

Botswana Information & Communication Technology

Stats Brief Q4, 2023



STATISTICS BOTSWANA

Private Bag 0024, Gaborone

Tel: 3671300

Toll Free: 0800 600 200

E-mail: info@statsbots.org.bw

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

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PREFACE

This Stats Brief presents Botswana Information and Communication Technology Statistics for Q4 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 went down by 0.4 percent in Q4 2023, from 90,141 in Q3 2023 to 89,785 in Q4 2023. Mobile cellular telephone subscriptions declined by 1.3 percent from 4,498,792 in Q3 2023 to 4,440,314 in Q4 2023. Internet subscriptions stood at 3,091,441 in Q4 2023, registering a decrease of 3.5 percent from 3,202,688 recorded in Q3 2023. Mobile money subscriptions however increased by 1.2 percent in Q4 2023 from 1,790,263 registered in Q3 2023 to 1,811,401.

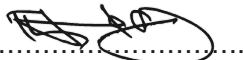
Fixed to mobile telephone domestic calls traffic rose by 4.8 percent in Q4 2023, from 21.6 million minutes registered in Q3 2023 to 22.7 million minutes. Mobile to fixed telephone domestic calls traffic however decreased by 4.6 percent in Q4 2023.

Fixed telephones outgoing international calls traffic increased by 1.2 percent in Q4 2023 while mobile telephones outgoing international calls traffic fell by 14.9 percent.

The ICT sector's contribution to the economy in Q4 2023 stood at 2.9 percent of total GDP at current prices. At constant prices, the ICT sector realised an annual growth rate of 2.9 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).

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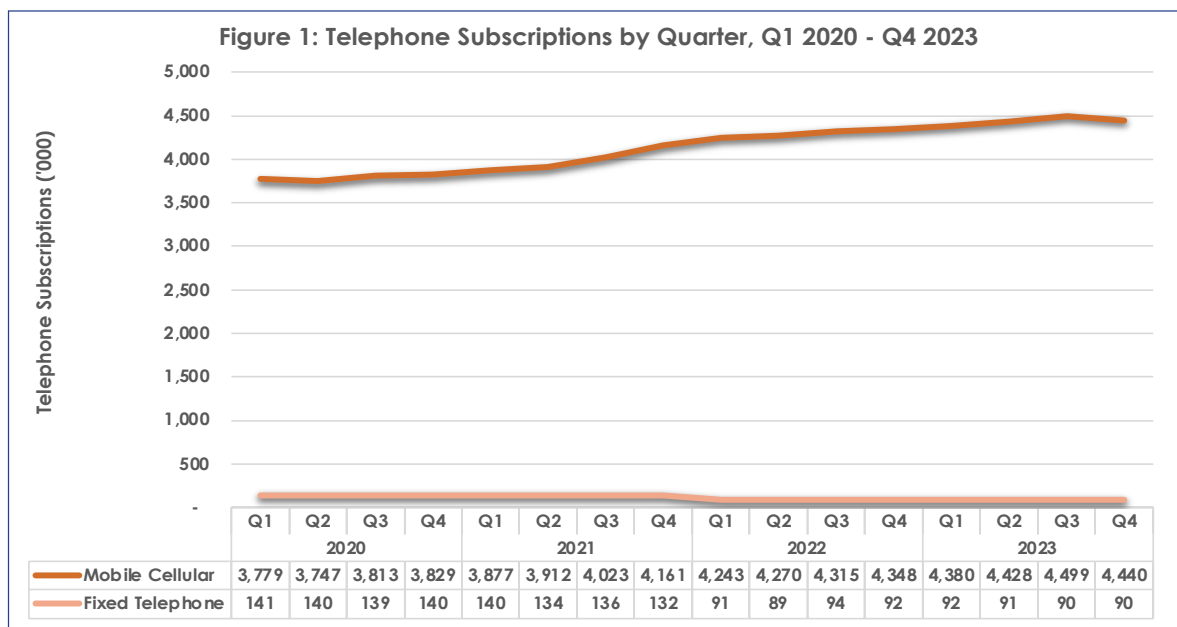


Dr. Lucky Mokgathe
Acting Statistician General
January 2025

1. TELECOMMUNICATION

1.1 Telephone Subscriptions

The quarter-on-quarter comparison of telephone subscriptions shows a decline of 0.4 percent in fixed telephone line subscriptions and 1.3 percent in mobile cellular telephone subscriptions. Fixed telephone line subscriptions went down from 90,141 recorded in Q3 2023 to 89,785 in Q4 2023, while mobile cellular telephone subscriptions decreased from 4,498,792 in Q3 2023 to 4,440,314 in Q4 2023. This is illustrated in **Figure 1** and **Table 1.1** below.



