



**STATISTICS REPORT FOR TELECOM, MEDIA
AND BROADCASTING SECTOR AS OF THE FIRST
QUARTER OF THE YEAR 2022**

Disclaimer: Information provided in this report is subject to alteration in case of any revisions or updates deemed necessary.

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REPORT SUMMARY

This report compiles the information from telecom operators, 4G wholesaler, Internet Service Providers (ISPs), Media and Broadcasting operators as per their license obligations for the period starting from 1st January to 31st March 2022.

Table 1: Key ICT indicators

INDICATORS	Q4 2021	Q1 2022	% change between Q4-21 and Q1-22
SUBSCRIPTIONS			
Mobile subscriptions	10,902,989	10,644,981	-2.37
Fixed subscriptions	11,893	11,568	-2.73
Mobile (SIM) penetration rate (%)	84.16	81.70	-2.92
Fixed telephone penetration rate (%)	0.0918	0.0888	-3.29
VOICE TRAFFIC IN MINUTES			
On-Net Voice Traffic	6,429,344,136	6,253,268,050	-2.74
Outgoing Off-Net Voice Traffic	302,624,192	318,424,835	5.22
International Outgoing mobile voice traffic	7,500,119	7,209,725	-3.87
International Incoming mobile voice traffic	18,105,627	19,759,198	9.13
ROAMING SUBSCRIBERS			
Roaming-in (Foreign subscribers)	1,159,740	1,595,708	37.59
Roaming-Out (Own subscribers)	1,018,172	1,032,089	1.37
ROAMING TRAFFIC			
Total incoming minutes for roamers	35,014,728	35,434,976	1.20
Total outgoing minutes for roamers	2,039,205	2,166,255	6.23
SMS TRAFFIC			
On-net SMS	857,988,475	867,277,182	1.08
Outgoing Off-net SMS	9,036,892	8,742,720	-3.26
Outgoing International SMS	791,559	788,043	-0.44
Incoming International SMS	2,335,740	1,650,825	-29.32
DATA/INTERNET			
Internet subscriptions	8,348,781	7,873,134	-5.70
Internet subscriptions per 100 inhabitants	64.4	60.4	-6.23
Equipped international internet bandwidth (Mbps)	155,127	156,835	1.10
Used international internet bandwidth (Mbps)	80,013	84,809	5.99
MEDIA AND BROADCASTING			
Number of Television stations	19	21	10.53
Number of Radio FM stations	31	30	-3.23
Active Pay TV subscribers	90,126	113,067	25.45
Registered Pay TV subscribers	362,693	399,649	10.19

Source: Operators' reports

1. MOBILE TELEPHONE SERVICES

1.1. Mobile subscriptions

During the first quarter of the year 2022, the operators providing mobile telephone services were MTN Rwanda Ltd and Airtel Rwanda Ltd. The number of active mobile subscriptions reported at the end of March 2022 were 10.6 million SIM cards.

Table 2: Comparison of active¹ mobile subscriptions per operator by contract type

Name of operator	March 2021			March 2022			Quarterly Variation
	Postpaid	Prepaid	Total	Postpaid	Prepaid	Total	
MTN Rwanda Ltd	87,486	6,631,639	6,719,125	130,516	6,799,531	6,930,047	3.14%
Airtel Rwanda Ltd	4,865	4,011,744	4,016,609	4,990	3,709,944	3,714,934	-7.51%
Total	92,351	10,643,383	10,735,734	135,506	10,509,475	10,644,981	-0.85%

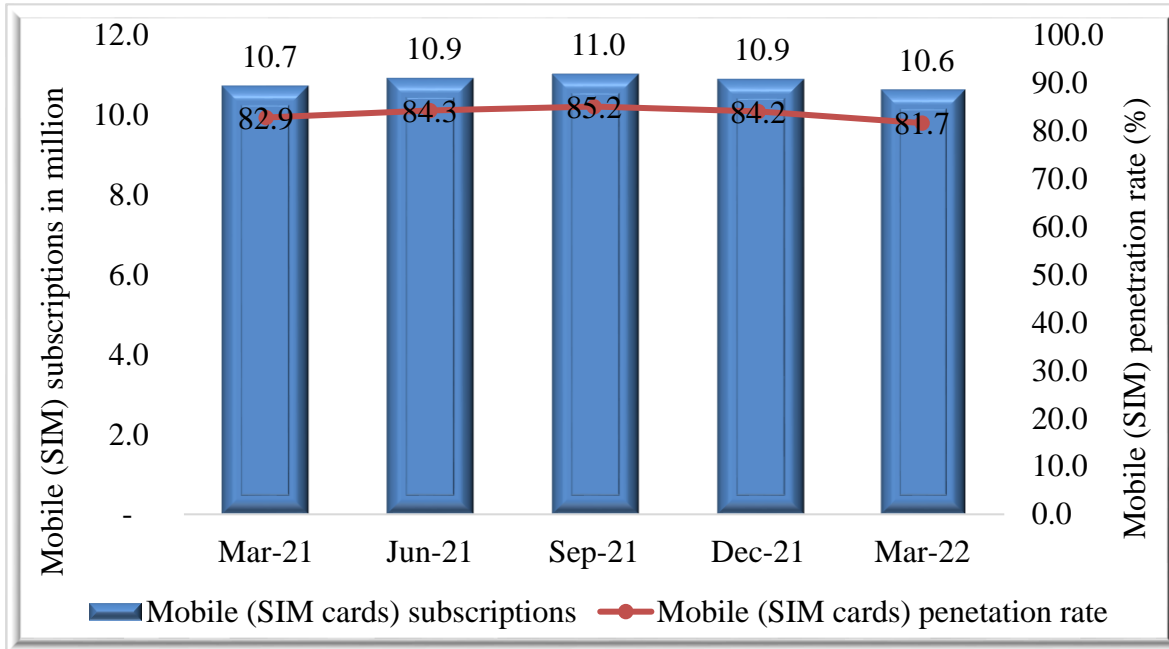
Source: Operators' reports

At the end of March 2022, the number of active mobile subscriptions in the country decreased to 10.6 million from 10.7 million active SIM cards reported at the end of March 2021. For that reason, the active mobile-cellular telephone (SIM cards) subscriptions per 100 people decreased from 82.9% reported at the end of March 2021 to 81.7% as of March 2022.

The Figure 1 shows the trends of mobile subscriptions and penetration rates.

¹ Active mobile subscriptions refer to the number of SIM cards which generated revenues to the operator within 90 days.

