



# Botswana Household Access To Information & Communication Technology

**2019 Stats Brief**

Private Bag 0024

Gaborone

Botswana

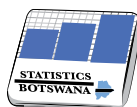
**Tel:** 3671300

**Fax:** 3952201

**Toll Free:** 0800 600 200

**E-mail:** [info@statsbots.org.bw](mailto:info@statsbots.org.bw)

**Website:** <http://www.statsbots.org.bw>



**STATISTICS BOTSWANA**

**BOTSWANA HOUSEHOLD ACCESS TO INFORMATION AND COMMUNICATION TECHNOLOGY  
2019 STATS BRIEF**

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

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

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## PREFACE

This Stats Brief presents the results of the Information and Communication Technology (ICT) Module which was included in the 2019 Quarterly Multi-Topic Survey (QMTS).

The main objective of the ICT Module was to measure accessibility and penetration of Information and Communication Technologies (ICTs) in Botswana households. The survey was conducted during July – September 2019 and covered the whole country.

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

Statistics Botswana is grateful for the assistance and cooperation of individuals, households and organizations which participated towards the successful execution of the 2019 Quarterly Multi-Topic Survey (QMTS).



**Dr. Burton Mguni**  
**Statistician General**  
**May 2020**

# 1. INTRODUCTION

## 1.1 Background

This release, shows household access to Information and Communications Technology indicators for the year 2019 as revealed by the 2019 ICT Household Module. The ICT Household Module was included in the Quarterly Multi-Topic Survey (QMTS) which Statistics Botswana enrolled for the first time in July 2019. Before this module, household access to Information and Communications Technology indicators were produced through the stand-alone ICT Household survey in 2014.

The Brief presents results relating to household access to:

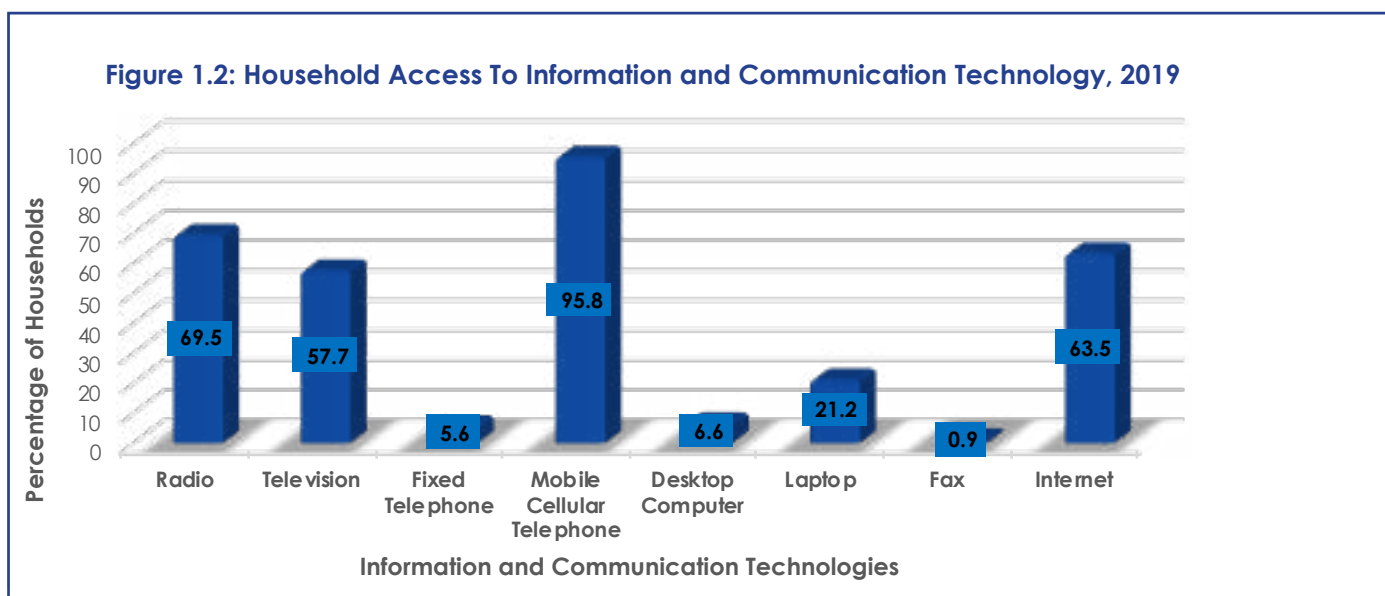
- Radio
- Television
- Desktop Computer
- Laptop
- Fixed Telephone
- Mobile Cellular Telephone
- Internet
- Fax

## 1.2 Summary of Key Statistics

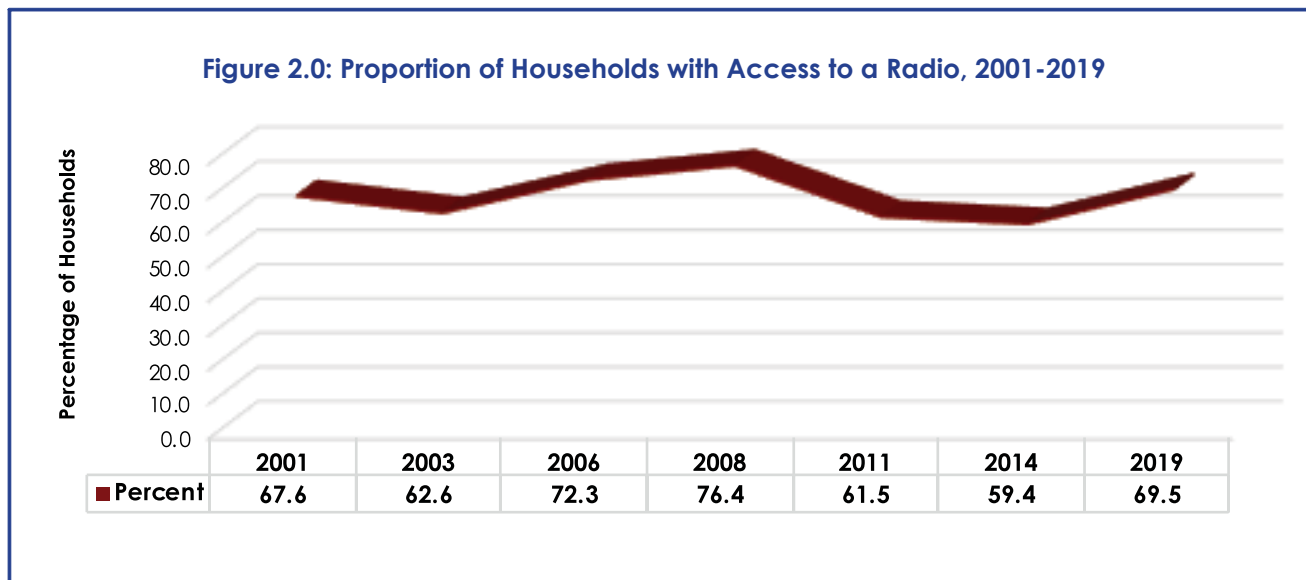
According to the 2019 ICT Household Module, a total of 668,387 households were recorded as compared to the 606,071 households shown in the 2014 ICT Household Survey. This showed a growth of 10.3 percent. A total of 484,231 households had access to electricity in 2019 as compared to 384,000 households in 2014, registering a 26.1 percent increase in households with access to electricity.

Key statistics from the 2019 ICT Household Module which are shown in **Table 1** of **Appendix** and **Figure 1.2** below are as follows:

- 69.5 percent of all households in 2019 had access to a radio
- 57.7 percent of all households had access to a television
- 6.6 percent of all households had access to a desktop computer
- 21.2 percent of all households had access to a laptop
- 5.6 percent of all households had access to a fixed telephone
- 95.8 percent of all households had access to a mobile cellular telephone
- 63.5 percent of all households had access to the internet
- 0.9 percent of all households had access to a fax

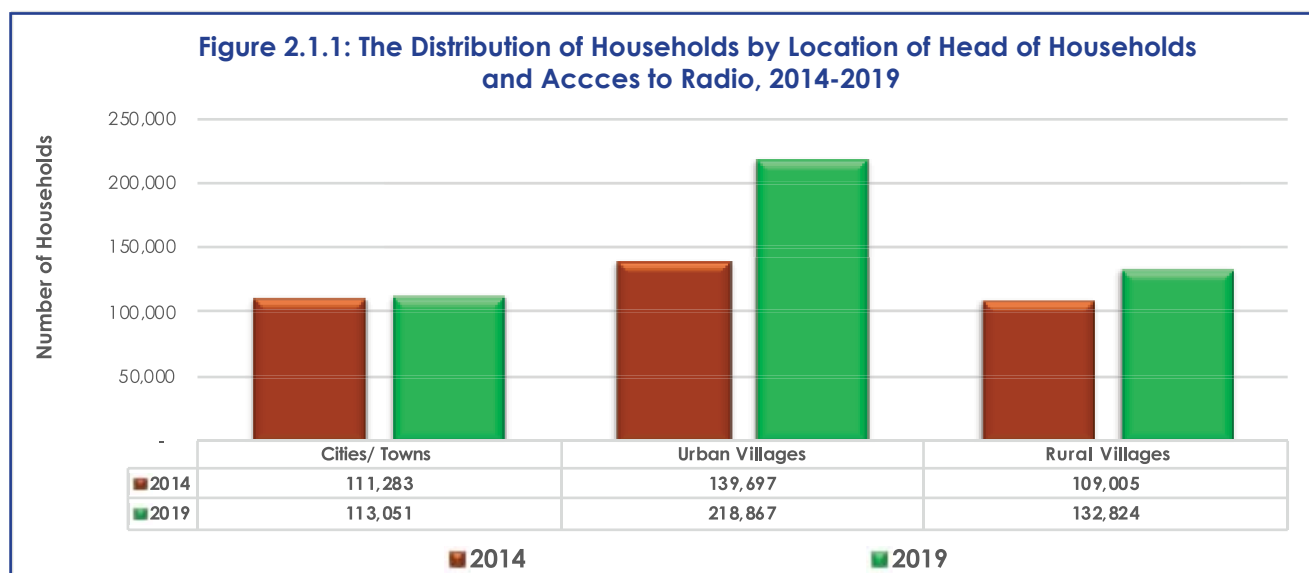


## 2. HOUSEHOLD ACCESS TO A RADIO



In 2019, 69.5 percent of all households had access to a radio. This was an increase of 10.1 percentage points from 59.4 percent which was realized in 2014. Details are shown in [Figure 2.0](#) above and [Table 1](#) in [Appendix](#).

### 2.1 Household Access to a Radio by Location and Gender of the Household Head



**Figure 2.1.1** Household access to a radio was highest amongst households in urban villages in 2019. A total of 218,867 households had access to a radio in urban villages in 2019 while a total of 132,824 and 113,051 households were recorded in rural villages and cities/towns respectively. Comparison of 2019 and 2014 showed that household radio access in urban villages increased by 56.7 percent followed by rural villages with 21.9 percent increase while cities and towns increased by 1.6 percent. See [Table 2](#) in the [Appendix](#) for more details.

**Figure 2.1.2: The Proportion of Households With and Without Access to a Radio, 2014 - 2019**

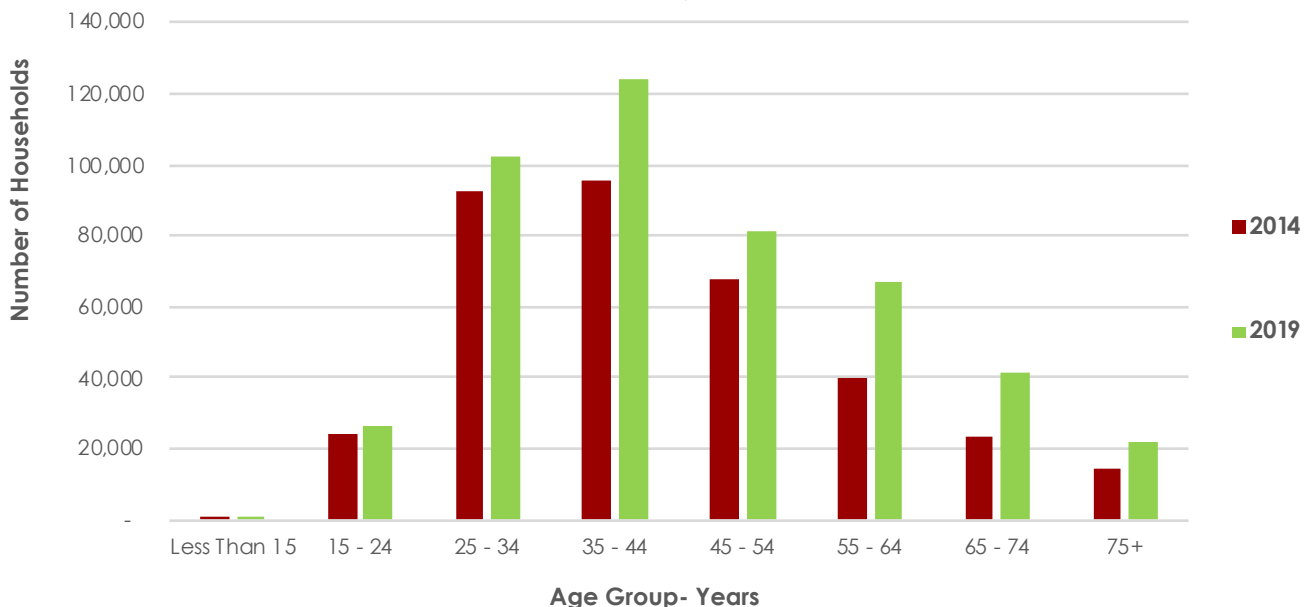


Figure 2.1.2 above shows that in 2019, 76.7 percent of all households had access to a radio in cities and towns while 23.3 percent of them did not have access. In urban villages 73.9 percent of all households had radio access while 26.1 percent of them did not have radio access. Rural villages consisted of 59.1 percent of all households with access to a radio and 40.9 percent of households which did not have radio access.

