



Information & Communications Technology Statistics Report 2015



STATISTICS BOTSWANA



Information & Communications Technology Statistics Report 2015

Published by

Statistics Botswana
Private Bag 0024, Gaborone
Telephone: (+267) 3671300
Fax: (+267) 3956087
Email: info@statsbots.org.bw
Website: www.statsbots.org.bw

Contact Unit: Information and Communications Technology Statistics Unit
Statistics Botswana
Tel:+267 367 1300

July 2017

COPYRIGHT RESERVED

No part of this information shall be reproduced, stored in a retrieval system,
or even transmitted in any form or by any means, whether electronically,
mechanically, photocopying or otherwise, without the prior permission of
Statistics Botswana

Table of Contents

1.	Introduction	1
2.	Telecommunication	1
2.1	Fixed Telephone Lines and Mobile Cellular Telephone Subscriptions	1
2.2	Telephone Traffic	2
2.3	Internet Subscriptions	2
3.	Postal Services	3
3.1	Mail Volume Trends	3
3.2	Recorded Mail Items	4
3.3	Unrecorded Mail Items	4
4.	Print Media	5
4.1	Printed Newspapers/Magazines by Frequency	5
4.2	Private Newspaper Net Sales	6
4.3	ICT Usage by Private Newspaper Employees	6
5.	Radio and Television	7
5.1	Public and Private Radio Station Broadcasting Hours	7
5.2	ICT Usage by Public and Private Radio Station Employees	7
5.3	Television Broadcasting Hours	7
5.4	ICT Usage by Television Employees	8
6.	Contribution of Postal and Communication Services to GDP	8
	Appendix I: Telecommunications	9
	Appendix II: Postal services	14
	Appendix III: Print media	18
	Appendix IV: Radio and Television	24
	Appendix V: ICT Development Index (IDI)	29
	Appendix IX: Definitions	31

Preface

This report presents Botswana Information and Communications Technology Statistics for the period 2015. It is aimed at enhancing and assisting the decision-making process within the communications sector relating to operational, sectorial, national or international purposes.

It covers statistics relating to Telecommunications, Print Media, Broadcasting and Postal Services.

For more information and further enquiries, contact the Directorate of Stakeholder Relations at 3671300. All Statistics Botswana outputs or publications are available on the website at www.statsbots.org.bw and also at the Statistics Botswana Library (Head-Office, Gaborone).



A. N. Majelantle
Statistician General

July 2017



Abbreviations

ICT	Information and Communication Technology
ADSL	Asymmetric Digital Subscriber line
ISP	Internet Service Providers
GDP	Gross Domestic Product
BOCRA	Botswana Communications Regulatory Authority
IDI	ICT Development Index



Executive Summary

1. INTRODUCTION

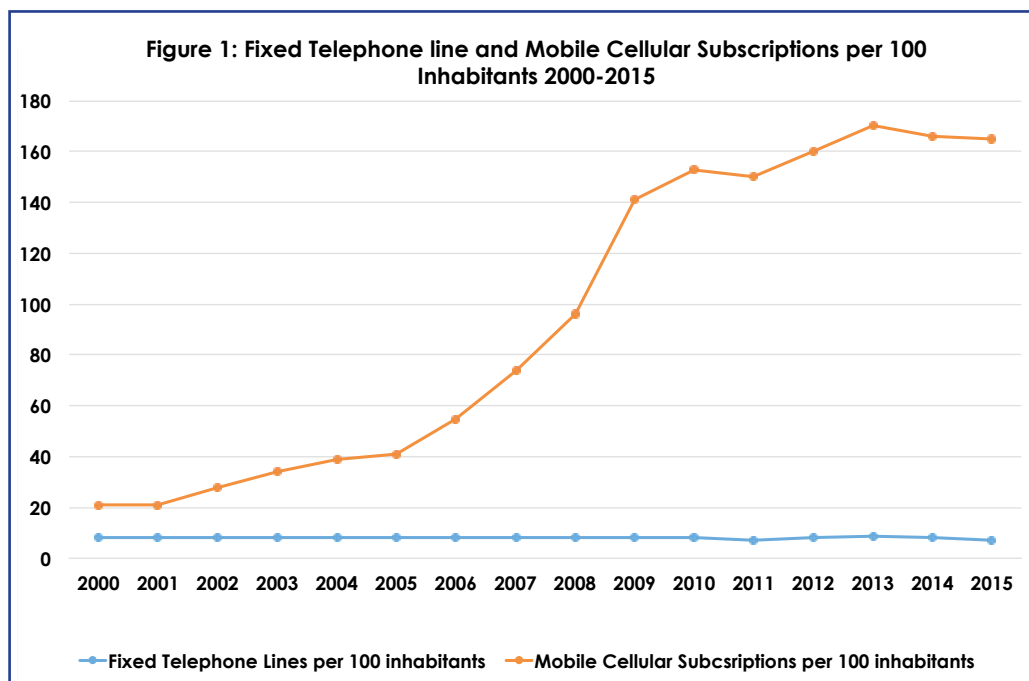
This report covers statistics for the year 2015 relating to Telecommunication, Print Media, Broadcasting (radio and television) and Postal Services. It contains series from 2005 to 2015.

2. TELECOMMUNICATION

2.1 Fixed Telephone Lines and Mobile Cellular Telephone Subscriptions

Subscriptions for fixed telephone lines decreased by 5.2 percent, from 169,236 in 2014 to 160,490 in 2015. Tele-density (the number of fixed telephone lines per 100 inhabitants) has been almost constant since 2002; it decreased from 8 lines per 100 persons in 2014 to 7 lines per 100 persons in 2015.

Unlike fixed telephone lines, mobile cellular telephone subscriptions increased in 2015. They rose from 3,410,507 in 2014 to 3,475,327 in 2015, registering a growth of 1.9 percent. This increase resulted from the rise in pre-paid mobile cellular telephone subscriptions which constituted 97.7 percent of total mobile cellular telephone subscriptions in 2015. Pre-paid mobile cellular telephone subscriptions numbered 3,395,758 while post-paid mobile cellular telephone subscriptions were 79,569. Mobi-density (the number of mobile cellular subscriptions per 100 inhabitants) remained constant in 2015. **Table 1** and **Table 2** in **Appendix 1** and **Figure 1** below show the details.



2.2 Telephone Traffic

Telephone traffic is recorded as Domestic calls, International calls and Short Message Service (SMS).

During the fourth quarter of 2015, there were 2,067,470,773 fixed telephone to fixed telephone domestic calls recorded as compared to 424,793,378 during the same period in 2014. This presents higher traffic as compared to the fixed telephone to mobile cellular phones for domestic calls. The traffic from fixed telephone to mobile cellular telephones also grew by 2.4 percent from 390,589,346 recorded during the fourth quarter of 2014 to 399,920,925 over the same period in 2015.

The On net mobile cellular traffic declined by 2.4 percent from 538,595,573 recorded in the last quarter of 2014 as compared to 525,492,538 observed in 2015 last quarter.

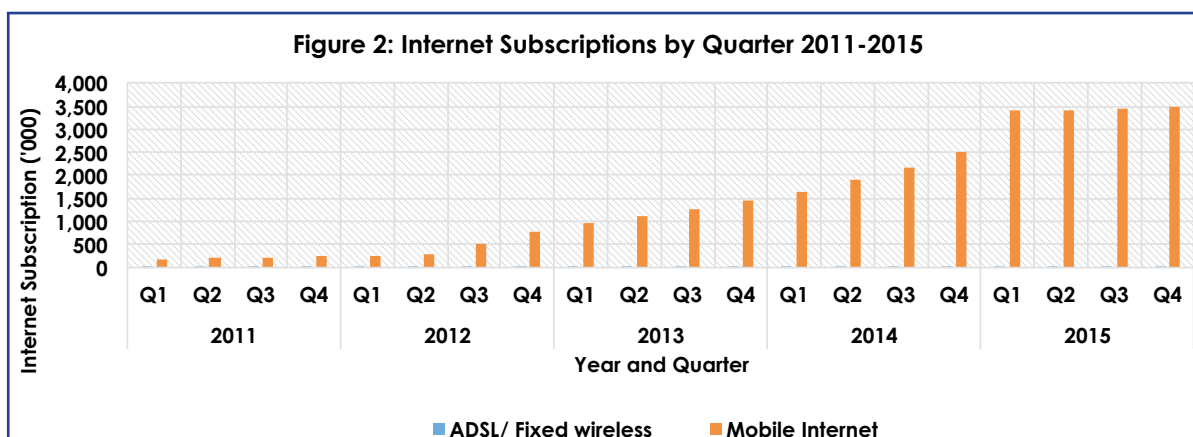
It can also be realized from Table 4 that 538,595,573 On net mobile cellular telephone calls were recorded during the last quarter of 2014 as compared to 178,652,457 of Off net mobile cellular telephone of the same period, showing a decline of 66.8 percent. On net mobile cellular telephone calls amounted to 525,492,538 during the last quarter of 2015 against 176,298,042 Off net cellular telephone calls recorded in the same period in 2015. This presents a decline of 66.5 percent.