The year-on-year perspective shows a decrease of 2.1 percent in fixed telephone subscriptions and an increase of 2.1 percent in mobile cellular telephone subscriptions. Fixed telephone line subscriptions went down from 91,725 subscriptions registered in Q4 2022 to 89,785 in Q4 2023. Within the same period, mobile cellular telephone subscriptions increased from 4,348,010 to 4,440,314. Details are shown in **Table 1** in the **Appendix**.

Table 1.1: Telephone Subscriptions by Quarter and Year, Q1 2021 - Q4 2023

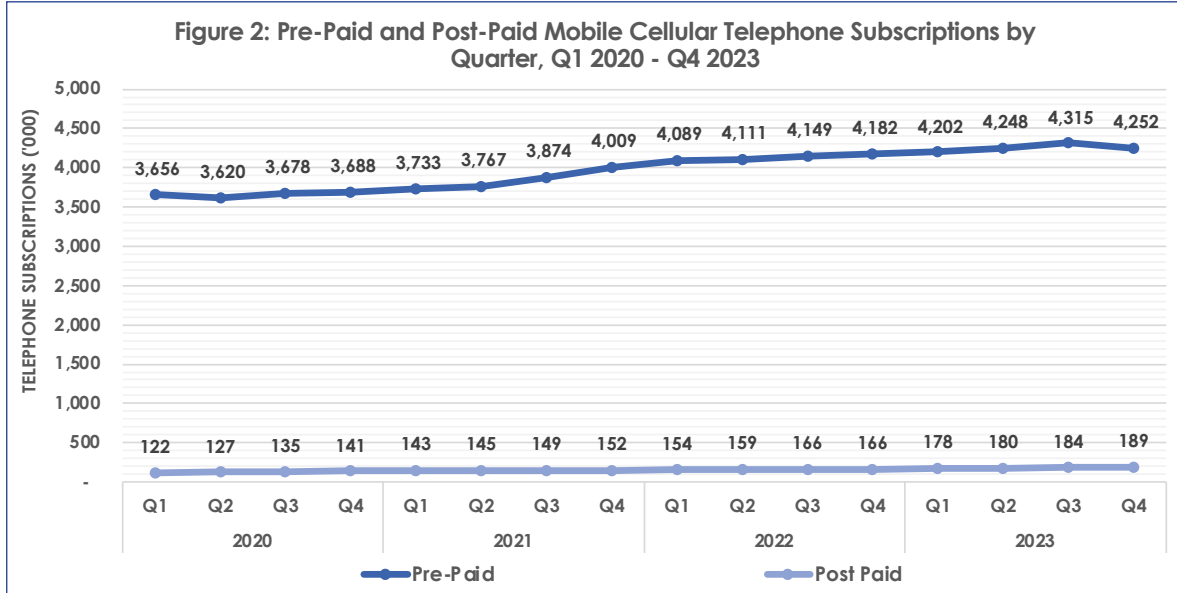
Telephone Subscriptions	2021				2022				2023			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Numbers												
Fixed Telephone	139,930	134,498	136,356	132,457	90,518	89,487	93,925	91,725	91,625	91,256	90,141	89,785
Mobile Cellular Telephone												
Pre-Paid	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	4,248,430	4,315,099	4,251,647
Post Paid	143,491	145,253	149,468	151,531	153,940	159,090	166,225	166,227	178,468	179,846	183,693	188,667
Total	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	4,428,276	4,498,792	4,440,314
Quarter-to-Quarter Percentage Change												
Fixed Telephone	(0.1)	(3.9)	1.4	(2.9)	(31.7)	(1.1)	5.0	(2.3)	(0.1)	(0.4)	(1.2)	(0.4)
Mobile Cellular Telephone												
Pre-Paid	1.2	0.9	2.8	3.5	2.0	0.5	0.9	0.8	0.5	1.1	1.6	(1.5)
Post Paid	1.8	1.2	2.9	1.4	1.6	3.3	4.5	0.0	7.4	0.8	2.1	2.7
Total	1.2	0.9	2.8	3.4	2.0	0.6	1.1	0.8	0.7	1.1	1.6	(1.3)