In 2019, household access to a radio was highest within the male headed households than the female headed ones. Male headed households with access to a radio constituted 40.6 percent of all male headed households while those which did not have access to a radio made up 59.4 percent of the total. Female headed households with access to a radio, on the other hand, constituted only 28.9 percent of total female headed households while the remaining 71.1 percent was made up of those female headed households which did not have radio access. Details are in Tables 3, 4 and 5 in Appendix.

## 2.2 Household Access to a Radio by Age Group of Household Head

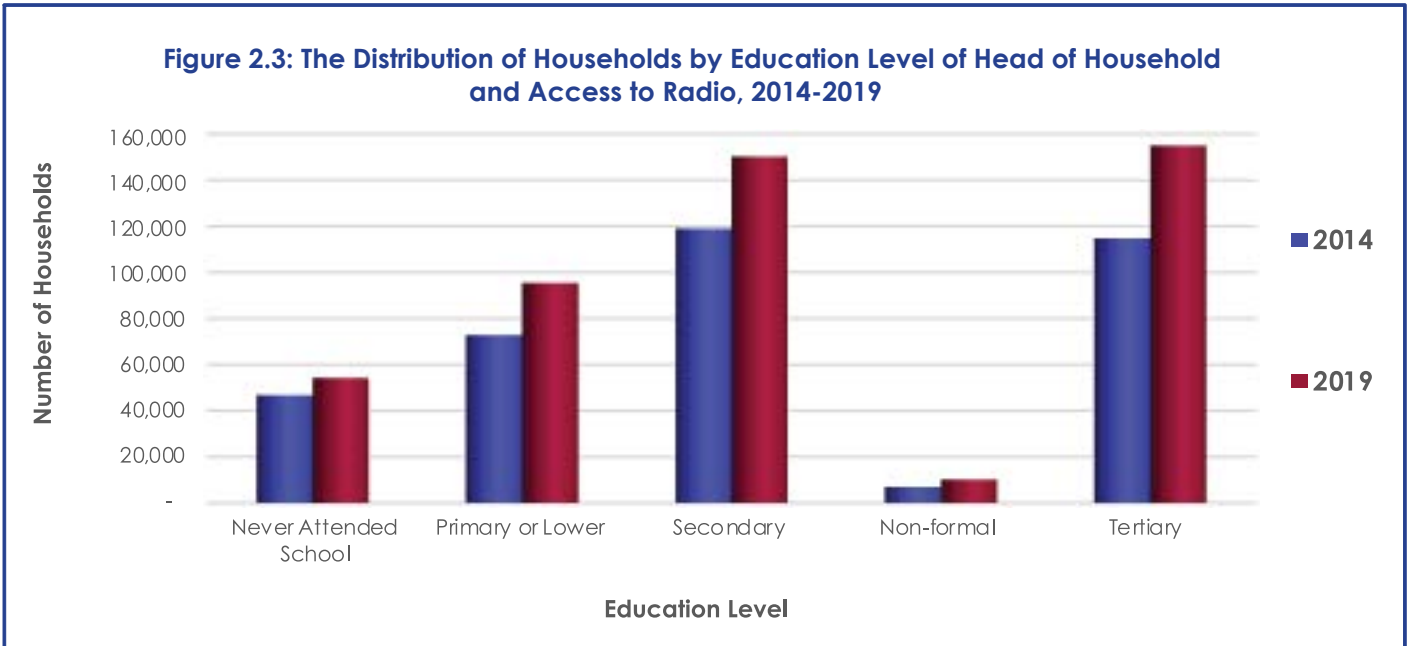
**Figure 2.2: The Distribution of Households by Age Group of Head of Household and Access to Radio, 2014-2019**



In 2019, households headed by an age group of aged 35-44 years constituted the largest proportion of households which have access to a radio. They made up 26.7 percent of the total. Households headed by an age group of 25-34 years followed with 22.1 percent. Households headed by those aged below 15 years and those aged 75 years and above constituted the smallest proportion of households with radio access. See Figure 2.2 above and Table 6 in Appendix.

### 2.3 Household Access to a Radio by Education Level of Household Head

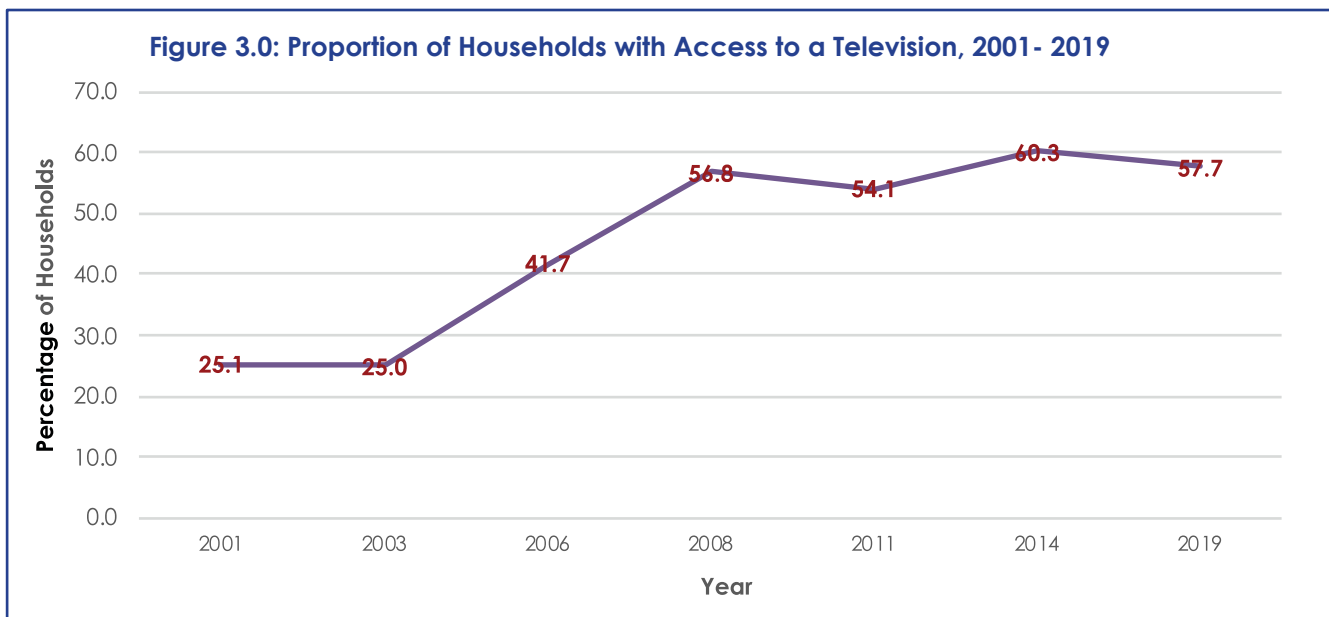
With regard to education level of the head of household, households headed by those with tertiary education formed the largest proportion amongst household with access to a radio in 2019. They made up 33.3 percent of the total. Household headed by those with secondary school education followed with a 32.3 percent. Details are as shown in **Figure 2.3** below and **Table 7** in **Appendix**.



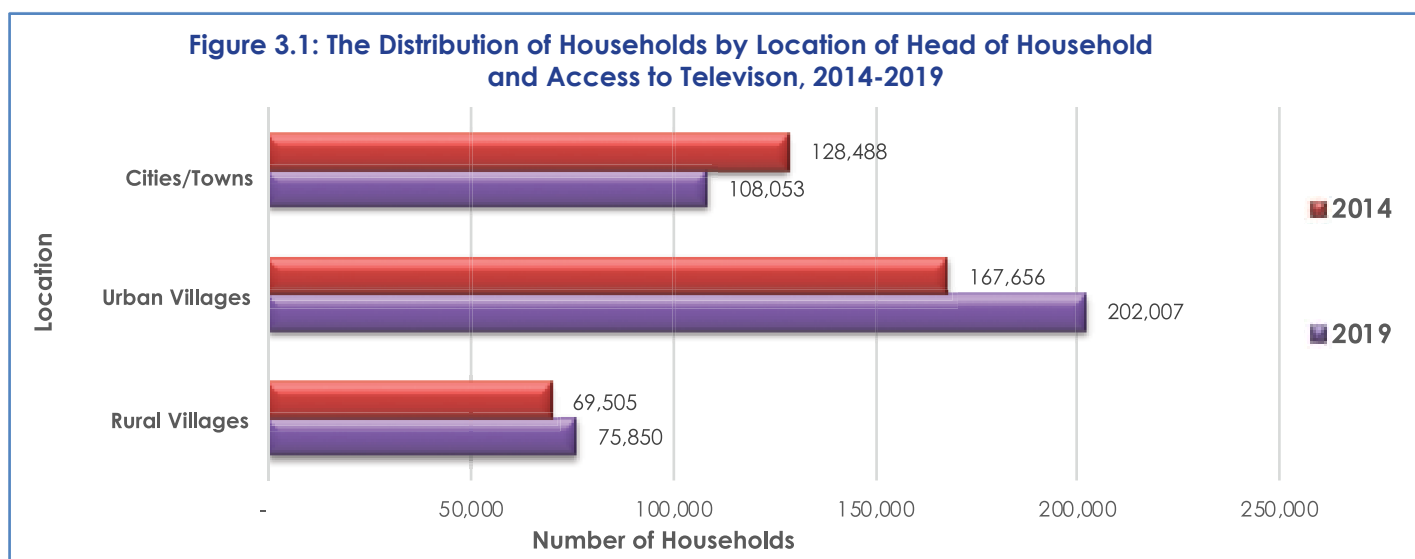


### 3. HOUSEHOLD ACCESS TO A TELEVISION

The 2019 ICT Household Module revealed that 57.7 percent of all households had access to a television, a fall of 2.6 percentage points from the 60.3 percent which was realized in 2014. In terms of actual number of households however, there was an increase of 5.5 percent from the 365,650 households recorded in 2014 to 385,910 households in 2019. Refer to **Table 1** in **Appendix** and **Figure 3.0** below.