International calls traffic of Outgoing from fixed telephones increased by 38.5 percent from 671,227,267 during the fourth quarter of 2014 to 929,767,092 recorded over the same period in 2015. On the other hand, outgoing calls from mobile cellular telephones decreased by 9.2 percent from 16,990,114 recorded during the last quarter of 2014 to 15,426,446 over the same period in 2015.

The traffic for SMS shows a decline of 7.5 % from 226,930,504 during the last quarter of 2014 to 209,840,809 recorded in the last quarter of 2015 within the On net SMS. The Off Net SMS increased by 8.0 % from 146,297,194 recorded in the fourth quarter of 2014 to 157,962,098 over the same period in 2015.

2.3 Internet Subscriptions

Internet subscriptions rose by 39.2 percent during the period under review, from 2,524,013 subscriptions in 2014 to 3,512,172 in 2015. This increase resulted from the growth of both mobile internet subscriptions (from 2,496,146 subscriptions in 2014 to 3,475,327 in 2015) and fixed internet subscriptions (from 27,867 in 2014 to 36,845 in 2015).



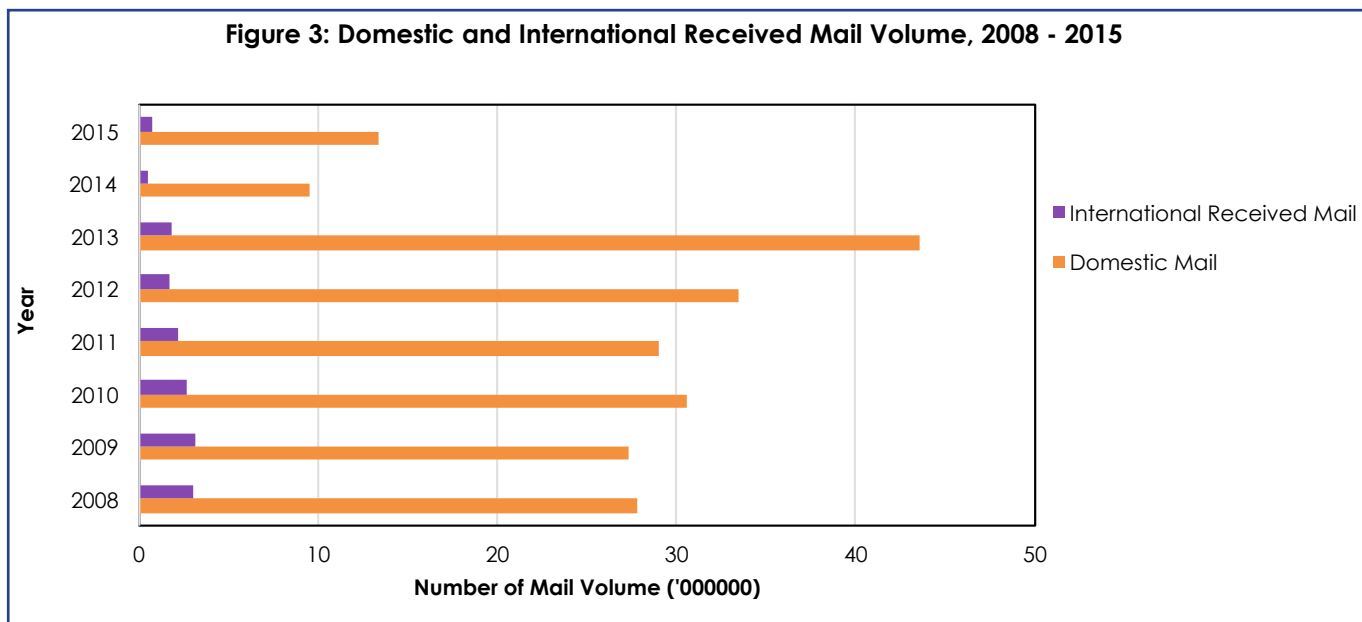
Assessing the quarters of 2015 with respect to internet subscriptions, Q1 2015 experienced the highest increase while the other quarters experienced marginal growth. Q1 2015 observed an increase of 36.3 percent in internet subscriptions from Q4 2014 while Q2, Q3 and Q4 2015 registered 0.3 percent, 0.7 percent and 1.0 percent respectively. This is illustrated in **Figure 2** above and **Table 3** in **Appendix 1**.

Internet subscriptions per 100 inhabitants increased from 117 subscriptions in 2014 to 160 subscriptions in 2015. This growth resulted from the growth of mobile cellular telephones subscriptions per 100 inhabitants of 161 subscriptions in 2015 from 115 subscriptions in 2014. See **Table 1** in **Appendix 1** for details.

3. POSTAL SERVICES

3.1 Mail Volume Trends

The volume of mail circulated within and outside Botswana is illustrated in Figure 3 below and Table 5 in Appendix II. International mail received increased by 51.2 percent in 2015 while international mail dispatched increased by 23.1 percent. Domestic mail also experienced an increase in 2015 and it registered a growth of 40.3 percent. Mail volume trends are as shown in **Table 5** of **Appendix II**.



3.2 Recorded Mail Items

Recorded items include Insured Parcels, Registered Items, and Express Mail Service (EMS) items, excluding undeliverable and returned-to-sender or re-directed items.

Total posted parcels decreased by 1.3 percent in 2015, from 18,571 total parcels dispatched in 2014 to 18,815 parcels in 2015. Foreign received parcels decreased by 56.3 percent in 2015; they reduced from 7,202 parcels in 2014 to 3,148 parcels in 2015.

Registered items posted decreased by 25.1 percent in 2015, from 319,920 items recorded in 2014 to 400,217 items recorded in 2015. Foreign registered items increased in 2014 by 25.1 percent from 19,230 items in 2014 to 24,057 in 2015.

Both dispatched and received EMS items decreased in 2015. Foreign dispatched express mail items decreased by 35 percent while foreign received EMS items decreased by 6.1 percent compared to the previous year. The details are as shown in **Table 6** of **Appendix II**.

3.3 Unrecorded Mail Items

Letter/cards dispatched and received increased by 2.3 percent in 2015, from 8,170,944 items recorded in 2014 to 8,361,903 items in 2015. Printed matter increased by 248 percent in 2015, it recorded 1,547,888 items in 2014 and 5,387,135 items in 2015. On the other hand small packets increased by 23.5 percent in 2015, from 42,860 items recorded in 2014 to 52,930 items in 2015. See **Table 7** in **Appendix II** for other details.



4. PRINT MEDIA

Print media covers private and Government owned newspapers throughout Botswana. These are categorized into Dailies (issued at least 4 times a week), Non Dailies (issued once a week), Magazines (issued once a month) and Advertising Magazines (issued once a week).

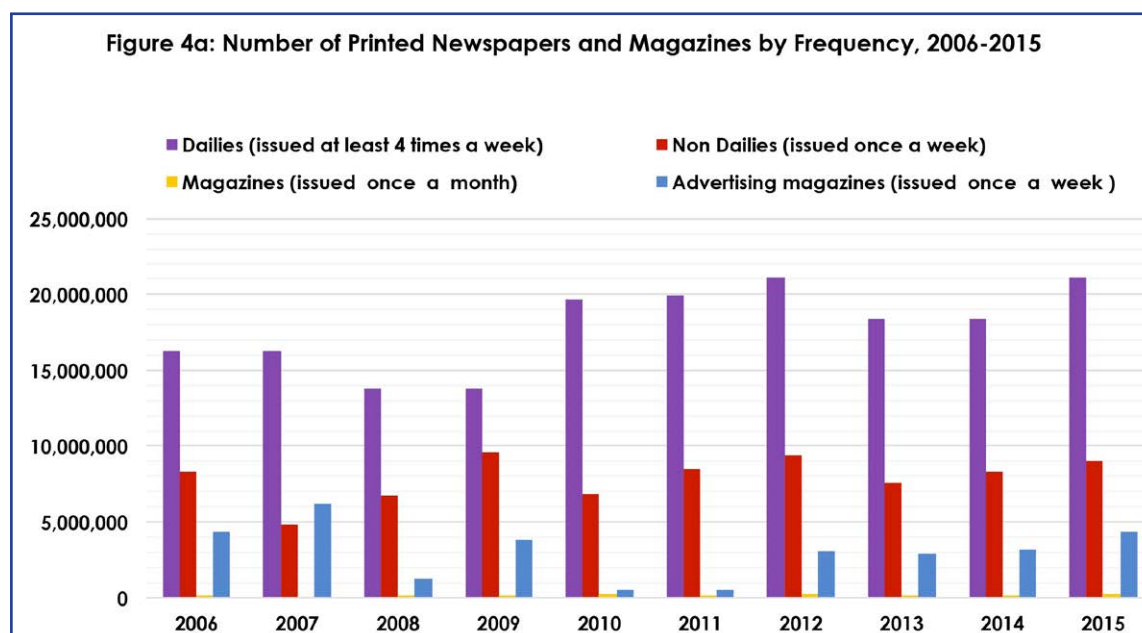
4.1 Printed Newspapers/Magazines by Frequency

Table 8 in Appendix III shows the number of printed newspapers and magazines for the period 2006 to 2015. Printed Dailies went up by 14.8 percent in 2015 from the previous year while printed Non-dailies increased by 8.3 percent. Printed Magazines issued once a month and those issued once a week (advertising magazines) also went up in 2015; they increased by 25 percent and 34.8 percent respectively as compared to the year 2014.

