

1.8 Population Distribution by District, Upper East Region – 2015

UPPER EAST TARGET POPULATION BY DISTRICT - 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Bawku Municipal	104594	3,270	51,177
2	Bawku West	99813	3,461	42,796
3	Binduri	65360	2,158	27,620
4	Bolgatanga	139635	4,104	74,495
5	Bongo	89741	2,924	39,605
6	Builsa North	59948	1,831	28,780
7	Builsa South	38758	1,277	18,309
8	Garu-Tempene	137993	4,839	55,302
9	Kassena Nankana	116701	3,706	57,197
10	Kassena Nankana West	75010	2,132	37,068
11	Nabdam	35905	1,138	16,218
12	Pusiga	61222	2,189	26,796
13	Talensi	86184	2,794	39,505
	Total	1,110,863	35,823	514,868

Source: GSS 2010 Census (Projection)

1.9 Population Distribution by District, Upper West Region – 2015

UPPER WEST TARGET POPULATION BY DISTRICT - 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Daffiama Bussie Issa	35,799	1,189	15,928
2	Jirapa	97,125	3,034	41,595
3	Lambussie-Karni	56,751	1,850	24,617
4	Lawra	61,123	1,741	26,184
5	Nadowli-Kaleo	67,903	1,923	29,786
6	Nandom	49,766	1,431	23,338
7	Sissala East	62,106	2,004	29,786
8	Sissala West	54,465	1,877	23,767
9	Wa East	79,186	2,926	33,921
10	Wa Municipal	117,794	3,250	64,077
11	Wa West	89,375	2,758	37,403
	Total	771,394	23,983	350,321

Source: GSS 2010 Census (Projection)

1.10 Population Distribution by District, Volta Region – 2015

VOLTA REGION TARGET POPULATION BY DISTRICT - 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Adaklu	33,883	1,066	20,475
2	Afadjato South	107,518	3,311	47,575
3	Agortime-Ziope	38,984	946	14,691
4	Akatsi North	37,376	995	15,516
5	Akatsi South	107,966	3,316	51,112
6	Biakoye	74,561	2,344	33,697
7	Central Tongu	67,218	2,063	30,915
8	Ho West	200,577	3,080	47,469
9	Ho	107,031	4,867	106,220
10	Hohoe	188,963	5,426	90,741
11	Jasikan	66,958	2,087	30,939
12	Kadjebi	67,096	2,051	30,772
13	Keta	167,016	4,576	77,131
14	Ketu North	113,042	3,384	51,570
15	Ketu South	181,881	5,921	87,825

16	Kpando	60,797	1,627	28,822
17	Krachi East	132,153	4,910	60,229
18	Krachi Nchumuru	82,240	3,003	36,379
19	Krachi West	55,911	1,982	25,217
20	Nkwanta North	73,036	2,861	31,866
21	Nkwanta South	133,368	5,001	59,965
22	North Dayi	45,158	1,283	19,257
23	North Tongu	101,574	2,835	48,395
24	South Dayi	52,793	1,612	23,699
25	South Tongu	99,507	3316	44730
	Total	2,396,608	73,863	1,115,207

Source: GSS 2010 Census (Projection)

1.11 Population Distribution by District, Western Region – 2015

WESTERN REGION TARGET POPULATION BY DISTRICT – 2015				
	District	District Projection	Target Population less than 1 year and expected pregnancy (4%)	Target Population for WIFA (24%)
1	Ahanta West	117,270	4,243	60,010
2	Aowin	130,523	4,641	70,828
3	Bia East	29,118	1,213	16,782
4	Bia West	99,322	3,468	51,233
5	Bibiani-Anhwiaso-Bekwai	136,102	4,483	72,623
6	Bodi	58,326	2,116	30,217
7	Ellembelle	96,608	3,147	51,384
8	Jomoro	165,730	5,675	87,959
9	Juabeso	65,054	2,432	35,523
10	Mpohor	47,390	1,668	24,425
11	Nzema East	67,159	2,364	35,838
12	Prestea-Huni Valley	175,884	6,289	93,556
13	Sefwi Akontombra	91,050	3,457	48,314
14	Sefwi-Wiawso	153,688	5,163	81,521
15	Sekondi-Takoradi	617,786	16,762	366,836
16	Shama	90,497	3,042	44,874
17	Suaman	22,298	795	13,305
18	Tarkwa-Nsuaem	99,894	3,428	56,722
19	Wassa Amanfi Central	75,678	2,748	38,916
20	Wassa Amenfi East	92,166	3,328	46,925
21	Wassa Amenfi West	102,262	3,640	54,200
22	Wassa East	89,511	3,316	44,098
	Total	2,623,319	87,418	1,426,089

Source: GSS 2010 Census (Projection)

2.0 Vital Statistics

2.1 Health Status Indicators

Indicator	1988	1993	1998	2003	2008	2014
Infant Mortality Rate (per 1,000 live births)	77	66	57	64	50	41
Under 5 Mortality Rate (per 1,000 live births)	155	119	108	111	80	60
Neonatal Mortality Rate (per 1,000 live births)	44	41	30	43	30	29
Post-Neonatal Mortality Rate (per 1,000 live births)	33	26	27	21	21	13
Child Mortality	84	57	54	50	31	19
Crude Birth Rate (per 1,000)	47	44	39	33	29	30.6
Crude Death Rate (per 1,000)	17	12.5	10	10	9.4	
Life Expectancy at birth (in years)	54	55.7	57	58	60	
Total Fertility Rate	6.4	5.5	4.6	4.4	4.0	4.2

Source: GDHS, 1988, 1993, 1998, 2003, 2008, 2014

2.2 Total Fertility Rate by Region

Region	1988	1993	1998	2003	2008	2014
Western	6.1	5.5	4.7	4.5	4.2	3.6
Central	6.6	5.6	4.8	5.0	5.4	4.7
Greater Accra	4.6	3.6	2.7	2.9	2.5	2.8
Volta	6.7	5.4	4.4	4.4	3.8	4.3
Eastern	5.7	5.1	4.4	4.3	3.6	4.2
Ashanti	5.9	5.6	4.5	4.1	3.6	4.2
Brong Ahafo	6.9	5.5	5.4	4.8	4.1	4.8
Northern	6.8	7.4	7.0	7.0	6.8	6.6
Upper East	6.8	6.4	5.0	4.7	4.1	4.9
Upper West	6.8	6.0	6.1	5.5	5.0	5.2
National	6.4	5.5	4.6	4.4	4.0	4.2
Rural	6.6	6.4	5.4	5.6	4.9	5.2
Urban	5.1	4.0	3.0	3.1	3.1	3.4

Source: DHS 1988, 1993, 1998, 2003, 2008, 2014

2.3 Percentage of Population with no Education

Region	1988	1993		1998		2003		2008		2014	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Western	43.6	17.8	34.1	11.8	29.6	7.3	22.3	6.1	13.9	5.1	14.2
Central	47.6	18.5	35.6	13.4	32.7	9.3	25.2	6.6	16.2	5.1	15.1
Greater Accra	21.9	9.8	19.4	9.4	19.6	5.8	12.4	3.5	7.7	2.9	8.3
Volta	38.0	20.8	34.3	19.3	31.4	7.9	20.7	8.4	22.9	4.7	19.1
Eastern	27.6	16.9	27.1	12.1	22.8	7.9	15.9	2.5	10.7	1.8	10.4
Ashanti	30.0	17.4	33.0	13.2	30.0	9.4	16.8	6.6	9.9	4.6	10.8
Brong Ahafo	42.8	21.7	30.8	20.4	32.6	14.2	27.4	17.1	24.9	10.1	20.5
Northern	81.7	62.0	75.9	63.8	79.7	59.5	78.8	48.4	65.7	47.4	65.8
Upper East	81.7	50.9	66.5	57.4	69.4	48.9	72.4	34.4	49.0	23.5	40.0
Upper West	81.7	56.9	67.9	59.0	68.4	44.9	63.3	30.2	48.1	30.7	48.7
National	39.7	26.2	38.3	20.6	34.0	17.6	28.2	13.3	21.2	9.4	19.1
Rural	46.4	32.9	46.8	25.5	39.8	25.4	39.5	19.9	30.8	15.3	28.5
Urban	26.7	12.2	22.3	10.4	22.4	8.0	16.3	5.6	10.9	4.1	11.0

Source: DHS 1988, 1993, 1998, 2003, 2008, 2014

2.4 Infant and Under Five Mortality Rate

Region	Infant Mortality Rate						Under Five Mortality Rate					
	1988	1993	1998	2003	2008	2014	1988	1993	1998	2003	2008	2014
Western	76.9	76.3	68.0	66.0	51.0	40.0	151.2	131.8	109.7	109.0	65.0	56.0
Central	138.3	71.6	83.8	50.0	73.0	48.0	208.2	128.0	142.1	90.0	108.0	69.0
Greater Accra	57.7	58.4	41.4	45.0	36.0	37.0	58.4	41.4	45.0	36.0	50.0	47.0
Volta	73.5	77.8	53.8	75.0	37.0	42.0	132.7	116.4	98.0	113.0	50.0	61.0
Eastern	70.1	55.9	50.2	64.0	53.0	43.0	138.1	93.2	89.1	95.0	81.0	68.0
Ashanti	69.8	65.2	41.9	80.0	54.0	63.0	144.2	97.6	78.2	116.0	80.0	80.0
Brong Ahafo	65.0	48.7	77.3	58.0	37.0	38.0	122.6	94.6	128.7	91.0	76.0	57.0
Northern	103.1	113.7	70.1	69.0	70.0	53.0	221.8	237.0	171.3	154.0	137.0	111.0
Upper East	103.1	105.0	81.5	33.0	46.0	46.0	221.8	180.1	155.3	79.0	78.0	72.0
Upper West	103.1	84.5	70.6	105.0	97.0	64.0	221.8	187.7	155.6	208.0	142.0	92.0
National	77	66	57	64	50	41	155	119	108	111	80	60
Rural	86.8	82.2	67.5	70.0	56.0	46.0	162.5	149.2	122.0	118.0	90.0	75
Urban	66.9	54.9	42.6	55.0	49.0	49.0	131.1	89.9	76.8	93.0	75.0	64

Source: DHS 1988, 1993, 1998, 2003, 2008 2014

2.5 Demographic and Socioeconomic Indicators

	Indicator	Ghana Value	Africa Average§	Global Average§
1	Population density (per sq. km) (2010 pop census)	103.4	N/A	N/A
2	Population age structure (%) (<u>male</u>)(2010 pop census)	49.0	N/A	N/A
3	Population age structure (%) (<u>female</u>)(2010 pop census)	51.0	N/A	N/A
4	Median age of population (2010 pop census)	20	19.0	30.0
5	Proportion of population below 15 years (%) (2010 pop census)	39.3	42.0	26.0
6	Proportion of population above 60 years (%) (2010 pop census)	6.5	5.0	12.0
7	Proportion of population living in urban areas (%) (2010 pop census)	49.0	38.0	53.0
8	Coverage of birth registration (%) (2014)*	70.5	N/A	N/A
9	^Coverage of death registration (%) (2012)	21.0	N/A	N/A
10	Adult mortality rate (15 - 60 years) per 1,000 population – male (2013)§	261	343	124
11	Adult mortality rate (15 - 60 years) per 1,000 population – female (2013)§	222	298	187
13	Life expectancy at birth (<u>male</u>) (2013)§	62	56	70
14	Life expectancy at birth (<u>female</u>) (2010)§	64	59	68
15	Life expectancy at birth (<u>both sexes</u>) (2010)§	62	58	73
16	Net primary school attendance ratio - <u>male</u> (%) (2014)*	69.6	80.0	92
17	Net primary school attendance ratio - <u>female</u> (%) (2014)*	69.6	76.0	90
18	Total gross domestic product (2014)§	\$90.41bill	N/A	N/A
19	Gross domestic product per capita (2014)§	\$4,100	N/A	N/A
20	Annual economic growth rate (%) (2014)§	4.2	N/A	N/A
22	Population living on less than 1 US\$ dollar per day (2014)§	28.6	47.0	14.6