#### 3.1 Household Access to a Television by Location and Gender of the Household Head

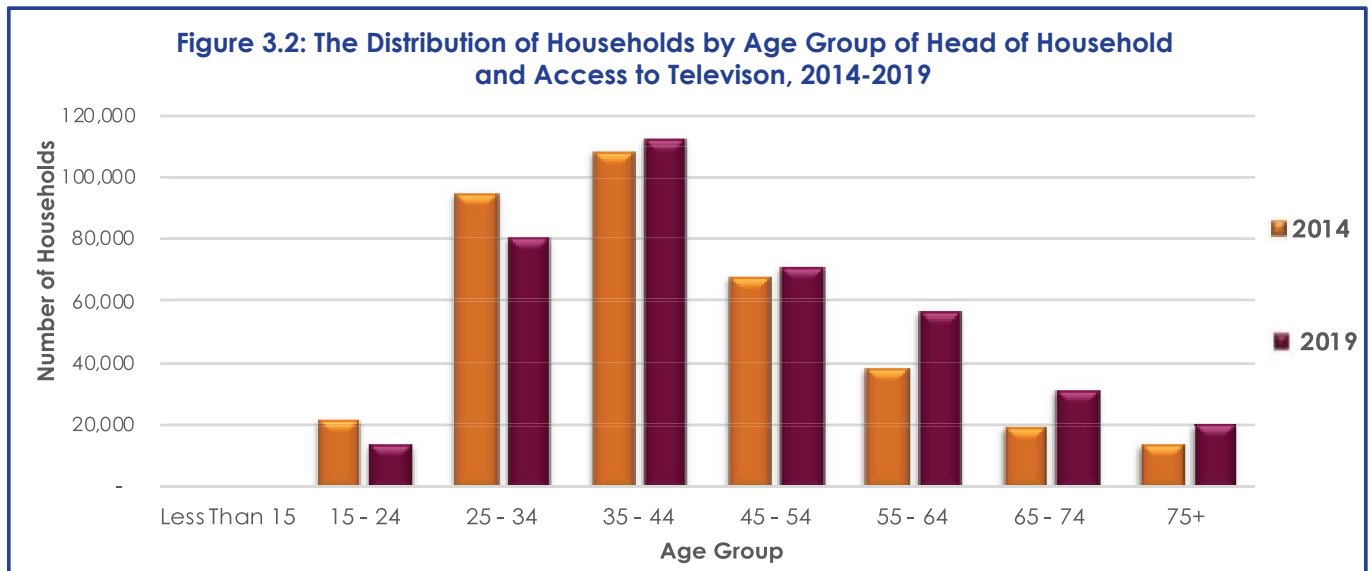


In 2019, urban villages constituted the highest proportion of households with access to a television. They made up 52.3 percent of all households with television access. Cities and Towns followed with a proportion of 28.0 percent. Rural villages had the least television access, with 19.7 percent of total households with television access.

Comparing the distribution of households with television access by region in 2019 to those in 2014, the results show that households with television access in urban villages increased by 20.5 percent in 2019 after having risen from 167,656 households in 2014 to 202,007 households in 2019. Households with television access in Cities and Towns on the other hand reduced by 15.9 percent in 2019 after falling from 128,488 households registered in 2014 to 108,053 households in 2019. Households with television access in rural villages increased by 9.1 percent in 2019. This is illustrated in **Figure 3.1** above and **Table 2** in **Appendix**.

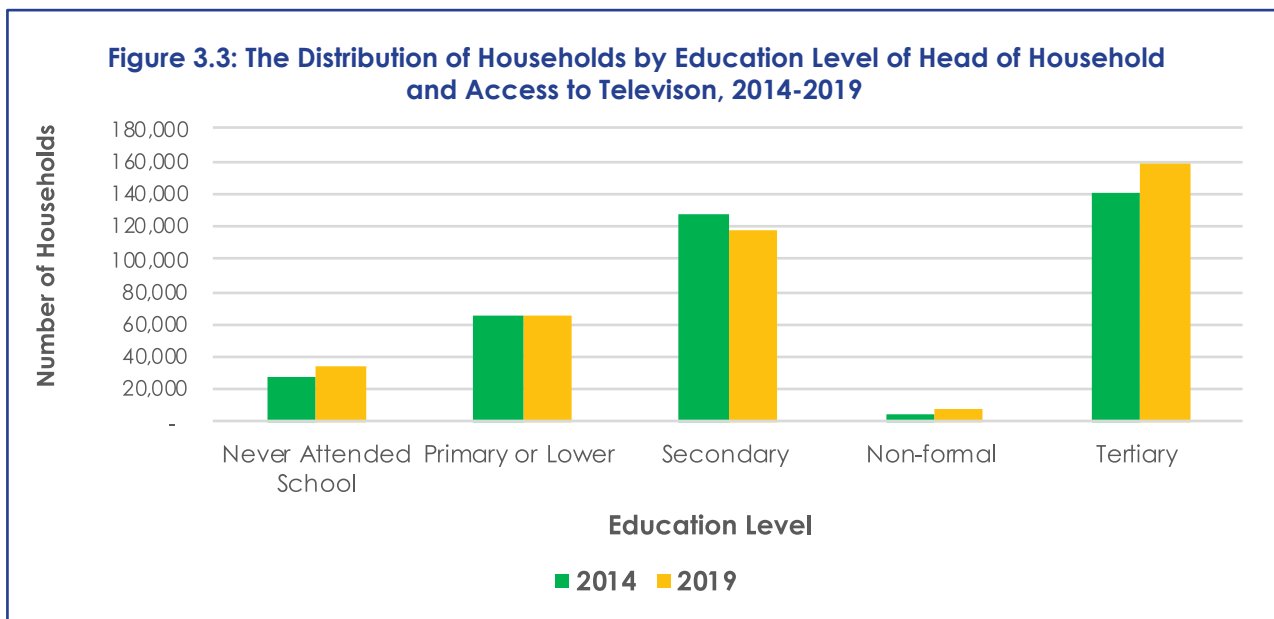
Male headed households recorded the highest households with television access, constituting 32.8 percent of all households in Botswana in 2019. Female headed households with access to television made up 25.0 percent of all households in the country. See **Tables 3, 4** and **5** of **Appendix** for details.

### 3.2 Household Access to a Television by Age Group of Household Head



Households headed by those within the age group 35-44 years dominated in households with access to a television in 2019, with a total of 111,873 households. Those in the age group of 25-34 years followed with 80,241 households. Households headed by those aged 75 years and above and those of ages 15-24 years constituted the lowest totals of households with television access, registering a total of 20,432 households and 13,866 households respectively. Details in [Figure 3.2](#) above and [Table 6](#) in [Appendix](#).

### 3.3 Household Access to a Television by Education Level of Household Head

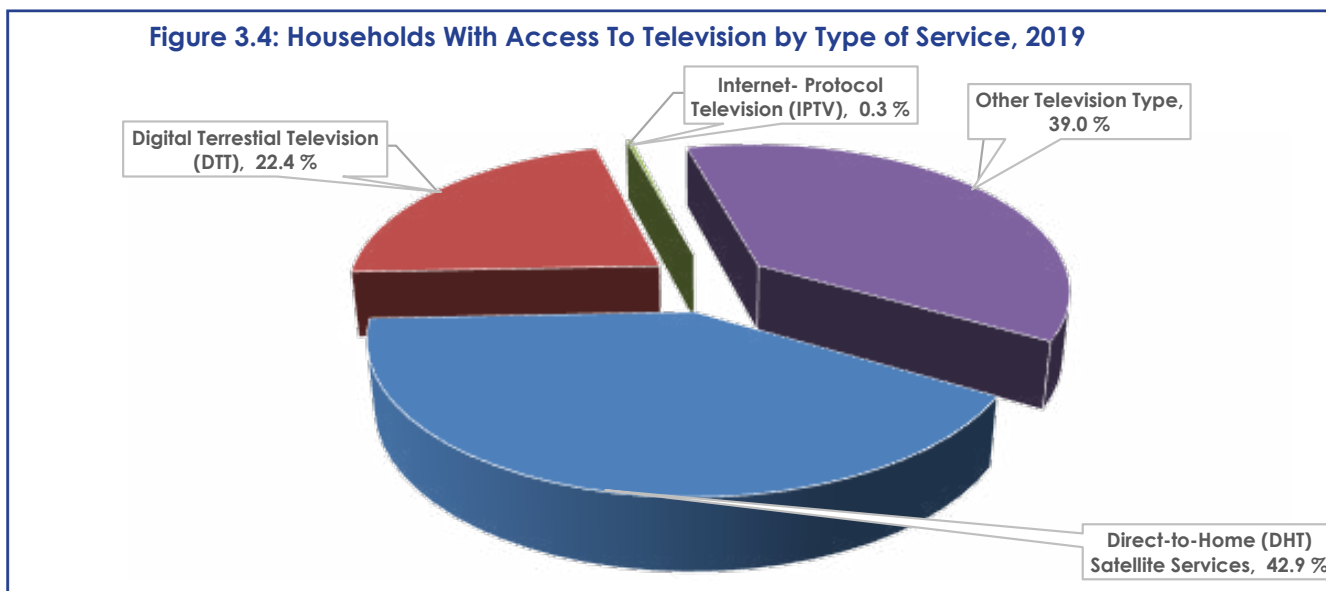


**Figure 3.3** above revealed that households headed by those with tertiary education had more access to a television than households headed by those with other education levels in 2019. They constituted 41.1 percent of all households with television access. Households headed by those with secondary education followed with 30.7 percent. The least television access was observed amongst households headed by those with non-formal education, at 2.1 percent of all households with access to television. More details in [Tables 7](#), [Appendix](#).

### 3.4 Household Access to a Television by Type of Service

According to the 2019 ICT Household Module, television was accessed mostly by connecting through the Direct-to-Home (DHT) satellite services. **Figure 3.4** below indicates that 42.9 percent of all households accessed the television through this service. DHT satellite service is accessed by subscribing to a pay-tv service such as DSTV and it was highest amongst households in urban villages and cities and towns, registering 47.6 percent and 37.9 percent respectively. Households in Rural villages had the lowest access of 14.5 percent.

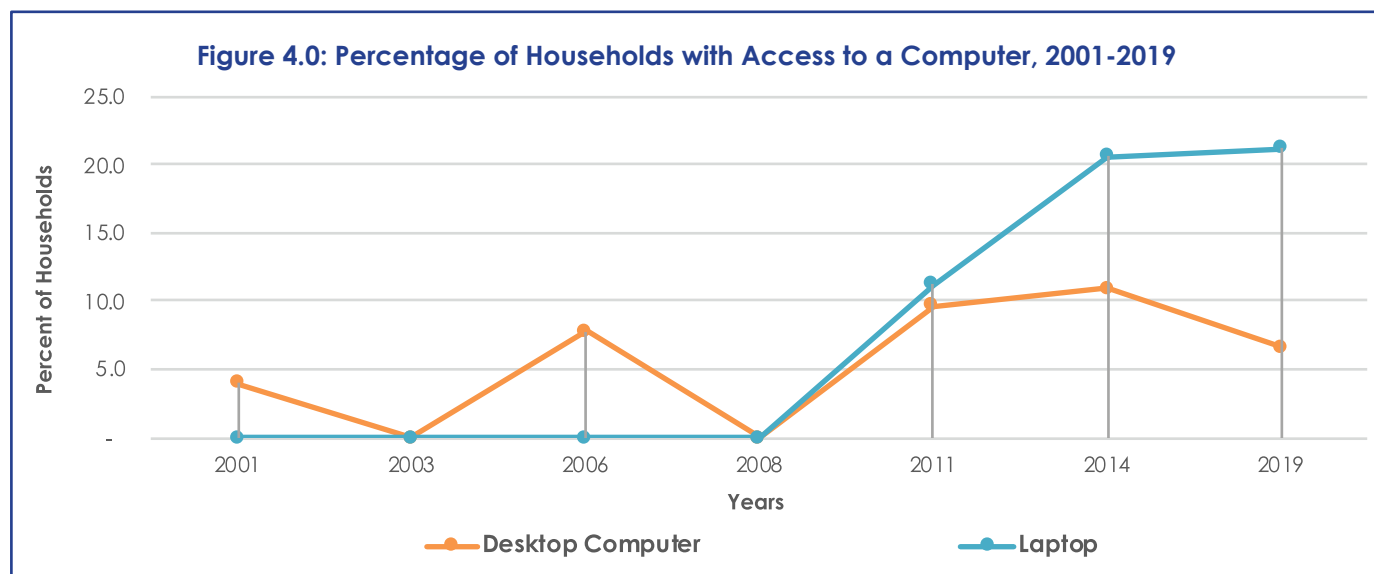
Households which had access to television through other television service types which mostly consisted of free-to-air television satellite services followed with 39.0 percent. This type of access was observed mostly in households in urban villages. Digital Terrestrial Television (DTT) and Internet- Protocol Television (IPTV) were the least type of service used, at 22.4 percent and 0.3 percent respectively of households with access to television. More details in **Table 10, Appendix**.



## 4. HOUSEHOLD ACCESS TO A COMPUTER

In 2019, more households had access to a laptop computer than a desktop computer. Of all the households in Botswana, 21.2 percent of them had access to a laptop; registering a 13.7 percent increase from 124,766 households recorded in 2014 to 141,821 households in 2019.

Comparing household access to a laptop and household access to a desktop computer in 2014 and 2019, it is observed that household access to a laptop grew by 13.7 percent while household access to a desktop computer fell down by 33.4 percent within the five-year period. Refer to **Figure 4.0** below and **Table 1** in **Appendix** for details.



