



COMMUNICATIONS STATISTICS

Quarter 3 - 2021/2022

March 2022

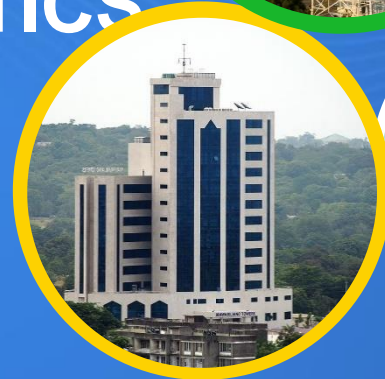


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A: TELECOM SERVICES



1. TELECOM TARIFFS (Voice, SMS and Data) as of March 2022

These are per minute charges (Tax Inclusive) Voice Calls without subscribing to a bundle. They are also known as Pay As You Go or Standard tariffs.

1.1 Voice Tariffs

Fig 1.1a On Net Voice Tariff in TZS

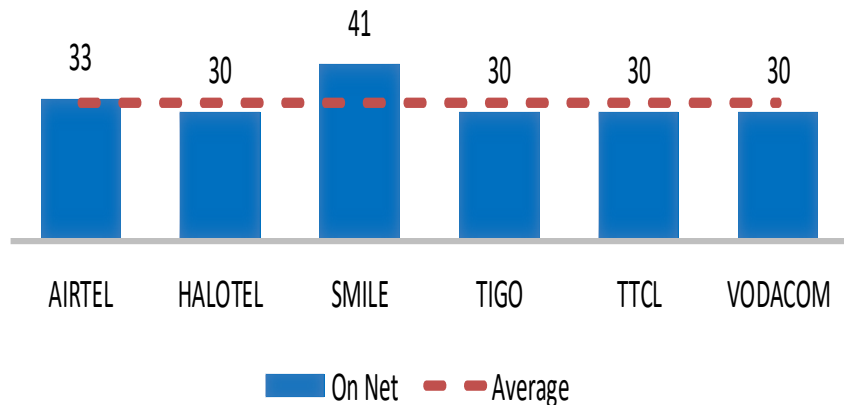
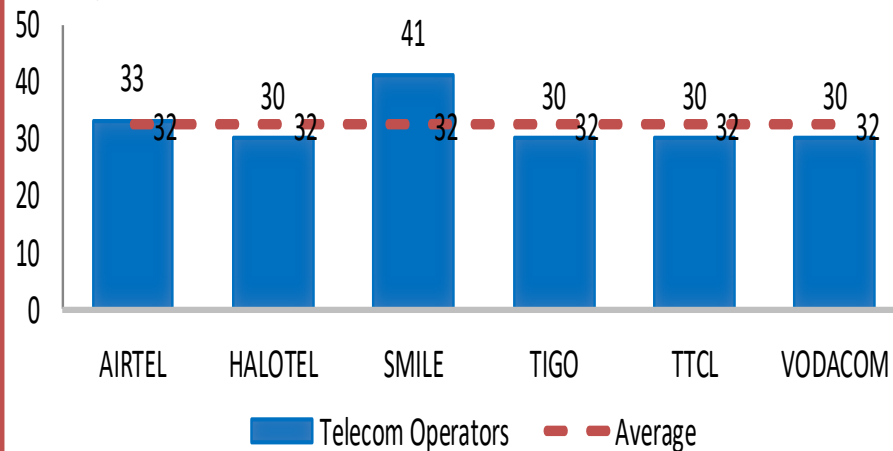


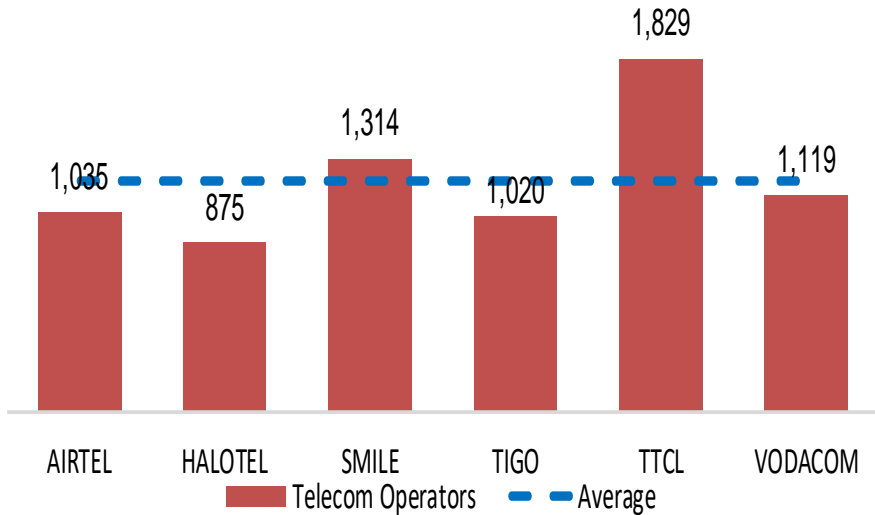
Fig 1.1b Off Net Voice Tariff in TZS



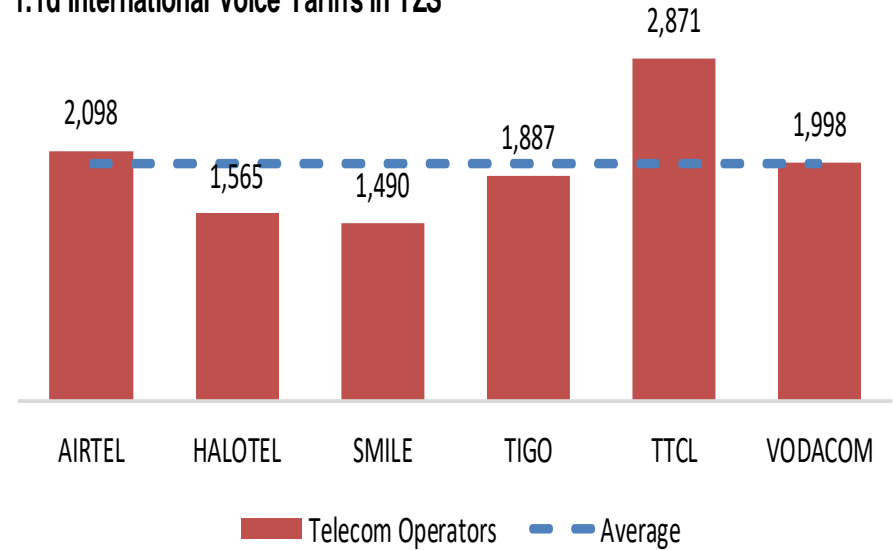
These are per minute charges (Tax inclusive) Voice Calls without subscribing to a bundle. They are also known as Pay As You Go or Standard tariff



Fig.1.1c East Africa Voice Tariffs in TZS



1.1d International Voice Tariffs in TZS



1.2 SMS Tariffs

These are per SMS charges (Tax Inclusive) without subscribing to a bundle. They are also known as Pay As You Go or Standard tariffs.



