

# QUARTERLY COMMUNICATIONS STATISTICS

January - March 2021

## A: TELECOM SERVICES

### 1. TARIFFS (in TZS)

#### 1.1. Voice and SMS Basic Tariffs (Tax inclusive) as of March 2021

These are per minute charges for making direct calls and SMS without subscribing to a bundle. They are also known as Pay As You Go or Standard tariff

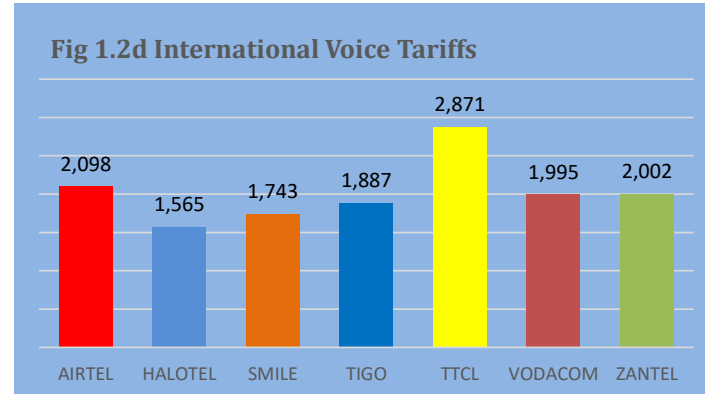
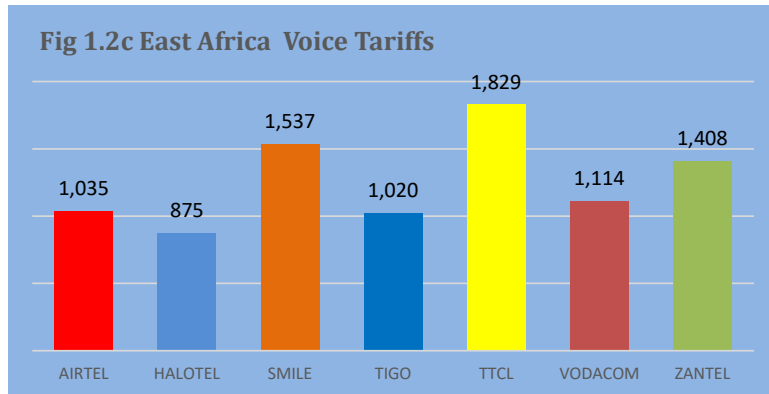
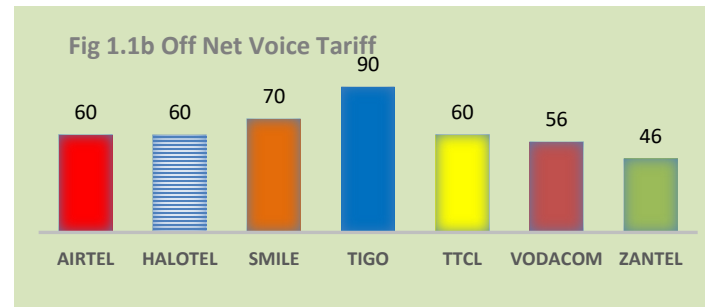
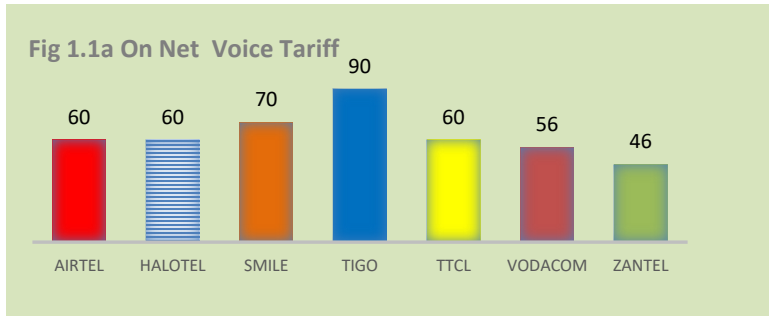


Fig 1.3e Local SMS Tariffs

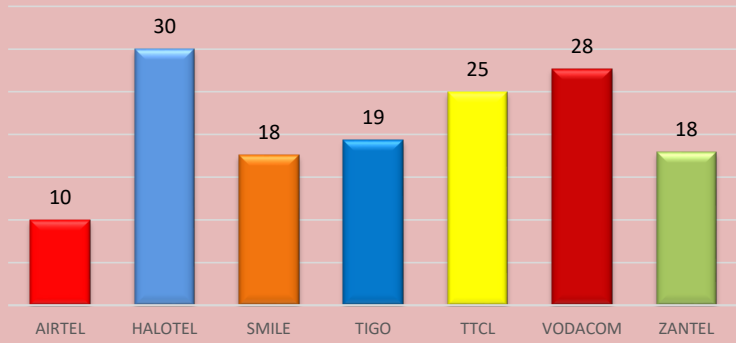
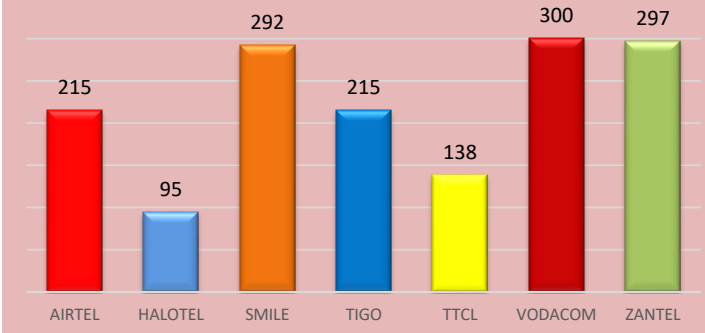


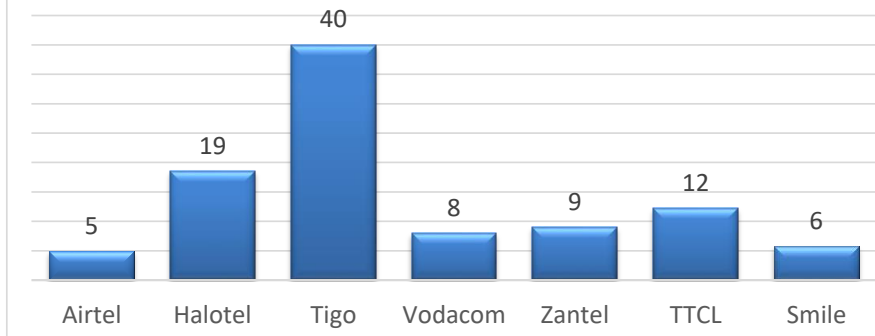
Fig 1.3f International SMS Tariffs



1.2 Standard Data Tariff as of March 2021 (Tax inclusive)

Operator	Price/MB
Airtel	5
Halotel	19
Tigo	40
Vodacom	8
Zantel	9
TTCL	12
Smile	6

Fig. 1.2 Standard Data Tariff - Tax inclusive



### 1.3 Disaggregated Bundle Tariff as of March 2021 (Tax inclusive)

	TZS/Voice On-net min	TZS/Voice Off- net min	TZS/SMS	TZS/Mb
Vodacom	9.66	9.94	5.41	2.08
Tigo	4.99	5.03	1.37	1.94
Airtel	0.30	3.85	1.18	1.11
Halotel	7.14	7.51	4.34	3.31
TTCL	1.15	8.39	3.78	1.84
Zantel	6.16	4.51	1.86	0.43
Smile	29.29	29.29	7.33	1.86

