

# INFORMATION & COMMUNICATION TECHNOLOGY 2013 STATISTICS REPORT

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## STATISTICS BOTSWANA

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**INFORMATION & COMMUNICATION  
TECHNOLOGY 2013**

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STATISTICS REPORT

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## PREFACE

This report presents Botswana Information and Communications Technology Statistics for the period 2013. It is aimed at enhancing and assisting the decision-making process within the communications sector relating to operational, sectorial, national or international purposes.

The report presents a summary of a diverse range of communication statistics in tabular and graphical format. Included are Telecommunications, print media, radio & television postal services and education statistics.

For more information and further enquiries, contact the Directorate of Stakeholder Relations at 3671300. All Statistics Botswana outputs/publications are available on the website at [www.cso.gov.bw](http://www.cso.gov.bw) and also at Statistics Botswana Library (Head-Office, Gaborone).

Statistics Botswana acknowledges and extends gratitude to various Government departments, quasi corporation and private organizations that provided information used in this publication.



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**A. N. Majelantle**  
**Statistician General**

March 2015

## ABBREVIATIONS

..	Not Available
-	Zero Value
<b>ICT</b>	Information and Communication Technology
<b>ADSL</b>	Asymmetric Digital Subscriber line
<b>IP</b>	Internet Protocol
<b>ISP</b>	Internet Service Providers
<b>GDP</b>	Gross Domestic Product
<b>BOCRA</b>	Botswana Communications Regulatory Authority

## EXECUTIVE SUMMARY

### 1. INTRODUCTION

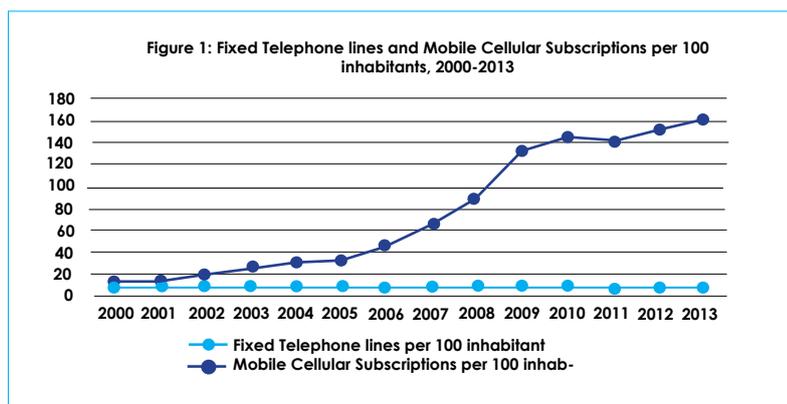
This is the fourth issue of the Information and Communication Technology (ICT) Statistics reports series since 2009. It provides statistics on access and usage of ICT infrastructure based on data collected from various administrative sources. The report covers statistics for the period 2013, relating to telecommunication, print media, radio, television, postal services and e-education. The report also provides data on the contribution of ICT to GDP from 2006 to 2013.

### 2. TELECOMMUNICATIONS

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

Subscriptions of fixed telephone lines increased by 8.5 percent; from 160,488 in 2012 to 174,165 in 2013. This was an increase of 1.2 percentage points from the growth that was recorded in 2012. Teledensity (the number of fixed telephone lines per 100 inhabitants) has been almost constant since 2002; it increased from 8 lines per 100 persons in 2012 to 9 lines in 2013.

Mobile cellular subscriptions have also increased in 2013. They rose from 3,081,726 in 2012 to 3,274,542 in 2013, registering a growth of 6.3 percent. This increase resulted from the rise in pre-paid subscriptions which constituted 97.6 percent (3,169,148) of total mobile cellular subscriptions in 2013, whereas post-paid accounted for 2.4 percent (77,639) subscriptions. Mobidensity (the number of mobile cellular subscriptions per 100 inhabitants) increased also by 6.3 percent in 2013, though it is a 0.1 percentage points fall from the increase recorded in 2012. **Table 1** in **Appendix 1** and **Figure 1** below show the details.



#### 2.2 Internet Subscriptions

Internet subscriptions rose by 86.7 percent during the period under review, from 788,643 subscriptions in 2012 to 1,472,026 in 2013. This increase resulted from the growth of 87.6 percent in the number of mobile internet subscriptions (from 769,805 subscriptions in 2012 to 1,444,207 in 2013) and 47.7 percent in fixed internet subscriptions (from 18,838 in 2012 to 27,819 in 2013).

In all the quarters of 2013, internet subscriptions were growing at a constant rate with the highest increase observed in Quarter 1. This is illustrated in Figure 2 above and Table 2 in Appendix 1.

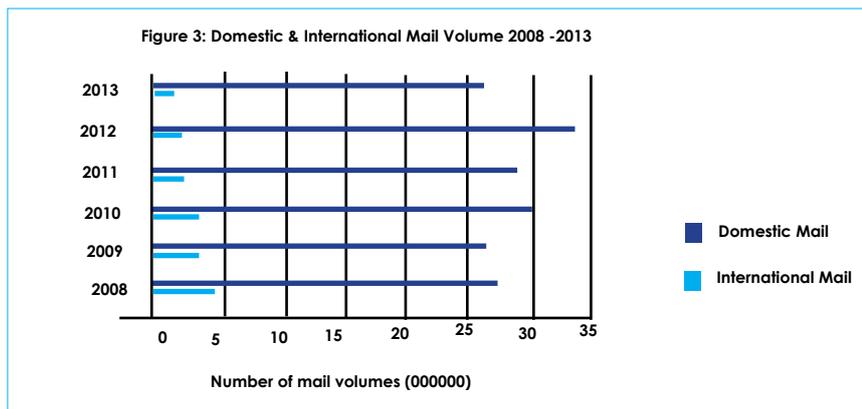
#### 2.3 Type of Internet Access

The number of mobile cellular subscribers with access to data communication at broadband speed (>256 kbps) stood at 1,444,207 in 2013. This is an increase of 87.6 percent from 769,805 subscriptions registered in 2012. See Table 3 in the appendices.

