

Botswana Information and Communication Technology Stats Brief Q1 2023


Private Bag 0024, Gaborone
Tel: 367 1300 Fax: 395 2201 Toll Free: 0800 600 200

E-mail: info@statsbots.org.bw
Website: <http://www.statsbots.org.bw>



STATISTICS BOTSWANA

Botswana Information and Communication Technology
Stats Brief Q1 2023



**Botswana Information and
Communication Technology
Stats Brief Q1 2023**

Preface

This Stats Brief presents Botswana Information and Communication Technology Statistics for Q1 2023. It contains statistics relating to ICT infrastructure and services, as well as the contribution of Information and Communication Sector to the economy.

Fixed telephone line subscriptions declined by 0.1 percent in Q1 2023, from 91,725 in Q4 2022 to 91,625, while mobile cellular telephone subscriptions increased by 0.7 percent from 4,348,010 in Q4 2022 to 4,379,999. Internet subscriptions stood at 2,906,834 in the same quarter, registering a decline of 2.4 percent from 2,977,845 recorded in Q4 2022. Mobile money subscriptions declined as well from 1,811,036 subscriptions registered in Q4 2022 to 1,685,072.


Fixed to mobile telephone domestic calls traffic rose by 1.7 percent in Q1 2023, from 23.7 million minutes registered in Q4 2022 to 24.1 million minutes. Mobile to fixed telephone domestic calls traffic however decreased by 0.3 percent in Q1 2023.

Outgoing international calls traffic from both fixed and mobile telephones declined in Q1 2023. Fixed telephones outgoing international calls traffic fell by 7.7 percent while mobile telephones outgoing international calls traffic decreased by 8.9 percent.

The ICT sector's contribution to the economy in Q1 2023 stood at 2.6 percent of total GDP at current prices. At constant prices, the ICT sector realised an annual growth rate of 4.8 percent.

For more information and further enquiries, contact the Directorate of Stakeholder Relations at **+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 acknowledges and extends gratitude to the various Government departments and/or organisations that provided information for this publication.

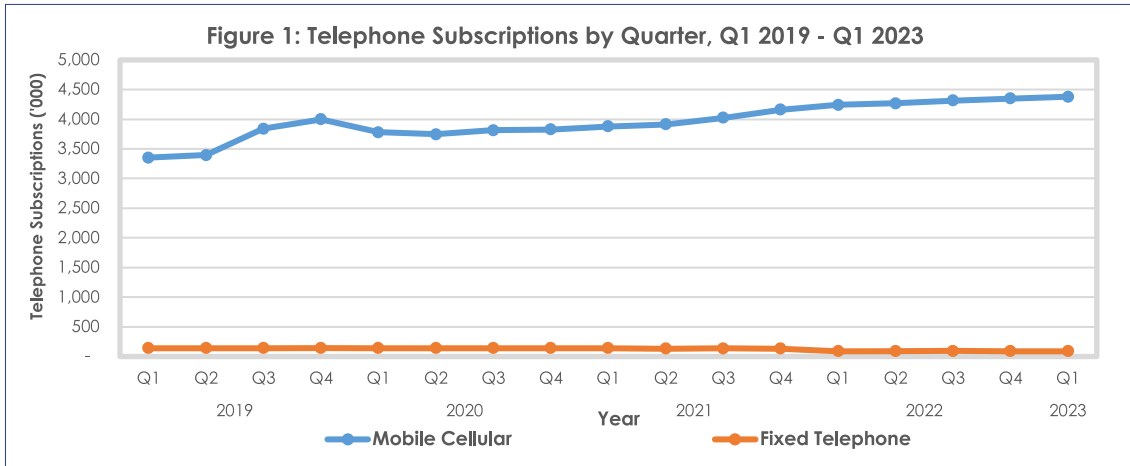


Dr. Burton S. Mguni
Statistician General
August 2023

1. TELECOMMUNICATION

1.1 Telephone Subscriptions

The quarter-on-quarter comparison of telephone subscriptions shows a decline of 0.1 percent in fixed telephone line subscriptions and an increase of 0.7 percent in mobile cellular telephone subscriptions. Fixed telephone line subscriptions went down from 91,725 recorded in Q4 2022 to 91,625 in the current quarter, while Mobile cellular telephone subscriptions increased from 4,348,010 registered in Q4 2022 to 4,379,999. This is illustrated in **Figure 1** and **Table 1.1** below.



The year-on-year perspective shows an increase of 1.2 and 3.2 percent in fixed telephone and mobile cellular telephone subscriptions respectively. More details are shown in **Table 1** in the **Appendix**.