### 4.1 Household Access to a Computer by Location and Gender of Household Head

**Table 4.1: Households With Access To a Computer by Gender, Location, Age Group and Education Level of Head of Household, 2014 - 2019**

Household Access	Households Access by Type							
	2014				2019			
	Desktop Computer	Percent	Laptop	Percent	Desktop Computer	Percent	Laptop	Percent
Total Households With Access	66,015	100.0	124,766	100.0	43,962	100.0	141,821	100.0
Males	40,093	60.7	73,212	58.7	29,298	66.6	91,392	64.4
Females	25,922	64.7	51,554	70.4	14,664	50.1	50,429	55.2
<b>Location</b>								
Cities/ Towns	35,570	53.9	59,492	47.7	17,897	40.7	52,801	37.2
Urban Villages	25,370	38.4	54,792	43.9	21,066	47.9	69,286	48.9
Rural Villages	5,075	7.7	10,482	8.4	4,999	11.4	19,734	13.9
<b>Age Group</b>								
Less Than 15	190	0.3	787	0.6	-	-	-	-
15 - 24	4,770	7.2	11,323	9.1	860	2.0	9,439	6.7
25 - 34	16,875	25.6	32,812	26.3	9,438	21.5	30,485	21.5
35 - 44	23,428	35.5	37,032	29.7	14,588	33.2	47,491	33.5
45 - 54	11,554	17.5	25,290	20.3	8,688	19.8	27,924	19.7
55 - 64	6,094	9.2	11,410	9.1	6,639	15.1	18,052	12.7
65 - 74	2,164	3.3	4,384	3.5	2,859	6.5	5,811	4.1
75 and Above	940	1.4	1,728	1.4	890	2.0	2,620	1.8
<b>Education Level</b>								
Never Attended School	1,425	2.2	4,858	3.9	864	2.0	7,067	5.0
Primary or Lower	5,363	8.1	9,624	7.7	3,875	8.8	11,454	8.1
Secondary	17,421	26.4	27,917	22.4	9,180	20.9	24,232	17.1
Non-formal	-	-	191	0.2	220	0.5	795	0.6
Tertiary	41,806	63.3	82,176	65.9	29,824	67.8	98,274	69.3

Source: Statistics Botswana, Information & Communication Technology Statistics

**Table 4.1** above shows that in 2019, access to a laptop computer was highest among households in urban villages, constituting 48.9 percent of all households with access to a laptop. Households in Cities and towns followed with 37.2 percent while households in rural villages had the least access to a laptop of 13.9 percent.

The results of the survey further revealed that of all households with access to a desktop computer in 2019, 47.9 percent of them were in urban villages while 40.7 percent were in cities and towns. The lowest household desktop computer access was observed in rural villages See **Table 2** in **Appendix** for more details.

In 2019, male headed households had more access to both the laptop and desktop computer than female headed households. Of all households in Botswana, 13.7 percent of male headed households had access to a laptop while 7.5 percent of female headed households had access to a laptop. With regard to household access to a desktop computer, 4.4 percent of total male headed households in Botswana had access while 2.2 percent of total female headed households had access to it. Refer to **Tables 3, 4** and **5** of **Appendix** for details.

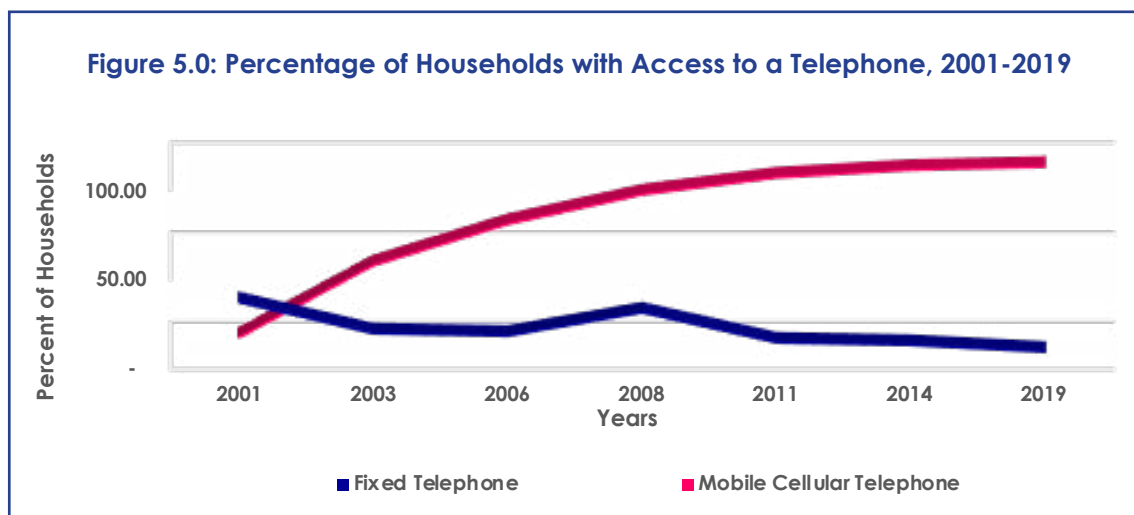
#### **4.2 Household Access to a Computer by Age Group of Household Head**

The highest access to a computer (both the laptop and desktop) was observed amongst households headed by those aged 35-44 years in 2019. Households headed by those aged 35-44 years constituted 33.5 percent of all households with access to a laptop and 33.2 percent of all households with access to the desktop computer. The least household access to a computer was observed amongst households headed by those aged 75 years and above. This is as shown in **Table 6** in **Appendix** and **Table 4.1** above.

#### **4.3 Household Access to a Computer by Education Level of Household Head**

Households headed by heads who have completed tertiary education dominated in household computer access in 2019. Households headed by those with tertiary education made up 69.3 percent of all households with access to a laptop computer and 67.8 percent of those households with access to a desktop computer. They were followed by household heads with secondary education, the lowest access to a computer was observed amongst households headed by those with non-formal education. Details in **Table 4.1** above and **Tables 7** in **Appendix**.

## 5. HOUSEHOLD ACCESS TO A TELEPHONE



**Figure 5.0** above reveals that 95.8 percent of all households had access to a mobile cellular telephone in 2019, registering a growth of 12.3 percent from the 569,991 households observed in 2014 to 640,099 households in 2019. Households with access to a fixed telephone constituted 5.6 percent of all households after falling from 57,302 households recorded in 2014 to 37,686 households in 2019, indicating a 34.2 percent decline. This concludes that the access of a mobile cellular telephone has been on the increase while that of a fixed telephone has been declining over the years. Details in **Table 1** of **Appendix**.

### 5.1 Household Access to a Telephone by Location and Gender of Household Head

**Table 5.1: Households With Access To a Telephone by Gender, Location, Age Group and Education Level of Head of Household, 2014 - 2019**

Household Access	Households Access by Type							
	2014				2019			
	Fixed Telephone	Percent	Mobile Cellular Telephone	Percent	Fixed Telephone	Percent	Mobile Cellular Telephone	Percent
Total Households With Access	57,302	100.0	569,991	100.0	37,686	100.0	640,099	100.0
Males	30,720	53.6	298,426	52.4	21,108	56.0	349,093	54.5
Females	26,582	46.4	271,565	47.6	16,577	44.0	291,006	45.5
<b>Location</b>								
Cities/ Towns	29,200	51.0	161,954	28.4	15,499	41.1	144,912	22.6
Urban Villages	22,424	39.1	218,871	38.4	16,372	43.4	290,284	45.3
Rural Villages	5,678	9.9	189,165	33.2	5,815	15.4	204,903	32.0
<b>Age Group</b>								
Less Than 15	-	-	552	0.1	-	-	-	-
15 - 24	565	1.0	41,424	7.3	612	1.6	37,172	5.8
25 - 34	8,663	15.1	150,331	26.4	3,626	9.6	137,346	21.5
35 - 44	17,794	31.1	156,108	27.4	6,640	17.6	166,669	26.0
45 - 54	11,391	19.9	99,018	17.4	7,634	20.3	114,787	17.9
55 - 64	9,887	17.3	62,549	11.0	9,193	24.4	91,167	14.2
65 - 74	5,981	10.4	37,998	6.7	5,923	15.7	56,465	8.8
75 and Above	3,021	5.3	22,011	3.9	4,059	10.8	36,494	5.7
<b>Education Level</b>								
Never Attended School	2,933	5.1	76,798	13.5	2,434	6.5	84,003	13.1
Primary or Lower	11,406	19.9	123,802	21.7	7,904	21.0	138,119	21.6
Secondary	12,524	21.9	201,088	35.3	5,958	15.8	203,030	31.7
Non-formal	1,017	1.8	10,885	1.9	467	1.2	15,753	2.5
Tertiary	29,422	51.3	157,418	27.6	20,923	55.5	199,195	31.1

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

Telephone (both fixed and mobile cellular telephones) access dominated in urban villages in 2019. Table 5.1 above revealed that, urban villages constituted 45.3 percent of all households with access to a mobile cellular telephone while rural villages followed with 32.0 percent and the least access was within cities and towns with 22.6 percent. Households with access to a fixed telephone in urban villages constituted 43.4 percent of all households with access in 2019. Those in cities and towns followed with 41.1 percent while the lowest access was within households in rural villages with 15.4 percent of the total. See **Table 2** in **Appendix** for more details.

Households headed by males dominated in telephone access in 2019. Male headed households' mobile cellular telephone and fixed telephone access constituted 52.2 percent and 3.2 percent of all households in Botswana respectively. On the other hand, female headed households with access to a mobile cellular telephone made up 43.5 percent of all households while with respect to household access to a fixed telephone they made up 2.5 percent of the total. See **Tables 3, 4** and **5** of **Appendix** for more details.

## **5.2 Household Access to a Telephone by Age Group of Household Head**

In 2019, it was observed that households headed by heads in the age group 35-44 years had the highest proportion of households with access to a mobile cellular telephone; registering 26.0 percent of all households with access to a mobile cellular telephone. Household headed by those aged 25-34 years followed with 21.5 percent. Households with the least access were those headed by persons aged 75 years and above, they made up 5.7 percent of the total.

With regard to household access to a fixed telephone, however, in 2019 households headed by persons in age groups 55–64 dominated – they constituted 24.4 percent of total households with access to a fixed telephone. Households of those aged 45-54 years followed with 20.3 percent of the total. The least proportion of 1.6 percent was realized in households with heads aged 15-24 years. Details in **Table 5.1** above and **Table 6** in **Appendix**.

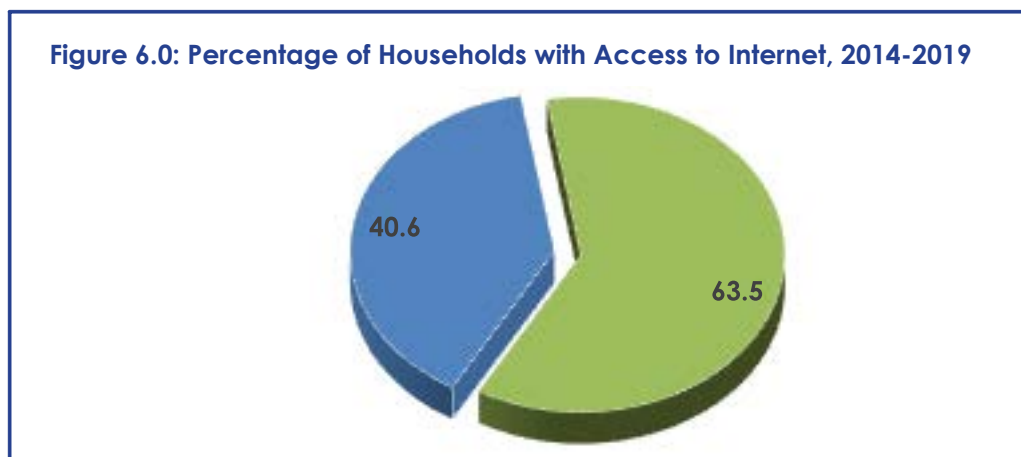
## **5.3 Household Access to a Telephone by Education Level of Household Head**

In respect to education level of the head of household, the ICT Household Module shows that in 2019 households headed by those with secondary school education formed the largest proportion of households with access to a mobile cellular telephone. They made up 31.7 percent of all households with mobile cellular telephone access. Households headed by persons with tertiary education followed with 31.1 percent while the least access was observed in households headed by heads with non-formal education.

Households headed by heads with tertiary education comprised the highest proportion of households with access to a fixed telephone, making 55.5 percent of all households with access to a fixed telephone. Households headed by those with primary or lower and secondary education followed with 21.0 percent and 15.8 percent respectively. Details in **Table 5.1** above and **Tables 7** in **Appendix**.

## 6. HOUSEHOLD ACCESS TO THE INTERNET

As indicated in **Figure 6.0** below, households with access to the internet made up 63.5 percent of all households in 2019; registering a tremendous growth of 72.4 percent from 245,941 households observed in 2014 to 424,120 households with access in 2019. More details in **Table 1** in **Appendix**.



