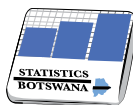




# Information & Communication Technology Statistics 2017



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# **Information & Communication Technology Statistics 2017**

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## PREFACE

This report presents Botswana Information and Communications Technology Statistics for the year 2017. It covers statistics relating to telecommunications, postal services, content and print media as well as the overall contribution of Information and Communications Sector to the economy.

In Telecommunications, a snap view of the results shows that internet subscriptions rose by 9.0 percent in 2017, registering a total of 1,581,855 in 2017 from 1,451,107 subscriptions recorded in 2016. Most of this growth came from mobile internet subscriptions which constituted 96.9 percent of total the internet subscriptions.

Unlike internet subscriptions which increased in 2017, both mobile cellular telephone subscriptions and fixed telephone subscriptions declined. Mobile cellular telephone subscriptions went down from 3,288,986 subscriptions recorded in 2016 to 3,249,903 subscriptions in 2017, registering a fall of 1.2 percent. Fixed telephone subscriptions registered a moderate fall of 0.6 percent as compared to mobile cellular telephone subscriptions.

With regard to Postal Services, international mail received, declined by 9.6 percent while international mail dispatched went up by 5.3 percent in the year under review. Domestic mail also increased by 40.3 percent.

In Print Media, total printed newspapers and magazines increased by 3.3 percent. Printed newspapers issued at least four times a week remained constant while those issued once a week increased by 10.2 percent. Printed advertising magazines issued once a week also increased and registered a growth of 9.2 percent.

Both public and private broadcasters aired mainly general programs in 2017. A total of 16,656 hours were used for broadcasting general programs while English and Setswana programs were aired in 6,240 and 4,224 hours respectively.

The contribution of the Postal and Communication Sector to the economy has been growing over the years. In 2017 the sector contributed P4, 387.8 million in current prices to the economy, which was 2.4 percent of total Gross Domestic Product.

For more information and further enquiries, contact the Directorate of Stakeholder Relations at +267 367 1300. This publication and all other Statistics Botswana outputs or publications are available on the website at [www.statsbots.org.bw](http://www.statsbots.org.bw) and also at the Statistics Botswana Information Resource Center (Head-Office, Gaborone).

Data from different stakeholders was used in the production of this report. Statistics Botswana wishes to recognise and extend gratitude to these stakeholders for the collaboration and the immense input they made in the formulation of the report.

  
 Dr. Burton Mguni  
**Statistician General**  
**November 2018**

## ABBREVIATIONS

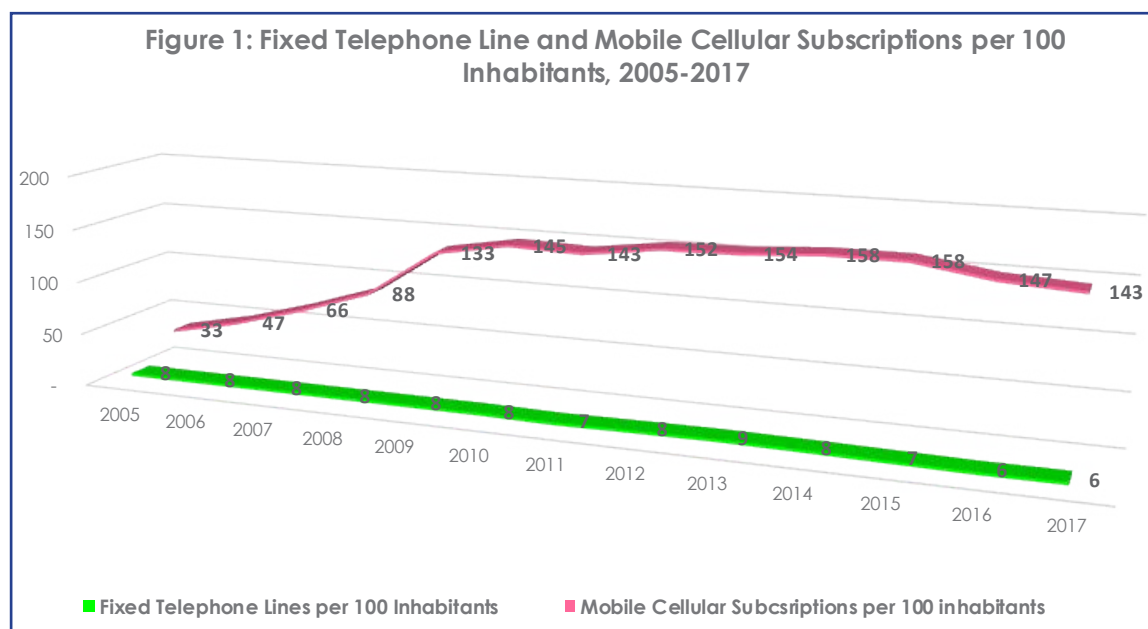
<b>ICT</b>	Information and Communication Technology
<b>ADSL</b>	Asymmetric Digital Subscriber line
<b>ISP</b>	Internet Service Providers
<b>GDP</b>	Gross Domestic Product
<b>BOCRA</b>	Botswana Communications Regulatory Authority
<b>IDI</b>	ICT Development Index

## 1. TELECOMMUNICATION

### 1.1 Fixed Telephone Lines and Mobile Cellular Telephone Subscriptions

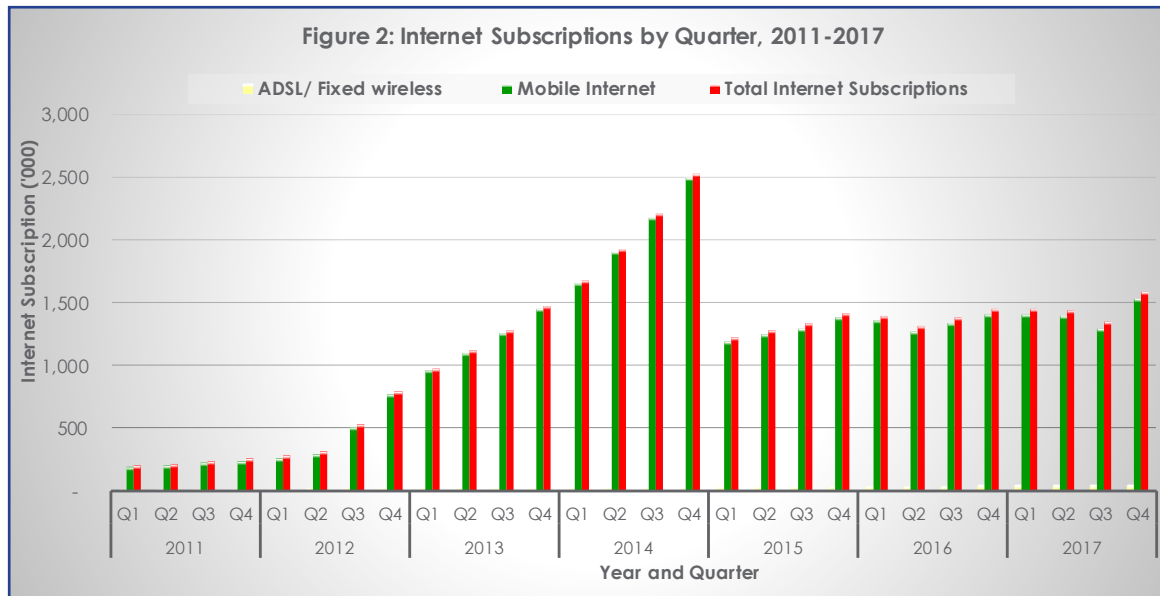
Subscriptions for fixed telephone lines decreased by 0.6 percent in 2017, from 142,122 subscriptions recorded in 2016 to 141,207 subscriptions in 2017. Tele-density (the number of fixed telephone lines per 100 inhabitants) remained constant at 6 lines per 100 persons in both 2016 and 2017.

Mobile cellular telephone subscriptions also recorded a decrease in 2017. They decreased from 3,288,986 subscriptions recorded in 2016 to 3,249,903 subscriptions, registering a fall of 1.2 percent. This reduction resulted from the fall in pre-paid mobile cellular telephone subscriptions which decreased by 1.3 percent. Pre-paid mobile cellular telephone subscriptions constituted 97.5 percent of total mobile cellular telephone subscriptions while post-paid mobile cellular telephone subscriptions contributed 2.5 percent of the total. Mobi-density (the number of mobile cellular telephone subscriptions per 100 inhabitants) decreased from 147.4 subscriptions per 100 inhabitants in 2016 to 143.4 subscriptions per 100 inhabitants in 2017. This is shown in [Table 1](#) and [Table 2](#) in [Appendix 1](#) and [Figure 1](#) below.



