



Information & Communications Technology Statistics Report 2016



STATISTICS BOTSWANA



Information & Communications Technology Statistics Report 2016

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

December 2017

ISBN No: 978-99968-498-7-9

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

PREFACE	I
ABBREVIATIONS	II
EXECUTIVE SUMMARY	1
1. Introduction	1
2. Telecommunication	1
2.1 Fixed Telephone Lines and Mobile Cellular Telephone Subscriptions	1
2.2 Internet Subscription	2
2.3 Telephone Traffic	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	17
Appendix III: Print media	24
Appendix IV: Radio and Television	32
Appendix V: ICT Development Index (IDI)	41
Appendix IX: Definitions	43

Preface

This report presents Botswana Information and Communications Technology Statistics for the period 2016. 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).



Dr. Burton Mguni
Acting Statistician General
December 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

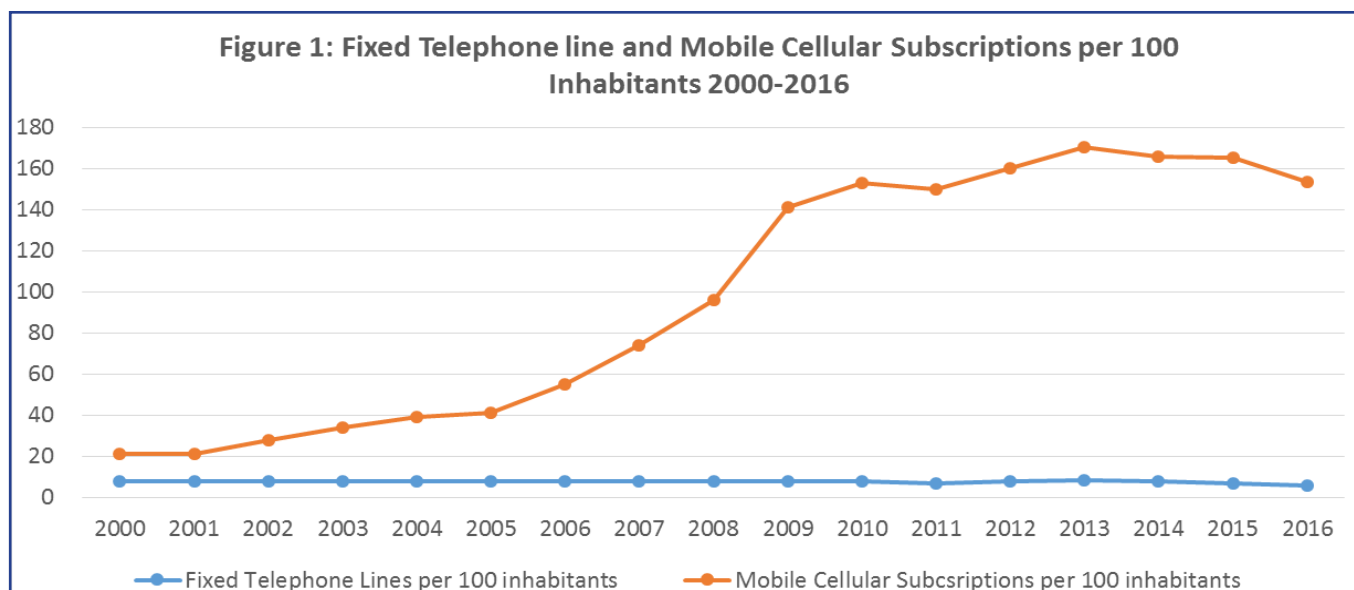
This report covers statistics for the year 2016 relating to Telecommunication, Print Media, Broadcasting (radio and television) and Postal Services.

2. TELECOMMUNICATION

2.1 Fixed Telephone Lines and Mobile Cellular Telephone Subscriptions

Subscriptions for fixed telephone lines decreased by 11.4 percent, from 160,490 in 2015 to 142,122 in 2016. Tele-density (the number of fixed telephone lines per 100 inhabitants) did not vary much since 2002; it decreased from 7 lines per 100 persons in 2015 to 6 lines per 100 persons in 2016.

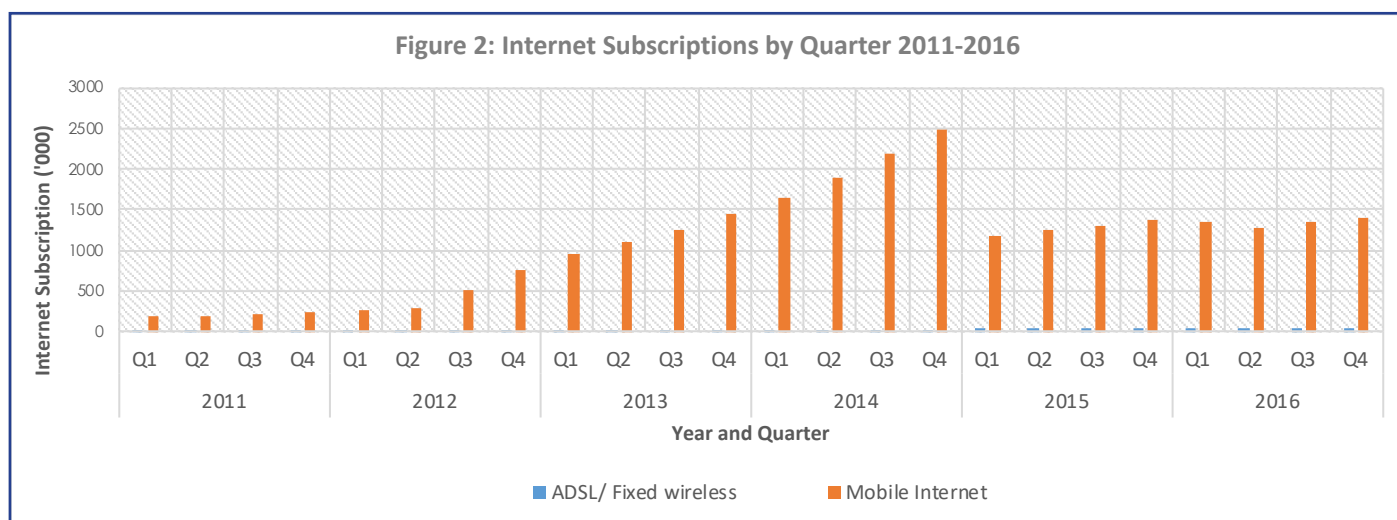
When compared to the previous year, mobile cellular telephone subscriptions decreased in 2016. They declined by 5.4 percent in 2016; from 3,475,327 in 2015 to 3,288,986 in 2016. This decrease resulted from the reduction in pre-paid mobile cellular telephone subscriptions which constituted 97.6 percent of total mobile cellular telephone subscriptions in 2016. Pre-paid mobile cellular telephone subscriptions numbered 3,209,519 while post-paid mobile cellular telephone subscriptions were 79,467. Mobi-density (the number of mobile cellular subscriptions per 100 inhabitants) decreased from 158 subscriptions per 100 inhabitants in 2015 to 147.4 subscriptions per 100 inhabitants in 2016. **Table 1** and **Table 2** in **Appendix 1** and **Figure 1** below show the details.