### 1.4 Industry Average Tariffs (IAT)

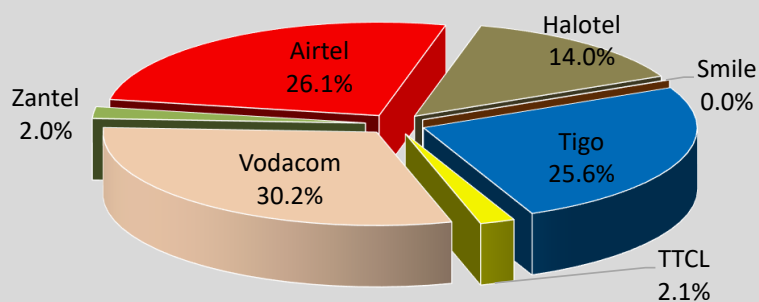
Destination	Basic Tariffs (Price/Min)		Disaggregated Bundle Tariff (Price / unit)
On Net	63	On Net Min	8
Off Net	63	Off Net Min	10
EA	1,260	SMS	4
Other Int.	2,023	MB	2
Local SMS	21		
<b>International SMS</b>	222		

## 2. TELECOM SUBSCRIPTIONS

### 2.1. Number of Telecom Subscriptions and Subscription Market Shares

Operator	JANUARY	FEBRUARY	MARCH
Airtel	13,854,798	13,951,284	13,825,207
Halotel	6,990,239	7,218,269	7,402,864
Smile	12,300	11,779	11,505
Tigo	13,265,870	13,623,180	13,530,281
TTCL	991,736	1,037,503	1,088,452
Vodacom	15,545,038	15,629,772	15,973,809
Zantel	1,028,242	1,045,203	1,053,125
<b>TOTAL</b>	<b>51,688,223</b>	<b>52,516,990</b>	<b>52,885,243</b>

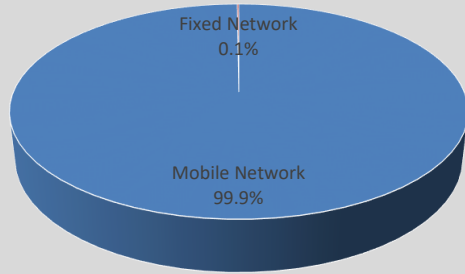
Fig. 2.1 Operators' Subscription Market Shares



### 2.2 Subscriptions to Mobile and Fixed Network

NETWORK	JANUARY	FEBRUARY	MARCH
<b>Mobile Network</b>	<b>51,620,692</b>	<b>52,445,608</b>	<b>52,813,930</b>
TTCL	67,531	71,382	71,313
ZANTEL	0	0	0
<b>Fixed Network</b>	<b>67,531</b>	<b>71,382</b>	<b>71,313</b>
<b>TOTAL</b>	<b>51,688,223</b>	<b>52,516,990</b>	<b>52,885,243</b>

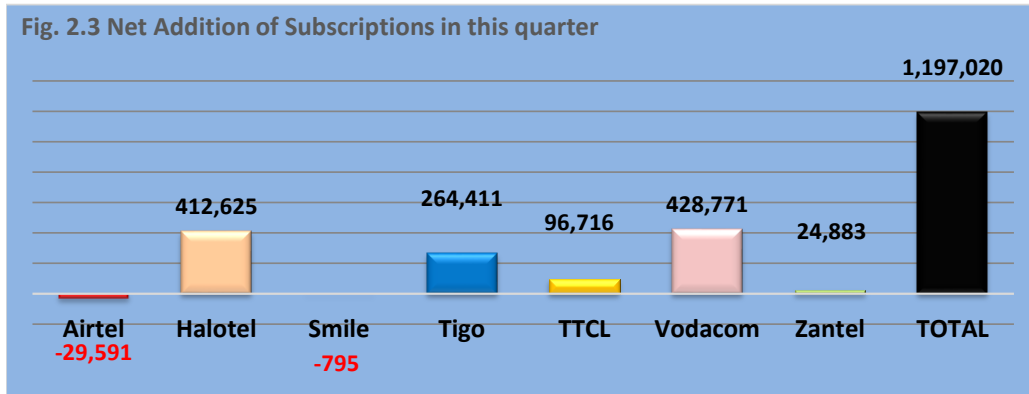
Fig.2.2: Mobile and Fixed Operators Subscription Market Shares



**2.3 Addition of Subscriptions per Operator in this quarter (Oct-Dec 2020)**

Operator	Oct-Nov	Nov-Dec	Quarter Net Addition
Airtel	96,486	-126,077	-29,591
Halotel	228,030	184,595	412,625
Smile	-521	-274	-795
Tigo	357,310	-92,899	264,411
TTCL	45,767	50,949	96,716
Vodacom	84,734	344,037	428,771
Zantel	16,961	7,922	24,883
<b>TOTAL</b>	<b>828,767</b>	<b>368,253</b>	<b>1,197,020</b>

Fig. 2.3 Net Addition of Subscriptions in this quarter

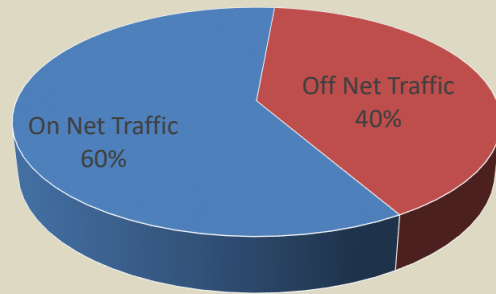


### 3. VOICE TRAFFIC MINUTES

#### 3.1 Local Traffic

Destination	JANUARY	FEBRUARY	MARCH	TOTAL
On Net Traffic	4,355,819,316	3,968,824,289	4,265,019,690	<b>12,589,663,295</b>
Off Net Traffic	2,904,988,879	2,607,699,589	2,965,817,444	8,478,505,912
<b>TOTAL</b>	<b>7,260,808,195</b>	<b>6,576,523,878</b>	<b>7,230,837,134</b>	<b>21,068,169,207</b>

Fig. 3.1 Local Traffic Minutes Proportions



#### 3.2 International Traffic

Destination	JANUARY	FEBRUARY	MARCH	TOTAL
Traffic to EA	835,296	754,318	806,665	<b>2,396,279</b>
Traffic From EA	1,360,755	1,286,404	1,427,906	4,075,065
Traffic to other Int	2,361,830	2,046,755	2,264,593	<b>6,673,178</b>
Traffic From Othe Int	4,419,355	4,191,866	4,475,036	13,086,257
<b>TOTAL</b>	<b>8,977,236</b>	<b>8,279,343</b>	<b>8,974,200</b>	<b>26,230,779</b>