NA: Not available

Source:

§World Health Statistics 2015 – WHO;

**Population and Housing Census 2010 GSS (2013)

* DHS 2014

§The World Fact book: www.cia.gov/library/publications/the-world-factbook/geos/GH

2.6 Health-Related Millennium Development Goals

	Indicator	Ghana Value	Africa Average §	Global Average §
1	Adolescent fertility rate (per 1,000 girls aged 15-19 years) (2014)*	76.3		
2	Unmet need for family planning (%) (2014)*	29.9	25	12
3	Prevalence of HIV among adults aged 15 - 24years (2014)	0.8	N/A	N/A
4	Proportion of <u>males</u> aged 15-24 years with comprehensive correct knowledge of HIV/AIDS (%) (2014)*	27.2	N/A	N/A
5	Proportion of <u>females</u> aged 15-24 years with comprehensive correct knowledge of HIV/AIDS (%) (2014)*	19.9	N/A	N/A
6	Antiretroviral therapy coverage among people with advanced HIV infection (%) (2012)	58	63	61
7	Malaria mortality rate per 100,000 population (2012)§	69	63	11
8	Children aged less than 5 years sleeping under insecticide-treated bed-nets (%) (2014)*	47.0	25	N/A
9	Children aged less than 5 years who received any antimalarial treatment for fever (%) (2014)*	48.5	N/A	N/A
10	Access to improved drinking-water sources (%) (2014)*	89.8	66.0	90.0
11	Access to improved sanitation (%) (2014)*	14.0	33.0	64.0
12	Infants exclusively breastfed for the first 6 months of life (2014)*	36.2		
13	Alcohol consumption among adults aged 15 years and above (liters per person per year) (2010)§	4.8	6.0	6.2
14	Prevalence of tobacco use – <u>male</u> (%) (2014)*	5.1	24.2	36.1
15	Prevalence of tobacco use – <u>female</u> (%) (2014)*	0.4	2.4§	6.8

NA: Data Not Available

Source: *DHS 2014, §World Health Statistics 2015 - WHO

2.7 Health Expenditure Indicators

	Indicator	Ghana Value	Africa Average	Global Average
1	Total expenditure on health as % of gross domestic product (2012)	5.2	5.6	8.6
2	General government expenditure on health as % of total expenditure on health (2011)	68.3	50.8	38.8
3	Private expenditure on health as % of total expenditure on health (2011)	31.7	49.2	42.3
4	General government expenditure on health as % of total government expenditure (2011)	10.6	11.4	14.1
5	Out-of-pocket expenditure on health as % of private expenditure on health (2011)	91.9	60.6	52.6
6	Per capita total expenditure on health at average exchange rate (US\$) (2011)	86.0	105	1,025
7	Per capita government expenditure on health at average exchange rate (US\$) (2011)	59	53	615

Source: World Health Statistics 2015 - WHO

3.0 Health Infrastructure

3.1 Health Facilities by Type and Ownership, 2015

Region	CHPS	Clinic	District Hospital	Health Centre	Hospital	Midwife / Maternity	Mines	Polyclinic	Psychiatric Hospital
Ashanti	906	116	25	141	94	71	0	0	0
Brong Ahafo	423	107	18	83	13	41	0	4	0
Central	219	67	12	64	15	35	0	2	1
Eastern	477	112	14	84	16	25	0	2	0
Greater Accra	176	277	6	20	70	86	0	12	2
Northern	185	57	15	83	12	9	0	4	0
Upper East	233	48	6	44	1	2	0	0	0
Upper West	176	15	3	68	6	5	0	5	0
Volta	273	39	17	146	11	16	0	2	0
Western	267	144	18	59	20	36	3	1	0
National	3335	982	134	792	258	326	3	32	3

3.2 Number of Hospital Beds by Region and Ownership - 2014

Region	Government	CHAG	Islamic	Quasi Government	Private	Total	% By Region
Ashanti	1230	1063	52	131	555	3,031	15.2
Brong Ahafo	895	1303	0	0	186	2,384	12.0
Central	1523	424	0	72	11	2,030	10.2
Eastern	1088	1054	0	134	0	2,276	11.4
Greater Accra	1581	41	0	13	52	1,687	8.5
Northern	1268	414	0	0	0	1,682	8.4
Upper East	679	375	0	0	70	1,124	5.6
Upper West	525	370	0	0	0	895	4.5
Volta	1400	895	0	0	62	2,357	11.8
Western	1499	500	0	228	209	2,436	12.2
Total	11,689	6,441	52	580	1,145	19,907	100
% By Ownership	58.7	32.4	0.3	2.9	5.8	100	

Source: CHIM/PPME-GHS

NB: Data for Quasi Government and Private Hospitals are incomplete

3.3 Distribution of Health Professionals by Region – 2015

Category	AR	BAR	CR	ER	GAR	NR	UER	UWR	VR	WR	Total
Accountant	2	3	-	-	6	-	1	-	-	1	13
Accounts Officer	-	3	2	2	8	1	1	2	5	2	26
Administrative Manager	-	1	-	-	7	-	-	1	-	-	9
Artisan	1	-	4	2	2	2	1	2	2	-	16
Auditor	3	-	-	-	2	-	-	-	-	-	5
Biomedical Scientist	5	3	3	2	6	2	1	2	1	-	25
Biostatistics Assistant	13	5	5	6	15	4	1	3	10	8	70
Biostatistics Officer	1	1	-	1	-	-	-	-	-	-	3
Catering Officer	1	-	-	1	-	-	-	-	-	-	2
Clinical Engineering Manager	-	-	-	-	1	-	-	-	-	-	1
Clinical Psychologist	1	-	1	-	-	-	-	-	-	-	2
Community Health Nurse	267	161	190	193	207	84	84	162	296	244	1,888
Cook	-	2	1	2	1	-	-	-	2	3	11
Dental Technician	5	2	1	-	4	-	2	1	1	3	19
Deputy Director	-	-	-	-	-	-	-	-	1	-	1
Dietician	-	-	1	-	-	-	-	-	-	-	1
Director	-	-	-	-	1	-	-	-	-	-	1
Dispensing Assistant	1	-	-	3	2	-	1	-	3	2	12
District Director	-	1	-	-	-	-	-	1	-	-	2
Driver	7	3	1	1	11	4	1	5	2	2	37
Emergency Medical Technician	-	-	1	-	-	-	-	-	-	-	1
Enrolled Nurse	465	258	170	98	414	265	71	189	231	513	2,674
Environmental Health Assistant	-	-	-	-	2	-	-	-	-	-	2
Estate Officer	-	-	-	1	-	2	-	-	-	1	4
Executive Officer	-	-	-	-	4	1	-	-	2	1	8
Field Technician	19	21	11	13	21	14	-	18	10	9	136
Finance Officer	-	1	2	1	-	1	-	-	1	1	7
Health Assistant	20	6	10	6	10	1	-	-	11	10	74
Health Educator	1	-	-	1	1	-	1	-	-	1	6

Category	AR	BAR	CR	ER	GAR	NR	UER	UWR	VR	WR	Total
Mortuary Attendant	-	-	2	1	-	1	-	-	-	1	5
Nutrition Officer	-	1	1	2	3	-	2	-	-	1	10
Nutrition Technical Officer	5	3	2	2	1	-	-	1	1	5	20
Occupational Therapist	-	-	1	-	-	-	-	-	-	-	1
Optometrist	-	-	-	1	2	-	-	-	-	-	3
Orderly	36	8	8	15	12	4	5	4	36	9	137
Pharmacist	13	4	2	2	14	-	-	-	4	4	43
Pharmacy Technician	21	-	1	2	-	1	1	-	2	3	31
Physician Assistant	9	-	3	-	5	1	2	2	1	1	24
Physiotherapist	-	-	-	-	-	-	1	-	-	-	1
Physiotherapy Assistant	4	1	2	2	2	-	1	-	2	-	14
Porter	-	-	-	-	-	-	-	-	2	-	2
Private Secretary	-	-	-	-	1	-	-	-	-	-	1
Procurement Manager	-	-	-	1	-	-	-	-	-	-	1
Quantity Surveyor	-	-	-	-	1	-	-	-	-	-	1
Radiographer	-	-	-	1	-	-	-	-	-	1	2
Receptionist/Telephonist	1	-	-	-	-	-	-	-	1	-	2
Records Officer	-	-	-	-	1	-	-	-	-	-	1
Registered Nurse	360	99	96	93	351	66	54	73	123	99	1,414
Seamstress	-	-	-	-	-	-	-	-	1	-	1
Security Guard	3	-	8	1	3	-	2	-	1	-	18
Specialist	1	-	-	1	9	-	1	2	-	-	14
Stenographer Secretary	1	-	-	1	5	-	-	-	-	-	7
Sterilisation Machine Operator	-	-	-	-	-	1	-	-	-	-	1
Storekeeper	1	1	1	2	-	2	1	-	2	-	10
Supply Officer	2	-	1	1	2	1	-	1	-	1	9
Technical Assistant	20	7	3	8	6	4	-	1	1	7	57
Technical Officer (Bio/HI/CDC)	23	10	6	10	16	8	6	11	10	7	107

Source: HRD-GHS

NB: Data includes Korle Bu Teaching Hospital, Komfo Anokye Teaching Hospital and CHAG facilities

3.4 Doctor to Population Ratio

REGION	2014		2013		2012		2011	
	Number of Doctors	Doctor Population Ratio	Number of Doctors	Doctor Population Ratio	Number of Doctors	Doctor Population Ratio	Number of Doctors	Doctor Population Ratio
Ashanti	541	9,830	558	9,280	630	7,793	630	7,793
Brong Ahafo	145	17,455	148	16,695	154	15,352	154	15,352
Central	114	21,823	111	21,700	107	21,216	107	21,216
Eastern	171	16,733	159	17,582	166	16,195	166	16,195
Greater Accra	1651	2,744	1356	3,240	1085	3,810	1085	3,810
Northern	117	23,759	131	20,685	117	21,801	117	21,801
Upper East	34	3,2285	40	27,391	27	39,226	27	39,226
Upper West	21	36,048	19	38,692	18	39,747	18	39,747
Volta	114	20,510	111	20,625	91	23,859	91	23,859
Western	108	23,814	97	26,048	91	26,632	91	26,632
National	3016	9,043	2,730	9,749	2,477	10,209	2,477	10,209

REGION	2010		2009		2008	
	Number of Doctors	Doctor Population Ratio	Number of Doctors	Doctor Population Ratio	Number of Doctors	Doctor Population Ratio
Ashanti	684	7,184	589	8,288	495	9,861
Brong Ahafo	99	22,967	134	16,919	103	22,012
Central	113	18,218	84	22,877	72	26,689
Eastern	163	15,801	148	16,132	134	17,817
Greater Accra	935	4,099	839	5,103	827	5,177
Northern	134	18,257	46	50,751	33	70,744
Upper East	33	31,214	29	35,010	30	33,843
Upper West	25	27,050	14	47,932	15	44,736
Volta	64	32,605	73	26,538	68	28,490
Western	75	31,190	77	33,187	78	32,761
National	2,325	10,423	2,033	11,929	1855	13,074