### 1.2 Internet Subscription

Internet subscriptions went up by 9 percent, from 1,451,107 subscriptions in 2016 to 1,581,855 in 2017. In 2017, both mobile internet subscriptions and fixed internet subscriptions increased. Mobile internet subscriptions increased by 8.8 percent from 1,409,274 subscriptions in 2016 to 1,532,954 subscriptions in 2017. Fixed internet subscriptions also went up by 16.9 percent, after registering 48,901 in 2017 from 41,833 subscriptions recorded in 2016.



Assessing internet subscriptions quarter-to-quarter changes in 2017, a fluctuation movement is observed. Q1 of 2017 observed a slight reduction of 0.1 percent in internet subscriptions from Q4 of 2016, Q2 of 2017 also registered a decrease of 1.1 percent from Q1 2017. Q3 2017 and Q4 2017 also registered an increase from their respective previous year quarters. Internet subscription decreased by 6.3 percent in Q3 2017 from Q2 2017 while in Q4 2017 it increased by 17.7 percent from Q3 2017. This is illustrated in [Figure 2](#) above and [Table 5](#) in [Appendix 1](#).

Internet subscriptions per 100 inhabitants increased from 65 subscriptions in 2016 to 70 subscriptions in 2017, while mobile internet subscriptions per 100 inhabitants increased to 68 subscriptions in 2017 as compared to 63 subscriptions in 2016. See [Table 1](#) in [Appendix 1](#) for details.

### 1.3 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 2017 compared to 2016; they plummeted from 1,995,163,417 calls recorded in 2016 to 1,925,384,926 calls in 2017. Fixed telephones to mobile cellular telephones calls also recorded a decrease, from 2,158,781,171 calls recorded in 2016 to 1,880,086,902 calls in 2017.

Regarding the on net mobile cellular traffic and off net mobile cellular telephone traffic both registered a decline, while mobile cellular telephones to fixed telephones traffic increased in the year 2017 compared to the previous year.

Outgoing International calls from fixed telephones decreased by 20.4 percent from 272,672,930 calls in 2016 to 217,171,325 calls recorded in 2017. Outgoing calls from mobile cellular telephones decreased from 15,426,446



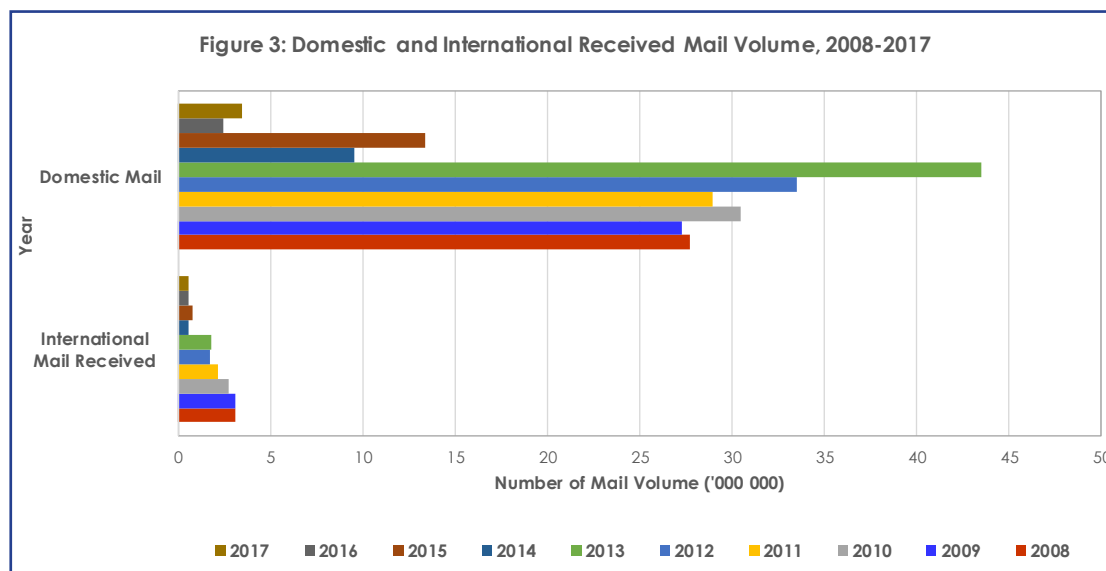
calls recorded in 2016 to 10,825,559 calls in 2017.

In 2017, on net SMS traffic declined compared to 2016, from 209,840,809 minutes recorded in 2016 to 166,743,720 recorded in 2017. However off net SMS traffic increased in 2017, from 157,962,098 minutes recorded in 2016 to 178,144,293 minutes in 2017. The details are shown in [Tables 6 & 7](#) in [Appendix I](#).

## 2. POSTAL SERVICES

### 2.1 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 9.6 percent in 2017 while international mail dispatched increased by 5.3 percent. Domestic mail also experienced an increase in 2017 at the rate of 40.3 percent, from 2,432,117 letters in 2016 to 3,413,145.



### 2.2 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 increased by 53 percent, from 18,684 parcels dispatched in 2016 to 28,585 parcels in 2017. Foreign received parcels decreased by 10.2 percent in 2017 after registering 6,855 parcels in 2016 compared to 6,159 registered in 2017.

Registered mail items posted slumped by 1.6 percent, from 400,411 mail items recorded in 2016 to 394,110 recorded in 2017. Foreign received mail items increased from 24,157 mail items in 2016 to 24,257 mail items in 2017.

Express mail service (EMS) items posted went up by 39 percent in 2017, after registering 16,217 total posted mail items in 2017 compared to 11,665 mail items recorded in 2016. Domestic dispatched express mail items increased by 50.6 percent and foreign dispatched express mail items decreased by 5.8 percent while foreign received EMS items decreased by 21.4 percent compared to the previous year. The details are as shown in [Tables 9 & 10](#) of [Appendix II](#).

### 2.3 Unrecorded Mail Items

All unrecorded mail items showed positive growth in 2017. Letters/cards dispatched and received increased by 47.1 percent while printed matter increased by 32.2 percent. Small packets increased as well registering a growth of 29.4 percent. See **Tables 11 & 12** in **Appendix II**.

## 3. 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).

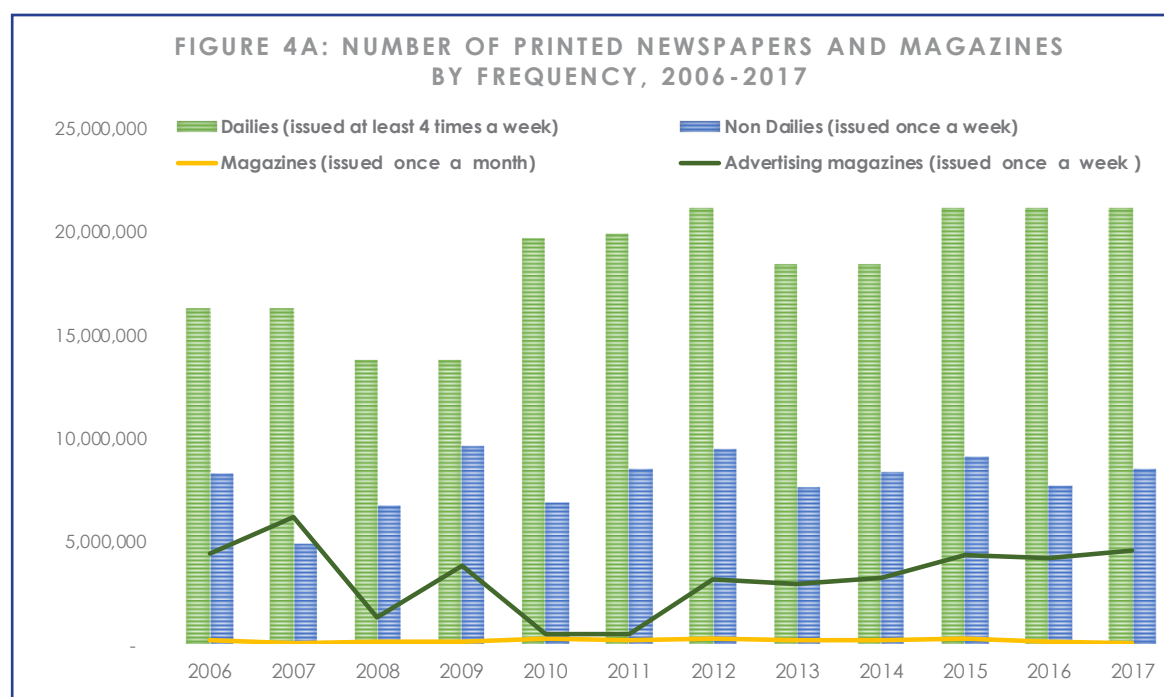
### 3.1 Printed Newspapers and Magazines by Frequency

The number of printed newspapers and magazines for the period 2006 to 2017 are shown in **Table 14** in **Appendix III**. Printed Dailies remained the same in 2017 as in the previous year while printed Non-dailies increased by 10.2 percent. In 2017, Printed Magazines issued once a month went down by 66.7 percent while those issued once a week (advertising magazines) increased by 9.2 percent compared to the year 2016.