Fig 1.2a Local SMS Tariffs in TZS

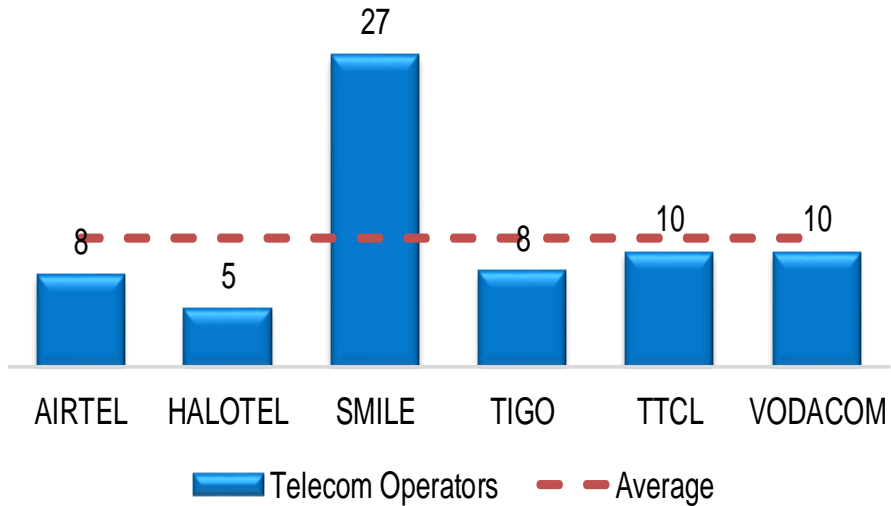
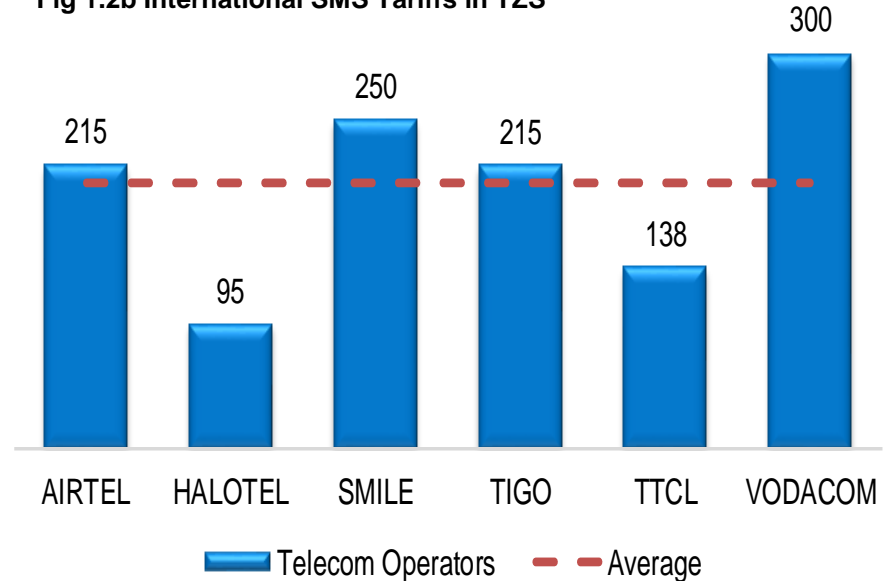
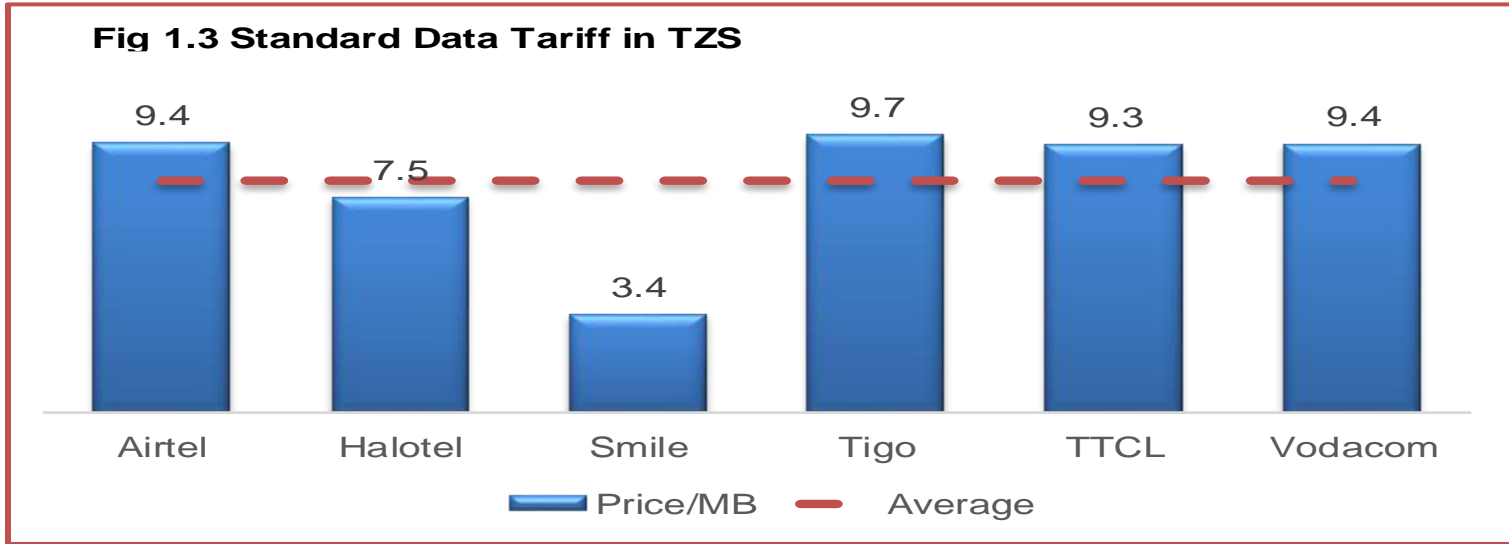


Fig 1.2b International SMS Tariffs in TZS



I.3 Data Tariffs

These are per MB charges (Tax Inclusive) without subscribing to a bundle. They are also known as Pay As You Go or Standard tariffs.



I.4 Disaggregated Bundle Tariffs

These are per minute charges (Tax Inclusive) Voice Calls subscribing to a bundle.