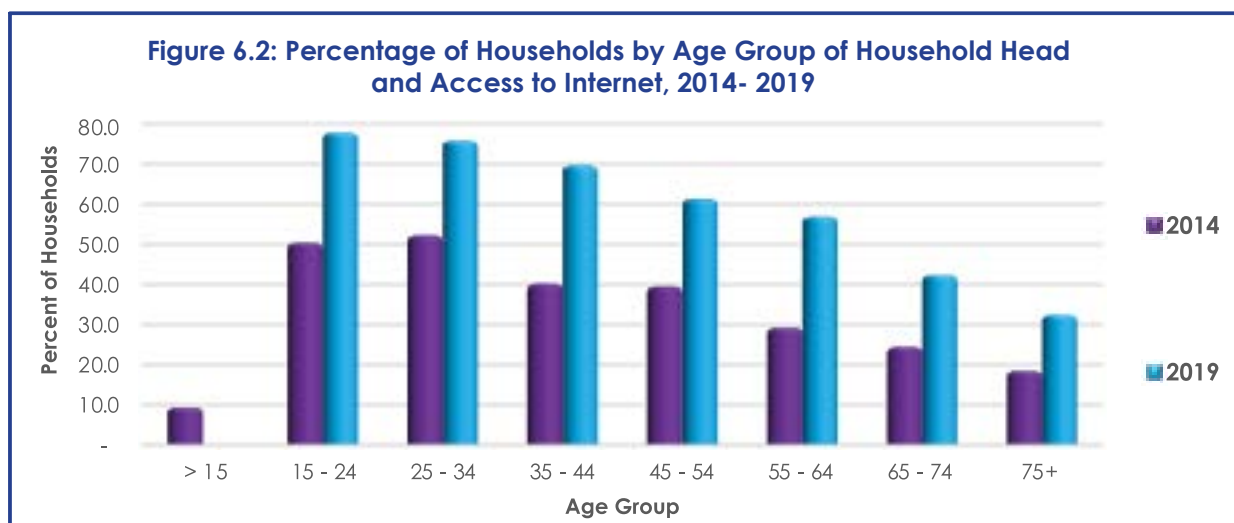
### 6.1 Household Access to the Internet by Location and Gender of Household Head

In 2019, urban villages had the highest proportion of households with access to the internet; comprising 49.9 percent of all households with internet access. Cities and towns and rural villages followed with 27.9 percent and 22.2 percent respectively of all households with internet access. As compared to 2014, urban villages revealed an exponential growth of 105.3 percent of all households with internet access in 2019. They were followed by cities and towns with an increase of 25.1 percent while rural villages went up by 95.1 percent. Illustration in **Table 2** in **Appendix**.

Internet access was highest amongst the male headed households than the female ones in 2019. The results indicate that 34.9 percent of all male headed households in Botswana had internet access in 2019, whereas the female headed households with internet access constituted 28.6 percent of all households. More details in **Tables 3, 4** and **5** in **Appendix**.

### 6.2 Household Access to the Internet by Age Group of Household Head

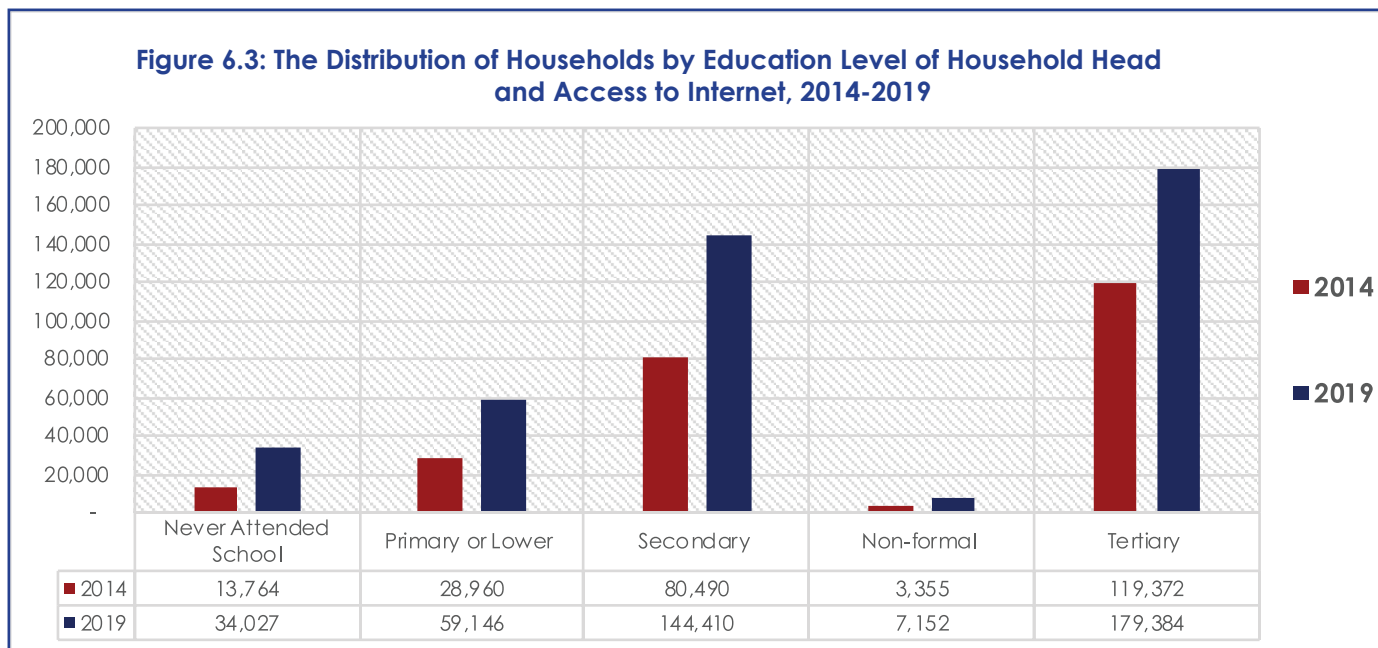
Households headed by those within the age group 35-44 years dominated in households with access to the internet in 2019, making up 28.3 percent of all households with internet access. The households of those aged 25-34 years followed with 25.6 percent while the lowest access was within households headed by persons aged 75 years and above. Refer to **Figure 6.2** below and **Table 6** in **Appendix**.





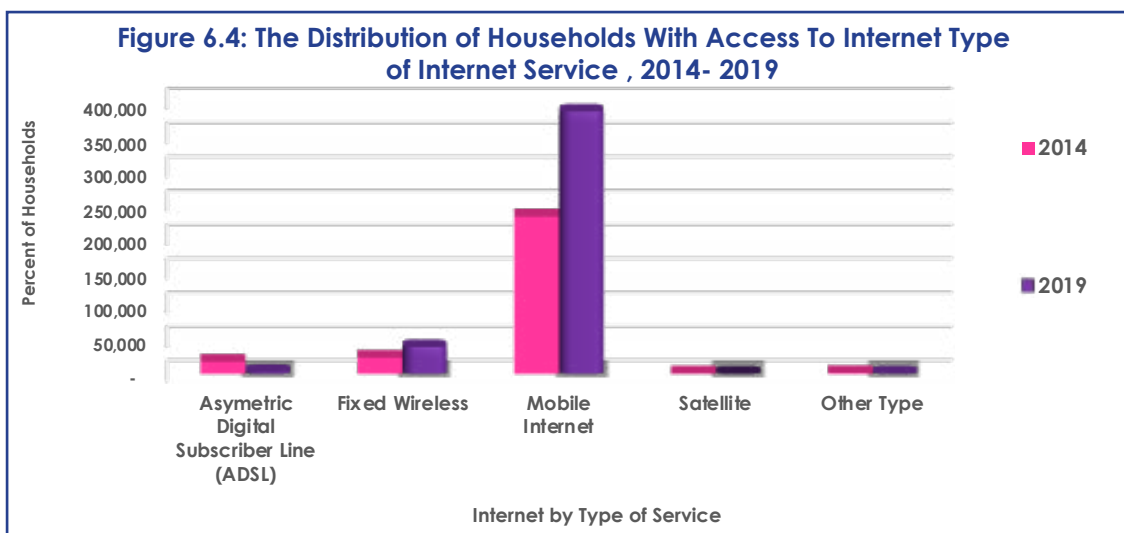
### 6.3 Household Access to the Internet by Education Level of Household Head

In 2019, households headed by heads with tertiary education constituted the highest total of households with access to the internet; with a total of 179,384 households. Households of those who have completed secondary education followed with a total of 144,410 households. The least access was amongst households headed by heads with non-formal education, with 7,152 households out of the total. Details are shown in **Figure 6.3** below and **Tables 7** of **Appendix**.



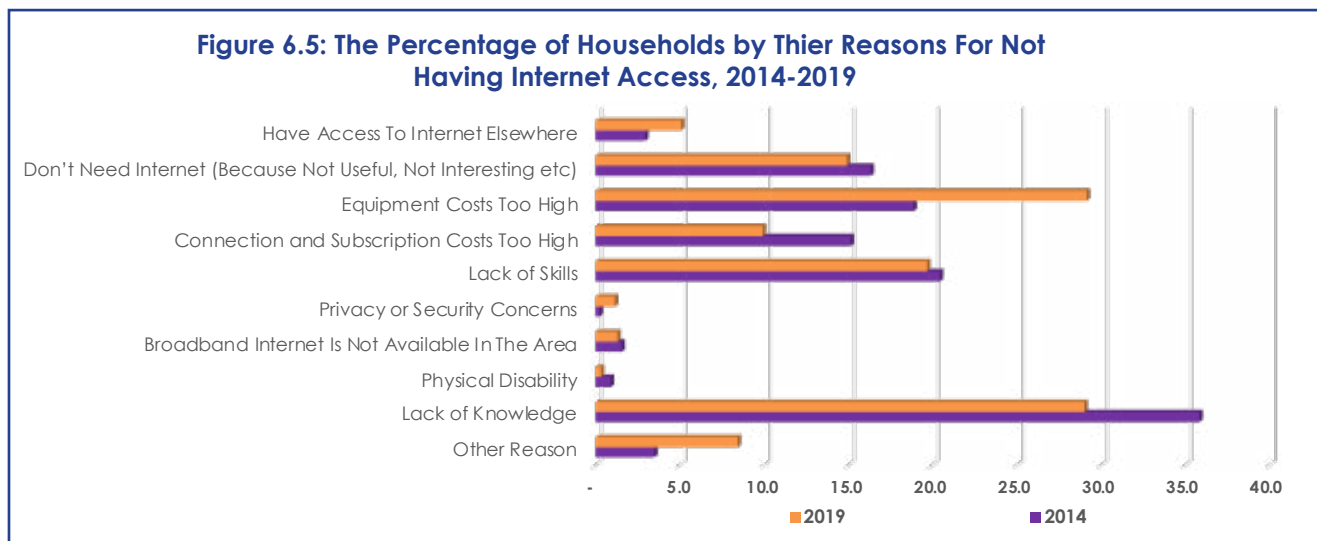
### 6.4 Household Access to the Internet by Type of Internet Service

**Figure 6.4** below indicates that in 2019, access to the internet was most prevalent amongst households with the mobile internet type of service. This internet service was used by 91.1 percent of all households with access to the internet. Fixed wireless was the next most prevalent internet connection type used by households, recording 9.4 percent of all households with internet access. The least internet access service was indicated within households that connected through the Asymmetric Digital Subscriber Line (ADSL) and satellite. Refer to **Table 10** of **Appendix** for more details.



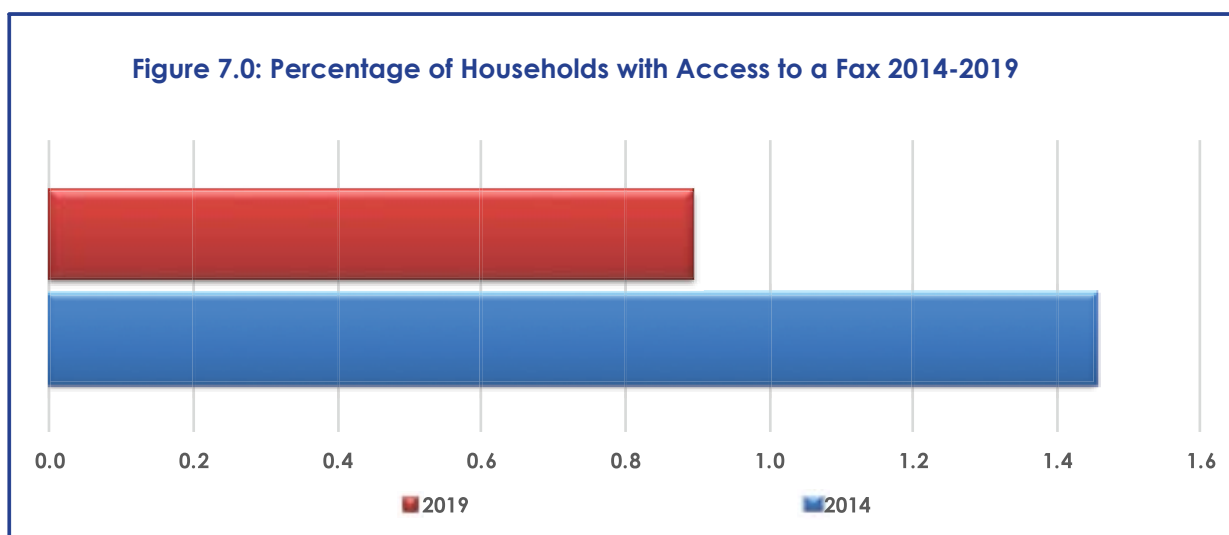
## 6.5 Household Reasons for Not Having Internet Access

In 2019 a total of 244,268 households reported to have no access to the internet in Botswana. Households were thus asked to indicate their reasons for not having access to internet and several reasons were given.