Fig 3.2a Traffic Minutes to/From EA Countries

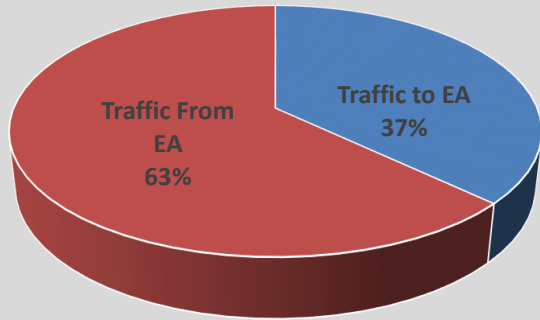
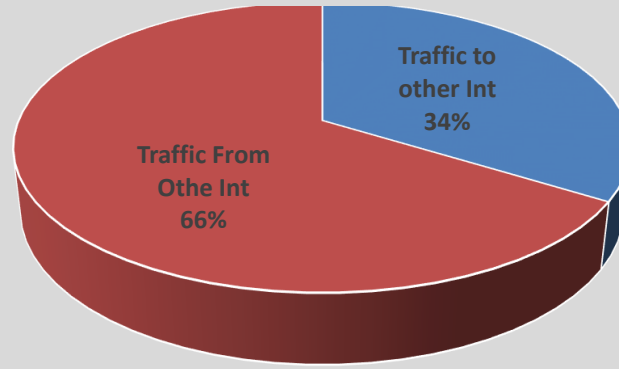


Fig 3.2b Traffic Minutes to/From other Internationals



### 3.3 Percentage Shares of Traffic Minutes Per Operators as of March 2021

#### 3.3(a) Local Traffic Minutes

Fig 3.3a On net Traffic Shares

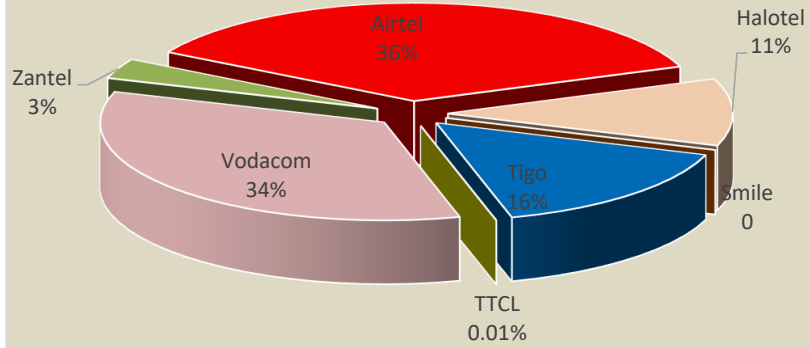
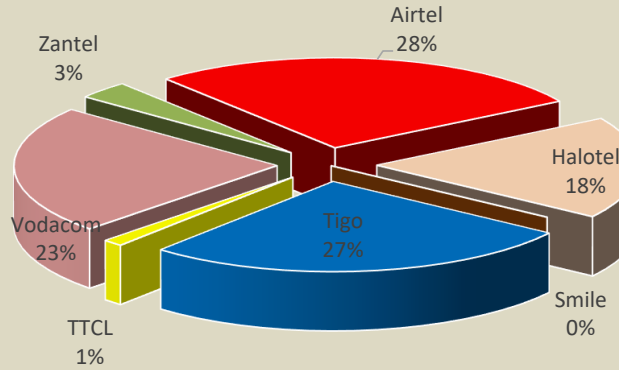


Fig 3.3b. Off Net Traffic Shares



### 3.3(b) International Traffic

Fig 3.3c EA Traffic Shares

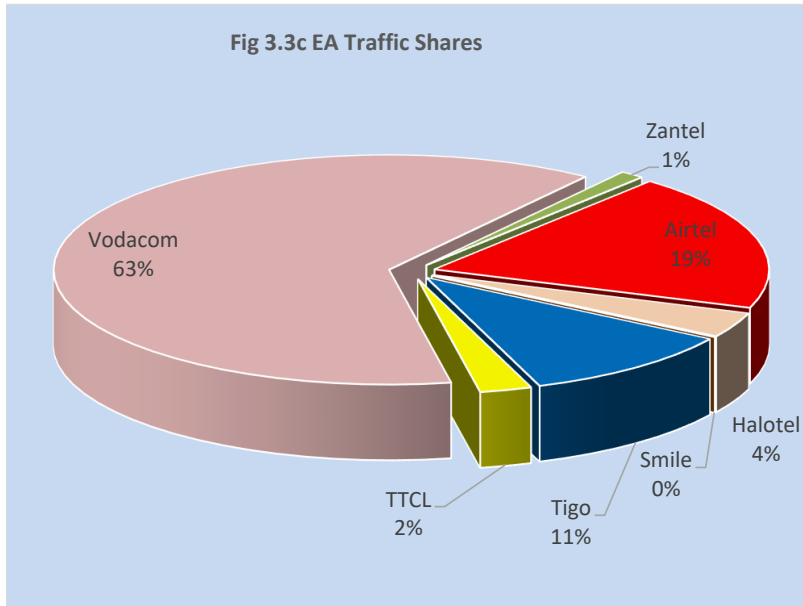
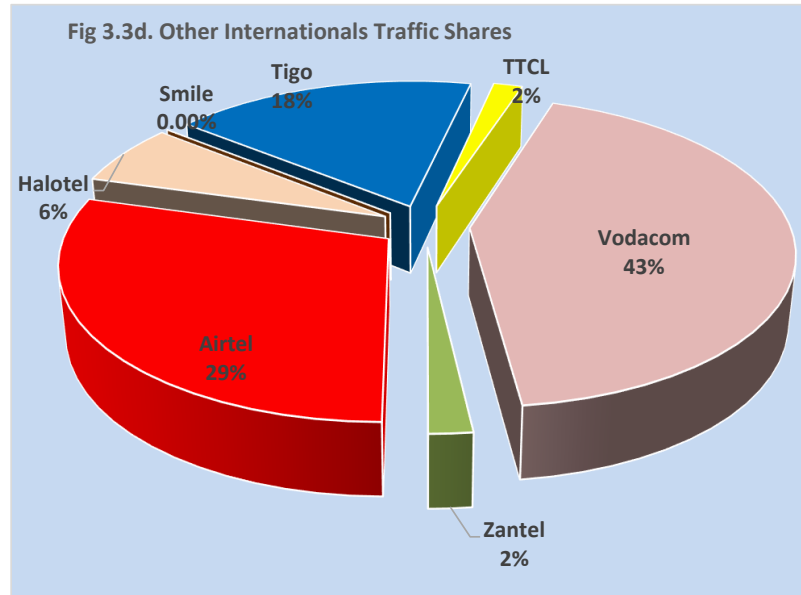


Fig 3.3d. Other Internationals Traffic Shares



### 3.4 Minutes Used Per Subscriptions (Minutes of Use)

Destination	JANUARY	FEBRUARY	MARCH	TOTAL
On net	84	76	81	240
Off Net	56	50	56	162
EA	0.02	0.01	0.02	0.05
Other Internationals	0.03	0.02	0.03	0.08
<b>TOTAL</b>	<b>141</b>	<b>125</b>	<b>137</b>	<b>403</b>



