Information & Communication Technology

Stats Brief Q1, 2022

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Information & Communication Technology

Stats Brief Q1, 2022

1. INTRODUCTION

This Stats Brief presents Botswana Information and Communications Technology Statistics for Q1 2022. It contains statistics relating to ICT infrastructure and services, as well as the contribution of Information and Communication Technology and Postal & Courier sectors to the economy.

A total of 90,518 fixed telephone line subscriptions was registered in Q1 2022, indicating a decline of 31.7 percent from the 132,457 which was registered in Q4 2021. Mobile cellular telephone subscriptions however increased within the same period. They rose from 4,160,553 subscriptions in Q4 2021 to 4,243,124 in Q1 2022, an increase of 2.0 percent. Internet subscriptions, as was the case with fixed telephone subscriptions, decreased in Q1 2022. They went down by 0.4 percent from the 2,557,538 subscriptions realised in Q4 2021 to 2,547,335.

Fixed to mobile telephone domestic calls traffic increased by 2.5 percent in Q1 2022, from 25.7 million minutes recorded in Q4 2021 to 26.4 million. Mobile to fixed telephone domestic calls traffic went up as well and registered an increase of 11.5 percent. Outgoing international calls traffic from fixed telephones went up by 5.3 percent, while those from mobile telephones fell by 18.8 percent in Q1 2022.

The contribution of the ICT sector to the economy stood at 2.7 percent of total GDP at current prices in Q1 2022 while that of Postal and Courier Services amounted to 0.1 percent of total GDP. At constant prices, the ICT sector contributed P1, 224.1 million of value added which is 2.5 percent of total GDP. The Postal and Courier Services sector produced a value added of P45.0 million at constant prices, thus contributing 0.1 percent of total GDP.

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).

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Dr. Burton Mguni
Statistician General
August 2022

2. TELECOMMUNICATION

2.1 Fixed Telephone Lines and Mobile Cellular Telephone Subscriptions

The fixed telephone line subscriptions went down by 31.7 percent in Q1 2022 from 132,457 registered in Q4 2021 to 90,518. The mobile cellular telephone subscriptions on the other hand increased in Q1 2022 by 2.0 percent from 4,160,553 recorded in Q4 2021 to 4,243,124.

Comparing Q1 2022 to the same quarter of 2021 (Q1 2021), fixed telephone lines went down by 35.3 percent while mobile cellular telephone subscriptions increased by 9.4 percent. This is illustrated in **Figure 1** above and **Table 2.1** below. More details are shown in **Table 1** in the **Appendix.**

Table 2.1: Telephone Subscriptions by Quarter and Year, Q1 2020 - Q1 2022

	2020				2021				2022
Telephone Subscriptions	**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
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
Post Paid	122,492	127,250	134,809	140,936	143,491	145,253	149,468	151,531	153,940
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**
				Quarterly Percentage Change					
Fixed Telephone	(0.8)	(0.5)	(0.6)	0.5	(0.1)	(3.9)	1.4	(2.9)	(31.7)
Mobile Cellular Telephone									
Pre-Paid	(6.1)	(1.0)	1.6	0.3	1.2	0.9	2.8	3.5	2.0
Post Paid	13.9	3.9	5.9	4.5	1.8	1.2	2.9	1.4	1.6
Total	**(5.5)**	**(0.8)**	**1.8**	**0.4**	**1.2**	**0.9**	**2.8**	**3.4**	**2.0**

Source: Information and Communication Technology Statistics, Statistics Botswana
Note: "…" denotes no data

2.2 Pre-paid and Post-paid Mobile Cellular Telephone Subscriptions

Both pre-paid and post-paid mobile cellular telephone subscriptions increased in Q1 2022. Pre-paid mobile cellular telephone subscriptions went up by 2.0 percent from 4,009,022 registered in Q4 2021 to 4,089,184. Post-paid mobile cellular telephone subscriptions increased by 1.6 percent in Q1 2022, from 151,531 in Q4 2021 to 153,940. Details are shown in **Figure 2** below and **Table 1** in the **Appendix.**

2.3 Internet Subscriptions

Total internet subscriptions (i.e. mobile internet plus fixed internet subscriptions) decreased by 0.4 percent in Q1 2022. This was attributable to mobile internet subscriptions which declined by 0.8 percent from 2,455,623 subscriptions in Q4 2021 to 2,435,484 in Q1 2022. Fixed internet subscriptions increased, from 101,915 in Q4 2021 to 111,851 in Q1 2022, registering a 9.7 percent increase.

Compared to the same quarter of the previous year, Q1 2022 realized an increase of 8.1 percent in total internet subscriptions, with both mobile and fixed internet subscriptions registering increases of 7.1 and 33.3 percent respectively. Details are as indicated in **Figure 3** below and **Table 2** in the **Appendix**.

