



STATISTICS BOTSWANA

INFORMATION AND COMMUNICATIONS TECHNOLOGY STATISTICS REPORT 2014

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Information and Communications Technology Statistics Report 2014

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Table of Contents

1.	Introduction.....	6
2.	Telecommunications.....	6
2.1	Fixed Telephone Lines and Mobile Cellular Subscriptions.....	6
2.2	Internet Subscriptions.....	6
2.3	Type of Internet Access.....	7
3.	Postal Services.....	7
3.1	Mail Volume Trends.....	7
3.2	Recorded Items.....	8
3.3	Unrecorded Mail Items.....	8
4.	Print Media.....	8
4.1	Printed Newspapers/Magazines by Frequency.....	8
4.2	Private Newspaper Net Sales.....	9
4.3	ICT Usage by Private Newspaper Employees.....	9
5.	Radio and Television.....	10
5.1	Public and Private Radio Station Broadcasting Hours.....	10
5.2	ICT Usage by Public and Private Radio Station Employees.....	10
5.3	Television Broadcasting Hours.....	10
6.	E-Education Services, 2014.....	11
7.	Contribution of Postal and Communication Services to GDP.....	11
8.	Information and Communication Technology (ICT) Development Index.....	11
8.1	ICT Access.....	12
8.2	ICT Use.....	12
8.3	ICT Skills.....	12
9.	Household Ownership and Access to ICT.....	12
9.1	Proportion of Households Who Own a Radio	12
9.2	Proportion of Households Who Own a Television.....	12
9.3	Proportion of Households Who Have a Fixed Telephone.....	13
9.4	Proportion of Households Who Have a Cellular Phone.....	13
9.5	Proportion of Households Who Own a Computer/ Laptop.....	14
9.6	Proportion of Household Ownership and Access of ICT From Population and Housing Censuses and Surveys.....	14
APPENDIX I:	Telecommunications.....	15
APPENDIX II:	Postal Services.....	19
APPENDIX III:	Print Media.....	23
APPENDIX IV:	Radio and Television.....	28
APPENDIX V:	The Contribution of ICT to GDP.....	32
APPENDIX VII:	Household Ownership and Access to ICT.....	32
APPENDIX VIII:	Survey Methodolgy.....	47
APPENDIX IX:	Definitions.....	47

PREFACE

This report presents Botswana Information and Communications Technology Statistics for the period 2014. It is aimed at enhancing and assisting the decision-making process within the communications sector relating to operational, sectorial, national or international purposes.

It covers statistics relating to Telecommunications, Print Media, Radio, Television, Postal Services. Education statistics and the Information and Communication technology Development Index (IDI).

Furthermore, the report presents an overview of patterns of access and use of Information and Communications Technology (ICT) by households and individuals in Botswana for the period 2011 Botswana Population and Housing Census in respect to accessibility with respect to:

- Radio ownership
- Television Ownership
- Fixed Telephone ownership
- Individual cellphone users
- Computer/ Laptop ownership

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A. N. Majelantle
Statistician General
May 2016

ABBREVIATIONS

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

EXECUTIVE SUMMARY

1. INTRODUCTION

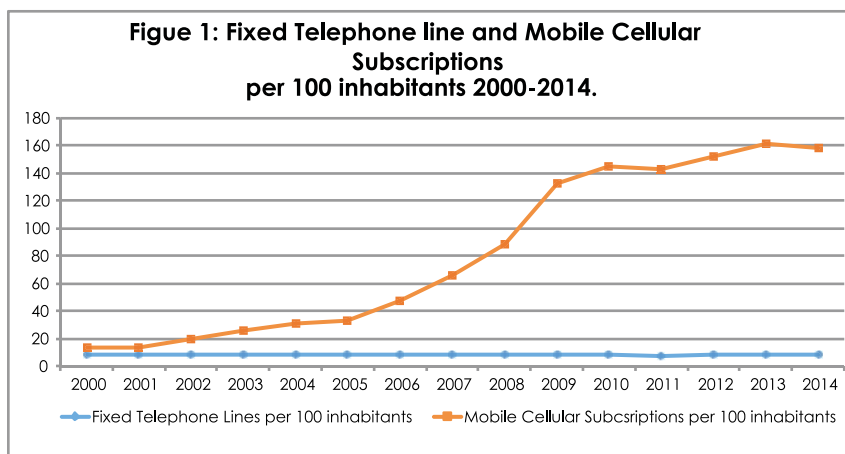
This is the fourth issue of the Information and Communication Technology (ICT) Statistics reports series since 2009. It covers statistics for the year 2014 relating to telecommunication, print media, radio, television and postal services as well as access of Information and Communication Technology by households in 2011.

2. TELECOMMUNICATIONS

2.1 Fixed Telephone Lines and Mobile Cellular Subscriptions

Subscriptions of fixed telephone lines decreased by 2.8 percent, from 174,165 in 2013 to 169,236 in 2014. Tele-density (the number of fixed telephone lines per 100 inhabitants) has been almost constant since 2002; it decreased from 9 lines per 100 persons in 2013 to 8 lines per 100 persons in 2014.

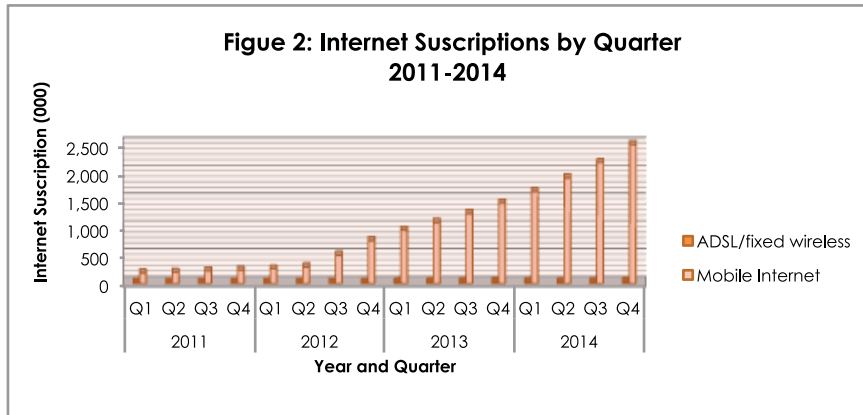
Mobile cellular subscriptions also increased in 2014. They rose from 3,274,542 in 2013 to 3,410,507 in 2014, registering a growth of 4.2 percent. This increase resulted from the rise in pre-paid subscriptions which constituted 97.6 percent of total mobile cellular subscriptions in 2014. Pre-paid mobile subscriptions numbered 3,328,284 while post-paid mobile subscriptions were 82, 223. Mobi-density (the number of mobile cellular subscriptions per 100 inhabitants) decreased by 2.5 percent in 2014. **Table 1 in Appendix 1** and Figure 1 below show the details.



2.2 Telephone Traffic

2.3 Internet Subscriptions

Internet subscriptions rose by 71.5 percent during the period under review, from 1,472,026 subscriptions in 2013 to 2,524,013 in 2014. This increase resulted from the growth of 14.7 percent in the number of mobile internet subscriptions (from 1,444,207 subscriptions in 2013 to 2,496,146 in 2014) and 3.8 percent in fixed internet subscriptions (from 27,819 in 2013 to 27,867 in 2014).



In all the quarters of 2014, internet subscriptions were growing at a constant rate with the highest increase observed in Quarter 4. This is illustrated in **Figure 2** above and **Table 2** in **Appendix 1**.

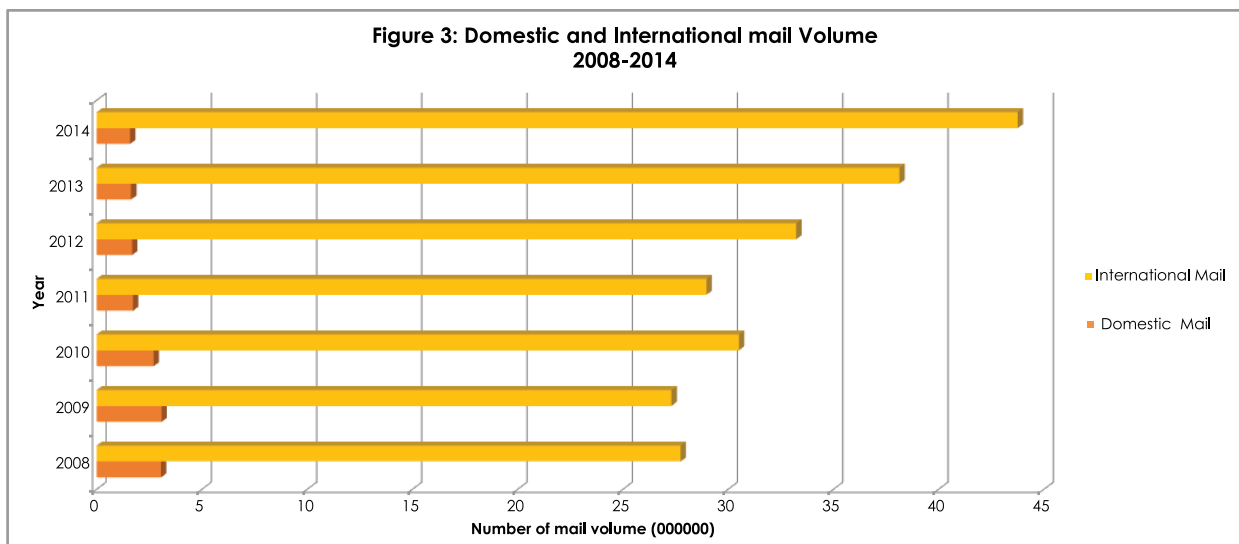
2.3 Type of Internet Access

The number of mobile cellular subscribers with access to data communication at broadband speed (>256 kbps) stood at 2,496,146 in the fourth quarter of 2014. This is an increase of 72.8 percent from 144,207 subscriptions registered in 2013 during the same period. **See Table 3** in the appendices..

3. POSTAL SERVICES

3.1 Mail Volume Trends

Figure 3 below and **Table 5** in the **Appendix II** illustrate the volume of mail circulated within and outside Botswana. International mail received reduced by 2.8 percent in 2014 while international mail dispatched increased by 27.0 percent. Domestic mail, as did international mail-dispatched, increased in 2014; it registered a growth of 14.7 percent.