Table 1.1: Telephone Subscriptions by Quarter and Year, Q1 2020 - Q1 2023

Telephone Subscriptions	2020				2021				2022				2023
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1
Numbers													
Fixed Telephone	140,722	140,055	139,281	140,003	139,930	134,498	136,356	132,457	90,518	89,487	93,925	91,725	91,625
Mobile Cellular Telephone													
Pre-Paid	3,656,209	3,620,072	3,678,386	3,688,472	3,733,282	3,766,580	3,873,541	4,009,022	4,089,184	4,110,829	4,149,143	4,181,783	4,201,531
Post Paid	122,492	127,250	134,809	140,936	143,491	145,253	149,468	151,531	153,940	159,090	166,225	166,227	178,468
Total	3,778,701	3,747,322	3,813,195	3,829,408	3,876,773	3,911,833	4,023,009	4,160,553	4,243,124	4,269,919	4,315,368	4,348,010	4,379,999
Quarterly Percentage Change													
Fixed Telephone	(0.8)	(0.5)	(0.6)	0.5	(0.1)	(3.9)	1.4	(2.9)	(31.7)	(1.1)	5.0	(2.3)	(0.1)
Mobile Cellular Telephone													
Pre-Paid	(6.1)	(1.0)	1.6	0.3	1.2	0.9	2.8	3.5	2.0	0.5	0.9	0.8	0.5
Post Paid	13.9	3.9	5.9	4.5	1.8	1.2	2.9	1.4	1.6	3.3	4.5	0.0	7.4
Total	(5.5)	(0.8)	1.8	0.4	1.2	0.9	2.8	3.4	2.0	0.6	1.1	0.8	0.7

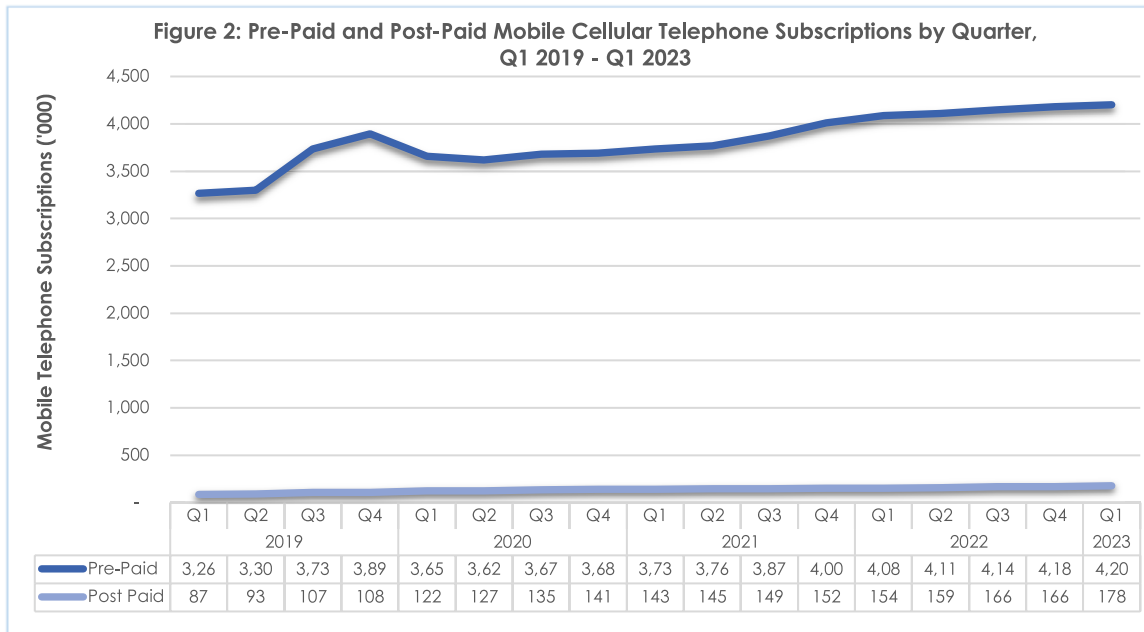
Source: Information and Communication Technology Statistics, Statistics Botswana

Note: "..." denotes no data

2.

1.2 Mobile Cellular Telephone Subscriptions

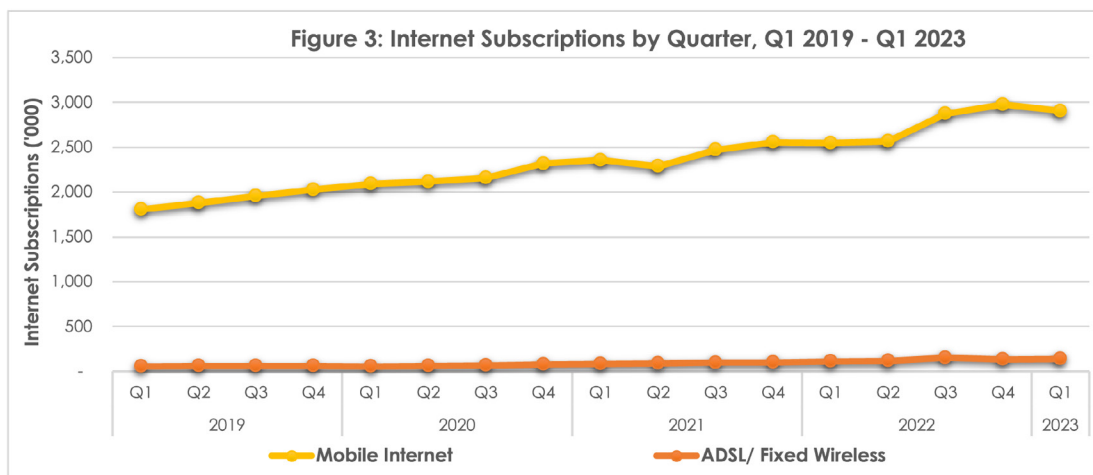
The increase of 0.7 percent in total mobile cellular telephone subscriptions during the current quarter was influenced by the increase in both pre-paid and post-paid mobile cellular telephone subscriptions. Pre-paid mobile cellular telephone subscriptions went up by 0.5 percent (from 4,181,783 in Q4 2022 to 4,201,531) while post-paid mobile cellular telephone subscriptions increased by 7.4 percent (from 166,227 in Q4 2022 to 178,468). Details are shown in **Figure 2** below and **Table 1** in the **Appendix**.