Figure 1: Trend of mobile subscriptions and penetration rate² from Q1 2021 to Q1 2022

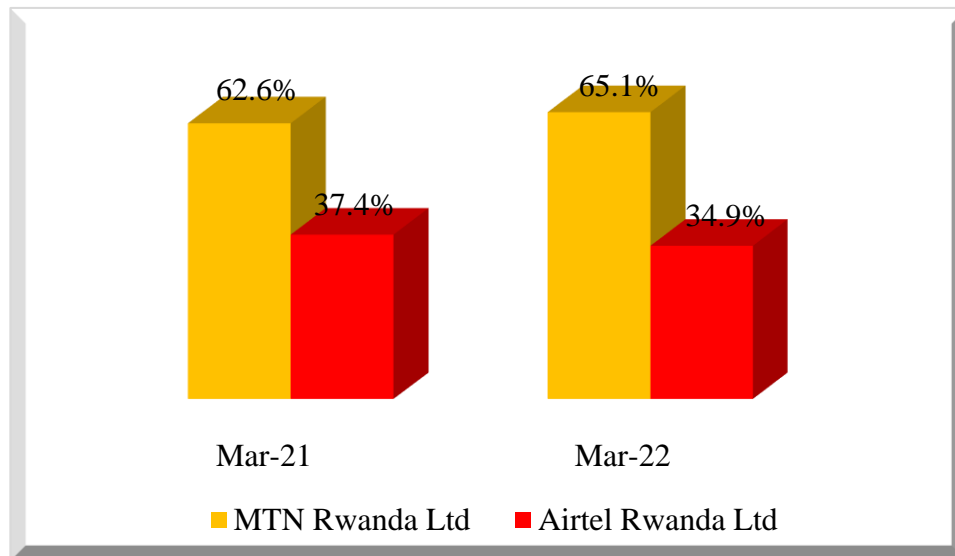


Source: Operators’ reports

1.2. Market share for mobile (SIM cards) subscriptions

As of first quarter 2022, the market shares in terms of active SIM cards for MTN Rwanda Ltd increased by 2.5 percentage points up to 65.1 percent, whereas that for Airtel Rwanda Ltd dropped by the same margin reaching 34.9 percent compared to the first quarter 2021.

Figure 2: Market share trends for mobile (SIM cards) subscriptions per operator



Source: Operators’ reports

² Mobile (SIM cards) penetration rate (%) is computed with reference to the sum of active SIM cards over the Rwandan population as projected by National Institute of Statistics of Rwanda.

1.3. Mobile Voice, and SMS tariff structure

During the quarter under review, the average standard tariff for calling by mobile phone within a telecom operator was 40 Frw/Min while also 40 Frw/Min was between telecom operators, 90 Frw/Min in One Area Network Countries, and 51 Frw/Min to call in US, Canada, China, and India.

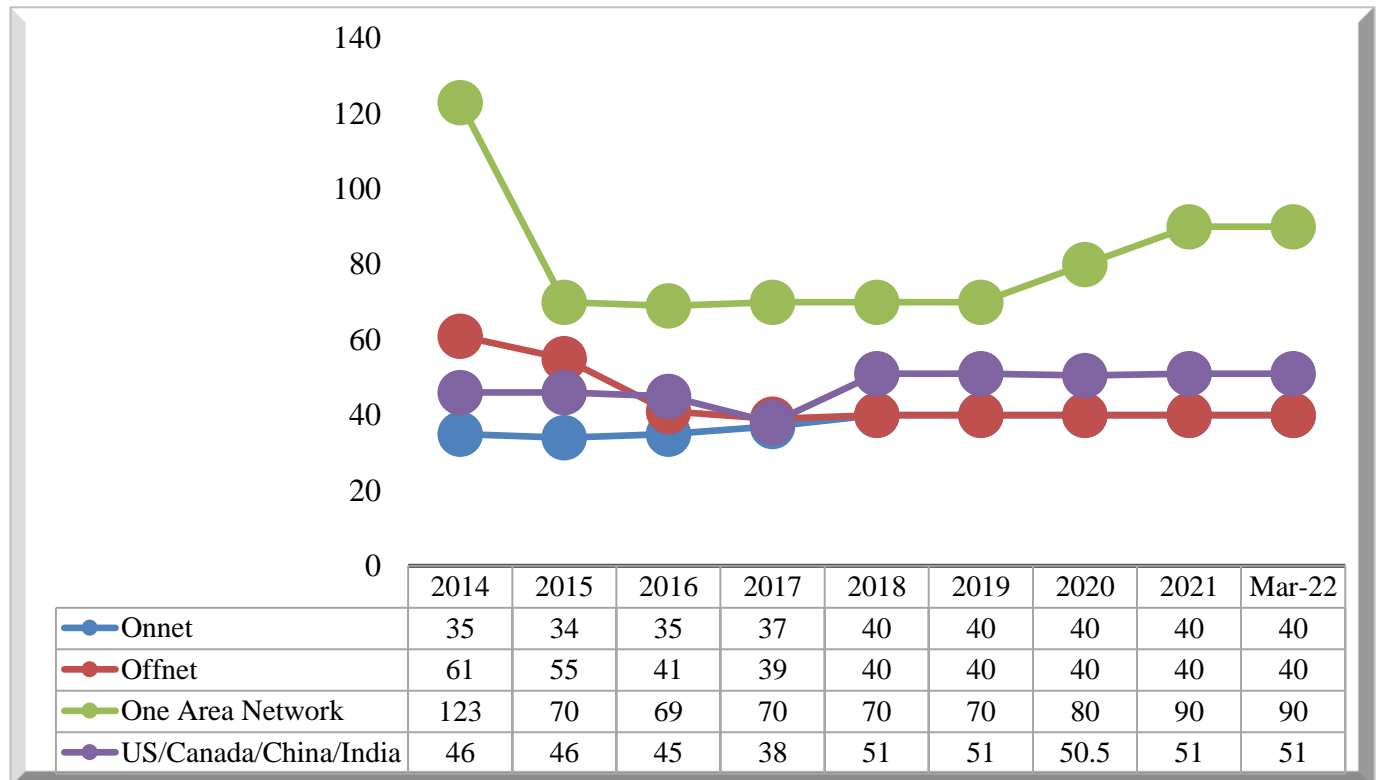
Table 3: Mobile telephone voice tariff (in Frw) per minute per operator as of March 2022

Destination	MTN Rwanda Ltd	Airtel Rwanda Ltd	Average
Onnet	45	35	40
Offnet	45	35	40
One Area Network	90	90	90
US/Canada/China/India	51	51	51

Source: Operators' reports

During the first quarter 2022, the standard average tariff for calling by mobile telephone within a telecom operator, between telecom operators, and to call in US, Canada, China, and India was 40 Frw/Min, 40 Frw/Min, and 51 Frw/Min respectively. The standard average voice tariff for calling in One Area Network Countries was 90 Frw/min.

Figure 3: Trend of average mobile voice tariff (in Frw) per minute



Source: Operators' reports

In the first quarter 2022, the average tariff for sending a message within a telecom operator, between telecom operators, in ONA countries, and international was 8.5 Frw, 20.5 Frw, 47 Frw, and 84.5 respectively. A subscriber on Airtel Rwanda’s network can send a short text message to its Africa sister companies ‘subscribers’ at 26 Frw.

Table 4: SMS tariff structure (in Frw) as of March 2022

SMS Tariff	MTN Rwanda Ltd	Airtel Rwanda Ltd	Average
Onnet tariff	12	5	8.5
Offnet tariff	26	15	20.5
ONA	54	40	47.0
Rest of the World	90	79	84.5

Source: Operators’ reports

1.4. Mobile traffic statistics

1.4.1. Mobile outgoing and incoming international voice traffic

During the first quarter of 2022, the total volume of minutes originating within mobile networks was 6.2 billion minutes, the total minutes originating from one mobile networks to other networks was 318.1 million minutes, and the total minutes from mobile networks to international networks was 7.1 million minutes. The number of minutes from international networks to local mobile networks was 19.7 million minutes.