### 3. POSTAL SERVICES

#### 3.1 Mail Volume Trends

Figure 3 below and Table 5 in the Appendix illustrate the volume of mail circulated within and outside Botswana. International mail-received reduced by 2.8 percent in 2013 while international mail-dispatched increased by 27.0 percent. Domestic mail, as did international mail-dispatched, increased in 2013; it registered a growth of 14.7 percent.



#### 3.2 Recorded Items

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

Total posted parcels increased by 20.1 percent in 2013, from 21,521 total parcels dispatched in 2012 to 25,853 parcels in 2013. Foreign received parcels decreased by 10.6 percent in 2013; they reduced from 14,496 parcels in 2012 to 12,956 parcels in 2013.

Registered items posted increased by 28.2 percent in 2013, from 280,354 items recorded in 2012 to 359,481 items recorded in 2013. Foreign registered items decreased in 2013, the fell by 2.1 percent from 19,438 items in 2012 to 19,022 in 2013.

Both dispatched and received EMS items increased in 2013. Foreign dispatched express mail items increased by 9.3 percent while foreign received EMS items increased by 63.0 percent. The details are as shown in [Table 6](#).

#### 3.3 Unrecorded Mail Items

Letter/cards went up by 28.2 percent in 2013, from 35,209,788 items recorded in 2012 to 45,152,168 items in 2013. Printed matter and small packets on the other hand increased by 100.0 percent and 46.0 percent respectively in 2013. The details are shown in [Table 7](#).

## 4. PRINT MEDIA

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

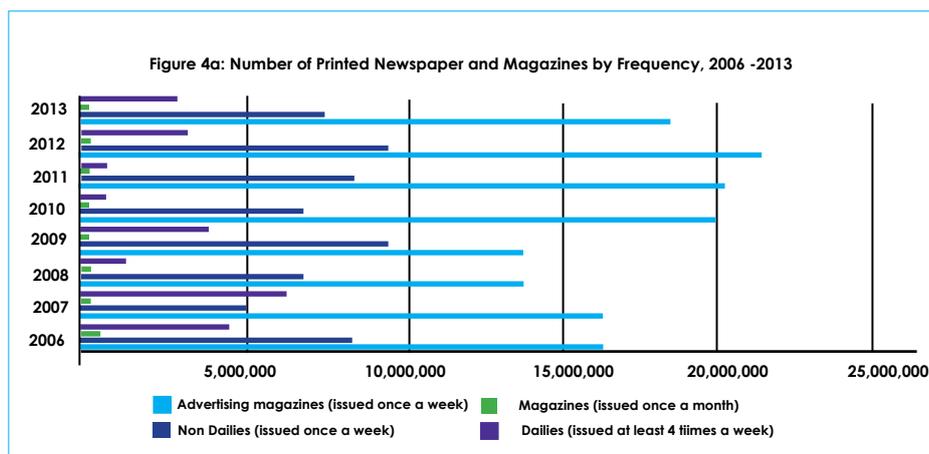
### 4.1 Printed Newspapers/Magazines by Frequency

Table 8 in the Appendix shows the number of printed newspapers and magazines for the period 2006 to 2013. Printed Dailies went down by 12.9 percent in 2013 while printed Non-dailies reduced by 19.6 percent. Printed Magazines issued once a month and those issued once a week (advertising magazines) also went down in 2013, they decreased by 31.1 percent and 5.9 percent respectively.

Printed Non-Dailies started at 8.3 million papers in 2006 and then reduced to 4.8 million in 2007. A year later they increased to 6.7 million and further increased until they reached the highest peak of 9.5 million papers in 2009. They reduced again in 2010 to 6.9 million papers. In 2013, printed Non-Dailies numbered 7.6 million, recording a decrease of 19.6 percent from 9.4 million papers printed in 2012.

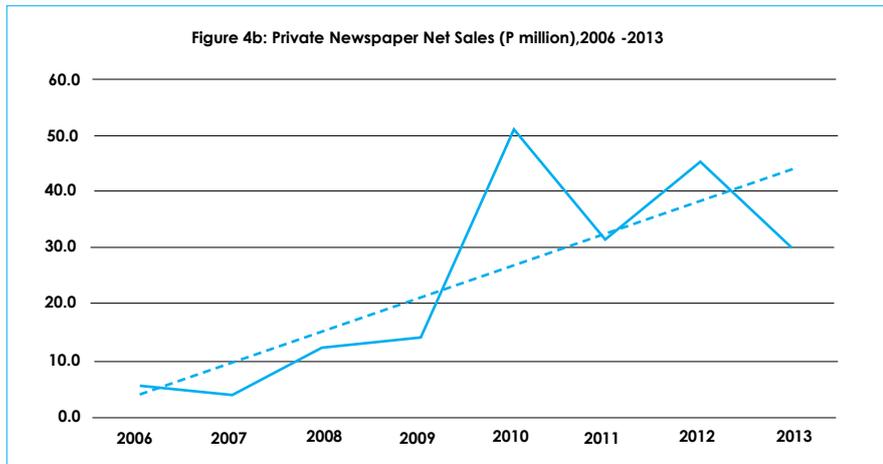
As is the case with newspapers, the trend for printed magazines issued once a month has been fairly stable over the eight year period while that for those issued weekly has been fluctuating.

Printed magazines issued once a month reduced by 31.1 percent after totalling 155,000 issues in 2013 from 225,000 issues printed in 2012. Advertising magazines issued once a week also reduced in 2013, they went down by 5.9 percent by totalling 2,913,273 issues in 2013 from 3,097,470 issues printed in 2012. The details are as shown in Table 8 and Figure 4a below.