2. 4 Telephone Traffic

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

On-net fixed telephone domestic calls (Fixed to fixed telephone calls) traffic decreased by 0.4 percent in Q1 2022 from 15.8 million minutes of calls in Q4 2021 to 15.7 million.

Off net fixed telephone domestic calls (Fixed to mobile telephone calls) traffic increased in Q1 2022. A total of 26.4 million minutes of calls were recorded in Q1 2022 from 25.7 million in Q4 2021.

With regard to mobile telephone domestic calls traffic, both on-net and off-net mobile telephone traffic calls decreased in Q1 2022. On-net mobile telephone traffic declined by 4.8 percent while off-net mobile telephone traffic went down by 14.7 percent. Mobile to fixed telephone traffic on the other hand went up in Q1 2022 and registered an increase of 11.5 percent.

International outgoing fixed telephone calls traffic increased by 5.3 percent in Q1 2022, from 1.2 million minutes in Q4 2021 to 1.3 million. Outgoing international mobile telephone calls traffic however declined by 18.8 percent in Q1 2022, from 5.3 million minutes recorded in Q4 2021 to 4.3 million minutes.

On-net short message services (SMS) and off-net SMS traffic both decreased by 5.5 and 7.9 percent respectively in Q1 2022. Details are shown in **Table 2.2** below and **Table 3** in the **Appendix**.

Table 2.2: Domestic and International Telephone Traffic (Minutes) by Quarter, Q1 2020 - Q1 2022

	2020				2021				2022
Telephone and Short Message Service Traffic	**Quarter 1**	**Quarter 2**	**Quarter 3**	**Quarter 4**	**Quarter 1**	**Quarter 2**	**Quarter 3**	**Quarter 4**	**Quarter 1**
				Numbers ('000 000)					
Domestic Calls									
From Fixed Telephones to Fixed Telephones	24.3	16.4	20.8	20.1	18.6	17.3	15.5	15.8	15.7
From fixed Telephones to Mobile Cellular Telephones	30.2	24.4	27.2	29.4	27.2	25.7	25.0	25.7	26.4
On Net Mobile Cellular Telephone Calls	1,100.3	1,644.4	1,777.2	1,787.3	1,818.9	1,860.1	2,074.5	1998.2	1903.2
Off Net Mobile Cellullar Telephone Calls	187.9	170.6	194.2	208.0	189.1	185.9	178.2	182.5	155.6
From Mobile Cellular Telephones to Fixed Telephones	63.0	47.5	59.1	60.5	55.8	52.8	50.8	52.4	58.4
International Calls									
Outgoing from Fixed Telephones	2.7	3.2	1.8	1.7	1.5	1.4	1.3	1.2	1.3
Incoming to Fixed Telephones	-	-	-	-	-	-	-	-	-
Outgoing from Mobile Cellular Telephones	8.2	6.7	6.9	6.9	6.2	6.0	5.8	5.3	4.3
Short Message Service									
On Net	130.5	106.0	109.3	110.6	103.4	97.0	100.3	105.7	99.9
Off Net	80.3	63.6	66.0	68.5	61.1	56.0	55.6	58.0	53.4
				Quarterly Percentage Change					
Domestic Calls									
From Fixed Telephones to Fixed Telephones	…	(32.4)	26.8	(3.3)	(7.4)	(7.1)	(10.4)	1.8	(0.4)
From fixed Telephones to Mobile Cellular Telephones	…	(19.3)	11.5	8.2	(7.5)	(5.4)	(3.0)	3.1	2.5
On Net Mobile Cellular Telephone Calls	…	49.4	8.1	0.6	1.8	2.3	11.5	(3.7)	(4.8)
Off Net Mobile Cellullar Telephone Calls	…	(9.2)	13.9	7.1	(9.1)	(1.7)	(4.2)	2.4	(14.7)
From Mobile Cellular Telephones to Fixed Telephones	…	(24.6)	24.4	2.4	(7.7)	(5.3)	(3.8)	3.1	11.5
International Calls									
Outgoing from Fixed Telephones	…	19.8	(44.4)	(4.2)	(14.0)	(5.2)	(7.5)	(6.0)	5.3
Incoming to Fixed Telephones	…	-	-	-	-	-	1.0	2.0	-
Outgoing from Mobile Cellular Telephones	…	(17.9)	1.7	(0.1)	(9.6)	(3.6)	(2.7)	(9.2)	(18.8)
Short Message Service									
On Net	…	(18.7)	3.1	1.2	(6.5)	(6.2)	3.4	5.3	(5.5)
Off Net	…	(20.8)	3.8	3.7	(10.8)	(8.3)	(0.8)	4.3	(7.9)