3.2 Recorded Mail Items

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

Total posted parcels decreased by 28 percent in 2014, from 25,853 total parcels dispatched in 2013 to 18,571 parcels in 2014. Foreign received parcels decreased by 44 percent in 2014; they reduced from 12,956 parcels in 2013 to 7,202 parcels in 2014.

Registered items posted decreased by 11 percent in 2014, from 359,481 items recorded in 2013 to 319,920 items recorded in 2014. Foreign registered items increased in 2013, by 1.1 percent from 19,022 items in 2013 to 19,230 in 2014.

Both Dispatched and received EMS items decreased in 2014. Foreign dispatched express mail items decreased by 73 percent while foreign received EMS items increased by 81 percent compared to the previous year. The details are as shown in **Table 6**.

3.3 Unrecorded Mail Items

Letter/cards went down by 82 percent in 2014, from 45,152,168 items recorded in 2013 to 8,170,944 items in 2014. Printed matter and small packets on the other hand increased by 331 percent and 56 percent respectively in 2014. The details are shown in **Table 7** in the **appendix II**.

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).

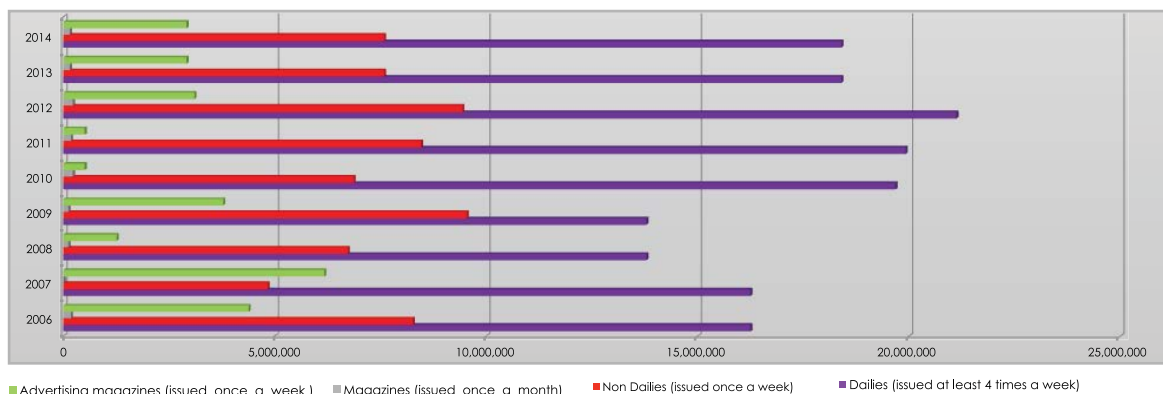
4.1 Printed Newspapers/Magazines by Frequency

Table 8 in the Appendix I shows the number of printed newspapers and magazines for the period 2006 to 2014. Printed Dailies went up by 12.9 percent in 2014 from the previous year while printed Non-dailies increased by 19.6 percent. Printed Magazines issued once a month and those issued once a week (advertising magazines) also went up in 2014; they increased by 31.1 percent and 5.9 percent respectively from the previous year.

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 2014, printed Non-Dailies declined by 20 copies, when compared to a figure recorded in 2013.

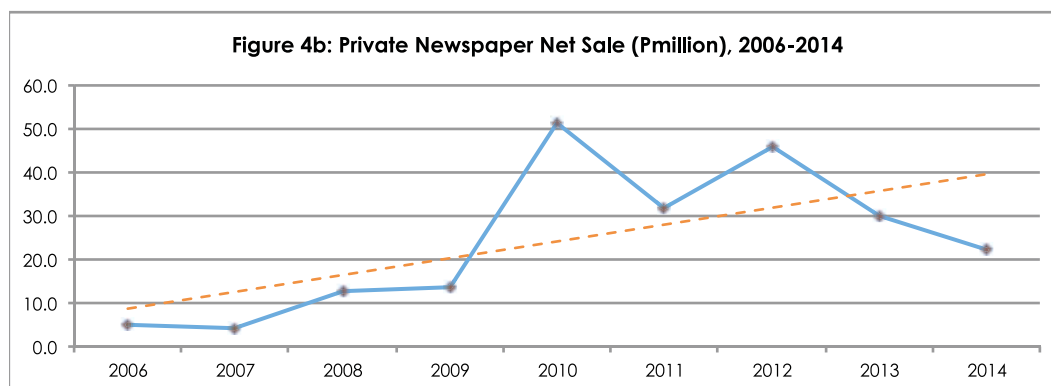
As is the case with newspapers, the trend for printed magazines issued once a month has been fairly stable over the nine year period while that for those issued weekly has been fluctuating.

Printed magazines issued once a month decreased slightly after totaling 154,969 issues in 2014 from 155,000 issues printed in 2013. Advertising magazines issued once a week also reduced in 2014; they also went down slightly by totaling 2,913,267 issues in 2014 from 2,913,273 issues printed in 2013. The details are as shown in **Table 8** and **Figure 4a** below.

Figure 4: Number of Printed Newspapers and Magazines by Frequency , 2006-2014

4.2 Private Newspaper Net Sales

Figure 4b gives graphical presentation of net sales of private newspapers from 2006 to 2014. 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 93 percent in 2014 after having fallen from P30 million obtained in 2013 to P22 million recorded in 2014. 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 2014. Among the employees of private newspapers in 2014, males had more usage of computers, intranet and internet than their female counterparts. During this period, 70 percent of males used computers in 2014 while 72 percent of females used computers. 66 percent of newspaper male employees used internet while 60 percent of female employees used the internet. Males also had more access to the websites than did female employees. See **Table 12** in the Appendix for details.

5. RADIO AND TELEVISION

5.1 Public and Private Radio Station Broadcasting Hours

Table 5.1 below and **Table 13** in the Appendix, display public and private radio weekly broadcasting hours by quarter from 2011 to 2014. The figures suggest that programs that are highly broadcasted are General programs followed by Setswana and English programs. In Q4 2014, 5,487 hours were used for broadcasting General programs while 3,307 hours were used for broadcasting Setswana programs. English programs followed with 2,801 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 higher usage as compared to female employees; this is shown in **Table 14**.

Table 5.1: Public and Private Radio Weekly Broadcasting Hours by Quarter, 2014

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Broadcasting Programme					
General Programmes	5,463	5,475	5,487	5,487	21,912
Religious Programmes	197	198	197	197	789
Instructional/ Special Programmes	239	239	239	239	956
Commercial / Advertising Programmes	389	389	389	389	1,556
Setswana Programmes	3,307	3,307	3,307	3,307	13,228
English Programmes	2,801	2,801	2,801	2,801	11,204

Source: Information and Communication Technology Statistics, Statistics Botswana

5.3 Television Broadcasting Hours

Television weekly broadcasting hours for the year 2014 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 2014 followed by General programmes while Instructional/ Special programmes were not covered.

Table 5.2: Television Weekly Broadcasting Hours by Quarter, 2014

Broadcasting Programme	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
General Programmes	1,279	1,279	1,279	1,279	5,116
Religious Programmes	1,578	1,578	1,548	1,548	6,252
Commercial / Advertising Programmes	608	2,138	825	1,487	5,058
Setswana Programmes	918	918	918	918	3,672
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 2014, with female employees having the highest usage as compared to their male counterparts. In Q4 2014, 98.7 percent of television female employees used computers, a slight decrease by 1% from the previous year. While 93.5 percent of their male counterparts used them with a slight increase by 2 percent from the previous year as well. Females

also dominated in the use of the intranet, 72.7 percent of them used intranet which is a significant decrease by 12 percent from the previous year, while 47.8 percent of males used the intranet and also experienced a significant drop of 31.3 percent from 79.1 percent from the previous year. However, males dominated in the use of internet; 63.0 percent of males used the internet in Q4 2014 while 44.2 percent of females used it. Both experienced a drop by 18.0 and 35.5 percent from the previous year respectively. See the details in **Table 16**.

6. Contribution of Postal and Communication services to GDP

The contribution of Postal and Communications Services to GDP in real prices stood between 1.5 and 2.6 percent during the period 2006 to 2014. 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 2014 after having increased its value added by 9.7 percent between 2013 and 2014. These fluctuations are as result of revised figures.

Table 6: Contribution of Communication & Postal Services To Gross Domestic Product, 2006 - 2014

Year	Current Prices				Constant Prices			
	Total GDP (P Million)	Postal & Communication Services Value Added (P Million)	Postal & Communication Services Contribution To GDP (%)	Postal & Communication Services Annual Growth Rates (%)	Total GDP (P Million)	Postal & Communication Services Value Added (P Million)	Postal & Communication Services Contribution To GDP (%)	Postal & Communication Services Annual Growth Rates (%)
2006	59106.9	857.5	1.5		59,106.90	857.5	1.5	
2007	67152.7	1,002.00	1.5	16.9	63,999.00	995.4	1.6	16.1
2008	74,720.90	1,332.80	1.8	33	67,996.10	1257.2	1.8	26.3
2009	73,462.30	1,605.40	2.2	20.5	62,792.80	1,420.00	2.3	13
2010	86,867.50	1,930.50	2.2	20.3	68,170.10	1,605.30	2.4	13
2011	107,243.00	2,173.80	2	12.6	72,293.30	1,732.00	2.4	7.9
2012	112,704.70	2,393.50	2.1	10.1	75,786.20	1,864.30	2.5	7.6
2013	125,809.70	2,644.30	2.1	10.5	82,851.10	2,018.10	2.4	8.3
2014	141,942.30	3,058.30	2.2	15.7	86,514.00	2,214.20	2.6	9.7

Source: National Accounts Unit, Statistics Botswana

7. Household ownership and access to ICT

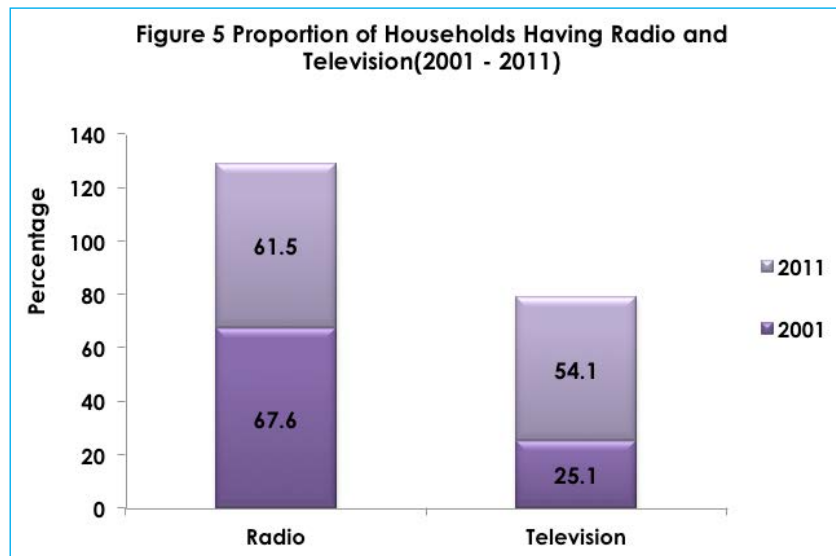
This section presents the results of the 2011 Botswana Population and Housing Census (BPHC) with respect to household ownership and access to information and communication technology.