### 4.2 Private Newspaper Net Sales

Figure 4b gives graphical presentation of net sales of private newspapers from 2006 to 2013. 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.



Private newspaper net sales decreased by 34.9 percent in 2013 after having fallen from P46.1 million obtained in 2012 to P30.0 million recorded in 2013. Refer to Table 10 in the appendix for details.

### 4.3 ICT Usage by Private Newspaper Employees

There was wide usage of computers, intranet, and internet among private newspaper employees during 2013. Among the employees of private newspapers in 2013, males had more usage of computers, intranet and internet than their female counterparts. About 70.1 percent of males used computers in 2013 while 50.1 percent of females used computers. Also 68.5 percent of newspaper male employees used internet as compared to their female counterparts who only 42.5 percent of them used the internet. Males also had more access to the websites than did female employees. See Table 12 in the Appendix for details.

## 5. RADIO AND TELEVISION

### 5.1 Public and Private Radio Station Broadcasting Hours

Table 5.1 below and Table 13 in the Appendix, display public and private radio weekly broadcasting hours by quarter from 2011 to 2013. The figures suggest that programs that are highly broadcasted are General programmes followed by Setswana and English programmes. In Q4 2013, 8,328 hours were used for broadcasting General programmes while 4,920 hours were used for broadcasting Setswana programmes. English programmes followed with 4,284 hours being for broadcasting them. The least covered in terms of hours are Religious and Instructional/ Special programs.

### 5.2 ICT Usage by Public and Private Radio Station Employees

There is a wide usage of information and communication technologies among radio employees. Male employees have a high usage as compared to female employees; this is shown in [Table 14](#).

**Table 5.1: Public and Private Radio Weekly Broadcasting Hours by Quarter, 2013**

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
<b>Broadcasting Programme</b>					
General Programmes	8,280	8,304	8,328	8,328	33,240
Religious Programmes	324	327	326	326	1,303
Instructional/ Special Programmes	396	396	396	396	1,584
Commercial / Advertising Programmes	540	540	540	540	2,160
Setswana Programmes	4,920	4,920	4,920	4,920	19,680
English Programmes	4,284	4,284	4,284	4,284	17,136

Source: Information and Communication Technology Statistics, Statistics Botswana

### 5.3 Television Broadcasting Hours

Television weekly broadcasting hours for the year 2013 are shown in Table 5.2 below and Table 15 in the Appendix. The two tables indicate that English programmes had the highest broadcasting hours in 2013 followed by General programmes while Instructional/ Special programmes were not covered.

**Table 5.2: Television Weekly Broadcasting Hours by Quarter, 2013**

Broadcasting Programme	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
General Programmes	1,920	1,920	1,920	1,920	7,680
Religious Programmes	1,578	1,578	1,548	1,548	6,252
Commercial / Advertising Programmes	535	1,536	700	1,151	3,922
Setswana Programmes	918	918	948	918	3,702
English Programmes	3,552	3,576	3,600	3,576	14,304

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 2013, with female employees having the highest usage as compared to their male counterparts. In Q4 2013, 99.3 percent of television female employees used computers while 91.3 percent of their male counterparts used them. Females also dominated in the use intranet, 84.4 percent of them used intranet while 79.1 percent of males used the intranet. However, males dominated in the use of internet; 81.7 percent of males used internet in Q4 2013 while 79.7 percent of females used it. See the details in [Table 16](#).

## 6. E-EDUCATION SERVICES, 2013

E-education services in schools comprise of the use of radios, televisions, telephones and computers. In 2013, of all the schools in Botswana, 60 percent of them used radios as the medium of furthering their education curriculum while 61 percent of them used televisions sets. Still in the same period 88 percent of schools had telephones. Student computer ratio in 2013 stood at 8 percent indicating that for every 100 students there were only 8 computers available for them.

In 2013, ICT qualified teachers in primary and secondary schools constituted only 5 percent of total teachers (i.e. for every 100 teachers at both secondary and primary schools, there were only 5 ICT qualified teachers). The proportion of students who had access to the internet at schools stood at 47 percent in 2013, showing that for every 100 students only 47 of them had access to the internet.

**Table 6.1: E-education Services In Schools, 2013**

	Proportion	Percentage
Schools with radios	0.6	60
Schools with TV	0.61	61
Schools with telephone	0.88	88
Students computer ratio	0.08	8
Schools using narrow band internet	0.24	24
Schools using fixed broad band internet below 256kb/s	0.04	4
School using mobile broad band internet	0	0
Students with access to the internet at school	0.47	47
ICT qualified teachers in primary and secondary school	0.05	5
Schools with electricity	0.89	89

Source: Ministry of Education

## 7. 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 2.6 percent during the period 2006 to 2013. 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 2.6 percent of real GDP in 2013 after having increased its valued added by 8.3 percent between 2013 and 2012. See Table 17 in the appendix for details.

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## APPENDIX I: TELECOMMUNICATIONS