Printed Non-Dailies started at 8.3 million papers in 2006 and then reduced to 4.8 million in 2007. A year later they increased to 6.7 million and further increased until they reached the highest peak of 9.5 million papers in 2009. They reduced again in 2010 to 6.9 million papers. In 2015, printed Non-Dailies numbered 9 million as compared to 8.3 million papers printed in 2014.

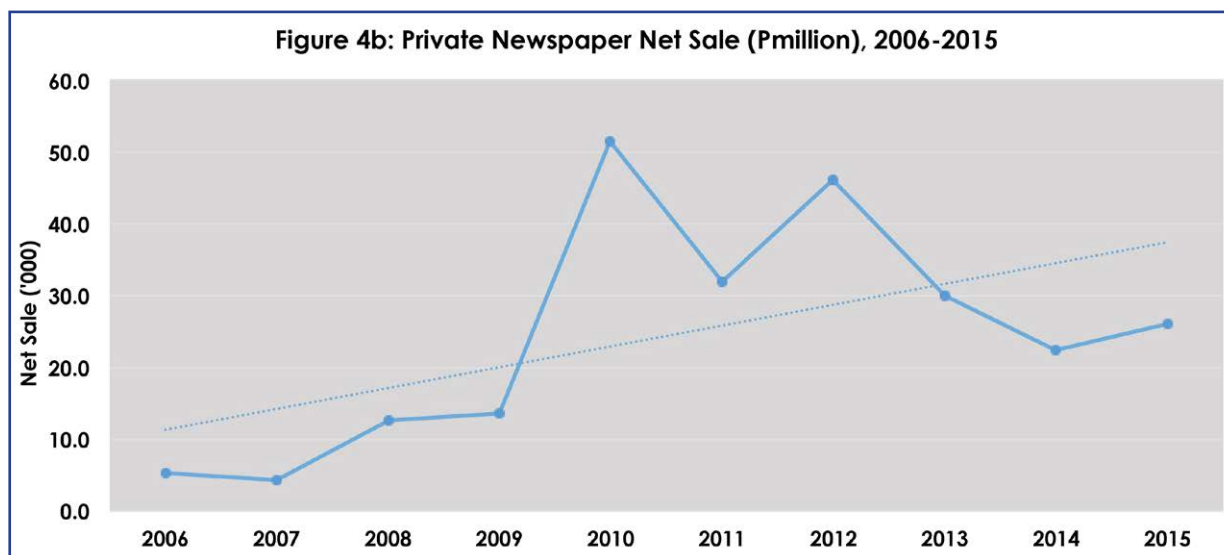
As is the case with newspapers, the trend for printed magazines issued once a month has been fairly stable over the ten year period while that for those issued weekly has been fluctuating.

Printed magazines issued once a month increased to 225,000 issues in 2015 from 180,000 issues printed in 2014. Advertising magazines issued once a week also increased in 2015; they also went up by totaling 4,320,000 issues in 2015 from 3,204,600 issues printed in 2014. The details are as shown in **Table 8** of **Appendix III** and **Figure 4a** below.



4.2 Private Newspaper Net Sales

Figure 4b gives graphical presentation of net sales of private newspapers from 2006 to 2015. It can be observed that there have been fluctuations in net sales of private newspapers during this period, with net sales having reached a maximum of P51.5 million in 2010 and a minimum of P4.3 million in 2007. Sales started to decrease in 2011 until they reached P26 million in 2015.



Private newspaper net sales increased by 16.1 percent to P26 million in 2015 from P22 million recorded in 2014. Refer to **Tables 10** in the appendix for details.

4.3 ICT Usage by Private Newspaper Employees

There was wide usage of computers, intranet, and internet among private newspaper employees during 2015. Among the employees of private newspapers in 2015, males had more usage of computers, intranet and internet than their female counterparts. As of December 2015, 75.4 percent of males used computers while 68.6 percent of females used computers; 60.6 percent of newspaper male employees used internet while 57.9 percent of female employees used the internet. Males also had more access to the websites than did female employees. See **Table 12** in the Appendix for details.



5. RADIO AND TELEVISION

5.1 Public and Private Radio Station Broadcasting Hours

Table 5.1 below and **Table 13** in the Appendix, display public and private radio weekly broadcasting hours by quarter from 2011 to 2015. In 2015, the figures suggest that programs that are highly broadcasted are General programs followed by English and Setswana programs. In Q4 of 2015, 4,720 hours were used for broadcasting General programs while 1,815 hours were used for broadcasting English programs. Setswana programs followed with 1,686 broadcasting hours. The least covered in terms of hours are Instructional/Special programs and Religious programs.

Table 5.1: Public and Private Radio Weekly Broadcasting Hours by Quarter, 2015

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Broadcasting Programme					
General Programmes	4,721	4,718	4,722	4,720	18,881
Religious Programmes	204	204	204	204	816
Instructional/ Special Programmes	198	198	198	198	792
Commercial / Advertising Programmes	816	816	816	816	3,264
Setswana Programmes	1,686	1,686	1,686	1,686	6,744
English Programmes	1,815	1,815	1,815	1,815	7,260

Source: Information and Communication Technology Statistics, Statistics Botswana

5.2 ICT Usage by Public and Private Radio Station Employees

There is a wide usage of information and communication technologies among radio employees. Male employees have higher usage as compared to female employees, this is shown in **Table 14** of **Appendix IV**.

5.3 Television Broadcasting Hours

Television weekly broadcasting hours for the year 2015 are shown in **Table 5.3** below and **Table 15** in the Appendix. The two tables indicate that English programs had the highest broadcasting hours in 2015 followed by General programs while Instructional/Special programs were the least covered.

Table 5.3: Television Weekly Broadcasting Hours by Quarter, 2015

Broadcasting Programme	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
General Programmes	2,642	2,667	2,691	2,710	10,710
Religious Programmes	527	528	528	528	2,111
Instructional/ Special Programmes	48	48	48	48	192
Commercial / Advertising Programmes	573	576	576	573	2,298
Setswana Programmes	524	525	523	523	2,095
English Programmes	2,644	2,690	2,696	2,717	10,747

Source: Information and Communication Technology Statistics, Statistics Botswana



5.4 ICT Usage by Television Employees

The use of ICTs among television employees is almost constant in all the quarters of 2015, with female employees having the highest usage as compared to their male counterparts. In Q4 2015, 97.6 percent of television female employees used computers, a slight decrease of 1 percent from the 2014. Usage of computers by male television employees also went down in Q1 2015; 94.4 percent of them used computers in Q4 2015 as compared to 93.5 percent in the same quarter of the previous year. Females also dominated in the use of the intranet, 67.1 percent of them used intranet which is a significant decrease of 6 percent from the previous year proportion of 72.7 percent. With respect to male usage, 55.6 percent of males used the intranet, showing an increase of 8 percent from 47.8 percent recorded in the previous year. However, males dominated in the use of internet; 94.4 percent of males used the internet in Q4 2015 with an increase of 31 percent from 2014 while 51.8 percent of females used it registering an increase of 8 percent from the previous year. See the details in **Table 16** in the **Appendices**.

6. CONTRIBUTION OF POSTAL AND COMMUNICATION SERVICES TO GDP

The contribution of Postal and Communications Services to GDP in real prices stood between 1.5 and 2.4 percent during the period 2006 to 2015. In 2006, the value added of the sector amounted to 1.5 percent of real GDP. The contribution of the sector to the economy grew over the years to reach 2.8 percent of real GDP in 2015. The value added sector at constant prices increased from 2214 to 2372 (P million) in 2015 while the annual growth rate in 2015 reduced by 2.6 percent from the previous year. See **Table 6.1** below.