Table 5: Outgoing and incoming traffic per operator as of the 1st quarter 2022

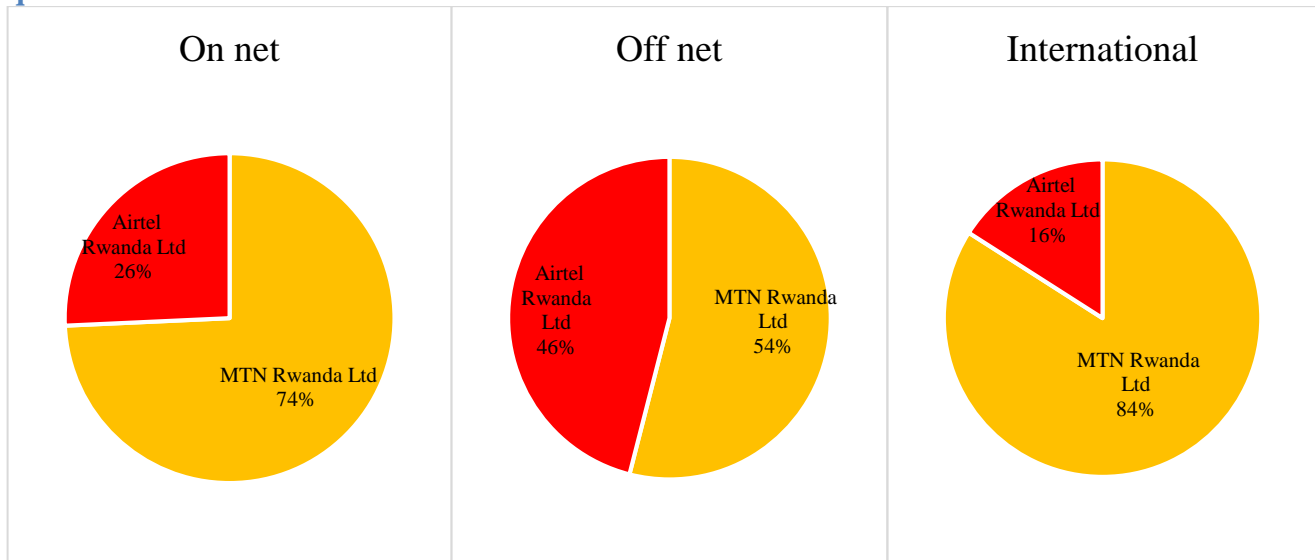
Voice traffic	MTN Rwanda Ltd	Airtel Rwanda Ltd	Total
Outgoing minutes			
On net	4,643,910,075	1,608,462,453	6,252,372,527
Off net	171,777,749	146,375,757	318,153,507
International	6,039,770	1,146,765	7,186,535
Incoming minutes			
International	7,036,455	12,707,435	19,743,890

Source: Operators’ reports

1.4.2. Market shares for mobile outgoing voice traffic

During the 1st quarter 2022, the 74% of the total on net minutes generated by mobile networks were from MTN Rwanda Ltd and 26% from Airtel Rwanda Ltd. The off net minutes ‘market shares for MTN Rwanda Ltd and Airtel Rwanda Ltd was 54% and 46% respectively. The 84% of minutes from local mobile networks to international networks are generated by MTN Rwanda Ltd whereas the remaining 16% are for Airtel Rwanda Ltd.

Figure 4: Outgoing on net, off net and international voice traffic’s market share as of the 1st quarter 2022



Source: Operators’ reports

1.4.3. Average calling time (Minutes/call)

During the first quarter 2022, the average minutes per call within mobile telecom networks was 2.4, average minutes per call to call other networks was 1.6 while the average minutes per call from Rwanda mobile networks to international networks was 2.3. Further, the average minutes per call from international networks to Rwanda mobile networks was 3.0.

Table 6: Average minutes per call per operator in the 1st quarter 2022

Voice traffic	MTN Rwanda Ltd	Airtel Rwanda Ltd	Combined
Average outgoing minutes per call			
On net	2.3	2.9	2.4
Off net	1.7	1.6	1.6
International	2.7	1.3	2.3
Average incoming minutes per call			
International	1.9	4.5	3.0

Source: Operators’ reports

1.4.4. Outgoing and incoming international SMS traffic

During the first quarter 2022, the total volume of SMS traffic originating within mobile networks was 867.2 million SMS, the total SMS traffic originating from mobile networks to other mobile networks was 8.7 million SMS and the total SMS traffic from mobile networks to international networks was 0.7 million SMS. The number of SMS from international networks to Rwanda was 1.6 million SMS.

Table 7: SMS traffic (in numbers) as of the first quarter 2022

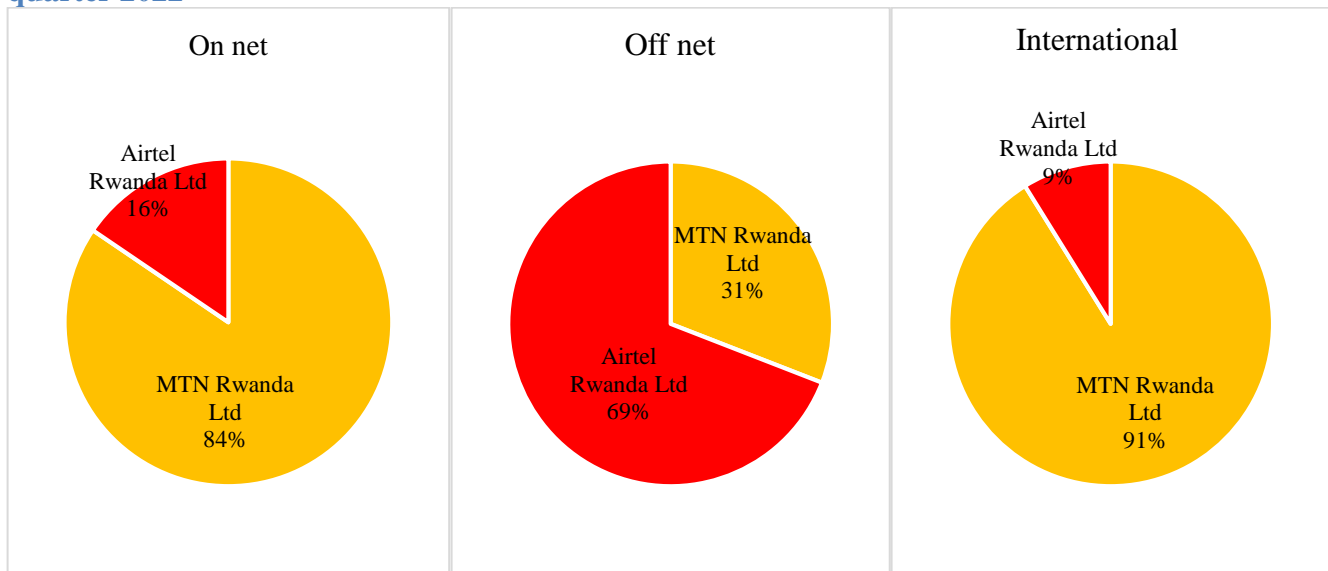
Destination	MTN Rwanda Ltd	Airtel Rwanda Ltd	Total
Outgoing SMS			
On net	732,791,533	134,485,649	867,277,182
Off net	2,701,671	6,041,049	8,742,720
International	718,307	69,736	788,043
Incoming SMS			
International	471,002	1,179,823	1,650,825

Source: Operators' reports

1.4.5. Market shares for outgoing on net, off net and international SMS traffic

During the 1st quarter 2022, the 84% of the total on net SMS were for MTN Rwanda Ltd and 16% of Airtel Rwanda Ltd. The 69% of off net SMS were for Airtel Rwanda Ltd and the 31% of MTN Rwanda Ltd. The 91% and 9% of SMS from local mobile networks to international networks are generated by MTN Rwanda Ltd and Airtel Rwanda Ltd respectively.