#### 4. NUMBER SHORT MESSAGES (SMS)

##### 4.1 Local and International SMS

Destination	JANUARY	FEBRUARY	MARCH	TOTAL
Local On Net SMS	5,079,502,060	4,333,053,852	4,983,644,982	<b>14,396,200,894</b>
Local Off Net SMS	6,506,381,642	5,555,795,501	6,335,901,560	<b>18,398,078,703</b>
International SMS	414,717	362,839.0	371,786.0	<b>1,149,342</b>
<b>TOTAL</b>	<b>11,586,298,419</b>	<b>9,889,212,192</b>	<b>11,319,918,328</b>	<b>32,795,428,939</b>

Fig. 4.1 Percentage Shares of Local and International SMS

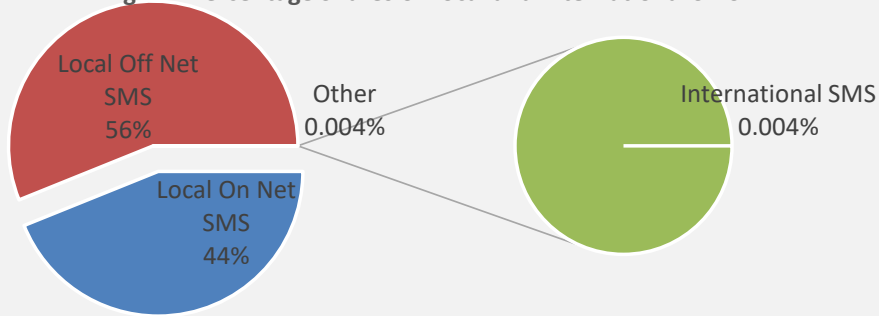


Fig 4.2a Percentage Shares of Local SMS

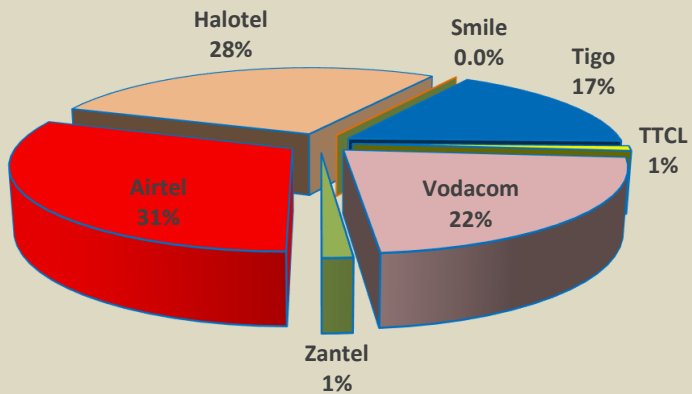
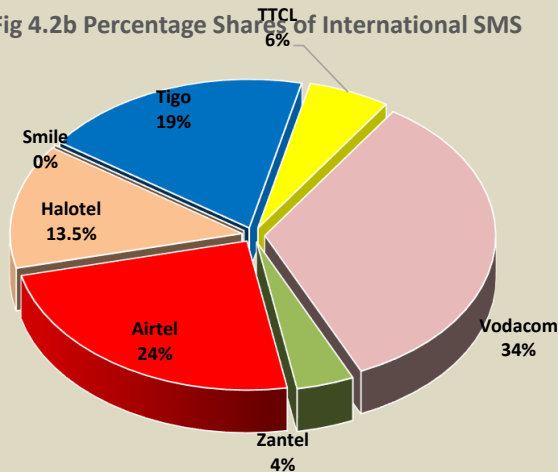


Fig 4.2b Percentage Shares of International SMS

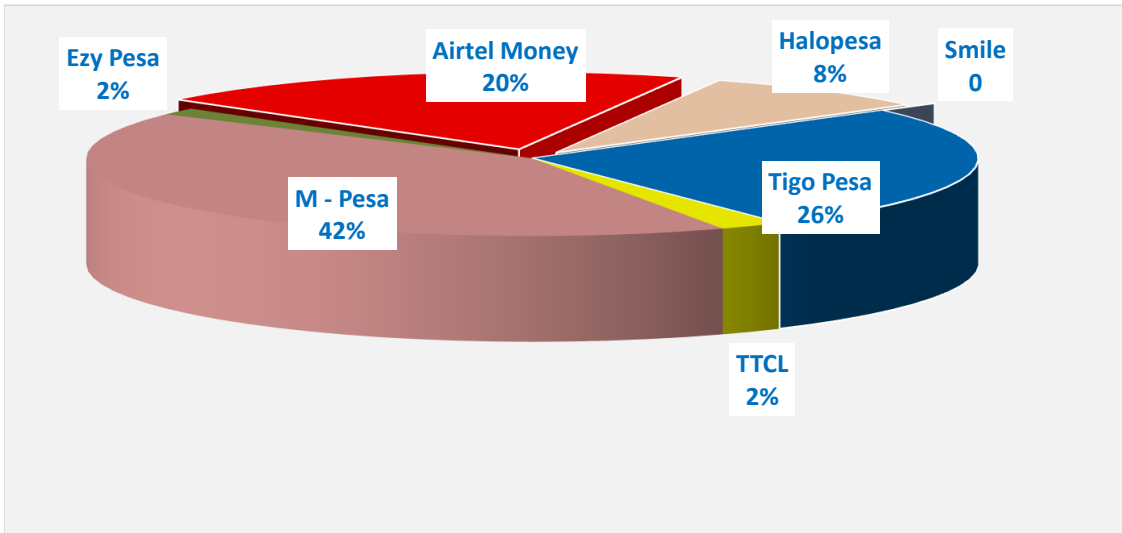


## 5. MOBILE MONEY SERVICES

### 5.1a Mobile Money Subscriptions (Mobile Money Accounts)

Operator	JANUARY	FEBRUARY	MARCH
Airtel Money	6,516,239	6,551,644	6,493,259
Halopesa	2,662,626	2,726,548	2,753,949
Smile	0	0	0
Tigo Pesa	8,982,228	8,868,920	8,600,304
TTCL	685,372	720,815	762,196
M - Pesa	13,116,149	13,457,684	13,633,592
Ezy Pesa	459,220	467,181	476,880
<b>TOTAL</b>	<b>32,421,834</b>	<b>32,792,792</b>	<b>32,720,180</b>

### 5.1b. Mobile Money Market share on Subscriptions as of March 2021

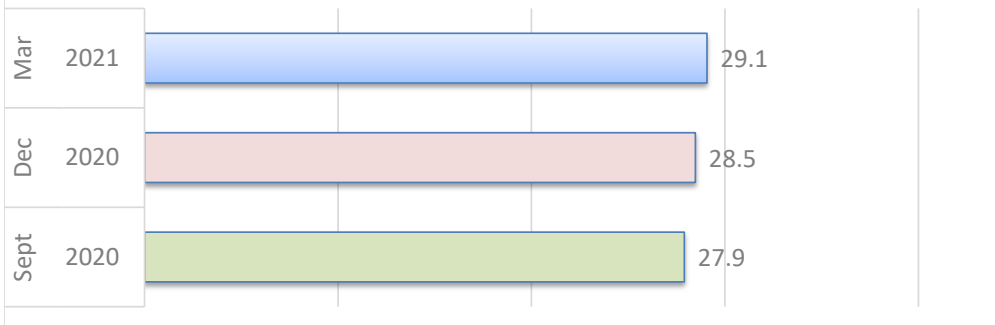


## 6. INTERNET SERVICES

### 6.1 Estimate of Internet Users

Sept 2020	Dec 2020	Mar 2021
<b>27,900,069</b>	<b>28,470,506</b>	<b>29,071,817</b>