1.3 Internet Subscriptions

Total internet subscriptions (i.e. mobile internet plus fixed internet subscriptions) declined by 2.4 percent in Q1 2023. This was attributable to mobile internet subscriptions which decreased by 2.7 percent, from 2,844,958 subscriptions in Q4 2022 to 2,768,010 in the current quarter. However, fixed internet subscriptions rose by 4.5 percent, from 132,887 registered in Q4 2022 to 138,824 in Q1 2023.

Compared to the same quarter of the previous year, Q1 2023 realised an increase of 14.1 percent in total internet subscriptions, with both mobile and fixed internet subscriptions registering increases of 13.7 and 24.1 percent respectively. Details are as indicated in **Figure 3** below and **Table 2** in the **Appendix**.

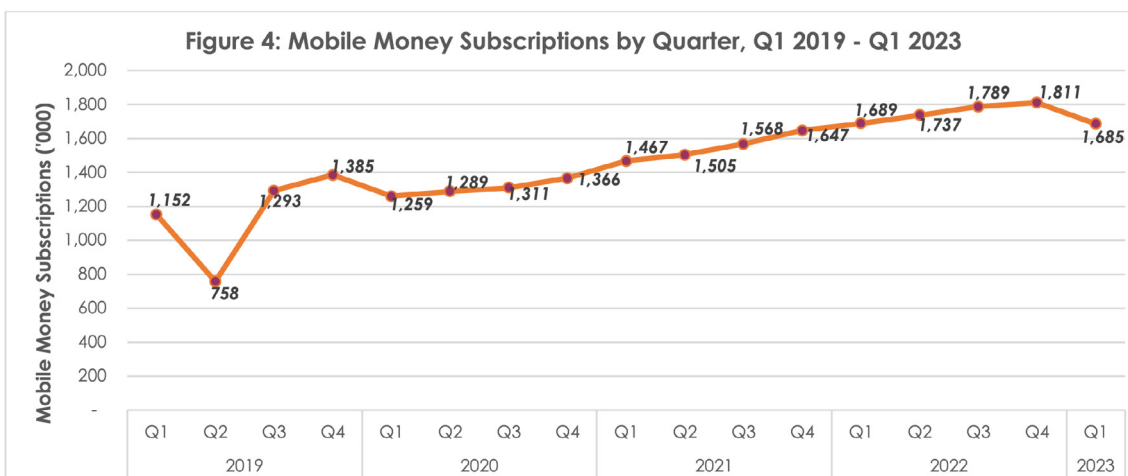


1.4 Mobile Money Subscriptions

Mobile money is a technology that allows customers to receive, store and spend money using a mobile cellular telephone. To enjoy the benefits of mobile money, a customer has to register and open an account with a mobile money service provider. Existing mobile money services in Botswana include Smega by BTC, Orange Money by Orange Botswana, Myzaka by Mascom and Poso Money by Botswana Post.

Figure 4 below depicts mobile money subscriptions for the period 2019 to Q1 2023. The subscriptions have been fluctuating over the years. In Q1 2023, mobile money subscriptions decreased by 7.0 percent, from 1,811,036 registered in Q4 2022 to 1,685,072.

Comparing Q1 2023 to the same quarter of the previous year, mobile money subscriptions went down by 0.2 percent. More details are illustrated in **Table 3** in the **Appendix**.



1.5 Telephone Traffic

Telephone calls traffic comprises of Domestic calls, International calls and Short Message Service (SMS).

During Q1 2023, On-net fixed telephone domestic calls (Fixed to fixed telephone calls) traffic declined by 1.5 percent, from 14.1 million minutes registered in Q4 2022 to 13.9 million. Off net fixed telephone domestic calls (Fixed to mobile telephone calls) traffic however increased by 1.7 percent, from 23.7 million minutes in Q4 2022 to 24.1 million minutes.

With regard to mobile telephone domestic calls traffic, on-net mobile telephone traffic went down by 3.0 percent in Q1 2023, from 2,071.6 million minutes recorded in Q4 2022 to 2,010.2 million. Off-net mobile telephone traffic as well as mobile to fixed telephone traffic also fell in Q1 2023, registering 11.9 percent and 0.3 percent decreases respectively.