Figure 5: Outgoing on net, off net and international SMS traffic market share as of the first quarter 2022



Source: Operators' reports

2. ROAMING

2.1. Roaming subscribers

The international roaming subscribers during the first quarter of the year 2022 stood at 1.5 million foreign subscribers roamed on local networks whereas 1.0 million Rwanda subscribers roamed on foreign networks.

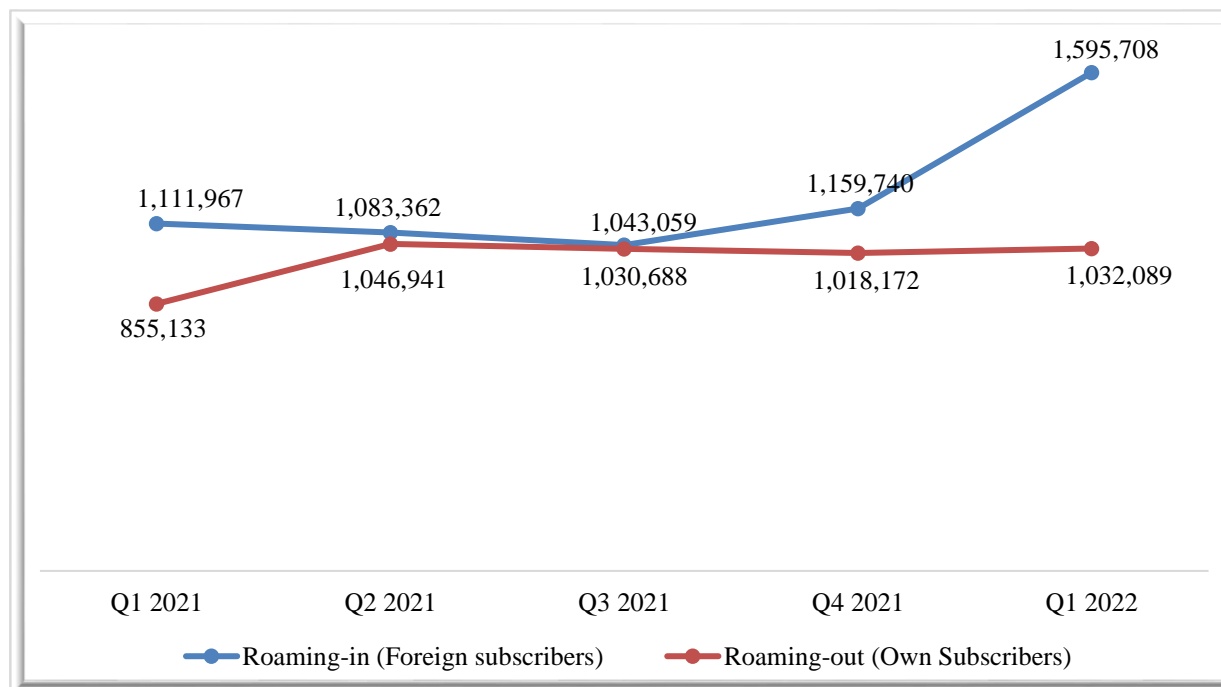
Table 8: International roaming subscribers as of the first quarter 2022

Destination	MTN Rwanda Ltd	Airtel Rwanda Ltd	Total
Roaming-in (Foreign subscribers)	772,270	823,438	1,595,708
Roaming-out (Own Subscribers)	825,623	206,466	1,032,089

Source: Operators' reports

During the first quarter 2022, the number of roamers-out increased to 1,032,089 from 1,018,172 subscribers representing an increase of 1.4% and the number of roamers-in increased to 1,595,708 from 1,159,740 subscribers recorded during the previous quarter, which is equivalent to 37.6 percent.

Figure 6: Trend of roaming subscribers from Q1 2021 to Q1 2022



Source: Operators' reports

2.2. Roaming traffic

During the 1st quarter 2022, the total volume of outgoing traffic generated by foreign subscribers roaming in Rwanda was 1.1 million minutes whereas the total minutes generated by Rwanda mobile networks' subscribers roamed outside the country was 1.0 million minutes. On the other hand, the total incoming traffic on foreign subscribers roamed in Rwanda was 21.1 million minutes and the incoming minutes to Rwanda subscribers roamed on foreign networks was 14.2 million.

Table 9: Outgoing and incoming roaming traffic (in minutes) per operator as of the first quarter 2022

Destination	Foreign subscribers roaming on local networks			Own subscribers roaming on foreign networks		
	MTN	Airtel	Total	MTN	Airtel	Total
Incoming	3,153,582	17,989,379	21,142,961	12,979,572	1,312,443	14,292,015
Outgoing	681,327	470,715	1,152,042	985,758	28,454	1,014,212
Total	3,834,909	18,460,094	22,295,003	13,965,330	1,340,897	15,306,228

Source: Operators' reports

3. FIXED TELEPHONE SERVICES

3.1. Fixed telephone subscriptions

During the first quarter 2022, the operators offering fixed telephone services were Liquid Telecom Ltd, MTN Rwanda Ltd, Airtel Rwanda Ltd and BSC Ltd that offers voice-over-IP (VoIP) subscriptions only.

Table 10: Fixed telephone subscriptions as of March 2022

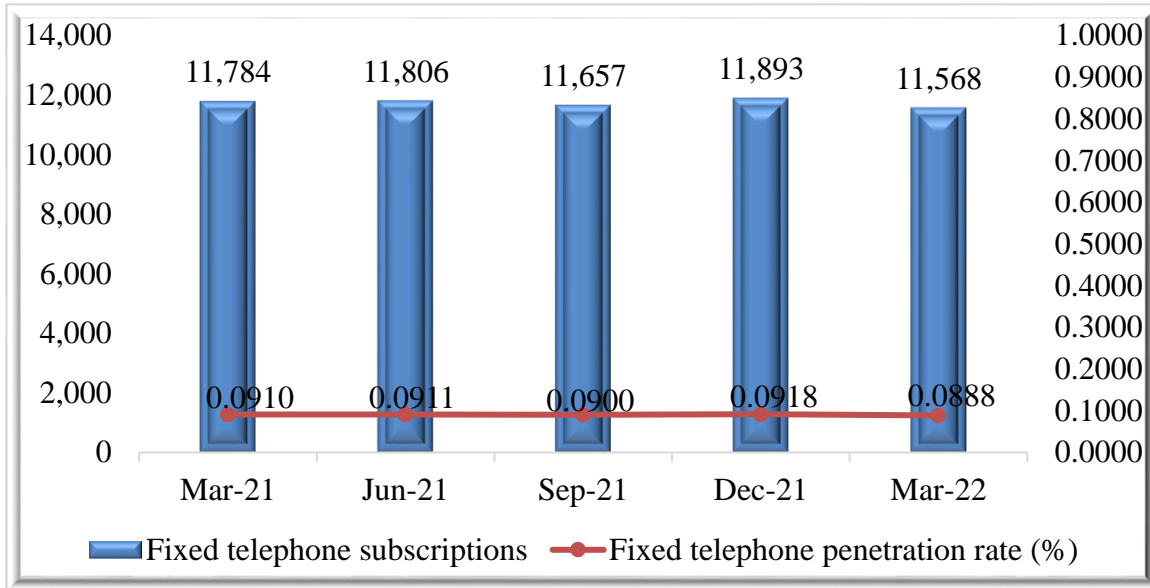
Name of Operator	Fixed telephone subscriptions	Fixed telephone penetration rate (%) ³
MTN Rwanda Ltd	180	0.0888
Airtel Rwanda Ltd	9,521	
Liquid Telecom Ltd	606	
BSC Ltd	1,261	
Total	11,568	

Source: Operators' reports

As of March 2022, the number of fixed telephone subscriptions decreased up to 11,568 from 11,784 reported at the end of the first quarter 2021. The fixed telephone subscriptions per 100 people also decreased to 0.0888% from 0.0918%.