Source: Information and Communication Technology Statistics, Statistics Botswana

Note: "..." denotes no data

1.1.2 Mobile Cellular Telephone Subscriptions

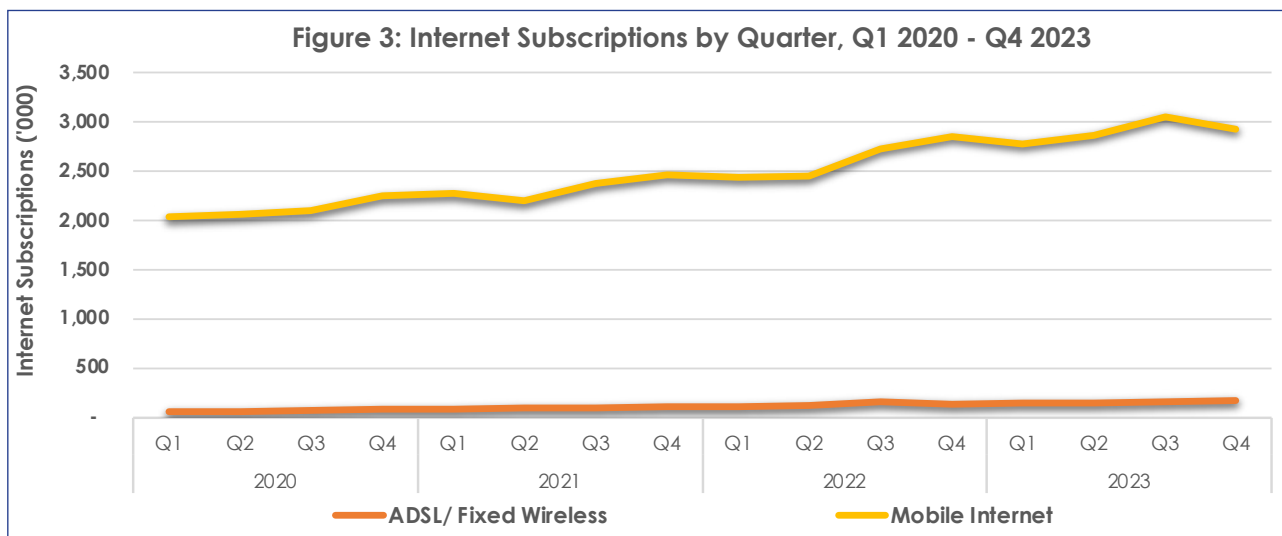
Total mobile cellular telephone subscriptions is made up of Pre-paid and Post-paid mobile cellular telephone subscriptions. Within the period under review, pre-paid mobile cellular telephone subscriptions declined by 1.5 percent (from 4,315,099 in Q3 2023 to 4,251,647 in Q4 2023) while post-paid mobile cellular telephone subscriptions went up by 2.7 percent (from 183,693 in Q3 2023 to 188,667 in Q4 2023). More 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 3.5 percent. This was due to a decrease in mobile internet subscriptions which dropped by 4.0 percent (from 3,047,654 subscriptions in Q3 2023 to 2,927,018 recorded in Q4 2023). Fixed internet subscriptions on the other hand rose by 6.1 percent, from 155,034 subscriptions registered in Q3 2023 to 164,423 in Q4 2023.

Compared to the same quarter of the previous year, Q4 2023 registered an increase of 3.8 percent in total internet subscriptions with both mobile and fixed internet subscriptions registering increases of 2.9 and 23.7 percent respectively. Details are as indicated in [Figure 3](#) below and [Table 2](#) in the [Appendix](#).