Printed Non-Dailies started at 8.3 million papers in 2006 and then declined in the next two years and later increased to 9.5 million papers in 2009. They decreased again in 2010 to reach 6.9 million papers. From 2011, the number of printed non-dailies fluctuated over the years until it they numbered 8.5 million papers in 2017.

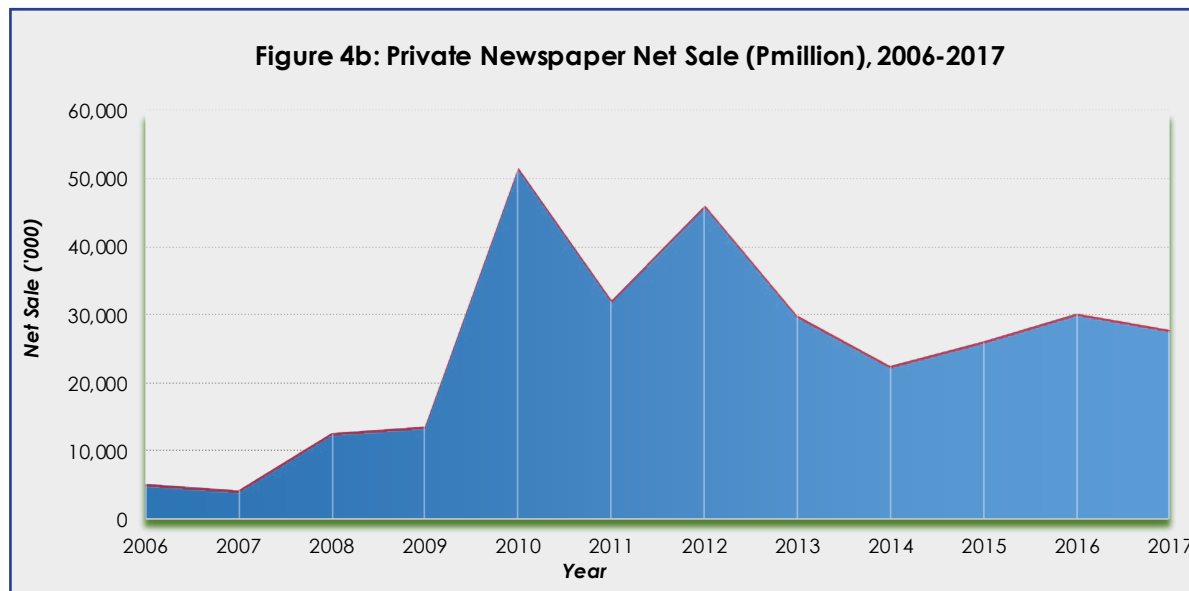
The trend for printed magazines issued once a month has been fairly stable over the ten year period while the trend for magazines issued weekly has been fluctuating.

Printed magazines issued once a month decreased by 66.7 percent, from 120,000 magazines printed in 2016 to 40,000 magazine in 2017. Advertising magazines issued once a week increased by 9.2 percent, from 4,176,000 magazines printed in 2016 to 4,560,000 printed magazines in 2017. See **Figure 4a** below.



### 3.2 Private Newspaper Net Sales

**Figure 4b** gives graphical presentation of net sales of private newspapers from 2006 to 2017. It can be observed that there have been fluctuations in net sales of private newspapers during this period, with net sales having reached a minimum of P4.3 million in 2007 and a maximum of P51.5 million in 2010. The sales dropped to reach 32 million in 2011 and further plummeted to P27.7 million in 2017, with a sales decrease of 8.3 percent (P2.5 million); from 30.2 million sales registered in 2016. Refer to **Tables 16-18** in **Appendix III** for details.



### 3.3 ICT Usage by Private Newspaper Employees

There was wide usage of computers, intranet, and internet among private newspaper employees during 2017. Among the employees of private newspapers in 2017, males had more usage of computers, intranet and internet than their female counterparts. As of December 2017, 82 percent of males used computers compared to 80 percent of females. Eighty point four (80.4) percent of males employed in the Newspaper industry used the internet while 80 percent of female employees used the internet. Females had more access to the websites than did male employees, 60 percent of females had access to website while 56.5 percent of males did. See **Table 20** in the **Appendix III** for details.

## 4. RADIO AND TELEVISION

### 4.1 Public and Private Radio Station Broadcasting Hours

Public and private radio weekly broadcasting hours for the year 2017 are displayed in **Table 4.1** below and **Tables 21** and **22** in the **Appendix IV**. The figures shows that highly broadcasted programs were General programs followed by English and Setswana programs. In 2017, a total of 16,656 hours were used for broadcasting General programs while English and Setswana programs broadcasted a total of 6,240 hours and 4,224 hours respectively. The least covered in terms of hours were Religious programs and Instructional/ Special programs.

**Table 4.1: Public and Private Radio Weekly Broadcasting Hours by Quarter, 2017**

Broadcasting Programme	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
General Programmes	4164	4164	4164	4164	16,656
Religious Programmes	144	144	144	144	576
Instructional/ Special Programmes	108	108	108	108	432
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

#### 4.2 ICT Access by Public and Private Radio Station Employees

Amongst public and private radio employees there is wide access to information and communication technologies. In 2017 male employees had higher usage compared to female employees, all (100 percent) males used computers and the internet while 91.4 percent of females used computers and 96.6 percent of them used the internet. Male employees also had more access to websites than their female counterparts. Access to websites data revealed that 83.3 percent of male employees had access to websites while 70.7 percent of females did. Intranet access was not available to all radio employees in 2017. This is shown in **Table 23** of **Appendix IV**.

#### 4.3 Television Broadcasting Hours

Television weekly broadcasting hours for the year 2017 are shown in **Table 4.2** below and in **Tables 25** and **26** of **Appendix IV**. **Table 4.2** below indicates that in 2017, English programs recorded the highest broadcasting hours compared to other programs. English programs recorded a total of 10,679 broadcasting hours followed by General programs with a total of 10,584 hours, while Instructional/ Special programs were the least covered. Refer to **Tables 25** of **Appendix IV**.

**Table 4.2: Television Weekly Broadcasting Hours by Quarter, 2017**

Broadcasting Programme	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
General Programmes	2705	2563	2658	2658	10,584
Religious Programmes	547	526	550	550	2,173
Instructional/ Special Programmes	54	54	54	54	216
Commercial / Advertising Programmes	527	526	525	525	2,103
Setswana Programmes	517	517	511	511	2,056
English Programmes	2692	2575	2706	2706	10,679

Source: Information and Communication Technology Statistics, Statistics Botswana

#### 4.4 ICT Usage by Television Employees

The use of ICTs among television employees was highest amongst female employees compared to their male counterparts. **Table 27** in **Appendix IV** shows that 98.6 percent of female employees used computers compared to 96.3 percent of their male counterparts. Internet usage was higher among female employees at 97.2 percent compared to 88.9 percent observed for the males. The same trend can be observed under the usage of the website whereby 80.3 percent of females reported its use whilst 70.4 percent was reported for males. **Table 27** further shows that intranet usage was higher for males (3.7 percent) compared to females at 1.4 percent.

## 5. CONTRIBUTION OF POSTAL AND COMMUNICATION SERVICES TO GDP

**Table 5.1** below shows that the contribution of the Postal and Communication Sector to the economy has been growing over the years. In current prices, the sector contributed P4, 387.8 million to the economy in 2017, which was 2.4 percent of total Gross Domestic Product. In real terms, the sector's contribution to the economy stood at P2, 706.3 million, which made up 2.9 percent of total GDP. See **Table 5.1** below for details.