Table 6.1: Contribution of Communication & Postal Services To Gross Domestic Product, 2006 - 2015

Year	Current Prices				Constant Prices			
	Total GDP (P Million)	Postal & Communication Services Value Added (P Million)	Postal & Communication Services Contribution To GDP (%)	Postal & Communication Services Annual Growth Rates (%)	Total GDP (P Million)	Postal & Communication Services Value Added (P Million)	Postal & Communication Services Contribution To GDP (%)	Postal & Communication Services Annual Growth Rates (%)
2006	59106.9	857.5	1.5		59,106.9	858	1.5	
2007	67152.7	1002.0	1.5	16.9	63,999.1	995	1.6	16.1
2008	74,720.90	1332.8	1.8	33.0	67,996.1	1257	1.8	26.3
2009	73,462.28	1605.4	2.2	20.5	62,792.8	1420	2.3	13.0
2010	86,867.47	1930.5	2.2	20.2	68,170.1	1605	2.4	13.0
2011	104,979.78	2173.8	2.1	12.6	72,293.3	1732	2.4	7.9
2012	109,870.42	2393.5	2.2	10.1	75,514.8	1864	2.5	7.6
2013	125,158.32	2644.3	2.1	10.5	84,080.7	2018	2.4	8.3
2014	145,868.36	3058.3	2.1	15.7	87,569.5	2214	2.5	9.7
2015	145,923.50	3465.2	2.4	13.3	86,080.8	2372	2.8	7.1

Source: National Accounts, Statistics Botswana



APPENDIX I: Telecommunications



Table 1: Information & Communication Technology Infrastructure and Access, 2005 - 2015

ICT Infrastructure and Access										
Year	Fixed Telephone Lines	Fixed Telephone Lines per 100 Inhabitants	Mobile Cellular Telephone Subscriptions	Mobile Cellular Telephone Subscriptions per 100 inhabitants	Internet Subscriptions	Internet Subscriptions per 100 Inhabitants	Fixed Broadband/ADSL Subscriptions	Fixed Broadband/ADSL Subscriptions per 100 Inhabitants	Mobile Broadband Subscriptions	Mobile Broadband per 100 Inhabitants
Year	Number									
2005	136,463	8.0	571,437	33.0	56,312	3.0	1,600	0.1	54,712	3.0
2006	132,034	8.0	825,076	47.0	74,627	4.0	1,800	0.1	72,827	4.0
2007	136,946	8.0	1,153,768	66.0	92,751	5.0	3,540	0.2	89,211	5.0
2008	142,282	8.0	1,559,102	88.0	111,014	6.0	8,900	0.5	102,114	6.0
2009	144,195	8.0	2,390,868	133.0	110,600	6.0	10,000	0.6	100,600	6.0
2010	139,695	8.0	2,644,982	145.0	140,360	8.0	11,978	0.7	128,382	7.0
2011	149,578	7.0	2,900,263	143.0	254,649	13.0	15,707	1.0	238,942	11.0
2012	160,488	7.9	3,081,726	152.2	788,643	39.0	18,838	1.0	769,805	37.0
2013	174,165	8.6	3,246,787	153.5	1,472,026	72.0	27,819	1.3	1,444,207	68.0
2014	169,236	8.0	3,410,507	158.0	2,524,013	117.0	27,867	1.3	2,496,146	115.0
2015	160,490	7.0	3,475,327	158.0	3,512,172	160.0	36,845	1.7	3,475,327	161.0
Annual Percentage Change										
2005	3.6	-	9.3	6.5	(0.3)	-	(3.1)	-
2006	(3.2)	-	44.4	42.4	32.5	33.3	12.5	-	33.1	33.3
2007	3.7	-	39.8	40.4	24.3	25.0	96.7	100.0	22.5	25.0
2008	3.9	-	35.1	33.3	19.7	20.0	151.4	150.0	14.5	20.0
2009	1.3	-	53.3	51.1	(0.4)	-	12.4	20.0	(1.5)	-
2010	(3.1)	-	10.6	9.0	26.9	33.3	19.8	16.7	27.6	16.7
2011	7.1	(12.5)	9.7	(1.4)	81.4	62.5	31.1	42.9	86.1	57.1
2012	7.3	13.2	6.3	6.4	209.7	200.0	19.9	-	222.2	236.4
2013	8.5	8.5	5.4	0.9	86.7	84.6	47.7	30.00	87.6	83.8
2014	(2.8)	(7.0)	5.0	2.9	71.5	62.5	0.2	-	72.8	69.1
2015	(5.2)	(12.5)	1.9	-	39.2	36.8	32.2	30.77	39.2	40.0

Source: Botswana Communications Regulatory Authority (BOCRA)

Note: "... " denotes no data

"-" denotes zero

Table 2: Telephone Subscriptions by Quarter, 2012 - 2015

		Telephone Subscriptions							
		Mobile Cellular			Fixed Telephone	Mobile Cellular			Fixed Telephone
		Pre-Paid	Post Paid	Total		Pre-Paid	Post Paid	Total	
Year/Quarter	Numbers				Quarterly Percentage Change				
2012	Q1	2,893,480	59,636	2,953,116	150,549				
	Q2	2,914,071	61,920	2,975,991	151,360	0.71	3.83	0.77	0.54
	Q3	2,928,017	62,514	2,990,531	159,182	0.48	0.96	0.49	5.17
	Q4	3,017,884	63,842	3,081,726	160,488	3.07	2.12	3.05	0.82
2013	Q1	3,032,563	68,839	3,101,402	162,718	0.49	7.83	0.64	1.39
	Q2	3,047,241	73,836	3,121,077	163,699	0.48	7.26	0.63	0.60
	Q3	3,139,210	76,409	3,215,619	170,910	3.02	3.48	3.03	4.41
	Q4	3,169,148	77,639	3,246,787	174,165	0.95	1.61	0.97	1.90
2014	Q1	3,126,346	78,523	3,204,869	174,992	(1.35)	1.14	(1.29)	0.47
	Q2	3,116,697	79,415	3,196,112	175,674	(0.31)	1.14	(0.27)	0.39
	Q3	3,137,570	81,690	3,219,260	168,817	0.67	2.86	0.72	(3.90)
	Q4	3,328,284	82,223	3,410,507	169,236	6.08	0.65	5.94	0.25
2015	Q1	3,324,654	81,233	3,405,887	169,474	(0.11)	(1.20)	(0.14)	0.14
	Q2	3,334,807	79,851	3,414,658	171,006	0.31	(1.70)	0.26	0.90
	Q3	3,361,527	78,150	3,439,677	172,920	0.80	(2.13)	0.73	1.12
	Q4	3,395,758	79,569	3,475,327	160,490	1.02	1.82	1.04	(7.19)

Source: Botswana Communications Regulatory Authority

Table 3: Internet Subscriptions by Quarter, 2011 - 2015

Year/Quarter	Internet Subscriptions				
	ADSL/ Fixed wireless	Mobile Internet	ADSL/ Fixed wireless	Mobile Internet	
	Numbers		Quarterly Percentage Change		
2011	Q1	14,082	189,803		
	Q2	14,419	200,198	2.39	5.48
	Q3	14,474	224,474	0.38	12.13
	Q4	15,707	238,942	8.52	6.45
2012	Q1	16,298	263,131	3.76	10.12
	Q2	17,204	294,548	5.56	11.94
	Q3	18,166	509,926	5.59	73.12
	Q4	18,838	769,805	3.70	50.96
2013	Q1	19,388	958,074	2.92	24.46
	Q2	23,224	1,098,523	19.79	14.66
	Q3	25,309	1,259,561	8.98	14.66
	Q4	27,819	1,444,207	9.92	14.66
2014	Q1	22,740	1,655,921	(18.26)	14.66
	Q2	24,800	1,898,671	9.06	14.66
	Q3	26,836	2,177,007	8.21	14.66
	Q4	27,867	2,496,146	3.84	14.66
2015	Q1	34,435	3,405,887	23.57	36.45
	Q2	35,641	3,414,658	3.50	0.26
	Q3	36,272	3,439,677	1.77	0.73
	Q4	36,845	3,475,327	1.58	1.04

Source: Botswana Communications Regulatory Authority

Table 4 : Domestic and International Telephone Traffic by Quarter(Minutes), 2012 - 2015