2.2 Internet Subscription

On the basis of new information, internet subscriptions data relating to the year 2015, has been revised. The new data shows that mobile internet subscriptions decreased by 44.5 percent in 2015 after registering 1,384,146 subscriptions in 2015 from 2,496,146 subscriptions recorded in 2014. ADSL/Fixed Wireless internet subscriptions on the other hand increased by 32.2 percent from 27,867 recorded in 2014 to 36,845 subscriptions in 2015.

Looking at the year under review, 2016, internet subscriptions (for both fixed broadband and mobile broadband) went up by 2.1 percent in 2016, from 1,420,991 subscriptions in 2015 to 1,451,107 in 2016. This increase resulted from the growth of both mobile internet subscriptions (from 1,384,146 subscriptions in 2015 to 1,409,274 in 2016) and fixed internet subscriptions (from 36,845 in 2015 to 41,833 in 2016).



Assessing internet subscriptions quarter-to-quarter changes in 2016, a fluctuation movement is observed. Q1 2016 observed a reduction of 1.7 percent in internet subscriptions from Q4 2015. Q2 2016 also registered a decrease of 6.2 percent in internet subscription from Q1 2016. Q3 2016 and Q4 2016 on the other hand registered increases in internet subscriptions from their respective previous quarters. They each increased by 5.2 percent. This is illustrated in **Figure 2** above and **Table 5** in **Appendix 1**.

Internet subscriptions per 100 inhabitants had a slight increase, from 64.7 subscriptions in 2015 to 65.0 subscriptions in 2016. This is as observed in **Table 1** of **Appendix 1**.

2.3 Telephone Traffic

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

Fixed telephones to fixed telephones domestic calls declined in 2016 as compared to 2015; they reduced from 2,067,470,773 calls recorded in 2015 to 1,995,163,417 calls in 2016. However fixed telephones to mobile cellular telephones calls increased in 2016. They increased from 399,920,925 calls recorded in 2015 to 2,158,781,171 calls in 2016.

On net mobile cellular traffic, off net mobile cellular telephone traffic and mobile cellular telephones to fixed telephones traffic remained constant in the year 2016 as compared to the previous year.

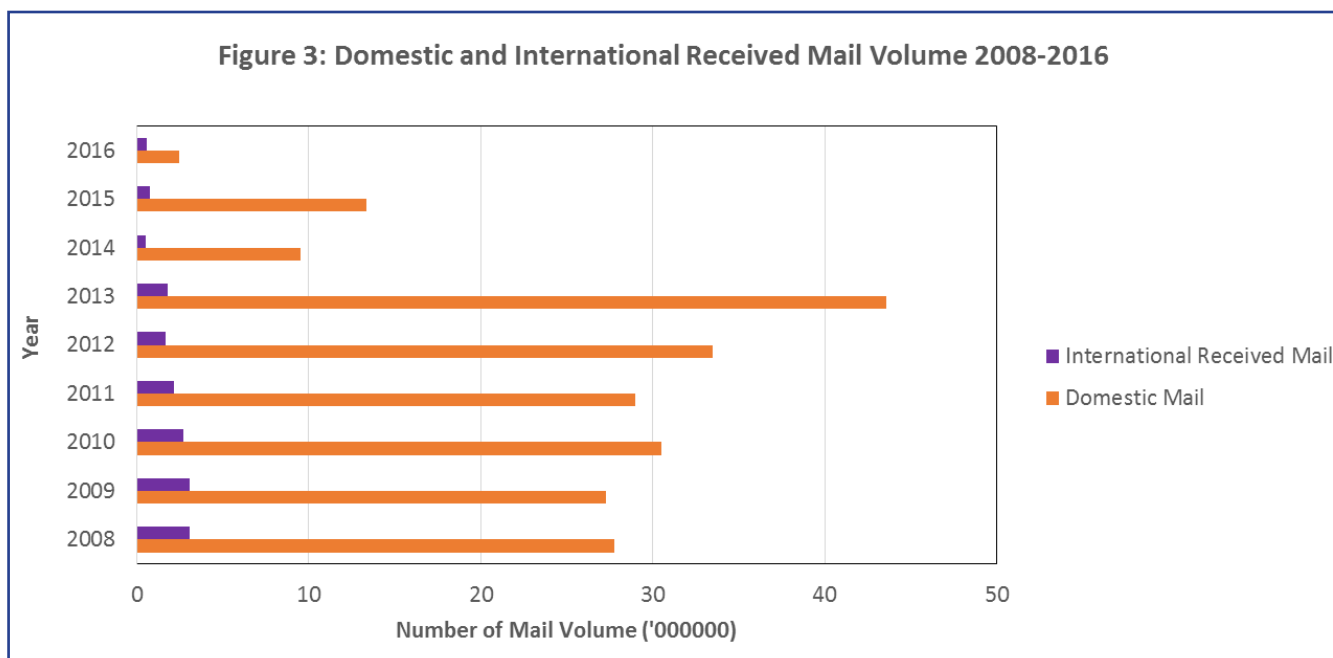
International calls outgoing from fixed telephones decreased by 70.7 percent from 929,767,092 calls in Q4 2015 to 272,672,930 calls recorded over the same period in 2016. Outgoing calls from mobile cellular telephones remained constant for both the last quarters of 2015 and 2016.

A constant movement was observed for both on net and off net SMS traffic in the last quarters of 2015 and 2016. The details are shown in **Tables 6 & 7** in **Appendix I**.

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 8** in **Appendix II**. International mail received decreased by 27.6 percent in 2016 while international mail dispatched decreased by 5.4 percent. Domestic mail also experienced a high decrease rate of 81.8 percent in 2016, declining from 13,366,595 letters in 2015 to 2,432,117 letters in 2016. Mail volume trends are as shown in **Table 8** 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 0.7 percent in 2016, from 18,815 parcels dispatched in 2015 to 18,684 parcels in 2016. Foreign received parcels increased by 117.8 percent in 2016 after registering 6,855 parcels in 2016 from 3,148 parcels in 2015.

Registered items posted increased by 0.05 percent in 2016, from 400,217 items recorded in 2015 to 400,411 items recorded in 2016. Foreign received items increased by 0.4 percent in 2016; from 24,057 items in 2015 to 24,157 items in 2016.

Domestic dispatched EMS items decreased by 10.1 percent in 2016; from 8,710 items recorded in 2015 to 7,832 items in 2016. Both dispatched and received EMS items increased in 2016. Foreign dispatched express mail items increased by 43.9 percent while foreign received EMS items increased by 21.6 percent compared to the previous year. The details are as shown in **Tables 9 & 10** of **Appendix II**.

3.3 Unrecorded Mail Items

Letter/cards dispatched and received decreased by 92.8 percent in 2016, from 8,361,903 items recorded in 2015 to 604,438 items in 2016. Printed matter went down by 63 percent in 2016, it recorded 5,387,135 items in 2015 and 1,993,528 items in 2016. On the other hand small packets declined by 18 percent in 2016, from 52,930 items recorded in 2015 to 43,403 items in 2016. See **Tables 11 & 12** 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).