**Table 5.1: Contribution of Communication & Postal Services To Gross Domestic Product, 2006 - 2017**

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	59,106.9	857.5	1.5	16.9	59,106.9	857.5	1.5	15.8
2007	67,152.7	1,002.0	1.5	16.9	63,999.1	995.4	1.6	16.1
2008	74,720.9	1,332.8	1.8	33.0	67,996.1	1,257.2	1.8	26.3
2009	73,462.3	1,605.4	2.2	20.5	62,792.8	1,420.0	2.3	13.0
2010	86,867.5	1,930.5	2.2	20.3	68,170.1	1,605.3	2.4	13.0
2011	104,979.8	2,173.8	2.1	12.6	72,293.3	1,732.0	2.4	7.9
2012	109,870.4	2,393.5	2.2	10.1	75,514.8	1,864.3	2.5	7.6
2013	125,158.3	2,644.3	2.1	10.5	84,080.7	2,018.1	2.4	8.3
2014	145,868.6	3,058.3	2.1	15.7	87,569.5	2,214.2	2.5	9.7
2015	146,065.8	3,465.2	2.4	13.3	86,082.6	2,372.0	2.8	7.1
2016	170,588.9	3,956.6	2.3	14.2	89,797.5	2,530.2	2.8	6.7
2017	180,112.7	4,387.8	2.4	10.9	91,916.8	2,706.3	2.9	7.0

Source: National Accounts, Statistics Botswana

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## APPENDIX I: TELECOMMUNICATIONS

Table 1: Information &amp; Communication Technology Infrastructure and Access, 2005 - 2017

Year	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
	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	158.2	2,524,013	117.1	27,867	1.3	2,496,146	115.8
2015	160,490	7.0	3,475,327	158.3	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	63.2
2017	141,207	6.2	3,249,903	143.4	1,581,855	69.8	48,901	2.2	1,532,954	67.6
	Annual Percentage Change									
2005	...	...	44.4	42.4	32.5	...	...	...	...	...
2006	(3.2)	-	39.8	40.4	24.3	33.3	12.5	-	33.1	33.3
2007	3.7	-	35.1	33.3	19.7	25.0	96.7	100.0	22.5	25.0
2008	3.9	-	53.3	51.1	(0.4)	20.0	151.4	150.0	14.5	20.0
2009	1.3	-	10.6	9.0	26.9	-	12.4	20.0	(1.5)	-
2010	(3.1)	-	9.7	(1.4)	81.4	33.3	19.8	16.7	27.6	16.7
2011	7.1	(12.5)	6.3	6.4	209.7	62.5	31.1	42.9	86.1	57.1
2012	7.3	13.2	5.4	0.9	86.7	200.0	19.9	-	222.2	236.4
2013	8.5	8.5	5.0	3.1	71.5	84.6	47.7	30.0	87.6	83.8
2014	(2.8)	(7.0)	1.9	0	(43.7)	62.6	0.2	(0.6)	72.8	70.3
2015	(5.2)	(12.5)	(5.4)	(6.9)	2.1	(44.7)	32.2	29.9	(44.5)	(45.5)
2016	(11.4)	(14.3)	(1.2)	(2.7)	9.0	0.5	13.5	11.7	1.8	0.1
2017	(0.6)	3.8	(1.2)	(2.7)	9.0	7.3	16.9	15.0	8.8	7.0

Source: Botswana Communications Regulatory Authority (BOCRA)

Note: "..." denotes no data

"-" denotes zero

Table 2: Telephone Subscriptions by Quarter, 2012 - 2017

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	<b>3,081,726</b>	160,488	...	...	...	...
2013	3,169,148	77,639	<b>3,246,787</b>	174,165	5.0	21.6	<b>5.4</b>	8.5
2014	3,328,284	82,223	<b>3,410,507</b>	169,236	5.0	5.9	<b>5.0</b>	(2.8)
2015	3,395,758	79,569	<b>3,475,327</b>	160,490	2.0	(3.2)	<b>1.9</b>	(5.2)
2016	3,209,519	79,467	<b>3,288,986</b>	142,122	(5.5)	(0.1)	<b>(5.4)</b>	(11.4)
2017	3,168,194	81,709	<b>3,249,903</b>	141,207	(1.3)	2.8	<b>(1.2)</b>	(0.6)

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 3: Telephone Subscriptions by Quarter, 2012 - 2017

Year/Quarter		Telephone Subscriptions							
		Mobile Cellular			Fixed Telephone	Mobile Cellular			Fixed Telephone
		Pre-Paid	Post Paid	Total		Pre-Paid	Post Paid	Total	
Numbers				Quarterly Percentage Change					
2012	Q1	2,893,480	59,636	<b>2,953,116</b>	150,549	...	...	...	...
	Q2	2,914,071	61,920	<b>2,975,991</b>	151,360	0.7	3.8	<b>0.8</b>	0.5
	Q3	2,928,017	62,514	<b>2,990,531</b>	159,182	0.5	1.0	<b>0.5</b>	5.2
	Q4	3,017,884	63,842	<b>3,081,726</b>	160,488	3.1	2.1	<b>3.0</b>	0.8
2013	Q1	3,032,563	68,839	<b>3,101,402</b>	162,718	0.5	7.8	<b>0.6</b>	1.4
	Q2	3,047,241	73,836	<b>3,121,077</b>	163,699	0.5	7.3	<b>0.6</b>	0.6
	Q3	3,139,210	76,409	<b>3,215,619</b>	170,910	3.0	3.5	<b>3.0</b>	4.4
	Q4	3,169,148	77,639	<b>3,246,787</b>	174,165	1.0	1.6	<b>1.0</b>	1.9
2014	Q1	3,126,346	78,523	<b>3,204,869</b>	174,992	(1.4)	1.1	<b>(1.3)</b>	0.5
	Q2	3,116,697	79,415	<b>3,196,112</b>	175,674	(0.3)	1.1	<b>(0.3)</b>	0.4
	Q3	3,137,570	81,690	<b>3,219,260</b>	168,817	0.7	2.9	<b>0.7</b>	(3.9)
	Q4	3,328,284	82,223	<b>3,410,507</b>	169,236	6.1	0.7	<b>5.9</b>	0.2
2015	Q1	3,324,654	81,233	<b>3,405,887</b>	169,474	(0.1)	(1.2)	<b>(0.1)</b>	0.1
	Q2	3,334,807	79,851	<b>3,414,658</b>	171,006	0.3	(1.7)	<b>0.3</b>	0.9
	Q3	3,361,527	78,150	<b>3,439,677</b>	172,920	0.8	(2.1)	<b>0.7</b>	1.1
	Q4	3,395,758	79,569	<b>3,475,327</b>	160,490	1.0	1.8	<b>1.0</b>	(7.2)
2016	Q1	3,379,127	81,204	<b>3,460,331</b>	161,641	(0.5)	2.1	<b>(0.4)</b>	0.7
	Q2	3,176,217	77,984	<b>3,254,201</b>	163,719	(6.0)	(4.0)	<b>(6.0)</b>	1.3
	Q3	3,194,444	80,678	<b>3,275,122</b>	141,954	0.6	3.5	<b>0.6</b>	(13.3)
	Q4	3,209,519	79,467	<b>3,288,986</b>	142,122	0.5	(1.5)	<b>0.4</b>	0.1
2017	Q1	3,150,273	76,116	<b>3,226,389</b>	140,873	(1.8)	(4.2)	<b>(1.9)</b>	(0.9)
	Q2	3,144,258	76,574	<b>3,220,832</b>	141,882	(0.2)	0.6	<b>(0.2)</b>	0.7
	Q3	3,013,825	83,092	<b>3,096,917</b>	142,816	(4.1)	8.5	<b>(3.8)</b>	0.7
	Q4	3,168,194	81,709	<b>3,249,903</b>	141,207	5.1	(1.7)	<b>4.9</b>	(1.1)

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 4: Internet Subscriptions by Quarter, 2011 - 2017

Year		Internet Subscriptions							
		ADSL/ Fixed wireless		Mobile Internet	Total	ADSL/ Fixed wireless		Mobile Internet	Total
		Numbers				Annual Percentage Change			
2011	15,707	238,942	<b>254,649</b>	...	...	...	...	...	
2012	18,838	769,805	<b>788,643</b>	19.9	222.2	<b>209.7</b>	...	...	
2013	27,819	1,444,207	<b>1,472,026</b>	47.7	87.6	<b>86.7</b>	...	...	
2014	27,867	2,496,146	<b>2,524,013</b>	0.2	72.8	<b>71.5</b>	...	...	
2015	36,845	1,384,146	<b>1,420,991</b>	32.2	(44.5)	<b>(43.7)</b>	...	...	
2016	41,833	1,409,274	<b>1,451,107</b>	13.5	1.8	<b>2.1</b>	...	...	
2017	48,901	1,532,954	<b>1,581,855</b>	16.9	8.8	<b>9.0</b>	...	...	