³ Fixed telephone penetration rate (%) is computed with reference to the sum of active numbers of analogue-fixed telephone lines and VoIP over the Rwandan population as projected by National Institute of Statistics of Rwanda.

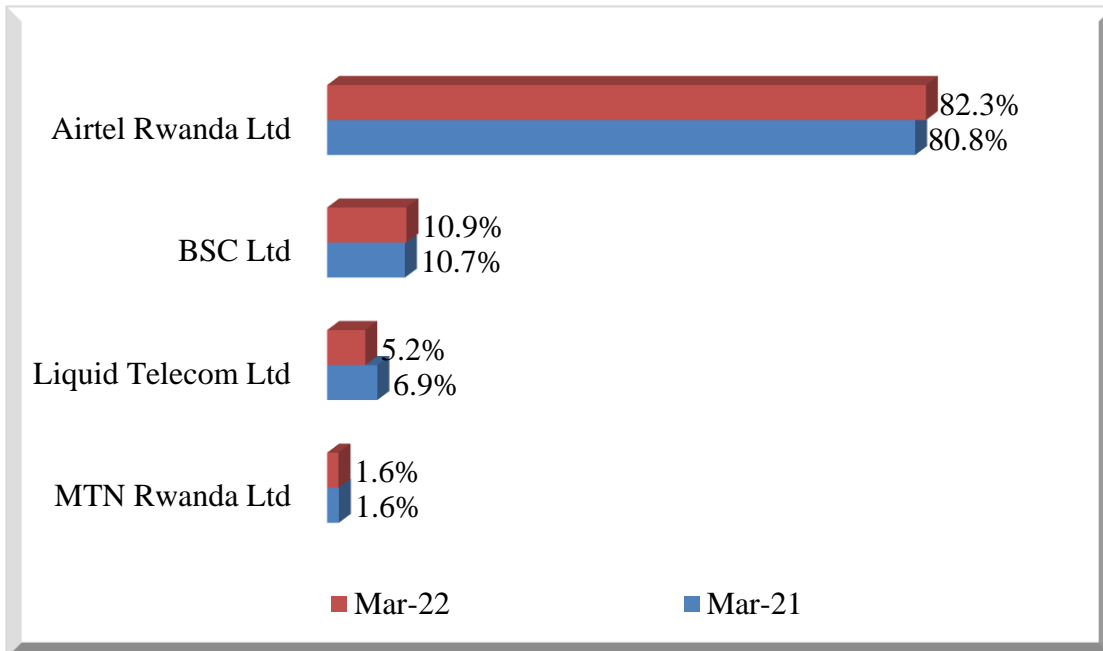
Figure 7: Trend of fixed telephone subscriptions and penetration rate



Source: Operators’ reports

As of March 2022, the market shares in fixed telephone subscriptions for Airtel Rwanda Ltd increased by 1.5 percentage points to 82.3 percent, and that for Liquid Telecom Ltd declined by 1.7 percentage points to 5.2 per cent. The market shares for BSC Ltd increased by 0.2 percentage points to 10.9 percent whereas that for MTN Rwanda Ltd remained constant at 1.6 per cent in comparison to the publications of the first quarter of 2021.

Figure 8: Market share trends for fixed telephone subscriptions per operator as of March 2022



Source: Operators’ reports

3.2. Fixed telephone traffic

During the 1st quarter 2022, the total volume of minutes originating within operators by fixed telephone lines was 0.8 million minutes, the total minutes originating from one operator to other operators was 0.2 million minutes, and the total minutes from Rwanda fixed telephone lines to international networks was 23,190 minutes. The number of minutes from international networks to local fixed telephone lines was 15,307 minutes.

Table 11: Outgoing mobile and fixed telephone incoming traffic as of 1st quarter 2022

Voice traffic	MTN Rwanda Ltd	Airtel Rwanda Ltd	Liquid Telecom Ltd	Total
Outgoing minutes				
On net	674,737	218,761	2,025	895,523
Off net	60,790	3,037	207,501	271,328
International	13,676	869	8,645	23,190
Incoming minutes				
International	14,722	0	585	15,307

Source: Operators' reports

3.3. Fixed telephone service tariff

During the 1st quarter 2022, the average tariff for calling by fixed telephone within telecom operator was 30 Frw, while calling across telecom operators was 36.7 Frw, and 196.1 Frw to call in One Area Network Countries.

Table 12: Fixed telephone service tariff structure (in Frw) per minute as of March 2022

Destination	Liquid Telecom Ltd	MTN Rwanda Ltd	Airtel Rwanda Ltd	Average
On net	10	45	35	30
Off net	30	45	35	36.7
ONA	408.28	90	90	196.1

Source: Operators' reports

4. INTERNET SERVICE PROVISION

4.1. Internet subscriptions⁴

There were 7,838,633 active SIM cards subscribed to the internet within 90 days and 34,501 active fixed internet subscriptions during the first quarter of year 2022. The table below shows the internet subscriptions per operator per technology.