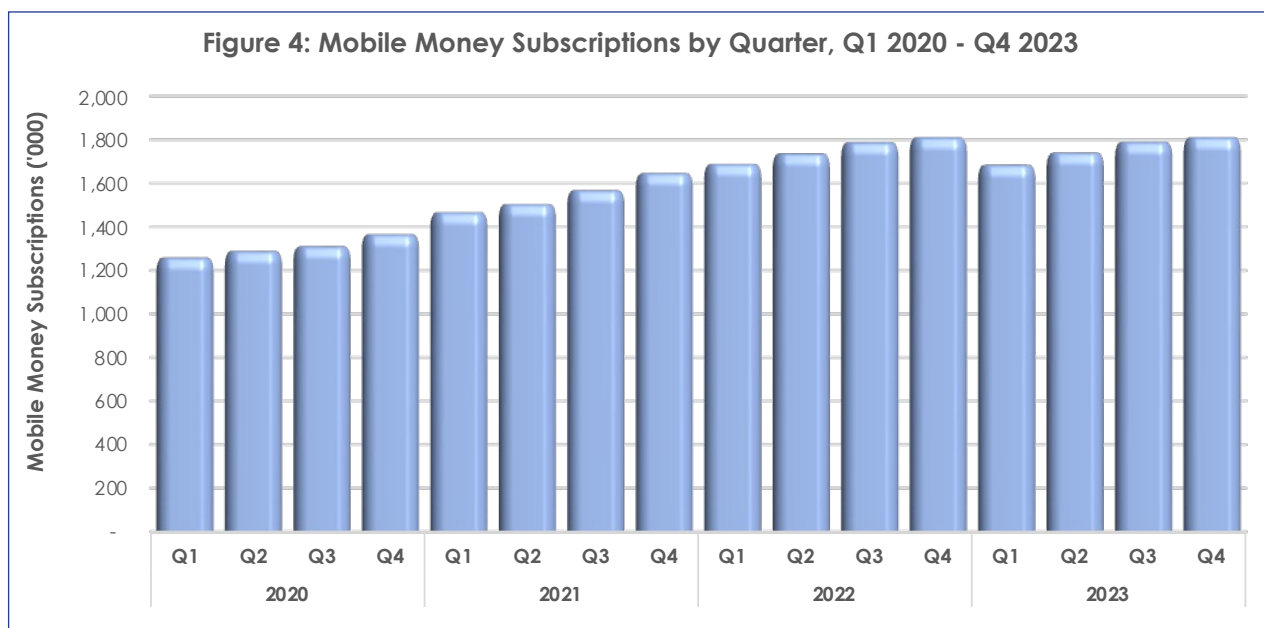


1.4 Mobile Money Subscriptions

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 illustrates mobile money subscriptions for the period 2020 to Q4 2023. On average, the subscriptions have been slightly increasing over the years. In Q4 2023, mobile money subscriptions went up by 1.2 percent, from 1,790,263 recorded in Q3 2023 to 1,811,401.

Compared to the same quarter of the previous year, Q4 2023 mobile money subscriptions increased slightly (0.02 percent) from 1,811,036 registered in Q4 2022 to 1,811,401. 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).

Q4 2023 registered an increase in traffic of both On-net fixed telephone domestic calls (Fixed to fixed telephone calls) and Off-net fixed telephone domestic calls (Fixed to mobile telephone calls). On-net fixed telephone calls went up by 1.6 percent (from 12.4 million minutes recorded in Q3 2023 to 12.6 million) while Off-net fixed telephone domestic calls increased by 4.8 percent (from 21.6 million minutes in Q3 2023 to 22.7 million minutes).

With regard to mobile telephone domestic calls traffic, on-net mobile telephone traffic rose by 2.6 percent in Q4 2023, from 2,147.1 million minutes registered in Q3 2023 to 2,202.4 million. Off-net mobile telephone traffic also increased by 0.9 percent in Q4 2023, from 132.6 million minutes registered in Q3 2023 to 133.9 million. Mobile to fixed telephone calls traffic went down from 43.2 million minutes in Q3 2023 to 41.2 million in Q4 2023, registering a 4.6 percent decline.

International outgoing fixed telephone calls traffic increased by 1.2 percent in Q4 2023. Outgoing international mobile telephone calls traffic however declined by 14.9 percent in Q4 2023, from 2.9 million minutes recorded in Q3 2023 to 2.4 million minutes.

On-net short message services (SMS) and off-net SMS traffic both increased by 4.2 and 15.7 percent respectively in Q4 2023. Details are shown in **Table 1.2** below and **Table 4** in the **Appendix**.

