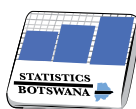




GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

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STATISTICS BOTSWANA

PREFACE

This statistical brief focuses on analyzing the General out-patient and Preventive Health Statistics in Botswana. The information is derived from administrative data from patients seen at health facilities country wide in 2011. It also shows the trends in out-patient statistics over a ten year period covering 2001 to 2011 and the total network of health facilities countrywide providing out-patient and preventive services. The information provided will help in health policy formulation monitoring and evaluation purposes.

The report presents statistics on the following areas:

- i. Notifiable Diseases
- ii. Other Diseases/Conditions
- iii. Sexually Transmitted Infections inc. HIV/AIDS
- iv. Complicated Pregnancies
- v. Ante Natal Care and Post Natal Care
- vi. Family planning
- vii. Other Preveventive services(Well Baby Care,Injections,Dressings,Tetanus Toxoid)
- viii. Health facilities

The report shows that between 2010 and 2011 there was a notable decrease on out-patient attendances; Notifiable diseases decreased from 86,655 in 2010 to 73,416 in 2011,STI's decreased from 318,109 in 2010 to 315,431 in 2011,ANC decreased from 372,019 in 2010 to 361,802 in 2011,other diseases/conditions decreased from 4,054,069 in 2010 to 3,763,685 in 2011,other services like Family planning, Well baby care, Injections and Dressings also decreased.This decrease in out-patient attendees might be attributed to the 2011 Public Sector Unions strike.This disrupted service delivery in Health Facilities as some Health facilities staff were also on the strike.

For more information, contact the Directorate of Stakeholder Relations at 3671300. All Statistics Botswana outputs/publications are available on the website at www.statsbots.org.bw and at the Statistics Botswana Library (Head-Office, Plot 8843, Khama Crescent, Gaborone).

We sincerely thank all stakeholders involved in the formulation of this brief, for their continued support, as we strive to better serve users of our statistical products and services.



Dr. Burton Mguni
Statistician General
 May 2019

1.0 INTRODUCTION

This brief analyses administrative data from all health facilities across the country. Data are aggregated using the Out-Patient and Preventive Health Statistics Summary Form (MH 1049/rev 2003 & MH 1049rev2010) on monthly basis. Data in MH1049 is extracted from three other forms:

- Out-patient and Preventive Health Consultation Tally Sheet (MH 1048/rev 2003/MH1048rev 2010)
- Mother to Child Health/Family Planning (MCH/FP) Tally Sheet (MH 1046/rev 2003),
- Out-patient and Preventive Health Statistics tally Sheet (Injections & Dressings) MH 1047/rev 1993

The revised data collection tools were implemented in response to the introduction of the International Classification of diseases 10th Edition (ICD) codes. A consultation is either recorded as a new or repeat case. A new consultation refers to a case where a patient is seeking health services for a condition for the first time, whereas repeat refers to a case where a patient is getting health service for the same condition for the second time, or several times.

2.0 ACCESS TO HEALTH SERVICES AND BIRTH ATTENDANTS ASSISTANCE

2.1 Out-patient Morbidity

A total of 4,152,532 out-patient attendances were recorded in 2011, a decrease of 6.9 percent from 4,458,833 recorded in 2010. The major cause of out-patient morbidity in 2011 was 'Other Diseases/conditions' with 27.3 percent, followed by Diseases of the Respiratory System with 20.7 percent, Hypertension with 10.2 percent and Diseases of the Musculoskeletal System with 9.5 percent respectively. All the top ten conditions recorded in 2010 were also identified in 2011 in order of ranking (Table 2.1.1 refers).

Table 2.1.1 Top 10 causes of out-patient morbidity-2011

Codes	Diagnosis	2010		2011	
		Attendances	Percent	Attendances	Percent
R 68.80	Other diseases/conditions	1,333,501	29.9	1,131,782	27.3
J98.9	Diseases of the Respiratory System (e.g. Cough and Cold)	890,757	20.0	861,428	20.7
I10	Hypertension	426,012	9.6	422,787	10.2
M79.9	Diseases of the Musculoskeletal System	396,444	8.9	395,211	9.5
L98.9	Skin conditions	336,704	7.6	328,229	7.9
Z21	HIV positive	157,794	3.5	148,962	3.6
J03.9	Tonsillitis	146,729	3.3	139,639	3.4
H57.9	Eye diseases/conditions	127,764	2.9	122,004	2.9
X59.9	Other external causes of injuries	97,106	2.2	108,669	2.6
H93.9	Ear diseases/conditions	87,146	2.0	76,857	1.9
Total (Causes Specified Above)		3,999,957	89.7	3,735,568	90.0
Other conditions		458,876	10.3	416,964	10.0
Total (All attendances)		4,458,833	100.0	4,152,532	100.0

2.2 Sexually Transmitted Infections

There were 315,431 total attendances for Sexually Transmitted Infections (STIs) in 2011, a decrease of 0.8 percent from 318,109 cases in 2010. In 2011, total number of new attendances were estimated at 161,963 while repeat cases were estimated at 153,468. Figure 2.2.1 show an upward trend in the total number of STI's from 2003 to 2010 with a peak of 37percent observed between 2003 and 2004. However, a decline was observed between 2010 and 2011.