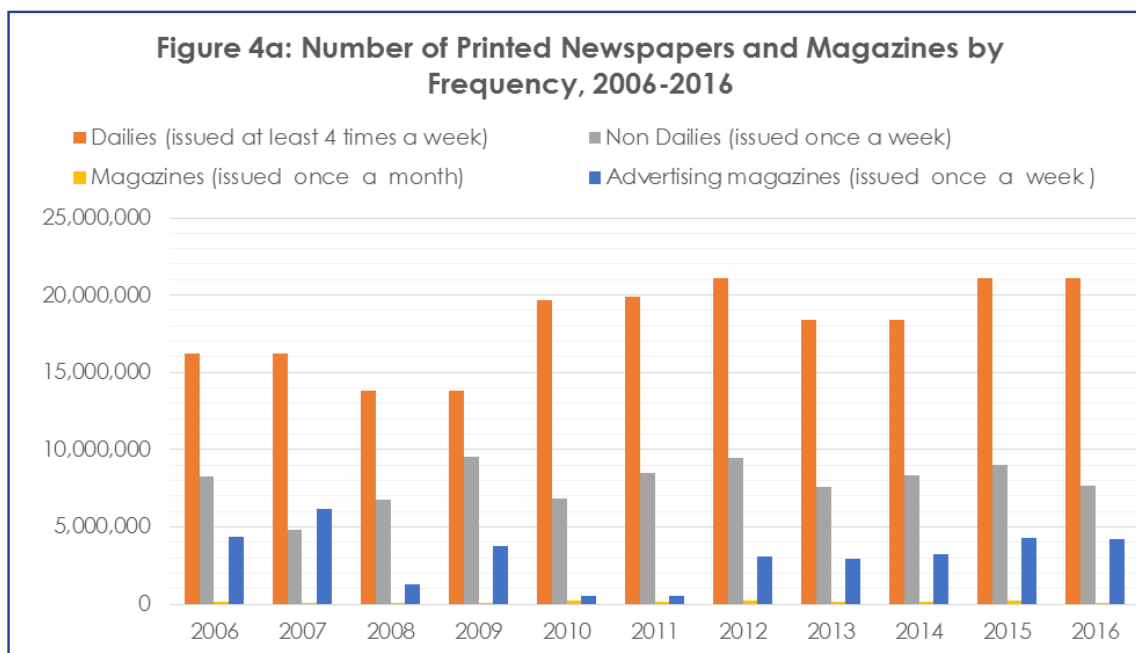
4.1 Printed Newspapers/Magazines by Frequency

The number of printed newspapers and magazines for the period 2006 to 2016 are shown in **Table 14** in **Appendix III**. Printed Dailies remained the same in 2016 as in the previous year while printed Non-dailies decreased by 15 percent. Printed Magazines issued once a month and those issued once a week (advertising magazines) went down in 2016; they decreased by 46.7 percent and 3.3 percent respectively as compared to the year 2015.

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 decreased again in 2010 to 6.9 million papers. In 2016, printed Non-Dailies decreased to 7.7 million as compared to 9 million papers printed in 2015.

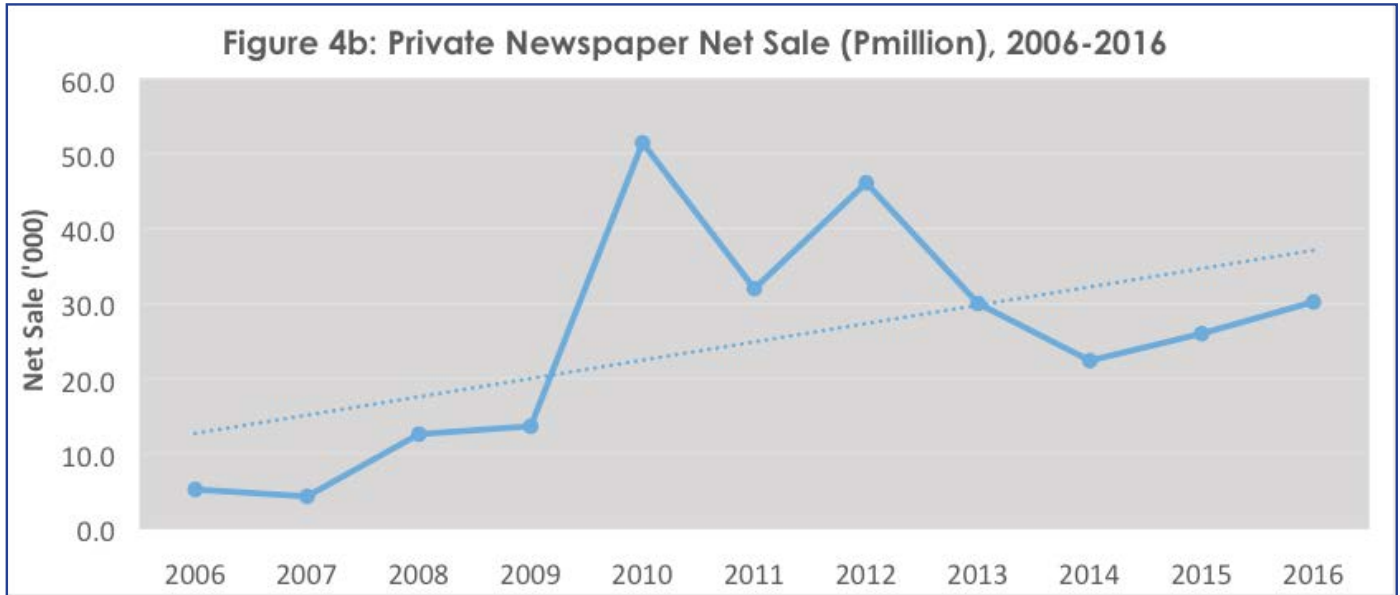
The trend for printed magazines issued once a month has been fairly stable over the ten year period while that for those issued weekly has been fluctuating.

Printed magazines issued once a month decreased to 120,000 issues in 2016 from 225,000 issues printed in 2015. Advertising magazines issued once a week also decreased to 4,176,000 in 2016 from 4,320,000 magazines printed in 2015, translating to 3.33 percent decrease. The details are as shown in **Table 14** 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 2016. 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 increased by 16 percent (P4 million); from 26 million sales registered in 2015 to 30 million sales in 2016.



Private newspaper net sales increased by 16.3 percent to P30 million in 2016 from P26 million recorded in 2015. Refer to **Tables 16-18 in Appendix III** for details.

4.3 ICT Usage by Private Newspaper Employees

There was wide usage of computers, intranet, and internet among private newspaper employees during 2016. Among the employees of private newspapers in 2016, males had more usage of computers, intranet and internet than their female counterparts. As of December 2016, 84.5 percent of males used computers while 81.1 percent of females used computers. Eighty two point five (82.5) percent of newspaper male employees used internet while 81.1 percent of female employees used the internet. Males also had more access to the websites than did female employees. See **Table 20** in the Appendix for details.

5. RADIO AND TELEVISION

5.1 Public and Private Radio Station Broadcasting Hours

Table 5.1 below and **Table 22** in the Appendix, display public and private radio weekly broadcasting hours by quarter from 2011 to 2016. In 2016, the figures suggest that programs that are highly broadcasted are General programs followed by English and Setswana programs. In Q4 of 2016, 4,720 hours were used for broadcasting General programs while 1,560 hours were used for broadcasting English programs. Setswana programs followed with 1,056 broadcasting hours. The least covered in terms of hours are Religious programs and Instructional/ Special programs.

