

QUARTERLY STATISTICAL BULLETIN ON COMMUNICATIONS IN GHANA

Volume 10 Issue 2

NATIONAL COMMUNICATIONS AUTHORITY

SECOND QUARTER

APRIL - JUNE, 2025

Communications for Development

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LIST OF ABBREVIATIONS

BWA	Broadband Wireless Access
LTE	Long-Term Evolution
FM	Frequency Modulation
GB	Gigabytes
GH₵	Ghana Cedi
GHp	Ghana pesewas
MB	Megabytes
MNO	Mobile Network Operator
MoU	Minutes of Use
NCA	National Communications Authority
SMS	Short Message Service
TV	Television
TB	Terabytes

VISION AND MISSION

Vision

A world-class communications regulator that facilitates innovative, reliable and sustainable communication solutions to meet stakeholders' expectations.

Mission

Moving from Good to a Great Regulator; An innovative, agile, professional, and proactive Regulator, adaptive to emerging changes in the communication and digital ecosystem and delivering optimally to all stakeholders.

Core Values

- Teamwork
- Accountability
- Consistency
- Trust
- Innovation
- Transparency

Tag Line/Slogan – Communications for Development

INTRODUCTION

This Quarterly Statistical Bulletin on Communications is a reference document that entails segregated data, industry trends and analysis of the communications sector of Ghana. The purpose of this document is to promote open and enriched public discussions on policies for telecom analysts, consumers, academia, policy makers, investors and other stakeholders for decision-making.

This bulletin is prepared from the monthly data received from various licensees[1]*and authorization holders.*

The publication of this bulletin is consistent with the National Communications Authority's mandate under section 26 (2) (a) of the Electronic Communications Act 2008, Act 775; "to publish the result of research that it carries out or that is carried out on its behalf on its website and in any other manner that it considers appropriate to bring the results to the attention of the public".

[1] MTN, Telecel, AT, Telesol,

DEFINITION OF TERMS

Average SMS per subscription - This metric is determined by dividing the total SMS count (OnNet and OffNet) for the quarter by the total average number of mobile subscriptions for that quarter.

Broadband Wireless Access (BWA) - Refers to mobile data subscriptions connected to high-speed internet access via fixed wireless technologies (LTE) that generated internet traffic (uploaded and/ or downloaded data) in the last ninety (90) days.

BWA Data Usage per Subscription - This is calculated by dividing the BWA's total traffic for the quarter by its total average subscriptions for that quarter.

Cellular network or mobile network – refers to a communication network where the last mile connection is wireless. The network is distributed over land areas called cells, each served by at least one fixed-location transceiver, known as a cell site or base station. This base station provides the cell with network coverage, which can be used for transmission of voice, data, and others.

Fixed-line network - The term refers to all of the wired networks that are used for voice and data communications. A fixed-line can be seen as a connection to an end-user, by means of a cable, through which they can make phone calls or connect to the Internet.

Minutes of Use per Subscription - It is calculated by dividing the total voice traffic in minutes for the quarter by the total average subscriptions for that quarter.

Machine-to-Machine Subscriptions - Refers to the number of mobile-cellular machine-to-machine subscriptions assigned for data exchange between devices (cars, smart meters, consumer electronics) that are not part of a consumer subscription.

Basic Phones - Refers to a voice-centric mobile device with limited data functionality, typically operating on 2G/3G networks and lacking sophisticated OS or app ecosystem. It primarily supports voice calls and SMS

Feature Phones - A class of mobile phones that support limited multimedia functions (camera, FM Radio, MMS) and may have basic limited internet access (WAP, GPRS) but not full web browsing. It often uses proprietary OS.

Smartphones - A class of mobile phones with powerful computing capability, heterogenous connectivity and advanced operating system providing a platform for third-party applications

Mobile Voice Subscriptions – Refers to the number of active mobile voice subscriptions on mobile networks that generated voice traffic (outgoing and / or incoming calls) in the last ninety (90) days**.**

Mobile Data Subscriptions - refers to active mobile data subscriptions to GPRS, EDGE, UMTS and LTE that have generated internet traffic (uploaded and/ or downloaded data) within the last ninety (90) days.