Table 1.2: Domestic and International Telephone Traffic (Minutes) by Quarter, Q1 2021 - Q4 2023

Telephone and Short Message Service Traffic	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
Numbers ('000 000)												
Domestic Calls												
Fixed to Fixed Telephone Traffic	18.6	17.3	15.5	15.8	15.7	15.0	15.4	14.1	13.9	12.6	12.4	12.6
Fixed to Mobile Telephone Traffic	27.2	25.7	25.0	25.7	26.4	24.0	23.9	23.7	24.1	25.7	21.6	22.7
On Net Mobile Telephone Traffic	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	2,050.7	2,147.1	2,202.4
Off Net Mobile Telephone Traffic	189.1	185.9	178.2	182.5	155.6	148.7	146.1	148.4	130.8	129.0	132.6	133.9
Mobile to Fixed Telephone Traffic	55.8	52.8	50.8	52.4	58.4	54.5	54.8	54.2	54.1	51.0	43.2	41.2
International Calls												
Outgoing Fixed Telephone Traffic	1.5	1.4	1.3	1.2	1.3	1.2	1.1	1.0	0.9	1.1	0.9	0.9
Incoming Fixed Telephone Traffic	-	-	-	-	-	-	-	-	-	-	-	-
Outgoing Mobile Telephone Traffic	6.2	6.0	5.8	5.3	4.3	4.9	4.1	4.1	3.8	3.6	2.9	2.4
Short Message Service												
On Net	103.4	97.0	100.3	105.7	99.9	98.2	98.6	97.1	87.4	82.1	106.3	110.7
Off Net	61.1	56.0	55.6	58.0	53.4	51.1	49.5	49.3	45.1	45.1	41.5	48.0
Quarter-to-Quarter Percentage Change												
Domestic Calls												
Fixed to Fixed Telephone Traffic	...	(7.1)	(10.4)	1.8	(0.4)	(4.3)	2.3	(8.0)	(1.5)	(9.2)	(1.7)	1.6
Fixed to Mobile Telephone Traffic	...	(5.4)	(3.0)	3.1	2.5	(9.1)	(0.4)	(0.6)	1.7	6.7	(15.9)	4.8
On Net Mobile Telephone Traffic	...	2.3	11.5	(3.7)	(4.8)	2.2	7.3	(0.8)	(3.0)	2.0	4.7	2.6
Off Net Mobile Telephone Traffic	...	(1.7)	(4.2)	2.4	(14.7)	(4.4)	(1.8)	1.6	(11.9)	(1.4)	2.8	0.9
Mobile to Fixed Telephone Traffic	...	(5.3)	(3.8)	3.1	11.5	(6.7)	0.6	(1.1)	(0.3)	(5.7)	(15.3)	(4.6)
International Calls												
Outgoing Fixed Telephone Traffic	...	(5.2)	(7.5)	(6.0)	5.3	(8.5)	(4.9)	(8.2)	(7.7)	16.4	(22.4)	1.2
Incoming Fixed Telephone Traffic	...	-	-	-	-	-	-	-	-	-	-	-
Outgoing Mobile Telephone Traffic	...	(3.6)	(2.7)	(9.2)	(18.8)	13.6	(16.1)	0.8	(8.9)	(2.8)	(21.1)	(14.9)
Short Message Service												
On Net	...	(6.2)	3.4	5.3	(5.5)	(1.7)	0.4	(1.5)	(10.0)	(6.0)	29.4	4.2
Off Net	...	(8.3)	(0.8)	4.3	(7.9)	(4.2)	(3.1)	(0.5)	(8.6)	0.1	(8.1)	15.7

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

In Q4 2023, the contribution of ICT sector to the economy stood at 2.9 percent and 2.5 percent of total GDP at current and constant prices respectively. The ICT sector's value added at current prices amounted to P1, 787.9 million while at constant prices it amounted to P1, 277.9 million. The sector registered an annual growth rate of 2.9 percent, in constant prices.