7.1 Household ownership of a Radio

The proportion of households with a radio in Botswana stood at 61.5 percent of total households in 2011 as opposed to 67.6 percent in 2001. This reduction may be explained by the fact that nowadays computers, television sets and mobile cellular telephones consists of embedded radios. See **Figure 8.1** below and **Table 19** in the appendix.

7.2 Household ownership of a Television set

With respect to household ownership of television sets, the 2011 BPHC showed a different story from that of household ownership of a radio. Households with a television sets as a proportion of total households in Botswana, increased more than two folds in 2011. It rose from 25.1 percent recorded in 2001 to 54.1 percent in 2011. Unlike household ownership of a radio which has reduced over the ten year period, household ownership of television sets has instead increased. This is also shown in **Figure 8.1** below and **Table 19** in the appendix.

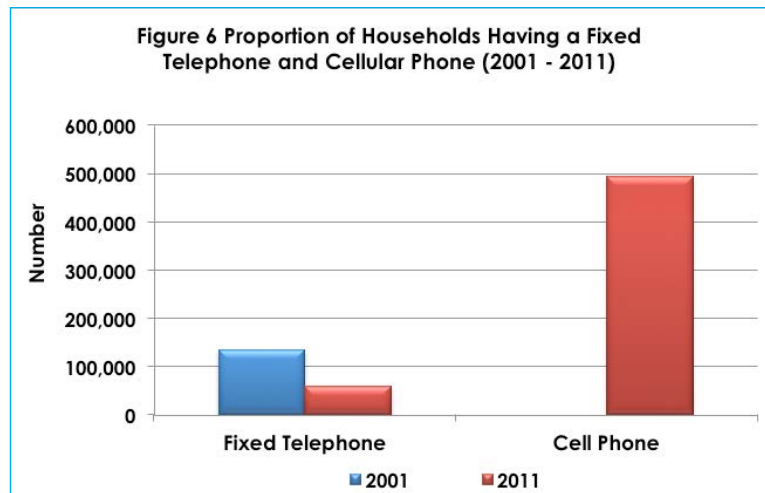


7.3 Household ownership of a fixed telephone

According to the 2011 Botswana Population and Housing Census, the proportion of households with access to a fixed telephone accounted for 10.8 percent of all households in Botswana as compared to 33.5 percent recorded in the 2001 BPHC. This showed a decrease of 22.7 percent. However, the fall is not only reflected in the proportion but also in the actual number of households owning a fixed telephone. Households with a working fixed telephone decreased from 135,546 households counted in 2001 to 59,672 in 2011, showing a reduction of 75,874 households.

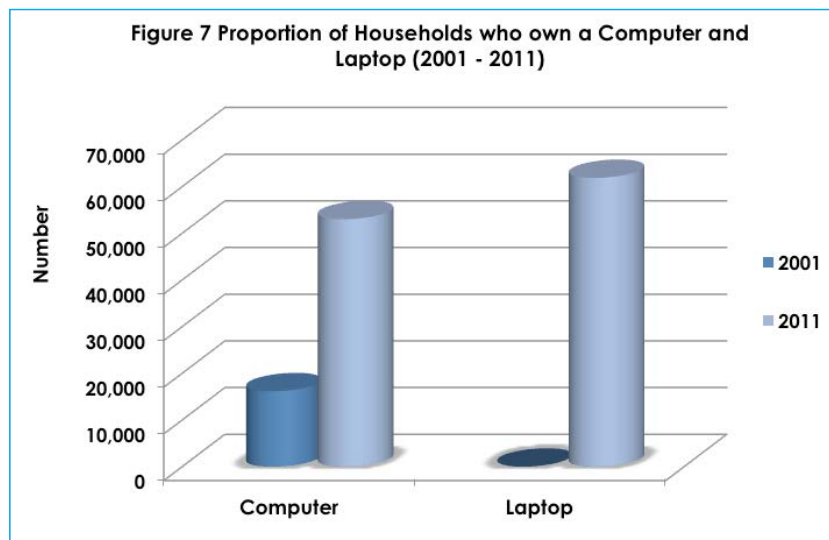
7.4 Households with individuals who own a mobile cellular telephone

As per the 2011 BPHC, the proportion of households with individuals who own a mobile cellular telephone amounted to 90 percent of total households in Botswana. They numbered 494,344 households out of a total of 550,919 households. Questions on ownership of mobile cellular telephones by individuals was not included in the 2001 BPHC because mobile cellular telephones were still new in Botswana, as such there is no comparison between the 2011 and 2001 BPHC of mobile cellular telephone ownership. However, according to the household surveys held between 2003 and 2008, the use and ownership of mobile cellular telephones has been increasing at an alarming rate. This is illustrated in **Figure 8.2** below.



7.5 Households ownership of a computer(desktop or laptop)

Figure 7 and **Table 19** show that ownership of a computer by households has seen a 16.9 percent increase with regards to the proportion of households owning a computer. The proportion rose from 4 percent in 2001 to 20.9 percent in 2011. Numerically, households which own a computer increased exponentially from 16,155 households counted in 2001 to 114,896 households in 2011.



7.6 Proportion of household ownership and access of ICT from population and Housing Censuses and Surveys

Table 19 shows the overall ownership and access of Information and Communication Technology in households from the 2001 and 2011 Population and Housing Censuses and the surveys which were carried out between 2001 and 2011 which included data collection on ICT ownership.

There is a significant growth in ownership of ICT for households in almost all the indicators. Access and ownership of television, cellphone, computer and radio have been increasing over the years. A decline was observed in the access and ownership of radios due to the improved use of technology in recent years; now cellphones and televisions have radio accessibility.

Table 20 illustrates household access and ownership of ICT indicators by gender. There is a high percentage of access and ownership amongst males as compared to females for all the ICT indicators in all the years as shown below.

APPENDIX I: TELECOMMUNICATIONS

Table 1: Information & Communication Technologies Subscriptions and Density, 2000 - 2014

ICT Access	2000	2001	2002	2003	2004	2005	2006	2007	2008
	Number								
Fixed Telephone Lines	123,819	135,900	148,155	131,399	131,774	136,463	132,034	136,946	142,282
Fixed Telephone Lines per 100 inhabitants	8	8	8	8	8	8	8	8	8
Mobile Cellular Subscriptions	106,029	222,190	332,264	444,978	522,840	571,437	825,076	1,153,768	1,559,102
Mobile Cellular Subscriptions per 100 inhabitants	13	13	20	26	31	33	47	66	88
Internet Subscriptions	46,583	57,653	56,588	56,662	56,474	56,312	74,627	92,751	111,014
Internet Subscriptions per 100 inhabitants	3	3	3	3	3	3	4	5	6
	Annual Percentage Change								
Fixed Telephone Lines		9.8	9.0	(11.3)	0.3	3.6	(3.2)	3.7	3.9
Fixed Telephone Lines per 100 inhabitants		-	-	-	-	-	-	-	-
Mobile Cellular Subscriptions		109.6	49.5	33.9	17.5	9.3	44.4	39.8	35.1
Mobile Cellular Subscriptions per 100 inhabitants		-	53.8	30.0	19.2	6.5	42.4	40.4	33.3
Internet Subscriptions		23.8	(1.8)	0.1	(0.3)	(0.3)	32.5	24.3	19.7
Internet Subscriptions per 100 inhabitants		-	-	-	-	-	33.3	25.0	20.0

Source: Botswana Communications Regulatory Authority (BOCRA)

Table 1 Cont'd: Information & Communication Technologies Subscriptions and Density, 2000 - 2014

ICT Access	2009	2010	2011	2012	2013	2014
	Number					
Fixed Telephone Lines	144,195	139,695	149,578	160,488	174,165	169,236
Fixed Telephone Lines per 100 inhabitants	8	8	7	8	9	8
Mobile Cellular Subscriptions	2,390,868	2,644,982	2,900,263	3,081,726	3,274,542	3,410,507
Mobile Cellular Subscriptions per 100 inhabitants	133	145	143	152	162	158
Internet Subscriptions	110,600	140,360	254,649	788,643	1472026	2,524,013
Internet Subscriptions per 100 inhabitants	6	8	13	39	72.0	117
	Annual Percentage Change					
Fixed Telephone Lines	1.3	(3.1)	7.1	7.3	8.5	-2.8
Fixed Telephone Lines per 100 inhabitants	-	-	(12.5)	13.2	8.5	-11
Mobile Cellular Subscriptions	53.3	10.6	9.7	6.3	6.3	4.2
Mobile Cellular Subscriptions per 100 inhabitants	51.1	9.0	(1.4)	6.4	6.3	-2.5
Internet Subscriptions	(0.4)	26.9	81.4	209.7	86.7	71.5
Internet Subscriptions per 100 inhabitants	-	33.3	62.5	200.0	84.6	62.5

Source: Botswana Communications Regulatory Authority (BOCRA)

Table 2: Internet Subscriptions by Quarter, 2011 - 2014

	2011				2012			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Internet Type	Number							
ADSL/fixed wireless	14,082	14,419	14,474	15,707	16,298	17,204	18,166	18,838
Mobile Internet	189,803	200,198	224,474	238,942	263,131	294,548	509,926	769,805
	Quarterly Percentage Change							
ADSL		2.4	0.4	8.5	3.8	5.6	5.6	3.7
Mobile Internet		5.5	12.1	6.4	10.1	11.9	73.1	51.0