Table 5.1: Public and Private Radio Weekly Broadcasting Hours by Quarter, 2016

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Broadcasting Programme					
General Programmes	4,464	4,718	4,722	4,720	18,624
Religious Programmes	144	144	144	144	576
Instructional/ Special Programmes	219	219	219	219	876
Commercial / Advertising Programmes	834	834	834	834	3,336
Setswana Programmes	1,056	1,056	1,056	1,056	4,224
English Programmes	1,560	1,560	1,560	1,560	6,240

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, female employees have higher usage as compared to male employees. As of Q4 of 2016, 93.5 percent of males used computers while 94.7 percent of females used computers. Females also had more access to the intranet and the websites as compared to male employees, recording 82.7 percent for each of intranet and websites access. All radio employees had access to the internet in Q4 of 2016. This is shown in **Tables 23 & 24** of **Appendix IV**.

5.3 Television Broadcasting Hours

Television weekly broadcasting hours for the year 2016 are shown in **Table 5.2** below and **Tables 25 & 26** in the Appendix. The two tables indicate that English programs had the highest broadcasting hours in 2016 followed by General programs while Instructional/ Special programs were the least covered.

Table 5.2: Television Weekly Broadcasting Hours by Quarter, 2016

Broadcasting Programme	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
General Programmes	2,630	2,635	2,610	2,610	10,485
Religious Programmes	550	558	548	548	2,204
Instructional/ Special Programmes	54	54	54	54	216
Commercial / Advertising Programmes	573	576	576	573	2,298
Setswana Programmes	517	517	517	517	2,066
English Programmes	2,628	2,652	2,653	2,653	10,587

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 2016, with female employees having the highest usage of computers and intranet than their male counterparts. In Q4 2016, 99 percent of television female employees used computers, an increase of 1.4 percentage points from the 2015 percentage. Usage of computers by male television employees remained constant from Q1 2016 to Q3 2016 and was the same as in the previous year; at 94.4 percent of the total. Females also dominated in the use of the intranet, 82.9 percent of them used intranet in the last quarter of the year which is an increase of 15.8 percentage points from the previous year proportion of 67.1 percent. With respect to male usage, 70.4 percent of males used the intranet in 2016, showing an increase of 14.8 percentage points from 55.6 percent recorded in the previous year. However, males dominated in the use of internet; 77.8 percent of males used the internet in Q4 2016 though it showed a decrease of 16.6 percentage points from 2015 while 47.1 percent of females used it and registering a decrease of 4.7 percentage points from the previous year. See the details in **Table 28** 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 2.8 percent during the period 2006 to 2016. 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 and 2016. The growth of the sector in real terms reduced from 7.1 percent recorded in 2015 to 6.7 percent in 2016. See **Table 6.1** below.

Table 6.1: Contribution of Communication & Postal Services To Gross Domestic Product, 2006 - 2016

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	74,720.9	1332.8	1.8	33.0	67,996.1	1257	1.8	26.3
2009	73,462.3	1605.4	2.2	20.5	62,792.8	1420	2.3	13.0
2010	86,867.5	1930.5	2.2	20.3	68,170.1	1605	2.4	13.0
2011	104,979.8	2173.8	2.1	12.6	72,293.3	1732	2.4	7.9
2012	109,870.4	2393.5	2.2	10.1	75,514.8	1864	2.5	7.6
2013	125,158.3	2644.3	2.1	10.5	84,080.7	2018	2.4	8.3
2014	145,868.4	3058.3	2.1	15.7	87,569.5	2214	2.5	9.7
2015	145,923.5	3465.2	2.4	13.3	86,080.8	2372	2.8	7.1
2016	169,687.9	3956.6	2.3	14.2	89,775.1	2531	2.8	6.7

Source: National Accounts, Statistics Botswana



APPENDIX I: Telecommunications



Table 1: Information & Communication Technology Infrastructure and Access, 2005 - 2016

ICT Infrastructure and Access										
	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	1,420,991	64.7	36,845	1.7	1,384,146	63.1
2016	142,122	6.0	3,288,986	147.4	1,451,107	65.0	41,833	1.9	1,409,274	63.0
Annual Percentage Change										
2005	3.6	-	9.3	6.5	(0.3)	-	...	...	...	...
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	30.0	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	-	(43.7)	(44.7)	32.2	30.8	(44.5)	(45.2)
2016	(11.4)	(14.3)	(5.4)	(7)	2.1	0.4	13.5	11.8	1.8	(0.1)

Source: Botswana Communications Regulatory Authority (BOCRA)

Note: "..." denotes no data

"-" denotes zero

2015 Revised figures

Table 2: Telephone Subscriptions, 2012 - 2016

Year	Telephone Subscriptions							
	Mobile Cellular			Fixed Telephone	Mobile Cellular			Fixed Telephone
	Pre-Paid	Post Paid	Total		Pre-Paid	Post Paid	Total	
	Numbers			Annual Percentage Change				
2012	3,017,884	63,842	3,081,726	160,488	...	...	...	...
2013	3,169,148	77,639	3,246,787	174,165	0.95	1.61	0.97	1.90
2014	3,328,284	82,223	3,410,507	169,236	6.08	0.65	5.94	0.25
2015	3,395,758	79,569	3,475,327	160,490	1.02	1.82	1.04	(7.19)
2016	3,209,519	79,467	3,288,986	142,122	0.47	(1.50)	0.42	0.12

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 3: Telephone Subscriptions by Quarter, 2012 - 2016

		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)
2016	Q1	3,379,127	81,204	3,460,331	161,641	(0.49)	2.05	(0.43)	0.72
	Q2	3,176,217	77,984	3,254,201	163,719	(6.00)	(3.97)	(5.96)	1.29
	Q3	3,194,444	80,678	3,275,122	141,954	0.57	3.45	0.64	(13.29)
	Q4	3,209,519	79,467	3,288,986	142,122	0.47	(1.50)	0.42	0.12

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 4: Internet Subscriptions, 2011 - 2016

Year	Internet Subscriptions					
	ADSL/ Fixed wireless	Mobile Internet	Total	ADSL/ Fixed wireless	Mobile Internet	Total
	Numbers			Annual Percentage Change		
2011	15,707	238,942	254,649	8.52	6.45	6.57
2012	18,838	769,805	788,643	3.70	50.96	49.34
2013	27,819	1,444,207	1,472,026	9.92	14.66	14.57
2014	27,867	2,496,146	2,524,013	3.84	14.66	14.53
2015	36,845	1,384,146	1,420,991	1.58	6.83	6.69
2016	41,833	1,409,274	1,451,107	6.79	5.13	5.17