Mobile Data Usage per Subscription - It is calculated by dividing the total volume of data traffic for the quarter by the total average mobile data subscriptions for that quarter.

Mobile Penetration or Teledensity – This represents the total number of mobile subscriptions per 100 inhabitants in a geographical area.

Net Addition – It refers to the difference between mobile voice/data subscriptions added to the network and mobile voice/data subscriptions churned from the network during the month.

On-Net traffic - refers to phone calls made to a recipient on the same network as the caller.

Off-Net traffic - refers to phone calls made to a recipient on a different network.

Quarter-on-quarter – This is a comparison of the quarter under review with the preceding quarter.

Q1 – First Quarter (January – March)

Q2 – Second Quarter (April – June)

Q3 – Third Quarter (July – September)

Q4 – Fourth Quarter (October – December)

Year-on-year – This compares the current period (month, quarter etc.) to the same period last year.

THE COMMUNICATIONS INDUSTRY AT A GLANCE[2]

Indicator/Period		Q1 2025 (Jan - Mar)	Q2 2025 (Apr - Jun)	Quarterly Variation (%)
MOBILE NETWORK SERVICES				
Subscription to Mobile Voice Services	Total Mobile Voice Subscriptions	39,970,301	41,078,883	2.77%
	Machine-to-Machine (M2M) Subscriptions	2,835,577	3,301,900	16.45%
Mobile Data Subscriptions	Total Mobile Data Subscriptions	26,717,143	27,247,268	1.98%
Mobile Data Traffic	Total Mobile Data Traffic (TB)	755.27	923.35	22.25%
Mobile Phone Devices	Basic Phones	6,348,477	6,595,737	3.89%
	Feature Phones	10,495,239	10,328,864	-1.59%
	Smartphones	23,685,752	24,188,976	2.12%
DOMESTIC MOBILE TRAFFIC				
Domestic Mobile Voice Traffic (Minutes)	On-Net Voice Traffic	26,526,119,974	25,943,641,908	-2.20%
	Off-Net Voice Traffic	2,467,034,837	2,658,614,341	7.77%
	Mobile to Mobile Off-Net Traffic	2,456,182,273	2,649,268,014	7.86%
	Mobile to Fixed Off-Net Traffic	10,852,564	9,346,327	-13.88%
Domestic Mobile SMS Traffic	SMS On-Net	1,095,930,867	2,102,646,295	91.86%
	SMS Off-Net	705,902,360	751,314,479	6.43%
INTERNATIONAL MOBILE TRAFFIC				
International Mobile Voice Traffic (Minutes)	International Incoming Mobile Voice Traffic	41,329,257	40,574,561	-1.83%
	International Outgoing Mobile Voice Traffic	104,246,439	83,599,789	-19.81%
International SMS Traffic	International Incoming SMS	84,659,826	81,223,130	-4.06%
	International Outgoing SMS	45,495,121	49,970,344	9.84%
ROAMING TRAFFIC				
Out-bound Roaming Traffic	Out-bound Roaming Voice Traffic (Minutes)	1,545,562	1,814,670	17.41%
In-Bound Roaming Traffic	In-bound Roaming Incoming Voice Traffic (Minutes)	8,408	5,554	-33.94%
	In-bound Roaming Outgoing Voice Traffic (Minutes)	12,692,680	19,518,676	53.78%
	In-Bound Roaming Incoming SMS	127,097,540	143,499,810	12.91%
	In-bound Roaming Outgoing SMS	7,383,300	8,138,371	10.23%