International outgoing fixed telephone calls traffic decreased by 7.7 percent in Q1 2023, from 1.0 million minutes in Q4 2022 to 0.9 million. Outgoing international mobile telephone calls traffic also decreased, by 8.9 percent in Q1 2023, from 4.1 million minutes recorded in Q4 2022 to 3.8 million minutes.

On-net short message services (SMS) fell by 10.0 percent and off-net SMS traffic decreased by 8.6 percent in Q1 2023. Details are shown in **Table 1.2** below and **Table 4** in the **Appendix**.

4.

Table 1.2: Domestic and International Telephone Traffic (Minutes) by Quarter, Q1 2020 - Q1 2023

Telephone and Short Message Service Traffic	2020				2021				2022				2023
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1
Numbers ('000 000)													
Domestic Calls													
Fixed to Fixed Telephone Traffic	24.3	16.4	20.8	20.1	18.6	17.3	15.5	15.8	15.7	15.0	15.4	14.1	13.9
Fixed to Mobile Telephone Traffic	30.2	24.4	27.2	29.4	27.2	25.7	25.0	25.7	26.4	24.0	23.9	23.7	24.1
On Net Mobile Telephone Traffic	1,100.3	1,644.4	1,777.2	1,787.3	1,818.9	1,860.1	2,074.5	1,998.2	1,903.2	1,945.9	2,087.6	2,071.6	2,010.2
Off Net Mobile Telephone Traffic	187.9	170.6	194.2	208.0	189.1	185.9	178.2	182.5	155.6	148.7	146.1	148.4	130.8
Mobile to Fixed Telephone Traffic	63.0	47.5	59.1	60.5	55.8	52.8	50.8	52.4	58.4	54.5	54.8	54.2	54.1
International Calls													
Outgoing Fixed Telephone Traffic	2.7	3.2	1.8	1.7	1.5	1.4	1.3	1.2	1.3	1.2	1.1	1.0	0.9
Incoming Fixed Telephone Traffic	-	-	-	-	-	-	-	-	-	-	-	-	-
Outgoing Mobile Telephone Traffic	8.2	6.7	6.9	6.9	6.2	6.0	5.8	5.3	4.3	4.9	4.1	4.1	3.8
Short Message Service													
On Net	130.5	106.0	109.3	110.6	103.4	97.0	100.3	105.7	99.9	98.2	98.6	97.1	87.4
Off Net	80.3	63.6	66.0	68.5	61.1	56.0	55.6	58.0	53.4	51.1	49.5	49.3	45.1
Quarterly Percentage Change													
Domestic Calls													
Fixed to Fixed Telephone Traffic	...	(32.4)	26.8	(3.3)	(7.4)	(7.1)	(10.4)	1.8	(0.4)	(4.3)	2.3	(8.0)	(1.5)
Fixed to Mobile Telephone Traffic	...	(19.3)	11.5	8.2	(7.5)	(5.4)	(3.0)	3.1	2.5	(9.1)	(0.4)	(0.6)	1.7
On Net Mobile Telephone Traffic	...	49.4	8.1	0.6	1.8	2.3	11.5	(3.7)	(4.8)	2.2	7.3	(0.8)	(3.0)
Off Net Mobile Telephone Traffic	...	(9.2)	13.9	7.1	(9.1)	(1.7)	(4.2)	2.4	(14.7)	(4.4)	(1.8)	1.6	(11.9)
Mobile to Fixed Telephone Traffic	...	(24.6)	24.4	2.4	(7.7)	(5.3)	(3.8)	3.1	11.5	(6.7)	0.6	(1.1)	(0.3)
International Calls													
Outgoing Fixed Telephone Traffic	...	19.8	(44.4)	(4.2)	(14.0)	(5.2)	(7.5)	(6.0)	5.3	(8.5)	(4.9)	(8.2)	(7.7)
Incoming Fixed Telephone Traffic	...	-	-	-	-	-	-	-	-	-	-	-	-
Outgoing Mobile Telephone Traffic	...	(17.9)	1.7	(0.1)	(9.6)	(3.6)	(2.7)	(9.2)	(18.8)	13.6	(16.1)	0.8	(8.9)
Short Message Service													
On Net	...	(18.7)	3.1	1.2	(6.5)	(6.2)	3.4	5.3	(5.5)	(1.7)	0.4	(1.5)	(10.0)
Off Net	...	(20.8)	3.8	3.7	(10.8)	(8.3)	(0.8)	4.3	(7.9)	(4.2)	(3.1)	(0.5)	(8.6)

Source: Information and Communication Technology Statistics, Statistics Botswana

Note: "-" denotes zero

"..." denotes no data

2. CONTRIBUTION OF COMMUNICATION AND POSTAL SERVICES TO GDP

Table 2.1 below illustrates the contribution of Information and Communication Technology (ICT) as well as Postal and Courier Services to the Gross Domestic Product (GDP).

In Q1 2023, the contribution of ICT sector to the economy stood at 2.6 percent of total GDP at current prices and 2.5 percent at constant prices. The ICT sector's value added at current prices amounted to P1, 720.2 million while at constant prices it amounted to P1, 286.2 million. The sector registered an annual growth rate of 4.8 percent in constant prices.