Source: Information and Communication Technology Statistics, Statistics Botswana
Note: "-" denotes zero
"…" denotes no data

3. CONTRIBUTION OF POSTAL AND COMMUNICATION SERVICES TO GDP

Table 3.1 below illustrates the contribution of the Information and Communication Technology (ICT) as well as the Postal and Courier Services to Gross Domestic Product (GDP). In Q1 2022, the contribution of ICT sector to the economy stood at 2.7 percent of total GDP at current prices. The ICT sector's value added at current prices amounted to P1, 471.8 million. Postal and Courier Services sector's value added amounted to P64.6 million in current prices, which constituted 0.1 percent of total GDP in Q1 2022. More details are in Table 4 in the **Appendix**.

Table 3.1: Contribution of Information and Communication Technology (ICT) and Postal Services To GDP by Quarter and Year, Q1 2020 - Q1 2022

	2020				2021				2022
Communication & Postal Services	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
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
ICT Contribution To GDP (%)	2.8	3.3	2.9	3.0	2.9	2.8	2.7	2.8	2.7
ICT Annual Growth Rates (%)	8.2	-0.8	2.6	8.3	6.6	14.7	7.4	6.1	7.7
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
Postal & Courier Services Contribution To GDP (%)	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
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
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
ICT Contribution To GDP (%)	2.5	3.1	2.5	2.6	2.5	2.5	2.4	2.6	2.5
ICT Annual Growth Rates (%)	5.3	-2.8	0.5	4.7	4.0	9.6	2.4	2.1	3.8
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
Postal & Courier Services Contribution To GDP (%)	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

Source: National Accounts, Statistics Botswana

APPENDIX I

Table 1: Telephone Subscriptions by Quarter and Year, Q1 2015 - Q1 2022

		Telephone Subscriptions							
		Mobile Cellular			Fixed Telephone	Mobile Cellular			Fixed Telephone
		Pre-Paid	Post Paid	Total		Pre-Paid	Post Paid	Total	
Year/Quarter		*Numbers*				*Quarterly Percentage Change*			
2015	Q1	3,324,654	81,233	3,405,887	169,474	*(0.1)*	*(1.2)*	*(0.1)*	*0.1*
	Q2	3,334,807	79,851	3,414,658	171,006	*0.3*	*(1.7)*	*0.3*	*0.9*
	Q3	3,361,527	78,150	3,439,677	172,920	*0.8*	*(2.1)*	*0.7*	*1.1*
	Q4	3,395,758	79,569	3,475,327	160,490	*1.0*	*1.8*	*1.0*	*(7.2)*
2016	Q1	3,379,127	81,204	3,460,331	161,641	*(0.5)*	*2.1*	*(0.4)*	*0.7*
	Q2	3,176,217	77,984	3,254,201	163,719	*(6.0)*	*(4.0)*	*(6.0)*	*1.3*
	Q3	3,194,444	80,678	3,275,122	141,954	*0.6*	*3.5*	*0.6*	*(13.3)*
	Q4	3,209,519	79,467	3,288,986	142,122	*0.5*	*(1.5)*	*0.4*	*0.1*
2017	Q1	3,150,273	76,116	3,226,389	140,873	*(1.8)*	*(4.2)*	*(1.9)*	*(0.9)*
	Q2	3,144,258	76,574	3,220,832	141,882	*(0.2)*	*0.6*	*(0.2)*	*0.7*
	Q3	3,013,825	83,092	3,096,917	142,816	*(4.1)*	*8.5*	*(3.8)*	*0.7*
	Q4	3,168,194	81,709	3,249,903	141,207	*5.1*	*(1.7)*	*4.9*	*(1.1)*
2018	Q1	3,089,505	92,086	3,181,591	141,835	*(2.5)*	*12.7*	*(2.1)*	*0.4*
	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)*