Figure 2.2.1 Number of Sexually Transmitted Infections 2001-2011

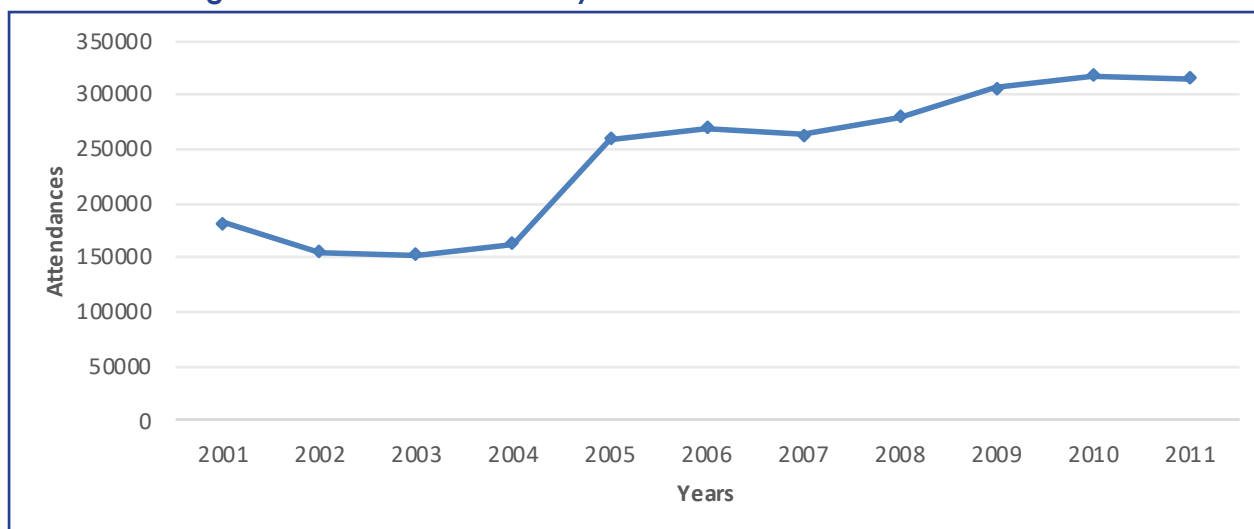
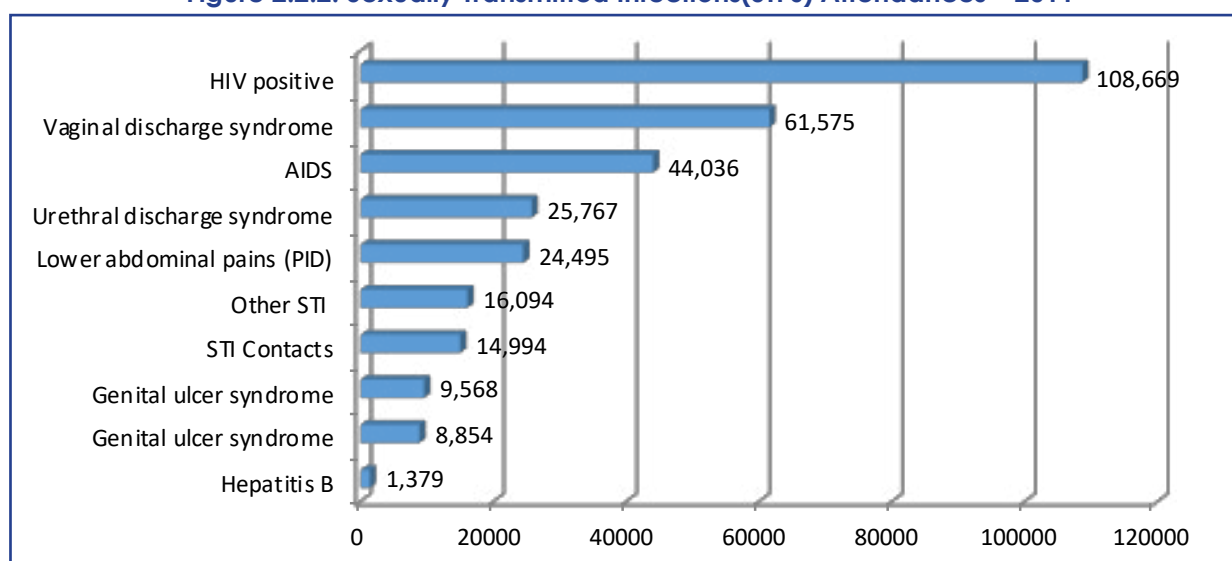


Figure 2.2.2, shows distribution of STI attendances in 2011. The highest recorded STI was HIV positive (34.5%), followed by Vaginal discharge syndrome (19.5%), AIDS (14.0%), Urethral discharge syndrome and lower abdominal pain (PID) at 8.2 percent and 7.8 percent respectively. STIs cases were higher amongst females (63.1%) compared to their male counterparts. Among age groups, STIs cases were higher within the age group 30 years and above (58.4%) followed by 15-29 at 37.3 percent years age group while 0-14 was the lowest, constituting 4.3 percent (Annex 3).

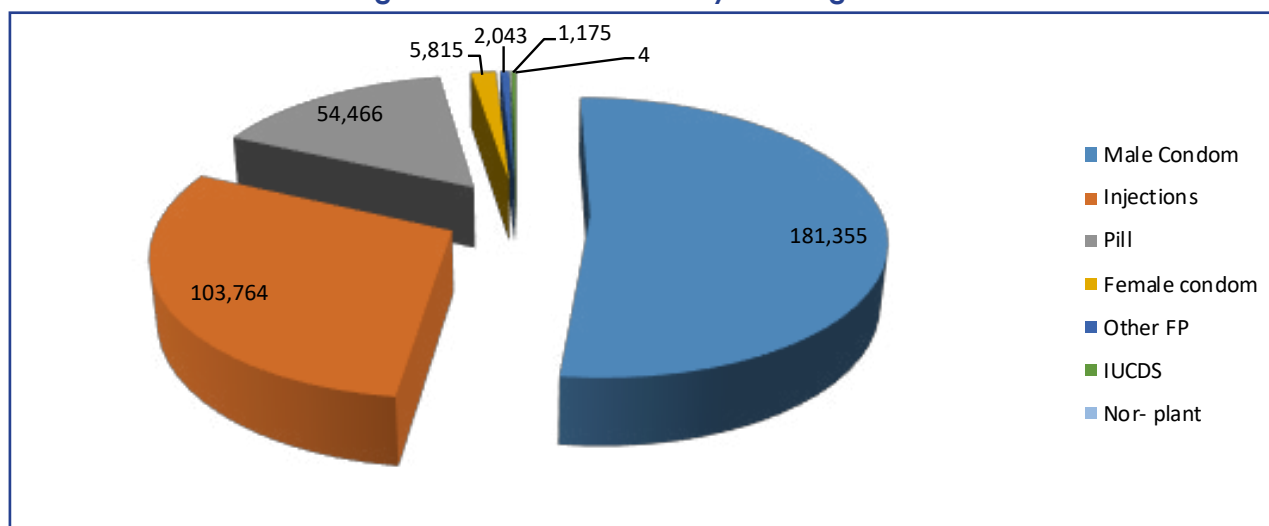
Figure 2.2.2: Sexually Transmitted Infections(STI's) Attendances – 2011



2.3 Family Planning (FP)

The number of Family planning visits in 2011 were 348,622, with New visits constituting 46,231 (13.3%) compared to 302,391 (86.7%) repeat visits. Figure 2.3.1 shows the total number of FP visits in 2011 by preferred method of contraception. The top three preferred method of contraception were the male condom with 181,355 (52%) followed by Injections with 103,764 (29.8%) and the third was Pill with 54,466 (15.6%) of all family planning methods. Other Family planning methods are shown in the figure below.