Source: Botswana Communications Regulatory Authority

Note: 2015 Revised figures

Table 5: Internet Subscriptions by Quarter, 2011 - 2016

Year/Quarter	Internet Subscriptions						
	ADSL/ Fixed wireless	Mobile Internet	Total	ADSL/ Fixed wireless	Mobile Internet	Total	
	Numbers			Quarterly Percentage Change			
2011	Q1	14,082	189,803	203,885	...	...	...
	Q2	14,419	200,198	214,617	2.39	5.48	5.26
	Q3	14,474	224,474	238,948	0.38	12.13	11.34
	Q4	15,707	238,942	254,649	8.52	6.45	6.57
2012	Q1	16,298	263,131	279,429	3.76	10.12	9.73
	Q2	17,204	294,548	311,752	5.56	11.94	11.57
	Q3	18,166	509,926	528,092	5.59	73.12	69.39
	Q4	18,838	769,805	788,643	3.70	50.96	49.34
2013	Q1	19,388	958,074	977,462	2.92	24.46	23.94
	Q2	23,224	1,098,523	1,121,747	19.79	14.66	14.76
	Q3	25,309	1,259,561	1,284,870	8.98	14.66	14.54
	Q4	27,819	1,444,207	1,472,026	9.92	14.66	14.57
2014	Q1	22,740	1,655,921	1,678,661	(18.26)	14.66	14.04
	Q2	24,800	1,898,671	1,923,471	9.06	14.66	14.58
	Q3	26,836	2,177,007	2,203,843	8.21	14.66	14.58
	Q4	27,867	2,496,146	2,524,013	3.84	14.66	14.53
2015	Q1	34,435	1,188,640	1,223,075	23.57	(52.38)	(51.54)
	Q2	35,641	1,245,994	1,281,635	3.50	4.83	4.79
	Q3	36,272	1,295,663	1,331,935	1.77	3.99	3.92
	Q4	36,845	1,384,146	1,420,991	1.58	6.83	6.69
2016	Q1	37,366	1,360,236	1,397,602	1.41	(1.73)	(1.65)
	Q2	38,622	1,272,521	1,311,143	3.36	(6.45)	(6.19)
	Q3	39,174	1,340,549	1,379,723	1.43	5.35	5.23
	Q4	41,833	1,409,274	1,451,107	6.79	5.13	5.17

Source: Botswana Communications Regulatory Authority

Note: "... " denotes no data
2015 Revised figures

Table 6: Domestic and International Telephone Traffic (Minutes), 2012 - 2016

Year	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	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	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	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	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
2016	1,995,163,417	2,158,781,171	525,492,538	176,298,042	9,356,236	272,672,930	-	15,426,446	209,840,809	157,962,098

Source: Botswana Communications Regulatory Authority

Note: "-" denotes zero

Table 7: Domestic and International Telephone Traffic by Quarter (Minutes), 2012 - 2016

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
2016 Q1	34,965,488	6,949,306	480,585,051	154,869,695	8,737,525	4,953,934	-	13,161,451	157,239,036	93,681,272
Q2	1,331,557,873	2,041,660,546	653,014,162	262,630,413	9,703,623	306,014,551	-	14,112,699	183,691,703	138,911,604
Q3	2,042,864,630	2,110,094,413	476,676,551	125,662,178	8,352,695	296,405,140	-	12,267,683	184,225,029	164,463,245
Q4	1,995,163,417	2,158,781,171	525,492,538	176,298,042	9,356,236	272,672,930	-	15,426,446	209,840,809	157,962,098

Source: Botswana Communications Regulatory Authority

Note: "-" denotes zero



APPENDIX II: Postal Services

Table 8: Mail Volume Trend, 1998 - 2016

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
2016	566,848	104,711	2,432,117	2,231	2,541	4,693	109,015

Source: Botswana Postal Services

Table 9: Recorded Mail Items (Priority and Non-Priority), 2011 - 2016

Year	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	18,590	840	19,430	16,431	325,445	20,616	346,061	19,960	-	8,533	8,533	3,899	414,314
2012	20,527	994	21,521	14,496	258,822	21,532	280,354	19,438	-	8,674	8,674	5,567	350,050
2013	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	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	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
2016	18,398	286	18,684	6,855	335,641	64,770	400,411	24,157	7,832	2,401	10,233	1,967	429,328

Source: Botswana Postal Services

Note: "-" denotes zero

Table 10: Recorded Mail Items (Priority and Non-Priority), 2011 - 2016

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
2016													
Q1	4,936	102	5,038	902	89,838	17,474	107,312	5,312	1,860	498	2,358	583	114,708
Q2	4,790	142	4,932	2,620	89,801	17,645	107,446	6,599	1,382	664	2,046	419	114,424
Q3	4,680	35	4,715	2,345	76,688	15,740	92,428	5,987	2,291	759	3,050	325	100,193
Q4	3,992	7	3,999	988	79,314	13,911	93,225	6,259	2,299	480	2,779	640	100,003
Total	18,398	286	18,684	6,855	335,641	64,770	400,411	24,157	7,832	2,401	10,233	1,967	429,328

Source: Botswana Postal Services

Note: "-" denotes zero



Table 11: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2016

Year	Letter/Cards						Printed Matter						Small Packets						Grand Total
	Dispatched			Received From Abroad	Total	Dispatched			Received From Abroad	Total	Dispatched			Received From Abroad	Total				
	Domestic	Foreign	Total			Domestic	Foreign	Total			Domestic	Foreign	Total						
2011	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	973	14,123	15,096	30,943,849			
2012	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	1,284	17,540	18,824	35,407,901			
2013	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	4,555	22,929	27,484	45,538,383			
2014	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	42,860	9,761,692			
2015	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	52,930	13,801,968			
2016	379,082	23,735	402,817	201,621	604,438	1,657,470	13,021	1,670,491	323,037	1,993,528	33,694	498	34,192	9,211	43,403	2,641,369			

Source: Botswana Postal Services

Note: "-" denotes zero

Table 12: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2016

	Letter/Cards						Printed Matter						Small Packets						
	Dispatched			Received From Abroad			Dispatched			Received From Abroad			Dispatched			Received From Abroad			
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total	
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	10,145	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	13,418	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	9,557	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	9,740	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	33694	498	34,192	8,668	42,860	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	12,871	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	15,717	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	11,933	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	12,409	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	42263	836	43,099	9,831	52,930	13,801,968			
2016																			
Q1	198,360	3,840	202,200	84,424	286,624	650,900	8,588	659,488	61,714	721,202	8550	81	8,631	2,057	10,688	1,018,514			
Q2	56,444	5,985	62,429	22,798	85,227	459,877	1,392	461,269	54,029	515,298	10054	253	10,307	3,111	13,418	613,943			
Q3	2,349	7,755	10,104	1,582	11,686	265,477	1,677	267,154	34,068	301,222	8123	26	8,149	1,408	9,557	322,465			
Q4	121,929	6,155	128,084	92,817	220,901	281,216	1,364	282,580	173,226	455,806	6967	138	7,105	2,635	9,740	686,447			
Total	379,082	23,735	402,817	201,621	604,438	1,657,470	13,021	1,670,491	323,037	1,993,528	33694	498	34,192	9,211	43,403	2,641,369			