Source: Botswana Communications Regulatory Authority
Note: "…" denotes no data

Table 2: Internet Subscriptions by Quarter and Year, Q1 2015 - Q1 2022

		Internet Subscriptions					
		ADSL/ Fixed wireless	Mobile Internet	Total	ADSL/ Fixed wireless	Mobile Internet	Total
Year/Quarter		*Numbers*			*Quarterly % Change*		
2015	Q1	34,435	1,188,640	1,223,075	*23.6*	*(52.4)*	(51.5)
	Q2	35,641	1,245,994	1,281,635	*3.5*	*4.8*	4.8
	Q3	36,272	1,295,663	1,331,935	*1.8*	*4.0*	3.9
	Q4	36,845	1,384,146	1,420,991	*1.6*	*6.8*	6.7
2016	Q1	37,366	1,360,236	1,397,602	*1.4*	(1.7)	(1.7)
	Q2	38,622	1,272,521	1,311,143	*3.4*	(6.4)	(6.2)
	Q3	39,174	1,340,549	1,379,723	*1.4*	5.3	5.2
	Q4	41,833	1,409,274	1,451,107	*6.8*	5.1	5.2
2017	Q1	45,793	1,404,065	1,449,858	*9.5*	(0.4)	(0.1)
	Q2	46,191	1,388,359	1,434,550	*0.9*	(1.1)	(1.1)
	Q3	48,811	1,294,764	1,343,575	*5.7*	(6.7)	(6.3)
	Q4	48,901	1,532,954	1,581,855	*0.2*	18.4	17.7
2018	Q1	50,514	1,523,545	1,574,059	*3.3*	*(0.6)*	*(0.5)*
	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)*

Source: Botswana Communications Regulatory Authority
Note: "…" denotes no data

Table 3: Domestic and International Telephone Traffic (Minutes) by Quarter and Year, Q1 2017 - Q1 2022

		Telephone and Short Message Service Traffic									
		Domestic Calls					International Calls			Short Message Service	
		From Fixed Telephones to Fixed Telephones	From fixed Telephones to Mobile Cellular Telephones	On Net Mobile Cellular Tele-phone Calls	Off Net Mobile Cellullar Telephone Calls	From Mobile Cellular Telephones to Fixed Telephones	Outgoing from Fixed Telephones	Incoming to Fixed Telephones	Outgoing from Mobile Cellular Telephones	On Net	Off Net
Year/Quarter											
2017	Q1	33,276,945	36,252,089	353,714,166	101,619,312	5,355,226	4,388,798	-	6,945,727	133,355,242	176,904,690
	Q2	32,080,840	33,607,763	403,115,950	100,591,502	5,587,481	4,258,122	-	7,405,278	124,428,020	106,809,711
	Q3	30,661,943	31,037,358	604,005,497	157,577,607	9,423,562	3,978,922	-	11,846,344	175,981,585	164,526,833
	Q4	29,376,676	31,334,782	316,560,889	169,337,479	10,077,726	3,619,522	-	10,825,559	166,743,720	178,144,293
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

Source: Botswana Communications Regulatory Authority
Note: "-" denotes zero

Table 4: Contribution of Information & Communication Technology (ICT) and Postal & Courier Services To Gross Domestic Product by Quarter and Year, Q1 2015 - Q1 2022

		Current Prices							Constant Prices						
Year/ Quarter		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 (%)
2015	Q1	34,566.0	947.3	2.7	-32.4	42.9	0.1	1.0	39,016.5	1,019.1	2.6	-35.1	49.6	0.1	1.0
	Q2	35,218.2	1,096.7	3.1	-5.4	40.6	0.1	-8.6	39,369.5	1,152.4	2.9	-10.3	42.5	0.1	-17.2
	Q3	35,180.6	1,038.3	3.0	-20.4	51.8	0.1	2.0	37,051.7	1,077.9	2.9	-25.0	51.8	0.1	-11.8
	Q4	32,574.4	999.3	3.1	-4.8	47.2	0.1	12.5	38,171.3	1,030.9	2.7	-10.7	47.2	0.1	-2.6
2016	Q1	38,467.9	1,134.2	2.9	19.7	53.4	0.1	24.5	40,696.4	1,148.2	2.8	12.7	53.4	0.1	7.7
	Q2	41,054.8	965.9	2.4	-11.9	47.2	0.1	16.1	40,987.2	965.5	2.4	-16.2	47.2	0.1	10.9
	Q3	42,833.5	878.5	2.1	-15.4	36.8	0.1	-29.0	40,456.1	874.9	2.2	-18.8	36.8	0.1	-29.0
	Q4	42,062.0	957.9	2.3	-4.2	41.5	0.1	-12.2	42,278.6	947.9	2.2	-8.1	41.5	0.1	-12.2
2017	Q1	40,457.9	919.0	2.3	-19.0	42.3	0.1	-20.8	41,618.1	902.5	2.2	-21.4	42.3	0.1	-20.8
	Q2	41,167.9	963.7	2.3	-0.2	38.6	0.1	-18.3	42,378.4	938.8	2.2	-2.8	38.6	0.1	-18.3
	Q3	42,481.7	936.7	2.2	6.6	62.9	0.1	71.1	43,273.2	902.9	2.1	3.2	57.8	0.1	57.2
	Q4	42,365.9	1,243.3	2.9	29.8	55.2	0.1	33.1	43,730.9	1,184.4	2.7	25.0	43.6	0.1	5.3
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

Source: National Accounts, Statistics Botswana

APPENDIX II: 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