Year/ Quarter		Telephone and Short Message Service Traffic									
		Domestic Calls					International Calls			Short Message Service	
		From Fixed Telephones to Fixed Telephones	From fixed Tele-phones to Mobile Cellular Tele-phones	On Net Mobile Cellular Telephone Calls	Off Net Mobile Cellular Telephone Calls	From Mobile Cellular Telephones to Fixed Telephones	Outgoing from Fixed Telephones	Incoming to Fixed Telephones	Outgoing from Mobile Cellular Telephones	On Net	Off Net
2012	Q1	44,807,471	32,067,146	305,145,554	127,875,946	86,208,330	6,895,539	3,833,461	14,943,619	188,337,052	104,721,472
	Q2	46,165,242	28,438,798	378,223,041	92,329,860	6,156,853	5,576,032	2,649,892	12,170,992	182,518,901	100,177,330
	Q3	46,058,747	33,049,118	384,652,300	126,175,464	13,173,891	4,256,524	1,466,323	16,394,509	217,903,594	121,996,704
	Q4	42,992,250	27,222,676	408,930,424	151,690,137	12,449,792	6,383,477	2,058,108	17,028,469	224,910,519	134,605,875
2013	Q1	40,847,222	25,433,762	415,805,694	130,302,022	10,494,493	6,313,054	-	14,312,615	205,754,037	72,501,473
	Q2	42,084,988	22,555,971	515,384,517	94,081,552	749,499	4,819,138	-	19,279,307	199,397,837	69,355,442
	Q3	41,987,906	41,135,405	524,145,328	128,569,278	1,603,712	7,227,225	-	20,024,820	238,054,826	84,461,578
	Q4	39,192,437	41,135,405	557,227,843	154,568,018	1,515,564	7,147,494	-	16,831,081	245,709,736	93,191,244
2014	Q1	22,992,190	27,010,100	455,270,768	141,011,907	11,881,057	2,060,221	-	15,687,913	199,930,668	129,240,709
	Q2	2,369,077,575	1,697,253,376	494,674,723	151,200,137	11,691,792	19,296,867	-	15,661,291	212,301,376	135,407,579
	Q3	39,113,572	29,184,702	528,763,242	168,612,126	12,121,336	4,198,532	-	16,605,584	226,876,144	160,659,629
	Q4	424,793,378	390,589,346	538,595,573	178,652,457	12,105,602	671,227,267	-	16,990,114	226,930,504	146,297,194
2015	Q1	38,354,146	6,327,160	520,550,402	152,171,070	6,665,492	5,553,381	-	12,818,574	206,479,961	146,257,918
	Q2	36,861,131	6,122,266	522,684,176	160,042,387	11,454,538	5,399,350	-	15,468,748	201,630,906	152,963,487
	Q3	37,557,267	29,923,404	1,867,212,151	209,491,965	11,259,715	5,525,421	-	15,857,336	196,945,120	139,614,378
	Q4	2,067,470,773	399,920,925	525,492,538	176,298,042	9,356,236	929,767,092	-	15,426,446	209,840,809	157,962,098

Source: BOCRA

Note: "-" denotes zero

APPENDIX II: Postal Services

Table 5: Mail Volume Trend, 1998 - 2015

Year					International Mail		Domestic Mail per 10,000 Population
	International Mail		Domestic Mail	Population ('000)	Received per 10,000 Population	Dipatched per 10,000 Population	
	Received	Dispatched					
1998	11,505,944	1,409,440	39,085,932	1,572	73,193	8,966	248,638
1999	4,184,900	1,562,289	32,207,786	1,611	25,977	9,698	199,924
2000	6,927,076	2,921,873	31,607,144	1,651	41,957	17,698	191,442
2001	6,252,568	5,208,753	40,370,418	1,681	37,199	30,989	240,177
2002	8,161,863	2,283,159	34,078,710	1,667	48,947	13,692	204,372
2003	5,356,990	2,574,866	31,954,748	1,691	31,672	15,223	188,926
2004	4,745,254	2,304,065	31,821,527	1,711	27,728	13,464	185,946
2005	6,461,033	1,676,768	30,758,411	1,727	37,404	9,707	178,065
2006	5,854,772	1,904,340	25,972,807	1,740	33,657	10,947	149,307
2007	4,097,365	916,865	27,693,000	1,757	23,325	5,219	157,647
2008	3,057,191	639,752	27,739,494	1,776	17,211	3,602	156,166
2009	3,081,746	390,854	27,306,396	1,798	17,136	2,173	151,840
2010	2,702,019	462,679	30,509,946	1,823	14,823	2,538	167,374
2011	2,136,321	665,222	28,967,032	2,024	10,555	3,287	14,312
2012	1,677,002	587,832	33,493,117	2,071	8,098	2,838	161,724
2013	1,786,964	583,624	43,556,999	2,115	8,449	2,759	205,943
2014	517,867	89,865	9,530,192	2,156	2,402	417	44,203
2015	782,960	110,646	13,366,595	2,195	3,567	504	60,896

Source: Botswana Postal Services

Table 6: Recorded Mail Items (Priority and Non-Priority), 2011 - 2015

Year/Quarter	Parcels				Registered Items				Express Mail Service				Grand Total
	Dispatched			Foreign Received	Dispatched			Foreign Received	Dispatched			Foreign Received	
	Domestic	Foreign	Total Posted		Domestic	Foreign	Total Posted		Domestic	Foreign	Total Posted		
2011													
Q1	3,187	144	3,331	3,380	82,904	5,024	87,928	5,198	-	1,859	1,859	1,038	102,734
Q2	4,909	97	5,006	3,980	73,691	4,943	78,634	4,829	-	1,947	1,947	750	95,146
Q3	5,093	451	5,544	4,132	83,570	5,828	89,398	5,232	-	2,069	2,069	806	107,181
Q4	5,401	148	5,549	4,939	85,280	4,821	90,101	4,701	-	2,658	2,658	1,305	109,253
Total	18,590	840	19,430	16,431	325,445	20,616	346,061	19,960	-	8,533	8,533	3,899	414,314
2012													
Q1	6,555	294	6,849	3,502	77,096	2,958	80,054	4,589	-	2,242	2,242	1,375	98,611
Q2	5,435	311	5,746	3,750	75,164	5,225	80,389	5,058	-	1,559	1,559	1,276	97,778
Q3	4,276	192	4,468	3,451	56,590	7,038	63,628	4,922	-	2,390	2,390	1,333	80,192
Q4	4,261	197	4,458	3,793	49,972	6,311	56,283	4,869	-	2,483	2,483	1,583	73,469
Total	20,527	994	21,521	14,496	258,822	21,532	280,354	19,438	-	8,674	8,674	5,567	350,050
2013													
Q1	3,209	2,275	5,484	3,628	64,929	24,592	89,521	4,051	-	3,768	3,768	2,780	109,232
Q2	4,040	2,697	6,737	3,533	66,813	22,546	89,359	5,298	-	1,248	1,248	2,171	108,346
Q3	4,983	2,448	7,431	2,882	67,868	18,219	86,087	4,630	-	2,149	2,149	2,205	105,384
Q4	3,635	2,566	6,201	2,913	78,061	16,452	94,513	5,043	-	2,320	2,320	1,920	112,910
Total	15,867	9,986	25,853	12,956	277,671	81,809	359,480	19,022	-	9,485	9,485	9,076	435,872
2014													
Q1	4,882	189	5,071	1,249	71,013	13,775	84,788	4,320	1,048	664	1,712	338	97,478
Q2	4,738	142	4,880	2,620	70,989	13,886	84,875	5,178	1,382	664	2,046	419	100,018
Q3	4,630	35	4,665	2,345	62,229	12,629	74,858	4,776	2,291	759	3,050	325	90,019
Q4	3,948	7	3,955	988	64,017	11,382	75,399	4,956	2,299	480	2,779	640	88,717
Total	18,198	373	18,571	7,202	268,248	51,672	319,920	19,230	7,020	2,567	9,587	1,722	376,232
2015													
Q1	4,909	102	5,011	902	89,812	17,447	107,259	5,290	1,860	498	2,358	583	121,403
Q2	4,764	191	4,955	730	89,775	17,618	107,393	6,572	2,701	215	2,916	368	122,934
Q3	4,655	84	4,739	630	76,665	15,716	92,381	5,962	2,638	384	3,022	307	107,041
Q4	3,970	140	4,110	886	79,295	13,889	93,184	6,233	1,511	572	2,083	359	106,855
Total	18,298	517	18,815	3,148	335,547	64,670	400,217	24,057	8,710	1,669	10,379	1,617	458,233