2 The decimals may not be exact due to the rounding-off of the actual figures.

<table>
<tr><th colspan="2">Indicator/Period</th><th>Q1 2025
(Jan – Mar)</th><th>Q2 2025
(Apr – Jun)</th><th>Quarterly Variation (%)</th></tr>
<tr><td colspan="5">FIXED NETWORK SERVICES</td></tr>
<tr><td>Fixed Voice Subscriptions</td><td>Total Fixed Line Subscriptions</td><td>267,881</td><td>267,332</td><td>-0.20%</td></tr>
<tr><td>Domestic Fixed Voice Traffic (Minutes)</td><td>Fixed-to-Mobile</td><td>5,877,397</td><td>5,870,022</td><td>-0.13%</td></tr>
<tr><td rowspan="3">Fixed Data and Broadband Subscriptions and Traffic</td><td>Total Fixed Line Data Subscriptions</td><td>133,872</td><td>145,218</td><td>8.48%</td></tr>
<tr><td>Fixed Broadband Subscriptions</td><td>227,350</td><td>236,479</td><td>4.02%</td></tr>
<tr><td>Fixed Broadband Traffic (TB)</td><td>112,174</td><td>119,411</td><td>6.45%</td></tr>
<tr><td colspan="5">BROADCASTING SERVICES</td></tr>
<tr><td colspan="2">Authorised TV Stations</td><td>184</td><td>182</td><td>-1.09%</td></tr>
<tr><td colspan="2">Operational TV Stations</td><td>134</td><td>136</td><td>1.49%</td></tr>
<tr><td colspan="2">Licensed FM Stations</td><td>769</td><td>763</td><td>-0.78%</td></tr>
<tr><td colspan="2">Operational FM Stations</td><td>523</td><td>539</td><td>3.06%</td></tr>
<tr><td colspan="5">CATEGORIES OF AUTHORISED FM STATIONS</td></tr>
<tr><td colspan="2">Commercial FM Stations</td><td>556</td><td>548</td><td>-1.44%</td></tr>
<tr><td colspan="2">Public FM Stations</td><td>31</td><td>31</td><td>0.00%</td></tr>
<tr><td colspan="2">Public (Foreign) FM Stations</td><td>5</td><td>5</td><td>0.00%</td></tr>
<tr><td colspan="2">Community FM Stations</td><td>156</td><td>155</td><td>-0.64%</td></tr>
<tr><td colspan="2">Campus FM Stations</td><td>24</td><td>24</td><td>0.00%</td></tr>
<tr><td colspan="5">BROADBAND WIRELESS ACCESS SERVICES (BWAs)</td></tr>
<tr><td colspan="2">Broadband Wireless Access Subscriptions</td><td>1,454</td><td>1,454</td><td>0.00%</td></tr>
<tr><td colspan="2">Broadband Wireless Access Data Traffic (TB)</td><td>141.62</td><td>115.11</td><td>-19.01%</td></tr>
<tr><td colspan="5">PENETRATION RATE (%)</td></tr>
<tr><td colspan="2">Mobile Voice Subscriptions</td><td>120.19</td><td>122.92</td><td>2.73</td></tr>
<tr><td colspan="2">Mobile Data Subscriptions</td><td>80.34</td><td>81.53</td><td>1.19</td></tr>
<tr><td colspan="2">Fixed Voice Subscriptions</td><td>0.81</td><td>0.8</td><td>-0.01</td></tr>
<tr><td colspan="2">Fixed Data Subscriptions</td><td>0.4</td><td>0.43</td><td>0.03</td></tr>
<tr><td colspan="2">Broadband Wireless Access (BWA) Subscriptions</td><td>0.004</td><td>0.004</td><td>0.00</td></tr>
</table>

1.0 MOBILE NETWORK

There are three (3) Mobile Network Operators (MNOs) in Ghana namely AT, MTN and Telecel. This section will focus on the monthly data submitted from April-June 2025 by MNOs.

This section provides details on the performance of the MNOs in Ghana by focusing on Mobile Voice and Mobile Data Subscriptions, Net Additions to Mobile Voice and Mobile Data Subscriptions, Mobile Voice and Mobile Data Penetrations, Volumes of Mobile Voice and Mobile Data Traffic, Average Revenue per User and Short Messages Services.

1.1 Mobile Voice Subscriptions and Penetration Rate[3]

Mobile Voice subscriptions in the country increased from 39.97 million in Q1 2025 to 41.08 million at the end of Q2 2025, representing a growth of 2.77%.