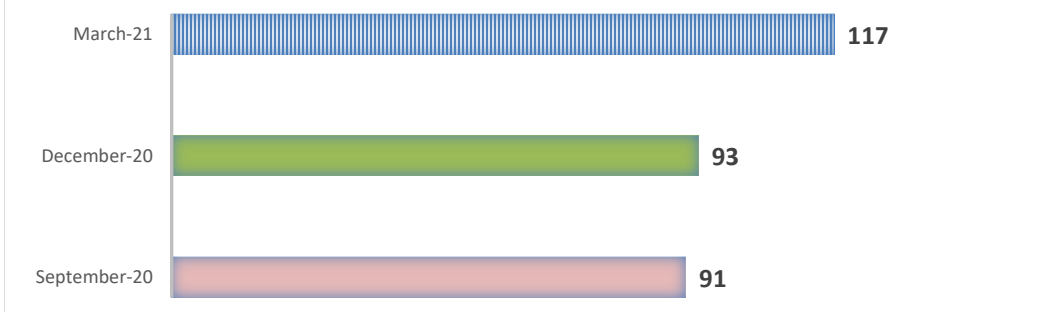
**Fig. 6.1 Estimate of Internet Users (In Million)**



### 6.2 Internet use (Data Traffic in MBs)

September-20	December-20	March-21
<b>90,523,635,570</b>	<b>92,714,048,815</b>	<b>116,616,249,336</b>

**Fig. 6.2 Data Traffic (in Billion) MBs**



## 7. BROADCASTING SERVICES -PAY TV

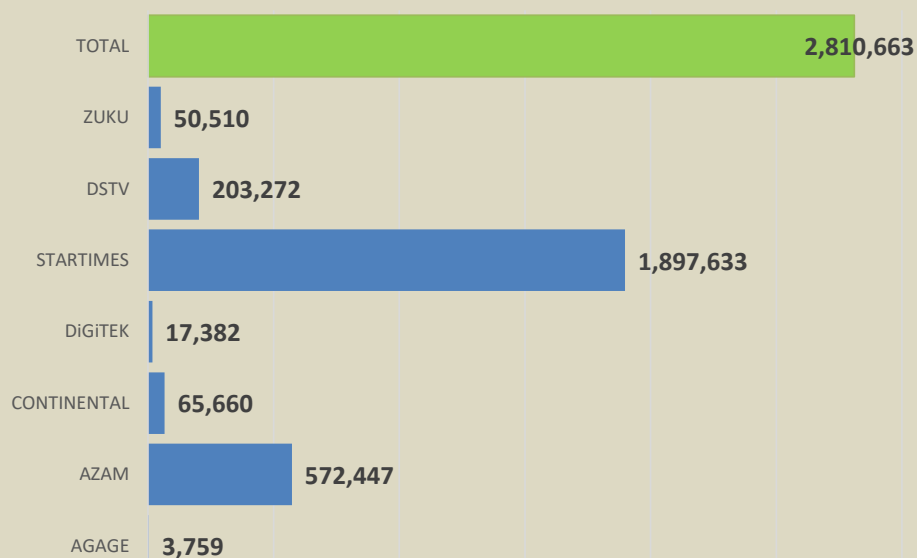
### 7.1 Number of Active Decoders for DTT up to March 2021

AGAPE -TING	1,984
AZAM	0
CONTINENTAL	40,790
DiGITEK	17,382
STAR TIMES	1,420,464
<b>TOTAL</b>	<b>1,480,620</b>

### 7.2 Number of Active Decoders for DTH up to December 2020

AGAPE	1,775
AZAM	572,447
CONTINENTAL	24,870
DsTV	203,272
STARTIMES	477,169
ZUKU	50,510
<b>TOTAL</b>	<b>1,330,043</b>

Fig 7. Total Number of Active decoders in Tanzania as of Dec 2020



## 8. POSTAL & COURIER SERVICES

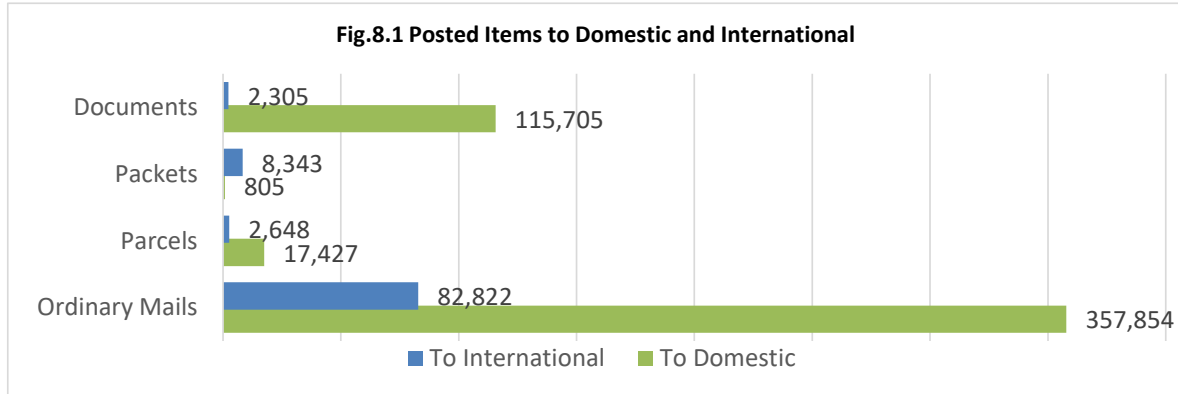
### 8.1 Posted Items Jan - Mar 2021

	Ordinary Mails	Parcels	Packets	Documents
To Domestic	357,854	17,427	805	115,705
To East Africa	2,531	77	268	384
To Rest of the World	80,291	2,571	8,075	1,921
To International	82,822	2,648	8,343	2,305
<b>TOTAL</b>	<b>440,676</b>	<b>20,075</b>	<b>9,148</b>	<b>118,010</b>

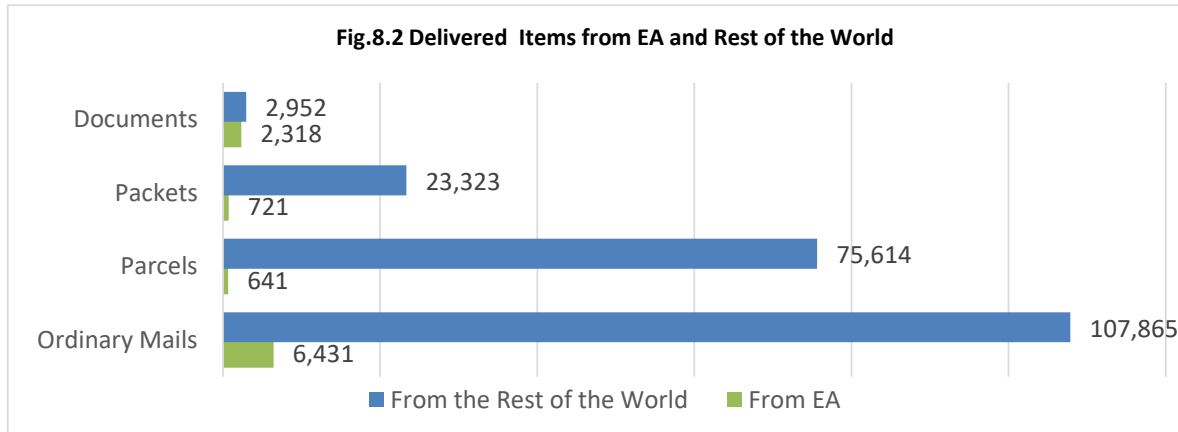
### 8.2 Delivered Items Jan - Mar 2021

	Ordinary Mails	Parcels	Packets	Documents
From EA	6,431	641	721	2,318
From the Rest of the World	107,865	75,614	23,323	2,952
<b>TOTAL</b>	<b>114,296</b>	<b>76,255</b>	<b>24,044</b>	<b>5,270</b>