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**Table 1: Information & Communication Technologies Subscriptions and Density, 2002 - 2013**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>ICT Access</b>	<b>Number</b>													
Fixed Telephone Lines	123,819	135,900	148,155	131,399	131,774	136,463	132,034	136,946	142,282	144,195	139,695	149,578	160,488	174,165
Fixed Telephone Lines per 100 inhabitants	8	8	8	8	8	8	8	8	8	8	8	7	8	9
Mobile Cellular Subscriptions	106,029	222,190	332,264	444,978	522,840	571,437	825,076	1,153,768	1,559,102	2,390,868	2,644,982	2,900,263	3,081,726	3,274,542
Mobile Cellular Subscriptions per 100 inhabitants	13	13	20	26	31	33	47	66	88	133	145	143	152	162
Internet Subscriptions	46,583	57,653	56,588	56,662	56,474	56,312	74,627	92,751	111,014	110,600	140,360	254,649	788,643	1472026
Internet Subscriptions per 100 inhabitants	3	3	3	3	3	3	4	5	6	6	8	13	39	72.0
<b>Annual Percentage Change</b>														
Fixed Telephone Lines		9.8	9.0	(11.3)	0.3	3.6	(3.2)	3.7	3.9	1.3	(3.1)	7.1	7.3	8.5
Fixed Telephone Lines per 100 inhabitants		-	-	-	-	-	-	-	-	-	-	(12.5)	13.2	8.5
Mobile Cellular Subscriptions		109.6	49.5	33.9	17.5	9.3	44.4	39.8	35.1	53.3	10.6	9.7	6.3	6.3
Mobile Cellular Subscriptions per 100 inhabitants		-	53.8	30.0	19.2	6.5	42.4	40.4	33.3	51.1	9.0	(1.4)	6.4	6.3
Internet Subscriptions		23.8	(1.8)	0.1	(0.3)	(0.3)	32.5	24.3	19.7	(0.4)	26.9	81.4	209.7	86.7
Internet Subscriptions per 100 inhabitants		-	-	-	-	-	33.3	25.0	20.0	-	33.3	62.5	200.0	84.6

Source: Botswana Communications Regulatory Authority (BOCRA)

**Table 2: Internet Subscriptions by Quarter, 2011 - 2013**

Internet Type	2011				2012				2013			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	<i>Number</i>											
ADSL	14,082	14,419	14,474	15,707	16,298	17,204	18,166	18,838	19,388	23,224	25,309	27,819
Mobile Internet	189,803	200,198	224,474	238,942	263,131	294,548	509,926	769,805	958,074	1,098,523	1,259,561	1,444,207
	<i>Quarterly Percentage Change</i>											
ADSL		2.4	0.4	8.5	3.8	5.6	5.6	3.7	2.9	19.8	9	9.9
Mobile Internet		5.5	12.1	6.4	10.1	11.9	73.1	51.0	24.5	14.7	14.7	14.7

Source: Botswana Communications Regulatory Authority

**Table 3: Information & Communication Technologies Subscriptions by Quarter, 2013**

Quarter	Telephone Subscriptions			Internet		
	Mobile Cellular		Fixed Telephone	Fixed Broadband/ ADSL	Mobile	
	Pre-Paid	Post Paid				Total
<b>2012</b>						
Quarter 1	2,893,480	59,636	2,953,116	150,549	16,298	263,131
Quarter 2	2,914,071	61,920	2,975,991	151,360	17,204	294,548
Quarter 3	2,928,017	62,514	2,990,531	159,182	18,166	509,926
Quarter 4	3,017,884	63,842	3,081,726	160,488	18,838	769,805
<b>2013</b>						
Quarter 1	3,032,563	68,839	3,101,402	150,549	19,388	712,768
Quarter 2	3,047,241	73,836	3,121,077	151,360	19,963	1,024,891
Quarter 3	3,139,210	76,409	3,215,619	159,182	20,639	1,580,164
Quarter 4	3,169,148	77,639	3,246,787	160,488	21,590	2,385,956

Source: Botswana Communications Regulatory Authority

**Table 4 : Fixed telephone and Mobile Domestic and international traffic by Quarter( Minutes) 2013**

1.Domestic Calls	2012				2013			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
From fixed telephones to fixed telephones	44,807,471	46,165,242	46,058,747	42,992,250	40,847,222	42,084,988	41,987,906	39,192,437
From fixed telephones to mobile cellular phones	32,067,146	28,438,798	33,049,118	27,222,676	25,433,762	22,555,971	48,768,574.894	88,939,423.426
On Net Mobile Cellular Calls	305,145,554	378,223,041	384,652,300	408,930,424	415,805,694	515,384,517.284	524,145,328.200	557,227,842.648
Off Net Mobile Cellular calls	127,875,946	92,329,860	126,175,464	151,690,137	130,302,022	94,081,551.889	128,569,278.275	154,568,018.356
From Mobile Cellular to Fixed telephones	86,208,330	6,156,853	13,173,891	12,449,792	10,494,493	7,494,989.926	16,037,116.693	15,155,641.157
<b>2. International Calls</b>								
Outgoing from Fixed Telephones	6,895,539	5,576,032	4,256,524	6,383,477	6,313,054	5,105,008.900	3,896,963.800	5,844,247.275
Incoming to Fixed Telephones	3,833,461	2,649,892	1,466,323	2,058,108				
Outgoing from Mobile Cellular	14,943,619	12,170,992	16,394,509	17,028,469	14,312,615	11,657,063.973	15,702,240.229	16,309,430.857
<b>3. Short Message Service (SMS)</b>								
On Net	188,337,052	182,518,901	217,903,594	224,910,519	205,754,037	199,397,836.542	238,054,825.995	245,709,735.586
Off Net	104,721,472	100,177,330	121,996,704	134,605,875	72,501,473	69,355,442.084	84,461,577.671	93,191,243.644

Source: Botswana Communications Regulatory Authority and Statistics Botswana

## APPENDIX II: POSTAL SERVICES

**Table 5: Mail Volume Trend, 1998 - 2013**

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	1,572,000	73,193	8,966	248,638
1999	4,184,900	1,562,289	32,207,786	1,611,000	25,977	9,698	199,924
2000	6,927,076	2,921,873	31,607,144	1,651,000	41,957	17,698	191,442
2001	6,252,568	5,208,753	40,370,418	1,680,863	37,199	30,989	240,177
2002	8,161,863	2,283,159	34,078,710	1,667,487	48,947	13,692	204,372
2003	5,356,990	2,574,866	31,954,748	1,691,390	31,672	15,223	188,926
2004	4,745,254	2,304,065	31,821,527	1,711,334	27,728	13,464	185,946
2005	6,461,033	1,676,768	30,758,411	1,727,372	37,404	9,707	178,065
2006	5,854,772	1,904,340	25,972,807	1,739,556	33,657	10,947	149,307
2007	4,097,365	916,865	27,693,000	1,756,651	23,325	5,219	157,647
2008	3,057,191	639,752	27,739,494	1,776,283	17,211	3,602	156,166
2009	3,081,746	390,854	27,306,396	1,798,372	17,136	2,173	151,840
2010	2,702,019	462,679	30,509,946	1,822,858	14,823	2,538	167,374
2011	1,725,548	665,289	28,967,032	2,038,228	8,466	3,264	142,119
2012	1,677,002	844,655	33,236,294	2,038,228	8,228	4,144	163,065
2013	1,629,822	1,072,379	38,134,775	2,038,228	7,996	5,261	187,098