The Postal and Courier Services sector's value added amounted to P71.5 million in current prices, which constituted 0.1 percent of total GDP in Q1 2023. Postal and Courier Services Sector produced a value added of P44.3 million at constant prices, also contributing 0.1 percent of total GDP. The sector registered a decreasing annual growth rate of 1.4 percent in constant prices. More details are in **Table 5** in the Appendix.

Table 2.1: Contribution of Information and Communication Technology (ICT) and Postal Services To GDP by Quarter and Year, Q1 2020 - Q1 2023

ICT and Postal & Courier Services	2020				2021				2022				2023
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1
Current Prices													
Total GDP (P Million)	46,066.4	36,233.7	43,641.8	45,100.0	46,929.4	48,667.3	49,286.8	50,408.8	53,830.8	58,586.1	62,496.9	65,005.0	66,880.0
ICT Value Added (P Million)	1,282.3	1,185.9	1,255.4	1,341.4	1,366.8	1,360.0	1,348.5	1,423.5	1,471.8	1,511.6	1,552.2	1,633.6	1,720.2
ICT Contribution To GDP (%)	2.8	3.3	2.9	3.0	2.9	2.8	2.7	2.8	2.7	2.6	2.5	2.5	2.6
ICT Annual Growth Rates (%)	8.2	(0.8)	2.6	8.3	6.6	14.7	7.4	6.1	7.7	11.1	15.1	14.8	16.9
Postal & Courier Services Value Added (P Million)													
Postal & Courier Services Value Added (P Million)	59.8	49.1	55.9	63.0	69.4	57.0	62.1	64.7	64.6	60.6	59.6	67.2	71.5
Postal & Courier Services Contribution To GDP (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Postal & Courier Services Annual Growth Rates (%)	(7.4)	(13.1)	2.4	17.1	16.1	16.0	11.1	2.7	(6.9)	6.3	(4.1)	3.9	10.6
Constant Prices													
Total GDP (P Million)	45,856.1	33,710.3	44,125.9	44,033.5	46,314.1	46,225.6	47,821.6	46,485.3	49,501.1	48,805.6	51,085.0	49,455.3	52,256.7
ICT Value Added (P Million)	1,134.4	1,046.1	1,104.6	1,163.3	1,179.3	1,146.3	1,130.9	1,187.7	1,224.1	1,216.4	1,207.3	1,242.2	1,286.2
ICT Contribution To GDP (%)	2.5	3.1	2.5	2.6	2.5	2.5	2.4	2.6	2.5	2.5	2.4	2.5	2.5
ICT Annual Growth Rates (%)	5.3	(2.8)	0.5	4.7	4.0	9.6	2.4	2.1	3.8	6.1	6.8	4.6	4.8
Postal & Courier Services Value Added (P Million)													
Postal & Courier Services Value Added (P Million)	47.3	38.8	44.2	43.9	48.3	39.6	43.2	45.0	45.0	42.1	41.4	43.3	44.3
Postal & Courier Services Contribution To GDP (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Postal & Courier Services Annual Growth Rates (%)	(7.4)	(13.1)	2.4	3.1	2.1	2.1	(2.2)	2.7	(6.9)	6.3	(4.1)	(3.9)	(1.4)

Source: National Accounts, Statistics Botswana

APPENDIX

Table 1: Telephone Subscriptions by Quarter and Year, Q1 2018 - Q1 2023

Year/Quarter		Telephone Subscriptions							
		Mobile Cellular			Fixed Telephone	Mobile Cellular			Fixed Telephone
		Pre-Paid	Post Paid	Total		Pre-Paid	Post Paid	Total	
		Numbers				Quarterly Percentage Change			
2018	Q1	3,089,505	92,086	3,181,591	141,835
	Q2	3,123,590	80,549	3,204,139	142,602	1.1	(12.5)	0.7	0.5
	Q3	3,161,505	84,928	3,246,433	143,213	1.2	5.4	1.3	0.4
	Q4	3,295,636	85,592	3,381,228	142,481	4.2	0.8	4.2	(0.5)
2019	Q1	3,266,527	86,810	3,353,337	140,202	(0.9)	1.4	(0.8)	(1.6)
	Q2	3,300,897	92,571	3,393,468	138,831	1.1	6.6	1.2	(1.0)
	Q3	3,733,341	106,677	3,840,018	140,491	13.1	15.2	13.2	1.2
	Q4	3,891,733	107,511	3,999,244	141,896	4.2	0.8	4.1	1.0
2020	Q1	3,656,209	122,492	3,778,701	140,722	(6.1)	13.9	(5.5)	(0.8)
	Q2	3,620,072	127,250	3,747,322	140,055	(1.0)	3.9	(0.8)	(0.5)
	Q3	3,678,386	134,809	3,813,195	139,281	1.6	5.9	1.8	(0.6)
	Q4	3,688,472	140,936	3,829,408	140,003	0.3	4.5	0.4	0.5
2021	Q1	3,733,282	143,491	3,876,773	139,930	1.2	1.8	1.2	(0.1)
	Q2	3,766,580	145,253	3,911,833	134,498	0.9	1.2	0.9	(3.9)
	Q3	3,873,541	149,468	4,023,009	136,356	2.8	2.9	2.8	1.4
	Q4	4,009,022	151,531	4,160,553	132,457	3.5	1.4	3.4	(2.9)
2022	Q1	4,089,184	153,940	4,243,124	90,518	2.0	1.6	2.0	(31.7)
	Q2	4,110,829	159,090	4,269,919	89,487	0.5	3.3	0.6	(1.1)
	Q3	4,149,143	166,225	4,315,368	93,925	0.9	4.5	1.1	5.0
	Q4	4,181,783	166,227	4,348,010	91,725	0.8	0.0	0.8	(2.3)
2023	Q1	4,201,531	178,468	4,379,999	91,625	0.5	7.4	0.7	(0.1)