**Fig.8.1 Posted Items to Domestic and International**



**Fig.8.2 Delivered Items from EA and Rest of the World**



## 9. SUMMARY OF COMMUNICATIONS STATISTICS

### 9.1 TELECOM SERVICES

#### 9.1a Subscriptions and Teledensity

Year	2015	2016	2017	2018	2019	2020
Fixed	142,819	129,597	127,094	124,238	76,288	72,469
Mobile	39,665,600	40,044,186	39,953,860	43,497,261	49,143,053	51,220,233
Total	39,808,419	40,173,783	40,080,954	43,621,499	49,219,341	51,292,702
Penetration	79%	80%	78%	81%	88%	89%

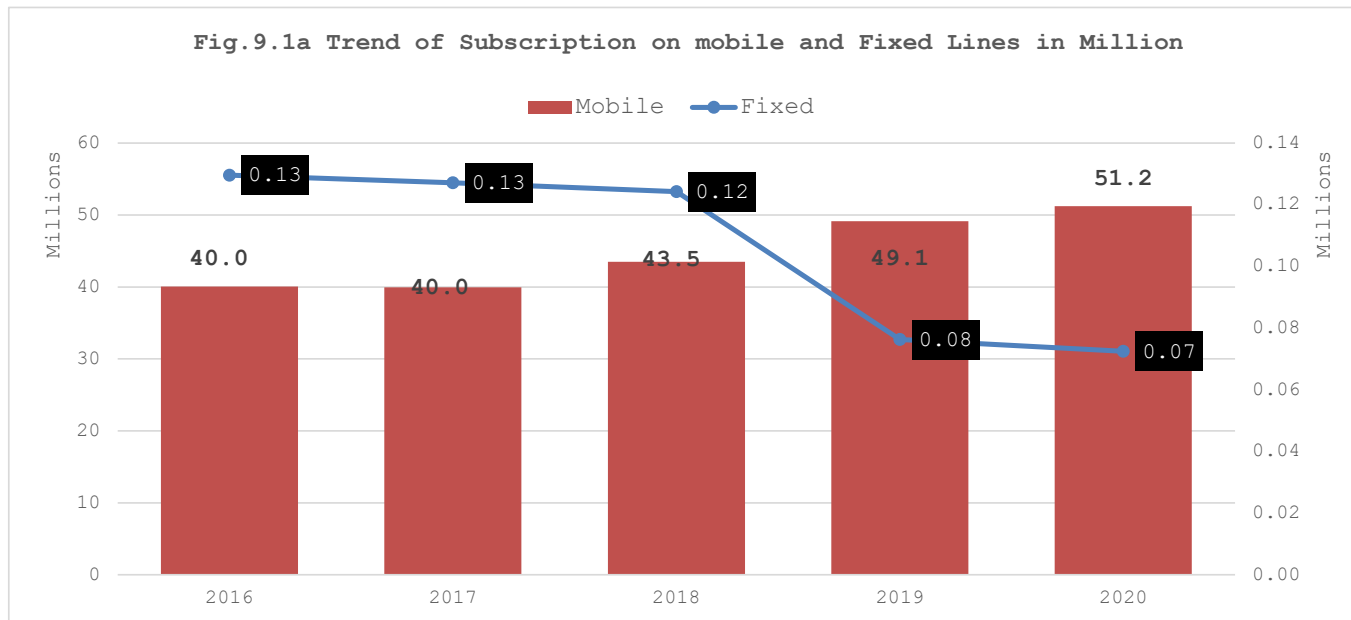
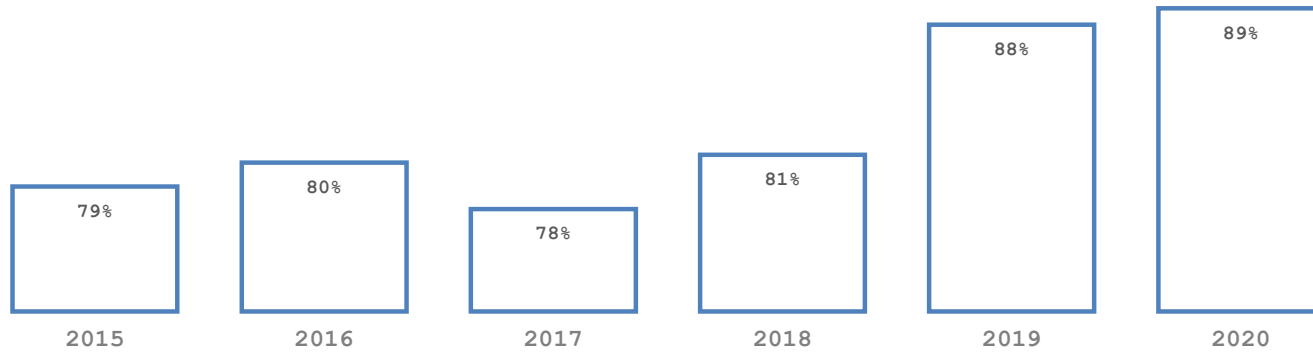