Source: Botswana Postal Services

Note: "-" denotes zero



Table 7: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2015

	Letter/Cards				Printed Matter				Small Packets						
	Dispatched		Received From Abroad	Total	Dispatched		Received From Abroad	Total	Dispatched		Received From Abroad	Total			
	Domestic	Foreign			Domestic	Foreign			Domestic	Foreign					
2011															
Q1	7,314,222	180,848	7,495,070	449,113	7,944,183	46,165	3,129	49,294	16,142	65,436	-	47	3,746	3,793	8,013,412
Q2	7,631,258	154,661	7,785,919	406,097	8,192,016	30,786	4,640	35,426	12,165	47,591	-	461	2,410	2,871	8,242,478
Q3	6,229,240	103,329	6,332,569	294,255	6,626,824	10,939	3,679	14,618	28,466	43,084	-	418	4,221	4,639	6,674,547
Q4	7,314,222	180,848	7,495,070	449,113	7,944,183	46,165	3,129	49,294	16,142	65,436	-	47	3,746	3,793	8,013,412
Total	28,488,942	619,686	29,108,628	1,598,578	30,707,206	134,055	14,577	148,632	72,915	221,547	-	973	14,123	15,096	30,943,849
2012															
Q1	7,586,383	134,266	7,720,649	409,641	8,130,290	7,295	4,449	11,744	33,308	45,052	-	84	4,867	4,951	8,180,293
Q2	8,852,980	143,279	8,996,259	357,875	9,354,134	7,510	1,764	9,274	27,746	37,020	-	369	4,291	4,660	9,395,814
Q3	11,552,604	142,134	11,694,738	335,070	12,029,808	6,234	1,896	8,130	29,667	37,797	-	414	3,900	4,314	12,071,919
Q4	5,196,855	125,973	5,322,828	372,728	5,695,556	3,907	1,587	5,494	53,926	59,420	-	417	4,482	4,899	5,759,875
Total	33,188,822	545,652	33,734,474	1,475,314	35,209,788	24,946	9,696	34,642	144,647	179,289	-	1,284	17,540	18,824	35,407,901
2013															
Q1	7,868,671	99,682	7,968,353	373,638	8,341,991	1,153	6,326	7,479	68,729	76,208	-	150	6,323	6,473	8,424,672
Q2	10,270,293	132,735	10,403,028	315,379	10,718,407	1,832	671	2,503	63,283	65,786	-	295	7,640	7,935	10,792,128
Q3	21,425,191	195,512	21,620,703	381,546	22,002,249	3,553	977	4,530	30,919	35,449	-	410	3,603	4,013	22,041,711
Q4	3,692,437	87,749	3,780,186	309,335	4,089,521	331	805	1,136	180,152	181,288	-	3,700	5,363	9,063	4,279,872
Total	43,256,592	515,678	43,772,270	1,379,898	45,152,168	6,869	8,779	15,648	343,083	358,731	-	4,555	22,929	27,484	45,538,383
2014															
Q1	7,727,527	5,621	7,733,148	119,982	7,853,130	288,213	5,388	293,601	51,019	344,620	8550	81	8,631	1,514	8,207,895
Q2	56,444	5,985	62,429	22,798	85,227	459,877	1,218	461,095	45,515	506,610	10054	253	10,307	3,111	605,255
Q3	2,349	7,755	10,104	1,582	11,686	265,477	1,437	266,914	30,293	297,207	8123	26	8,149	1,408	318,450
Q4	121,929	6,155	128,084	92,817	220,901	281,216	1,196	282,412	117,039	399,451	6967	138	7,105	2,635	630,092
Total	7,908,249	25,516	7,933,765	237,179	8,170,944	1,294,783	9,239	1,304,022	243,866	1,547,888	33,694	498	34,192	8,668	9,761,692
2015															
Q1	7,727,525	3,840	7,731,365	84,424	7,815,789	650,900	8,530	659,430	61,693	721,123	10720	94	10,814	2,057	8,549,783
Q2	56,847	7,610	64,457	97,560	162,017	235,756	1,379	237,135	54,010	291,145	13054	496	13,550	2,167	468,879
Q3	2,350	6,279	8,629	141,752	150,381	3,545,392	1,661	3,547,053	34,056	3,581,109	10081	90	10,171	1,762	3,743,423
Q4	123,809	12,304	136,113	97,603	233,716	619,198	1,351	620,549	173,210	793,759	8408	156	8,564	3,845	1,039,884
Total	7,910,531	30,033	7,940,564	421,339	8,361,903	5,051,246	12,921	5,064,167	322,968	5,387,135	42,263	836	43,099	9,831	13,801,968

Source: Botswana Postal Services

Note: "-", "0" denotes zero

APPENDIX III: Print Media



Table 8: The Number of Private & Government Owned Newspapers/Magazines Printed by Type and Year, 2006 - 2015

Year	Newspapers/ Magazines by Type									
	Dailies (issued at least 4 times a week)	Non Dailies (issued once a week)	Magazines (issued once a month)	Advertising magazines (issued once a week)	Total	Dailies (issued at least 4 times a week)	Non Dailies (issued once a week)	Magazines (issued once a month)	Advertising magazines (issued once a week)	Total
	Numbers ('000)					Annual Percentage Change				
2006	16,250	8,263	180	4,380	29,073					
2007	16,250	4,829	10	6,171	27,260	0.0	(41.6)	(94.4)	40.9	(6.2)
2008	13,790	6,728	120	1,260	21,898	(15.1)	39.3	1100.0	(79.6)	(19.7)
2009	13,790	9,537	120	3,780	27,227	0.0	41.8	0.0	200.0	24.3
2010	19,680	6,865	225	504	27,274	42.7	(28.0)	87.5	(86.7)	0.2
2011	19,920	8,457	180	504	29,061	1.2	23.2	(20.0)	0.0	6.6
2012	21,120	9,438	225	3,097	33,880	6.0	11.6	25.0	514.6	16.6
2013	18,400	7,583	155	2,913	29,051	(12.9)	(19.6)	(31.1)	(5.9)	(14.3)
2014	18,400	8,342	180	3,205	30,126	0.0	10.0	16.1	10.0	3.7
2015	21,120	9,033	225	4,320	34,698	14.8	8.3	25.0	34.8	15.2

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 9: The Number of Printed Privately Owned Newspapers and Magazines by Month and Year, 2006 - 2015

Month	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	Number									
January	572,434	340,720	461,391	632,517	418,973	658,123	595,693	586,647	608,048	646,987
February	694,802	357,677	604,447	801,715	498,455	812,390	871,829	665,157	637,540	689,548
March	787,541	392,175	534,186	802,539	567,707	836,280	850,444	648,765	797,760	724,630
April	663,814	357,036	584,023	852,783	617,902	789,167	761,515	628,962	501,706	741,897
May	724,504	365,211	568,159	851,490	604,632	768,373	861,115	671,085	515,936	826,371
June	676,516	427,459	558,389	808,970	608,058	848,233	825,964	641,294	481,969	798,645
July	658,407	376,658	554,682	913,116	625,864	712,975	763,340	658,698	509,934	780,945
August	754,851	483,463	617,680	827,198	589,192	768,248	918,330	717,488	533,694	757,663
September	713,158	397,410	575,578	838,034	633,606	762,816	774,668	632,072	469,059	766,957
October	703,419	577,447	634,043	835,735	557,581	576,388	813,928	612,044	548,909	796,869
November	738,119	434,445	570,150	745,706	588,202	496,411	797,548	649,758	496,359	792,113
December	575,711	319,182	465,416	627,595	555,102	427,923	603,158	471,242	346,288	709,918
Total	8,263,276	4,828,883	6,728,144	9,537,398	6,865,274	8,457,327	9,437,532	7,583,212	6,447,202	9,032,542
	Percent of Total									
January	6.9	7.1	6.9	6.6	6.1	7.8	6.3	7.7	9.4	7.2
February	8.4	7.4	9.0	8.4	7.3	9.6	9.2	8.8	9.9	7.6
March	9.5	8.1	7.9	8.4	8.3	9.9	9.0	8.6	12.4	8.0
April	8.0	7.4	8.7	8.9	9.0	9.3	8.1	8.3	7.8	8.2
May	8.8	7.6	8.4	8.9	8.8	9.1	9.1	8.8	8.0	9.1
June	8.2	8.9	8.3	8.5	8.9	10.0	8.8	8.5	7.5	8.8
July	8.0	7.8	8.2	9.6	9.1	8.4	8.1	8.7	7.9	8.6
August	9.1	10.0	9.2	8.7	8.6	9.1	9.7	9.5	8.3	8.4
September	8.6	8.2	8.6	8.8	9.2	9.0	8.2	8.3	7.3	8.5
October	8.5	12.0	9.4	8.8	8.1	6.8	8.6	8.1	8.5	8.8
November	8.9	9.0	8.5	7.8	8.6	5.9	8.5	8.6	7.7	8.8
December	7.0	6.6	6.9	6.6	8.1	5.1	6.4	6.2	5.4	7.9
Total	100	100	100	100	100	100	100	100	100	100

Source: Information and Communication Technology Statistics Unit, Statistics Botswana