Source: Botswana Postal Services

**Table 6: Recorded Mail Items (Priority and non Priority) by Month and Quarter, 2013**

Month	Parcels				Registered Items				Express Mail Service				Grand total
	Dispatched		Total Posted	Foreign Received	Dispatched		Total Posted	Foreign Received	Dispatched		Total Posted	Foreign Received	
	Domestic	Foreign			Domestic	Foreign			Domestic	Foreign			
<b>2011</b>													
Q1	3,187	144	<b>3,331</b>	3,380	82,904	5,024	<b>87,928</b>	5,198	-	1,859	<b>1,859</b>	1,038	<b>102,734</b>
Q2	4,909	97	<b>5,006</b>	3,980	73,691	4,943	<b>78,634</b>	4,829	-	1,947	<b>1,947</b>	750	<b>95,146</b>
Q3	5,093	451	<b>5,544</b>	4,132	83,570	5,828	<b>89,398</b>	5,232	-	2,069	<b>2,069</b>	806	<b>107,181</b>
Q4	5,401	148	<b>5,549</b>	4,939	85,280	4,821	<b>90,101</b>	4,701	-	2,658	<b>2,658</b>	1,305	<b>109,253</b>
<b>2012</b>													
Q1	6,555	294	<b>6,849</b>	3,502	77,096	2,958	<b>80,054</b>	4,589	-	2,242	<b>2,242</b>	1,375	<b>98,611</b>
Q2	5,435	311	<b>5,746</b>	3,750	75,164	5,225	<b>80,389</b>	5,058	-	1,559	<b>1,559</b>	1,276	<b>97,778</b>
Q3	4,276	192	<b>4,468</b>	3,451	56,590	7,038	<b>63,628</b>	4,922	-	2,390	<b>2,390</b>	1,333	<b>80,192</b>
Q4	4,261	197	<b>4,458</b>	3,793	49,972	6,311	<b>56,283</b>	4,869	-	2,483	<b>2,483</b>	1,583	<b>73,469</b>
<b>2013</b>													
Q1	3,209	2,275	<b>5,484</b>	3,628	64,929	24,592	<b>89,521</b>	4,051	-	3,768	<b>3,768</b>	2,780	<b>109,232</b>
Q2	4,040	2,697	<b>6,737</b>	3,533	66,813	22,546	<b>89,359</b>	5,298	-	1,248	<b>1,248</b>	2,171	<b>108,346</b>
Q3	4,983	2,448	<b>7,431</b>	2,882	67,868	18,219	<b>86,087</b>	4,630	-	2,149	<b>2,149</b>	2,205	<b>105,384</b>
Q4	3,635	2,566	<b>6,201</b>	2,913	78,061	16,452	<b>94,513</b>	5,043	-	2,320	<b>2,320</b>	1,920	<b>112,910</b>
<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>

Source: Botswana Postal Services

**Table 7: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2013**

Year/ Quarter	Letter/Cards			Received From Abroad	Total
	Domestic	Foreign	Total Dispatched		
<b>2011</b>					
Q1	7,314,222	180,848	7,495,070	449,113	7,944,183
Q2	7,631,258	154,661	7,785,919	406,097	8,192,016
Q3	6,229,240	103,329	6,332,569	294,255	6,626,824
Q4	7,314,222	180,848	7,495,070	449,113	7,944,183
<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>2012</b>					
Q1	7,586,383	134,266	7,720,649	409,641	8,130,290
Q2	8,852,980	143,279	8,996,259	357,875	9,354,134
Q3	11,552,604	142,134	11,694,738	335,070	12,029,808
Q4	5,196,855	125,973	5,322,828	372,728	5,695,556
<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>2013</b>					
Q1	7,868,671	99,682	7,968,353	373,638	8,341,991
Q2	10,270,293	132,735	10,403,028	315,379	10,718,407
Q3	21,425,191	195,512	21,620,703	381,546	22,002,249
Q4	3,692,437	87,749	3,780,186	309,335	4,089,521
<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>

Source: Botswana Postal Services

**Table 7: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2013 cont'd**

Year/ Quarter	Printed Matter					Small Packets					Grand Total
	Dispatched			Received From Abroad		Dispatched			Received From Abroad		
	Domestic	Foreign	Total Dispatched		Total	Domestic	Foreign	Total Dispatched		Total	
<b>2011</b>											
Q1	46,165	3,129	49,294	16,142	65,436	-	47	47	3,746	3,793	8,013,412
Q2	30,786	4,640	35,426	12,165	47,591	-	461	461	2,410	2,871	8,242,478
Q3	10,939	3,679	14,618	28,466	43,084	-	418	418	4,221	4,639	6,674,547
Q4	46,165	3,129	49,294	16,142	65,436	-	47	47	3,746	3,793	8,013,412
<b>Total</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>
<b>2012</b>											
Q1	7,295	4,449	11,744	33,308	45,052	-	84	84	4,867	4,951	8,180,293
Q2	7,510	1,764	9,274	27,746	37,020	-	369	369	4,291	4,660	9,395,814
Q3	6,234	1,896	8,130	29,667	37,797	-	414	414	3,900	4,314	12,071,919
Q4	3,907	1,587	5,494	53,926	59,420	-	417	417	4,482	4,899	5,759,875
<b>Total</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>
<b>2013</b>											
Q1	1,153	6,326	7,479	68,729	76,208	-	150	150	6,323	6,473	8,424,672
Q2	1,832	671	2,503	63,283	65,786	-	295	295	7,640	7,935	10,792,128
Q3	3,553	977	4,530	30,919	35,449	-	410	410	3,603	4,013	22,041,711
Q4	331	805	1,136	180,152	181,288	-	3,700	3,700	5,363	9,063	4,279,872
<b>Total</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>