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data



Table 5: Internet Subscriptions by Quarter, 2011 - 2017

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	<b>203,885</b>	...	...	...		
	Q2	14,419	200,198	<b>214,617</b>	2.4	5.5	<b>5.3</b>		
	Q3	14,474	224,474	<b>238,948</b>	0.4	12.1	<b>11.3</b>		
	Q4	15,707	238,942	<b>254,649</b>	8.5	6.4	<b>6.6</b>		
2012	Q1	16,298	263,131	<b>279,429</b>	3.8	10.1	<b>9.7</b>		
	Q2	17,204	294,548	<b>311,752</b>	5.6	11.9	<b>11.6</b>		
	Q3	18,166	509,926	<b>528,092</b>	5.6	73.1	<b>69.4</b>		
	Q4	18,838	769,805	<b>788,643</b>	3.7	51.0	<b>49.3</b>		
2013	Q1	19,388	958,074	<b>977,462</b>	2.9	24.5	<b>23.9</b>		
	Q2	23,224	1,098,523	<b>1,121,747</b>	19.8	14.7	<b>14.8</b>		
	Q3	25,309	1,259,561	<b>1,284,870</b>	9.0	14.7	<b>14.5</b>		
	Q4	27,819	1,444,207	<b>1,472,026</b>	9.9	14.7	<b>14.6</b>		
2014	Q1	22,740	1,655,921	<b>1,678,661</b>	(18.3)	14.7	<b>14.0</b>		
	Q2	24,800	1,898,671	<b>1,923,471</b>	9.1	14.7	<b>14.6</b>		
	Q3	26,836	2,177,007	<b>2,203,843</b>	8.2	14.7	<b>14.6</b>		
	Q4	27,867	2,496,146	<b>2,524,013</b>	3.8	14.7	<b>14.5</b>		
2015	Q1	34,435	1,188,640	<b>1,223,075</b>	23.6	(52.4)	<b>-51.5</b>		
	Q2	35,641	1,245,994	<b>1,281,635</b>	3.5	4.8	<b>4.8</b>		
	Q3	36,272	1,295,663	<b>1,331,935</b>	1.8	4.0	<b>3.9</b>		
	Q4	36,845	1,384,146	<b>1,420,991</b>	1.6	6.8	<b>6.7</b>		
2016	Q1	37,366	1,360,236	<b>1,397,602</b>	1.4	(1.7)	<b>(1.7)</b>		
	Q2	38,622	1,272,521	<b>1,311,143</b>	3.4	(6.4)	<b>(6.2)</b>		
	Q3	39,174	1,340,549	<b>1,379,723</b>	1.4	5.3	<b>5.2</b>		
	Q4	41,833	1,409,274	<b>1,451,107</b>	6.8	5.1	<b>5.2</b>		
2017	Q1	45,793	1,404,065	<b>1,449,858</b>	9.5	(0.4)	<b>(0.1)</b>		
	Q2	46,191	1,388,359	<b>1,434,550</b>	0.9	(1.1)	<b>(1.1)</b>		
	Q3	48,811	1,294,764	<b>1,343,575</b>	5.7	(6.7)	<b>(6.3)</b>		
	Q4	48,901	1,532,954	<b>1,581,855</b>	0.2	18.4	<b>17.7</b>		

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 6: Domestic and International Telephone Traffic by Quarter( Minutes), 2012 - 2017

Year	Telephone and Short Message Service Traffic									
	Domestic Calls					International Calls			Short Message Service	
	From Fixed Telephones to Fixed Telephones	From fixed Telephones to Mobile Cellular Telephones	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
2017	1,925,384,926	1,880,086,902	316,560,889	169,337,479	10,077,726	217,171,325	-	10,825,559	166,743,720	178,144,293

Source: Botswana Communications Regulatory Authority

Note: "-" denotes zero

Table 7: Domestic and International Telephone Traffic by Quarter( Minutes), 2012 - 2017

Year/ Quarter		Telephone and Short Message Service Traffic									
		Domestic Calls					International Calls			Short Message Service	
		From Fixed Telephones to Fixed Telephones	From fixed Telephones to Mobile Cellular Telephones	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
<b>2012</b>	<b>Q1</b>	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
	<b>Q2</b>	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
	<b>Q3</b>	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
	<b>Q4</b>	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
<b>2013</b>	<b>Q1</b>	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
	<b>Q2</b>	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
	<b>Q3</b>	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
	<b>Q4</b>	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
<b>2014</b>	<b>Q1</b>	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
	<b>Q2</b>	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
	<b>Q3</b>	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
	<b>Q4</b>	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
<b>2015</b>	<b>Q1</b>	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
	<b>Q2</b>	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
	<b>Q3</b>	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
	<b>Q4</b>	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
<b>2016</b>	<b>Q1</b>	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
	<b>Q2</b>	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
	<b>Q3</b>	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
	<b>Q4</b>	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
<b>2017</b>	<b>Q1</b>	1,996,616,714	2,175,125,352	353,714,166	101,619,312	5,355,226	263,327,903	-	6,945,727	133,355,242	176,904,690
	<b>Q2</b>	1,995,163,417	2,158,781,171	403,115,950	100,591,502	5,587,481	272,672,930	-	7,405,278	124,428,020	106,809,711
	<b>Q3</b>	1,839,716,566	1,862,241,472	604,005,497	157,577,607	9,423,562	238,735,341	-	11,846,344	175,981,585	164,526,833
	<b>Q4</b>	1,925,384,926	1,880,086,902	316,560,889	169,337,479	10,077,726	217,171,325	-	10,825,559	166,743,720	178,144,293

Source: Botswana Communications Regulatory Authority

Note: "-" denotes zero

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**APPENDIX II: POSTAL SERVICES**

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Table 8: Mail Volume Trend, 1998 - 2017

Year	International Mail		Domestic Mail	Population ('000)	International Mail		Domestic Mail per 10,000 Population
	Received	Dispatched			Received per 10,000 Population	Dispatched per 10,000 Population	
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	469	10,901
2017	512,174	110,281	3,413,145	2,267	2,259	486	15,056

Source: Botswana Postal Services

Table 9: Recorded Mail Items (Priority and Non-Priority), 2011 - 2017

Year	Parcels Dispatched				Registered Items Dispatched				Express Mail Service Dispatched				Grand Total
	Domestic	Foreign	Total Posted	Foreign Received	Domestic	Foreign	Total Posted	Foreign Received	Domestic	Foreign	Total Posted	Foreign Received	
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	9,264	2,401	11,665	1,967	463,739
2017	27,547	1,038	28,585	6,159	335,861	58,249	394,110	24,257	13,955	2,262	16,217	1,546	470,875

Source: Botswana Postal Services

Note: "-" denotes zero

Table 10: Recorded Mail Items (Priority and Non-Priority), 2011 - 2017

Year/Quarter	Parcels Dispatched				Registered Items Dispatched				Express Mail Service Dispatched				Grand Total	
	Domestic	Foreign	Total Posted	Foreign Received	Domestic	Foreign	Total Posted	Foreign Received	Domestic	Foreign	Total Posted	Foreign Received		
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
	<b>Total</b>	<b>18,590</b>	<b>840</b>	<b>19,430</b>	<b>16,431</b>	<b>325,445</b>	<b>20,616</b>	<b>346,061</b>	<b>19,960</b>	<b>-</b>	<b>8,533</b>	<b>8,533</b>	<b>3,899</b>	<b>414,314</b>
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
	<b>Total</b>	<b>20,527</b>	<b>994</b>	<b>21,521</b>	<b>14,496</b>	<b>258,822</b>	<b>21,532</b>	<b>280,354</b>	<b>19,438</b>	<b>-</b>	<b>8,674</b>	<b>8,674</b>	<b>5,567</b>	<b>350,050</b>
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
	<b>Total</b>	<b>15,867</b>	<b>9,986</b>	<b>25,853</b>	<b>12,956</b>	<b>277,671</b>	<b>81,809</b>	<b>359,480</b>	<b>19,022</b>	<b>-</b>	<b>9,485</b>	<b>9,485</b>	<b>9,076</b>	<b>435,872</b>
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
	<b>Total</b>	<b>18,198</b>	<b>373</b>	<b>18,571</b>	<b>7,202</b>	<b>268,248</b>	<b>51,672</b>	<b>319,920</b>	<b>19,230</b>	<b>7,020</b>	<b>2,567</b>	<b>9,587</b>	<b>1,722</b>	<b>376,232</b>
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
	<b>Total</b>	<b>18,298</b>	<b>517</b>	<b>18,815</b>	<b>3,148</b>	<b>335,547</b>	<b>64,670</b>	<b>400,217</b>	<b>24,057</b>	<b>8,710</b>	<b>1,669</b>	<b>10,379</b>	<b>1,617</b>	<b>458,233</b>
2016	Q1	4,936	102	5,038	902	89,838	17,474	107,312	5,312	3,292	498	3,790	583	122,937
	Q2	4,790	142	4,932	2,620	89,801	17,645	107,446	6,599	1,382	664	2,046	419	124,062
	Q3	4,680	35	4,715	2,345	76,688	15,740	92,428	5,987	2,291	759	3,050	325	108,850
	Q4	3,992	7	3,999	988	79,314	13,911	93,225	6,259	2,299	480	2,779	640	107,890
	<b>Total</b>	<b>18,398</b>	<b>286</b>	<b>18,684</b>	<b>6,855</b>	<b>335,641</b>	<b>64,770</b>	<b>400,411</b>	<b>24,157</b>	<b>9,264</b>	<b>2,401</b>	<b>11,665</b>	<b>1,967</b>	<b>463,739</b>
2017	Q1	6,869	490	7,359	1,886	89,890	12,317	102,207	5,334	5,826	498	6,324	583	123,694
	Q2	11,922	376	12,298	2,021	89,853	22,898	112,751	6,626	2,045	664	2,709	419	136,824
	Q3	783	91	874	327	76,734	9,101	85,835	6,012	2,589	759	3,348	325	96,721
	Q4	7,973	81	8,054	1,925	79,384	13,933	93,317	6,285	3,494	341	3,835	219	113,636
	<b>Total</b>	<b>27,547</b>	<b>1,038</b>	<b>28,585</b>	<b>6,159</b>	<b>335,861</b>	<b>58,249</b>	<b>394,110</b>	<b>24,257</b>	<b>13,955</b>	<b>2,262</b>	<b>16,217</b>	<b>1,546</b>	<b>470,875</b>