Source: Botswana Postal Services

Note: "-" denotes zero

Table 13: Revenue Generated from Postal Services by Month, 2016

Month	Revenue (Pula)									
	EMS Income Domestic	Bag Rental Income	Sale of Stamps	Sale of Boxes and Keys	Hybrid Mail	Bulk Posted	Franked Mail	Boxes & Bag Rental Penalty	Government Mail	Boxes Rental Income
January	559,000	152,000	380,000	58,000	1,905,156	3,350,000	106,634	1,078,000	616,281	1,594,000
February	761,000	97,000	455,000	51,000	589,911	3,285,000	138,616	569,000	621,709	1,305,000
March	969,984	105,000	472,000	52,000	2,452,777	3,668,000	147,382	463,000	615,192	1,314,000
April	722,239	139,000	524,000	46,000	471,947	2,338,000	159,111	-	664,739	1,394,000
May	616,916	164,000	525,000	51,000	1,183,792	2,677,000	178,128	-	539,423	1,422,000
June	685,380	165,000	563,000	49,000	1,593,594	2,633,000	97,072	-	667,498	1,447,000
July	563,479	199,000	333,000	43,000	2,412,522	2,782,000	102,797	-	556,212	1,469,000
August	685,805	200,000	285,000	31,000	849,683	2,144,000	165,347	-	571,182	893,000
September	627,030	200,000	272,000	50,000	762,325	2,309,000	194,000	-	658,469	950,000
October	885,327	198,000	291,000	44,000	944,970	3,919,000	150,000	2,000	590,381	1,530,000
November	679,000	200,000	326,000	40,000	1,258,328	3,592,000	199,016	-	573,373	1,694,000
December	509,000	205,000	180,000	64,000	790,000	2,967,000	152,000	-	565,000	1,630,000
Total	8,264,160	2,024,000	4,606,000	579,000	15,215,005	35,664,000	1,790,103	2,112,000	7,239,459	16,642,000
Percent of Total										
January	6.8	7.5	8.3	10.0	12.5	9.4	6.0	51.0	8.5	9.6
February	9.2	4.8	9.9	8.8	3.9	9.2	7.7	26.9	8.6	7.8
March	11.7	5.2	10.2	9.0	16.1	10.3	8.2	21.9	8.5	7.9
April	8.7	6.9	11.4	7.9	3.1	6.6	8.9	-	9.2	8.4
May	7.5	8.1	11.4	8.8	7.8	7.5	10.0	-	7.5	8.5
June	8.3	8.2	12.2	8.5	10.5	7.4	5.4	-	9.2	8.7
July	6.8	9.8	7.2	7.4	15.9	7.8	5.7	-	7.7	8.8
August	8.3	9.9	6.2	5.4	5.6	6.0	9.2	-	7.9	5.4
September	7.6	9.9	5.9	8.6	5.0	6.5	10.8	-	9.1	5.7
October	10.7	9.8	6.3	7.6	6.2	11.0	8.4	0.1	8.2	9.2
November	8.2	9.9	7.1	6.9	8.3	10.1	11.1	-	7.9	10.2
December	6.2	10.1	3.9	11.1	5.2	8.3	8.5	-	7.8	9.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Botswana Postal Services

Note: "-" denotes zero



APPENDIX III: Print Media

Table 14: The Number of Private & Government Owned Newspapers/Magazines Printed by Type and Year, 2006 - 2016

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
2016	21,120	7,675	120	4,176	33,091	0.0	-15.0	-46.7	-3.3	-4.6

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 15: The Number of Printed Privately Owned Newspapers and Magazines by Month and Year, 2006 - 2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Month	Number										
January	572,434	340,720	461,391	632,517	418,973	658,123	595,693	586,647	608,048	646,987	599,487
February	694,802	357,677	604,447	801,715	498,455	812,390	871,829	665,157	637,540	689,548	624,453
March	787,541	392,175	534,186	802,539	567,707	836,280	850,444	648,765	797,760	724,630	729,693
April	663,814	357,036	584,023	852,783	617,902	789,167	761,515	628,962	501,706	741,897	678,641
May	724,504	365,211	568,159	851,490	604,632	768,373	861,115	671,085	515,936	826,371	651,729
June	676,516	427,459	558,389	808,970	608,058	848,233	825,964	641,294	481,969	798,645	676,374
July	658,407	376,658	554,682	913,116	625,864	712,975	763,340	658,698	509,934	780,945	676,430
August	754,851	483,463	617,680	827,198	589,192	768,248	918,330	717,488	533,694	757,663	630,559
September	713,158	397,410	575,578	838,034	633,606	762,816	774,668	632,072	469,059	766,957	638,659
October	703,419	577,447	634,043	835,735	557,581	576,388	813,928	612,044	548,909	796,869	621,124
November	738,119	434,445	570,150	745,706	588,202	496,411	797,548	649,758	496,359	792,113	617,604
December	575,711	319,182	465,416	627,595	555,102	427,923	603,158	471,242	346,288	709,918	530,275
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	7,675,028
	Percent of Total										
January	6.9	7.1	6.9	6.6	6.1	7.8	6.3	7.7	9.4	7.2	7.8
February	8.4	7.4	9.0	8.4	7.3	9.6	9.2	8.8	9.9	7.6	8.1
March	9.5	8.1	7.9	8.4	8.3	9.9	9.0	8.6	12.4	8.0	9.5
April	8.0	7.4	8.7	8.9	9.0	9.3	8.1	8.3	7.8	8.2	8.8
May	8.8	7.6	8.4	8.9	8.8	9.1	9.1	8.8	8.0	9.1	8.5
June	8.2	8.9	8.3	8.5	8.9	10.0	8.8	8.5	7.5	8.8	8.8
July	8.0	7.8	8.2	9.6	9.1	8.4	8.1	8.7	7.9	8.6	8.8
August	9.1	10.0	9.2	8.7	8.6	9.1	9.7	9.5	8.3	8.4	8.2
September	8.6	8.2	8.6	8.8	9.2	9.0	8.2	8.3	7.3	8.5	8.3
October	8.5	12.0	9.4	8.8	8.1	6.8	8.6	8.1	8.5	8.8	8.1
November	8.9	9.0	8.5	7.8	8.6	5.9	8.5	8.6	7.7	8.8	8.0
December	7.0	6.6	6.9	6.6	8.1	5.1	6.4	6.2	5.4	7.9	6.9
Total	100	100	100	100	100	100	100	100	100	100	100

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 16: Privately Owned Newspapers and Magazines Net Sales (Pula), 2006 - 2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Month	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	1,983,139
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	2,233,009
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	2,254,371
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	3,085,248
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	2,730,675
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	2,508,660
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	3,298,816
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	2,989,096
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	3,146,598
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	2,043,808
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	2,055,663
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	1,912,631
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	30,241,714
	Percent of Total										
January	7.5	7.2	5.6	7.5	6.2	9.0	8.4	9.5	9.3	7.5	6.6
February	8.5	7.3	7.7	8.6	6.9	10.8	7.8	6.9	10.8	7.2	7.4
March	9.6	8.1	7.8	8.8	8.0	10.2	8.0	8.3	10.2	7.7	7.5
April	7.8	7.4	8.5	9.2	8.4	10.6	8.2	7.1	7.4	7.3	10.2
May	8.9	8.4	8.7	9.4	8.6	10.9	8.7	10.6	7.7	8.2	9.0
June	7.6	8.8	8.3	10.0	9.7	10.7	8.4	8.1	7.2	7.8	8.3
July	7.9	7.5	9.4	9.5	8.6	10.9	8.5	8.1	7.7	9.5	10.9
August	9.0	9.8	9.9	10.5	9.4	10.9	9.3	9.2	8.9	8.8	9.9
September	8.8	8.0	8.8	10.3	10.2	6.2	7.4	7.7	7.7	8.6	10.4
October	8.4	12.2	9.6	6.1	8.0	7.3	8.7	8.8	9.2	9.5	6.8
November	8.8	8.8	8.6	5.5	8.6	1.3	9.0	8.9	8.6	9.0	6.8
December	7.2	6.5	7.0	4.6	7.2	1.1	7.6	6.8	5.3	8.9	6.3
Total	100	100	100	100	100	100	100	100	100	100	100

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 17: Privately Owned Newspapers and Magazines Printed and Their Net Sales, 2011 - 2016