Fig. 1.4a Disaggregated Voice Bundle (On-Net) in TZS

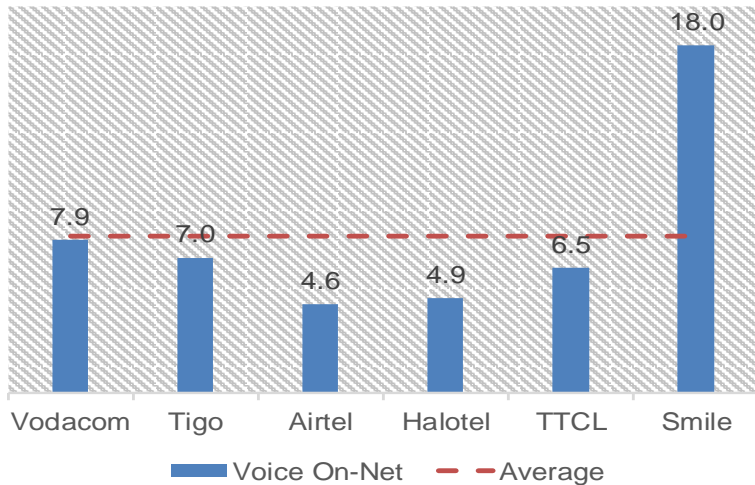
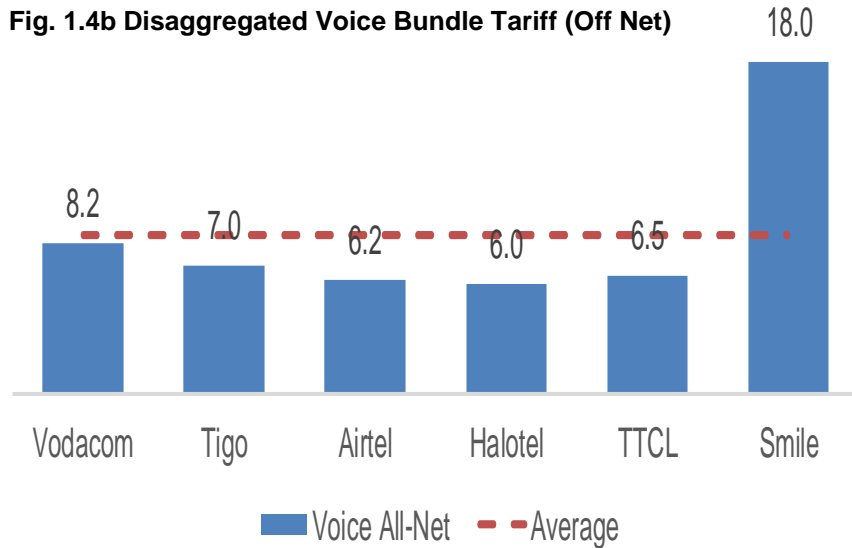


Fig. 1.4b Disaggregated Voice Bundle Tariff (Off Net)



These are per SMS and per MB charges (Tax Inclusive) subscribing to a bundle Tariffs.



Fig 1.4d Disaggregated SMS Bundle Tariff in TZS

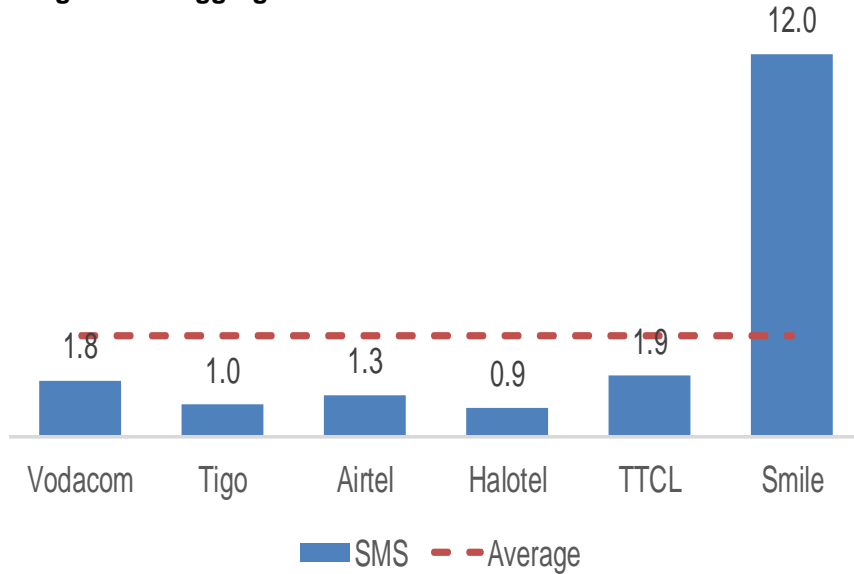
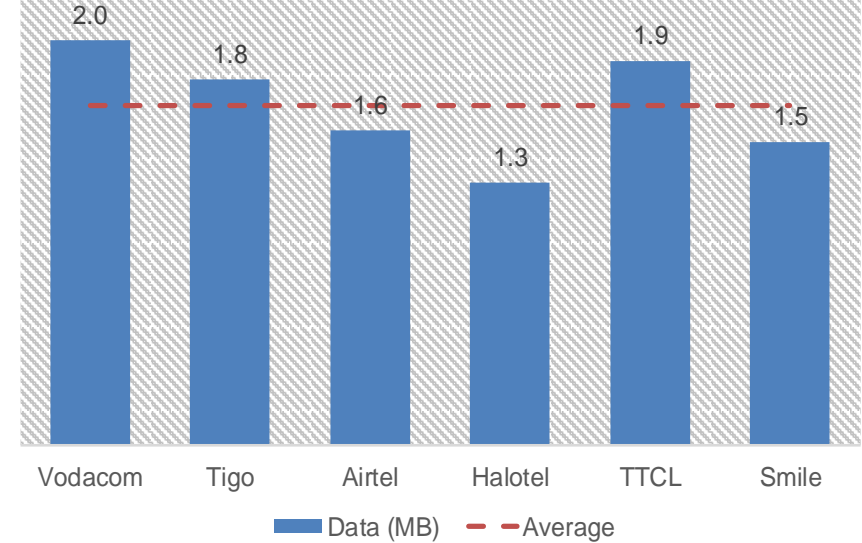


Fig 1.4e Disaggregated Data Bundle Tariff in TZS



1.5 Overall Summary of Industry Average Tariffs

1.5 (a) Average Basic Tariff



Destination	Basic Tariffs in TZS
On Net	32
Off Net	32
EA	1199
Other Int.	1985
Local SMS	11
International SMS	202
Data	8

1.5 (b) Average Bundle Tariff

Destination	Disaggregated Bundle Tariff in TZS
On Net	8
Off Net	9
Local SMS	3
Data	2

2. TELECOM SUBSCRIPTIONS

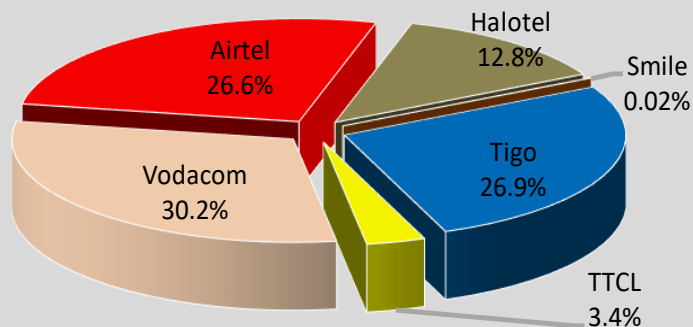
It is a count of all active SIM Cards in pre-paid and post-paid categories which have registered an activity/used at least once in the past three months.



2.1. Number of Telecom Subscriptions and Market Shares

Operator	JANUARY	FEBRUARY	MARCH
Airtel	14,760,361	14,757,281	14,743,726
Halotel	7,059,740	7,168,415	7,099,366
Smile	11,995	12,425	12,704
Tigo	14,620,628	14,790,042	14,898,739
TTCL	1,796,680	1,787,406	1,873,354
Vodacom	16,165,178	16,368,992	16,737,350
TOTAL	54,414,582	54,884,561	55,365,239

Fig. 2.1 Operators' Subscription Market Shares



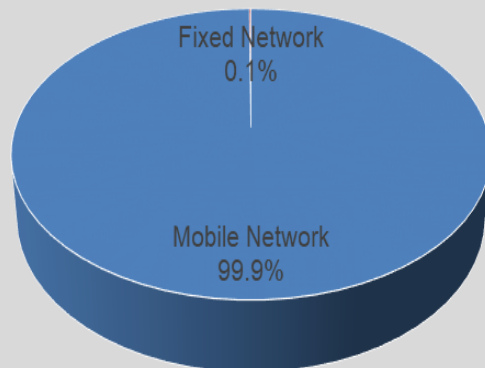
This is the subscription Market Shares for March 2022