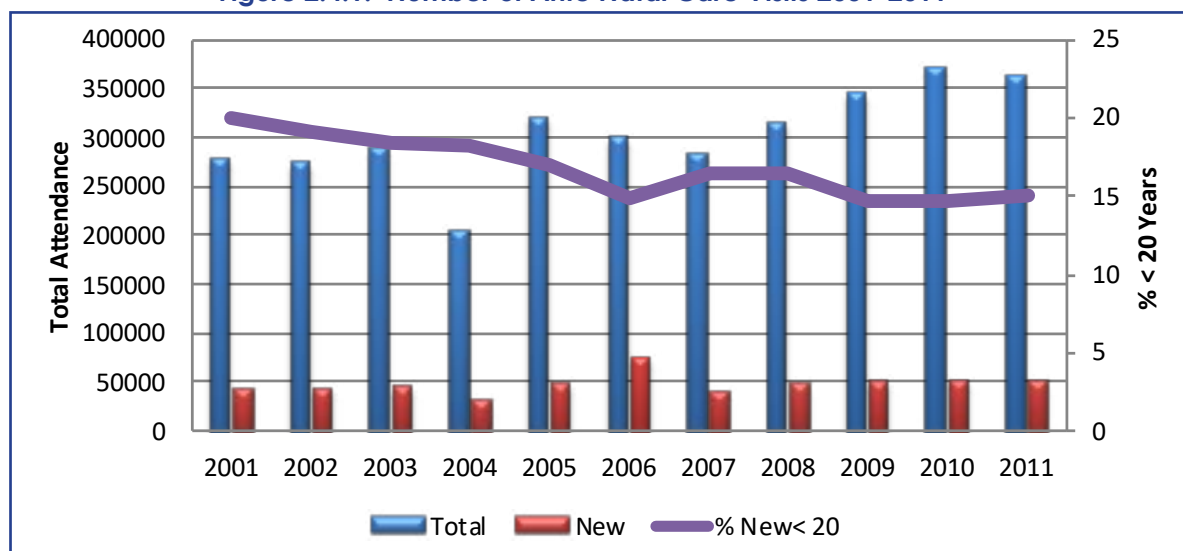
Figure 2.3.1 Number of Family Planning - 2011



2.4 Antenatal Care Visits

The total number of antenatal visits in 2011 was 361,802 as compared to 372,109 in 2010, representing a decrease of 2.8 percent. Figure 2.4.1 shows that the highest number of antenatal visits were recorded in 2010 at 372,019 as compared to 203,863 in 2004. In 2011, there were 50,665 new and 311,137 repeat ANC visits. The majority of new attendances in 2011 were in the age groups 20-24 with 15,026 visits, followed by the age group 25-29 with 13,503 visits, and age group 30-39 with 12,775 visits. About 7,607 of new ANC cases were less than 20 years of age making up 15 percent of teenagers who were pregnant. The graph further shows that percentage of teenage pregnancy attendances have been declining from 20 percent in 2001 to 15 percent in 2009 and remained constant until 2011 (Annex 7).

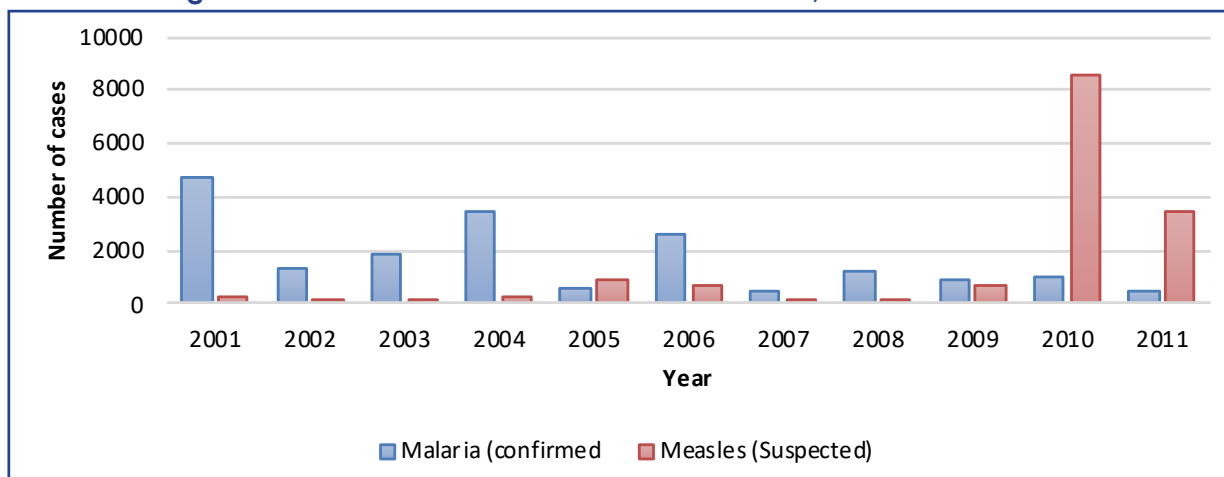
Figure 2.4.1: Number of Ante Natal Care Visits 2001-2011



2.5 Notifiable Diseases

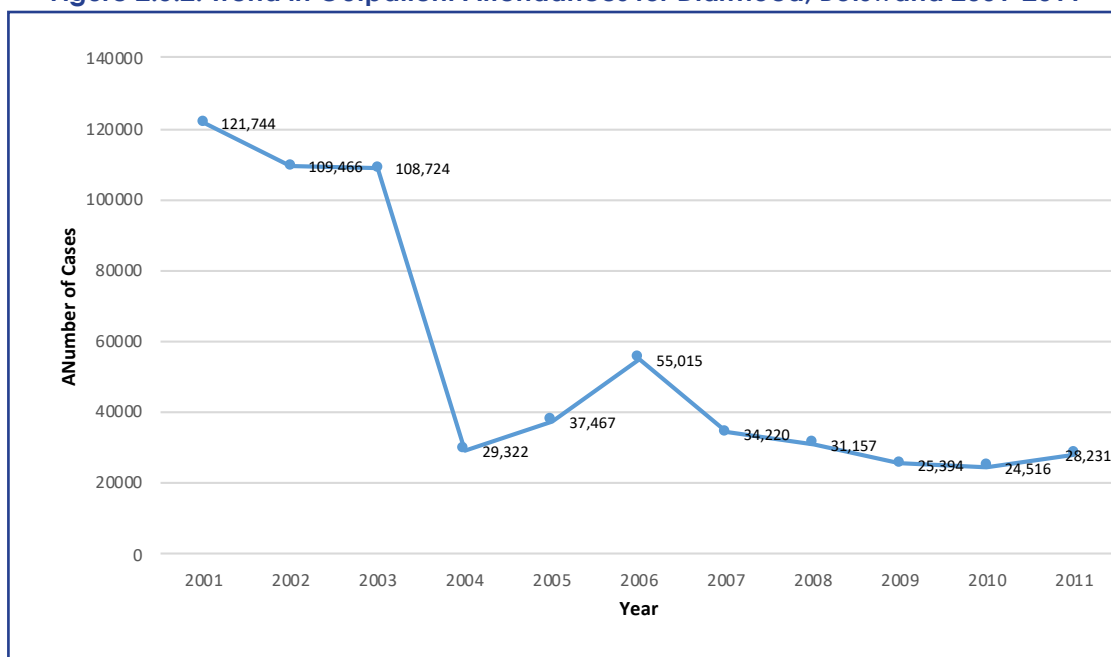
Figure 2.5.1 shows marginal fluctuations in the number of confirmed malaria and measles cases between 2001 and 2011. A significant decrease in the number of malaria cases is observed during the period 2001-2002 from 4,720 in 2001 to 1,284 in 2002. Conversely, there was an upward trend in the number of cases between 2002 and 2004 of 1,284 and 3,453 respectively. The number of cases reported in 2011 was the lowest record during the periods 2001-2011. The number of suspected measles cases recorded during the periods 2001-2009 were minimal, followed by a peak in the number of cases in 2010 (8,605 cases). A total number of 3,441 cases of suspected measles were reported in 2011 showing a decrease of 60.0 percent in number of cases from 2010.