Source: Botswana Communications Regulatory Authority

Table 2 Cont'd: Internet Subscriptions by Quarter, 2011 - 2014

	2013				2014			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Internet Type	Number							
ADSL/fixed wireless	19,388	23,224	25,309	27,819	22740	24800	26836	27867
Mobile Internet	958,074	1,098,523	1,259,561	1,444,207	1,655,921	1,898,671	2,177,007	2,496,146
	Quarterly Percentage Change							
ADSL	2.9	19.8	9	9.9	-18.3	9.1	8.2	3.8
Mobile Internet	24.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7

Source: Botswana Communications Regulatory Authority

Table 3: Telephone and Internet Subscriptions by Quarter, 2012 - 2014

Year	Quarter	Telephone Subscriptions				Internet	
		Mobile Cellular			Fixed Telephone	Fixed Broadband/ ADSL	Mobile
		Pre-Paid	Post Paid	Total			
2012	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
2013	Quarter 1	3,032,563	68,839	3,101,402	150,549	19,388	958,074
	Quarter 2	3,047,241	73,836	3,121,077	151,360	23,224	1,098,523
	Quarter 3	3,139,210	76,409	3,215,619	159,182	25,309	1,259,561
	Quarter 4	3,169,148	77,639	3,246,787	160,488	27,819	1,444,207
2014	Quarter 1	3,126,346	78,523	3,204,869	174,992	22,740	1,655,921
	Quarter 2	3,116,697	79,415	3,196,112	175,674	24,800	1,898,671
	Quarter 3	3,137,570	81,690	3,219,260	168,817	26,836	2,177,007
	Quarter 4	3,328,284	82,223	3,410,507	169,236	27,867	2,496,146

Source: Botswana Communications Regulatory Authority

Table 4 : Fixed telephone and Mobile Domestic and international traffic by Quarter(Minutes) 2014

1.Domestic Calls	2012			
	Q1	Q2	Q3	Q4
From fixed telephones to fixed telephones	44,807,471	46,165,242	46,058,747	42,992,250
From fixed telephones to mobile cellular phones	32,067,146	28,438,798	33,049,118	27,222,676
On Net Mobile Cellular Calls	305,145,554	378,223,041	384,652,300	408,930,424
Off Net Mobile Cellullar calls	127,875,946	92,329,860	126,175,464	151,690,137
From Mobile Cellular to Fixed telephones	86,208,330	6,156,853	13,173,891	12,449,792
2. International Calls				
Outgoing from Fixed Telephones	6,895,539	5,576,032	4,256,524	6,383,477
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
3. Short Message Service (SMS)				
On Net	188,337,052	182,518,901	217,903,594	224,910,519
Off Net	104,721,472	100,177,330	121,996,704	134,605,875

Source: Botswana Communications Regulatory Authority and Statistics Botswana

Table 4 Cont'd: Fixed telephone and Mobile Domestic and international traffic by Quarter(Minutes) 2014

1.Domestic Calls	2013				2014			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
From fixed telephones to fixed telephones	40,847,222	42,084,988	41,987,906	39,192,437	22992190	2369077575	39113572	424793378
From fixed telephones to mobile cellular phones	25,433,762	22,555,971	41,135,405	41,135,405	27010100	1697253376	29184702	390589346
On Net Mobile Cellular Calls	415,805,694	515,384,517	524,145,328	557,227,843	455270768	494674723	528763242	538595573
Off Net Mobile Cellullar calls	130,302,022	94,081,552	128,569,278	154,568,018	141011907	151200137	168612126	178652457
From Mobile Cellular to Fixed telephones	10,494,493	749,499	1,603,712	1,515,564	11881057	11691792	12121336	12105602
2. International Calls								
Outgoing from Fixed Telephones	6,313,054	4,819,138	7,227,225	7,147,494	2060221	19296867	4198532	671227267
Incoming to Fixed Telephones								
Outgoing from Mobile Cellular	14,312,615	19,279,307	20,024,820	16,831,081	15687913	15661291	16605584	16990114
3. Short Message Service (SMS)								
On Net	205,754,037	199,397,837	238,054,826	245,709,736	199930668	212301376	226876144	226930504
Off Net	72,501,473	69,355,442	84,461,578	93,191,244	129240709	135407579	160659629	146297194

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	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	1,725,548	665,289	28,967,032	2,038	8,466	3,264	142,119
2012	1,677,002	844,655	33,236,294	2,038	8,228	4,144	163,065
2013	1,629,822	1,072,379	38,134,775	2,038	7,996	5,261	187,098
2014	1,583,969	1,361,499	43,755,211	2,038	7,490	6,314	206,891

Source: Botswana Postal Services

Table 6: Recorded Mail Items (Priority and non Priority), 2011 - 2014

Year/ Quarter	Parcels				Registered Items				Express Mail Service				Grand Total
	Dispatched			Foreign	Dispatched			Foreign	Dispatched			Foreign	
	Domestic	Foreign	Total Posted	Received	Domestic	Foreign	Total Posted	Received	Domestic	Foreign	Total Posted	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
Total	18,590	840	19,430	16,431	325,445	20,616	346,061	19,960	-	8,533	8,533	3,899	414,314
2012													
Q1	6,555	294	6,849	3,502	77,096	2,958	80,054	4,589	-	2,242	2,242	1,375	98,611
Q2	5,435	311	5,746	3,750	75,164	5,225	80,389	5,058	-	1,559	1,559	1,276	97,778
Q3	4,276	192	4,468	3,451	56,590	7,038	63,628	4,922	-	2,390	2,390	1,333	80,192
Q4	4,261	197	4,458	3,793	49,972	6,311	56,283	4,869	-	2,483	2,483	1,583	73,469
Total	20,527	994	21,521	14,496	258,822	21,532	280,354	19,438	-	8,674	8,674	5,567	350,050
2013													
Q1	3,209	2,275	5,484	3,628	64,929	24,592	89,521	4,051	-	3,768	3,768	2,780	109,232
Q2	4,040	2,697	6,737	3,533	66,813	22,546	89,359	5,298	-	1,248	1,248	2,171	108,346
Q3	4,983	2,448	7,431	2,882	67,868	18,219	86,087	4,630	-	2,149	2,149	2,205	105,384
Q4	3,635	2,566	6,201	2,913	78,061	16,452	94,513	5,043	-	2,320	2,320	1,920	112,910
Total	15,867	9,986	25,853	12,956	277,671	81,809	359,480	19,022	-	9,485	9,485	9,076	435,872
2014													
Q1	4,882	189	5,071	1,249	71,013	13,775	84,788	4,320	1,048	664	1,712	338	91,571
Q2	4,738	142	4,880	2,620	70,989	13,886	84,875	5,178	1,382	664	2,046	419	91,801
Q3	4,630	35	4,665	2,345	62,229	12,629	74,858	4,776	2,291	759	3,050	325	82,573
Q4	3,948	7	3,955	988	64,017	11,382	75,399	4,956	2,299	480	2,779	640	82,133
Total	18,198	373	18,571	7,202	268,248	51,672	319,920	19,230	7,020	2,567	9,587	1,722	348,078

Source: Botswana Postal Services

Table 7: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2014

Year/ Quarter	Letter/Cards						Printed Matter					
	Dispatched			Received From Abroad	Total		Dispatched			Received From Abroad	Total	
	Domestic	Foreign	Total Dispatched				Domestic	Foreign	Total Dispatched			
2011												
Q1	3187	4909	5093	5401	18590		46,165	3,129	49,294	16,142	65,436	
Q2	144	97	451	148	840		30,786	4,640	35,426	12,165	47,591	
Q3	3,331	5,006	5,544	5,549	19,430		10,939	3,679	14,618	28,466	43,084	
Q4	3,380	3,980	4,132	4,939	16,431		46,165	3,129	49,294	16,142	65,436	
Total	6,711	8,986	9,676	10,488	35,861		134,055	14,577	148,632	72,915	221,547	
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	
Q2	8,852,980	143,279	8,996,259	357,875	9,354,134		7,510	1,764	9,274	27,746	37,020	
Q3	11,552,604	142,134	11,694,738	335,070	12,029,808		6,234	1,896	8,130	29,667	37,797	
Q4	5,196,855	125,973	5,322,828	372,728	5,695,556		3,907	1,587	5,494	53,926	59,420	
Total	33,188,822	545,652	33,734,474	1,475,314	35,209,788		24,946	9,696	34,642	144,647	179,289	
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	
Q2	10,270,293	132,735	10,403,028	315,379	10,718,407		1,832	671	2,503	63,283	65,786	
Q3	21,425,191	195,512	21,620,703	381,546	22,002,249		3,553	977	4,530	30,919	35,449	
Q4	3,692,437	87,749	3,780,186	309,335	4,089,521		331	805	1,136	180,152	181,288	
Total	43,256,592	515,678	43,772,270	1,379,898	45,152,168		6,869	8,779	15,648	343,083	358,731	
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	
Q2	56,444	5,985	62,429	22,798	85,227		459,877	1,218	461,095	45,515	506,610	
Q3	2,349	7,755	10,104	1,582	11,686		265,477	1,437	266,914	30,293	297,207	
Q4	121,929	6,155	128,084	92,817	220,901		281,216	1,196	282,412	117,039	399,451	
Total	7,908,249	25,516	7,933,765	237,179	8,170,944		1,294,783	9,239	1,304,022	243,866	1,547,888	

Source: Botswana Postal Services

Table 7 Cont'd: Unrecorded Mail Items (Priority and Non-Priority), 2011 - 2014

Year/ Quarter	Small Packets					Grand Total
	Dispatched			Received From Abroad	Total	
	Domestic	Foreign	Total Dispatched			
2011						
Q1	-	47	47	3,746	3,793	8,013,412
Q2	-	461	461	2,410	2,871	8,242,478
Q3	-	418	418	4,221	4,639	6,674,547
Q4	-	47	47	3,746	3,793	8,013,412
Total	-	973	973	14,123	15,096	30,943,849
2012						
Q1	-	84	84	4,867	4,951	8,180,293
Q2	-	369	369	4,291	4,660	9,395,814
Q3	-	414	414	3,900	4,314	12,071,919
Q4	-	417	417	4,482	4,899	5,759,875
Q4	-	1,284	1,284	17,540	18,824	35,407,901
2013						
Q1	-	150	150	6,323	6,473	8,424,672
Q2	-	295	295	7,640	7,935	10,792,128
Q3	-	410	410	3,603	4,013	22,041,711
Q4	-	3,700	3,700	5,363	9,063	4,279,872
Total	-	4,555	4,555	22,929	27,484	45,538,383
2014						
Q1	8,550	81	8,631	1,514	10,145	8,207,895
Q2	10,054	253	10,307	3,111	13,418	605,255
Q3	8,123	26	8,149	1,408	9,557	318,450
Q4	6,967	138	7,105	2,635	9,740	630,092
Total	33,694	498	34,192	8,668	42,860	9,761,692