2.2 Subscriptions to Mobile and Fixed Network



NETWORK	JANUARY	FEBRUARY	MARCH
Mobile Network	54,342,484	54,812,904	55,293,345
Fixed Network	72,098	71,657	71,894
TOTAL	54,414,582	54,884,561	55,365,239

Fig.2.2: Mobile and Fixed Operators Subscription Market Shares



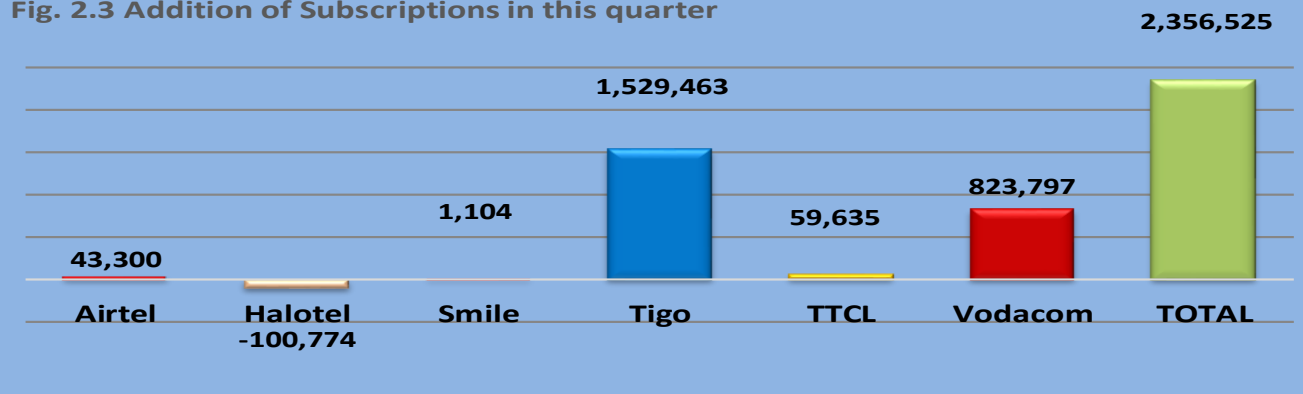
Market Share for March 2022

2.3 Addition of Subscriptions per Operator in this quarter



Operator	JANUARY	FEBRUARY	MARCH	Net addition
Airtel	59,935	-3,080	-13,555	43,300
Halotel	-140,400	108,675	-69,049	-100,774
Smile	395	430	279	1,104
Tigo	1,251,352	169,414	108,697	1,529,463
TTCL	-17,039	-9,274	85,948	59,635
Vodacom	251,625	203,814	368,358	823,797
TOTAL	1,405,868	469,979	480,678	2,356,525

Fig. 2.3 Addition of Subscriptions in this quarter



3. VOICE TRAFFIC (MINUTES)

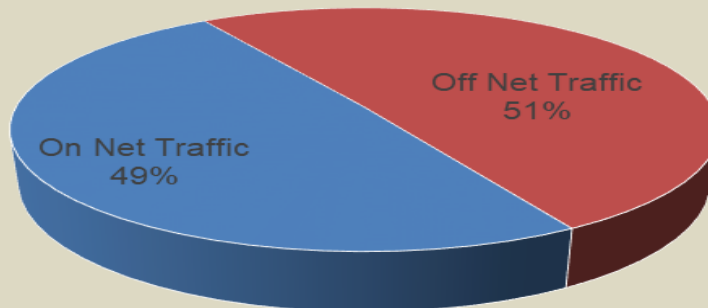


3.1 Local Traffic

This presents local on net and off net voice traffic.

Destination	JANUARY	FEBRUARY	MARCH	TOTAL
On Net Traffic	4,297,473,321	3,918,619,188	4,521,015,002	12,737,107,511
Off Net Traffic	4,315,493,635	3,994,860,905	4,724,852,884	13,035,207,424
TOTAL	8,612,966,956	7,913,480,093	9,245,867,886	25,772,314,935

Fig. 3.1 Local Traffic Minutes Proportions



3.2 International Traffic

This presents international on net and off net voice traffic.



Destination	JANUARY	FEBRUARY	MARCH	TOTAL
Traffic to EA	621,488	599,272	701,441	1,922,201
Traffic From EA	1,096,448	993,882	1,112,726	3,203,056
Traffic to other Int	1,834,882	1,827,313	2,129,417	5,791,612
Traffic From Other Int	2,889,282	3,258,268	3,432,466	9,580,016

Fig 3.2a Traffic Minutes to/From EA Countries

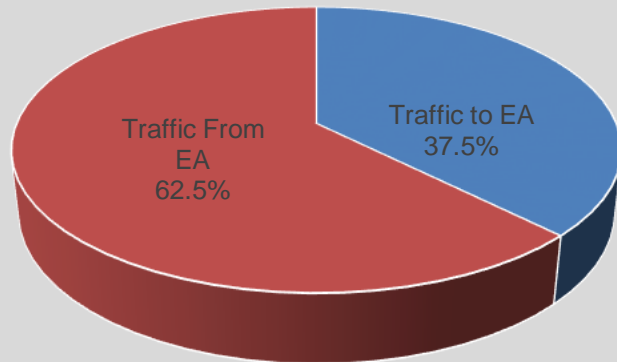
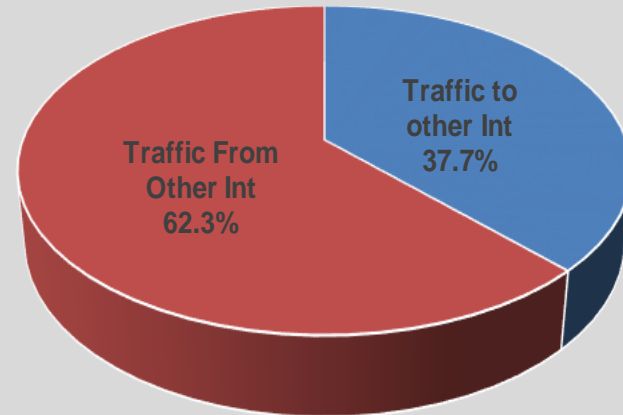


Fig 3.2b Traffic Minutes to/From other Internationals



3.3 Percentage Shares of Traffic Minutes Per Operators as of March 2022



3.3(a) Local Traffic Minutes

Fig 3.3a On net Traffic Shares

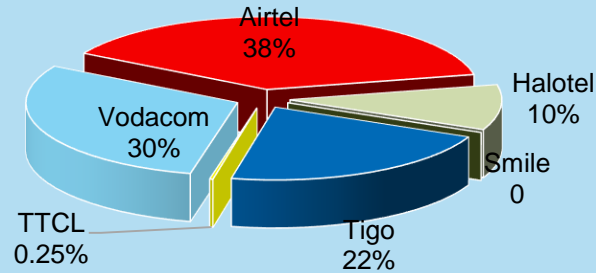
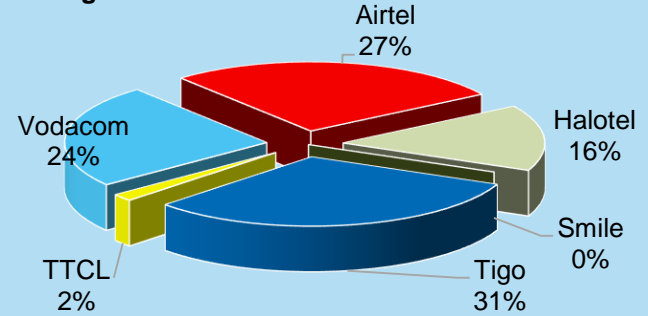