Source: Botswana Postal Services

Note: "-" denotes zero

Table 11: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2017

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 Dispatched			Domestic	Foreign	Total Dispatched			Domestic	Foreign	Total Dispatched			
2011	28,488,942	619,686	29,108,628	1,598,578	<b>30,707,206</b>	134,055	14,577	148,632	72,915	<b>221,547</b>	-	973	<b>973</b>	14,123	<b>15,096</b>	<b>30,943,849</b>
2012	33,188,822	545,652	33,734,474	1,475,314	<b>35,209,788</b>	24,946	9,696	34,642	144,647	<b>179,289</b>	-	1,284	<b>1,284</b>	17,540	<b>18,824</b>	<b>35,407,901</b>
2013	43,256,592	515,678	43,772,270	1,379,898	<b>45,152,168</b>	6,869	8,779	15,648	343,083	<b>358,731</b>	-	4,555	<b>4,555</b>	22,929	<b>27,484</b>	<b>45,538,383</b>
2014	7,908,249	25,516	7,933,765	237,179	<b>8,170,944</b>	1,294,783	9,239	1,304,022	243,866	<b>1,547,888</b>	33,694	498	<b>34,192</b>	8,668	<b>42,860</b>	<b>9,761,692</b>
2015	7,910,531	30,033	7,940,564	421,339	<b>8,361,903</b>	5,051,246	12,921	5,064,167	322,968	<b>5,387,135</b>	42,263	836	<b>43,099</b>	9,831	<b>52,930</b>	<b>13,801,968</b>
2016	379,082	23,735	402,817	201,621	<b>604,438</b>	1,657,470	13,021	1,670,491	323,037	<b>1,993,528</b>	53,037	1,189	<b>54,226</b>	14,056	<b>68,282</b>	<b>2,666,248</b>
2017	720,943	35,102	756,045	132,991	<b>889,036</b>	2,285,537	13,121	2,298,658	336,269	<b>2,634,927</b>	66,605	1,547	<b>68,152</b>	20,223	<b>88,375</b>	<b>3,612,338</b>

Source: Botswana Postal Services

Note: "-" denotes zero

Table 12: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2017

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 Dispatched			Domestic	Foreign	Total Dispatched			Domestic	Foreign	Total Dispatched			
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
	<b>Total</b>	<b>28,488,942</b>	<b>619,686</b>	<b>29,108,628</b>	<b>1,598,578</b>	<b>30,707,206</b>	<b>134,055</b>	<b>14,577</b>	<b>148,632</b>	<b>72,915</b>	<b>221,547</b>	<b>-</b>	<b>973</b>	<b>973</b>	<b>14,123</b>	<b>15,096</b>	<b>30,943,849</b>
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
	<b>Total</b>	<b>33,188,822</b>	<b>545,652</b>	<b>33,734,474</b>	<b>1,475,314</b>	<b>35,209,788</b>	<b>24,946</b>	<b>9,696</b>	<b>34,642</b>	<b>144,647</b>	<b>179,289</b>	<b>-</b>	<b>1,284</b>	<b>1,284</b>	<b>17,540</b>	<b>18,824</b>	<b>35,407,901</b>
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
	<b>Total</b>	<b>43,256,592</b>	<b>515,678</b>	<b>43,772,270</b>	<b>1,379,898</b>	<b>45,152,168</b>	<b>6,869</b>	<b>8,779</b>	<b>15,648</b>	<b>343,083</b>	<b>358,731</b>	<b>-</b>	<b>4,555</b>	<b>4,555</b>	<b>22,929</b>	<b>27,484</b>	<b>45,538,383</b>
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	8,550	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	10,054	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	8,123	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	6,967	138	7,105	2,635	9,740	630,092
	<b>Total</b>	<b>7,908,249</b>	<b>25,516</b>	<b>7,933,765</b>	<b>237,179</b>	<b>8,170,944</b>	<b>1,294,783</b>	<b>9,239</b>	<b>1,304,022</b>	<b>243,866</b>	<b>1,547,888</b>	<b>33,694</b>	<b>498</b>	<b>34,192</b>	<b>8,668</b>	<b>42,860</b>	<b>9,761,692</b>
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	10,720	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	13,054	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	10,081	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	8,408	156	8,564	3,845	12,409	1,039,884
	<b>Total</b>	<b>7,910,531</b>	<b>30,033</b>	<b>7,940,564</b>	<b>421,339</b>	<b>8,361,903</b>	<b>5,051,246</b>	<b>12,921</b>	<b>5,064,167</b>	<b>322,968</b>	<b>5,387,135</b>	<b>42,263</b>	<b>836</b>	<b>43,099</b>	<b>9,831</b>	<b>52,930</b>	<b>13,801,968</b>
2016	Q1	198,360	3,840	202,200	84,424	286,624	650,900	8,588	659,488	61,714	721,202	13,441	109	13,550	2,795	16,345	1,024,171
	Q2	56,444	5,985	62,429	22,798	85,227	459,877	1,392	461,269	54,029	515,298	16,949	592	17,541	3,446	20,987	621,512
	Q3	2,349	7,755	10,104	1,582	11,686	265,477	1,677	267,154	34,068	301,222	12,500	312	12,812	2,205	15,017	327,925
	Q4	121,929	6,155	128,084	92,817	220,901	281,216	1,364	282,580	173,226	455,806	10,147	176	10,323	5,611	15,934	692,641
	<b>Total</b>	<b>379,082</b>	<b>23,735</b>	<b>402,817</b>	<b>201,621</b>	<b>604,438</b>	<b>1,657,470</b>	<b>13,021</b>	<b>1,670,491</b>	<b>323,037</b>	<b>1,993,528</b>	<b>53,037</b>	<b>1,189</b>	<b>54,226</b>	<b>14,056</b>	<b>68,282</b>	<b>2,666,248</b>
2017	Q1	598,880	15,207	614,087	18,175	632,262	1,033,369	8,646	1,042,015	74,899	1,116,914	16,852	128	16,980	3,798	20,778	1,769,954
	Q2	56,044	5,985	62,029	3,824	65,853	459,877	1,405	461,282	54,048	515,330	22,007	707	22,714	5,478	28,192	609,375
	Q3	2,348	7,755	10,103	18,175	28,278	511,075	1,693	512,768	34,080	546,848	15,501	513	16,014	2,759	18,773	593,899
	Q4	121,929	6,155	128,084	92,817	220,901	281,216	1,377	282,593	173,242	455,835	12,246	199	12,445	8,187	20,632	697,368
	<b>Total</b>	<b>720,943</b>	<b>35,102</b>	<b>756,045</b>	<b>132,991</b>	<b>889,036</b>	<b>2,285,537</b>	<b>13,121</b>	<b>2,298,658</b>	<b>336,269</b>	<b>2,634,927</b>	<b>66,605</b>	<b>1,547</b>	<b>68,152</b>	<b>20,223</b>	<b>88,375</b>	<b>3,612,338</b>

Source: Botswana Postal Services  
Note: "-" denotes zero

Table 13: Revenue Generated from Postal Services by Month, 2017

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	637,609	173,375	433,437	66,156	2,173,067	3,821,090	121,629	1,229,593	702,945	1,818,155
February	868,015	110,641	518,984	58,172	672,867	3,746,950	158,109	649,015	709,136	1,488,514
March	1,106,387	119,766	538,375	59,312	2,797,696	4,183,809	168,107	528,109	701,703	1,498,780
April	823,803	158,547	597,687	52,469	538,315	2,666,779	181,486	-	758,217	1,590,030
May	703,669	187,062	598,828	58,172	1,350,261	3,053,450	203,177	-	615,279	1,621,967
June	781,761	188,203	642,171	55,891	1,817,692	3,003,263	110,723	-	761,364	1,650,483
July	642,718	226,984	379,828	49,047	2,751,781	3,173,216	117,252	-	634,429	1,675,577
August	782,246	228,125	325,078	35,359	969,169	2,445,498	188,599	-	651,504	1,018,577
September	715,205	228,125	310,250	57,031	869,526	2,633,701	221,281	-	751,066	1,083,593
October	1,009,825	225,844	331,922	50,187	1,077,855	4,470,105	171,094	2,281	673,403	1,745,155
November	774,484	228,125	371,843	45,625	1,435,279	4,097,121	227,002	-	654,003	1,932,217
December	580,578	233,828	205,312	73,000	901,093	3,384,231	173,375	-	644,453	1,859,217
<b>Total</b>	<b>9,426,299</b>	<b>2,308,623</b>	<b>5,253,714</b>	<b>660,421</b>	<b>17,354,600</b>	<b>40,679,214</b>	<b>2,041,835</b>	<b>2,408,998</b>	<b>8,257,501</b>	<b>18,982,265</b>
	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
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: Botswana Postal Services