Year-on-Year subscriptions also increased from 37.55 million at the end of Q2 2024 to 41.08 million at the end of Q2 2025, recording a growth rate of 9.39%.
The penetration rate at the end of the quarter under review was 122.92% as compared to 120.19% recorded in Q1 2025, indicating an increase of 2.72% growth. (Figure 1) (Appendix A, Table 1)

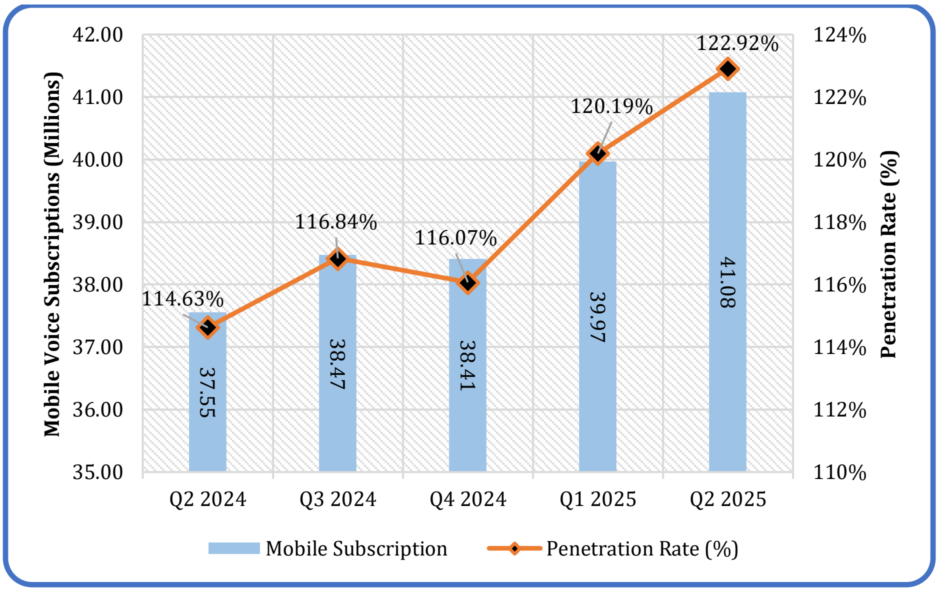

Figure 1: Mobile Voice Subscription and Penetration Rate

1.1.1 Mobile Voice Subscriptions and Market Share per Operator

At the end of Q2 2025, MTN had a market share of 73.67% with 30.26 million subscriptions.
Telecel followed with 7.63 million subscriptions (18.57%). AT ended the quarter under review with a market share of 7.76% with subscriptions of 3.19 million (Figure 2) (Appendix A, Table 2).

[3] The mobile penetration rate is estimated by dividing the total number of mobile subscribers by the total population.

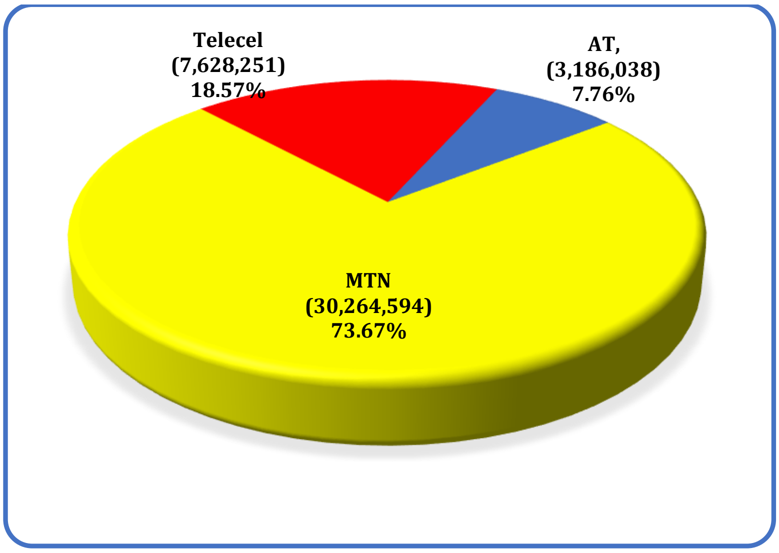

Figure 2: Market Share per Operator

1.1.2 Quarter-on-Quarter Market Share per Operator in Percentage

MTN's market share declined by 0.18% from 73.86% in Q1 2025 to 73.67% in Q2 2025. Telecel recorded a growth of 0.31% from 18.26% in Q1 2025 to 18.57% in Q2 2025. AT's market share decreased by 0.13% from 7.89% in Q1 2025 to 7.76% in Q2 2025.