The Postal and Courier Services sector's value added amounted to P71.3 million in current prices, which constituted 0.1 percent of total GDP in Q4 2023. The sector also produced a value added of P44.2 million at constant prices. The sector registered an annual growth rate of 2.1 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 2021 - Q4 2023

ICT and Postal & Courier Services	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
Current Prices												
Total GDP (P Million)	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	70,111.0	64,991.9	61,787.8
ICT Value Added (P Million)	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	1,746.0	1,746.2	1,787.9
ICT Contribution To GDP (%)	2.9	2.8	2.7	2.8	2.7	2.6	2.5	2.5	2.6	2.5	2.7	2.9
Postal & Courier Services Value Added (P Million)	69.4	57.0	62.1	64.7	64.6	60.6	59.6	67.2	71.5	71.7	69.1	71.3
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
Constant Prices												
Total GDP (P Million)	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	50,287.6	50,729.5	50,270.9
ICT Value Added (P Million)	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	1,272.9	1,260.2	1,277.9
ICT Contribution To GDP (%)	2.5	2.5	2.4	2.6	2.5	2.5	2.4	2.5	2.5	2.5	2.5	2.5
ICT Annual Growth Rates (%)	4.0	9.6	2.4	2.1	3.8	6.1	6.8	4.6	4.8	3.7	4.4	2.9
Postal & Courier Services Value Added (P Million)	48.3	39.6	43.2	45.0	45.0	42.1	41.4	43.3	44.3	44.4	42.8	44.2
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
Postal & Courier Services Annual Growth Rates (%)	2.1	2.1	(2.2)	2.7	(6.9)	6.3	(4.1)	(3.9)	(1.4)	5.5	3.4	2.1

Source: National Accounts, Statistics Botswana

APPENDIX

Table 1: Telephone Subscriptions by Quarter and Year, Q1 2018 - Q4 2023

		Telephone Subscriptions							
		Mobile Cellular			Fixed Telephone	Mobile Cellular			Fixed Telephone
		Pre-Paid	Post Paid	Total		Pre-Paid	Post Paid	Total	
Year/Quarter	Numbers				Quarter-to-Quarter 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)
	Q2	4,248,430	179,846	4,428,276	91,256	1.1	0.8	1.1	(0.4)
	Q3	4,315,099	183,693	4,498,792	90,141	1.6	2.1	1.6	(1.2)
	Q4	4,251,647	188,667	4,440,314	89,785	(1.5)	2.7	(1.3)	(0.4)

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 2: Internet Subscriptions by Quarter and Year, Q1 2018 - Q4 2023

		Internet Subscriptions					
		ADSL/ Fixed wireless	Mobile Internet	Total	ADSL/ Fixed wireless	Mobile Internet	Total
Year/Quarter		Numbers			Quarter-to-Quarter 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)
	Q2	145,031	2,857,761	3,002,792	4.5	3.2	3.3
	Q3	155,034	3,047,654	3,202,688	6.9	6.6	6.7
	Q4	164,423	2,927,018	3,091,441	6.1	(4.0)	(3.5)

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 3: Mobile Money Subscriptions by Quarter and Year, Q1 2018 - Q4 2023

Mobile Money Subscriptions			
Year/	Quarter	Numbers	Quarter-to-Quarter 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)
	Q2	1,741,124	3.3
	Q3	1,790,263	2.8
	Q4	1,811,401	1.2

Source: Botswana Communications Regulatory Authority

Note: "..." denotes no data

Table 4: Domestic and International Telephone Traffic (Minutes) by Quarter and Year, Q1 2018 - Q4 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
	Q2	12,644,785	25,735,141	2,050,679,566	129,013,759	51,001,645	1,105,280	-	3,645,946	82,132,471	45,104,620
	Q3	12,435,638	21,642,160	2,147,140,288	132,620,589	43,212,591	857,436	-	2,877,336	106,262,575	41,457,617
	Q4	12,636,968	22,682,360	2,202,378,547	133,865,305	41,207,450	867,547	-	2,447,894	110,686,225	47,952,428

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 - Q4 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)
	Q2	70,111.0	1,746.0	2.5	14.4	71.7	0.1	18.4	50,287.6	1,272.9	2.5	3.7	44.4	0.1	5.5
	Q3	64,991.9	1,746.2	2.7	12.5	69.1	0.1	16.0	50,729.5	1,260.2	2.5	4.4	42.8	0.1	3.4
	Q4	61,787.8	1,787.9	2.9	9.4	71.3	0.1	6.0	50,270.9	1,277.9	2.5	2.9	44.2	0.1	2.1

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. Personal Digital Assistant (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
Toll Free: 0800 600 200

Private Bag F193,
Francistown
Tel: 241 5848

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

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



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