The most common reason given was that the cost of equipment used for internet was too high; constituting 29.1 percent of all households with no internet access. The second most common reason for not accessing the internet was lack of knowledge of the internet, at 35.8 percent of the total. Other reasons for not having access to the internet were given by households, the least being physical disability. See [Figure 6.5](#) above and [Table 11](#) in [Appendix](#) for more details.

## 7. HOUSEHOLD ACCESS TO A FAX



Of all the households in Botswana in 2019, fax compared to all other Information and Communication Technologies was the least accessed by households. **Figure 7.0** above shows 0.9 percent of all households had access to a fax, a decline of 32.1 percent from the 8,798 households observed in 2014 to 5,972 in 2019. More information on access to a fax are illustrated in Tables in Appendix.

## APPENDIX: HOUSEHOLD ACCESS TO ICTs TABLES

**Table 1: Household Ownership And Access To Information And Communication Technology, 2001 - 2019**

Information & Communication Technology	2001	2003	2006	2008	2011	2014	2019
	Number						
Radio	273,382	246,814	300,388	399,896	338,758	359,984	464,741
Television	101,713	98,568	173,327	297,233	297,971	365,650	385,910
Fixed Telephone	135,546	63,084	60,583	144,446	59,672	57,302	37,686
Mobile Cellular Telephone	...	159,680	264,468	419,598	494,344	569,991	640,099
Desktop Computer	16,155	...	32,172	...	53,027	66,015	43,962
Laptop	...	...	...	...	61,869	124,766	141,821
Fax	...	...	...	...	...	8,798	5,972
Internet	...	...	...	...	...	245,941	424,120
<b>Total Households</b>	<b>404,706</b>	<b>394,272</b>	<b>415,432</b>	<b>523,088</b>	<b>550,919</b>	<b>606,071</b>	<b>668,387</b>
	Proportion						
Radio	0.68	0.63	0.72	0.76	0.61	0.59	0.70
Television	0.25	0.25	0.42	0.57	0.54	0.60	0.58
Fixed Telephone	0.33	0.16	0.15	0.28	0.11	0.09	0.06
Mobile Cellular Telephone	...	0.41	0.64	0.80	0.90	0.94	0.96
Desktop Computer	0.04	...	0.08	...	0.10	0.11	0.07
Laptop	...	...	...	...	0.11	0.21	0.21
Fax	...	...	...	...	...	0.01	0.01
Internet	...	...	...	...	...	0.41	0.63
<b>Total Households</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
	Percent of Total						
Radio	67.55	62.60	72.31	76.45	61.49	59.40	69.53
Television	25.13	25.00	41.72	56.82	54.09	60.33	57.74
Fixed Telephone	33.49	16.00	14.58	27.61	10.83	9.45	5.64
Mobile Cellular Telephone	...	40.50	63.66	80.22	89.73	94.05	95.77
Desktop Computer	3.99	...	7.74	...	9.63	10.89	6.58
Laptop	...	...	...	...	11.23	20.59	21.22
Fax	...	...	...	...	...	1.45	0.89
Internet	...	...	...	...	...	40.58	63.45
<b>Total Households</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100.00</b>

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "..." denotes no data

Table 2: The Distribution of Households by Location and Access to Information &amp; Communication Technologies by Type of ICT, 2014 - 2019

Location	Households Access to Information & Communication Technologies by Type of ICT																			
	2014							2019												
	Total Households	Households Access To Electricity	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet	Total Households	Households Access To Electricity	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet
Cities/ Towns	164,720	133,739	111,283	128,488	29,200	161,954	35,570	59,492	5,197	94,630	147,341	129,514	113,051	108,053	15,499	144,912	17,897	52,801	2,219	118,378
Urban Villages	226,755	182,074	139,697	167,656	22,424	218,871	25,370	54,792	2,830	103,111	296,195	252,536	218,867	202,007	16,372	290,284	21,066	69,286	2,372	211,691
Rural Villages	214,595	68,184	109,005	69,505	5,678	189,165	5,075	10,482	771	48,200	224,850	102,181	132,824	75,850	5,815	204,903	4,999	19,734	1,381	94,051
<b>Total</b>	<b>606,070</b>	<b>383,998</b>	<b>359,984</b>	<b>365,650</b>	<b>57,302</b>	<b>569,991</b>	<b>66,015</b>	<b>124,766</b>	<b>8,798</b>	<b>245,941</b>	<b>668,387</b>	<b>484,231</b>	<b>464,741</b>	<b>385,910</b>	<b>37,686</b>	<b>640,099</b>	<b>43,962</b>	<b>141,821</b>	<b>5,972</b>	<b>424,120</b>
						Number														
Cities/ Towns	100.00	81.19	67.56	78.00	17.73	98.32	21.59	36.12	3.15	57.45	100.00	87.90	76.73	73.34	10.52	98.35	12.15	35.84	1.51	80.34
Urban Villages	100.00	80.30	61.61	73.94	9.89	96.52	11.19	24.16	1.25	45.47	100.00	85.26	73.89	68.20	5.53	98.00	7.11	23.39	0.80	71.47
Rural Villages	100.00	31.77	50.80	32.39	2.65	88.15	2.37	4.88	0.36	22.46	100.00	45.44	59.07	33.73	2.59	91.13	2.22	8.78	0.61	41.83
<b>Total</b>	<b>100.00</b>	<b>63.36</b>	<b>59.40</b>	<b>60.33</b>	<b>9.45</b>	<b>94.05</b>	<b>10.89</b>	<b>20.59</b>	<b>1.45</b>	<b>40.58</b>	<b>100.00</b>	<b>72.45</b>	<b>69.53</b>	<b>57.74</b>	<b>5.64</b>	<b>95.77</b>	<b>6.58</b>	<b>21.22</b>	<b>0.89</b>	<b>63.45</b>
						Percent Distribution														
Cities/ Towns	27.18	34.83	30.91	35.14	50.96	28.41	53.88	47.68	59.07	38.48	22.04	26.75	24.33	28.00	41.1	22.6	40.71	37.23	37.16	27.91
Urban Villages	37.41	47.42	38.81	45.85	39.13	38.40	38.43	43.92	32.16	41.9	44.31	52.15	47.09	52.35	43.4	45.3	47.92	48.85	39.72	49.91
Rural Villages	35.41	17.76	30.28	19.01	9.91	33.19	7.69	8.40	8.77	19.60	33.64	21.10	28.58	19.65	15.4	32.0	11.37	13.92	23.13	22.18
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

**Table 3: The Distribution of Households by Location, Access to ICTs by Type and Gender of Head of Household, 2014 - 2019**

Location	Households Access to Information & Communication Technologies by Type of ICT																			
	2014																			
	Total Households		Gender of Household Head		Radio		Television		Fixed Telephone		Mobile Cellular Telephone		Desktop Computer		Laptop		Fax		Internet	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cities/ Towns	164,720	89,684	75,036	65,883	45,399	75,323	53,165	17,535	11,665	88,416	73,538	21,464	14,106	37,741	21,751	1,270	3,927	54,180	40,450	
Urban Villages	226,756	110,015	116,741	66,850	72,847	82,024	85,633	9,195	13,229	107,362	111,510	15,809	9,560	29,504	25,288	2,830	-	57,271	45,840	
Rural Villages	214,595	118,509	96,086	61,873	47,132	38,489	31,016	3,990	1,688	102,648	86,517	2,820	2,256	5,967	4,515	145	626	31,173	17,027	
<b>Total</b>	<b>606,071</b>	<b>318,208</b>	<b>287,863</b>	<b>194,606</b>	<b>145,378</b>	<b>195,836</b>	<b>169,814</b>	<b>30,720</b>	<b>26,582</b>	<b>298,426</b>	<b>271,565</b>	<b>40,093</b>	<b>25,922</b>	<b>73,212</b>	<b>51,554</b>	<b>4,245</b>	<b>4,553</b>	<b>142,624</b>	<b>103,317</b>	
	Percent Distribution																			
Cities/ Towns	100.00	54.45	45.55	40.00	27.56	45.73	32.28	10.65	7.08	53.68	44.64	13.03	8.56	22.91	13.20	0.77	2.38	32.89	24.56	
Urban Villages	100.00	48.52	51.48	29.48	32.13	36.17	37.76	4.05	5.83	47.35	49.18	6.97	4.22	13.01	11.15	1.25	0.00	25.26	20.22	
Rural Villages	100.00	55.22	44.78	28.83	21.96	17.94	14.45	1.86	0.79	47.83	40.32	1.31	1.05	2.78	2.10	0.07	0.29	14.53	7.93	
<b>Total</b>	<b>100.00</b>	<b>52.50</b>	<b>47.50</b>	<b>32.11</b>	<b>27.29</b>	<b>32.31</b>	<b>28.02</b>	<b>5.07</b>	<b>4.39</b>	<b>49.24</b>	<b>44.81</b>	<b>6.62</b>	<b>4.28</b>	<b>12.08</b>	<b>8.51</b>	<b>0.70</b>	<b>0.75</b>	<b>23.53</b>	<b>17.05</b>	
	Percent of Total																			
Cities/ Towns	27.18	28.18	26.07	33.85	27.45	38.46	31.31	57.08	43.88	29.63	27.08	53.54	54.42	51.55	42.19	29.92	86.25	37.99	39.15	
Urban Villages	37.41	34.57	40.55	34.35	44.05	41.88	50.43	29.93	49.77	35.98	41.06	39.43	36.88	40.30	49.05	66.66	-	40.16	44.37	
Rural Villages	35.41	37.24	33.38	31.79	28.50	19.65	18.26	12.99	6.35	34.40	31.86	7.03	8.70	8.15	8.76	3.42	13.76	21.86	16.48	
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

Table 3 Cont'd: The Distribution of Households by Location, Access to ICTs by Type and Gender of Head of Household, 2014 - 2019

Location	Households Access to Information & Communication Technologies by Type of ICT																				
	2019																				
	Total Households	Gender of Household Head		Radio		Television		Fixed Telephone		Mobile Cellular Telephone		Desktop Computer		Laptop		Fax		Internet			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cities/ Towns	147,341	93,156	54,185	75,615	37,436	70,429	37,623	9,922	5,577	91,586	53,326	12,052	5,845	34,655	18,146	1,681	538	73,696	44,682		
Urban Villages	296,195	154,123	142,073	119,015	99,852	109,967	92,040	8,885	7,487	150,832	139,452	14,244	6,822	44,226	25,060	1,908	464	109,784	101,908		
Rural Villages	224,850	118,608	106,242	76,729	56,095	38,704	37,146	2,302	3,513	106,675	98,228	3,002	1,997	12,511	7,224	1,169	212	49,618	44,432		
<b>Total</b>	<b>668,387</b>	<b>365,887</b>	<b>302,500</b>	<b>271,359</b>	<b>193,383</b>	<b>219,101</b>	<b>166,809</b>	<b>21,108</b>	<b>16,577</b>	<b>349,093</b>	<b>291,006</b>	<b>29,298</b>	<b>14,664</b>	<b>91,392</b>	<b>50,429</b>	<b>4,759</b>	<b>1,213</b>	<b>233,098</b>	<b>191,022</b>		
										Number											
Cities/ Towns	100.00	63.22	36.78	51.32	25.41	47.80	25.53	6.73	3.79	62.16	36.19	8.18	3.97	23.52	12.32	1.14	0.37	50.02	30.33		
Urban Villages	100.00	52.03	47.97	40.18	33.71	37.13	31.07	3.00	2.53	50.92	47.08	4.81	2.30	14.93	8.46	0.64	0.16	37.06	34.41		
Rural Villages	100.00	52.75	47.25	34.12	24.95	17.21	16.52	1.02	1.56	47.44	43.69	1.34	0.89	5.56	3.21	0.52	0.09	22.07	19.76		
<b>Total</b>	<b>100.00</b>	<b>54.74</b>	<b>45.26</b>	<b>40.60</b>	<b>28.93</b>	<b>32.78</b>	<b>24.96</b>	<b>3.2</b>	<b>2.5</b>	<b>52.2</b>	<b>43.5</b>	<b>4.38</b>	<b>2.19</b>	<b>13.67</b>	<b>7.54</b>	<b>0.71</b>	<b>0.18</b>	<b>34.87</b>	<b>28.58</b>		
										Percent Distribution											
Cities/ Towns	22.04	25.46	17.91	27.87	19.36	32.14	22.55	47.00	33.64	26.24	18.32	41.14	39.86	37.92	35.98	35.33	44.32	31.62	23.39		
Urban Villages	44.31	42.12	46.97	43.86	51.63	50.19	55.18	42.09	45.17	43.21	47.92	48.62	46.52	48.39	49.69	40.10	38.20	47.10	53.35		
Rural Villages	33.64	32.42	35.12	28.28	29.01	17.67	22.27	10.90	21.19	30.56	33.75	10.25	13.62	13.69	14.32	24.57	17.47	21.29	23.26		
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>		