Source: Botswana Postal Services

APPENDIX III: PRINT MEDIA

Table 8: The Number of Private & Government Owned Newspapers/Magazines Printed by Frequency, 2006 - 2014

	2006	2007	2008	2009	2010	2011	2012	2013	2014
Newspaper/Magazine	Number								
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	18,399,987
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	7,583,192
Magazines (issued once a month)	180,000	10,000	120,000	120,000	225,000	180,000	225,000	155,000	154,969
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	2,913,267
Total	29,073,276	27,259,883	21,898,144	27,227,398	27,274,274	29,061,327	33,880,002	29,051,485	29,051,415
	Annual Percentage Change								
Dailies (issued at least 4 times a week)		-	(15.1)	-	42.7	1.2	6.0	(12.9)	0.0
Non Dailies (issued once a week)		(41.6)	39.3	41.8	(28.0)	23.2	11.6	(19.6)	0.0
Magazines (issued once a month)		(94.4)	1,100.0	-	87.5	(20.0)	25.0	(31.1)	0.0
Advertising magazines (issued once a week)		40.9	(79.6)	200.0	(86.7)	-	514.6	(5.9)	0.0
Total		(6.2)	(19.7)	24.3	0.2	6.6	16.6	(14.3)	0.0

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 9: The Number of Printed Privately Owned Newspapers and Magazines, 2006 - 2014

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

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 10: Private Newspaper Net Sales (Pula), 2006 - 2014

	2006	2007	2008	2009	2010	2011	2012	2013	2014
Month	Number								
January	392,453	306,431	710,140	1,028,788	3,186,647	2,893,823	3,881,509	2,837,965	2,073,606
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
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
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
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
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
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
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
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
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
November	458,258	376,393	1,084,030	745,706	4,442,403	414,935	4,138,606	2,685,132	1,931,195
December	372,941	280,038	878,247	627,595	3,731,024	359,478	3,483,780	2,048,637	1,191,640
Total	5,204,393	4,281,969	12,593,652	13,642,498	51,469,854	32,008,169	46,129,085	30,022,024	22,397,730
	Percent of Total								
January	7.5	7.2	5.6	7.5	6.2	9.0	8.4	9.5	9.3
February	8.5	7.3	7.7	8.6	6.9	10.8	7.8	6.9	10.8
March	9.6	8.1	7.8	8.8	8.0	10.2	8.0	8.3	10.2
April	7.8	7.4	8.5	9.2	8.4	10.6	8.2	7.1	7.4
May	8.9	8.4	8.7	9.4	8.6	10.9	8.7	10.6	7.7
June	7.6	8.8	8.3	10.0	9.7	10.7	8.4	8.1	7.2
July	7.9	7.5	9.4	9.5	8.6	10.9	8.5	8.1	7.7
August	9.0	9.8	9.9	10.5	9.4	10.9	9.3	9.2	8.9
September	8.8	8.0	8.8	10.3	10.2	6.2	7.4	7.7	7.7
October	8.4	12.2	9.6	6.1	8.0	7.3	8.7	8.8	9.2
November	8.8	8.8	8.6	5.5	8.6	1.3	9.0	8.9	8.6
December	7.2	6.5	7.0	4.6	7.2	1.1	7.6	6.8	5.3
Total	100	100	100	100	100	100	100	100	100

Source: Information and Communication Technology Statistics Unit, Statistics Botswana

Table 11: Printed Magazines Net Sales, 2011 - 2014

Month	Printed Magazines		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
2012				
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
2013				
Q1	756,820	24.7	2,712,395	23.0
Q2	802,674	26.2	3,182,206	27.0
Q3	807,700	26.3	3,156,389	26.0
Q4	701,079	22.8	2,939,481	25.0
2014				
January	608,048	9.4	2,073,606	9.3
February	637,540	9.8	2,420,135	10.8
March	797,760	12.3	2,276,847	10.2
April	501,706	7.7	1,656,983	7.4
May	515,936	7.9	1,727,390	7.7
June	481,969	7.4	1,612,306	7.2
July	509,934	7.8	1,719,958	7.7
August	533,694	8.2	1,997,449	8.9
September	469,059	7.2	1,729,617	7.7
October	548,909	8.4	2,060,603	9.2
November	548,909	8.4	1,931,195	8.6
December	346,288	5.3	1,191,640	5.3
Total	6,499,752	100	22,397,730	100

Source: Information and Communication Technology Statistics,
Statistics Botswana

Table 12: Private Newspaper Employees by Gender and ICT Access, 2011 - 2014

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	176	154	154	145	140	142	117	115	106	106
2012	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
Percentage of Total										
2011	100.0	87.5	87.5	82.4	79.5	80.7	66.5	65.3	60.2	60.2
2012	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
2014										
January	245	179	167	80	122	191	121	121	61	99
February	245	179	167	80	122	191	121	121	61	99
March	256	175	183	96	133	189	126	113	55	91
April	248	171	173	91	120	189	131	110	55	89
May	248	172	174	92	121	189	131	110	55	89
June	248	166	168	82	120	184	131	110	55	89
July	249	173	173	91	130	182	132	111	55	88
August	248	165	162	81	120	178	128	107	55	84
September	249	172	164	91	119	178	128	107	54	83
October	250	177	177	94	122	176	126	105	54	82
November	250	175	172	88	120	177	127	107	56	84
December	250	174	165	73	111	177	127	107	56	84

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

APPENDIX IV: RADIO AND TELEVISION

Table 13: Public and Private Radio Broadcasting Hours, 2011 - 2014

Year		Programme					
Quarter/Month		General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English
Numbers							
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

Source: Information and Communications Technology Statistics Unit,
Statistics Botswana

Table 14: Public and Private Radio Employees by Gender and ICT Access, 2011 - 2014

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
Year/Quarter		Numbers									
2011	Q4	58	58	58	18	-	42	30	30	12	-
2012	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
2013	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
2014	Q1	77	51	51	33	33	36	34	34	22	22
	Q2	55	33	33	33	33	22	22	22	22	22
	Q3	56	33	33	33	33	22	22	22	22	22
	Q4	20	20	20	20	20	11	11	11	11	11
Year/Quarter		Percentage of Total									
2011	Q4	100	100.0	100.0	31.0	-	100	71.4	71.4	28.6	-
2012	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
2013	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
2014	Q1	100	66.2	66.2	42.9	42.9	100	94.4	94.4	61.1	61.1
	Q2	100	60.0	60.0	60.0	60.0	100	100.0	100.0	100.0	100.0
	Q3	100	58.9	58.9	58.9	58.9	100	100.0	100.0	100.0	100.0
	Q4	100	100.0	100.0	100.0	100.0	100	100.0	100.0	100.0	100.0

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

Table 15: Television Weekly Broadcasting Hours, 2011 - 2014

Year		Programme					
Quarter/Month		General	Religious	Instructional/ Special	Commercial/ Advertising	Setswana	English
Numbers							
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

Source: Information and Communications Technology Statistics Unit,
Statistics Botswana

Table 16: Public Television Employees by Gender and ICT Access, 2011 - 2014

Year/Quarter	Male					Female					
	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	Total Number	Using Computers	Connected to Internet	Using Intranet	Have Access To Website	
Numbers											
2011	Q4	77	77	77	77	75	75	75	75	75	75
2012	Q1	88	88	85	88	103	103	87	103	87	87
	Q2	91	91	85	91	112	112	87	112	87	87
	Q3	91	91	85	91	113	113	87	113	87	87
	Q4	91	91	85	91	114	114	87	114	87	87
2013	Q1	327	303	279	264	372	369	321	309	60	60
	Q2	334	310	279	271	387	384	321	324	60	60
	Q3	338	312	279	273	400	397	321	337	60	60
	Q4	345	315	282	273	403	400	321	340	60	60
2014	Q1	45	45	29	24	64	62	34	42	20	20
	Q2	41	41	29	20	64	63	34	43	20	20
	Q3	46	44	29	23	73	72	34	52	20	20
	Q4	46	43	29	22	77	76	34	56	20	20
Percentage of Total											
2011	Q4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2012	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
2013	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
2014	Q1	100.0	100.0	64.4	53.3	46.7	100.0	100.0	54.8	67.7	32.3
	Q2	100.0	100.0	70.7	48.8	51.2	100.0	98.4	54.0	68.3	31.7
	Q3	100.0	95.7	65.9	52.3	47.7	100.0	98.6	47.2	72.2	27.8
	Q4	100.0	93.5	67.4	51.2	48.8	100.0	98.7	44.7	73.7	26.3

Source: Information and Communications Technology Statistics Unit, Statistics Botswana

APPENDIX V: THE CONTRIBUTION OF ICT TO GDP

Table 17: Contribution of Communication & Postal Services To Gross Domestic Product, 2006 - 2014

Year	Current Prices				Constant Prices			
	Total GDP (P Million)	Postal & Communication Services Value Added (P Million)	Postal & Communication Services Contribution To GDP (%)	Postal & Communication Services Annual Growth Rates (%)	Total GDP (P Million)	Postal & Communication Services Value Added (P Million)	Postal & Communication Services Contribution To GDP (%)	Postal & Communication Services Annual Growth Rates (%)
2006	59106.9	857.5	1.5		59,106.90	857.5	1.5	
2007	67152.7	1,002.00	1.5	16.9	63,999.00	995.4	1.6	16.1
2008	74,720.90	1,332.80	1.8	33	67,996.10	1257.2	1.8	26.3
2009	73,462.30	1,605.40	2.2	20.5	62,792.80	1,420.00	2.3	13
2010	86,867.50	1,930.50	2.2	20.3	68,170.10	1,605.30	2.4	13
2011	107,243.00	2,173.80	2	12.6	72,293.30	1,732.00	2.4	7.9
2012	112,704.70	2,393.50	2.1	10.1	75,786.20	1,864.30	2.5	7.6
2013	125,809.70	2,644.30	2.1	10.5	82,851.10	2,018.10	2.4	8.3
2014	141,942.30	3,058.30	2.2	15.7	86,514.00	2,214.20	2.6	9.7