Figure 2.5.1: Trends in Selected Notifiable Diseases, Botswana 2001-2011



The number of reported diarrhoea cases increased from 24,516 in 2010 to 28,231 in 2011, an increase of 15.2 percent. Figure 2.5.2 shows that the number of reported diarrhoea cases were high in 2001, 2002 and 2003 at 121,744, 109,466 and 108,724 cases respectively. However the number of cases dropped significantly by 73.0 percent from 108,724 in 2003 to 29,322 in 2004, followed by an increase of 55,015 cases in 2006. Further, there was reduction in diarrhoea cases from 2007 to 2010 (28.4 %).

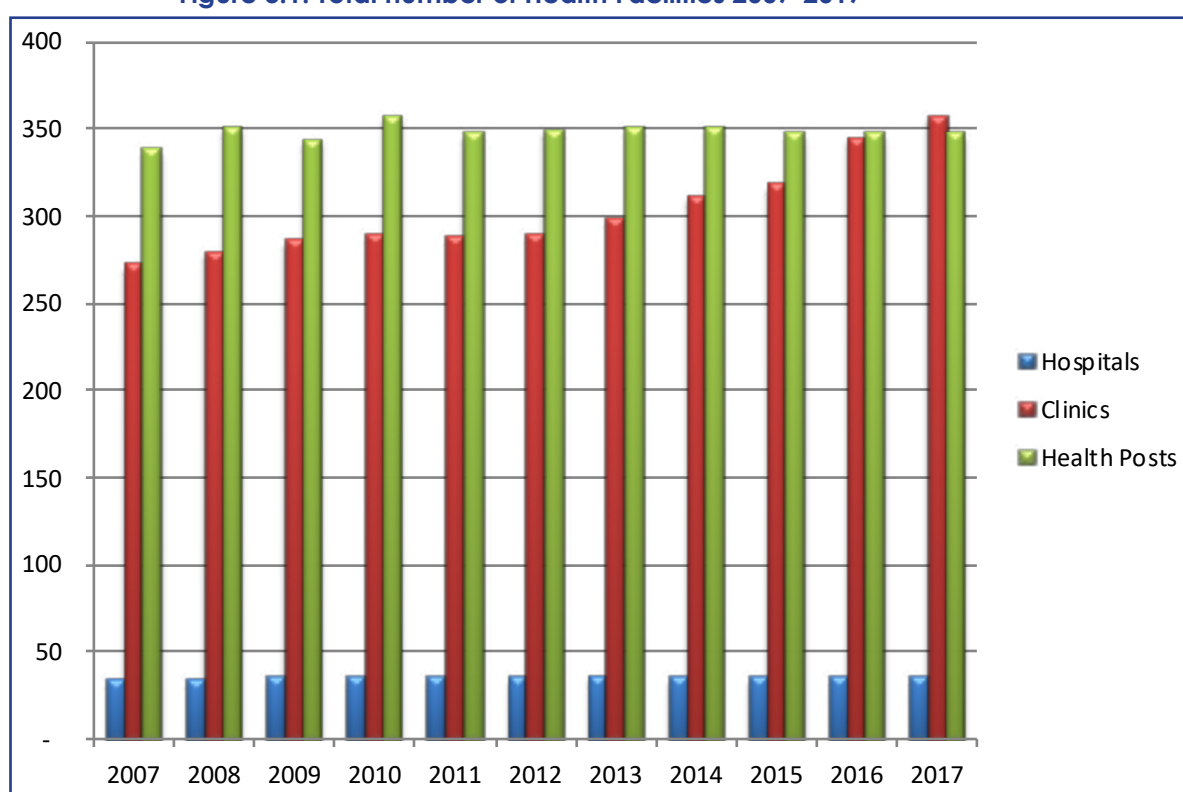
Figure 2.5.2: Trend in Outpatient Attendances for Diarrhoea, Botswana 2001-2011



3.0 Health facilities

Figure 3.1 below presents the number of health facilities from the year 2007-2017. A total of 739 health facilities (35 Hospitals, 357 Clinics, 347 Health Posts) and 1117 Mobile stops were recorded in 2017 as compared to 644 recorded in 2007. This signifies an increase of 14.8 percent over the 10 year period. Total number of Hospitals have stagnated at 35 since 2009, while total number of Health Posts have been decreasing while clinics increase. Furthermore, over the years the total number of Health Posts have been higher than clinics, however in 2017 the situation changed as more clinics were recorded. This increase in clinics and decline in health posts is due to the construction of new clinics and upgrading of some Health posts to clinics.

Figure 3.1: Total number of Health Facilities 2007-2017



GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex: Tables

Annex 1: Number of Out-Patient Attendances by Diagnosis, Agegroup and Sex (Notifiable Diseases) - 2011

Code	Diagnosis	New Attendances								
		<1		1-4		5+		Sub Total		Total
		M	F	M	F	M	F	M	F	
A01.0	Typhoid Fever	7	8	3	5	3	4	13	17	30
A09	Diarrhoea with blood	1,276	1,120	742	721	622	781	2,640	2,622	5,262
A36.9	Diphtheria	10	8	5	2	0	1	15	11	26
A37.9	Whooping cough	5	3	4	2	3	2	12	7	19
A82.9	Rabies exposure	95	51	167	122	898	733	1,160	906	2,066
B05.9	Suspected Measles	467	464	438	454	1,256	1,273	2,161	2,191	4,352
B50.8	Malaria with severe anaemia	4	0	1	1	13	15	18	16	34
B53.8	Uncomplicated Malaria Lab-confirmed	29	28	85	94	213	171	327	293	620
B54	Total Confirmed Malaria	0	1	1	0	6	6	7	7	14
B54	Unconfirmed Malaria	155	92	270	204	725	656	1,150	952	2,102
B54.0	Total Suspected Malaria	0	0	2	1	1	0	3	1	4
B54.1	Total Tested Malaria	0	0	0	0	0	0	0	0	0
E43	Severe acute malnutrition	0	0	0	0	0	0	0	0	0
E86	Diarrhoea (acute) with dehydration	10	13	6	2	12	4	28	19	47
E86	Diarrhoea (acute) with severe dehydration	936	811	439	381	454	517	1,829	1,709	3,538
E86	Diarrhoea (acute) with some dehydration	8,230	7,408	4,583	4,094	6,116	5,015	18,929	16,517	35,446
G82.0	Acute Flaccid Paralysis (AFP)	7	6	7	6	0	3	14	15	29
J11.1	Influenza like-illness	80	83	45	88	125	148	250	319	569
J18.8	Severe Pneumonia	284	244	166	150	122	104	572	498	1,070
J18.9	Pneumonia	2,192	1,892	1,710	1,338	1,460	1,027	5,362	4,257	9,619
K52.9	Diarrhoea (acute) with no dehydration	661	688	385	395	418	539	1,464	1,622	3,086
O98.6	Total Confirmed Malaria in Pregnancy	n/a	0	n/a	0	n/a	0	n/a	0	0
	Total	14,448	12,920	9,059	8,060	12,447	10,999	35,954	31,979	67,933