Table 13: Internet subscriptions per category as of March 2022

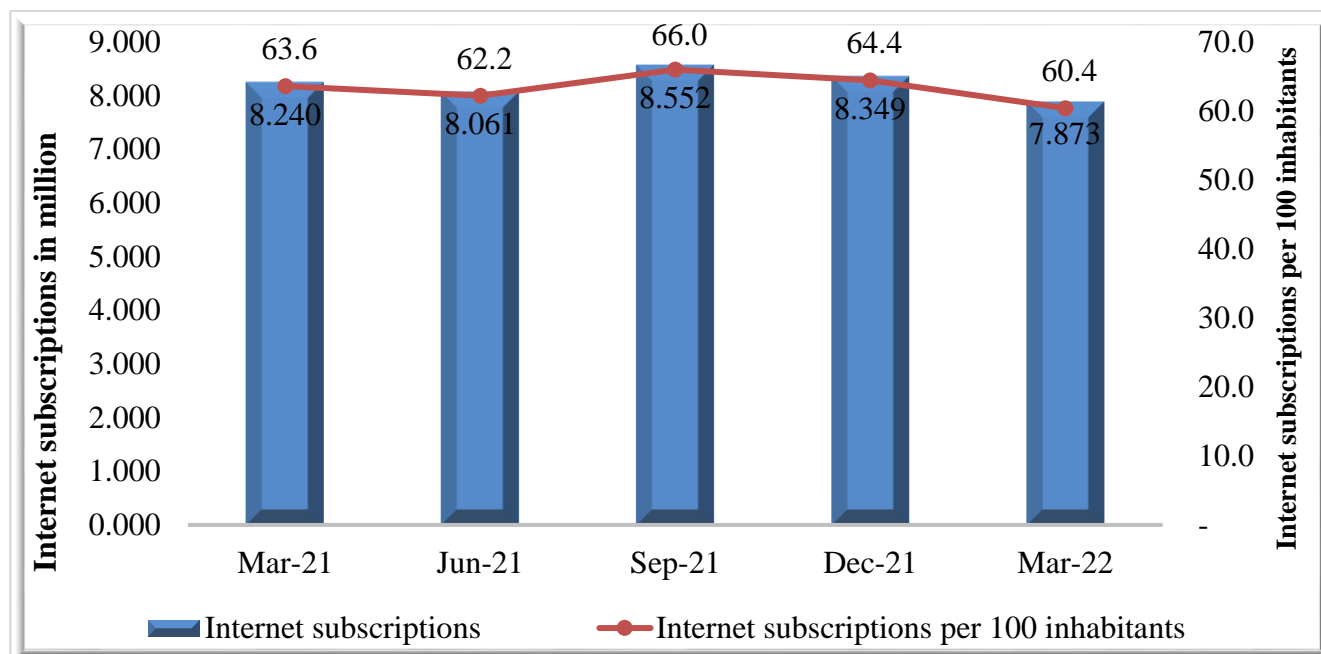
Name of operators	Fixed internet subscriptions		Mobile internet subscriptions			Total internet subscriptions
	Narrowband (≤ 256 kbps)	Broadband (≥ 256 kbps)	GPRS&EDGE	3G	4G	
MTN Rwanda Ltd	87	5,427	4,015,288	1,117,130	89,286	5,227,218
Airtel Rwanda Ltd		1,068	1,872,091	624,153	5,071	2,502,383
Axiom Networks Ltd		122				122
4NET AFRICA Ltd		2			72	74
BSC LTD		3,215			15,617	18,832
Liquid Telecom Ltd		10,938				10,938
CBNET Ltd		14			701	715
G-MAX Ltd		7			1,093	1,100
ISCO ISP Ltd		18			485	503
Net Link Ltd		2			817	819
Piramie INC		1			738	739
Simba Supermarket					125	125
KOPA Telecom		33			1,690	1,723
BK Techouse		133			788	921
FASTNET		10			5,189	5,199
Mango Telecom Ltd		16			79,876	79,892
POPCONN Ltd		12			3,968	3,980
RTN Ltd					1,827	1,827
Smart Broadband Ltd		1			370	371
TNSP		16			1,040	1,056
NETPRO Ltd					1,218	1,218
GVA Rwanda		13,379				13,379
Total	87	34,414	5,887,379	1,741,283	209,971	7,873,134
Penetration rate (%)	0.0	0.3	45.2	13.4	1.6	60.4

Source: Operators' reports

⁴ Internet subscriptions combine the number of active SIM cards (mobile internet) connected to the internet at least once within 90 days and active fixed internet subscriptions.

As of March 2022, the total number of internet subscriptions dropped by 4.5% to reach 7.87 million from 8.24 million for the first quarter 2021 whereas there was a decline of 5.7% compared to the fourth quarter of 2021. The internet subscriptions per 100 inhabitants for March 2022 decreased by 4.0 percentage points to 60.4% in comparison to the 4th quarter of 2021.

Figure 9: Trend of internet subscriptions and internet subscriptions per 100 inhabitants⁵



Source: Operators' reports

As of March 2022, the fixed internet subscriptions increased by 62.0% compared to the 1st quarter 2021. The 99.7% of total fixed internet subscriptions were subscribed to the speed greater or equal to 256 kbps while the 0.3% was below 256 kbps.

Table 14: Fixed internet subscriptions by speed

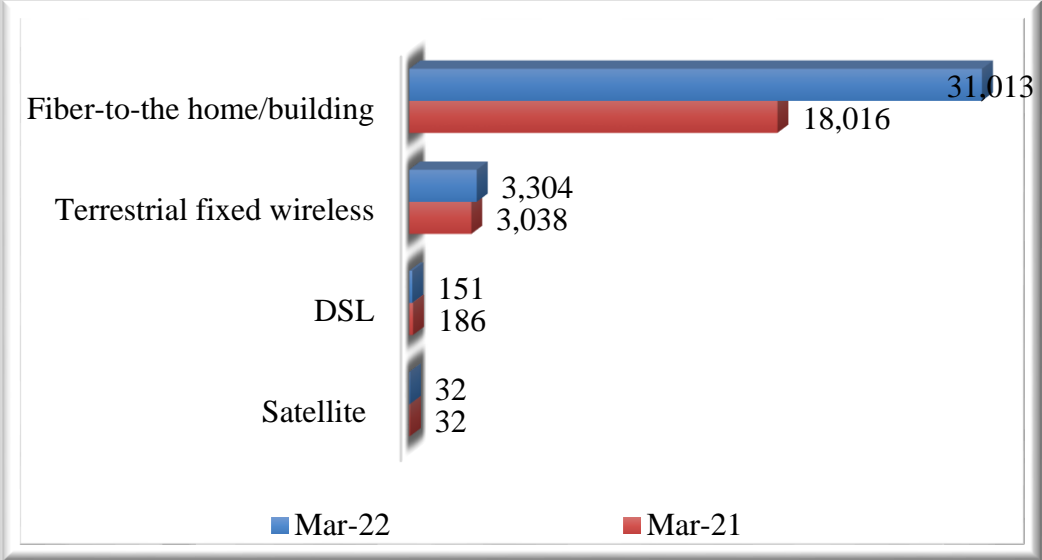
Speed	Fixed internet subscriptions	
	March 2021	March 2022
< 256 kbps	87	87
[256 kbps-2Mbps [1,747	1,607
[2 Mbps -10 Mbps [3,690	4,265
[10 Mbps-30Mbps [11,625	22,546
[30 Mbps < 100Mbps [3,964	5,728
≥ 100 Mbps	159	268
Total	21,272	34,501

Source: Operators' reports

⁵ Internet subscriptions per 100 inhabitants: This rate is the total internet subscriptions over the Rwandan population as projected by National Institute of Statistics of Rwanda.

During the period under review, the highest number of fixed internet subscriptions was connected to the fiber-to-the home/building, whereas the lowest fixed internet subscriptions are on satellite and DSL technology.

Figure 10: Fixed internet subscriptions by technology

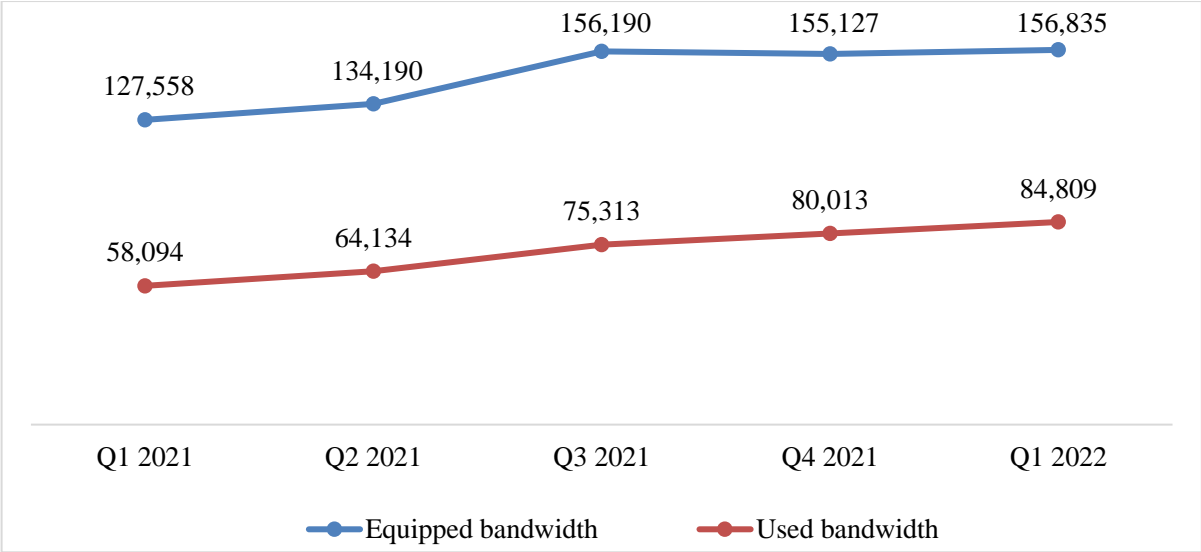


Source: Operators’ reports

4.2. International internet bandwidth

In the first quarter 2022, the total equipped international internet bandwidth available in the country was 156,835 Mbps whereas the average used internet bandwidth was 84,809 Mbps.