Fig 3.3b. Off Net Traffic Shares



3.3(b) International Traffic

Fig 3.3c EA Traffic Shares

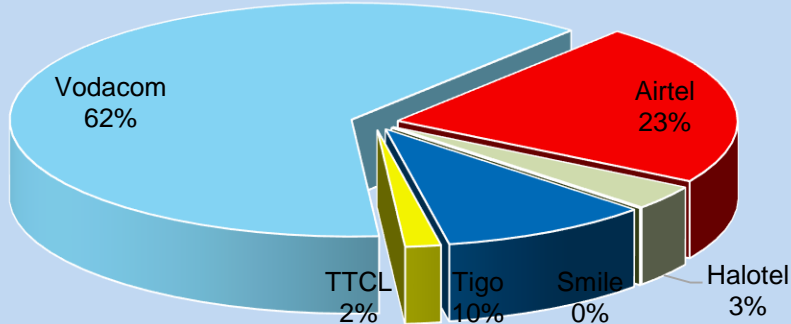
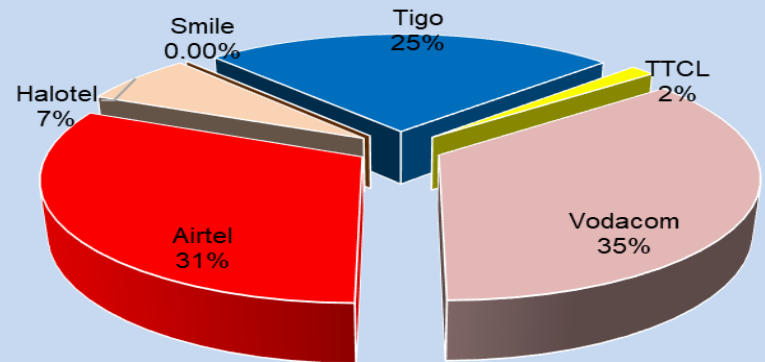


Fig 3.3d. Other Internationals Traffic Shares



3.4 Minutes Used Per Subscriptions (Minutes of Use)

Average minutes used by a subscriber in a month



Destination	JANUARY	FEBRUARY	MARCH	TOTAL
On net	79	71	82	232
Off Net	79	73	85	237
EA	0.01	0.01	0.01	0.04
Other Internationals	0.02	0.02	0.02	0.06
TOTAL	158	144	167	470

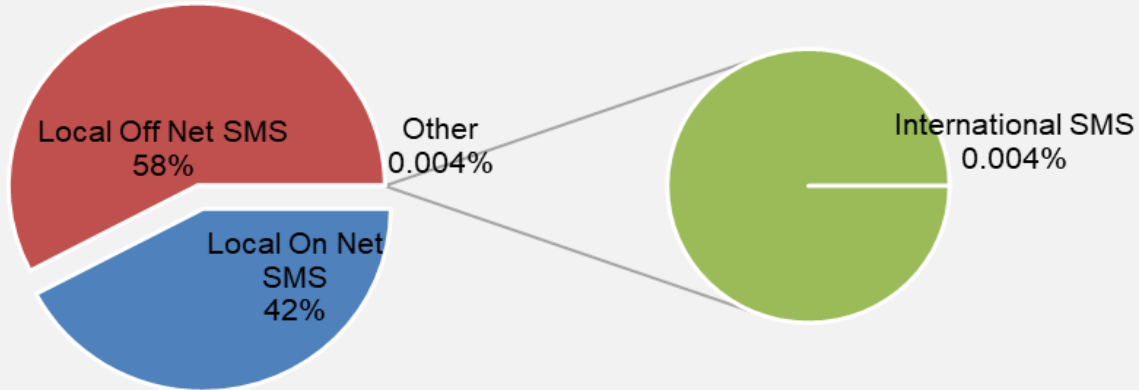


4. SHORT MESSAGES (SMS) TRAFFIC

4.1 Local and International SMS

Destination	JANUARY	FEBRUARY	MARCH	TOTAL
Local On Net SMS	5,099,209,993	4,425,024,523	5,119,104,926	14,643,339,442
Local Off Net SMS	7,056,614,568	5,934,832,954	6,976,191,302	19,967,638,824
International SMS	394,237	393,802.0	436,330.0	1,224,369

Fig. 4.1 Percentage Shares of Local and International SMS



4.2 Percentage Shares of SMS Per Operators as of March 2022



Fig 4.2a Percentage Shares of Local SMS

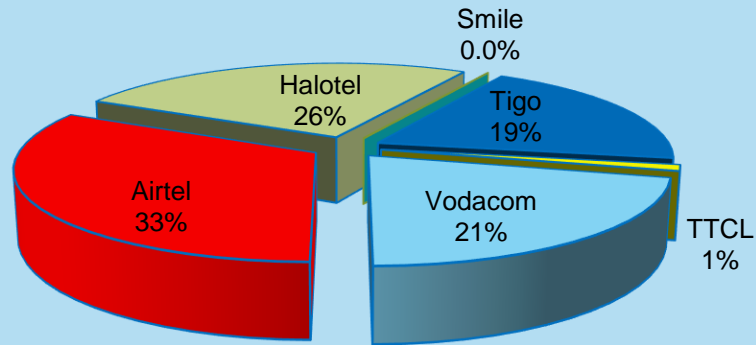
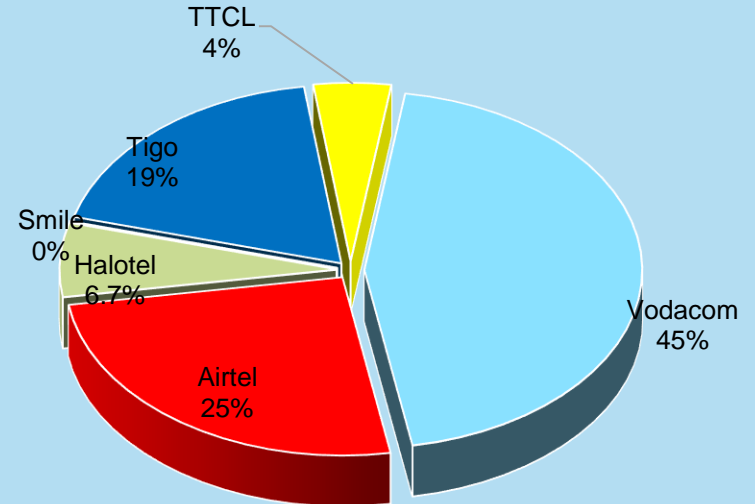


Fig 4.2b Percentage Shares of International SMS



B. MOBILE MONEY SERVICES

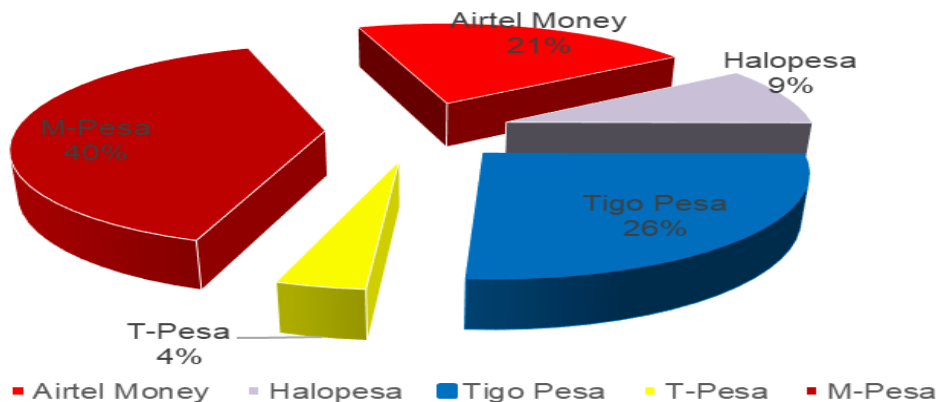
Presents a count of all active SIM Cards with mobile money service accounts which have registered an activity/ have been used at least once in the past three months.