3.5 Nurse to Population Ratio

REGION	2014		2013		2012	
	Number of Nurses	Nurse Population Ratio	Number of Nurses	Nurse Population Ratio	Number of Nurses	Nurse Population Ratio
Ashanti	7170	1,088	2,308	2,244	2,096	1,550
Brong Ahafo	2993	1,132	815	1,072	720	1,470
Central	3735	996	960	1,046	858	1,250
Eastern	4142	900	1,117	1,214	1,019	1,237
Greater Accra	7722	764	3,508	1,904	3,336	917
Northern	4438	1,255	1,067	1,170	900	1,601
Upper East	2256	669	604	470	505	930
Upper West	1397	813	311	322	288	941
Volta	3237	925	785	988	712	1,244
Western	3772	1,077	770	1,092	691	1,422
National	40859	959	2,308	2,172	11,125	1,251

REGION	2011		2010		2009		2008	
	Number of Nurses	Nurse Population Ratio	Number of Nurses	Nurse Population Ratio	Number of Nurses	Nurse Population Ratio	Number of Nurses	Nurse Population Ratio
Ashanti	1,789	1,568	4,252	1,156	4,161	1,173	3,533	1,382
Brong Ahafo	672	1,495	1,826	1,245	2,283	993	1,940	1,169
Central	713	1,309	1,715	1,200	2,369	881	2,104	913
Eastern	921	1,173	2,703	953	2,871	832	2,454	973
Greater Accra	2,941	1,255	4,793	800	4,897	874	4,656	919
Northern	785	1,547	1,716	1,426	1,708	1,367	1,480	1,577
Upper East	424	914	1,112	926	1,262	805	1,051	966
Upper West	259	950	803	842	895	750	758	885
Volta	659	1,242	1,914	1,090	2,421	800	2,132	909
Western	614	895	1,673	1,398	2,107	1,213	1,753	1,458
National	9,777	1,240	22,507	1,077	24,974	971	21,861	1,109

Source: CHIM/HRD-GHS

3.6 Hospital Bed Utilisation Statistics

Region	Percentage Occupancy							Average Length of Stay						
	2014	2013	2012	2011	2010	2009	2008	2014	2013	2012	2011	2010	2009	2008
Ashanti	55.1	78.1	53.5	50.4	69.4	65.5	63.3	2.6	2.7	2.8	2.6	3.9	4.0	4.2
Brong Ahafo	69.1	74.3	55.4	63.5	62.2	57.9	60.5	3.2	3.2	3.5	3.6	3.8	3.5	3.9
Central	46.9	43.3	66.5	56.4	50.5	51.4	52.5	3.1	3.6	4.6	4.5	3.6	3.5	4.0
Eastern	60.3	56.7	56.7	59.6	57.4	55.9	55.6	3.9	3.7	3.7	4.1	4.2	4.2	4.4
Greater Accra	77.5	63.1	116.6	87.7	86.1	78.3	72.0	4.7	4.2	5.6	4.7	6.4	6.0	6.4
Northern	76.4	70.2	82.2	82.2	71	59.1	61.3	2.6	2.5	2.8	2.9	3	2.2	2.7
Upper East	60.2	58.3	64.0	60.1	52.5	49.7	42.2	3.3	2.8	2.8	2.7	2.7	2.8	2.9
Upper West	71.7	68.5	79.6	72.6	66.1	62.1	59.4	3.1	3.3	2.8	3.2	3.5	3.5	3.4
Volta	61.2	52.4	66.5	61.0	52.9	54.1	51.1	3.5	3.9	4.1	4.2	4.2	4.5	4.9
Western	49.3	58.4	48.3	56.9	53.8	52.0	51.5	2.8	3.0	2.8	3.2	3.3	3.3	3.7
National	61.3	61.5	64.5	51.4	63.2	59.8	58.3		3.2	3.5	3.6	3.9	3.8	4.2

Region	Turnover Per Bed							Turnover Interval						
	2014	2013	2012	2011	2010	2009	2008	2014	2013	2012	2011	2010	2009	2008
Ashanti	99.1	104.1	70.6	71.3	64.6	59.7	54.7	2.7	0.8	2.4	2.5	1.7	2.1	2.5
Brong Ahafo	98.1	85.6	57.4	65	60.5	59.8	56.6	3.0	1.1	2.8	2.0	2.3	2.6	2.6
Central	98.6	44.4	53.0	48.1	51	54.2	47.9	3.1	4.7	2.3	2.9	3.5	3.3	3.6
Eastern	98.5	56.3	56.3	52.9	49.7	49.0	46.1	4.9	2.8	2.8	2.8	3.1	3.3	3.5
Greater Accra	96.9	54.7	76.4	68	49.5	47.3	41.4	5.3	2.5	-0.8	0.7	1	1.7	2.5
Northern	98.7	101.9	106.0	100	87.8	98.2	81.6	2.8	1.1	0.6	0.6	1.2	1.5	1.7
Upper East	97.4	76.5	82.3	80.0	72	65.0	52.8	3.5	2.0	1.6	1.8	2.4	2.8	4.0
Upper West	98.5	75.9	102.4	83.1	68.9	64.0	63.2	3.7	1.5	0.7	1.2	1.8	2.2	2.4
Volta	99.1	49.1	60.0	52.9	46.3	44.1	38.4	3.4	3.5	2.0	2.6	3.7	3.8	4.7
Western	98.7	71.8	62.7	65.4	60.3	57.0	50.6	2.5	2.1	3.0	2.4	2.8	3.1	3.5
National	99.7	70.1	68.0	68.7	58.8	57.1	51.1	3.3	2.0	1.9	2.0	2.3	2.6	3.0

Source: CHIM/PPME-GHS

4.0 Health Service Outputs

4.1 Number of Outpatient Attendance by Region

Region	2014	2013	2012	2011	2010	2009
Ashanti	4,868,656	4,660,325	4,846,942	5,773,869	4,728,463	4,323,256
Brong Ahafo	4,615,603	4,206,031	3,933,372	3,504,469	3,329,194	2,612,168
Central	2,636,021	2,413,049	2,338,360	1,802,886	1,259,663	1,370,625
Eastern	3,501,425	3,643,316	3,771,103	3,166,197	2,668,644	2,272,375
Greater Accra	3,745,804	3,515,736	4,040,356	2,651,707	3,731,034	2,179,283
Northern	2,207,019	1,891,044	1,845,607	1,589,509	1,385,832	1,245,261
Upper East	2,033,729	2,277,818	2,129,019	1,459,504	1,516,610	1,387,025
Upper West	957,563	891,475	814,406	758,084	598,533	484,513
Volta	2,815,038	2,509,238	2,240,690	1,883,185	1,515,544	1,335,027
Western	3,706,966	3,530,033	3,550,476	3,271,384	2,650,328	2,538,306
National	31,087,824	30,849,253	29,510,331	25,860,794	23,383,845	19,747,839

Region	2008	2007	2006	2005	2004	2003	2002
Ashanti	3,427,329	3,272,767	1,912,396	1,502,660	1,350,769	1,248,955	2,226,059
Brong Ahafo	2,869,659	2,193,079	900,881	875,734	860,430	824,193	1,190,139
Central	1,281,602	1,293,818	1,477,204	1,278,852	1,186,311	1,057,649	734,932
Eastern	2,279,528	2,186,024	1,785,471	1,828,929	1,779,887	1,621,972	984,570
Greater Accra	2,105,980	2,352,191	652,054	681,667	638,455	526,678	1,639,943
Northern	1,113,699	685,085	538,202	561,182	565,659	561,455	536,880
Upper East	1,018,813	689,124	290,449	339,923	307,946	289,252	604,645
Upper West	459,309	420,775	745,979	750,000	735,727	664,788	294,325
Volta	1,378,484	958,330	1,324,909	1,114,579	1,128,674	964,450	610,526
Western	2,140,855	1,724,606	2,613,618	2,711,662	2,517,396	2,459,629	931,615
National	18,075,258	15,775,799	12,241,163	11,650,188	11,071,254	10,219,021	9,753,634

Source: CHIM/PPME-GHS

4.2 Outpatient Attendance per Capita

(This is the average number of outpatient visits per person per year)

Region	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Ashanti	0.92	0.9	0.96	1.1	1.04	0.89	0.73	0.72	0.59	0.63	0.61	0.62	0.58
Brong Ahafo	1.8	1.7	1.63	1.4	1.25	1.15	1.30	1.02	0.91	0.73	0.67	0.64	0.62
Central	1.0	1.0	1.00	0.97	0.81	0.71	0.68	0.70	0.50	0.50	0.50	0.49	0.44
Eastern	1.2	1.3	1.38	1.1	1.04	0.95	0.97	0.94	0.65	0.57	0.53	0.48	0.45
Greater Accra	0.82	0.8	0.95	0.67	0.97	0.51	0.51	0.60	0.47	0.51	0.52	0.49	0.52
Northern	0.79	0.7	0.70	0.74	0.54	0.53	0.49	0.31	0.30	0.33	0.31	0.27	0.28
Upper East	1.8	2.1	1.99	1.7	1.47	1.37	1.01	0.69	0.55	0.58	0.59	0.59	0.64
Upper West	1.3	1.2	1.12	1.4	0.91	0.72	0.70	0.65	0.46	0.54	0.50	0.48	0.49
Volta	1.2	1.1	1.01	0.74	0.76	0.69	0.73	0.51	0.41	0.42	0.42	0.38	0.36
Western	1.4	1.4	1.44	1.1	1.16	0.69	0.86	0.72	0.57	0.49	0.52	0.46	0.45
National	1.1	1.16	1.14	1.0	0.98	0.81	0.77	0.69	0.55	0.54	0.52	0.50	0.49

Source: CHIM/PPME-GHS

4.3 Number of Inpatient Admissions by Region

Region	2014	2013	2012	2011	2010	2009
Ashanti	274,623	256,377	234,092	206,415	225,629	207,089
Brong Ahafo	196,098	172,945	165,801	135,478	123,187	111,521
Central	111,696	105,719	103,453	83,030	79,562	77,620
Eastern	167,945	170,622	172,819	149,163	139,159	127,050
Greater Accra	119,394	122,761	119,432	99,734	132,975	112,314
Northern	195,484	190,010	186,069	155,020	118,499	116,818
Upper East	71,581	81,779	87,349	71,825	66,538	56,324
Upper West	72,858	62,225	62,690	58,106	51,605	44,287
Volta	164,888	143,582	125,588	112,866	101,653	93,829
Western	159,812	153,435	149,276	132,651	121,263	115,246
National	1,534,379	1,459,455	1,406,569	1,204,288	1,160,070	1,062,098

Region	2008	2007	2006	2005	2004	2003	2002
Ashanti	145,316	163,357	147,223	158,436	153,891	150,209	133,495
Brong Ahafo	104,976	83,034	81,607	77,798	67,931	67,009	62,531
Central	60,658	96,404	67,628	63,932	59,611	55,820	54,871
Eastern	121,985	99,555	91,578	100,222	82,859	99,469	90,329
Greater Accra	79,974	136,823	92,890	98,561	81,874	76,606	88,299
Northern	66,146	69,185	60,547	67,063	72,368	74,733	69,801
Upper East	48,507	57,428	41,166	42,971	41,695	39,164	38,910
Upper West	42,061	36,721	29,716	36,047	32,157	30,656	31,846
Volta	83,093	70,162	69,919	70,000	68,144	66,241	63,844
Western	94,037	88,332	85,446	85,407	84,908	78,984	71,949
National	846,753	901,001	767,720	800,437	745,438	738,891	705,875