Figure 11: Trend of international internet bandwidth (Mbps) from Q1 2021 to Q1 2022

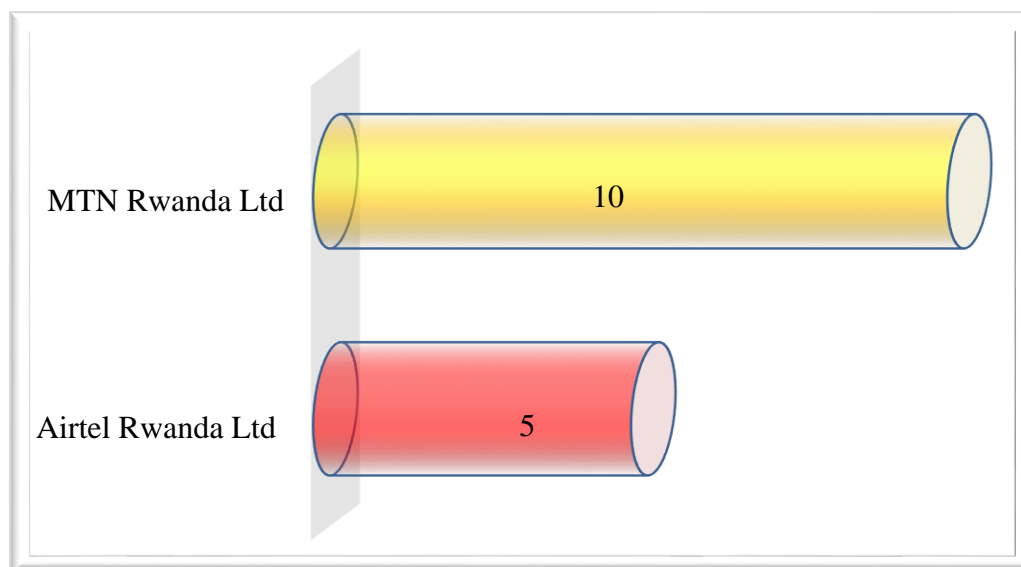


Source: Operators’ reports

4.3. Mobile internet tariff

In the first quarter 2022, the standard tariff for mobile internet per MB was at 10 Frw on MTN Rwanda Ltd and 5 Frw on Airtel Rwanda Ltd network.

Figure 12: Standard mobile internet tariff (Frw/MB) as of March 2022



Source: Operators' reports

5. TELECOMMUNICATION REVENUES AND INVESTMENT

Table 15: Trend of quarterly revenues (Frw) from Q2 2021 to Q1 2022

Category	Q2 2021	Q3 2021	Q4 2021	Q1 2022
Total Revenues for MNOs and Liquid Telecom Ltd	58,950,402,035	61,678,226,278	63,756,099,092	65,534,694,078
Total revenues for ISPs and Wholesale Network Service Provider	11,982,790,758	13,709,906,615	13,474,024,475	14,759,318,893
Total	70,933,192,793	75,388,132,893	77,230,123,567	80,294,012,970

Source: Operators' reports

Table 16: Trend of additional investment (Frw) made in the first quarter 2022

Category	Q2 2021	Q3 2021	Q4 2021	Q1 2022
Total investment for MNOs and Liquid Telecom Ltd	12,139,912,422	6,579,991,535	13,275,040,916	22,393,653,801
Total investment for ISPs and Wholesale Network Service Provider	370,652,560	451,433,066	609,632,013	1,610,141,050
Total	12,510,564,982	7,031,424,601	13,884,672,929	24,003,794,851

Source: Operators' reports

6. EMPLOYMENT IN TELECOMMUNICATION SECTOR

One thousand one hundred sixty-eight (1,168) persons were employed in telecommunication sector at the end of March 2022; one thousand seventy-four (1,074) are permanent staff whereas ninety-four (94) are temporary staff. There were also seven hundred eighty-one (781) outsourced staff employed by telecommunication sector. The table below illustrates the number of employed persons by operator.

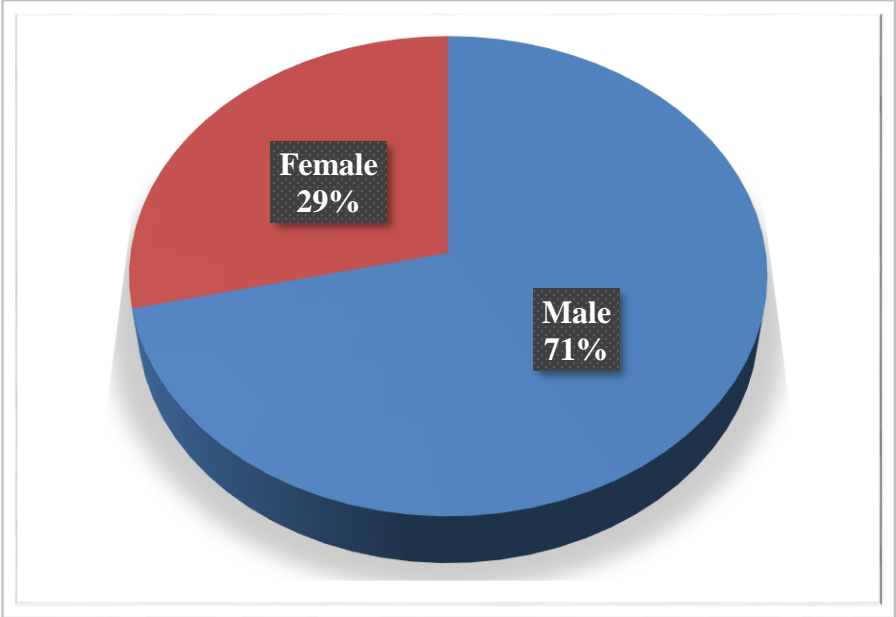
Table 17: Number of staff employed in telecommunication sectors as of March 2022