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 2: Internet Subscriptions by Quarter and Year, Q1 2018 - Q1 2023

Year/Quarter		Internet Subscriptions					
		ADSL/ Fixed wireless	Mobile Internet	Total	ADSL/ Fixed wireless	Mobile Internet	Total
		Numbers			Quarterly Percentage Change		
2018	Q1	50,514	1,523,545	1,574,059
	Q2	53,057	1,605,727	1,658,784	5.0	5.4	5.4
	Q3	54,687	1,630,364	1,685,051	3.1	1.5	1.6
	Q4	55,390	1,749,059	1,804,449	1.3	7.3	7.1
2019	Q1	55,565	1,752,547	1,716,229	0.3	0.2	(4.9)
	Q2	60,944	1,818,007	1,878,951	9.7	3.7	9.5
	Q3	61,271	1,896,424	1,957,695	0.5	4.3	4.2
	Q4	62,058	1,965,456	2,027,515	1.3	8.4	8.2
2020	Q1	55,592	2,037,359	2,092,951	(10.4)	3.7	3.2
	Q2	62,758	2,055,764	2,118,522	12.9	0.9	1.2
	Q3	66,647	2,093,386	2,160,033	6.2	1.8	2.0
	Q4	77,353	2,240,166	2,317,519	16.1	7.0	7.3
2021	Q1	83,910	2,273,363	2,357,273	8.5	1.5	1.7
	Q2	90,370	2,197,671	2,288,041	7.7	(3.3)	(2.9)
	Q3	97,395	2,374,865	2,472,260	7.8	8.1	8.1
	Q4	101,915	2,455,623	2,557,538	4.6	3.4	3.4
2022	Q1	111,851	2,435,484	2,547,335	9.7	(0.8)	(0.4)
	Q2	116,641	2,450,505	2,567,146	4.3	0.6	0.8
	Q3	153,207	2,721,946	2,875,153	31.3	11.1	12.0
	Q4	132,887	2,844,958	2,977,845	(13.3)	4.5	3.6
2023	Q1	138,824	2,768,010	2,906,834	4.5	(2.7)	(2.4)

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

**Table 3: Mobile Money Subscriptions by Quarter and Year,
Q1 2018 - Q1 2023**

Mobile Money Subscriptions			
Year/ Quarter		Numbers	Quarterly Percentage Change
2018	Q1	851,719	...
	Q2	902,005	5.9
	Q3	934,164	3.6
	Q4	1,074,706	15.0
2019	Q1	1,151,584	7.2
	Q2	757,506	(34.2)
	Q3	1,292,997	70.7
	Q4	1,384,502	7.1
2020	Q1	1,259,182	(9.1)
	Q2	1,288,656	2.3
	Q3	1,310,641	1.7
	Q4	1,365,938	4.2
2021	Q1	1,466,962	7.4
	Q2	1,504,719	2.6
	Q3	1,568,363	4.2
	Q4	1,646,865	5.0
2022	Q1	1,689,062	2.6
	Q2	1,737,466	2.9
	Q3	1,788,551	2.9
	Q4	1,811,036	1.3
2023	Q1	1,685,072	(7.0)

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 4: Domestic and International Telephone Traffic (Minutes) by Quarter and Year, Q1 2018 - Q1 2023