Source: CHIM/PPME-GHS

4.4 Hospital Admission Rate

(This is the average number of hospital admissions per 1,000 population)

Region	2014	2013	2012	2011	2010	2009
Ashanti	51.9	49.51	46.43	40.9	45.92	33.16
Brong Ahafo	77.2	69.90	68.56	56.0	54.18	49.29
Central	43.2	43.81	44.20	35.5	38.65	38.81
Eastern	56.8	60.88	62.96	54.3	54.03	36.36
Greater Accra	26.4	27.93	28.02	23.4	34.69	17.97
Northern	70.3	70.34	70.87	59.0	48.44	49.24
Upper East	65.2	75.39	81.50	67.0	64.6	56.22
Upper West	97.0	83.76	85.99	79.7	76.31	67.03
Volta	70.5	62.94	56.43	50.7	48.71	51.28
Western	59.2	60.85	60.39	53.7	51.84	45.71
National	55.6	54.88	54.24	46.4	47.87	38.96

Region	2008	2007	2006	2005	2004	2003	2002
Ashanti	30.78	35.78	33.3	37.1	37.3	37.6	34.6
Brong Ahafo	47.46	38.48	38.8	37.9	33.9	34.3	32.8
Central	32.23	52.30	37.5	36.2	34.4	32.9	33.0
Eastern	51.81	42.87	40.0	44.4	37.2	45.3	41.7
Greater Accra	19.50	34.83	25.0	27.3	23.7	23.2	27.9
Northern	29.13	31.32	28.2	32.1	35.6	37.8	36.3
Upper East	48.30	57.81	41.9	44.2	43.4	41.2	41.4
Upper West	63.75	56.60	46.6	57.5	52.1	50.6	53.4
Volta	43.71	37.61	38.2	39.0	38.7	38.3	37.6
Western	37.98	36.82	37.0	37.9	38.9	37.3	35.1
National	35.91	39.29	34.4	36.9	35.3	36.0	35.3

Source: CHIM/PPME-GHS

4.5 Case Fatality Rate for Malaria

Region	2014		2013		2012		2011	
	Under 5	All Ages	Under 5	All Ages	Under 5	All Ages	Under 5	All Ages
Ashanti	0.18	0.20	0.42	0.37	0.35	0.39	0.39	0.37
Brong Ahafo	0.35	0.30	0.46	0.50	0.77	0.97	1.13	1.25
Central	1.2	1.39	0.86	1.72	0.98	1.89	1.84	3.04
Eastern	0.32	0.26	0.43	0.45	0.38	0.46	0.50	0.47
Greater Accra	0.52	0.61	0.92	0.93	0.66	0.91	0.94	1.13
Northern	1.1	0.94	1.11	0.93	1.19	1.01	1.74	1.54
Upper East	0.4	0.62	0.69	0.87	0.70	1.00	0.95	1.23
Upper West	0.43	0.71	0.76	1.12	0.70	1.42	1.16	1.56
Volta	0.5	0.57	0.70	0.88	0.95	1.26	0.15	0.40
Western	0.42	0.35	0.58	0.55	0.78	0.77	0.83	0.82
National	0.54	0.53	0.69	0.74	0.78	0.92	1.04	1.11

Region	2010		2009		2008		2007		2006		2005	
	Under 5	All Ages	Under 5	All Ages	Under 5	All Ages	Under 5	All Ages	Under 5	All Ages	Under 5	All Ages
Ashanti	0.76	0.59	0.6	0.5	0.7	0.5	3.0	1.5	1.7	1.2	2.2	1.3
Brong Ahafo	1.59	1.38	1.3	1.1	1.4	1.1	1.6	1.5	1.9	4.5	1.8	1.6
Central	1.81	2.81	2.9	3.2	3.0	3.4	3.9	3.9	4.2	4.0	4.5	4.1
Eastern	0.76	0.76	0.8	0.8	1.0	0.8	1.5	1.3	1.5	1.5	1.5	1.2
Greater Accra	3.06	2.33	1.0	1.2	1.2	1.5	1.5	4.0	1.0	2.3	1.2	2.0
Northern	2.41	2.03	3.0	2.6	3.3	2.6	2.8	2.1	5.1	4.1	3.1	2.6
Upper East	1.40	1.61	1.6	1.8	2.0	1.9	2.1	1.9	2.6	2.4	2.5	2.2
Upper West	1.02	1.25	1.6	1.8	0.8	1.1	1.3	1.4	3.0	2.0	3.0	2.5
Volta	1.56	1.78	1.9	2.3	2.1	2.9	3.0	2.7	3.1	3.0	4.8	4.4
Western	1.36	1.21	1.8	1.5	2.1	1.9	3.0	2.7	2.7	2.3	3.4	2.9
National	1.47	1.41	1.7	1.6	1.6	1.4	2.4	2.1	2.7	2.6	2.8	2.3

4.5 Top Twenty Causes of Outpatient Morbidity 2002 -2013

#	2013			2012			2011		
	Disease	Number of Cases	% of Total	Disease	Number of Cases	% of Total	Disease	Number of Cases	% of Total
1	Malaria	10,839,392	34.71	Malaria	10,171,448	39.98	Malaria	1,0171,448	40.0
2	Upper Respiratory Tract Infections	3,549,464	11.37	Other ARI(Acute Respiratory Infection)	2,718,135	10.68	Other ARI(Acute Respiratory Infection)	2,718,135	10.7
3	Diarrhoea Diseases	1,530,739	4.90	Skin Diseases & Ulcers	1,168,196	4.59	Skin Diseases & Ulcers	1,168,196	4.6
4	Skin Diseases	1,511,787	4.84	Diarrhoea Diseases	1,083,005	4.26	Diarrhoea Diseases	1,083,005	4.3
5	Rheumatism & Other Joint Pains	1,369,466	4.39	Rheumatism and Joint Pains	948,428	3.73	Rheumatism and Joint Pains	948,428	3.7
6	Anaemia	955,001	3.06	Hypertension	860,745	3.38	Hypertension	860,745	3.4
7	Hypertension	936,958	3.00	Anaemia	555,159	2.18	Anaemia	555,159	2.2
8	Intestinal Worms	804,472	2.58	Intestinal worms	540,733	2.13	Intestinal worms	540,733	2.1
9	Acute Eye Infection	566,833	1.82	Acute Eye infection	517,397	2.03	Acute Eye infection	517,397	2.0
10	Acute Urinary Tract Infection	506,402	1.62	Acute Urinary Tract Infection	363,418	1.43	Acute Urinary Tract Infection	363,418	1.4
11	Typhoid Fever	339,877	1.09	Pregnancy and Related Complications	247,570	0.97	Pregnancy and Related Complications	247,570	1.0
12	Other Acute Ear infection	284,236	0.91	Typhoid/Enteric Fever (Typhoid)	247,303	0.97	Typhoid/Enteric Fever (Typhoid)	247,303	1.0
13	Pregnancy Related Complications	259,287	0.83	Acute Ear infection	238,910	0.94	Acute Ear infection	238,910	0.9
14	Pneumonia	236,585	0.76	Home Accidents and Injuries	213,925	0.84	Home Accidents and Injuries	213,925	0.8
15	Diabetes Mellitus	220,098	0.70	Diabetes Mellitus	204,812	0.81	Diabetes Mellitus	204,812	0.8
16	Vaginal Discharge	209,327	0.67	Gynaecological conditions	190,073	0.75	Gynaecological conditions	190,073	0.7
17	Home Injuries (Home Accidents and Injuries)	208,617	0.67	Vaginal Discharge	180,892	0.71	Vaginal Discharge	180,892	0.7
18	Gynaecological conditions	203,061	0.65	Pneumonia	177,404	0.70	Pneumonia	177,404	0.7

19	Referrals	158,841	0.51	Road Traffic Accidents	108,201	0.43	Road Traffic Accidents	108,201	0.4
20	Transport injuries (Road Traffic Accidents)	126,112	0.40	Dental Caries	98,996	0.39	Dental Caries	98,996	0.4
	All other Diseases	6,409,098	20.53	All Other Diseases	4,606,662	18.11	All Other Diseases	4,606,662	18.1
		31,225,653			28,728,687			25,441,412	

#	2010			2009			2008		
	Disease	Number of Cases	% of Total	Disease	Number of Cases	% of Total	Disease	Number of Cases	% of Total
1	Malaria	8,208,670	43.9	Malaria	7,096,440	46.2	Malaria	5,041,025	47.4
2	Other ARI(Acute Respiratory Infection)	1,695,666	9.1	Other ARI(Acute Respiratory Infection)	1,306,354	8.5	Upper respiratory tract infection	794,301	7.5
3	Skin Diseases & Ulcers	814,224	4.3	Skin Diseases & Ulcers	622,391	4.1	Diarrhoeal Diseases	385,737	3.6
4	Diarrhoea Diseases	737,804	3.9	Diarrhoea Diseases	590,286	3.8	Skin Diseases	422,948	4.0
5	Hypertension	644,134	3.4	Hypertension	497,845	3.2	Hypertension	321,994	3.0
6	Rheumatism and Joint Pains	603,834	3.2	Rheumatism and Joint Pains	429,708	2.8	Home/Occupational Injuries	133,051	1.3
7	Intestinal worms	374,637	2.0	Acute Eye infection	285,328	1.9	Acute Eye Infections	185,175	1.7
8	Acute Eye infection	325,269	1.7	Intestinal worms	256,699	1.7	Pregnancy and Related Complications	158,458	1.5
9	Anaemia	321,792	1.7	Anaemia	211,318	1.4	Rheumatic and Joint Diseases	254,518	2.4
10	Pregnancy and Related Complications	214,008	1.1	Pregnancy and Related Complications	201,566	1.3	Anaemia	139,593	1.3
11	Acute Urinary Tract Infection	209,728	1.1	Home Accidents and Injuries	167,689	1.1	Intestinal Worms	165,534	1.6
12	Home Accidents and Injuries	181,254	1.0	Acute Urinary Tract Infection	157,383	1.0	Gynaecological Diseases	92,719	0.9
13	Typhoid/Enteric Fever (Typhoid)	179,497	1.0	Typhoid/Enteric Fever(Typhoid)	141,607	0.9	Pneumonia	85,386	0.8
14	Acute Ear infection	174,320	0.9	Gynaecological	139,574	0.9	Malaria in	89,402	0.9

#	2010			2009			2008		
	Disease	Number of Cases	% of Total	Disease	Number of Cases	% of Total	Disease	Number of Cases	% of Total
				conditions			Pregnancy		
15	Gynaecological conditions	144,652	0.8	Acute Ear infection	134,661	0.9	Acute Ear Infection	90,562	0.9
16	Diabetes Mellitus	143,713	0.8	Pneumonia	106,858	0.7	Typhoid Fever	93,026	0.9
17	Vaginal Discharge	127,920	0.7	Diabetes Mellitus	96,856	0.6	Road Traffic Injuries	54,139	0.5
18	Pneumonia	121,477	0.6	Vaginal Discharge	96,160	0.6	Other Oral Conditions	40,827	0.4
19	Road Traffic Accidents	82,247	0.4	Road Traffic Accidents	76,423	0.5	Dental Caries	44,496	0.4
20	Dental Caries	69,197	0.4	Dental Caries	63,646	0.4	Chicken Pox	77,790	0.7
	All Other Diseases	3,344,569	17.9	All Other Diseases	2,681,973	17.5	All Other Diseases	1,968,865	18.5
	Total	18,718,612			15,360,765			10,639,546	