Operator	Type of contract			Gender		Domestic and foreign employees		Outsourced staff
	Temporary	Permanent	Total	Female	Male	Domestic	Foreign	
MTN Rwanda Ltd	7	306	313	100	213	308	5	462
Airtel Rwanda Ltd	0	126	126	16	110	123	3	226
Liquid Telecom Ltd	62	58	120	33	87	116	4	0
G-MAX	0	8	8	3	5	8	0	0
KOPA Telecom	1	10	11	4	7	11	0	1
Axiom Networks Ltd	0	26	26	8	18	24	2	0
4NetAfrica Ltd	0	6	6	3	3	6	0	0
TNSP	5	17	22	5	17	22	0	2
KTRN Ltd	0	115	115	27	88	112	3	0
Piramie INC	0	6	6	4	2	4	2	2
POPCONN Ltd	0	14	14	4	10	13	1	0
BSC Ltd	11	66	77	19	58	77	0	0
BCS Ltd	0	1	1	0	1	1	0	0
AC Group Ltd	0	38	38	10	28	38	0	0
FASTNET	0	6	6	3	3	6	0	4
ISCO ISP Ltd	0	2	2	1	1	2	0	0
SIMBA Supermarket	0	3	3	0	3	3	0	0
BK Techouse	5	34	39	5	34	38	1	0
Mango Telecom Ltd	0	141	141	63	78	140	1	0
NET LINK LTD	1	9	10	3	7	10	0	0
CBNET Ltd	2	1	3	1	2	3	0	0
RTN	0	20	20	6	14	20	0	0
Smart Broadband Ltd	0	4	4	0	4	4	0	0
NETPRO LTD	0	5	5	3	2	5	0	0
GVA Rwanda	0	52	52	14	38	51	1	84
Total	94	1,074	1,168	335	833	1,145	23	781

Source: Operators' reports

The three hundred thirty-five (335) staff representing 29% of the total staff are female whereas 71% are male as shown in the figure below. The four hundred and eleven persons (411) representing 53% per cent of the total outsourced staff are female.

Figure 13: Telecom staff by gender as of March 2022



Source: Operators' reports

7. MEDIA AND BROADCASTING

The table below illustrates the number of licensed Television Stations, FM Radio Broadcasters, Online Media Houses, Pay TV operators, print media houses, International media houses, and Signal Distributors up to the end of March of the year 2022.

7.1. Licensed media operators

During the first quarter of 2022, there was one (1) licensed signal distributors, four (4) pay TV operators, thirty (30) FM radio stations, twenty-one (21) television stations, fourteen (14) online media houses, eight (8) print media houses, and two (2) international media houses.

Table 18: Trends of Licensed media operators from March 2021 to March 2022

Category	Mar-2021	June-2021	Sep-2021	Dec-2021	Mar-2022
Signal distributors	1	1	1	1	1
Pay TV operators	4	4	4	4	4
FM Radio stations	30	30	30	31	30
Television stations	18	19	19	19	21
Online media houses	23	23	23	24	14
Print media houses	31	32	32	32	8
International media houses	3	3	3	3	2

Source: RURA database

7.2. Pay TV subscriptions

Registered Pay TV subscribers at the end of the first quarter 2022 was 399,649 whereas active subscribers were 113,067.

Table 19: Number of Pay TV subscribers as of March 2022

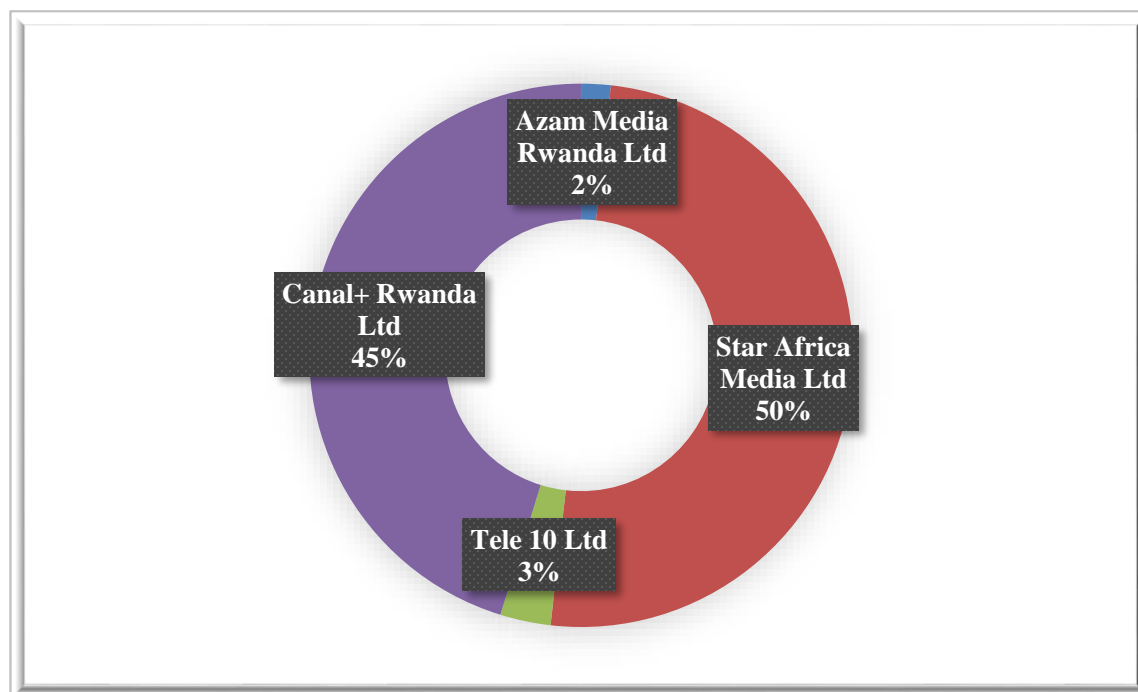
Name of Pay TV	Registered subscribers	Active ⁶ subscribers
Azam Media Rwanda Ltd	14,455	1,986
Star Africa Media Co., Ltd	295,262	56,573
Tele 10 Ltd	3,562	3,403
Canal+ Rwanda Ltd	100,825	51,105
Total	399,649	113,067

Source: Operators' reports

⁶ Active subscribers are the customers that generated revenues to the Pay TV operators during the reporting period.

At the end of March 2022, the market shares for Star Africa Media Co., Ltd in active Pay TV subscriptions was 50%, 45% for Canal+ Rwanda Ltd, 3% for Tele 10 Ltd, and 2% for Azam Media Rwanda Ltd.

Figure 14: Market share for Pay TV active subscribers per operator as of March 2022



Source: Operators' reports

7.3. Decoders sold

During the first quarter of the year 2022, the number of decoders sold by Pay TV operators have decreased to seventeen thousand two hundred thirty-one (17,231) from twenty-three thousand three hundred forty-nine (23,349) recorded in the previous quarter.

Table 20: Trend of decoders sold from 1st quarter 2021 to 1st quarter of 2022

Number of Decoders Sold	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022
Azam Media Rwanda Ltd	94	127	106	11	0
Star Africa Media Co., Ltd	4,219	6,231	5,141	5,419	5,240
Tele 10 Ltd	1,056	263	268	262	240
Canal+ Rwanda Ltd	11,617	12,423	8,324	17,657	11,751
Total	16,986	19,044	13,839	23,349	17,231

Source: Operators' reports

7.4. Pay TV staff

The total number of staff employed by Pay TV operators as of March 2022 was 170 of which 56.5% are employed by Star Africa Media Co., Ltd, 31.2% by Canal+ Rwanda Ltd, 9.4% by Tele 10 Ltd, and 2.9% are employed by Azam Media Rwanda Ltd. The sixty (60) staff representing 35.3% of the total staff are female.

Table 21: Number of staff employed in Pay TV operators as of March 2022

Operator	Staff per type of contract			Staff per gender		Domestic and foreign employees	
	Temporary	Permanent	Total	Female	Male	Domestic	Foreign
Azam Media Rwanda Ltd	0	5	5	2	3	4	1
Star Africa Media Co., Ltd	0	96	96	26	70	89	7
Tele 10 Ltd	0	16	16	7	9	16	0
Canal+ Rwanda Ltd	7	46	53	25	28	50	3
Total	7	163	170	60	110	159	11

Source: Operators' reports