Source: National Accounts Unit, Statistics Botswana

APPENDIX VI: DEVELOPMENT INDEX (IDI)

Table 18: ICT DEVELOPMENT INDEX (IDI), 2012 - 2013

YEAR	Reginal rank	Global Rank	IDI	Global rank change
2013	5	104	4.01	-4
2012		100	3.94	

Source: Botswana Communications Regulatory Authority

Table 19: Household Ownership And Access To Information And Communication Technology, 2001 - 2011

	2001	2003	2006	2008	2011
Information & Communication Technology	Number				
Radio	273,382	246,814	300,388	399,896	338,758
Television	101,713	98,568	173,327	297,233	297,971
Fixed Telephone	135,546	63,084	60,583	144,446	59,672
Cell Phone	...	159,680	264,468	419,598	494,344
Computer	16,155	...	32,172	...	53,027
Laptop	...	...	...	...	61,869
Total Number of Households	404,706	394,272	415,432	523,088	550,919
Information & Communication Technology	Proportion				
Radio	0.68	0.63	0.72	0.76	0.61
Television	0.25	0.25	0.42	0.57	0.54
Fixed Telephone	0.33	0.16	0.15	0.28	0.11
Cell Phone	...	0.41	0.64	0.80	0.90
Computer	0.04	...	0.08	...	0.10
Laptop	...	...	...	...	0.11
Information & Communication Technology	Percentage				
Radio	67.6	62.6	72.3	76.4	61.5
Television	25.1	25.0	41.7	56.8	54.1
Fixed Telephone	33.5	16.0	14.6	27.6	10.8
Cell Phone	...	40.5	63.7	80.2	89.7
Computer	4.0	...	7.7	...	9.6
Laptop	...	...	...	...	11.2

Source: Statistics Botswana, Information & Communication Statistics

Note: ... denotes no data

Table 20: The Distribution of Households by Ownership of ICT and Gender of Household Head, 2006, 2008 & 2011

	2006				2008				2011			
	Male	Female	Both Sex	Total No. of Households	Male	Female	Both Sex	Total No. of Households	Male	Female	Both Sex	Total No. of Households
Information & Communication Technology	Number											
Working Radio	246,965	53,423	300,388	415,432	210,219	189,677	399,896	523,088	190,718	148,038	338,756	550,919
Working Television	144,252	29,075	173,327	415,432	157,085	140,147	297,233	523,088	162,464	135,505	297,969	550,919
Telephone	50,839	9,744	60,583	415,432	75,914	68,532	144,446	523,088	30,322	29,349	59,671	550,919
Cell Phone	212,712	51,756	264,468	415,432	221,622	197,976	419,598	523,088	257,974	236,368	494,342	550,919
Computer	28,670	3,502	32,172	415,432	...	...	...	...	72,419	42,476	114,895	550,919
Printed Media	...	...	...	...	193,570	166,065	359,635	523,088	...	...	...	...
Electronic Media	...	...	...	...	74,854	60,900	135,754	523,088	...	...	...	...
Information & Communication Technology	Proportion											
Working Radio	0.59	0.13	0.72	1.00	0.40	0.36	0.76	1.00	0.35	0.27	0.61	1.00
Working Television	0.35	0.07	0.42	1.00	0.30	0.27	0.57	1.00	0.29	0.25	0.54	1.00
Telephone	0.12	0.02	0.15	1.00	0.15	0.13	0.28	1.00	0.06	0.05	0.11	1.00
Cell Phone	0.51	0.12	0.64	1.00	0.42	0.38	0.80	1.00	0.47	0.43	0.90	1.00
Computer	0.07	0.01	0.08	1.00	...	...	...	...	0.13	0.08	0.21	1.00
Printed Media	...	...	...	...	0.37	0.32	0.69	1.00	...	...	...	...
Electronic Media	...	...	...	...	0.14	0.12	0.26	1.00	...	...	...	...
Information & Communication Technology	Percent of Total											
Working Radio	59.4	12.9	72.3	100	40.2	36.3	76.4	100	34.62	26.87	61.49	100
Working Television	34.7	7.0	41.7	100	30.0	26.8	56.8	100	29.49	24.60	54.09	100
Telephone	12.2	2.3	14.6	100	14.5	13.1	27.6	100	5.50	5.33	10.83	100
Cell Phone	51.2	12.5	63.7	100	42.4	37.8	80.2	100	46.83	42.90	89.73	100
Computer	6.90	0.84	7.74	100	...	...	...	...	13.15	7.71	20.86	100
Printed Media	...	...	...	...	37.0	31.7	68.8	100	...	...	...	...
Electronic Media	...	...	...	...	14.3	11.6	26.0	100	...	...	...	...

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Note: ... denotes no data

Table 21: The Distribution of Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type						Total No. of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	Desktop	Laptop	
	Number						
Gaborone	49,461	53,903	13,807	73,294	16077	21602	74957
Francistown	21,388	22,261	3,913	30,256	4258	4542	31297
Lobatse	6,269	5,891	1,176	8,739	1012	1174	9214
Selebi_Pikwe	11,146	11,354	1,746	15,560	1865	1715	16058
Orapa	2,506	2,723	912	3,235	984	804	3292
Jwaneng	3,990	4,034	892	5,718	846	916	5940
Sowa Town	800	993	174	1,162	258	208	1191
Ngwaketse	18,723	14,081	4,181	26,597	1887	2051	31480
Barolong	8,023	5,430	992	11,500	555	593	13758
Ngwaketse West	1,454	770	85	2,753	93	90	3556
South East	15,811	16,944	2,797	22,990	3748	4359	23990
Kweneng East	42,445	40,569	5,408	63,556	6573	6921	68317
Kweneng West	5,231	2,794	543	8,896	436	465	12231
Kgatleng	16,466	14,128	2,813	22,778	2391	2413	24915
Central Serowe Palapye	29,143	22,594	6,015	40,236	2968	3210	46188
Central Mahalapye	18,181	12,887	3,837	25,549	1472	1540	29795
Central Bobonong	11,396	7,922	2,472	16,321	820	953	19155
Central Boteti	8,427	5,868	682	11,853	711	756	14110
Central Tutume	21,203	15,289	2,703	32,223	1932	1958	38352
North East	9,558	8,144	1,129	14,335	884	999	15865
Ngamiland East	13,063	11,341	1,684	19,498	1407	2091	21736
Ngamiland West	6,002	3,321	391	9,967	307	457	13164
Chobe	4,372	4,434	446	6,297	468	638	6830
Okavango Delta	401	224	6	565	12	53	655
Ghanzi	6,351	4,805	474	9,008	530	700	11354
Central Kgalagadi Game Reserve (CKGR)	10	8		12	1	3	21
Kgalagadi South	3,991	3,060	257	6,729	321	380	7956
Kgalagadi North	2,947	2,199	137	4,717	211	278	5542
Total	338,758	297,971	59,672	494,344	53027	61869	550919