Source: Botswana Postal Services

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## APPENDIX III: PRINT MEDIA

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**Table 8: The Number of Private & Government Owned Newspapers/Magazines Printed by Frequency , 2006 - 2013**

	2006	2007	2008	2009	2010	2011	2012	2013
<b>Newspaper/Magazine</b>	<b>Number</b>							
Dailies (issued at least 4 times a week)	16,250,000	16,250,000	13,790,000	13,790,000	19,680,000	19,920,000	21,120,000	18,400,000
Non Dailies (issued once a week)	8,263,276	4,828,883	6,728,144	9,537,398	6,865,274	8,457,327	9,437,532	7,583,212
Magazines (issued once a month)	180,000	10,000	120,000	120,000	225,000	180,000	225,000	155,000
Advertising magazines (issued once a week )	4,380,000	6,171,000	1,260,000	3,780,000	504,000	504,000	3,097,470	2,913,273
<b>Total</b>	<b>29,073,276</b>	<b>27,259,883</b>	<b>21,898,144</b>	<b>27,227,398</b>	<b>27,274,274</b>	<b>29,061,327</b>	<b>33,880,002</b>	<b>29,051,485</b>
	<b>Annual Percentage Change</b>							
Dailies (issued at least 4 times a week)		-	(15.1)	-	42.7	1.2	6.0	(12.9)
Non Dailies (issued once a week)		(41.6)	39.3	41.8	(28.0)	23.2	11.6	(19.6)
Magazines (issued once a month)		(94.4)	1,100.0	-	87.5	(20.0)	25.0	(31.1)
Advertising magazines (issued once a week )		40.9	(79.6)	200.0	(86.7)	-	514.6	(5.9)
<b>Total</b>		<b>(6.2)</b>	<b>(19.7)</b>	<b>24.3</b>	<b>0.2</b>	<b>6.6</b>	<b>16.6</b>	<b>(14.3)</b>

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

**Table 9: The Number of Printed Privately Owned Newspapers and Magazines, 2006 - 2013**

	2006	2007	2008	2009	2010	2011	2012	2013
<b>Months</b>	<b>Number</b>							
January	572,434	340,720	461,391	632,517	418,973	658,123	595,693	586,647
February	694,802	357,677	604,447	801,715	498,455	812,390	871,829	665,157
March	787,541	392,175	534,186	802,539	567,707	836,280	850,444	648,765
April	663,814	357,036	584,023	852,783	617,902	789,167	761,515	628,962
May	724,504	365,211	568,159	851,490	604,632	768,373	861,115	671,085
June	676,516	427,459	558,389	808,970	608,058	848,233	825,964	641,294
July	658,407	376,658	554,682	913,116	625,864	712,975	763,340	658,698
August	754,851	483,463	617,680	827,198	589,192	768,248	918,330	717,488
September	713,158	397,410	575,578	838,034	633,606	762,816	774,668	632,072
October	703,419	577,447	634,043	835,735	557,581	576,388	813,928	612,044
November	738,119	434,445	570,150	745,706	588,202	496,411	797,548	649,758
December	575,711	319,182	465,416	627,595	555,102	427,923	603,158	471,242
<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>Percent of Total</b>							
January	6.9	7.1	6.9	6.6	6.1	7.8	6.3	7.7
February	8.4	7.4	9.0	8.4	7.3	9.6	9.2	8.8
March	9.5	8.1	7.9	8.4	8.3	9.9	9.0	8.6
April	8.0	7.4	8.7	8.9	9.0	9.3	8.1	8.3
May	8.8	7.6	8.4	8.9	8.8	9.1	9.1	8.8
June	8.2	8.9	8.3	8.5	8.9	10.0	8.8	8.5
July	8.0	7.8	8.2	9.6	9.1	8.4	8.1	8.7
August	9.1	10.0	9.2	8.7	8.6	9.1	9.7	9.5
September	8.6	8.2	8.6	8.8	9.2	9.0	8.2	8.3
October	8.5	12.0	9.4	8.8	8.1	6.8	8.6	8.1
November	8.9	9.0	8.5	7.8	8.6	5.9	8.5	8.6
December	7.0	6.6	6.9	6.6	8.1	5.1	6.4	6.2
<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>