Year/ Quarter		Telephone and Short Message Service Traffic									
		Domestic Calls					International Calls			Short Message Service	
		Fixed to Fixed Telephone Traffic	Fixed to Mobile Telephone Traffic	On Net Mobile Telephone Traffic	Off Net Mobile Telephone Traffic	Mobile to Fixed Telephone Traffic	Outgoing Fixed Telephone Traffic	Incoming Fixed Telephone Traffic	Outgoing Mobile Telephone Traffic	On Net	Off Net
2018	Q1	29,051,482	31,167,605	583,152,907	135,349,759	9,727,092	3,411,214	-	10,579,435	121,595,497	151,872,112
	Q2	40,118,866	31,847,458	248,849,839	38,528,098	3,217,349	4,520,062	-	3,885,730	84,284,330	82,126,432
	Q3	29,051,482	31,167,605	730,436,647	165,312,108	6,737,448	3,411,214	-	13,482,935	174,420,541	177,695,619
	Q4	27,180,726	32,056,516	711,914,725	132,472,504	6,981,007	3,434,211	-	6,891,130	172,698,636	137,566,702
2019	Q1	27,181,299	31,573,772	1,143,172,248	135,349,759	9,727,092	2,825,652	-	10,037,404	173,606,036	131,228,779
	Q2	23,815,395	28,819,316	1,285,607,439	142,798,477	8,329,621	2,704,286	-	12,628,861	132,886,661	144,579,482
	Q3	29,851,168	33,974,218	1,011,056,590	171,590,589	9,422,874	3,744,817	-	9,015,650	144,579,482	91,645,479
	Q4	22,794,450	26,496,430	985,418,896	137,503,751	9,763,511	2,653,915	-	8,858,345	143,152,172	157,855,498
2020	Q1	24,250,651	30,205,674	1,100,308,384	187,889,689	62,961,837	2,699,562	-	8,216,079	130,492,293	80,274,410
	Q2	16,386,507	24,378,849	1,644,389,257	170,571,174	47,483,422	3,234,515	-	6,748,608	106,028,158	63,583,841
	Q3	20,782,825	27,174,997	1,777,231,669	194,247,474	59,059,963	1,799,422	-	6,865,472	109,272,506	66,012,639
	Q4	20,106,022	29,399,328	1,787,293,432	208,023,056	60,450,409	1,724,674	-	6,858,785	110,583,362	68,478,993
2021	Q1	18,627,470	27,203,594	1,818,879,193	189,090,907	55,766,233	1,482,397	-	6,200,439	103,449,026	61,083,339
	Q2	17,304,785	25,735,141	1,860,078,597	185,945,710	52,801,580	1,405,280	-	5,980,189	97,026,663	56,012,965
	Q3	15,498,011	24,958,082	2,074,516,636	178,181,951	50,780,236	1,300,567	-	5,818,050	100,331,575	55,579,176
	Q4	15,776,249	25,739,964	1,998,217,589	182,451,428	52,371,979	1,222,445	-	5,279,882	105,694,654	57,968,568
2022	Q1	15,719,621	26,379,313	1,903,230,884	155,616,501	58,391,682	1,287,234	-	4,285,574	99,881,824	53,381,690
	Q2	15,042,392	23,970,257	1,945,856,890	148,711,103	54,480,987	1,177,963	-	4,867,801	98,172,383	51,127,179
	Q3	15,381,438	23,878,393	2,087,604,482	146,054,976	54,828,695	1,119,948	-	4,084,801	98,580,462	49,534,661
	Q4	14,147,411	23,735,756	2,071,646,931	148,445,942	54,247,427	1,028,440	-	4,119,487	97,130,920	49,281,498
2023	Q1	13,928,311	24,129,043	2,010,152,395	130,802,006	54,079,791	949,617	-	3,751,063	87,383,790	45,050,150

Source: Botswana Communications Regulatory Authority

Note: "-" denotes zero

Table 5: Contribution of Information & Communication Technology (ICT) and Postal & Courier Services To Gross Domestic Product by Quarter and Year, Q1 2018 - Q1 2023