Note: "-" denotes zero



### APPENDIX III: PRINT MEDIA

Table 14: The Number of Private &amp; Government Owned Newspapers/ Magazines Printed by Type and Year, 2006 - 2017

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	<b>29,073</b>	...	...	...	...	...
2007	16,250	4,829	10	6,171	<b>27,260</b>	-	(41.6)	(94.4)	40.9	<b>(6.2)</b>
2008	13,790	6,728	120	1,260	<b>21,898</b>	(15.1)	39.3	1100.0	(79.6)	<b>(19.7)</b>
2009	13,790	9,537	120	3,780	<b>27,227</b>	-	41.8	-	200.0	<b>24.3</b>
2010	19,680	6,865	225	504	<b>27,274</b>	42.7	(28.0)	87.5	(86.7)	<b>0.2</b>
2011	19,920	8,457	180	504	<b>29,061</b>	1.2	23.2	(20.0)	-	<b>6.6</b>
2012	21,120	9,438	225	3,097	<b>33,880</b>	6.0	11.6	25.0	514.6	<b>16.6</b>
2013	18,400	7,583	155	2,913	<b>29,051</b>	(12.9)	(19.6)	(31.1)	(5.9)	<b>(14.3)</b>
2014	18,400	8,342	180	3,205	<b>30,126</b>	-	10.0	16.1	10.0	<b>3.7</b>
2015	21,120	9,033	225	4,320	<b>34,698</b>	14.8	8.3	25.0	34.8	<b>15.2</b>
2016	21,120	7,675	120	4,176	<b>33,091</b>	-	(15.0)	(46.7)	(3.3)	<b>(4.6)</b>
2017	21,120	8,461	40	4,560	<b>31,321</b>	-	10.2	(66.7)	9.2	<b>(5.4)</b>

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Note: "..." denotes no data  
 "-" denotes zero

Table 15: The Number of Printed Privately Owned Newspapers by Month and Year, 2006 - 2017

Month	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	Number											
January	572,434	340,720	461,391	632,517	418,973	658,123	595,693	586,647	608,048	646,987	599,487	509,336
February	694,802	357,677	604,447	801,715	498,455	812,390	871,829	665,157	637,540	689,548	624,453	731,187
March	787,541	392,175	534,186	802,539	567,707	836,280	850,444	648,765	797,760	724,630	729,693	784,555
April	663,814	357,036	584,023	852,783	617,902	789,167	761,515	628,962	501,706	741,897	678,641	685,258
May	724,504	365,211	568,159	851,490	604,632	768,373	861,115	671,085	515,936	826,371	651,729	718,277
June	676,516	427,459	558,389	808,970	608,058	848,233	825,964	641,294	481,969	798,645	676,374	735,189
July	658,407	376,658	554,682	913,116	625,864	712,975	763,340	658,698	509,934	780,945	676,430	705,847
August	754,851	483,463	617,680	827,198	589,192	768,248	918,330	717,488	533,694	757,663	630,559	725,559
September	713,158	397,410	575,578	838,034	633,606	762,816	774,668	632,072	469,059	766,957	638,659	730,689
October	703,419	577,447	634,043	835,735	557,581	576,388	813,928	612,044	548,909	796,869	621,124	720,660
November	738,119	434,445	570,150	745,706	588,202	496,411	797,548	649,758	496,359	792,113	617,604	720,751
December	575,711	319,182	465,416	627,595	555,102	427,923	603,158	471,242	346,288	709,918	530,275	694,044
<b>Total</b>	<b>8,263,276</b>	<b>4,828,883</b>	<b>6,728,144</b>	<b>9,537,398</b>	<b>6,865,274</b>	<b>8,457,327</b>	<b>9,437,532</b>	<b>7,583,212</b>	<b>6,447,202</b>	<b>9,032,542</b>	<b>7,675,028</b>	<b>8,461,352</b>
	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	6.0
February	8.4	7.4	9.0	8.4	7.3	9.6	9.2	8.8	9.9	7.6	8.1	8.6
March	9.5	8.1	7.9	8.4	8.3	9.9	9.0	8.6	12.4	8.0	9.5	9.3
April	8.0	7.4	8.7	8.9	9.0	9.3	8.1	8.3	7.8	8.2	8.8	8.1
May	8.8	7.6	8.4	8.9	8.8	9.1	9.1	8.8	8.0	9.1	8.5	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	8.7
July	8.0	7.8	8.2	9.6	9.1	8.4	8.1	8.7	7.9	8.6	8.8	8.3
August	9.1	10.0	9.2	8.7	8.6	9.1	9.7	9.5	8.3	8.4	8.2	8.6
September	8.6	8.2	8.6	8.8	9.2	9.0	8.2	8.3	7.3	8.5	8.3	8.6
October	8.5	12.0	9.4	8.8	8.1	6.8	8.6	8.1	8.5	8.8	8.1	8.5
November	8.9	9.0	8.5	7.8	8.6	5.9	8.5	8.6	7.7	8.8	8.0	8.5
December	7.0	6.6	6.9	6.6	8.1	5.1	6.4	6.2	5.4	7.9	6.9	8.2
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 16: Privately Owned Newspapers Net Sales (Pula) by Month and Year, 2006 - 2017

Month	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	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	1,719,309
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	2,281,211
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	2,763,825
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	2,215,176
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	2,382,270
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	2,396,686
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	2,463,139
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	2,512,412
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	2,533,678
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	2,112,020
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	2,200,536
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	2,158,586
<b>Total</b>	<b>5,204,393</b>	<b>4,281,969</b>	<b>12,593,652</b>	<b>13,642,498</b>	<b>51,469,854</b>	<b>32,008,169</b>	<b>46,129,085</b>	<b>30,022,024</b>	<b>22,397,730</b>	<b>26,009,743</b>	<b>30,241,714</b>	<b>27,738,850</b>
	<b>Percent of Total</b>											
January	7.5	7.2	5.6	7.5	6.2	9.0	8.4	9.5	9.3	7.5	6.6	6.2
February	8.5	7.3	7.7	8.6	6.9	10.8	7.8	6.9	10.8	7.2	7.4	8.2
March	9.6	8.1	7.8	8.8	8.0	10.2	8.0	8.3	10.2	7.7	7.5	10.0
April	7.8	7.4	8.5	9.2	8.4	10.6	8.2	7.1	7.4	7.3	10.2	8.0
May	8.9	8.4	8.7	9.4	8.6	10.9	8.7	10.6	7.7	8.2	9.0	8.6
June	7.6	8.8	8.3	10.0	9.7	10.7	8.4	8.1	7.2	7.8	8.3	8.6
July	7.9	7.5	9.4	9.5	8.6	10.9	8.5	8.1	7.7	9.5	10.9	8.9
August	9.0	9.8	9.9	10.5	9.4	10.9	9.3	9.2	8.9	8.8	9.9	9.1
September	8.8	8.0	8.8	10.3	10.2	6.2	7.4	7.7	7.7	8.6	10.4	9.1
October	8.4	12.2	9.6	6.1	8.0	7.3	8.7	8.8	9.2	9.5	6.8	7.6
November	8.8	8.8	8.6	5.5	8.6	1.3	9.0	8.9	8.6	9.0	6.8	7.9
December	7.2	6.5	7.0	4.6	7.2	1.1	7.6	6.8	5.3	8.9	6.3	7.8
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

**Table 17: Privately Owned Newspapers Printed and Their Net Sales by Year, 2011 - 2017**

	Private Newspapers & Magazines			
	Printed		Net Sales (Pula)	
	Number	Percent of Total	Number	Percent of Total
<b>Year</b>				
<b>2011</b>	8,457,327	100.0	32,008,169	100.0
<b>2012</b>	9,437,532	100.0	7,276,341	100.0
<b>2013</b>	7,583,212	100.0	11,990,471	100.0
<b>2014</b>	6,447,202	100.0	30,784,265	100.0
<b>2015</b>	9,032,542	100.0	26,009,743	100.0
<b>2016</b>	7,675,028	100.0	30,241,714	100.0
<b>2017</b>	8,461,352	100.0	27,738,850	100.0

**Source:** Information and Communication Technology Statistics, Statistics Botswana

Table 18: Privately Owned Newspapers Printed and Their Net Sales by Quarter and Year, 2011 - 2017