Fig.9.1b Voice Telecom Penetration



**9.1b Voice Traffic minutes - National and International**

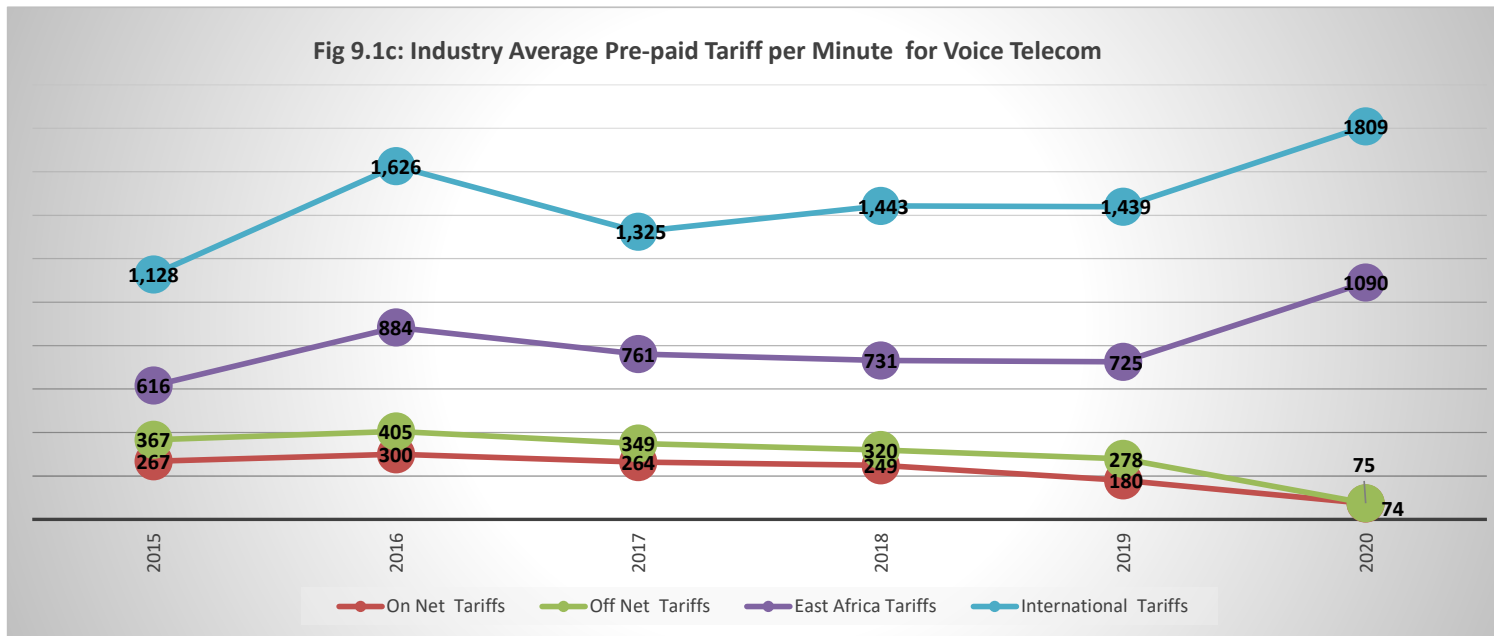
Years	2015	2016	2017	2018	2019	2020
National Traffic (On & Off Net)	43,461,094,130	51,023,633,898	56,053,981,867	62,226,915,881	67,383,030,453	<b>81,646,075,961</b>
Traffic to International	219,401,125	145,972,186	99,413,092	74,883,523	57,550,480	<b>45,961,423</b>
Traffic from International	221,145,509	171,320,372	104,148,723	81,094,882	67,089,598	<b>60,788,964</b>

**9.1c Traffic (in Minutes - To and From East Africa and International)**

Traffic to East Africa	44,821,161	35,811,296	21,952,159	15,777,208	14,252,483	<b>9,738,521</b>
Traffic from East Africa	54,078,219	79,875,098	43,845,601	26,161,712	21,989,062	<b>15,406,649</b>
Traffic to Other International	174,579,964	110,160,890	77,460,933	59,106,315	43,297,997	<b>36,222,902</b>
Traffic from Other International	167,067,290	91,445,274	60,303,122	54,933,170	45,100,536	<b>45,382,315</b>

9.1c Industry Average Prepaid Tariff Per Minute for voice Telecom (Tax Exclusive)

Years	2015	2016	2017	2018	2019	2020
On Net Tariffs	267	300	264	249	180	<b>74</b>
Off Net Tariffs	367	405	349	320	278	<b>75</b>
East Africa Tariffs	616	884	761	731	725	<b>1090</b>
International Tariffs	1,128	1,626	1,325	1,443	1,439	<b>1809</b>



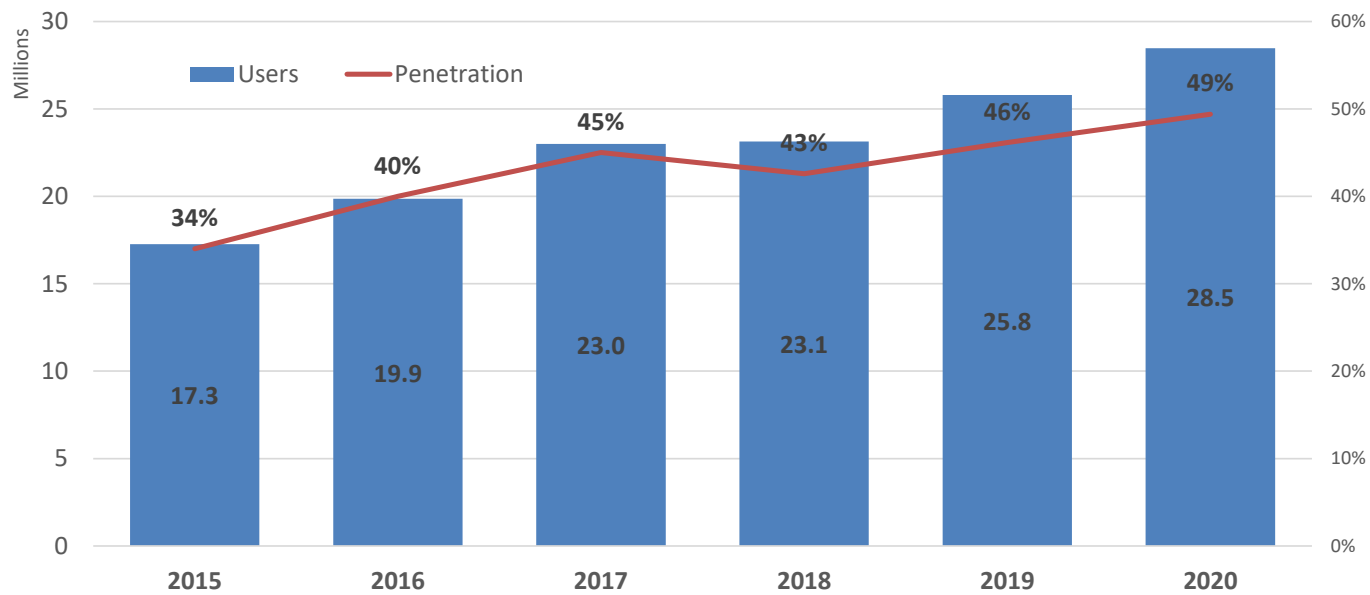


## 9.2 INTERNET SERVICES

### 9.2a Estimate of Internet Users

Year	2015	2016	2017	2018	2019	2020
Users	17,263,523	19,862,525	22,995,109	23,142,960	25,794,560	28,470,506
Penetration	34%	40%	45%	43%	46%	49%