Private Newspapers & Magazines		
	Printed	Net Sales (Pula)
Year		
2011	8,457,327	32,008,169
2012	9,437,532	46,129,085
2013	7,583,212	30,022,024
2014	6,447,202	22,397,730
2015	9,032,542	26,009,743
2016	7,675,028	30,241,714

Source: Information and Communication Technology Statistics, Statistics Botswana

Table 18: Privately Owned Newspapers and Magazines Printed and Their Net Sales, 2011 - 2016

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	100.0	32,008,169	100.0
2012	Q1	2,317,966	24.6	11,183,473	24.2
	Q2	2,448,594	25.9	11,668,917	25.3
	Q3	2,456,338	26.0	11,632,294	25.2
	Q4	2,214,634	23.5	11,644,401	25.2
	Total	9,437,532	100.0	46,129,085	100.0
2013	Q1	1,900,569	25.1	7,378,219	24.6
	Q2	1,941,341	25.6	7,744,308	25.8
	Q3	2,008,258	26.5	7,517,054	25.0
	Q4	1,733,044	22.9	7,382,444	24.6
	Total	7,583,212	100.0	30,022,025	100.0
2014	Q1	2,043,348	31.7	6,770,587	30.2
	Q2	1,499,611	23.3	4,996,680	22.3
	Q3	1,512,687	23.5	5,447,025	24.3
	Q4	1,391,556	21.6	5,183,438	23.1
	Total	6,447,202	100.0	22,397,730	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	100.0	26,009,743	100.0
2016	Q1	1,953,633	25.5	6,470,518	21.4
	Q2	2,006,744	26.1	8,324,583	27.5
	Q3	1,945,648	25.4	9,434,510	31.2
	Q4	1,769,003	23.0	6,012,103	19.9
	Total	7,675,028	100.0	30,241,714	100.0

Source: Information and Communication Technology Statistics, Statistics Botswana

Table 19: Private Newspaper Employees by Gender and ICT Access, 2011 - 2016

		Male					Female				
Year	Month	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		250	174	165	73	111	177	127	107	56	84
2015		353	266	214	134	198	280	192	162	94	137
2016		251	212	207	78	207	169	137	137	60	137
		Percentage of Total									
2016	Jan	100	83.6	83.6	33.2	81.9	100	82.6	82.0	34.3	83.1
	Feb	100	84.5	84.5	33.2	82.8	100	82.9	82.3	34.9	83.4
	Mar	100	84.8	84.8	33.3	83.1	100	82.8	82.2	35.1	83.3
	Apr	100	82.4	82.4	31.9	82.4	100	81.2	81.2	35.3	81.2
	May	100	82.3	82.3	32.1	82.3	100	81.6	81.6	34.5	81.6
	Jun	100	82.3	82.3	32.1	82.3	100	81.1	81.1	34.3	81.1
	Jul	100	84.3	84.3	32.6	84.3	100	81.7	81.7	35.4	81.1
	Aug	100	84.4	84.4	32.5	84.4	100	81.6	81.6	35.1	81.6
	Sep	100	84.4	84.4	32.4	84.4	100	81.4	81.4	35.5	82.0
	Oct	100	85.3	83.3	32.1	83.3	100	81.4	81.4	35.5	81.4
	Nov	100	84.5	82.5	31.1	82.5	100	82.4	82.4	35.9	82.4
	Dec	100	84.5	82.5	31.1	82.5	100	81.1	81.1	35.5	81.1

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 20: Private Newspaper Employees by Gender and ICT Access, 2011 - 2016

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	250	174	165	73	111	177	127	107	56	84
2015 Q1	351	250	218	112	202	286	194	164	90	140
Q2	355	253	221	115	205	289	197	167	93	142
Q3	351	272	220	128	198	282	195	165	91	140
Q4	353	266	214	134	198	280	192	162	94	137
2016 Q1	237	201	201	79	197	174	144	143	61	145
Q2	237	195	195	76	195	175	142	142	60	142
Q3	244	206	206	79	206	172	140	140	61	141
Q4	251	212	207	78	207	169	137	137	60	137
Percentage of Total										
2015 Jan	100	83.6	83.6	33.2	81.9	100	82.6	82.0	34.3	83.1
Feb	100	84.5	84.5	33.2	82.8	100	82.9	82.3	34.9	83.4
Mar	100	84.8	84.8	33.3	83.1	100	82.8	82.2	35.1	83.3
Apr	100	82.4	82.4	31.9	82.4	100	81.2	81.2	35.3	81.2
May	100	82.3	82.3	32.1	82.3	100	81.6	81.6	34.5	81.6
Jun	100	82.3	82.3	32.1	82.3	100	81.1	81.1	34.3	81.1
Jul	100	84.3	84.3	32.6	84.3	100	81.7	81.7	35.4	81.1
Aug	100	84.4	84.4	32.5	84.4	100	81.6	81.6	35.1	81.6
Sep	100	84.4	84.4	32.4	84.4	100	81.4	81.4	35.5	82.0
Oct	100	85.3	83.3	32.1	83.3	100	81.4	81.4	35.5	81.4
Nov	100	84.5	82.5	31.1	82.5	100	82.4	82.4	35.9	82.4
Dec	100	84.5	82.5	31.1	82.5	100	81.1	81.1	35.5	81.1

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

APPENDIX IV: Radio & Television

Table 21: Public and Private Radio Broadcasting Hours, 2011 - 2016

Year	Programme					
	General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English
2011	7,935	207	246	714	5,079	3,951
2012	2,645	69	82	238	1,693	1,317
2013	8,328	326	396	540	4,920	4,284
2014	5,487	197	239	389	3,307	2,801
2015	4,720	204	198	816	1,686	1,815
2016	4,720	144	219	834	1,056	1,560

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 22: Public and Private Radio Broadcasting Hours, 2011 - 2016

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
2016	Q1	4,464	144	219	834	1,056	1,560
	Q2	4,718	144	219	834	1,056	1,560
	Q3	4,722	144	219	834	1,056	1,560
	Q4	4,720	144	219	834	1,056	1,560

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 23: Public and Private Radio Employees by Gender and ICT Access, 2011 - 2016

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	58	58	58	18	-	42	30	30	12	-	
2012	48	48	48	24	24	42	38	38	26	26	
2013	202	199	199	144	144	167	161	161	115	115	
2014	20	20	20	20	20	11	11	11	11	11	
2015	51	50	50	0	50	52	50	50	-	50	
2016	62	58	62	48	48	75	71	75	62	62	
	Percent of Total										
2011	100	100	100	31.0	-	100	71.4	71.4	28.6	-	
2012	100	100	100	50.0	50.0	100	90.5	90.5	61.9	61.9	
2013	100	98.5	98.5	71.3	71.3	100	96.4	96.4	68.9	68.9	
2014	100	100.0	100.0	100.0	100.0	100	100.0	100.0	100.0	100.0	
2015	100	98.0	98.0	-	98.0	100	96.2	96.2	-	96.2	
2016	100	93.5	100.0	77.4	77.4	100	94.7	100.0	82.7	82.7	

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Note: "-" denotes zero

Table 24: Public and Private Radio Employees by Gender and ICT Access, 2011 - 2016