1.1.3 Prepaid and Postpaid Mobile Voice Subscriptions

Prepaid voice subscriptions were 40.57 million, representing a market share of 98.77%. Postpaid subscriptions at the end of the quarter under review were 0.50 million, with a market share of 1.23%. (Figure 3) (Appendix A, Table 3).

Prepaid voice subscriptions increased from 39.52 million at the end of Q1 2025 to 40.57 million at the end of Q2 2025, representing an increase of 2.66%.

Postpaid voice subscriptions also increased from 0.45 million in Q1 2025 to 0.50 million in Q2 2025 representing an increase in growth of 12.36%.

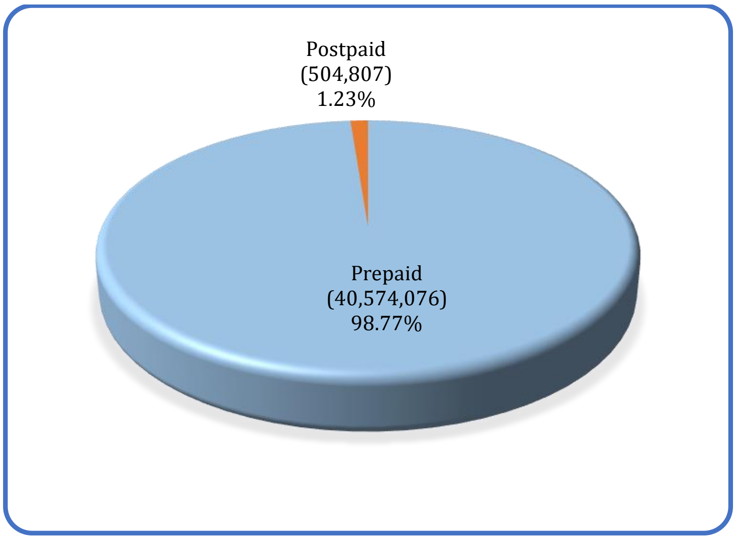

Figure 3: Prepaid and Postpaid Mobile Voice Subscriptions

1.2 Domestic Voice Traffic

1.2.1 On-Net Domestic Voice Traffic

On-Net Domestic Mobile Voice Traffic decreased from 26.53 billion minutes in Q1 2025 to 25.94 billion minutes at the end of Q2 2025, representing a decline of 2.20%.

Year-on-Year On-Net Domestic Mobile Voice Traffic also increased from 25.90 billion minutes in Q2 2024 to 25.94 billion minutes at the end of Q2 2025 representing a 0.27% increase in growth rate. (Figure 4) (Appendix A, Table 4)