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 21b: The Proportions of Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type						Total No. of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	Desktop	Laptop	
	<i>Number</i>						
Gaborone	0.66	0.72	0.18	0.98	0.21	0.29	1.00
Francistown	0.68	0.71	0.13	0.97	0.14	0.15	1.00
Lobatse	0.68	0.64	0.13	0.95	0.11	0.13	1.00
Selebi_Pikwe	0.69	0.71	0.11	0.97	0.12	0.11	1.00
Orapa	0.76	0.83	0.28	0.98	0.30	0.24	1.00
Jwaneng	0.67	0.68	0.15	0.96	0.14	0.15	1.00
Sowa Town	0.67	0.83	0.15	0.98	0.22	0.17	1.00
Ngwaketse	0.59	0.45	0.13	0.84	0.06	0.07	1.00
Barolong	0.58	0.39	0.07	0.84	0.04	0.04	1.00
Ngwaketse West	0.41	0.22	0.02	0.77	0.03	0.03	1.00
South East	0.66	0.71	0.12	0.96	0.16	0.18	1.00
Kweneng East	0.62	0.59	0.08	0.93	0.10	0.10	1.00
Kweneng West	0.43	0.23	0.04	0.73	0.04	0.04	1.00
Kgatleng	0.66	0.57	0.11	0.91	0.10	0.10	1.00
Central Serowe Palapye	0.63	0.49	0.13	0.87	0.06	0.07	1.00
Central Mahalapye	0.61	0.43	0.13	0.86	0.05	0.05	1.00
Central Bobonong	0.59	0.41	0.13	0.85	0.04	0.05	1.00
Central Boteti	0.60	0.42	0.05	0.84	0.05	0.05	1.00
Central Tutume	0.55	0.40	0.07	0.84	0.05	0.05	1.00
North East	0.60	0.51	0.07	0.90	0.06	0.06	1.00
Ngamiland East	0.60	0.52	0.08	0.90	0.06	0.10	1.00
Ngamiland West	0.46	0.25	0.03	0.76	0.02	0.03	1.00
Chobe	0.64	0.65	0.07	0.92	0.07	0.09	1.00
Okavango Delta	0.61	0.34	0.01	0.86	0.02	0.08	1.00
Ghanzi	0.56	0.42	0.04	0.79	0.05	0.06	1.00
Central Kgalagadi Game Reserve (CKGR)	0.48	0.38	0.00	0.57	0.05	0.14	1.00
Kgalagadi South	0.50	0.38	0.03	0.85	0.04	0.05	1.00
Kgalagadi North	0.53	0.40	0.02	0.85	0.04	0.05	1.00
Total	0.61	0.54	0.11	0.90	0.10	0.11	1.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 21c: The Percentage of Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type						Total No. of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	Desktop	Laptop	
Gaborone	65.99	71.91	18.42	97.78	21.45	28.82	100.00
Francistown	68.34	71.13	12.50	96.67	13.61	14.51	100.00
Lobatse	68.04	63.94	12.76	94.84	10.98	12.74	100.00
Selebi_Pikwe	69.41	70.71	10.87	96.90	11.61	10.68	100.00
Orapa	76.12	82.72	27.70	98.27	29.89	24.42	100.00
Jwaneng	67.17	67.91	15.02	96.26	14.24	15.42	100.00
Sowa Town	67.17	83.38	14.61	97.57	21.66	17.46	100.00
Ngwaketse	59.48	44.73	13.28	84.49	5.99	6.52	100.00
Barolong	58.32	39.47	7.21	83.59	4.03	4.31	100.00
Ngwaketse West	40.89	21.65	2.39	77.42	2.62	2.53	100.00
South East	65.91	70.63	11.66	95.83	15.62	18.17	100.00
Kweneng East	62.13	59.38	7.92	93.03	9.62	10.13	100.00
Kweneng West	42.77	22.84	4.44	72.73	3.56	3.80	100.00
Kgatleng	66.09	56.70	11.29	91.42	9.60	9.68	100.00
Central Serowe Palapye	63.10	48.92	13.02	87.11	6.43	6.95	100.00
Central Mahalapye	61.02	43.25	12.88	85.75	4.94	5.17	100.00
Central Bobonong	59.49	41.36	12.91	85.20	4.28	4.98	100.00
Central Boteti	59.72	41.59	4.83	84.00	5.04	5.36	100.00
Central Tutume	55.29	39.86	7.05	84.02	5.04	5.11	100.00
North East	60.25	51.33	7.12	90.36	5.57	6.30	100.00
Ngamiland East	60.10	52.18	7.75	89.70	6.47	9.62	100.00
Ngamiland West	45.59	25.23	2.97	75.71	2.33	3.47	100.00
Chobe	64.01	64.92	6.53	92.20	6.85	9.34	100.00
Okavango Delta	61.22	34.20	0.92	86.26	1.83	8.09	100.00
Ghanzi	55.94	42.32	4.17	79.34	4.67	6.17	100.00
Central Kgalagadi Game Reserve (CKGR)	47.62	38.10	0.00	57.14	4.76	14.29	100.00
Kgalagadi South	50.16	38.46	3.23	84.58	4.03	4.78	100.00
Kgalagadi North	53.18	39.68	2.47	85.11	3.81	5.02	100.00
Total	61.49	54.09	10.83	89.73	9.63	11.23	100.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 22: The Distribution of Male Headed Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type				Total No. Of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	
	Number				
Gaborone	30,717	33,234	8,753	42,889	43,842
Francistown	12,260	12,578	2,048	16,398	16,927
Lobatse	3,717	3,425	615	4,778	5,062
Selebi_Pikwe	7,447	7,572	1,075	9,634	9,919
Orapa	1,712	1,896	628	1,994	2,008
Jwaneng	2,672	2,703	618	3,513	3,647
Sowa Town	579	703	123	798	816
Ngwaketse	9,923	6,792	1,816	13,085	15,772
Barolong	4,356	2,724	470	5,717	6,972
Ngwaketse West	850	409	38	1,424	1,852
South East	8,671	8,918	1,371	12,005	12,589
Kweneng East	24,252	22,366	2,480	34,580	37,251
Kweneng West	3,308	1,720	342	4,869	6,643
Kgatleng	9,092	7,066	1,234	11,966	13,325
Central Serowe Palapye	15,154	10,994	2,557	19,158	22,541
Central Mahalapye	9,166	5,785	1,491	11,552	13,874
Central Bobonong	5,840	3,661	975	7,439	9,059
Central Boteti	4,625	3,086	368	5,822	7,143
Central Tutume	10,872	7,181	1,115	14,918	18,285
North East	4,725	3,872	494	6,500	7,282
Ngamiland East	6,897	5,739	809	9,605	10,857
Ngamiland West	3,096	1,786	190	4,428	5,675
Chobe	2,547	2,501	241	3,438	3,721
Okavango Delta	215	122	3	301	332
Ghanzi	3,848	2,702	238	4,980	6,524
Central Kgalagadi Game Reserve (CKGR)	9	6	0	10	18
Kgalagadi South	2,386	1,676	141	3,596	4,319
Kgalagadi North	1,782	1,247	89	2,577	3,063
Total	190,718	162,464	30,322	257,974	289,318

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 22b: The Proportion of Male Headed Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type				Total No. Of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	
	Number				
Gaborone	0.70	0.76	0.20	0.98	1.00
Francistown	0.72	0.74	0.12	0.97	1.00
Lobatse	0.73	0.68	0.12	0.94	1.00
Selebi_Pikwe	0.75	0.76	0.11	0.97	1.00
Orapa	0.85	0.94	0.31	0.99	1.00
Jwaneng	0.73	0.74	0.17	0.96	1.00
Sowa Town	0.71	0.86	0.15	0.98	1.00
Ngwaketse	0.63	0.43	0.12	0.83	1.00
Barolong	0.62	0.39	0.07	0.82	1.00
Ngwaketse West	0.46	0.22	0.02	0.77	1.00
South East	0.69	0.71	0.11	0.95	1.00
Kweneng East	0.65	0.60	0.07	0.93	1.00
Kweneng West	0.50	0.26	0.05	0.73	1.00
Kgatleng	0.68	0.53	0.09	0.90	1.00
Central Serowe Palapye	0.67	0.49	0.11	0.85	1.00
Central Mahalapye	0.66	0.42	0.11	0.83	1.00
Central Bobonong	0.64	0.40	0.11	0.82	1.00
Central Boteti	0.65	0.43	0.05	0.82	1.00
Central Tutume	0.59	0.39	0.06	0.82	1.00
North East	0.65	0.53	0.07	0.89	1.00
Ngamiland East	0.64	0.53	0.07	0.88	1.00
Ngamiland West	0.55	0.31	0.03	0.78	1.00
Chobe	0.68	0.67	0.06	0.92	1.00
Okavango Delta	0.65	0.37	0.01	0.91	1.00
Ghanzi	0.59	0.41	0.04	0.76	1.00
Central Kgalagadi Game Reserve (CKGR)	0.50	0.33	0.00	0.56	1.00
Kgalagadi South	0.55	0.39	0.03	0.83	1.00
Kgalagadi North	0.58	0.41	0.03	0.84	1.00
Total	0.66	0.56	0.10	0.89	1.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 22c: The Percentage of Male Headed Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type				Total No. Of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	
	Number				
Gaborone	70.06	75.80	19.96	97.83	100.00
Francistown	72.43	74.31	12.10	96.87	100.00
Lobatse	73.43	67.66	12.15	94.39	100.00
Selebi_Pikwe	75.08	76.34	10.84	97.13	100.00
Orapa	85.26	94.42	31.27	99.30	100.00
Jwaneng	73.27	74.12	16.95	96.33	100.00
Sowa Town	70.96	86.15	15.07	97.79	100.00
Ngwaketse	62.92	43.06	11.51	82.96	100.00
Barolong	62.48	39.07	6.74	82.00	100.00
Ngwaketse West	45.90	22.08	2.05	76.89	100.00
South East	68.88	70.84	10.89	95.36	100.00
Kweneng East	65.10	60.04	6.66	92.83	100.00
Kweneng West	49.80	25.89	5.15	73.30	100.00
Kgatleng	68.23	53.03	9.26	89.80	100.00
Central Serowe Palapye	67.23	48.77	11.34	84.99	100.00
Central Mahalapye	66.07	41.70	10.75	83.26	100.00
Central Bobonong	64.47	40.41	10.76	82.12	100.00
Central Boteti	64.75	43.20	5.15	81.51	100.00
Central Tutume	59.46	39.27	6.10	81.59	100.00
North East	64.89	53.17	6.78	89.26	100.00
Ngamiland East	63.53	52.86	7.45	88.47	100.00
Ngamiland West	54.56	31.47	3.35	78.03	100.00
Chobe	68.45	67.21	6.48	92.39	100.00
Okavango Delta	64.76	36.75	0.90	90.66	100.00
Ghanzi	58.98	41.42	3.65	76.33	100.00
Central Kgalagadi Game Reserve (CKGR)	50.00	33.33	0.00	55.56	100.00
Kgalagadi South	55.24	38.81	3.26	83.26	100.00
Kgalagadi North	58.18	40.71	2.91	84.13	100.00
Total	65.92	56.15	10.48	89.17	100.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 23: The Distribution of Female Headed Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type				Total No. Of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	
	Number				
Gaborone	18,744	20,669	5,054	30,405	31,115
Francistown	9,128	9,683	1,865	13,858	14,370
Lobatse	2,552	2,466	561	3,961	4,152
Selebi_Pikwe	3,699	3,782	671	5,926	6,139
Orapa	794	827	284	1,241	1,284
Jwaneng	1,318	1,331	274	2,205	2,293
Sowa Town	221	290	51	364	375
Ngwaketse	8,800	7,289	2,365	13,512	15,708
Barolong	3,667	2,706	522	5,783	6,786
Ngwaketse West	604	361	47	1,329	1,704
South East	7,140	8,026	1,426	10,985	11,401
Kweneng East	18,193	18,203	2,928	28,976	31,066
Kweneng West	1,923	1,074	201	4,027	5,588
Kgatleng	7,374	7,062	1,579	10,812	11,590
Central Serowe Palapye	13,988	11,599	3,458	21,077	23,646
Central Mahalapye	9,015	7,102	2,346	13,997	15,921
Central Bobonong	5,556	4,261	1,497	8,882	10,096
Central Boteti	3,802	2,782	314	6,031	6,967
Central Tutume	10,331	8,108	1,588	17,305	20,067
North East	4,833	4,272	635	7,835	8,583
Ngamiland East	6,165	5,601	874	9,892	10,878
Ngamiland West	2,906	1,535	201	5,539	7,489
Chobe	1,825	1,933	205	2,859	3,109
Okavango Delta	186	102	3	264	323
Ghanzi	2,503	2,103	236	4,028	4,830
Central Kgalagadi Game Reserve (CKGR)	1	2	0	2	3
Kgalagadi South	1,605	1,384	116	3,133	3,637
Kgalagadi North	1,165	952	48	2,140	2,479
Total	148,038	135,505	29,349	236,368	261,599