Year/Quarter		Current Prices							Constant Prices						
		Total GDP (P Million)	ICT Value Added (P Million)	ICT Contribution To GDP (%)	ICT Annual Growth Rates (%)	Postal & Courier Services Value Added (P Million)	Postal & Courier Services Contribution To GDP (%)	Postal & Courier Services Annual Growth Rates (%)	Total GDP (P Million)	ICT Value Added (P Million)	ICT Contribution To GDP (%)	ICT Annual Growth Rates (%)	Postal & Courier Services Value Added (P Million)	Postal & Courier Services Contribution To GDP (%)	Postal & Courier Services Annual Growth Rates (%)
2018	Q1	41,663.7	973.9	2.3	6.0	55.0	0.1	30.0	43,211.9	906.2	2.1	0.4	43.5	0.1	2.8
	Q2	42,866.3	1,025.8	2.4	6.4	54.2	0.1	40.4	44,768.1	938.9	2.1	0.0	42.8	0.1	11.0
	Q3	44,301.5	1,006.3	2.3	7.4	58.6	0.1	(6.9)	44,402.7	921.6	2.1	2.1	46.3	0.1	(19.9)
	Q4	43,693.8	1,019.8	2.3	(18.0)	59.8	0.1	8.3	45,424.5	933.0	2.1	(21.2)	47.3	0.1	8.3
2019	Q1	44,305.7	1,087.1	2.5	11.6	64.6	0.1	17.4	45,199.5	987.8	2.2	9.0	51.0	0.1	17.4
	Q2	44,749.2	1,054.3	2.4	2.8	56.5	0.1	4.4	45,911.8	949.5	2.1	1.1	44.7	0.1	4.4
	Q3	45,513.6	1,043.7	2.3	3.7	54.6	0.1	(6.8)	45,986.9	937.1	2.0	1.7	43.2	0.1	(6.8)
	Q4	43,912.0	1,155.7	2.6	13.3	53.8	0.1	(10.0)	46,030.2	1,036.2	2.3	11.1	42.5	0.1	(10.0)
2020	Q1	46,464.0	1,197.2	2.6	10.1	59.8	0.1	(7.4)	45,746.7	1,059.2	2.3	7.2	47.3	0.1	(7.4)
	Q2	36,585.0	1,103.3	3.0	4.6	49.1	0.1	(13.1)	33,960.0	973.4	2.9	2.5	38.8	0.1	(13.1)
	Q3	43,873.2	1,174.3	2.7	12.5	55.9	0.1	2.4	43,978.6	1,033.3	2.3	10.3	44.2	0.1	2.4
	Q4	45,630.2	1,251.7	2.7	8.3	63.0	0.1	17.1	43,890.2	1,085.5	2.5	4.8	43.9	0.1	3.1
2021	Q1	47,739.3	1,275.7	2.7	6.6	69.4	0.1	16.1	46,078.2	1,100.8	2.4	3.9	48.3	0.1	2.1
	Q2	48,667.3	1,360.0	2.8	14.7	57.0	0.1	16.0	46,225.6	1,146.3	2.5	9.6	39.6	0.1	2.1
	Q3	49,286.8	1,348.5	2.7	7.4	62.1	0.1	11.1	47,821.6	1,130.9	2.4	2.4	43.2	0.1	(2.2)
	Q4	50,408.8	1,423.5	2.8	6.1	64.7	0.1	2.7	46,485.3	1,187.7	2.6	2.1	45.0	0.1	2.7
2022	Q1	53,830.8	1,471.8	2.7	7.7	64.6	0.1	(6.9)	49,501.1	1,224.1	2.5	3.8	45.0	0.1	(6.9)
	Q2	58,586.1	1,511.6	2.6	11.1	60.6	0.1	6.3	48,805.6	1,216.4	2.5	6.1	42.1	0.1	6.3
	Q3	62,496.9	1,552.2	2.5	15.1	59.6	0.1	(4.1)	51,085.0	1,207.3	2.4	6.8	41.4	0.1	(4.1)
	Q4	65,005.0	1,633.6	2.5	14.8	67.2	0.1	3.9	49,455.3	1,242.2	2.5	4.6	43.3	0.1	(3.9)
2023	Q1	66,880.0	1,720.2	2.6	16.9	71.5	0.1	10.6	52,256.7	1,286.2	2.5	4.8	44.3	0.1	(1.4)

Source: National Accounts, Statistics Botswana

Definitions

1.1 Fixed Telephone

Fixed telephone lines refer to a telephone line connecting a customer's terminal equipment (e.g. telephone set, facsimile machine) to the public switched telephone network (PSTN) and which has a dedicated port on a telephone exchange. This term is synonymous with the terms main station or Direct Exchange Line (DEL) that are commonly used in telecommunication documents. It may not be the same as an access line or a subscriber.

1.2 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.

1.3 Internet

A world-wide public computer network which provides access to a number of communication services including services including the World – Wide Web and carries email, news, entertainment and data files. Access may be any device enabling internet access (not only a computer). It may also be by mobile phone, PDA, Games Machine, Digital TV etc.

1.4 Asymmetric Digital Subscriber line (ADSL)

Asymmetric digital subscriber line (ADSL) is a type of Digital Subscriber Line (DSL) technology, a data communications technology that enables faster data transmission over copper telephone lines.

1.5 Domestic Fixed Telephone Traffic (Minutes)

It consists of effective (completed) fixed telephone line traffic exchanged within the local charging area in which the calling station is situated. This is the area within which one subscriber can call another on payment of the local charge (if applicable). This indicator should be reported in the number of minutes.

1.6 National (fixed) Trunk Telephone Traffic (Minutes)

National (fixed) trunk (toll) traffic consists of effective (completed) fixed national telephone traffic exchange with a station outside the local charging area of the calling station. The indicator should be reported as the number of minutes of traffic.

1.7 International Outgoing Fixed Telephone Traffic (Minutes)

This covers the effective (completed) fixed traffic originating in a given country to destinations outside that country. The indicator should be reported as the number of minutes of traffic.

1.8 International Incoming Fixed Telephone Traffic (Minutes)

Effective (completed) fixed traffic originating outside the country with a destination inside the country. The indicator should be reported as the number of minutes of traffic.

1.9 Outgoing National Mobile Telephone Traffic (Minutes)

Total number of minutes made by mobile subscribers within a country (including minutes to fixed lines and minutes to other mobile subscribers).

1.10 SMS Traffic

Total number of mobile Short Message Service (SMS) sent, both to national and international destinations



Private Bag 0024, Gaborone
Tel: 3671300 Fax: 3952201
Toll Free: 0800 600 200

Private Bag F193,
Francistown
Tel. 241 5848, Fax. 241 7540

Private Bag 32
Ghanzi
Tel: 371 5723 Fax: 659 7506

Private Bag 47
Maun
Tel: 371 5716 Fax: 686 4327

E-mail: info@statsbots.org.bw Website: <http://www.statsbots.org.bw>



STATISTICS BOTSWANA