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
	<b>Total</b>	<b>8,457,327</b>	<b>100.0</b>	<b>32,008,169</b>	<b>100.0</b>
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
	<b>Total</b>	<b>9,437,532</b>	<b>100.0</b>	<b>7,276,341</b>	<b>100.0</b>
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
	<b>Total</b>	<b>7,583,212</b>	<b>100.0</b>	<b>11,990,471</b>	<b>100.0</b>
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
	<b>Total</b>	<b>6,447,202</b>	<b>100.0</b>	<b>30,784,265</b>	<b>100.0</b>
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
	<b>Total</b>	<b>9,032,542</b>	<b>100.0</b>	<b>26,009,743</b>	<b>100.0</b>
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
	<b>Total</b>	<b>7,675,028</b>	<b>100.0</b>	<b>30,241,714</b>	<b>100.0</b>
2017	Q1	2,025,078	23.9	6,764,345	24.4
	Q2	2,138,724	25.3	6,994,132	25.2
	Q3	2,162,095	25.6	7,509,229	27.1
	Q4	2,135,455	25.2	6,471,143	23.3
	<b>Total</b>	<b>8,461,352</b>	<b>100.0</b>	<b>27,738,850</b>	<b>100.0</b>

Source: Information and Communication Technology Statistics, Statistics Botswana

Table 19: Private Newspaper Employees by Gender and ICT Access, 2011 - 2017

Year	Month	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		353	266	214	134	198	280	192	162	94	137
2016		251	212	207	78	207	169	137	137	60	137
2017		255	209	205	62	144	180	144	144	38	108
Percentage of Total											
2017	Jan	100	81.7	79.8	23.7	55.7	100	80.2	80.2	22.5	59.3
	Feb	100	81.7	79.8	23.2	55.9	100	80.3	80.3	22.4	59.6
	Mar	100	82.3	80.4	23.8	56.9	100	80.3	80.3	22.4	59.6
	Apr	100	82.1	80.5	24.1	56.8	100	79.9	79.9	21.2	58.7
	May	100	82.0	80.5	24.2	56.6	100	80.0	80.0	21.7	58.9
	Jun	100	82.0	80.5	24.2	56.3	100	80.1	80.1	21.5	59.7
	Jul	100	82.0	80.5	24.2	56.3	100	80.0	80.0	21.1	59.4
	Aug	100	82.0	80.4	24.3	56.5	100	79.9	79.9	21.2	59.8
	Sep	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0
	Oct	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0
	Nov	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0
	Dec	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 20: Private Newspaper Employees by Gender and ICT Access by Quarter and Year, 2011 - 2017

Year	Quarter/ Month	Male					Female				
		Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	Total Number	Using Com- puters	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	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
2017	Q1	260	214	209	62	148	183	147	147	41	109
	Q2	256	210	206	62	144	181	145	145	39	108
	Q3	255	209	205	62	144	180	144	144	38	108
	Q4	255	209	205	62	144	180	144	144	38	108
2017	Jan	100	81.7	79.8	23.7	55.7	100	80.2	80.2	22.5	59.3
	Feb	100	81.7	79.8	23.2	55.9	100	80.3	80.3	22.4	59.6
	Mar	100	82.3	80.4	23.8	56.9	100	80.3	80.3	22.4	59.6
	Apr	100	82.1	80.5	24.1	56.8	100	79.9	79.9	21.2	58.7
	May	100	82.0	80.5	24.2	56.6	100	80.0	80.0	21.7	58.9
	Jun	100	82.0	80.5	24.2	56.3	100	80.1	80.1	21.5	59.7
	Jul	100	82.0	80.5	24.2	56.3	100	80.0	80.0	21.1	59.4
	Aug	100	82.0	80.4	24.3	56.5	100	79.9	79.9	21.2	59.8
	Sep	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0
	Oct	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0
	Nov	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0
	Dec	100	82.0	80.4	24.3	56.5	100	80.0	80.0	21.1	60.0

Source: Information and Communications Technology Statistics Unit, Statistics Botswana



## APPENDIX IV: RADIO AND TELEVISION

Table 21: Public and Private Radio Broadcasting Hours by Year, 2011 - 2017

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
2017	4,164	144	108	756	1,056	1,560

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 22: Public and Private Radio Broadcasting Hours by Quarter and Year, 2011 - 2017

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
2017	Q1	4,164	144	108	756	1,056	1,560
	Q2	4,164	144	108	756	1,056	1,560
	Q3	4,164	144	108	756	1,056	1,560
	Q4	4,164	144	108	756	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 by Year, 2011 - 2017

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
	<b>Numbers</b>									
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
2017	54	54	54	0	45	58	53	56	0	41
	<b>Percent of Total</b>									
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
2017	100	100.0	100.0	-	83.3	100	91.4	96.6	-	70.7

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Note: "-" denotes zero

Table 24: Public and Private Radio Employees by Gender and ICT Access by Quarter and Year, 2011 - 2017

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
2017	Q1	59	55	59	0	48	60	56	60	0	48
	Q2	58	54	58	0	46	61	57	61	0	47
	Q3	60	56	60	0	48	64	60	64	0	50
	Q4	54	54	54	0	45	58	53	56	0	41
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	-	98.0	100	95.9	95.9	-	95.9
	Q2	100	98.0	98.0	-	98.0	100	96.2	96.2	-	96.2
	Q3	100	100	100	-	100	100	96.2	96.2	-	96.2
	Q4	100	98.0	98.0	-	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
2017	Q1	100	93.2	100.0	-	81.4	100	93.3	100.0	-	80.0
	Q2	100	93.1	100.0	-	79.3	100	93.4	100.0	-	77.0
	Q3	100	93.3	100.0	-	80.0	100	93.8	100.0	-	78.1
	Q4	100	100.0	100.0	-	83.3	100	91.4	96.6	-	70.7

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Note: "-" denotes zero

Table 25: Television Weekly Broadcasting Hours by Year, 2011 - 2017

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
2017	2,658	550	504	525	511	2,706

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 26: Television Weekly Broadcasting Hours by Quarter and Year, 2011 - 2017

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
2017	Q1	2,705	547	54	527	517	2,692
	Q2	2,563	526	54	526	517	2,575
	Q3	2,658	550	54	525	511	2,706
	Q4	2,658	550	54	525	511	2,706

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 27: Public Television Employees by Gender and ICT Access by Year, 2011 - 2017

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
	<b>Numbers</b>									
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
2017	27	26	24	1	19	71	70	69	1	57
	<b>Percentage of Total</b>									
2011	100	100	100	100	100	100	100	100	100	100
2012	100	100	93.4	100	93.4	100	100	76.3	100	76.3
2013	100	91.3	81.7	79.1	7.8	100	99.3	79.7	84.4	14.9
2014	100	93.5	63.0	47.8	45.7	100	98.7	44.2	72.7	26.0
2015	100	94.4	94.4	55.6	-	100	97.6	51.8	67.1	-
2016	100	100.0	77.8	70.4	70.4	100	98.6	47.1	82.9	82.9
2017	100	96.3	88.9	3.7	70.4	100	98.6	97.2	1.4	80.3

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 28: Public Television Employees by Gender and ICT Access by Quarter and Year, 2011 - 2017

		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
Year/Quarter		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
2017	Q1	32	31	31	19	21	67	65	65	57	57
	Q2	31	30	30	19	21	68	67	67	57	57
	Q3	29	28	28	19	19	68	67	67	57	57
	Q4	27	26	24	19	19	71	70	69	57	57
		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	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	-	100	97.6	51.8	67.1	-
	Q2	100	94.4	94.4	55.6	-	100	97.6	51.8	67.1	-
	Q3	100	94.4	94.4	55.6	-	100	97.6	51.8	67.1	-
	Q4	100	94.4	94.4	55.6	-	100	97.6	51.8	67.1	-
2016	Q1	100	94.4	66.7	55.6	36.1	100	98.7	52.0	76.0	29.3
	Q2	100	94.4	66.7	55.6	36.1	100	98.7	52.0	76.0	29.3
	Q3	100	94.1	70.6	55.9	55.9	100	97.3	48.6	77.0	77.0
	Q4	100	100	77.8	70.4	70.4	100	98.6	47.1	82.9	82.9
2017	Q1	100	96.9	96.9	59.4	65.6	100	97.0	97.0	85.1	85.1
	Q2	100	96.8	96.8	61.3	67.7	100	98.5	98.5	83.8	83.8
	Q3	100	96.6	96.6	65.5	65.5	100	98.5	98.5	83.8	83.8
	Q4	100	96.3	88.9	70.4	70.4	100	98.6	97.2	80.3	80.3

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

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**APPENDIX V: ICT DEVELOPMENT INDEX (IDI)**

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**Table 29: Botswana ICT Development Index (IDI) by Year, 2012 - 2017**

Year	IDI	Regional Rank	Global Rank
2017	4.59	5	109
2016	4.17	5	109
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 (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.

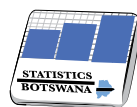
### **1.16 Outgoing national mobile minutes**

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





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