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

Table 4: The Distribution of Male Headed Households by Location, Access to ICTs by Type, 2014 - 2019

Location	Households Access to Information & Communication Technologies by Type of ICT																			
	2014							2019												
	Total Households	Total Male Headed Households	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet	Total Households	Total Male Headed Households	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet
Cities/ Towns	164,720	89,684	65,883	75,323	17,535	88,416	21,464	37,741	1,270	54,180	147,341	93,156	75,615	70,429	9,922	91,586	12,052	34,655	1,681	73,696
Urban Villages	226,756	110,015	66,850	82,024	9,195	107,362	15,809	29,504	2,830	57,271	296,195	154,123	119,015	109,967	8,885	150,832	14,244	44,226	1,908	109,784
Rural Villages	214,595	118,509	61,873	38,489	3,990	102,648	2,820	5,967	145	31,173	224,850	118,608	76,729	38,704	2,302	106,675	3,002	12,511	1,169	49,618
<b>Total</b>	<b>606,071</b>	<b>318,208</b>	<b>194,606</b>	<b>195,836</b>	<b>30,720</b>	<b>298,426</b>	<b>40,093</b>	<b>73,212</b>	<b>4,245</b>	<b>142,624</b>	<b>668,387</b>	<b>365,887</b>	<b>271,359</b>	<b>219,101</b>	<b>21,108</b>	<b>349,093</b>	<b>29,298</b>	<b>91,392</b>	<b>4,759</b>	<b>233,098</b>
						Number														
Cities/ Towns	100.00	54.45	40.00	45.73	10.65	53.68	13.03	22.91	0.77	32.89	100.00	63.22	51.32	47.80	6.73	62.16	8.18	23.52	1.14	50.02
Urban Villages	100.00	48.52	29.48	36.17	4.05	47.35	6.97	13.01	1.25	25.26	100.00	52.03	40.18	37.13	3.00	50.92	4.81	14.93	0.64	37.06
Rural Villages	100.00	55.22	28.83	17.94	1.86	47.83	1.31	2.78	0.07	14.53	100.00	52.75	34.12	17.21	1.02	47.44	1.34	5.56	0.52	22.07
<b>Total</b>	<b>100.00</b>	<b>52.50</b>	<b>32.11</b>	<b>32.31</b>	<b>5.07</b>	<b>49.24</b>	<b>6.62</b>	<b>12.08</b>	<b>0.70</b>	<b>23.53</b>	<b>100.00</b>	<b>54.74</b>	<b>40.40</b>	<b>32.78</b>	<b>3.16</b>	<b>52.23</b>	<b>4.38</b>	<b>13.67</b>	<b>0.71</b>	<b>34.87</b>
						Percent Distribution														
Cities/ Towns	27.18	28.18	33.85	38.46	57.08	29.63	53.54	51.55	29.92	37.99	22.04	25.46	27.87	32.14	47.00	26.24	41.14	37.92	35.33	31.62
Urban Villages	37.41	34.57	34.35	41.88	29.93	35.98	39.43	40.30	66.66	40.16	44.31	42.12	43.86	50.19	42.09	43.21	48.62	48.39	40.10	47.10
Rural Villages	35.41	37.24	31.79	19.65	12.99	34.40	7.03	8.15	3.42	21.86	33.64	32.42	28.28	17.67	10.90	30.56	10.25	13.69	24.57	21.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "." denotes zero



Table 5: The Distribution of Female Headed Households by Location, Access to ICTs by Type, 2014 - 2019

Location	Households Access to Information & Communication Technologies by Type of ICT																			
	2014							2019												
	Total Households	Total Female Headed Households	Radio	Television	Fixed Telephone	Mobile Cellular	Desktop Computer	Laptop	Fax	Internet	Total Households	Total Female Headed Households	Radio	Television	Fixed Telephone	Mobile Cellular	Desktop Computer	Laptop	Fax	Internet
Cities/ Towns	164,720	75,036	45,399	53,165	11,665	73,538	14,106	21,751	3,927	40,450	147,341	54,185	37,436	37,623	5,577	53,326	5,845	18,146	538	44,682
Urban Villages	226,756	116,741	72,847	85,633	13,229	111,510	9,560	25,288	-	45,840	296,195	142,073	99,852	92,040	7,487	139,452	6,822	25,060	464	101,908
Rural Villages	214,595	96,086	47,132	31,016	1,688	86,517	2,256	4,515	626	17,027	224,850	106,242	56,095	37,146	3,513	98,228	1,997	7,224	212	44,432
<b>Total</b>	<b>606,071</b>	<b>287,863</b>	<b>165,378</b>	<b>169,814</b>	<b>26,582</b>	<b>271,565</b>	<b>25,922</b>	<b>51,554</b>	<b>4,553</b>	<b>103,317</b>	<b>668,387</b>	<b>302,500</b>	<b>193,383</b>	<b>166,809</b>	<b>16,577</b>	<b>291,006</b>	<b>14,664</b>	<b>50,429</b>	<b>1,213</b>	<b>191,022</b>
						Number														
Cities/ Towns	100.00	45.55	27.56	32.28	7.08	44.64	8.56	13.20	2.38	24.56	100.00	36.78	25.41	25.53	3.79	36.19	3.97	12.32	0.37	30.33
Urban Villages	100.00	51.48	32.13	37.76	5.83	49.18	4.22	11.15	-	20.22	100.00	47.97	33.71	31.07	2.53	47.08	2.30	8.46	0.16	34.41
Rural Villages	100.00	44.78	21.96	14.45	0.79	40.32	1.05	2.10	0.29	7.93	100.00	47.25	24.95	16.52	1.56	43.69	0.89	3.21	0.09	19.76
<b>Total</b>	<b>100.00</b>	<b>47.50</b>	<b>27.29</b>	<b>28.02</b>	<b>4.39</b>	<b>44.81</b>	<b>4.28</b>	<b>8.51</b>	<b>0.75</b>	<b>17.05</b>	<b>100.00</b>	<b>45.26</b>	<b>28.93</b>	<b>24.96</b>	<b>2.48</b>	<b>43.54</b>	<b>2.19</b>	<b>7.54</b>	<b>0.18</b>	<b>28.58</b>
						Percent Distribution														
Cities/ Towns	27.18	26.07	27.45	31.31	43.88	27.08	54.42	42.19	86.25	39.15	22.04	17.91	19.36	22.55	33.64	18.32	39.86	35.98	44.32	23.39
Urban Villages	37.41	40.55	44.05	50.43	49.77	41.06	36.88	49.05	-	44.37	44.31	46.97	51.63	55.18	45.17	47.92	46.52	49.69	38.20	53.35
Rural Villages	35.41	33.38	28.50	18.26	6.35	31.86	8.70	8.76	13.76	16.48	33.64	35.12	29.01	22.27	21.19	33.75	13.62	14.32	17.47	23.26
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
						Percent of Total														

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

**Table 6: The Distribution of Households by Age of Household Head and Access to ICTs by Type, 2014 - 2019**

Age Group	Households Access to Information & Communication Technologies by Type of ICT																					
	2014							2019														
	Total Households	Households With Access To Electricity	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet	Total Households	Households With Access To Electricity	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet		
Less Than 15	2,051	1,149	1,218	787	-	552	190	787	-	190	196	-	-	-	-	-	-	-	-	-	-	
15 - 24	47,127	26,243	24,469	22,139	565	41,424	4,770	11,323	-	23,736	39,721	27,865	26,296	13,866	612	37,172	860	9,439	105	30,899	-	
25 - 34	156,834	101,752	92,905	95,038	8,663	150,331	16,875	32,812	827	81,891	142,977	109,412	102,602	80,241	3,626	137,346	9,438	30,485	398	108,391	-	
35 - 44	160,648	109,726	95,558	108,006	17,794	156,108	23,428	37,032	2,264	64,604	172,571	131,875	123,841	111,873	6,640	166,669	14,588	47,491	1,898	120,127	-	
45 - 54	103,183	66,376	67,811	67,715	11,391	99,018	11,554	25,290	3,594	40,719	119,040	81,294	81,174	71,211	7,634	114,787	8,688	27,924	1,418	73,008	-	
55 - 64	65,603	40,459	40,287	38,298	9,887	62,549	6,094	11,410	2,113	19,152	93,995	68,699	66,782	57,143	9,193	91,167	6,639	18,052	1,260	53,460	-	
65 - 74	44,049	23,366	23,468	19,852	5,981	37,998	2,164	4,384	-	10,746	58,947	38,002	41,664	31,144	5,923	56,465	2,859	5,811	893	24,955	-	
75 and Above	26,576	14,929	14,268	13,815	3,021	22,011	940	1,728	-	4,903	40,940	27,084	22,186	20,432	4,059	36,494	890	2,620	-	13,279	-	
<b>Total</b>	<b>606,071</b>	<b>384,000</b>	<b>359,984</b>	<b>365,650</b>	<b>57,302</b>	<b>569,991</b>	<b>66,015</b>	<b>124,766</b>	<b>8,798</b>	<b>245,941</b>	<b>668,387</b>	<b>484,231</b>	<b>464,741</b>	<b>385,910</b>	<b>37,686</b>	<b>640,099</b>	<b>43,962</b>	<b>141,821</b>	<b>5,972</b>	<b>424,120</b>	-	
Less Than 15	100.00	56.02	59.39	38.37	-	26.91	9.26	38.37	-	9.26	100.00	-	100.00	-	-	-	-	-	-	-	-	-
15 - 24	100.00	55.69	51.92	46.98	1.20	87.90	10.12	24.03	-	50.37	100.00	70.15	66.20	34.91	1.54	93.58	2.17	23.76	0.26	77.79	-	-
25 - 34	100.00	64.88	59.24	60.60	5.52	95.85	10.76	20.92	0.53	52.22	100.00	76.52	71.76	56.12	2.54	96.06	6.60	21.32	0.28	75.81	-	-
35 - 44	100.00	68.30	59.48	67.23	11.08	97.17	14.58	23.05	1.41	40.21	100.00	76.42	71.76	64.83	3.85	96.58	8.45	27.52	1.10	69.61	-	-
45 - 54	100.00	64.33	65.72	65.63	11.04	95.96	11.20	24.51	3.48	39.46	100.00	68.29	68.19	59.82	6.41	96.43	7.30	23.46	1.19	61.33	-	-
55 - 64	100.00	61.67	61.41	58.38	15.07	95.34	9.29	17.39	3.22	29.19	100.00	73.09	71.05	60.79	9.78	96.99	7.06	19.20	1.34	56.87	-	-
65 - 74	100.00	53.05	53.28	45.07	13.58	86.26	4.91	9.95	-	24.40	100.00	64.47	70.68	52.83	10.05	95.79	4.85	9.86	1.51	42.33	-	-
75 and Above	100.00	56.17	53.69	51.98	11.37	82.82	3.54	6.50	-	18.45	100.00	66.15	54.19	49.91	9.91	89.14	2.17	6.40	-	32.44	-	-
<b>Total</b>	<b>100.00</b>	<b>63.36</b>	<b>59.40</b>	<b>60.33</b>	<b>9.45</b>	<b>94.05</b>	<b>10.89</b>	<b>20.59</b>	<b>1.45</b>	<b>40.58</b>	<b>100.00</b>	<b>72.45</b>	<b>69.53</b>	<b>57.74</b>	<b>5.64</b>	<b>95.77</b>	<b>6.58</b>	<b>21.22</b>	<b>0.89</b>	<b>63.45</b>	-	-
Less Than 15	0.34	0.30	0.34	0.22	-	0.10	0.29	0.63	-	0.08	0.03	-	0.04	-	-	-	-	-	-	-	-	-
15 - 24	7.78	6.83	6.80	6.05	0.99	7.27	7.23	9.08	-	9.65	5.94	5.75	5.66	3.59	1.62	5.81	1.96	6.66	1.76	7.29	-	-
25 - 34	25.88	26.50	25.81	25.99	15.12	26.37	25.56	26.30	9.40	33.30	21.39	22.60	22.08	20.79	9.62	21.46	21.47	21.50	6.66	25.56	-	-
35 - 44	26.51	28.57	26.55	29.54	31.05	27.39	35.49	29.68	25.73	26.27	25.82	27.23	26.65	28.99	17.62	26.04	33.18	33.49	31.78	28.32	-	-
45 - 54	17.02	17.29	18.84	18.52	19.88	17.37	17.50	20.27	40.85	16.56	17.81	16.79	17.47	18.45	20.26	17.93	19.76	19.69	23.75	17.21	-	-
55 - 64	10.82	10.54	11.19	10.47	17.25	10.97	9.23	9.15	24.02	7.79	14.06	14.19	14.37	14.81	24.39	14.24	15.10	12.73	21.10	12.60	-	-
65 - 74	7.27	6.08	6.52	5.43	10.44	6.67	3.28	3.51	-	4.37	8.82	7.85	8.96	8.07	15.72	8.82	6.50	4.10	14.95	5.88	-	-
75 and Above	4.38	3.89	3.96	3.78	5.27	3.86	1.42	1.38	-	1.99	6.13	5.59	4.77	5.29	10.77	5.70	2.02	1.85	-	3.13	-	-
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