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 1: Number of Out-Patient Attendances by Diagnosis, Agegroup and Sex (Notifiable Diseases) - 2011 cont'd

Code	Diagnosis	Repeat Attendances									Grand Total (New and Repeat)
		<1		1-4		5+		Sub Total		Total	
		M	F	M	F	M	F	M	F		
A01.0	Typhoid Fever	1	3	4	2	2	7	7	12	19	49
A09	Diarrhoea with blood	52	49	42	40	32	35	126	124	250	5,512
A36.9	Diphtheria	0	1	0	1	1	1	1	3	4	30
A37.9	Whooping cough	1	0	0	0	1	1	2	1	3	22
A82.9	Rabies exposure	5	4	7	4	31	25	43	33	76	2,142
B05.9	Suspected Measles	13	17	20	26	46	41	79	84	163	4,515
B50.8	Malaria with severe anaemia	0	2	0	0	1	2	1	4	5	39
B53.8	Uncomplicated Malaria Lab-confirmed	2	1	2	3	20	16	24	20	44	664
B54	Total Confirmed Malaria	0	0	0	0	0	0	0	0	0	14
B54	Unconfirmed Malaria	22	3	20	20	61	36	103	59	162	2,264
B54.0	Total Suspected Malaria	0	0	0	0	0	0	0	0	0	4
B54.1	Total Tested Malaria	0	0	0	0	0	0	0	0	0	0
E43	Severe acute malnutrition	0	0	0	0	0	0	0	0	0	0
E86	Diarrhoea (acute) with dehydration	1	1	1	1	4	1	6	3	9	56
E86	Diarrhoea (acute) with severe dehydration	71	49	48	64	66	70	185	183	368	3,906
E86	Diarrhoea (acute) with some dehydration	571	441	431	346	478	408	1,480	1,195	2,675	38,121
G82.0	Acute Flaccid Paralysis (AFP)	0	1	1	1	5	2	6	4	10	39
J11.1	Influenza like-illness	7	5	1	3	11	18	19	26	45	614
J18.8	Severe Pneumonia	29	30	32	27	39	30	100	87	187	1,257
J18.9	Pneumonia	182	199	225	196	235	220	642	615	1,257	10,876
K52.9	Diarrhoea (acute) with no dehydration	44	40	29	31	36	26	109	97	206	3,292
O98.6	Total Confirmed Malaria in Pregnancy	n/a	0	n/a	0	n/a	0	n/a	0	0	0
	Total	1,001	846	863	765	1,069	939	2,933	2,550	5,483	73,416

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 2: Number of Out-Patient Attendances by Diagnosis Agegroup and Sex (Other Diseases/Conditions) - 2011

ICD10	Diagnosis	New Attendance								
		0-14		15-29		30+		Sub Total		Total
		M	F	M	F	M	F	M	F	
A16.2	Pulmonary tuberculosis	219	227	583	678	1,877	1,347	2,679	2,252	4,931
A16.9	Isonazid Preventive Therapy (IPT)	62	53	155	257	267	297	484	607	1,091
A16.9	Tuberculosis	2	0	7	3	18	8	27	11	38
A30.9	Leprosy	7	4	0	1	0	1	7	6	13
A64	Stroke	0	0	0	0	0	1	0	1	1
B65.9	Schistosomiasis	0	0	0	0	0	0	0	0	0
B83.9	Helminthiasis	0	0	0	0	0	0	0	0	0
E10.8	Diabetes Mellitus type 1	0	0	1	0	1	0	2	0	2
E11.8	Diabetes Mellitus type 2	3	4	2	2	7	7	12	13	25
E14.9	Diabetes	155	239	602	807	2,204	3,085	2,961	4,131	7,092
E46	Malnutrition	829	943	83	110	120	195	1,032	1,248	2,280
F99	Mental disorders	741	703	1,851	1,713	2,747	3,243	5,339	5,659	10,998
H57.9	Eye diseases/conditions	19,471	17,713	14,900	18,831	19,631	24,185	54,002	60,729	114,731
H93.9	Ear diseases/conditions	12,613	13,064	7,278	9,192	8,705	9,506	28,596	31,762	60,358
I10	Hypertension	77	92	1,724	2,544	11,878	21,150	13,679	23,786	37,465
I50.9	Cardiac Failure	0	0	0	0	0	0	0	0	0
J03.9	Tonsillitis	23,083	29,758	15,224	26,986	11,982	21,244	50,289	77,988	128,277
J45.9	Asthma	1	1	3	1	2	4	6	6	12
J98.9	Diseases of the Respiratory System (e.g. cough and Cold)	190,111	198,241	69,785	89,159	84,992	110,337	344,888	397,737	742,625
L98.9	Skin conditions	72,901	72,921	28,814	38,350	32,076	40,242	133,791	151,513	285,304
M79.9	Diseases of the Musculoskeletal System	10,544	9,775	39,041	43,948	85,416	130,978	135,001	184,701	319,702
R68.8	Other diseases/ conditions	127,226	134,239	105,563	181,723	150,185	233,228	382,974	549,190	932,164
U88	Suspected MDR-TB	32	26	1	6	10	12	43	44	87
U88.1	Laboratory confirmed MDR-TB	32	38	19	11	38	17	89	66	155
V89.2	Injuries secondary to road traffic accidents	1,449	1,126	2,428	1,915	2,974	2,006	6,851	5,047	11,898
X59.9	Other external causes of injuries	18,136	11,306	23,579	14,627	22,153	15,712	63,868	41,645	105,513
Y05.9	Rape	139	131	154	271	243	323	536	725	1,261
	Grand Total	477,833	490,604	311,797	431,135	437,526	617,128	1,227,156	1,538,867	2,766,023

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 2: Number of Out-Patient Attendances by Diagnosis Agegroup and Sex (Other Diseases/Conditions) – 2011 cont'd