#	Diseases	2007		2006		2005	
		Number of Cases	% of Total	Number of Cases	% of Total	Number of Cases	% of Total
1	Malaria	5,384,685	42.5	3,861,348	37.83	3,799,158	44.76
2	Upper respiratory tract infection	920,806	7.3	632,755	6.20	581,323	6.85
3	Diarrhoeal Diseases	452,250	3.6	345,454	3.38	352,384	4.15
4	Skin Diseases	539,197	4.3	341,044	3.34	352,295	4.15
5	Hypertension	505,180	4.0	283,591	2.78	249,342	2.94
6	Home/Occupational Injuries	194,695	1.5	167,029	1.64	192,033	2.26
7	Acute Eye Infections	288,908	2.3	192,984	1.89	190,293	2.24
8	Pregnancy and Related Complications	188,731	1.5	136,958	1.34	172,253	2.03
9	Rheumatic and Joint Diseases	270,296	2.1	183,144	1.79	162,162	1.91
10	Anaemia	185,293	1.5	143,171	1.40	144,606	1.70
11	Intestinal Worms	208,429	1.6	130,071	1.27	134,440	1.58
12	Gynaecological Diseases	182,349	1.4	100,913	0.99	110,199	1.30
13	Pneumonia	124,403	1.0	91,491	0.90	83,154	0.95
14	Malaria in Pregnancy	114,577	0.9	86,730	0.85	94,135	1.11
15	Acute Ear Infection	165,834	1.3	89,163	0.87	80,154	0.95
16	Typhoid Fever	89,444	0.7	67,780	0.66	76,293	0.90
17	Road Traffic Injuries	82,152	0.6	64,646	0.63	76,486	0.90
18	Other Oral Conditions	94,449	0.7	52,073	0.51	52,394	0.62
19	Dental Caries	N/A	N/A	53,632	0.53	52,615	0.62
20	Chicken Pox	N/A	N/A	N/A	N/A	N/A	N/A
	All Other Diseases	2,599,905	20.5	2,696,156	26.41	1,167,593	13.76
	Total Cases	12,667,324		10,208,310			

	Diseases	2004		2003		2002	
		Number of Cases	% of Total	Number of Cases	% of Total	Number of Cases	% of Total
1	Malaria	3,379,527	44.1	3,359,191	43.9	3,140,980	43.7
2	Upper respiratory tract infection	549,398	7.2	519,652	6.8	532,531	7.4
3	Diarrhoeal Diseases	331,998	4.3	322,404	4.2	287,816	4.0
4	Skin Diseases	314,436	4.1	325,262	4.3	308,848	4.3
5	Hypertension	206,925	2.7	212,354	2.8	195,655	2.7
6	Home/Occupational Injuries	177,971	2.3	187,943	2.5	140,723	2.0
7	Acute Eye Infections	162,182	2.1	187,234	2.4	183,735	2.6
8	Pregnancy and Related Complications	145,079	1.9	151,475	2.0	178,937	2.5
9	Rheumatic and Joint Diseases	142,834	1.9	146,552	1.9	146,907	2.0
10	Anaemia	129,315	1.7	128,009	1.7	141,059	2.0
11	Intestinal Worms	119,885	1.6	151,330	2.0	133,302	1.9
12	Gynaecological Diseases	101,786	1.3	103,251	1.4	101,862	1.4
13	Pneumonia	76,742	1.0	77,477	1.0	77,064	1.1
14	Malaria in Pregnancy	74,279	1.0	58,113	0.8	28,969	0.4
15	Acute Ear Infection	74,002	1.0	71,974	0.9	73,441	1.0
16	Typhoid Fever	65,333	0.9	53,825	0.7	31,791	0.4
17	Road Traffic Injuries	64,300	0.8	61,296	0.8	98,026	1.4
18	Other Oral Conditions	52,381	0.7	49,459	0.6	33,987	0.5
19	Dental Caries	47,867	0.6	50,262	0.7	60,284	0.8
20	Chicken Pox	45,512	0.6	19,614	0.3	35,667	0.5
	All Other Diseases	1,398,759	18.3	1,409,845	18.4	1,262,699	17.6
	Total Cases	7,660,241		7,646,522		7,194,283	

Source: CHIM/PPME-GHS

NA: Data Not Available

About 60% of all outpatient cases are made up of Malaria, Upper Respiratory Tract Infection, Diarrhea and Diseases of the Skin.

Hypertension has consistently remained the 5th cause of Outpatient morbidity constituting about 3% of all Outpatient reported cases.

5.0 PUBLIC HEALTH SERVICES

5.1 HIV Prevalence among pregnant women attending ANC clinics

Region	2014	2013	2012	2011	2010	2009	2008
Ashanti	2.8	3.2	2.6	3.1	3.0	3.9	3.0
Brong Ahafo	2.6	2.1	2.0	2.0	2.0	2.9	2.6
Central	1.4	1.1	1.9	4.7	1.9	3.0	2.0
Eastern	3.7	3.7	3.6	3.6	3.2	4.2	4.2
Greater Accra	3.1	2.7	3.5	3.2	2.6	3.2	3.0
Northern	0.6	0.8	0.9	0.3	0.7	2.0	1.1
Upper East	1.4	1.7	2.1	1.5	2.4	2.2	2.0
Upper West	1.3	0.8	1.2	1.0	1.7	3.1	1.6
Volta	2.2	1.2	2.5	2.2	1.8	2.6	1.7
Western	2.4	2.4	2.4	1.9	2.5	3.1	2.9
National	1.6	1.9	2.1	2.1	2.0	2.9	2.2

Source: NACP/ PHD

5.2 HIV Prevalence among pregnant women by Age Groups

Age Group	2014	2013	2012	2011	2010	2009	2008
15 – 19 Yrs	0.9	0.8	0.7	1.9	1.1	1.9	1.2
20 – 24 Yrs	2.1	1.4	1.5	1.5	1.7	2.2	2.3
25 – 29 Yrs	2.0	2.4	2.8	2.7	2.5	3.7	3.0
30 – 34 Yrs	2.8	2.5	3.0	2.9	2.8	3.4	2.8
35 – 39 Yrs	3.2	3.2	3.3	2.8	2.8	3.6	2.9
40 – 44 Yrs	2.1	2.7	3.2	2.7	2.1	4.0	1.8
45 – 49 Yrs	1.7	3.3	0.0	2.8	2.7	1.8	2.6
15 – 24 Yrs	1.8	1.2	1.3	1.7	1.5	2.1	1.9

Source: NACP/ PHD

5.3 Guinea Worm Cases

Region	2014	2013	2012	2011	2010	2009	2008
Ashanti	0	0	0	0	0	2	5
Brong Ahafo	0	0	0	0	0	2	11
Central	0	0	0	0	0	0	1
Eastern	0	0	0	0	0	1	2
Greater Accra	0	0	0	0	0	0	0
Northern	0	0	0	0	8	237	479
Upper East	0	0	0	0	0	0	1
Upper West	0	0	0	0	0	0	1
Volta	0	0	0	0	0	0	1
Western	0	0	0	0	0	0	0
National	0	0	0	0	8	242	501

Source: Guinea Worm Eradication Programme

5.4 Tuberculosis Case Notification per 100,000 Population

Region	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Ashanti	55.5		58	63	59	53	54	51	49	53	53.4
Brong Ahafo	52.9	26	43	44	37	38	30	36	31	28	32.7
Central	63.0	62	67	67	73	80	67	69	61	75	79.6
Eastern	61.9	65	65	68	72	80	71	71	72	75	67.0
Greater Accra	60.4		74	81	81	82	80	69	78	67	63.7
Northern	26.3	23.4	24	27	22	24	31	25	20	18	24.1
Upper East	57.0		57	68	63	48	48	51	32	34	38.5
Upper West	40.6		43	40	38	37	35	29	28	35	34.8
Volta	68.8	66.9	71	71	66	80	68	58	61	64	69.6
Western	63.7		66	74	76	74	74	73	75	76	66.6
National	57.8		61	63	63	64	61	57	57	57	56.6

Source: National TB Programme (PHD)

5.5 Tuberculosis Cure Rate

Region	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
Ashanti		76.1	76.4	96.9	77.4	81.4	82.3	80.5	74.7	71.9	69.0
Brong Ahafo		76.5	67.0	65.9	71.3	70.9	64.1	59.0	60.8	61.1	63.7
Central		82.4	82.1	86.0	86.3	87.1	81.8	71.4	62.9	42.4	46.3
Eastern		68.6	71.0	61.4	73.8	75.5	72.9	68.8	63.1	61.4	60.0
Greater Accra		85.8	82.7	83.5	81.7	82.0	82.5	76.0	80.5	82.0	77.7
Northern		64.9	62.3	76.4	79.3	74.8	76.3	66.4	66.0	47.0	64.0
Upper East		81.3	85.2	87.6	88.3	72.2	75.0	73.6	66.9	67.4	59.6
Upper West		64.7	62.3	50.5	54.6	42.1	44.5	56.3	47.4	62.5	52.0
Volta		69.4	74.9	73.8	78.7	88.0	79.8	74.0	77.3	74.4	74.7
Western		69.5	72.3	75.2	77.6	73.5	74.2	59.9	57.6	55.6	38.7
National		74.5	75.5	75.6	79.1	78.8	77.5	76.1	67.6	64.0	61.0

Source: National TB Programme (PHD)

5.6 Tuberculosis Treatment Success Rate

Region	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003
Ashanti	89.2	90.9	90.0	91.8	88.8	90.3	90	86	80	79	81
Komfo Anokye Teaching Hospital	83.3	77.3	77.3	75.7	70.8	73.5	86	70	57	64	71
Brong Ahafo	89.8	85.3	83.5	76.6	78.9	82.3	77	70	66	67	69
Central	86.1	85.7	87.0	87.7	90.4	90.0	87	75	67	54	53
Eastern	84.4	81.8	83.7	72.1	80.5	82.0	79	77	72	67	64
Greater Accra	91.4	90.8	87.5	89.3	87.5	84.9	87	85	79	82	79
Korle Bu Teaching Hospital	74.5	78.2	78.5	72.7	65.8	70.8	70	69	68	77	71
Northern	86.5	73.1	81.2	85.0	84.5	87.8	83	80	80	74	75
Upper East	88.1	85.8	85.7	88.3	89.1	76.9	79	78	72	72	70
Upper West	89.7	83.2	77.2	73.0	73.6	61.8	71	71	65	85	69
Volta	87.7	86.5	86.1	87.7	87.1	93.4	87	83	84	82	81
Western	84.5	90.4	88.1	91.0	90.9	86.5	86	74	67	68	61
National	87.1	86.7	86.2	85.5	87.0	85.4	84	79	73	72	70

Source: National TB Programme (PHD)