1. Mobile Money Subscriptions (Mobile Money Account)

Operator	JANUARY	FEBRUARY	MARCH
Airtel Money	7,330,654	7,370,243	7,515,455
Halopesa	3,410,745	3,372,339	3,342,329
Tigo Pesa	9,217,518	9,262,191	9,343,373
T-Pesa	1,269,146	1,318,945	1,383,284
M-Pesa	13,973,897	14,254,334	14,164,857
TOTAL	35,201,960	35,578,052	35,749,298

2. Mobile Money Subscriptions' Market shares as of March 2022



C. INTERNET SERVICES

1. Estimate of Internet Users

The estimate is based on internet subscriptions through cable modem, DSL, fibre-to-the-home/building, other fixed (wired)-broadband subscriptions, satellite broadband, terrestrial fixed wireless broadband, handset-based, computer-based (USB/dongles) and mobile-broadband subscriptions to the public Internet.



September 2021	December 2021	March 2022
29,330,679	29,858,759	29,913,513

2. Internet use (Data Traffic in Petabyte, 1Petabyte =1024^3 Megabytes)

September 2021	December 2021	March 2022
140	136	170

Fig 2. Data Traffic Used (in Petabytes) for the last three quarters



D. BROADCASTING SERVICES

Presents count of active Digital Terrestrial Television (DTT) and Digital to Home (DTH) decoders.

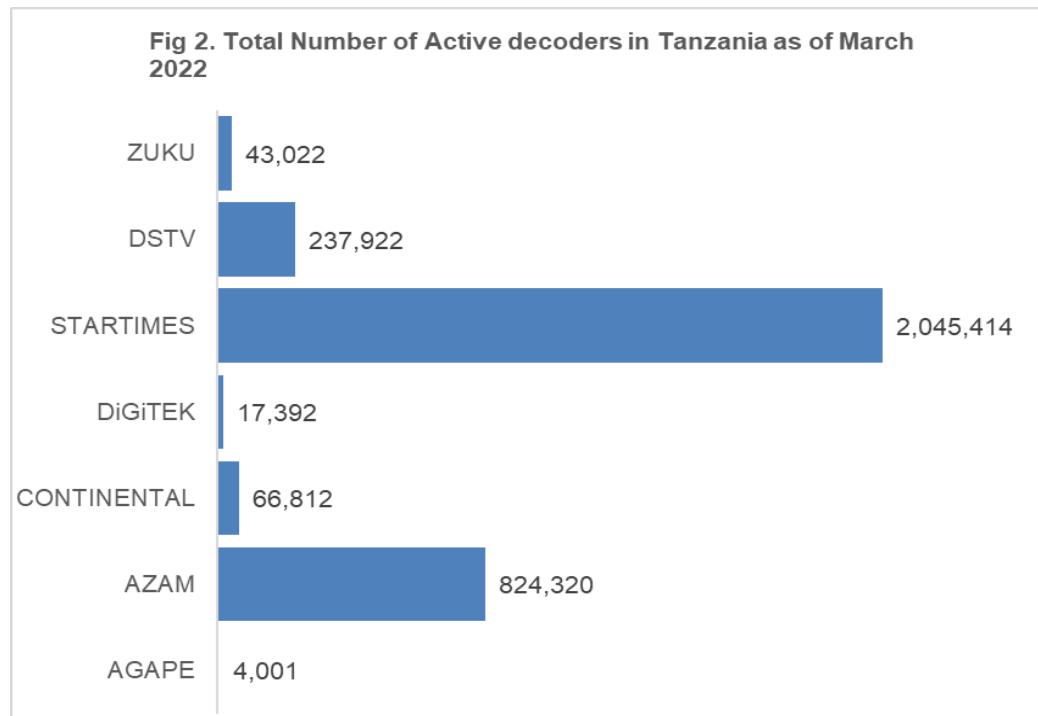


1. Active Decoders for DTT up to March 2022

AGAPE -TING	2,023
AZAM	126,178
CONTINENTAL	40,533
DiGiTEK	17,392
STAR TIMES	1,477,948
TOTAL	1,664,074

2. Active Decoders for DTH up to March 2022

AGAPE-TING	1,978
AZAM	698,142
CONTINENTAL	26,279
DStv	237,922
STARTIMES	567,466
ZUKU	43,022
TOTAL	1,574,809



E. POSTAL & COURIER SERVICES

Presents count of posted and delivered items for ordinary mails, parcels, packets and documents.



1. Posted Items January - March 2022

	<u>Ordinary Mails</u>	<u>Parcels</u>	<u>Packets</u>	<u>Documents</u>
To Domestic	676,582	6,198	552	120,460
To East Africa	16,158	79	1,112	339
To Rest of the World	37,706	182	2,592	792
To International	53,864	261	3,704	1,131
TOTAL	730,446	6,459	4,256	121,591

2. Delivered Items January - March 2022

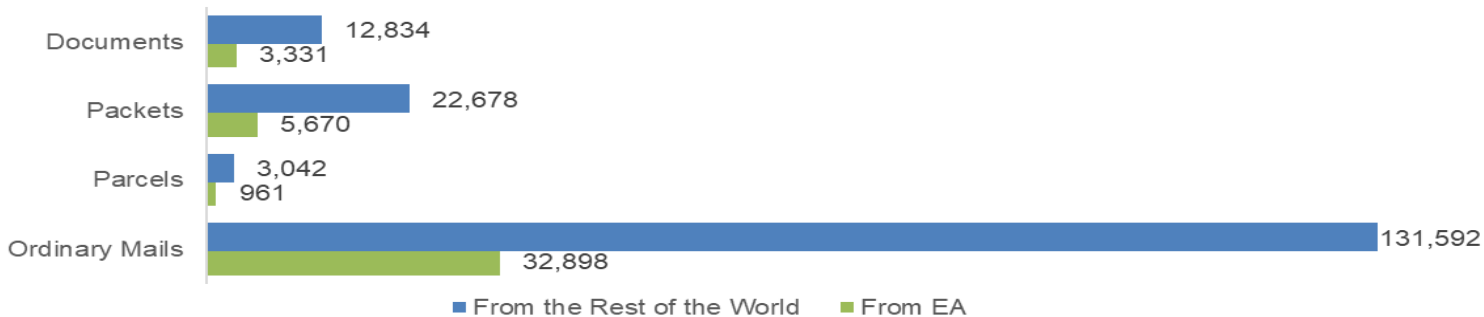
	<u>Ordinary Mails</u>	<u>Parcels</u>	<u>Packets</u>	<u>Documents</u>
From EA	32,898	961	5,670	3,331
From the Rest of the World	131,592	3,042	22,678	12,834
TOTAL	164,490	4,003	28,348	16,165