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 Q4	20	20	20	20	20	11	11	11	11	11	
2015 Q1	49	48	48	0	48	49	47	47	-	47	
Q2	49	48	48	0	48	52	50	50	-	50	
Q3	50	50	50	0	50	52	50	50	-	50	
Q4	51	50	50	0	50	52	50	50	-	50	
2016 Q1	80	78	61	44	40	106	75	75	63	61	
Q2	81	78	63	44	40	105	71	75	63	61	
Q3	76	71	58	44	40	105	72	76	63	61	
Q4	62	58	62	48	48	75	71	75	62	62	
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 Q4	100	100.0	100.0	100.0	100.0	100	100.0	100.0	100.0	100.0	
2015 Q1	100	98.0	98.0	0.0	98.0	100	95.9	95.9	-	95.9	
Q2	100	98.0	98.0	0.0	98.0	100	96.2	96.2	-	96.2	
Q3	100	100	100	0.0	100	100	96.2	96.2	-	96.2	
Q4	100	98.0	98.0	0.0	98.0	100	96.2	96.2	-	96.2	
2016 Q1	100	97.5	76.3	55.0	50.0	100	70.8	70.8	59.4	57.5	
Q2	100	96.3	77.8	54.3	49.4	100	67.6	71.4	60.0	58.1	
Q3	100	93.4	76.3	57.9	52.6	100	68.6	72.4	60.0	58.1	
Q4	100	93.5	100.0	77.4	77.4	100	94.7	100.0	82.7	82.7	

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Note: "-" denotes zero

Table 25: Television Weekly Broadcasting Hours, 2011 - 2016

Year	Programme					
	General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English
2011	1,416	24	48	24	528	888
2012	638	180	48	84	136	260
2013	1,920	1,548	48	1,151	918	3,576
2014	1,279	1,548	48	1,487	918	3,576
2015	2,710	528	48	23	523	2,717
2016	2,610	548	54	573	517	2,653

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 26: Television Weekly Broadcasting Hours, 2011 - 2016

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
2016	Q1	2,630	550	54	573	517	2,628
	Q2	2,635	558	54	576	517	2,652
	Q3	2,610	548	54	576	517	2,653
	Q4	2,610	548	54	573	517	2,653

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 27: Public Television Employees by Gender and ICT Access, 2011 - 2016

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	77	77	77	77	77	75	75	75	75	75
2012	91	91	85	91	85	114	114	87	114	87
2013	345	315	282	273	27	403	400	321	340	60
2014	46	43	29	22	21	77	76	34	56	20
2015	36	34	34	20	-	85	83	44	57	-
2016	27	27	21	19	19	70	69	33	58	58
	Percent of Total									
2011	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2012	100.0	100.0	93.4	100.0	93.4	100.0	100.0	76.3	100.0	76.3
2013	100.0	91.3	81.7	79.1	7.8	100.0	99.3	79.7	84.4	14.9
2014	100.0	93.5	63.0	47.8	45.7	100.0	98.7	44.2	72.7	26.0
2015	100.0	94.4	94.4	55.6	-	100.0	97.6	51.8	67.1	-
2016	100.0	100.0	77.8	70.4	70.4	100.0	98.6	47.1	82.9	82.9

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Note: "-" denotes zero

Table 28: Public Television Employees by Gender and ICT Access, 2011 - 2016

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 Q4	46	43	29	22	21	77	76	34	56	20	
2015 Q1	36	34	34	20	-	85	83	44	57	-	
Q2	36	34	34	20	-	85	83	44	57	-	
Q3	36	34	34	20	-	85	83	44	57	-	
Q4	36	34	34	20	-	85	83	44	57	-	
2016 Q1	36	34	24	20	13	75	74	39	57	22	
Q2	36	34	24	20	13	75	74	39	57	22	
Q3	34	32	24	19	19	74	72	36	57	57	
Q4	27	27	21	19	19	70	69	33	58	58	
Percent of Total											
2011 Q4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2012 Q4	100.0	100.0	93.4	100.0	93.4	100.0	100.0	76.3	100.0	76.3	
2013 Q4	100.0	91.3	81.7	79.1	7.8	100.0	99.3	79.7	84.4	14.9	
2014 Q4	100.0	93.5	63.0	47.8	45.7	100.0	98.7	44.2	72.7	26.0	
2015 Q1	100.0	94.4	94.4	55.6	-	100.0	97.6	51.8	67.1	-	
Q2	100.0	94.4	94.4	55.6	-	100.0	97.6	51.8	67.1	-	
Q3	100.0	94.4	94.4	55.6	-	100.0	97.6	51.8	67.1	-	
Q4	100.0	94.4	94.4	55.6	-	100.0	97.6	51.8	67.1	-	
2016 Q1	100.0	94.4	66.7	55.6	36.1	100.0	98.7	52.0	76.0	29.3	
Q2	100.0	94.4	66.7	55.6	36.1	100.0	98.7	52.0	76.0	29.3	
Q3	100.0	94.1	70.6	55.9	55.9	100.0	97.3	48.6	77.0	77.0	
Q4	100.0	100.0	77.8	70.4	70.4	100.0	98.6	47.1	82.9	82.9	

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

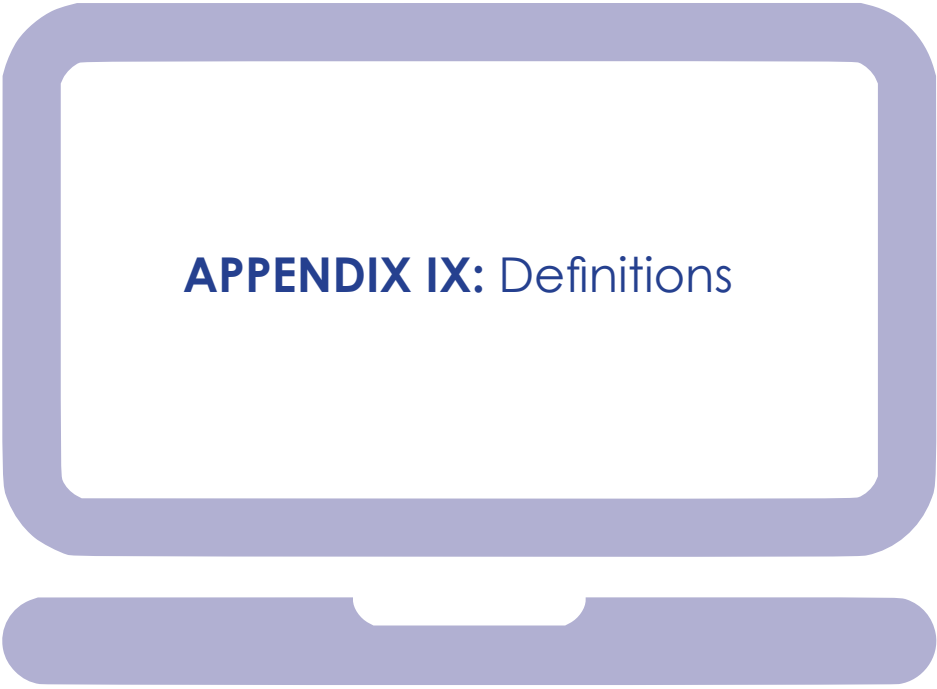
Note: "-" denotes zero

APPENDIX V: ICT Development Index (IDI)

Table 29: Botswana ICT Development Index (IDI), 2012 - 2016

Year	IDI	Regional Rank	Global Rank
2016	4.17	5	108
2015	4.07	5	109
2014	3.82	6	111
2013	4.01	5	104
2012	3.94		100

Source: International Telecommunications Union



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 (Hyper-text 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.