Table 10: Privately Owned Newspapers and Magazines Net Sales (Pula), 2006 - 2015

Month	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	Number									
January	392,453	306,431	710,140	1,028,788	3,186,647	2,893,823	3,881,509	2,837,965	2,073,606	1,958,842
February	441,645	312,205	975,323	1,175,741	3,571,801	3,449,813	3,615,286	2,058,640	2,420,135	1,873,932
March	497,758	346,141	987,664	1,203,103	4,100,713	3,277,294	3,686,678	2,481,614	2,276,847	1,996,141
April	407,146	316,287	1,070,427	1,261,137	4,345,546	3,400,752	3,776,656	2,135,025	1,656,983	1,911,649
May	463,419	357,987	1,091,130	1,276,410	4,436,465	3,498,560	4,028,812	3,189,260	1,727,390	2,127,370
June	394,671	378,947	1,045,520	1,357,492	4,997,284	3,411,179	3,863,449	2,420,023	1,612,306	2,023,951
July	411,179	321,626	1,178,626	1,292,613	4,446,676	3,485,139	3,930,546	2,435,725	1,719,958	2,473,195
August	469,901	420,546	1,243,599	1,436,136	4,863,301	3,476,922	4,275,886	2,759,900	1,997,449	2,279,348
September	455,736	342,162	1,114,352	1,402,042	5,229,182	1,992,258	3,425,863	2,321,429	1,729,617	2,247,143
October	439,286	523,206	1,214,594	835,735	4,118,812	2,348,016	4,022,016	2,648,675	2,060,603	2,458,700
November	458,258	376,393	1,084,030	745,706	4,442,403	414,935	4,138,606	2,685,132	1,931,195	2,341,734
December	372,941	280,038	878,247	627,595	3,731,024	359,478	3,483,780	2,048,637	1,191,640	2,317,738
Total	5,204,393	4,281,969	12,593,652	13,642,498	51,469,854	32,008,169	46,129,085	30,022,024	22,397,730	26,009,743
	Percent of Total									
January	7.5	7.2	5.6	7.5	6.2	9.0	8.4	9.5	9.3	7.5
February	8.5	7.3	7.7	8.6	6.9	10.8	7.8	6.9	10.8	7.2
March	9.6	8.1	7.8	8.8	8.0	10.2	8.0	8.3	10.2	7.7
April	7.8	7.4	8.5	9.2	8.4	10.6	8.2	7.1	7.4	7.3
May	8.9	8.4	8.7	9.4	8.6	10.9	8.7	10.6	7.7	8.2
June	7.6	8.8	8.3	10.0	9.7	10.7	8.4	8.1	7.2	7.8
July	7.9	7.5	9.4	9.5	8.6	10.9	8.5	8.1	7.7	9.5
August	9.0	9.8	9.9	10.5	9.4	10.9	9.3	9.2	8.9	8.8
September	8.8	8.0	8.8	10.3	10.2	6.2	7.4	7.7	7.7	8.6
October	8.4	12.2	9.6	6.1	8.0	7.3	8.7	8.8	9.2	9.5
November	8.8	8.8	8.6	5.5	8.6	1.3	9.0	8.9	8.6	9.0
December	7.2	6.5	7.0	4.6	7.2	1.1	7.6	6.8	5.3	8.9
Total	100	100	100	100	100	100	100	100	100	100

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 11: Privately Owned Newspapers and Magazines Printed and Their Net Sales, 2011 - 2015

Year/Quarter	Private Newspapers & Magazines				
	Printed		Net Sales (Pula)		
	Number	Percent of Total	Number	Percent of Total	
2011	Q1	2,306,793	27.3	9,620,930	30.1
	Q2	2,405,773	28.4	10,310,491	32.2
	Q3	2,244,039	26.5	8,954,319	28.0
	Q4	1,500,722	17.7	3,122,429	9.8
	Total	8,457,327	100	32,008,169	100.0
2012	Q1	2,317,966	24.6	4,728,807	65.0
	Q2	2,448,594	25.9	1,069,645	14.7
	Q3	2,456,338	26.0	839,601	11.5
	Q4	2,214,634	23.5	638,288	8.8
	Total	9,437,532	100	7,276,341	100.0
2013	Q1	1,900,569	25.1	2,712,395	22.6
	Q2	1,941,341	25.6	3,182,206	26.5
	Q3	2,008,258	26.5	3,156,389	26.3
	Q4	1,733,044	22.9	2,939,481	24.5
	Total	7,583,212	100	11,990,471	100.0
2014	Q1	2,043,348	31.7	7,922,463	25.7
	Q2	1,499,611	23.3	7,660,280	24.9
	Q3	1,512,687	23.5	8,381,965	27.2
	Q4	1,391,556	21.6	6,819,557	22.2
	Total	6,447,202	100	30,784,265	100.0
2015	Q1	2,061,165	22.8	5,828,915	22.4
	Q2	2,366,912	26.2	6,062,969	23.3
	Q3	2,305,565	25.5	6,999,686	26.9
	Q4	2,298,900	25.5	7,118,173	27.4
	Total	9,032,542	100	26,009,743	100.0

Source: Information and Communication Technology Statistics, Statistics Botswana

Table 12: Private Newspaper Employees by Gender and ICT Access, 2011 - 2015

Quarter/ Month Year	Male					Female					
	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	
	Numbers										
2011	176	154	154	145	140	142	117	115	106	106	
2012	208	169	149	129	129	176	125	125	112	112	
2013	115	105	94	91	9	135	134	107	114	20	
2014 Q1	256	175	183	96	133	189	126	113	55	91	
Q2	248	166	168	82	120	184	131	110	55	89	
Q3	249	172	164	91	119	178	128	107	54	83	
Q4	250	174	165	73	111	177	127	107	56	84	
2015 Jan	352	251	218	113	203	286	194	164	90	140	
Feb	351	250	218	112	202	288	196	166	92	142	
Mar	351	250	218	112	202	286	194	164	90	140	
Apr	353	251	219	113	203	286	194	164	90	140	
May	354	253	221	115	205	288	196	166	92	142	
Jun	355	253	221	115	205	289	197	167	93	142	
Jul	358	253	221	115	205	284	197	167	93	142	
Aug	358	253	221	115	205	283	196	166	92	142	
Sep	351	272	220	128	198	282	195	165	91	140	
Oct	349	264	212	132	196	276	189	159	91	134	
Nov	352	265	213	133	197	279	191	161	93	137	
Dec	353	266	214	134	198	280	192	162	94	137	
		Percentage of Total									
2015 Jan	100	71.3	61.9	32.1	57.7	100	67.8	57.3	31.5	49.0	
Feb	100	71.2	62.1	31.9	57.5	100	68.1	57.6	31.9	49.3	
Mar	100	71.2	62.1	31.9	57.5	100	67.8	57.3	31.5	49.0	
Apr	100	71.1	62.0	32.0	57.5	100	67.8	57.3	31.5	49.0	
May	100	71.5	62.4	32.5	57.9	100	68.1	57.6	31.9	49.3	
Jun	100	71.3	62.3	32.4	57.7	100	68.2	57.8	32.2	49.1	
Jul	100	70.7	61.7	32.1	57.3	100	69.4	58.8	32.7	50.0	
Aug	100	70.7	61.7	32.1	57.3	100	69.3	58.7	32.5	50.2	
Sep	100	77.5	62.7	36.5	56.4	100	69.1	58.5	32.3	49.6	
Oct	100	75.6	60.7	37.8	56.2	100	68.5	57.6	33.0	48.6	
Nov	100	75.3	60.5	37.8	56.0	100	68.5	57.7	33.3	49.1	
Dec	100	75.4	60.6	38.0	56.1	100	68.6	57.9	33.6	48.9	

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

APPENDIX IV: Radio & Television



Table 13: Public and Private Radio Broadcasting Hours, 2011 - 2015

Year/Quarter	Programme						
	General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English	
2011	Q1	7,935	207	246	714	5,079	3,951
	Q2	7,935	207	246	714	5,079	3,951
	Q3	7,935	207	246	714	5,079	3,951
	Q4	7,935	207	246	714	5,079	3,951
2012	Q1	2,645	69	82	238	1,693	1,317
	Q2	2,645	69	82	238	1,693	1,317
	Q3	2,645	69	82	238	1,693	1,317
	Q4	2,645	69	82	238	1,693	1,317
2013	Q1	8,280	324	396	540	4,920	4,284
	Q2	8,304	327	396	540	4,920	4,284
	Q3	8,328	326	396	540	4,920	4,284
	Q4	8,328	326	396	540	4,920	4,284
2014	Q1	5,463	197	239	389	3,307	2,801
	Q2	5,475	198	239	389	3,307	2,801
	Q3	5,487	197	239	389	3,307	2,801
	Q4	5,487	197	239	389	3,307	2,801
2015	Q1	4,721	204	198	816	1,686	1,815
	Q2	4,718	204	198	816	1,686	1,815
	Q3	4,722	204	198	816	1,686	1,815
	Q4	4,720	204	198	816	1,686	1,815

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 14: Public and Private Radio Employees by Gender and ICT Access, 2011 - 2015