Fig.1 Posted Items to Domestic and International Jan-March 2022



Fig.2 Delivered Items from EA and Rest of the World Jan- March 2022



F. SUMMARY OF COMMUNICATIONS STATISTICS

1. TELECOM SERVICES



1a. Subscriptions and Teledensity

Year	2016	2017	2018	2019	2020	2021
Fixed	129,597	127,094	124,238	76,288	72,469	71,834
Mobile	40,044,186	39,953,860	43,497,261	49,143,053	51,220,233	54,044,384
Total	40,173,783	40,080,954	43,621,499	49,219,341	51,292,702	54,116,218
Penetration	80%	78%	81%	88%	89%	91%

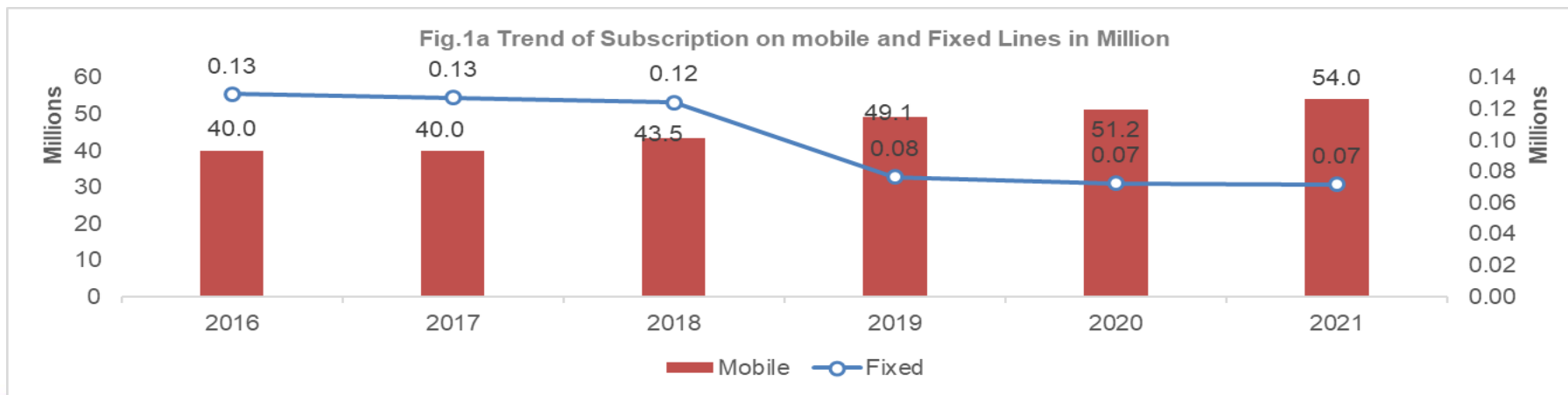
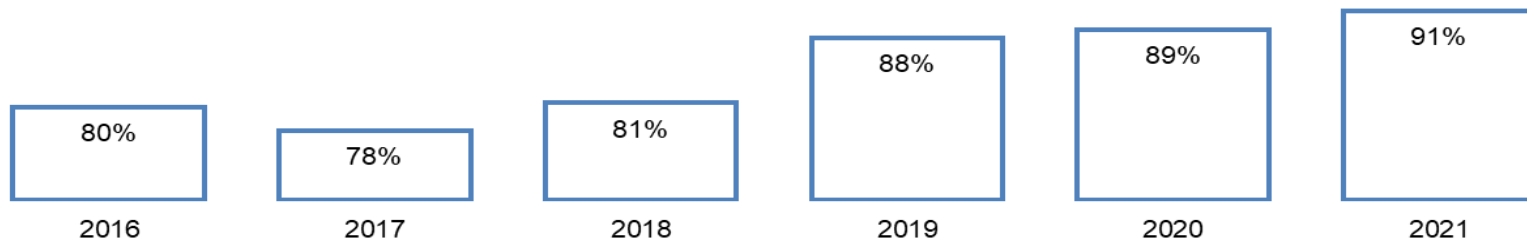




Fig.1b Voice Telecom Penetration



1c. Voice Traffic minutes - National and International

Years	2016	2017	2018	2019	2020	2021
National Traffic (On & Off Net)	51,023,633,898	56,053,981,867	62,226,915,881	67,383,030,453	81,646,075,961	94,868,568,505
Traffic to International	145,972,186	99,413,092	74,883,523	57,550,480	45,079,857	33,954,112
Traffic from International	171,320,372	104,148,723	81,094,882	67,089,598	57,282,723	65,738,504

1d. Traffic (in Minutes - To and From East Africa and International)

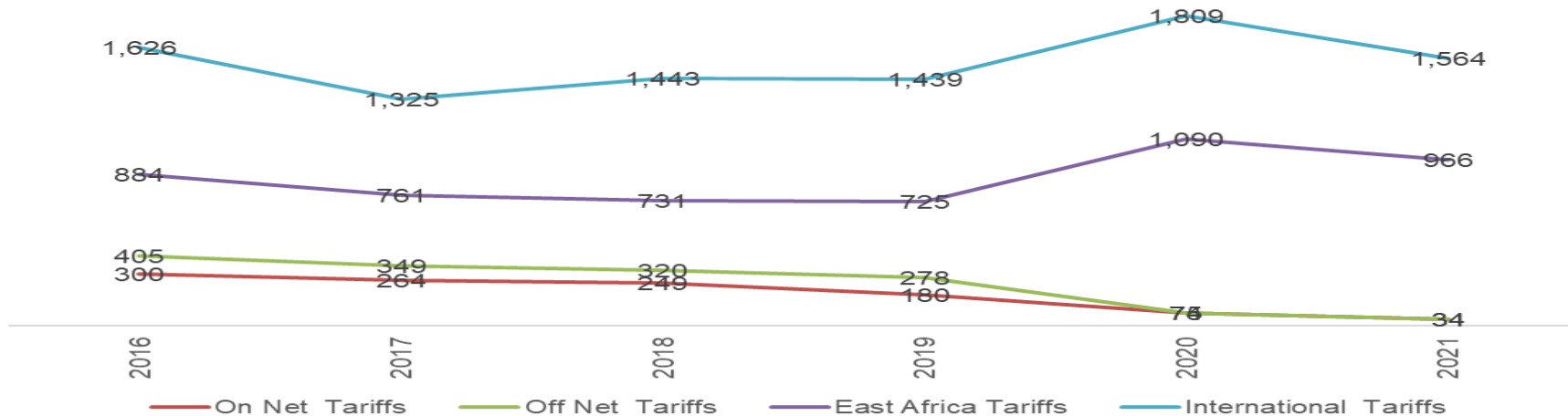
Traffic to East Africa	35,811,296	21,952,159	15,777,208	14,252,483	9,738,521	9,097,165
Traffic from East Africa	79,875,098	43,845,601	26,161,712	21,989,062	15,406,649	15,853,362
Traffic to Other International	110,160,890	77,460,933	59,106,315	43,297,997	35,341,336	24,856,947
Traffic from Other International	91,445,274	60,303,122	54,933,170	45,100,536	41,876,074	49,885,142

1e. Industry Average Prepaid Tariff Per Minute for voice Telecom (Tax Exclusive)