Code	Diagnosis	Repeat Attendance									Grand Total
		0-14		15-29		30+		Sub Total		Total	
		M	F	M	F	M	F	M	F		
A16.2	Pulmonary tuberculosis	274	348	1,147	1,383	4,367	4,144	5,788	5,875	11,663	16,594
A16.9	Isonazid Preventive Therapy (IPT)	28	25	262	667	628	1,082	918	1,774	2,692	3,783
A16.9	Tuberculosis	1	1	4	5	10	24	15	30	45	83
A30.9	Leprosy	0	0	0	0	0	0	0	0	0	13
A64	Stroke	1	0	1	3	1	4	3	7	10	11
B65.9	Schistosomiasis	0	0	0	0	0	0	0	0	0	0
B83.9	Helminthiasis	0	0	0	0	0	0	0	0	0	0
E10.8	Diabetes Mellitus type 1	0	0	2	1	30	44	32	45	77	79
E11.8	Diabetes Mellitus type 2	0	1	1	2	25	23	26	26	52	77
E14.9	Diabetes	176	159	1,195	2,027	12,032	24,916	13,403	27,102	40,505	47,597
E46	Malnutrition	394	492	33	73	685	1,965	1,112	2,530	3,642	5,922
F99	Mental disorders	882	746	5,018	3,699	11,433	13,622	17,333	18,067	35,400	46,398
H57.9	Eye diseases/conditions	1,997	1,835	2,375	2,465	6,682	9,554	11,054	13,854	24,908	139,639
H93.9	Ear diseases/conditions	2,509	2,664	1,851	2,376	3,355	3,744	7,715	8,784	16,499	76,857
I10	Hypertension	512	706	4,563	8,664	83,938	259,363	89,013	268,733	357,746	395,211
I50.9	Cardiac Failure	0	0	0	0	0	0	0	0	0	0
J03.9	Tonsillitis	2,385	3,383	2,740	3,965	3,261	4,951	8,386	12,299	20,685	148,962
J45.9	Asthma	0	0	0	0	4	4	4	4	8	20
J98.9	Diseases of the Respiratory System (e.g. cough and Cold)	21,459	22,762	12,427	15,208	19,986	26,961	53,872	64,931	118,803	861,428
L98.9	Skin conditions	6,662	6,955	5,407	6,432	7,832	9,637	19,901	23,024	42,925	328,229
M79.9	Diseases of the Musculoskeletal System	2,878	3,580	9,643	10,516	26,987	49,481	39,508	63,577	103,085	422,787
R68.8	Other diseases/ conditions	14,952	17,834	20,334	35,098	41,371	70,029	76,657	122,961	199,618	1,131,782
U88	Suspected MDR-TB	1	0	1	0	4	3	6	3	9	96
U88.1	Laboratory confirmed MDR-TB	2	1	1	0	6	3	9	4	13	168
V89.2	Injuries secondary to road traffic accidents	203	156	434	384	646	593	1,283	1,133	2,416	14,314
X59.9	Other external causes of injuries	1,544	1,193	3,233	2,733	4,099	3,689	8,876	7,615	16,491	122,004
Y05.9	Rape	14	14	37	67	107	131	158	212	370	1,631
	Grand Total	56,874	62,855	70,709	95,768	227,489	483,967	355,072	642,590	997,662	3,763,685

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 3: Number of Out-Patient Attendances by Diagnosis Agegroup and Sex (Sexually Transmitted Infections) - 2011

Code	Diagnosis	New Attendances								
		0-14		15-29		30+		Sub Total		Total
		M	F	M	F	M	F	M	F	
A64	Other STI (e.g Inguinal bubo, Syphilis, Warts)	144	174	3,371	3,557	3,702	2,790	7,217	6,521	13,738
B16.9	Hepatitis B	4	4	45	64	78	90	127	158	285
B24	AIDS	137	128	530	683	1,598	1,725	2,265	2,536	4,801
N34.3	Urethral discharge syndrome	504	n/a	11,802	n/a	11,151	n/a	23,457	n/a	23,457
N50.9	Genital ulcer syndrome	252	n/a	4,002	n/a	4,221	n/a	8,475	n/a	8,475
N73.9	Lower abdominal pains (PID)	n/a	458	n/a	10,475	n/a	10,412	n/a	21,345	21,345
N76.6	Genital ulcer syndrome	n/a	201	n/a	3,960	n/a	3,588	n/a	7,749	7,749
N89.8	Vaginal discharge syndrome	n/a	1,242	n/a	32,754	n/a	21,180	n/a	55,176	55,176
Z20.2	STI Contacts	168	165	3,380	2,991	4,585	2,587	8,133	5,743	13,876
Z21	HIV positive	364	446	1,356	2,315	4,104	4,476	5,824	7,237	13,061
	Total	1,573	2,818	24,486	56,799	29,439	46,848	55,498	106,465	161,963

Annex 3: Number of Out-Patient Attendances by Diagnosis Agegroup and Sex (Sexually Transmitted Infections) - 2011 cont'd

Code	Diagnosis	Repeat Attendances									Grand Total
		0-14		15-29		30+		Sub Total		Total	
		M	F	M	F	M	F	M	F		
A64	Other STI (e.g Inguinal bubo, Syphilis, Warts)	29	28	410	579	584	726	1,023	1,333	2,356	16,094
B16.9	Hepatitis B	14	59	17	328	65	611	96	998	1,094	1,379
B24	AIDS	1,108	1,032	2,468	4,834	12,597	17,196	16,173	23,062	39,235	44,036
N34.3	Urethral discharge syndrome	79	n/a	1,045	n/a	1,186	n/a	2,310	n/a	2,310	25,767
N50.9	Genital ulcer syndrome	26	n/a	480	n/a	587	n/a	1,093	n/a	1,093	9,568
N73.9	Lower abdominal pains (PID)	n/a	61	n/a	1,407	n/a	1,682	n/a	3,150	3,150	24,495
N76.6	Genital ulcer syndrome	n/a	32	n/a	508	n/a	565	n/a	1,105	1,105	8,854
N89.8	Vaginal discharge syndrome	n/a	120	n/a	3,651	n/a	2,628	n/a	6,399	6,399	61,575
Z20.2	STI Contacts	30	28	211	272	294	283	535	583	1,118	14,994
Z21	HIV positive	3,120	3,256	7,339	12,880	29,163	39,850	39,622	55,986	95,608	108,669
	Total	4,406	4,616	11,970	24,459	44,476	63,541	60,852	92,616	153,468	315,431

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 4: Number of Out-Patient Attendances by Health District and Diagnosis (Complicated Pregnancies) - 2011