6.0 Expanded Programme On Immunization

REGION	6.1 Measles Immunisation Coverage Rate, 2002 - 2014												
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Ashanti	92.0	86.0	87	84.7	87.8	87.1	80.7	77.7	73.7	79	68	70	77.0
Brong Ahafo	93.3	91.0	97	96.4	95.5	93.9	96.6	102.0	99.4	89	87	86	87.0
Central	84.6	85.0	88	98.5	97.4	98.1	94.4	94.0	89.0	85	83	81	83.5
Eastern	78.8	79.0	87	94.4	96.0	94.0	95.1	95.5	93.8	92	86	93	91.6
Greater Accra	77.9	76.0	78	71.4	71.2	74.0	67.3	69.2	65.9	67	63	66	75.6
Northern	107.3	107.0	113	112.4	107.1	119.7	109.2	116.4	112.4	96	94	92	106.4
Upper East	83.2	79.0	83	85.0	83.6	105.9	93.1	102.2	95.8	85	88	84	93.3
Upper West	76.6	75.0	75	75.8	82.0	90.6	90.0	97.7	101.1	78	92	88	89.7
Volta	78.2	73.0	77	78.9	78.4	78.3	78.8	78.8	71.0	69	70	68	65.3
Western	85.4	85.0	96	86.4	85.7	85.2	87.5	92.1	90.3	80	86	87	86.8
National	86.7	84.0	89	87.7	87.7	89.1	86.5	88.6	85.1	81	78	79	83.8

Source: Expanded Programme on Immunisation

REGION	6.2 Penta 3 (DPT3) Immunisation Coverage Rate, 2002 - 2014												
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Ashanti	98.4	88.0	88	85	86.5	83.7	76.8	72.3	71.0	73	66	66	70.3
Brong Ahafo	99.2	92.0	96	94	94.3	95.0	97.3	100.2	96.8	91	83	81	82.7
Central	86.9	83.0	86	95	94.3	96.6	92.2	92.6	88.4	88	86	83	82.0
Eastern	87.9	83.0	87	93	93.6	94.5	93.0	93.0	88.6	89	79	81	80.1
Greater Accra	78.0	74.0	85	66	70.1	72.7	68.3	67.8	65.4	66	55	62	71.5
Northern	119.6	110.0	110	114	109.2	123.0	114.5	123.7	115.2	112	93	85	90.2
Upper East	93.8	83.0	84	87	83.1	105.9	94.8	101.6	92.6	97	87	83	90.7
Upper West	86.0	79.0	76	83	83.0	90.1	87.5	93.9	92.4	76	90	87	84.9
Volta	86.8	75.0	78	81	81.4	82.9	83.8	83.8	77.5	75	71	67	64.7
Western	95.4	88.0	95	89	86.4	88.6	89.0	93.3	91.1	85	86	88	85.4
National	93.3	86.0	88	87	87.1	89.3	86.6	87.8	84.2	83	76	76	78.1

Source: Expanded Programme on Immunisation

REGION	6.3 OPV3 Immunisation Coverage Rate, 2002-2014												
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Ashanti	93.4	88.0	87.5	84.7	86.3	83.61	76.7	72.3	70.6	72	66	68.0	70.5
Brong Ahafo	95.1	92.0	95.2	93.8	94.1	93.76	97.2	101.3	97.1	91	82	80.2	81.2
Central	84.2	83.0	86.5	94.4	92.9	93.66	90.9	92.7	88.2	102	89	83.9	85.5
Eastern	83.2	85.0	87.4	92.6	93.1	94.15	92.7	93.3	88.8	91	79	81.3	80.4
Greater Accra	74.3	74.0	74.5	66.1	70.3	72.28	68.4	67.4	64.8	66	56	60.5	71.8
Northern	113.4	108.0	109.2	114.1	109.0	122.13	114.2	122.5	113.3	112	93	84.7	92.0
Upper East	88.8	83.0	86.4	86.5	82.8	105.35	89.2	100.8	92.6	96	87	82.9	91.9
Upper West	81.7	79.0	75.7	79.8	81.7	89.27	87.4	93.8	92.3	75	90	86.2	85.0
Volta	82.2	75.0	77.3	81.2	81.5	83.11	83.8	83.6	78.0	76	71	67.1	65.0
Western	90.6	91.0	93.9	87.9	86.0	88.00	88.4	92.4	89.6	85	86	87.4	87.1
National	88.8	86.0	87.4	86.7	86.8	88.69	86.1	87.6	83.7	84	76	75.5	78.8

Source: Expanded Programme on Immunisation

REGION	6.4 BCG Immunisation Coverage Rate, 2002 -2014												
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Ashanti	110.7	103.0	105.4	107.1	105.5	101.6	95.7	90.5	87.5	86	72	77.0	84.2
Brong Ahafo	110.5	109.0	114.1	114.4	111.6	111.1	111.6	114.5	111.6	99	98	96.7	94.6
Central	100.8	105.0	114.1	124.0	120.5	123.9	118.6	124.0	114.5	115	111	109.0	110.9
Eastern	92.4	95.0	103.8	110.3	114.3	114.2	111.7	110.6	110.2	114	104	102.3	107.1
Greater Accra	80.9	78.0	83.9	77.5	74.8	75.6	76.4	73.7	73.6	83	72	79.3	83.3
Northern	131.2	126.0	130.2	134.7	126.8	139.5	131.0	130.8	128.7	117	113	101.7	107.9
Upper East	90.7	87.0	89.5	99.3	91.3	123.5	107.3	112.5	110.6	96	108	109.1	116.1
Upper West	84.8	82.0	81.5	85.8	92.3	104.6	105.2	109.1	110.0	88	106	98.5	95.6
Volta	90.0	84.0	90.9	95.8	94.1	94.5	98.1	98.1	91.4	89	88	82.3	80.5
Western	106.9	106.0	117.1	104.9	99.0	100.6	103.0	107.8	103.8	98	100	101.0	104.4
National	101.3	98.0	104.3	104.8	102.1	103.8	102.6	102.4	99.6	97	92	92.0	95.6

Source: Expanded Programme on Immunisation

REGION	6.5 Tetanus Toxioids Immunisation Coverage Rate, 2006-2014								
	2014	2013	2012	2011	2010	2009	2008	2007	2006
Ashanti	58.5	75.0	76.5	80.6	78.0	83.1	80.2	69.0	68.3
Brong Ahafo	69.0	76.0	74.4	81.6	84.9	82.2	89.8	90.9	88.9
Central	57.5	72.0	82.6	86.4	94.3	89.6	93.2	81.9	78.7
Eastern	55.0	76.0	71.9	80.2	83.6	85.1	80.7	67.3	68.1
Greater Accra	50.0	61.0	66.8	65.4	67.4	66.8	59.6	50.3	56.8
Northern	107.1	97.0	94.3	82.2	93.5	108.0	97.9	95.0	78.5
Upper East	70.8	59.0	62.3	70.3	63.8	85.5	66.2	90.4	78.3
Upper West	58.5	55.0	56.2	64.1	69.4	71.2	71.6	67.4	52.3
Volta	53.8	56.0	60.0	67.8	60.8	63.9	63.7	57.0	59.7
Western	49.1	65.0	72.3	64.1	62.8	62.6	62.7	58.8	57.1
National	61.7	71.0	73.6	75.7	76.2	78.6	76.3	70.1	68.2

Source: Expanded Programme on Immunisation

REGION	6.6 Yellow Fever Immunisation Coverage Rate, 2005-2013								
	2014	2013	2012	2011	2010	2009	2008	2007	2006
Ashanti	96.3	86.0	86.8	84.3	87.4	86.8	80.4	76.9	72.9
Brong Ahafo	97.8	90.0	92.4	95.3	95.1	94.0	94.8	100.9	98.4
Central	87.8	85.0	86.2	96.9	95.1	96.8	91.3	91.9	86.6
Eastern	82.9	80.0	85.8	93.9	95.9	94.2	95.4	95.5	90.8
Greater Accra	81.9	76.0	77.3	71.4	43.2	73.2	66.8	68.3	64.4
Northern	111.5	105.0	110.1	111.4	106	118.7	107.6	115.0	110.0
Upper East	86.2	77.0	96.0	83.3	81.5	107.5	84.8	101.1	92.6
Upper West	80.4	75.0	74.5	75.1	82.6	89.5	88.0	97.0	96.2
Volta	83.0	73.0	76.3	79.1	78.5	78.2	79.0	77.0	71.6
Western	88.3	86.0	93.8	85.9	85.5	84.7	93.1	96.6	93.6
National	90.6	84.0	87.8	87.1	87.5	88.8	86.0	88.1	84.0

Source: Expanded Programme on Immunisation

REGION	6.7 Rotarix 2 Coverage 2012-2013		
	2014	2013	2012
Ashanti	93.7	88.0	49.0
Brong Ahafo	93.8	88.0	53.0
Central	81.0	80.0	43.0
Eastern	80.5	79.0	44.0
Greater Accra	72.0	70.0	43.0
Northern	115.3	107.0	55.0
Upper East	87.7	81.0	46.0
Upper West	81.9	77.0	43.0
Volta	81.7	75.0	40.0
Western	89.5	84.0	46.0
National	87.7	83.0	47.0

Source: Expanded Programme on Immunisation

REGION	6.8 PCV 3 Coverage 2012-2013		
	2014	2013	2012
Ashanti	99.0	88.0	42.0
Brong Ahafo	100.4	92.0	46.0
Central	87.3	80.0	37.0
Eastern	87.7	83.0	41.0
Greater Accra	78.6	74.0	39.0
Northern	119.2	104.0	48.0
Upper East	93.6	83.0	40.0
Upper West	86.1	78.0	35.0
Volta	86.9	75.0	35.0
Western	95.8	84.0	37.0
National	93.6	84.0	40.0

Source: Expanded Programme on Immunisation

REGION	6.9 AFP Non-Polio Rate 2006-2013							
	2014	2013	2012	2011	2010	2009	2008	2007
Ashanti	1.29	1.98	1.17	2.09	1.48	2.10	1.35	0.89
Brong Ahafo	8.76	6.35	3.40	2.80	2.4	3.70	4.22	1.44
Central	2.67	2.66	2.22	2.38	1.38	4.25	2.00	3.13
Eastern	1.75	2.29	1.80	2.00	1.6	4.10	2.70	1.30
Greater Accra	1.47	1.52	0.25	0.60	0.95	1.06	1.06	0.50
Northern	3.30	2.73	1.64	3.30	2.2	2.50	3.40	2.11
Upper East	4.89	6.15	3.50	4.50	2.0	5.50	4.50	2.00
Upper West	6.33	5.77	3.33	5.00	4.0	4.33	3.33	3.00
Volta	2.30	2.09	1.67	3.13	3.13	2.25	1.63	1.75
Western	3.45	1.42	0.75	2.00	2.18	1.82	2.10	2.80
National	2.95	2.71	1.53	2.20	1.82	2.68	2.24	1.60