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

**Table 9: The Number of Printed Privately Owned Newspapers and Magazines, 2006 - 2013**

	2006	2007	2008	2009	2010	2011	2012	2013
<b>Months</b>	<b>Number</b>							
January	572,434	340,720	461,391	632,517	418,973	658,123	595,693	586,647
February	694,802	357,677	604,447	801,715	498,455	812,390	871,829	665,157
March	787,541	392,175	534,186	802,539	567,707	836,280	850,444	648,765
April	663,814	357,036	584,023	852,783	617,902	789,167	761,515	628,962
May	724,504	365,211	568,159	851,490	604,632	768,373	861,115	671,085
June	676,516	427,459	558,389	808,970	608,058	848,233	825,964	641,294
July	658,407	376,658	554,682	913,116	625,864	712,975	763,340	658,698
August	754,851	483,463	617,680	827,198	589,192	768,248	918,330	717,488
September	713,158	397,410	575,578	838,034	633,606	762,816	774,668	632,072
October	703,419	577,447	634,043	835,735	557,581	576,388	813,928	612,044
November	738,119	434,445	570,150	745,706	588,202	496,411	797,548	649,758
December	575,711	319,182	465,416	627,595	555,102	427,923	603,158	471,242
<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>Percent of Total</b>							
January	6.9	7.1	6.9	6.6	6.1	7.8	6.3	7.7
February	8.4	7.4	9.0	8.4	7.3	9.6	9.2	8.8
March	9.5	8.1	7.9	8.4	8.3	9.9	9.0	8.6
April	8.0	7.4	8.7	8.9	9.0	9.3	8.1	8.3
May	8.8	7.6	8.4	8.9	8.8	9.1	9.1	8.8
June	8.2	8.9	8.3	8.5	8.9	10.0	8.8	8.5
July	8.0	7.8	8.2	9.6	9.1	8.4	8.1	8.7
August	9.1	10.0	9.2	8.7	8.6	9.1	9.7	9.5
September	8.6	8.2	8.6	8.8	9.2	9.0	8.2	8.3
October	8.5	12.0	9.4	8.8	8.1	6.8	8.6	8.1
November	8.9	9.0	8.5	7.8	8.6	5.9	8.5	8.6
December	7.0	6.6	6.9	6.6	8.1	5.1	6.4	6.2
<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>

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

**Table 10: Private Newspaper Net Sales (Pula), 2006 - 2013**

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

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

**Table 10: Private Newspaper Net Sales (Pula), 2006 - 2013**

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

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

**Table 11: Printed Magazines Net Sales, 2011 - 2013**

	Printed Magazines		Net Sales (Pula)	
	Number	Percent of Total	Number	Percent of Total
<b>2011</b>				
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>2012</b>				
Q1	248,300	7.5	4,728,807	31.7
Q2	307,650	9.3	1,069,645	7.2
Q3	300,250	9.0	839,601	5.6
Q4	199,800	6.0	638,288	4.3
<b>2012</b>				
January	239,360	7.8	822,100	6.9
February	239,590	7.8	943,720	7.9
March	277,870	9.1	946,575	7.9
April	292,215	9.5	1,005,439	8.4
May	254,846	8.3	1,108,941	9.2
June	255,613	8.3	1,067,826	8.9
July	307,990	10.0	1,090,763	9.1
August	242,439	7.9	1,009,503	8.4
September	257,271	8.4	1,056,123	8.8
October	277,993	9.1	1,113,403	9.3
November	239,475	7.8	1,019,073	8.5
December	183,611	6.0	807,005	6.7
<b>Total</b>	<b>3,068,273</b>	<b>100</b>	<b>11,990,471</b>	<b>100</b>

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

**Table 12: Private Newspaper Employees by Gender and ICT Access, 2011 - 2013**

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	
<b>Numbers</b>											
2011	Q1	175	153	153	144	139	142	117	115	106	106
	Q2	176	154	154	145	140	142	117	115	106	106
	Q3	176	154	154	145	140	142	117	115	106	106
	Q4	176	154	154	145	140	142	117	115	106	106
2012	Q1	216	177	157	117	137	175	124	124	91	110
	Q2	218	187	187	146	167	176	145	145	118	125
	Q3	213	182	182	147	159	169	137	137	110	124
	Q4	208	169	149	129	129	176	125	125	112	112
2013	Q1	746	533	517	256	377	571	368	355	177	289
	Q2	744	509	515	265	361	562	393	330	165	267
	Q3	746	510	499	263	369	538	388	325	164	255
	Q4	750	526	514	255	353	530	380	319	166	250
<b>Percentage of Total</b>											
2011	Q1	100.0	87.4	87.4	82.3	79.4	81.1	66.9	65.7	60.6	60.6
	Q2	100.0	87.5	87.5	82.4	79.5	80.7	66.5	65.3	60.2	60.2
	Q3	100.0	87.5	87.5	82.4	79.5	80.7	66.5	65.3	60.2	60.2
	Q4	100.0	87.5	87.5	82.4	79.5	80.7	66.5	65.3	60.2	60.2
2012	Q1	100.0	81.9	72.7	54.2	63.4	81.0	57.4	57.4	42.1	50.9
	Q2	100.0	85.8	85.8	67.0	76.6	80.7	66.5	66.5	54.1	57.3
	Q3	100.0	85.4	85.4	69.0	74.6	79.3	64.3	64.3	51.6	58.2
	Q4	100.0	81.3	71.6	62.0	62.0	84.6	60.1	60.1	53.8	53.8
2013	Q1	100.0	71.4	69.3	34.3	50.5	76.5	49.3	47.6	23.7	38.7
	Q2	100.0	68.4	69.2	35.6	48.5	75.5	52.8	44.4	22.2	35.9
	Q3	100.0	68.4	66.9	35.3	49.5	72.1	52.0	43.6	22.0	34.2
	Q4	100.0	70.1	68.5	34.0	47.1	70.7	50.7	42.5	22.1	33.3

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

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## APPENDIX IV: RADIO AND TELEVISION

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**Table 13: Public and Private Radio Broadcasting Hours, 2011 - 201**

Year Quarter/Month	Programme						
	General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English	
<b>Numbers</b>							
<b>2011</b>	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
<b>2012</b>	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
<b>2013</b>	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