Health District	Anaemia <10g/l	Anaemia ≥10g/l	Haemorrhage	Infection	Hypertension	Other complications
Ngamiland	285	3	25	133	119	8
North East	189	224	5	41	28	0
Palapye	130	87	14	12	38	6
Bobirwa	837	126	8	13	83	0
Kweneng East	192	30	3	78	78	1
Southern	134	53	7	43	44	2
Gantsi	62	1	1	64	27	2
Mahalapye	453	178	52	214	248	8
Kgatleng	437	261	17	131	260	1
Chobe	106	111	5	49	16	0
Kgalagadi South	30	12	1	13	15	0
Tutume	578	495	29	72	99	1
Boteti	93	5	3	7	20	3
Okavango	247	438	2	53	27	0
Gaborone	1,364	781	163	630	674	5
Francistown	1,198	269	38	253	192	6
South East	254	16	4	169	287	0
Lobatse	202	44	16	69	125	0
Selibe Phikwe	461	132	5	125	94	0
Kweneng West	90	28	2	62	34	1
Mabutsane	30	0	2	74	8	2
Jwaneng	83	70	4	20	13	0
Goodhope	159	7	0	9	74	5
Kgalagadi North	25	26	2	3	5	1
Moshupa	28	3	0	2	9	0
Charleshill	19	0	2	11	17	1
Serowe	278	247	14	56	142	1
Total	7,964	3,647	424	2,406	2,776	54

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 5: Number of Out-Patient Attendances by Diagnosis and Health district (Other Services) - 2011

Districts	Well Baby Care		Injections	Dressings	Tetanus Toxoid
	New	Repeat			
Ngamiland	1,658	82,789	12,436	9,449	789
North East	1,204	56,094	6,545	7,350	811
Palapye	498	31,857	7,382	6,840	1,303
Bobirwa	2,518	81,913	12,551	11,783	789
Kweneng East	2,069	121,944	16,200	17,718	959
Southern	732	51,105	7,509	9,713	786
Gantsi	802	26,726	6,715	5,005	411
Mahalapye	3,086	147,816	16,352	25,201	1,777
Kgatleng	3,033	72,254	13,192	18,193	1,419
Chobe	622	22,857	5,165	4,964	706
Kgalagadi South	1,006	41,165	7,031	5,618	478
Tutume	2,391	108,072	10,394	12,136	1,416
Boteti	1,582	63,932	12,342	13,043	1,270
Okavango	895	46,398	6,414	6,818	512
Gaborone	6,493	169,432	70,070	56,480	4,450
Francistown	8,219	178,272	32,148	36,435	2,336
South East	4,656	36,377	6,722	7,718	3,164
Lobatse	1,018	24,668	9,205	10,589	792
Selibe Phikwe	814	42,055	15,651	13,299	835
Kweneng West	1,426	69,499	7,258	7,881	864
Mabutsane	390	14,838	2,097	1,465	227
Jwaneng	398	27,060	5,775	4,762	568
Goodhope	656	47,721	4,835	6,448	437
Kgalagadi North	711	19,265	5,420	4,867	404
Moshupa	1,240	32,071	4,372	5,320	353
Charleshill	99	7,782	2,696	2,627	332
Serowe	2,314	93,923	13,542	18,092	1,196
Grand Total	50,530	1,717,885	320,019	329,814	29,384

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 6: Number of Out-Patient Attendances by Diagnosis and Health district (Family Planning) - 2011

Health District	New Attendance								Total
	Pill Low Dose	Pill High Dose	Pill Progesterone	IUCDs Copper	IUCDs Other	Infections	Nor Plant	Other	
Ngamiland	594	20	144	2	0	705	0	0	1,465
North East	169	24	15	3	0	213	0	0	424
Palapye	145	60	76	4	0	370	0	1	656
Bobirwa	354	23	63	10	5	565	0	0	1,020
Kweneng East	701	48	23	30	7	721	0	2	1,532
Southern	87	14	47	7	1	514	0	4	674
Gantsi	112	23	29	10	3	291	0	0	468
Mahalapye	350	33	102	21	3	1,184	0	30	1,723
Kgatleng	373	30	100	26	1	612	0	16	1,158
Chobe	139	13	40	5	0	215	0	0	412
Kgalagadi South	156	18	18	2	0	321	3	29	547
Tutume	275	29	123	9	0	668	0	12	1,116
Boteti	84	48	48	13	0	329	0	0	522
Okavango	176	96	61	0	0	296	0	10	639
Gaborone	1,116	59	167	90	7	1,333	0	1,416	4,188
Francistown	769	26	77	12	1	1,310	0	19	2,214
South East	145	6	82	23	0	255	0	14	525
Lobatse	201	65	104	9	0	266	0	8	653
Selibe Phikwe	136	31	18	16	1	122	0	0	324
Kweneng West	645	34	55	2	0	550	0	0	1,286
Mabutsane	118	11	7	0	0	101	0	0	237
Jwaneng	146	12	31	14	0	189	0	6	398
Goodhope	268	12	22	19	1	204	0	0	526
Kgalagadi North	101	8	36	2	0	238	0	0	385
Moshupa	53	9	88	1	6	182	0	0	339
Charleshill	20	10	0	0	0	128	0	0	158
Serowe	263	26	59	10	1	714	0	0	1,073
Total	7,696	788	1,635	340	37	12,596	3	1,567	24,662

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 6: Number of Out-Patient Attendances by Diagnosis and Health district (Family Planning) - 2011

Health District	Repeat Attendance										Amount Dispensed	
	Pill Low Dose	Pill High Dose	Pill Progesterone	IUCDs Copper	IUCDs Other	Infections	Nor Plant	Other	Total	Total Grand	Condom (Male)	Condom (Female)
Ngamiland	2,702	323	402	3	0	4,704	0	0	8,134	9,599	167,462	4,283
North East	546	100	55	9	0	1,224	1	5	1,940	2,364	210,748	6,791
Palapye	837	222	251	16	0	2,472	0	17	3,815	4,471	95,659	7,254
Bobirwa	2,004	33	192	15	1	2,497	0	0	4,742	5,762	276,003	33,236
Kweneng East	3,447	172	200	98	33	5,739	0	32	9,721	11,253	438,439	4,946
Southern	195	28	54	8	2	2,496	0	15	2,798	3,472	93,742	2,796
Gantsi	501	83	31	11	4	1,525	0	110	2,265	2,733	97,475	6,302
Mahalapye	1,681	340	347	29	4	8,127	0	50	10,578	12,301	315,840	6,225
Kgatleng	1,911	242	321	64	3	5,578	0	14	8,133	9,291	293,376	3,478
Chobe	656	18	68	2	0	1,665	0	15	2,424	2,836	85,315	1,375
Kgalagadi South	406	42	33	5	0	2,828	0	0	3,314	3,861	184,578	1,720
Tutume	1,092	39	239	9	0	3,859	0	83	5,321	6,437	229,328	5,433
Boteti	430	56	72	23	1	2,819	0	0	3,401	3,923	135,152	1,959
Okavango	1,813	208	497	0	0	4,030	0	0	6,548	7,187	124,855	3,020
Gaborone	4,096	172	484	228	37	10,458	0	47	15,522	19,710	1,089,544	14,820
Francistown	2,397	114	146	16	1	7,622	0	67	10,363	12,577	579,590	6,527
South East	841	23	462	31	3	2,837	0	0	4,197	4,722	130,086	849
Lobatse	1,079	328	444	35	3	2,095	0	21	4,005	4,658	168,959	2,062
Selibe Phikwe	831	224	117	29	0	809	0	0	2,010	2,334	66,558	520
Kweneng West	3,140	123	167	3	2	3,074	0	0	6,509	7,795	304,276	979
Mabutsane	461	28	46	2	0	707	0	0	1,244	1,481	40,048	199
Jwaneng	906	99	157	7	0	1,593	0	0	2,762	3,160	96,477	594
Goodhope	755	108	97	13	3	2,423	0	0	3,399	3,925	134,887	2,988
Kgalagadi North	506	93	202	1	0	1,669	0	0	2,471	2,856	60,154	798
Moshupa	183	120	118	21	0	1,557	0	0	1,999	2,338	57,372	1,682
Charleshill	249	1	9	2	0	871	0	0	1,132	1,290	39,388	180
Serowe	1,632	269	231	20	1	5,890	0	0	8,043	9,116	327,410	3,475
Total	35,297	3,608	5,442	700	98	91,168	1	476	136,790	161,452	5,842,721	124,491