Year/ Quarter	Male					Female					
	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	
Numbers											
2011 Q4	58	58	58	18	-	42	30	30	12	-	
2012 Q4	48	48	48	24	24	42	38	38	26	26	
2013 Q4	202	199	199	144	144	167	161	161	115	115	
2014 Q1	77	51	51	33	33	36	34	34	22	22	
Q2	55	33	33	33	33	22	22	22	22	22	
Q3	56	33	33	33	33	22	22	22	22	22	
Q4	20	20	20	20	20	11	11	11	11	11	
2015 Q1	49	48	48	0	48	49	47	47	0	47	
Q2	49	48	48	0	48	52	50	50	0	50	
Q3	50	50	50	0	50	52	50	50	0	50	
Q4	51	50	50	0	50	52	50	50	0	50	
Percent of Total											
2011 Q4	100	100	100	31.0	-	100	71.4	71.4	28.6	-	
2012 Q4	100	100	100	50.0	50.0	100	90.5	90.5	61.9	61.9	
2013 Q4	100	98.5	98.5	71.3	71.3	100	96.4	96.4	68.9	68.9	
2014 Q1	100	66.2	66.2	42.9	42.9	100	94.4	94.4	61.1	61.1	
Q2	100	60.0	60.0	60.0	60.0	100	100	100	100	100	
Q3	100	58.9	58.9	58.9	58.9	100	100	100	100	100	
Q4	100	100	100	100	100	100	100	100	100	100	
2015 Q1	100	98.0	98.0	0.0	98.0	100	95.9	95.9	0.0	95.9	
Q2	100	98.0	98.0	0.0	98.0	100	96.2	96.2	0.0	96.2	
Q3	100	100	100	0.0	100	100	96.2	96.2	0.0	96.2	
Q4	100	98.0	98.0	0.0	98.0	100	96.2	96.2	0.0	96.2	

Source: Information and Communications Technology Statistics Unit, Statistics Botswana



Table 15: Television Weekly Broadcasting Hours, 2011 - 2015

Year/Quarter	Programme						
	General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English	
2011	Q1	1,416	24	48	24	528	888
	Q2	1,416	24	48	24	528	888
	Q3	1,416	24	48	24	528	888
	Q4	1,416	24	48	24	528	888
2012	Q1	638	180	48	84	136	260
	Q2	638	180	48	84	136	260
	Q3	638	180	48	84	136	260
	Q4	638	180	48	84	136	260
2013	Q1	1,920	1,578	48	535	918	3,552
	Q2	1,920	1,578	48	1,536	918	3,576
	Q3	1,920	1,548	48	700	948	3,600
	Q4	1,920	1,548	48	1,151	918	3,576
2014	Q1	1,279	1,578	48	608	918	3,552
	Q2	1,279	1,578	48	2,138	918	3,576
	Q3	1,279	1,548	48	825	918	3,600
	Q4	1,279	1,548	48	1,487	918	3,576
2015	Q1	2,642	527	48	23	524	2,644
	Q2	2,667	528	48	24	525	2,690
	Q3	2,691	528	48	24	523	2,696
	Q4	2,710	528	48	23	523	2,717

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 16: Public Television Employees by Gender and ICT Access, 2011 - 2015

Year/ Quarter	Male					Female				
	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website
	Numbers									
2011 Q4	77	77	77	77	77	75	75	75	75	75
2012 Q4	91	91	85	91	85	114	114	87	114	87
2013 Q4	345	315	282	273	27	403	400	321	340	60
2014 Q1	45	45	29	24	21	64	62	34	42	20
Q2	41	41	29	20	21	64	63	34	43	20
Q3	46	44	29	23	21	73	72	34	52	20
Q4	46	43	29	22	21	77	76	34	56	20
2015 Q1	36	34	34	20	0	85	83	44	57	0
Q2	36	34	34	20	0	85	83	44	57	0
Q3	36	34	34	20	0	85	83	44	57	0
Q4	36	34	34	20	0	85	83	44	57	0
	Percentage of Total									
2011 Q4	100	100	100	100	100	100	100	100	100	100
2012 Q4	100	100	93.4	100	93.4	100	100	76.3	100	76.3
2013 Q4	100	91.3	81.7	79.1	7.8	100	99.3	79.7	84.4	14.9
2014 Q1	100	100	64.4	53.3	46.7	100	96.9	53.1	65.6	31.3
Q2	100	100	70.7	48.8	51.2	100	98.4	53.1	67.2	31.3
Q3	100	95.7	63.0	50.0	45.7	100	98.6	46.6	71.2	27.4
Q4	100	93.5	63.0	47.8	45.7	100	98.7	44.2	72.7	26.0
2015 Q1	100	94.4	94.4	55.6	0.0	100	97.6	51.8	67.1	0.0
Q2	100	94.4	94.4	55.6	0.0	100	97.6	51.8	67.1	0.0
Q3	100	94.4	94.4	55.6	0.0	100	97.6	51.8	67.1	0.0
Q4	100	94.4	94.4	55.6	0.0	100	97.6	51.8	67.1	0.0

Source: Information and Communications Technology Statistics Unit, Statistics Botswana



APPENDIX V: ICT Development Index (IDI)



Table 17: Botswana ICT Development Index (IDI), 2012 - 2015

Year	IDI	Regional Rank	Global Rank
2015	4.07	5	109
2014	3.82	6	111
2013	4.01	5	104
2012	3.94		100

Source: International Telecommunications Union (ITU)

APPENDIX IX: Definitions



1.1 Radio

A radio is a device capable of receiving broadcasting radio signals, using popular frequencies such as FM, AM, LW and SW. It includes a radio set intergraded in a car or an alarm clock but excludes radios integrated with a mobile phone, a digital audio player.

1.2 Television

A TV (Television) is a stand – alone device capable of receiving broadcasting television signals, using popular access means such as over – the – air , cable and satellite. It excludes TV functionality intergraded with another device, such as a computer or a mobile.

1.3 Fixed Telephone

Fixed telephone lines refer to a telephone line connecting a customer's terminal equipment (e.g. telephone set, facsimile machine) to the public switched telephone network (PSTN) and which has a dedicated port on a telephone exchange. This term is synonymous with the terms main station or Direct Exchange Line (DEL) that are commonly used in telecommunication documents. It may not be the same as an access line or a subscriber.

1.4 Mobile Cellular Phone

A mobile cellular phone refers to a portable telephone subscribing to a public mobile telephone service using cellular technology, which provides access to the PSTN. This includes analogue and digital cellular systems, as well as IMT-2000 (3G). Users of both post-paid subscriptions and pre-paid accounts are included.

1.5 Internet

A world-wide public computer network which provides access to a number of communication services including services including the World – Wide Web and carries email, news, entertainment and data files. Access may be any device enabling internet access (not only a computer). It may also be by mobile phone. PDA, Games Machine, Digital TV etc.

1.6 Broadband

Connection to the internet at speed equal to/ or greater than 256 kilobits per second, as the sum of capacity in both directions.

1.7 Digital Subscriber Line (DSL)

Technologies that provide digital data transmission.

1.8 Asymmetric Digital Subscriber line (ADSL)

DSL with different speed for upstream and downstream.

1.9 Intranet

Refers to a network using the same protocol as the internet and allowing communication within an organization. It is typically set up behind a firewall to control access.

1.10 Extranet

An extranet is a private, secure extension of an internet running on Internet protocol. It allows selected external users to access some parts of an organization's intranet.

1.11 Website

Location on the wide world web identified by a web address. Collection of web files on a particular subject that includes a beginning file called a home page. Information is encoded with specific languages (Hypertext mark – up language (HTML), XML, Java) readable with a web browser, like Netscape's Navigator or Microsoft's Internet Explorer.

1.12 Local fixed telephone traffic (minutes)

It consists of effective (completed) fixed telephone line traffic exchanged within the local charging area in which the calling station is situated. This is the area within which one subscriber can call another on payment of the local charge (if applicable). This indicator should be reported in the number of minutes.

1.13 National (fixed) trunk telephone traffic (minutes)

National (fixed) trunk (toll) traffic consists of effective (completed) fixed national telephone traffic exchange with a station outside the local charging area of the calling station. The indicator should be reported as the number of minutes of traffic.

1.14 International outgoing fixed telephone traffic (minutes)

This covers the effective (completed) fixed traffic originating in a given country to destinations outside that country. The indicator should be reported as the number of minutes of traffic.

1.15 International incoming fixed telephone traffic (minutes)

Effective (completed) fixed traffic originating outside the country with a destination inside the country. The indicator should be reported as the number of minutes of traffic.



1.16 Outgoing national mobile minutes

Total number of minutes made by mobile subscribers within a country (including minutes to fixed lines and minutes to other mobile subscribers).

1.17 SMS Traffic

Total number of mobile Short Message Service (SMS) sent, both to national and international destinations