Source: Disease Surveillance Department

7.0 Reproductive Health Services

REGION	7.1 ANTE NATAL COVERAGE								7.2 SUPERVISED DELIVERY							
	2014	2013	2012	2011	2010	2009	2008	2007	2014	2013	2012	2011	2010	2009	2008	2007
Ashanti	76.6	81.9	82.3	84.3	84.7	80.7	86.1	76.1	54.4	55.4	50.1	45.9	53.4	42.4	35.0	26.7
Brong Ahafo	90.3	95.5	100.4	110.6	82.3	97.9	102.1	101.8	65.4	65.0	65.7	46.8	54.0	53.7	49.8	34.5
Central	86.6	89.3	97.7	107.7	106.1	109.1	115.5	108.7	57.7	53.7	58.7	51.6	51.6	52.5	56.3	22.3
Eastern	77.0	82.1	86.9	93.9	84.8	93.4	98.2	87.2	52.5	52.8	56.5	58.1	48.2	52.1	48.0	43.1
Greater Accra	87.9	86.9	88.7	91.7	89.5	77.4	85.2	77.2	59.7	56.4	56.6	58.8	54.4	47.9	50.3	43.1
Northern	117.5	113.6	112.0	135.0	120.9	120.8	127.7	116.8	53.4	46.8	43.3	44.5	36.8	36.1	26.0	27.7
Upper East	83.6	83.8	88.1	91.6	92.5	100.1	102.1	111.7	73.5	67.5	68.4	67.0	59.7	52.6	40.4	43.5
Upper West	85.2	87.7	84.4	86.2	88.8	88.9	93.5	96.3	64.0	58.2	52.5	39.0	46.5	36.7	40.6	32.9
Volta	77.1	78.3	81.8	88.7	81	88.9	93.4	87.4	45.3	43.4	44.8	44.3	36.9	39.4	37.5	33.3
Western	94.3	103.2	101.1	98.6	109.8	93.5	98.8	91.7	57.2	55.5	53.5	39.3	49.6	42.6	39.1	17.6
National	87.1	90.0	92.2	98.2	93.3	92.4	97.8	91.1	56.8	55.0	55.6	52.2	49.5	45.6	42.2	32.1

Source: RCH/PHD

REGION	7.3 POST NATAL CARE								7.4 FAMILY PLANNING ACCEPTORS							
	2014	2013	2012	2011	2010	2009	2008	2007	2013	2013	2012	2011	2010	2009	2008	2007
Ashanti	62.2	49.4	48.2	53.4	52.6	38.4	51.6	50.6	19.4	19.0	16.6	17.4	17.6	17.5	15.7	15.2
Brong Ahafo	82.4	71.3	66.0	64.0	59.2	53.7	57.2	57.1	37.2	35.3	26.4	28.3	33.0	43.4	36.3	40.9
Central	63.2	56.9	62.9	68.9	66.8	71.4	77.6	73.4	24.8	22.9	26.3	28.5	25.1	33.1	33.0	29.6
Eastern	73.1	68.5	68.7	71.7	64.5	67.0	61.5	61.5	29.2	28.1	31.6	36.3	31.5	32.9	33.1	33.3
Greater Accra	73.4	63.0	62.8	65.4	57.7	51.7	48.7	48.5	30.2	28.9	27.3	41.9	31.6	32.6	63.9	16.4
Northern	104.3	89.7	83.8	91.8	88.9	84.9	80.7	76.8	16.8	15.9	16.4	21.0	21.5	28.9	26.0	20.1
Upper East	80.5	76.6	77.0	78.7	76.2	77.8	57.3	66.9	28.0	26.9	28.1	29.7	24.3	33.0	26.2	27.4
Upper West	76.2	69.3	64.8	68.8	68.4	64.9	68.7	70.1	45.7	42.0	42.0	50.7	49.2	56.5	59.8	85.0
Volta	68.2	55.1	53.4	58.2	50.1	47.3	50.5	55.6	25.1	24.1	24.6	28.6	22.5	27.5	21.6	23.7
Western	65.6	63.2	59.6	55.5	54.4	49.5	45.6	37.6	22.1	21.2	18.9	22.8	13.0	18.9	19.6	13.9
National	73.4	64.1	62.7	65.3	58.1	56.4	57.5	56.7	25.9	24.7	25.2	28.1	34.7	31.1	33.8	23.2

Source: RCH/PHD

7.5 Institutional Maternal Mortality Ratio

Region	2014		2013		2012		2011		2010		2009		2008	
	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio
Ashanti	139	114.9	200	125.3	79	77	252	232	165	149.6	177	215	222	252.6
Brong Ahafo	95	134.9	95	139.2	112	167	93	208	73	138.7	94	194	81	185.3
Central	65	105.2	68	121.6	64	113	74	141	82	149.0	69	129	92	223.2
Eastern	117	175.5	124	199.5	116	179	935	207	115	191.6	82	136	98	170.7
Greater Accra	204	184.7	201	196.7	196	201	242	256	169	181.5	166	197	167	194.3
Northern	66	107.5	99	173.7	111	212	114	165	84	137.2	96	147	91	175.9
Upper East	45	138.7	33	108.4	40	136	36	120	37	137.9	30	131	27	152.2
Upper West	31	161.1	34	192.9	24	146	29	202	26	157.7	41	267	22	120.6
Volta	86	178.8	73	161.0	72	175	87	201	82	209.6	55	146	52	144.7
Western	93	149.5	85	152.7	75	132	60	114	99	176.1	79	148	101	269.5
National	941	143.9	1,012	154.5	889	152	1,122	195	932	163.2	889	170	953	199.7

Region	2007		2006		2005		2004		2003		2002	
	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio	Maternal Deaths	Maternal Mortality Ratio
Ashanti	179	245.9	175	212.2	181	195.9	161	176.4	173	196.1	172	203.4
Brong Ahafo	88	222.0	116	225.8	75	211.4	104	229.6	84	196.2	102	235.1
Central	92	266.2	85	120.6	44	103.9	71	134.5	71	159.3	86	206.5
Eastern	146	265.3	118	227.3	143	288.1	109	267.0	113	262.6	92	198.2
Greater Accra	149	202.3	118	123.6	125	182.4	114	183.0	120	187.7	83	122.8
Northern	113	206.9	91	186.2	70	176.5	66	172.0	77	254.8	49	158.2
Upper East	29	140.7	43	219.9	34	172.3	46	170.9	34	203.5	59	378.3
Upper West	30	160.9	20	118.8	21	122.7	19	107.7	16	99.1	17	106.7
Volta	65	200.5	65	217.4	78	255.6	71	261.9	84	256.2	91	345.6
Western	104	341.0	126	284.3	92	244.0	63	155.4	82	209.5	86	231.9
National	996	230.2	957	187.2	863	196.8	824	186.0	854	204.5	837	204.4

Source: CHIM/RCH

Institutional Maternal Mortality Ratio is the number of maternal deaths occurring in health facilities per 100,000 live births.