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 7: Number of Out-Patient Attendances by Agegroup and Health district (Ante Natal and Post Natal Care) - 2011

Districts	New Attendance								ANC first trimester	Post Natal Care	Total ANC Attendances
	<15	15-19	20-24	25-29	30-39	40-44	45+	Total			
Ngamiland	14	412	777	674	591	89	12	2,569	84	1,376	16,726
North East	4	155	309	257	212	30	7	974	62	839	6,557
Palapye	3	172	268	287	250	21	5	1,006	64	742	7,294
Bobirwa	9	300	486	430	415	65	10	1,715	96	1,485	12,974
Kweneng East	10	421	898	727	727	109	15	2,907	116	1,944	20,728
Southern	34	203	422	332	370	41	4	1,406	61	810	11,499
Gantsi	3	181	234	198	202	30	4	852	22	307	5,556
Mahalapye	15	435	754	707	713	122	17	2,763	159	2,089	21,734
Kgatleng	3	330	632	564	618	81	7	2,235	113	1,656	17,188
Chobe	2	107	207	203	165	31	1	716	81	322	4,597
Kgalagadi South	2	141	232	206	179	23	1	784	49	561	5,237
Tutume	19	410	640	531	550	83	15	2,248	120	1,472	14,170
Boteti	5	282	540	498	444	56	7	1,832	36	913	12,748
Okavango	4	322	392	325	389	68	12	1,512	47	706	9,738
Gaborone	37	1,043	3,359	3,220	2,761	201	17	10,638	971	3,719	72,469
Francistown	9	734	1,688	1,451	1,288	136	18	5,324	325	3,317	39,353
South East	3	113	373	405	404	54	5	1,357	87	1,130	12,232
Lobatse	2	147	335	300	317	27	2	1,130	69	685	10,147
Selibe Phikwe	3	191	441	506	466	52	5	1,664	171	852	12,555
Kweneng West	9	268	386	250	257	45	5	1,220	61	528	7,901
Mabutsane	2	73	120	106	81	9	2	393	6	221	2,416
Jwaneng	2	150	292	278	282	33	-	1,037	51	376	6,692
Goodhope	7	163	233	185	235	38	5	866	25	775	6,039
Kgalagadi North	2	113	136	121	110	17	2	501	18	319	3,439
Moshupa	2	96	157	131	155	22	1	564	46	517	3,684
Charleshill	1	58	107	67	74	18	1	326	12	159	2,200
Serowe	12	369	608	544	520	69	4	2,126	109	1,476	15,929
Total	218	7,389	15,026	13,503	12,775	1,570	184	50,665	3,061	29,296	361,802

GENERAL OUT-PATIENT AND PREVENTIVE HEALTH STATISTICS BRIEF 2011

Annex 7: Number of Out-Patient Attendances by Agegroup and Health district (Ante Natal and Post Natal Care) - 2011

Districts	Repeat Attendance								ANC first trimester	Post Natal Care	Total ANC Attendances
	<15	15-19	20-24	25-29	30-39	40-44	45+	Total			
Ngamiland	41	1,893	4,396	3,950	3,474	370	33	14,157	84	1,376	16,726
North East	22	631	1,811	1,616	1,305	180	18	5,583	62	839	6,557
Palapye	13	777	1,859	1,841	1,667	115	16	6,288	64	742	7,294
Bobirwa	7	1,545	3,365	3,113	2,839	370	20	11,259	96	1,485	12,974
Kweneng East	40	2,156	5,487	4,897	4,628	555	58	17,821	116	1,944	20,728
Southern	291	989	2,898	2,863	2,745	282	25	10,093	61	810	11,499
Gantsi	14	759	1,246	1,223	1,307	138	17	4,704	22	307	5,556
Mahalapye	35	2,357	5,666	5,285	4,875	668	85	18,971	159	2,089	21,734
Kgatleng	35	1,683	4,320	4,375	4,059	441	40	14,953	113	1,656	17,188
Chobe	3	428	1,108	1,192	1,032	115	3	3,881	81	322	4,597
Kgalagadi South	22	628	1,313	1,172	1,181	133	4	4,453	49	561	5,237
Tutume	97	1,727	3,528	3,279	2,870	373	48	11,922	120	1,472	14,170
Boteti	6	1,242	3,012	3,318	2,987	316	35	10,916	36	913	12,748
Okavango	6	1,430	2,336	2,115	2,006	318	15	8,226	47	706	9,738
Gaborone	139	4,495	17,664	20,696	17,480	1,300	57	61,831	971	3,719	72,469
Francistown	56	3,561	10,578	10,370	8,626	794	44	34,029	325	3,317	39,353
South East	6	707	2,829	3,300	3,621	399	13	10,875	87	1,130	12,232
Lobatse	5	767	2,307	2,933	2,694	286	25	9,017	69	685	10,147
Selibe Phikwe	-	1,055	2,726	3,488	3,331	270	21	10,891	171	852	12,555
Kweneng West	36	1,089	2,173	1,588	1,571	193	31	6,681	61	528	7,901
Mabutsane	3	349	578	526	517	43	7	2,023	6	221	2,416
Jwaneng	7	633	1,631	1,820	1,448	114	2	5,655	51	376	6,692
Goodhope	36	766	1,458	1,202	1,520	175	16	5,173	25	775	6,039
Kgalagadi North	3	435	860	851	694	88	7	2,938	18	319	3,439
Moshupa	5	461	929	828	771	125	1	3,120	46	517	3,684
Charleshill	5	233	573	431	534	90	8	1,874	12	159	2,200
Serowe	43	1,811	4,052	4,079	3,441	357	20	13,803	109	1,476	15,929
Total	976	34,607	90,703	92,351	83,223	8,608	669	311,137	3,061	29,296	361,802