Years	2016	2017	2018	2019	2020	2021
On Net Tariffs	300	264	249	180	74	34
Off Net Tariffs	405	349	320	278	75	34
East Africa Tariffs	884	761	731	725	1,090	966
International Tariffs	1,626	1,325	1,443	1,439	1,809	1,564

Fig 1e: Industry Average Pre-paid Tariff per Minute for Voice Telecom



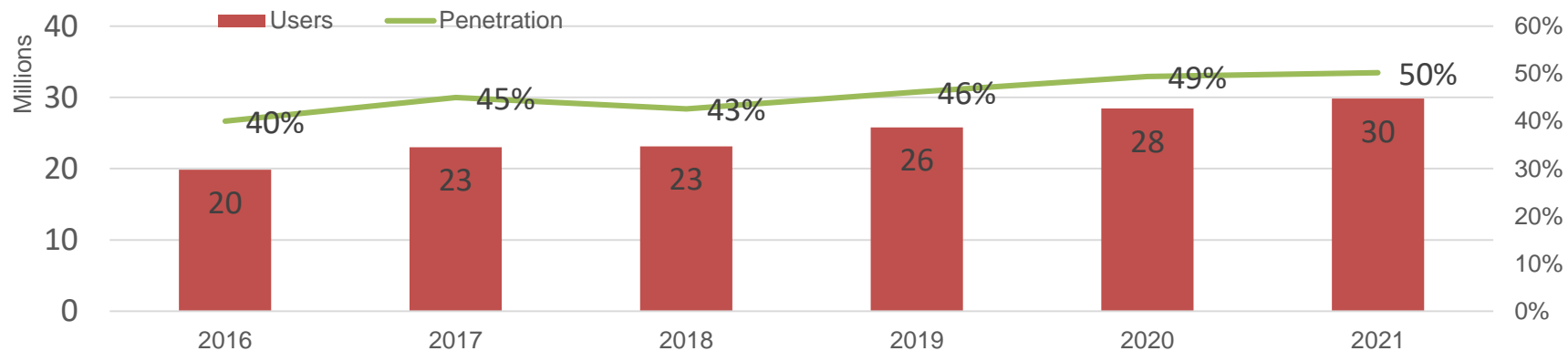
2. INTERNET SERVICES



2a Estimate of Internet Users

Year	2016	2017	2018	2019	2020	2021
Users	19,862,525	22,995,109	23,142,960	25,794,560	28,470,506	29,858,759
Penetration	40%	45%	43%	46%	49%	50%

Fig. 2a: Estimated number of Internet Users



3. BROADCASTING SERVICES



3a. Number of Digital Terrestrial Television (DTT), Digital To Home (DTH) and Free To Air TV Stations

Type	2016	2017	2018	2019	2020	2021
Free To Air Stations (FTA)	25	27	30	37	44	50
Satellite TV	3	3	3	2	2	2
DTT & DTH	3	3	3	4	4	4

3b. Number of Radio Stations

Fig. 3b Number of Radio Stations



3c. Number of Active Decoders



Year	2016	2017	2018	2019	2020	2021
DTT	837,461	1,508,229	1,626,023	1,432,398	1,472,317	1,613,031
SATELLITE	224,667	570,124	985,594	1,092,891	1,341,686	1,577,315
TOTAL	1,062,128	2,078,353	2,611,617	2,525,289	2,814,003	3,190,346

3d. Number of Online Radio and TVs

Year	2018	2019	2020	2021
Online Radio	7	18	23	25
Online TV	57	216	428	533
Blogs	38	78	118	133
Simulcast Radio	9	19	25	29
Simulcast TV	1	4	6	9

4. POSTAL SERVICES



4a Postal Service Providers

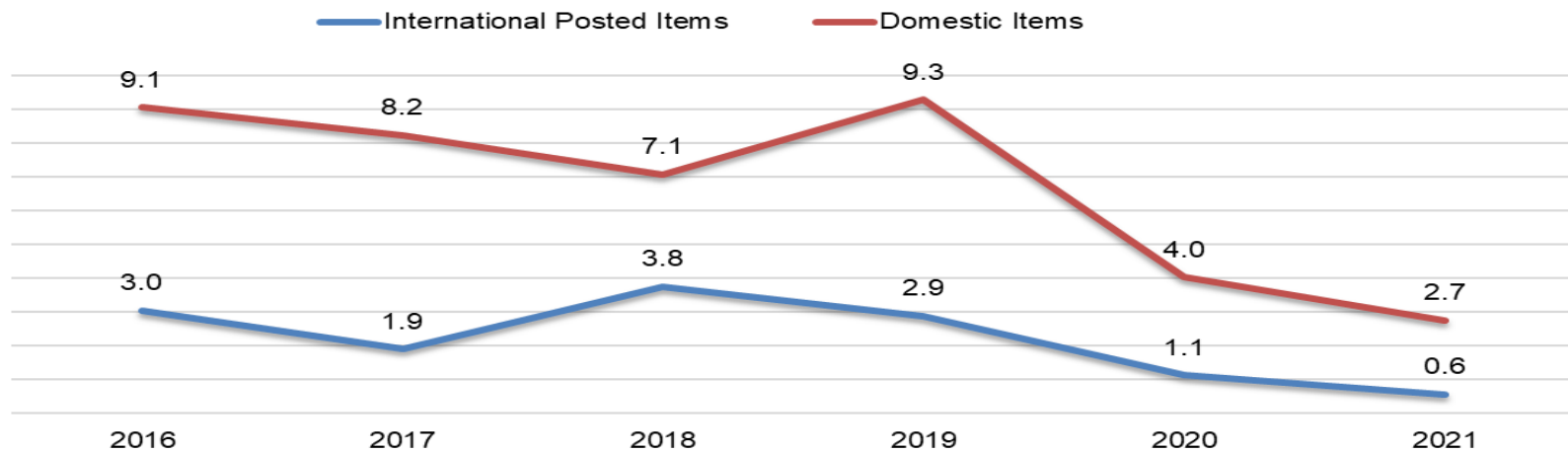
CATEGORY	2016	2017	2018	2019	2020	2021
Public	1	1	1	1	1	1
International	8	7	6	7	7	7
East Africa	2	1	2	3	3	3
Domestic	8	14	15	27	29	31
Intracity	9	5	4	9	15	15
Intercity	5	7	1	45	64	64
Total	33	35	28	92	119	121

4b. Domestic and International Posted Items in TPC

Item	2016	2017	2018	2019	2020	2021
Domestic Items	9,058,968	8,228,501	7,065,527	9,280,229	4,024,371	2,745,674
International Items	3,039,816	1,892,887	3,753,746	2,873,312	1,116,069	564,528
TOTAL	12,098,784	10,121,388	10,819,272	12,153,541	5,140,440	3,310,202



Fig.4b. Posted Items (Millions)



SUMMARY OF COMMUNICATIONS STATISTICS...



4c. Items Posted to and Delivered from International

Year	2016	2017	2018	2019	2020	2021
Delivered from Int	4,240,327	2,339,149	7,999,942	3,927,692	1,391,829	958,121
Posted to Int	12,098,784	10,121,388	5,098,728	2,873,312	1,116,069	564,528
TOTAL	16,339,111	12,460,537	13,098,670	6,801,004	2,507,898	1,522,649

Fig.4c. Items posted to and Delivered from International