Fig 9.2b: Estimated number of Internet Users



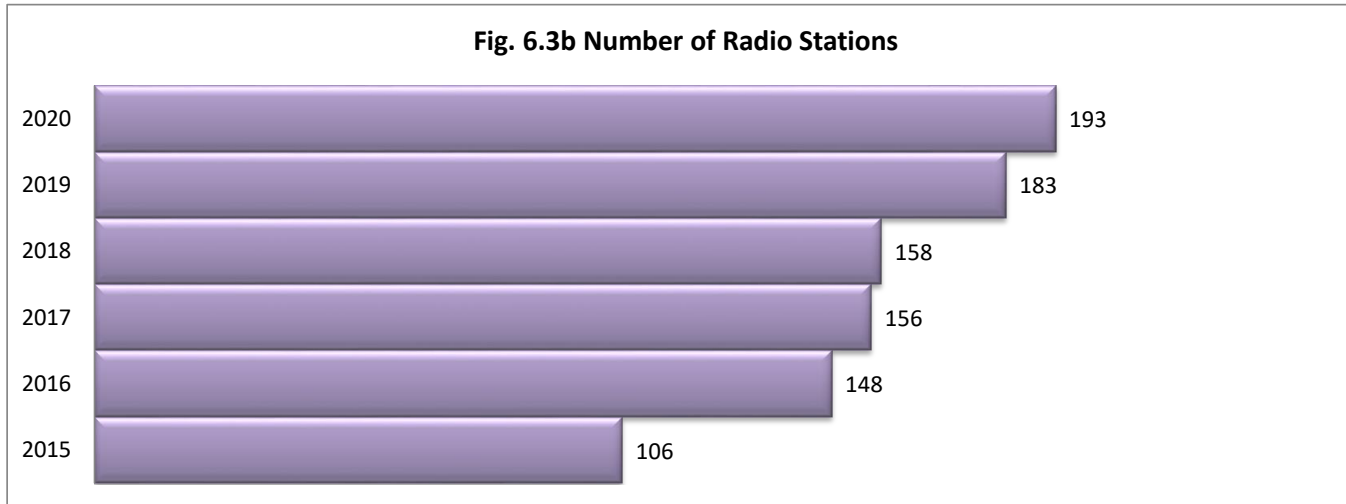
### 9.3 BROADCASTING SERVICES

#### 9.3a Number of Digital Terrestrial Television (DTT), Digital To Home (DTH) and TV Stations

Type	2015	2016	2017	2018	2019	2020
Free To Air	25	25	27	30	37	44
Satellite TV	3	3	3	3	2	2
DTT & DTH	3	3	3	3	4	4

#### 9.3b Number of Radio Stations

Fig. 6.3b Number of Radio Stations



#### 9.3c Number of Active Decoders

Year	2015	2016	2017	2018	2019	2020
DTT	717,824	837,461	1,508,229	1,626,023	1,432,398	1,472,317
SATELLITE	192,571	224,667	570,124	985,594	1,092,891	1,341,686
<b>TOTAL</b>	<b>910,395</b>	<b>1,062,128</b>	<b>2,078,353</b>	<b>2,611,617</b>	<b>2,525,289</b>	<b>2,814,003</b>

## 9.4 POSTAL SERVICES

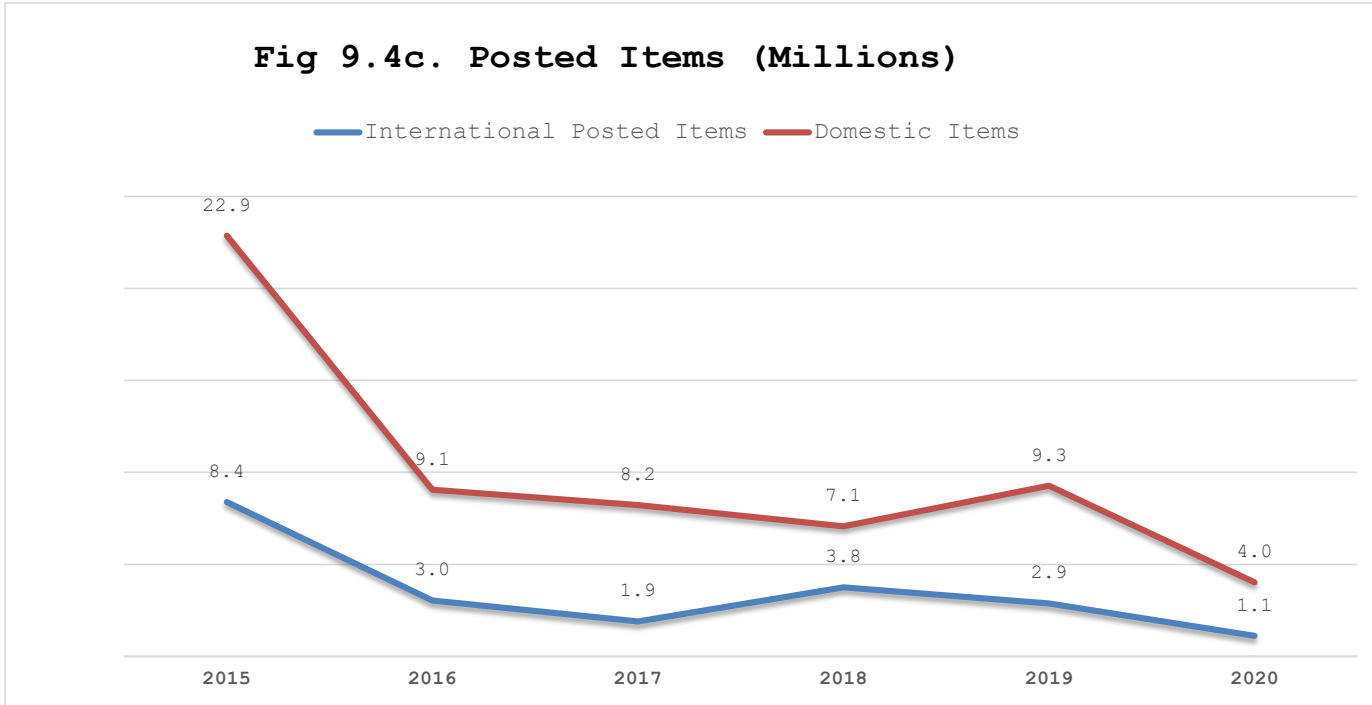
### 9.4a Postal Service Providers

CATEGORY	2015	2016	2017	2018	2019	2020
Public	1	1	1	1	1	1
International	8	8	7	6	7	7
East Africa	4	2	1	2	3	3
Domestic	8	8	14	15	27	29
Intracity	6	9	5	4	9	15
Intercity	9	5	7	1	45	64
<b>Total</b>	<b>36</b>	<b>33</b>	<b>35</b>	<b>28</b>	<b>92</b>	<b>119</b>

### 9.4b Domestic and International Posted Items in TPC

Item	2015	2016	2017	2018	2019	2020
Domestic Items	22,870,106	9,058,968	8,228,501	7,065,527	9,280,229	4,024,371
International Items	8,389,065	3,039,816	1,892,887	3,753,746	2,873,312	1,116,069
<b>TOTAL</b>	<b>31,259,171</b>	<b>12,098,784</b>	<b>10,121,388</b>	<b>10,819,272</b>	<b>12,153,541</b>	<b>5,140,440</b>

**Fig 9.4c. Posted Items (Millions)**



**9.4d Items Posted to and Delivered from International**

Year	2015	2016	2017	2018	2019	2020
Delivered from Int	9,014,973	4,240,327	2,339,149	7,999,942	3,927,692	<b>1,391,829</b>
Posted to Int	11,259,171	12,098,784	10,121,388	5,098,728	2,873,312	<b>1,116,069</b>
<b>TOTAL</b>	<b>20,274,144</b>	<b>16,339,111</b>	<b>12,460,537</b>	<b>13,098,670</b>	<b>6,801,004</b>	<b>2,507,898</b>

**Fig. 9.4d Items posted to and Delivered from International**