APPENDIX 1

8.1 TREND IN OPD ATTENDANCE PER CAPITA (2006-2014)

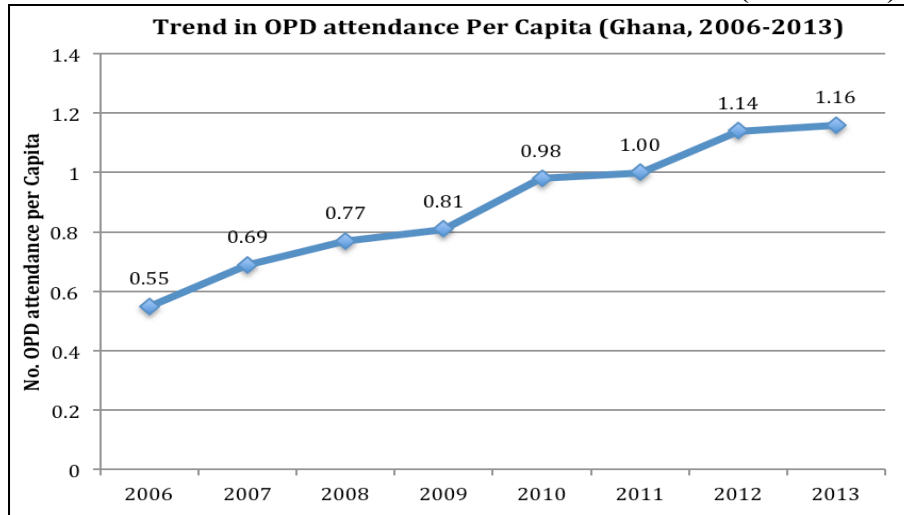


Figure 1

8.2 INFANT MORTALITY RATE-GHANA (1988-2014)

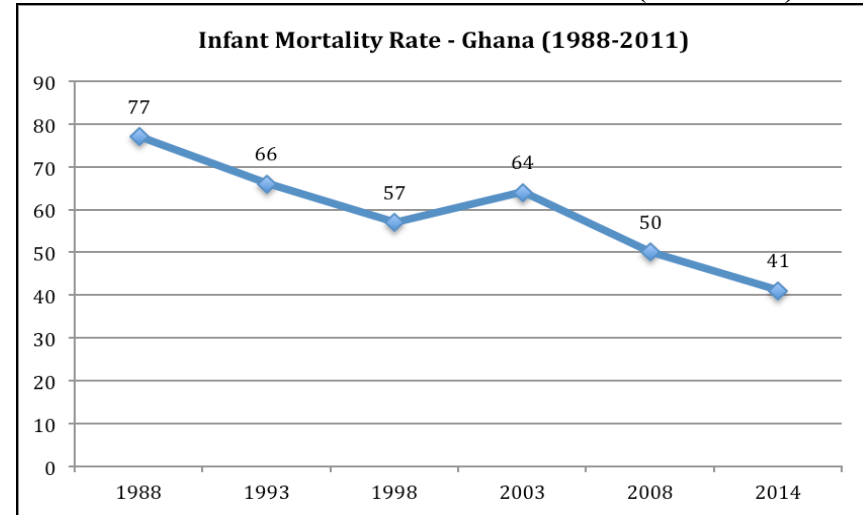


Figure 2

8.3 TOTAL FERTILITY RATE-GHANA (1988-2014)

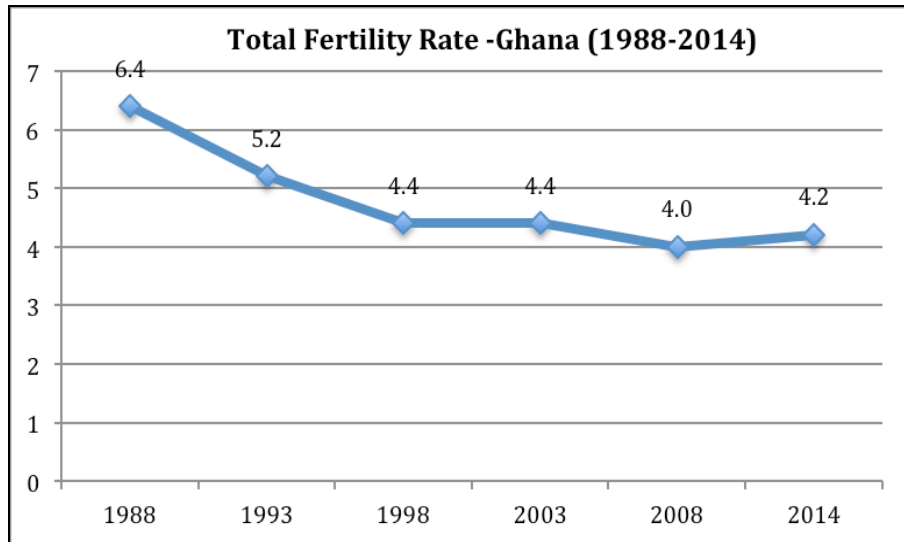


Figure 3

8.4 PREVALENCE OF MALARIA PER 100,000 POPULATION

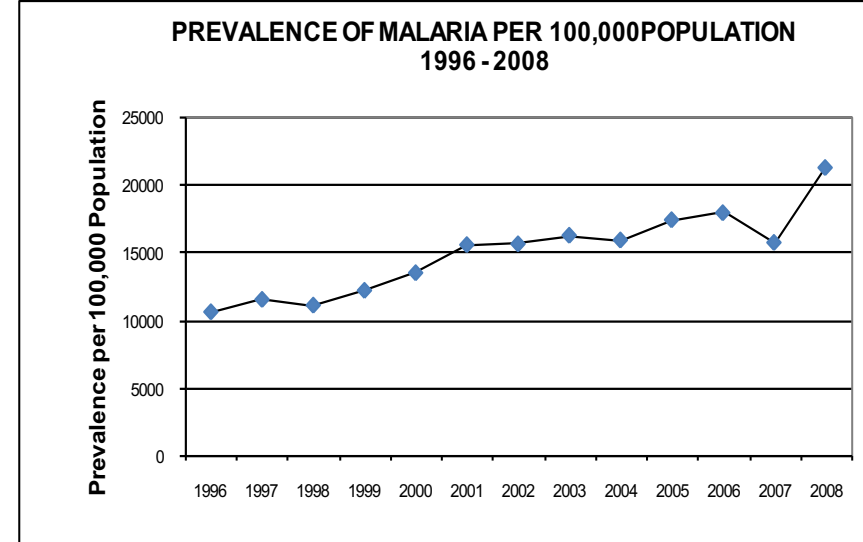


Figure 4

8.5 DOCTOR POPULATION RATIO (2008-2013)

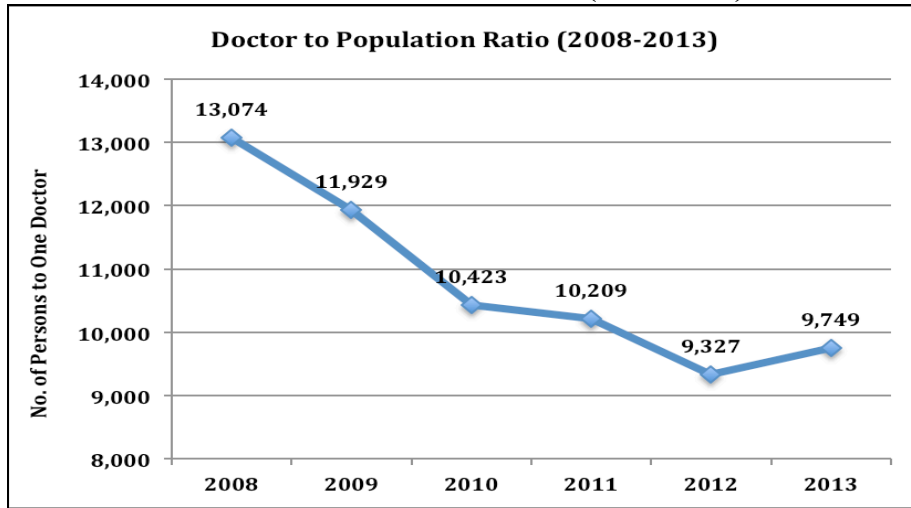


Figure 5

8.6 NURSE POPULATION RATIO (2008-2013)

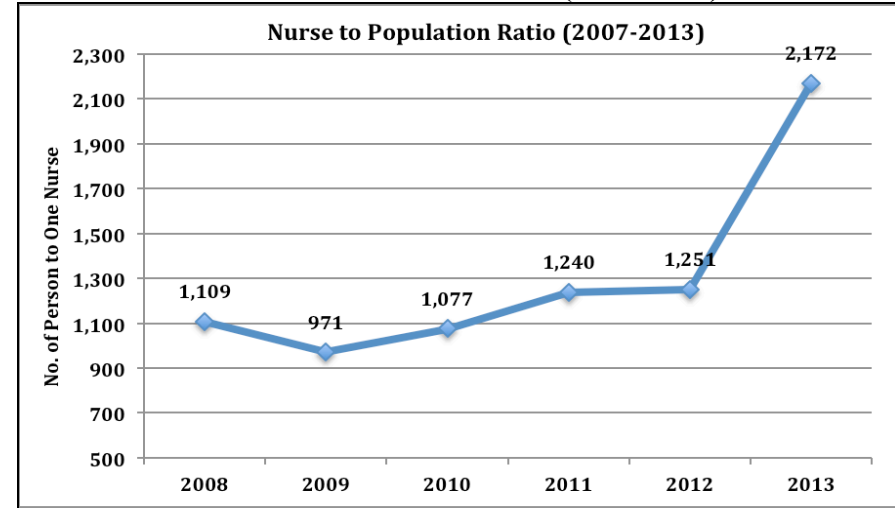


Figure 6

8.7 IMMUNIZATION COVERAGE (2008-2013)

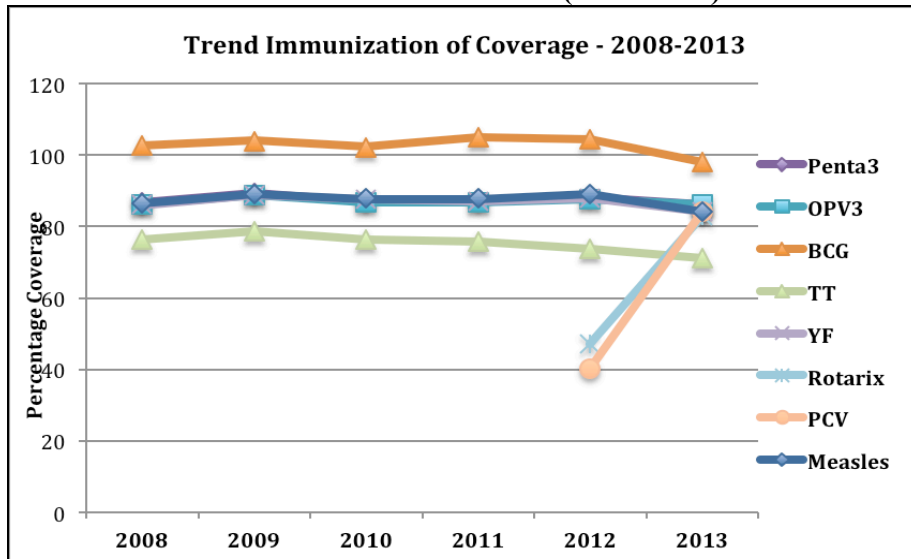


Figure 7

8.8 RCH COVERAGE (2002-2008)

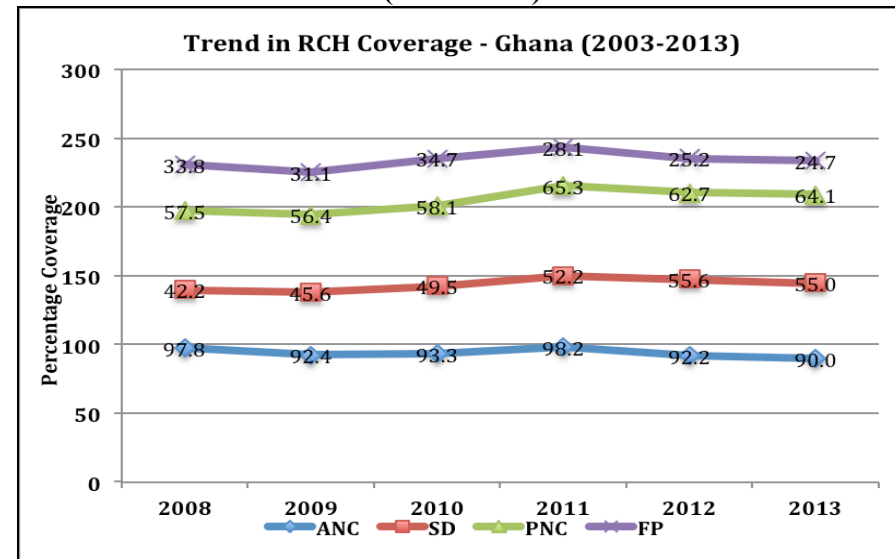


Figure 8

APPENDIX 2

9.0 MAJOR CAUSES OF ADMISSIONS AND DEATHS – 2014

Data on the causes of hospital admissions and deaths were collected from the regional hospitals and district hospitals in all the ten regions excluding the two Teaching Hospitals.

9.1 Top Ten Causes of Admission All Ages – National

Rank	Cause of Admission	Total cases seen	Proportional Morbidity Rate (%)
1	Malaria	221111	18.4
2	Pneumonia	22059	1.8
3	Gastritis	12704	1.1
4	Spontaneous delivery	10392	0.9
5	Infection of Urinary Tract (UTI)	10162	0.8
6	Cellulitis	10085	0.8
7	Septicaemia	9391	0.8
8	Typhoid fever	7124	0.6
9	Bronchopneumonia	7001	0.6
10	Caesarean Section	5256	0.4
	All others	887602	73.8
	Total	1202887	100.0

Source: CHIM/PPME-GHS, EXTRACTED FROM DHIMS2 ON 12th June, 2016

9.2 Top Ten Causes of Death All Ages - National

Rank	Cause of Death	Total cases seen	Proportional Mortality Rate (%)
1	Malaria	1253	9.7
2	Anaemia	806	6.2
3	HIV/AIDS	781	6.0
4	Hypertension	679	5.2
5	Pneumonia	649	5.0
6	Asphyxia	364	2.8
7	Gastroenteritis	317	2.4
8	Liver Disease	285	2.2
9	Cerebrovascular Accident	227	1.7
10	Cardiac failure	154	1.2
	All others	7457	57.5
	Total	12972	100.0

Source: CHIM/PPME-GHS, EXTRACTED FROM DHIMS2 ON 12th June, 2016

9.3 Top Ten Causes of Admission for Children Under 5 Years - National

Rank	Cause of Admission	Total cases seen	Proportional Morbidity Rate (%)
1	Malaria	96178	46.9
2	Anaemia	23446	11.4
3	Enteritis	15685	7.7
4	Pneumonia	5473	2.7
5	Septicaemia	5179	2.5
6	Bronchopneumonia	4584	2.2
7	Infection of Urinary Tract	1019	0.5
8	Enteric Fever	864	0.4
9	Typhoid fever	829	0.4
10	Cellulitis	584	0.3
	All others	51059	24.9
	Total	204900	100.0

Source: CHIM/PPME-GHS, EXTRACTED FROM DHIMS2 ON 12th June, 2016

9.4 Top Ten Causes of Deaths for Children Under 5 Years - National

Rank	Cause of Death	Total cases seen	Proportional Mortality Rate (%)
1	Malaria	505	28.1
2	Anaemia	109	6.1
3	Asphyxia	106	5.9
4	Pneumonia	101	5.6
5	Tuberculosis Pulmonary	35	1.9
6	Hypoglycaemia	33	1.8
7	Heart Failure	24	1.3
8	HIV/AIDS	23	1.3
9	Liver Disease	3	0.2
10	Cerebrovascular Accident	2	0.1
	Others	854	47.6
	Total	1795	100.0

Source: CHIM/PPME-GHS, EXTRACTED FROM DHIMS2 ON 12th June, 2016

10.0 International and National Health Days

Theme	Date
World Leprosy Day	1 st January
1 st National Immunization Day	January
Ghana Health Service Awareness Month	March
World Tuberculosis Day	March
2 nd National Immunization Day	April
World Health Day	7 th April
African Malaria Day	25 th April
Dental Care Month	May
Nurses Week	May
Prevention of Blindness Awareness (Ghana)	May
Family Planning Week (Ghana)	May
World No Tobacco Day	31 st May
Drug Abuse Day	26 th June
Diabetic Week (Ghana)	July
National Oral Health Week	July
World Population Day	11 th July
Midwives Day	August
World Breastfeeding Day	1 st August
World Aged Day	1 st October
Mental Health Week	10 th October
3 rd National Immunization Day	November
AIDS Awareness Month (Ghana)	November
World Diabetic Day	14 th November
4 th National Immunization Day	December
World AIDS Day	1 st December