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 23b: The Proportion of Female Headed Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type				Total No. Of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	
	Number				
Gaborone	0.60	0.66	0.16	0.98	1.00
Francistown	0.64	0.67	0.13	0.96	1.00
Lobatse	0.61	0.59	0.14	0.95	1.00
Selebi_Pikwe	0.60	0.62	0.11	0.97	1.00
Orapa	0.62	0.64	0.22	0.97	1.00
Jwaneng	0.57	0.58	0.12	0.96	1.00
Sowa Town	0.59	0.77	0.14	0.97	1.00
Ngwaketse	0.56	0.46	0.15	0.86	1.00
Barolong	0.54	0.40	0.08	0.85	1.00
Ngwaketse West	0.35	0.21	0.03	0.78	1.00
South East	0.63	0.70	0.13	0.96	1.00
Kweneng East	0.59	0.59	0.09	0.93	1.00
Kweneng West	0.34	0.19	0.04	0.72	1.00
Kgatleng	0.64	0.61	0.14	0.93	1.00
Central Serowe Palapye	0.59	0.49	0.15	0.89	1.00
Central Mahalapye	0.57	0.45	0.15	0.88	1.00
Central Bobonong	0.55	0.42	0.15	0.88	1.00
Central Boteti	0.55	0.40	0.05	0.87	1.00
Central Tutume	0.51	0.40	0.08	0.86	1.00
North East	0.56	0.50	0.07	0.91	1.00
Ngamiland East	0.57	0.51	0.08	0.91	1.00
Ngamiland West	0.39	0.20	0.03	0.74	1.00
Chobe	0.59	0.62	0.07	0.92	1.00
Okavango Delta	0.58	0.32	0.01	0.82	1.00
Ghanzi	0.52	0.44	0.05	0.83	1.00
Central Kgalagadi Game Reserve (CKGR)	0.33	0.67	0.00	0.67	1.00
Kgalagadi South	0.44	0.38	0.03	0.86	1.00
Kgalagadi North	0.47	0.38	0.02	0.86	1.00
Total	0.57	0.52	0.11	0.90	1.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 23c: The Percentage of Female Headed Households by District and Access to Media by Type, 2011

District	Household Access to Media by Type				Total No. Of Households
	Working Radio	Working Television	Fixed Telephone	Cell Phone	
	Number				
Gaborone	60.24	66.43	16.24	97.72	100.00
Francistown	63.52	67.38	12.98	96.44	100.00
Lobatse	61.46	59.39	13.51	95.40	100.00
Selebi_Pikwe	60.25	61.61	10.93	96.53	100.00
Orapa	61.84	64.41	22.12	96.65	100.00
Jwaneng	57.48	58.05	11.95	96.16	100.00
Sowa Town	58.93	77.33	13.60	97.07	100.00
Ngwaketse	56.02	46.40	15.06	86.02	100.00
Barolong	54.04	39.88	7.69	85.22	100.00
Ngwaketse West	35.45	21.19	2.76	77.99	100.00
South East	62.63	70.40	12.51	96.35	100.00
Kweneng East	58.56	58.59	9.43	93.27	100.00
Kweneng West	34.41	19.22	3.60	72.07	100.00
Kgatleng	63.62	60.93	13.62	93.29	100.00
Central Serowe Palapye	59.16	49.05	14.62	89.14	100.00
Central Mahalapye	56.62	44.61	14.74	87.92	100.00
Central Bobonong	55.03	42.20	14.83	87.98	100.00
Central Boteti	54.57	39.93	4.51	86.57	100.00
Central Tutume	51.48	40.40	7.91	86.24	100.00
North East	56.31	49.77	7.40	91.29	100.00
Ngamiland East	56.67	51.49	8.03	90.94	100.00
Ngamiland West	38.80	20.50	2.68	73.96	100.00
Chobe	58.70	62.17	6.59	91.96	100.00
Okavango Delta	57.59	31.58	0.93	81.73	100.00
Ghanzi	51.82	43.54	4.89	83.40	100.00
Central Kgalagadi Game Reserve (CKGR)	33.33	66.67	0.00	66.67	100.00
Kgalagadi South	44.13	38.05	3.19	86.14	100.00
Kgalagadi North	46.99	38.40	1.94	86.33	100.00
Total	56.59	51.80	11.22	90.36	100.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 24: The Distribution of Households by Location and Access to Media by Type, 2011

Location	Household Access to Media by Type					Total No. of Households
	Working Radio	Working Television	Fixed Telephone	Desktop	Laptop	
	Number					
Cities/ Towns	95560	101159	22620	25300	30961	141,949
Urban Villages	140145	139803	26411	21125	23182	215,594
Rural Villages	103,053	57,009	10641	6,602	7,726	121,776
Total	338758	297971	59672	53027	61869	550,919
Location	Proportion					
Cities/ Towns	0.67	0.71	0.16	0.18	0.22	1.00
Urban Villages	0.65	0.65	0.12	0.10	0.11	1.00
Rural Villages	0.85	0.47	0.09	0.05	0.06	1.00
Total	0.61	0.54	0.11	0.10	0.11	1.00
Location	Percent of Total					
Cities/ Towns	67.3	71.3	15.9	17.8	21.8	100.00
Urban Villages	65.0	64.8	12.3	9.8	10.8	100.00
Rural Villages	84.6	46.8	8.7	5.4	6.3	100.00
Total	61.5	54.1	10.8	9.6	11.2	100.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 24b: The Distribution of Households Males by Location and Access to Media by Type, 2011

Location	Household Access to Media by Type					Total No. of Households
	Working Radio	Working Television	Fixed Telephone	Desktop	Laptop	
	Number					
Cities/ Towns	59104	62111	13860	17429	20682	82,221
Urban Villages	71443	70247	11411	12359	13231	102,993
Rural Villages	30665	21775	3690	2726	2996	51,212
Total	161212	154133	28961	32514	36909	289,318
Location	Proportion					
Cities/ Towns	0.72	0.76	0.17	0.21	0.25	1.00
Urban Villages	0.69	0.68	0.11	0.12	0.13	1.00
Rural Villages	0.60	0.43	0.07	0.05	0.06	1.00
Total	0.56	0.53	0.10	0.11	0.13	1.00
Location	Percent of Total					
Cities/ Towns	71.9	75.5	16.9	21.2	25.2	100.00
Urban Villages	69.4	68.2	11.1	12.0	12.8	100.00
Rural Villages	59.9	42.5	7.2	5.3	5.9	100.00
Total	55.7	53.3	10.0	11.2	12.8	100.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 24c: The Distribution of Household Females by Location and Access to Media by Type, 2011

Location	Household Access to Media by Type					Total No. of Households
	Working Radio	Working Television	Fixed Telephone	Desktop	Laptop	
	<i>Number</i>					
Cities/ Towns	36456	39048	8760	7871	10279	59,728
Urban Villages	68701	69555	14999	8766	9950	112,600
Rural Villages	33751	23888	5139	2155	2539	70,563
Total	138908	132491	28898	18792	22768	261,599
	<i>Proportion</i>					
Cities/ Towns	0.61	0.65	0.15	0.13	0.17	1.00
Urban Villages	0.61	0.62	0.13	0.08	0.09	1.00
Rural Villages	0.48	0.34	0.07	0.03	0.04	1.00
Total	0.53	0.51	0.11	0.07	0.09	1.00
	<i>Percent of Total</i>					
Cities/ Towns	61.0	65.4	14.7	13.2	17.2	100.00
Urban Villages	61.0	61.8	13.3	7.8	8.8	100.00
Rural Villages	47.8	33.9	7.3	3.1	3.6	100.00
Total	53.1	50.6	11.0	7.2	8.7	100.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 25: Ownership Of Information & Communication Technology By Gender And Employment Status Of Household Head, 2011

Gender And Information & Communication Technology	Occupation Group							Total
	Employees		Self Employed		Worked But Not For Cash			
	Paid Cash	Paid In Kind	No Employees	With Employees	Unpaid Family Helper	Worked In Own Lands/Cattlepost	Unknown	
Both Sexes	<i>Number of Household Heads</i>							
Radio	144,019	572	14,101	8,336	1,037	6,557	79	174,701
Television	68,732	129	4,991	5,969	116	708	36	80,681
Computer	10,885	30	562	2,275	10	57	8	13,827
Telephone	86,290	183	6,758	6,824	224	1,224	48	101,551
Total	309,926	914	26,412	23,404	1,387	8,546	171	370,760
Males	<i>Number of Household Heads</i>							
Radio	96,628	409	7,138	6,690	629	5,191	38	116,723
Television	46,775	78	2,766	4,926	61	563	20	55,189
Computer	8,375	22	400	2,036	4	47	4	10,888
Telephone	55,150	122	3,431	5,532	120	948	23	65,326
Total	206,928	631	13,735	19,184	814	6,749	85	248,126
Females	<i>Number of Household Heads</i>							
Radio	47,391	163	6,963	1,646	408	1,366	41	57,978
Television	21,957	51	2,225	1,043	55	145	16	25,492
Computer	2,510	8	162	239	6	10	4	2,939
Telephone	31,140	61	3,327	1,292	104	276	25	36,225
Total	102,998	283	12,677	4,220	573	1,797	86	122,634

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

Table 26: Households by Household-Size Group and Principal Energy Source Used for Lighting, 2011

Principal Source of Energy for Lighting	Household Size										Botswana Total
	1	2	3	4	5	6	7	8	9	10+	
	Number										
Electricity	78,604	54,644	44,418	37,762	27,642	18,284	11,366	7,187	4,653	8,771	293,331
Solar Power	1,229	499	372	245	176	100	55	38	22	48	2,784
Other	73,103	44,289	32,360	27,035	21,901	16,713	11,960	8,378	6,165	12,899	254,803
Total	152,936	99,432	77,150	65,042	49,719	35,097	23,381	15,603	10,840	21,718	550,918
	Percent of Total										
Electricity	26.80	18.63	15.14	12.87	9.42	6.23	3.87	2.45	1.59	2.99	100.00
Solar Power	44.15	17.92	13.36	8.80	6.32	3.59	1.98	1.36	0.79	1.72	100.00
Other	28.69	17.38	12.70	10.61	8.60	6.56	4.69	3.29	2.42	5.06	100.00
	Proportion										
Electricity	0.27	0.19	0.15	0.13	0.09	0.06	0.04	0.02	0.02	0.03	1.00
Solar Power	0.44	0.18	0.13	0.09	0.06	0.04	0.02	0.01	0.01	0.02	1.00
Other	0.29	0.17	0.13	0.11	0.09	0.07	0.05	0.03	0.02	0.05	1.00

Source: Statistics Botswana, Botswana Population and Housing Census, 2011

APPENDIX VIII: 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 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

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..

1.3 Fixed Telephone

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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

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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.



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