Table 7: The Distribution of Households by Education Level of Household Head and Access to ICTs by Type, 2014 - 2019

Education Level Completed	Households Access to Information & Communication Technologies by Type of ICT																			
	2014							2019												
	Total Households	Households With Access To Electricity	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet	Total Households	Households With Access To Electricity	Radio	Television	Fixed Telephone	Mobile Cellular Telephone	Desktop Computer	Laptop	Fax	Internet
	Number																			
Never Attended School	94,531	28,545	46,622	27,945	2,933	76,798	1,425	4,858	-	13,764	96,540	45,094	54,159	34,967	2,434	84,003	864	7,067	308	34,027
Primary or Lower	134,477	69,831	72,773	64,750	11,406	123,802	5,363	9,624	626	28,960	143,847	88,479	95,388	66,051	7,904	138,119	3,875	11,454	324	59,146
Secondary	208,440	135,137	118,858	127,241	12,524	201,088	17,421	27,917	2,871	80,490	210,255	153,222	150,098	118,323	5,958	203,030	9,180	24,232	743	144,410
Non-formal	11,205	4,313	6,937	5,175	1,017	10,885	-	191	-	3,355	16,513	9,176	10,154	8,113	467	15,753	220	795	-	7,152
Tertiary	157,418	146,174	114,794	140,539	29,422	157,418	41,806	82,176	5,301	119,372	201,232	188,260	154,943	158,456	20,923	199,195	29,824	98,274	4,598	179,384
<b>Total</b>	<b>606,071</b>	<b>384,000</b>	<b>359,984</b>	<b>365,650</b>	<b>57,302</b>	<b>569,991</b>	<b>66,015</b>	<b>124,766</b>	<b>8,798</b>	<b>245,941</b>	<b>668,387</b>	<b>484,231</b>	<b>464,741</b>	<b>385,910</b>	<b>37,686</b>	<b>640,099</b>	<b>43,962</b>	<b>141,821</b>	<b>5,972</b>	<b>424,120</b>
	Percent Distribution																			
Never Attended School	100.00	30.20	49.32	29.56	3.10	81.24	1.51	5.14	-	14.56	100.00	46.71	56.10	36.22	2.52	87.01	0.89	7.32	0.32	35.25
Primary or Lower	100.00	51.93	54.12	48.15	8.48	92.06	3.99	7.16	0.47	21.54	100.00	61.51	66.31	45.92	5.49	96.02	2.69	7.96	0.22	41.12
Secondary	100.00	64.83	57.02	61.04	6.01	96.47	8.36	13.39	1.38	38.62	100.00	72.87	71.39	56.28	2.83	96.56	4.37	11.52	0.35	68.68
Non-formal	100.00	38.49	61.91	46.18	9.08	97.14	-	1.70	-	29.94	100.00	55.57	61.49	49.13	2.83	95.39	1.33	4.81	-	43.31
Tertiary	100.00	92.86	72.92	89.28	18.69	100.00	26.56	52.20	3.37	75.83	100.00	93.55	77.00	78.74	10.40	98.99	14.82	48.84	2.28	89.14
<b>Total</b>	<b>100.00</b>	<b>63.36</b>	<b>59.40</b>	<b>60.33</b>	<b>9.45</b>	<b>94.05</b>	<b>10.89</b>	<b>20.59</b>	<b>1.45</b>	<b>40.58</b>	<b>100.00</b>	<b>72.45</b>	<b>69.53</b>	<b>57.74</b>	<b>5.64</b>	<b>95.77</b>	<b>6.58</b>	<b>21.22</b>	<b>0.89</b>	<b>63.45</b>
	Percent of Total																			
Never Attended School	15.60	7.43	12.95	7.64	5.12	13.47	2.16	3.89	-	5.60	14.44	9.31	11.65	9.06	6.46	13.12	1.97	4.98	5.15	8.02
Primary or Lower	22.19	18.19	20.22	17.71	19.91	21.72	8.12	7.71	7.12	11.78	21.52	18.27	20.52	17.12	20.97	21.58	8.81	8.08	5.42	13.95
Secondary	34.39	35.19	33.02	34.80	21.86	35.28	26.39	22.38	32.63	32.73	31.46	31.64	32.30	30.66	15.81	31.72	20.88	17.09	12.45	34.05
Non-formal	1.85	1.12	1.93	1.42	1.77	1.91	-	0.15	-	1.36	2.47	1.89	2.18	2.10	1.24	2.46	0.50	0.56	0.00	1.69
Tertiary	25.97	38.07	31.89	38.44	51.35	27.62	63.33	65.86	60.25	48.54	30.11	38.88	33.34	41.06	55.52	31.12	67.84	69.29	76.98	42.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

**Table 8: The Distribution of Households With Access To Television by Location and Type of Television Service, 2019**

Location	Total Households	Households With Access To Electricity	Households With Access To Television	Households With Access To Television by Type of Service			
				Direct-to-Home (DHT) Satellite Services	Digital Terrestrial Television (DTT)	Internet-Protocol Television (IPTV)	Other Type of Service
Number							
Cities/ Towns	147,341	129,514	108,053	62,751	18,297	902	31,504
Urban Villages	296,195	252,536	202,007	78,784	50,219	-	81,456
Rural Villages	224,850	102,181	75,850	23,907	17,931	298	37,454
<b>Total</b>	<b>668,387</b>	<b>484,231</b>	<b>385,910</b>	<b>165,442</b>	<b>86,447</b>	<b>1,200</b>	<b>150,414</b>
Percent Distribution							
Cities/ Towns	100.00	87.90	73.34	58.07	16.93	0.83	29.16
Urban Villages	100.00	85.26	68.20	39.00	24.86	0.00	40.32
Rural Villages	100.00	45.44	33.73	31.52	23.64	0.39	49.38
<b>Total</b>	<b>100.00</b>	<b>72.45</b>	<b>57.74</b>	<b>42.87</b>	<b>22.40</b>	<b>0.31</b>	<b>38.98</b>
Percent of Total							
Cities/ Towns	22.04	26.75	28.00	37.93	21.17	75.14	20.95
Urban Villages	44.31	52.15	52.35	47.62	58.09	0.00	54.15
Rural Villages	33.64	21.10	19.65	14.45	20.74	24.86	24.90
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

**Table 9: The Distribution of Households by Location and Access to Internet by Type, 2019**

Location	Total Households	Households With Access To Electricity	Households With Access To Internet	Household Access to Internet by Type of Service				
				Asymmetric Digital Subscriber Line (ADSL)	Fixed Wireless	Mobile Internet	Satellite	Other Type of Service
Number								
Cities/ Towns	147,341	129,514	118,378	3,128	25,034	94,365	-	639
Urban Villages	296,195	252,536	211,691	1,979	12,402	200,552	-	632
Rural Villages	224,850	102,181	94,051	212	2,457	91,657	143	-
<b>Total</b>	<b>668,387</b>	<b>484,231</b>	<b>424,120</b>	<b>5,319</b>	<b>39,893</b>	<b>386,574</b>	<b>143</b>	<b>1,271</b>
Percent Distribution								
Cities/ Towns	100.00	87.90	80.34	2.64	21.15	79.72	-	0.54
Urban Villages	100.00	85.26	71.47	0.94	5.86	94.74	-	0.30
Rural Villages	100.00	45.44	41.83	0.23	2.61	97.45	0.15	-
<b>Total</b>	<b>100.00</b>	<b>72.45</b>	<b>63.45</b>	<b>1.25</b>	<b>9.41</b>	<b>91.15</b>	<b>0.03</b>	<b>0.30</b>
Percent of Total								
Cities/ Towns	22.04	26.75	27.91	58.80	62.75	24.41	-	50.28
Urban Villages	44.31	52.15	49.91	37.21	31.09	51.88	-	49.72
Rural Villages	33.64	21.10	22.18	3.99	6.16	23.71	100.00	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Statistics Botswana, Continuous Multi-Topic Household Survey

Note: "-" denotes zero

**Table 10: The Distribution of Households by Location and Reasons For Not Having Internet Access, 2019**

Location	Total Households	Households With Access To Electricity	Households With No Access To Internet	Household Reasons For No Internet Access									
				Have Access To Internet Elsewhere	Don't Need Internet (Because Not Useful, Not Interesting etc)	Equipment Costs Too High	Connection and Subscription Costs Too High	Lack of Skills	Privacy or Security Concerns	Broadband Internet Is Not Available In The Area	Physical Disability	Lack of Knowledge	Other Reason
Number													
Cities/ Towns	147,341	129,514	28,963	2,044	3,725	11,556	4,944	3,079	295	-	-	4,288	3,163
Urban Villages	296,195	252,536	84,504	6,757	10,608	25,299	9,774	15,204	719	-	283	21,254	7,019
Rural Villages	224,850	102,181	130,800	3,589	22,008	34,325	9,465	29,662	1,777	3,142	489	45,193	10,374
<b>Total</b>	<b>668,387</b>	<b>484,231</b>	<b>244,268</b>	<b>12,390</b>	<b>36,341</b>	<b>71,180</b>	<b>24,184</b>	<b>47,945</b>	<b>2,791</b>	<b>3,142</b>	<b>772</b>	<b>70,734</b>	<b>20,556</b>
Percent Distribution													
<b>Location</b>													
Cities/ Towns	100.00	87.90	19.66	7.06	12.86	39.90	17.07	0.11	1.02	-	-	14.80	10.92
Urban Villages	100.00	85.26	28.53	8.00	12.55	29.94	11.57	0.18	0.85	-	0.33	25.15	8.31
Rural Villages	100.00	45.44	58.17	2.74	16.83	26.24	7.24	0.23	1.36	2.40	0.37	34.55	7.93
<b>Total</b>	<b>100.00</b>	<b>72.45</b>	<b>36.55</b>	<b>5.1</b>	<b>14.9</b>	<b>29.1</b>	<b>9.9</b>	<b>0.2</b>	<b>1.1</b>	<b>1.3</b>	<b>0.3</b>	<b>29.0</b>	<b>8.4</b>
Percent of Total													
<b>Location</b>													
Cities/ Towns	22.04	26.75	11.86	16.49	10.25	16.24	20.45	6.42	10.58	-	-	6.06	15.39
Urban Villages	44.31	52.15	34.60	54.54	29.19	35.54	40.42	31.71	25.76	-	36.65	30.05	34.15
Rural Villages	33.64	21.10	53.55	28.97	60.56	48.22	39.14	61.87	63.66	100.00	63.35	63.89	50.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

**Source:** Statistics Botswana, Continuous Multi-Topic Household Survey

**Note:** "-" denotes zero



Private Bag 0024  
Gaborone  
Botswana  
**Tel:** 3671300  
**Fax:** 3952201  
**Toll Free:** 0800 600 200  
**E-mail:** [info@statsbots.org.bw](mailto:info@statsbots.org.bw)  
**Website:** <http://www.statsbots.org.bw>



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