**Source:** Information and Communications Technology Statistics Unit, Statistics Botswana

**Table 14: Public and Private Radio Employees by Gender and ICT Access, 2011 - 2013**

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	
<b>Numbers</b>											
<b>2011</b>	Q1	64	62	62	27	-	42	33	33	12	-
	Q2	60	60	60	18	-	40	29	29	15	-
	Q3	61	61	61	18	-	40	28	27	15	-
	Q4	58	58	58	18	-	42	30	30	12	-
<b>2012</b>	Q1	55	55	55	40	30	44	40	40	32	28
	Q2	53	52	52	40	30	44	40	40	32	28
	Q3	52	52	52	30	30	43	39	39	28	28
	Q4	48	48	48	24	24	42	38	38	26	26
<b>2013</b>	Q1	217	214	214	149	149	167	158	158	116	116
	Q2	216	213	213	150	150	177	168	168	117	117
	Q3	219	216	216	150	150	182	173	173	117	117
	Q4	202	199	199	144	144	167	161	161	115	115
<b>Percentage of Total</b>											
<b>2011</b>	Q1	100	96.9	96.9	42.2	-	100	78.6	78.6	28.6	-
	Q2	100	100.0	100.0	30.0	-	100	72.5	72.5	37.5	-
	Q3	100	100.0	100.0	29.5	-	100	70.0	67.5	37.5	-
	Q4	100	100.0	100.0	31.0	-	100	71.4	71.4	28.6	-
<b>2012</b>	Q1	100	100.0	100.0	72.7	54.5	100	90.9	90.9	72.7	63.6
	Q2	100	98.1	98.1	75.5	56.6	100	90.9	90.9	72.7	63.6
	Q3	100	100.0	100.0	57.7	57.7	100	90.7	90.7	65.1	65.1
	Q4	100	100.0	100.0	50.0	50.0	100	90.5	90.5	61.9	61.9
<b>2013</b>	Q1	100	98.6	98.6	68.7	68.7	100	94.6	94.6	69.5	69.5
	Q2	100	98.6	98.6	69.4	69.4	100	94.9	94.9	66.1	66.1
	Q3	100	98.6	98.6	68.5	68.5	100	95.1	95.1	64.3	64.3
	Q4	100	98.5	98.5	71.3	71.3	100	96.4	96.4	68.9	68.9

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

**Table 15: Television Weekly Broadcasting Hours, 2011 - 2013**

Year Quarter/ Month	Programme						
	General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English	
<b>Numbers</b>							
<b>2011</b>	Q1	1,416	24	-	24	528	888
	Q2	1,416	24	-	24	528	888
	Q3	1,416	24	-	24	528	888
	Q4	1,416	24	-	24	528	888
<b>2012</b>	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
<b>2013</b>	Q1	1,920	1,578	-	535	918	3,552
	Q2	1,920	1,578	-	1,536	918	3,576
	Q3	1,920	1,548	-	700	948	3,600
	Q4	1,920	1,548	-	1,151	918	3,576

**Source:** Information and Communications Technology Statistics Unit, Statistics Botswana

**Table 16: Public Television Employees by Gender and ICT Access, 2011 - 2013**

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	
<b>Numbers</b>											
<b>2011</b>	Q1	77	77	77	77	77	75	75	75	75	75
	Q2	77	77	77	77	77	75	75	75	75	75
	Q3	77	77	77	77	77	75	75	75	75	75
	Q4	77	77	77	77	77	75	75	75	75	75
<b>2012</b>	Q1	88	88	85	88	85	103	103	87	103	87
	Q2	91	91	85	91	85	112	112	87	112	87
	Q3	91	91	85	91	85	113	113	87	113	87
	Q4	91	91	85	91	85	114	114	87	114	87
<b>2013</b>	Q1	327	303	279	264	24	372	369	321	309	60
	Q2	334	310	279	271	24	387	384	321	324	60
	Q3	338	312	279	273	24	400	397	321	337	60
	Q4	345	315	282	273	27	403	400	321	340	60
<b>Percentage of Total</b>											
<b>2011</b>	Q1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Q2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Q3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Q4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>2012</b>	Q1	100.0	100.0	96.6	100.0	96.6	100.0	100.0	84.5	100.0	84.5
	Q2	100.0	100.0	93.4	100.0	93.4	100.0	100.0	77.7	100.0	77.7
	Q3	100.0	100.0	93.4	100.0	93.4	100.0	100.0	77.0	100.0	77.0
	Q4	100.0	100.0	93.4	100.0	93.4	100.0	100.0	76.3	100.0	76.3
<b>2013</b>	Q1	100.0	92.7	85.3	80.7	7.3	100.0	99.2	86.3	83.1	16.1
	Q2	100.0	92.8	83.5	81.1	7.2	100.0	99.2	82.9	83.7	15.5
	Q3	100.0	92.3	82.5	80.8	7.1	100.0	99.3	80.3	84.3	15.0
	Q4	100.0	91.3	81.7	79.1	7.8	100.0	99.3	79.7	84.4	14.9

**Source:** Information and Communications Technology Statistics Unit, Statistics Botswana

## **APPENDIX V: THE CONTRIBUTION OF ICT TO GDP**

**Table 7.1: Contribution of Communication & Postal Services To Gross Domestic Product, 2006 - 2013**

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		59106.9	857.5	1.5	
2007	67152.7	1002.0	1.5	16.9	64001.1	995.4	1.6	16.1
2008	75867.1	1332.8	1.8	33.0	66496.0	1257.2	1.9	26.3
2009	72315.8	1605.4	2.2	20.5	61282.0	1420.0	2.3	13.0
2010	93390.0	1930.5	2.1	20.2	66548.7	1605.3	2.4	13.0
2011	105070.9	2173.8	2.1	12.6	70663.3	1732.0	2.5	7.9
2012	110763.2	2393.5	2.2	10.1	73711.8	1864.6	2.5	7.7
2013	124121.6	2644.3	2.1	10.5	77956.4	2019.7	2.6	8.3

Source: National Accounts Unit, Statistics Botswana

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## APPENDIX VI: SURVEY METHODOLOGY

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### Survey Methodology

To produce this report, administrative data is collected by Statistics Botswana from some of the businesses falling within the Postal and Communication Services Sector. As there are few businesses in this sector, the selection of businesses to be surveyed is purposive. Questionnaires aligned to each area are used in certain cases to collect data from businesses under observation. Data processing and analysis is done within Statistics Botswana.

## APPENDIX VII: 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

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