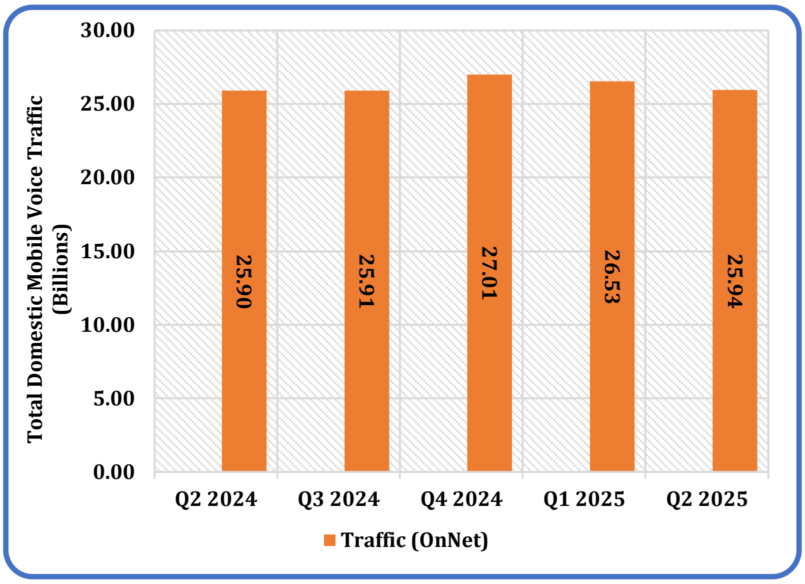

Figure 4: On-Net Traffic Domestic Mobile Voice Traffic

1.2.2 Off-Net Domestic Voice Traffic

Mobile-to-Mobile Off-Net Traffic increased from 2.46 billion minutes at the end of Q1 2025 to 2.65 billion at the end of Q2 2025, recording a growth of 7.86%.

Year-on-Year Mobile-to-Mobile Off-Net Traffic increased from 1.94 billion minutes at the end of Q2 2024 to 2.65 billion minutes at the end of Q2 2025, recording an increase in growth by 36.34%.

Quarter-on-Quarter Mobile-to-Fixed Off-Net Traffic decreased from 10.85 billion minutes in Q1 2025 to 9.35 billion minutes at the end of Q2 2025, indicating a 13.88% decrease in growth rate.

Year-on-Year Mobile-to-Fixed Off-Net Traffic decreased by 26.93% from 12.79 billion minutes at the end of Q2 2024 to 9.35 billion minutes at the end of Q2 2025. (Figure 5) (Appendix A, Table 5)

In the quarter under review, Off-Net Domestic Mobile Voice Traffic increased from 2.47 billion minutes at the end of Q1 2025 to 2.66 billion minutes at the end of Q2 2025, recording a growth rate of 7.77%.

Year-on-Year Off-Net Domestic Mobile Voice Traffic increased from 1.96 billion minutes in Q2 2024 to 2.66 billion minutes at the end of Q2 2025 representing a 35.93% growth rate.

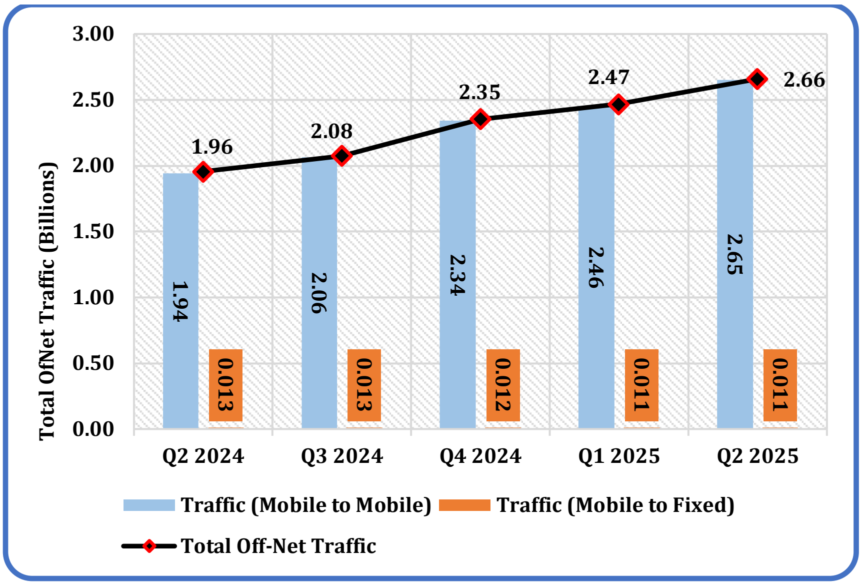

Figure 5: Off-Net Traffic Distribution between Mobile and Fixed Networks

1.2.3 Total Domestic Mobile Voice Traffic

Total Domestic Mobile Voice Traffic declined by 1.35% from 28.99 billion minutes in Q1 2025 to 28.60 billion minutes in Q2 2025.

Year-on-Year Total Domestic Mobile Voice Traffic increased from 27.86 billion minutes at the end of Q2 2024 to 28.60 billion minutes at the end of Q2 2025, representing an appreciable growth rate of 2.66%. (Figure 6) (Appendix A, Table 5)

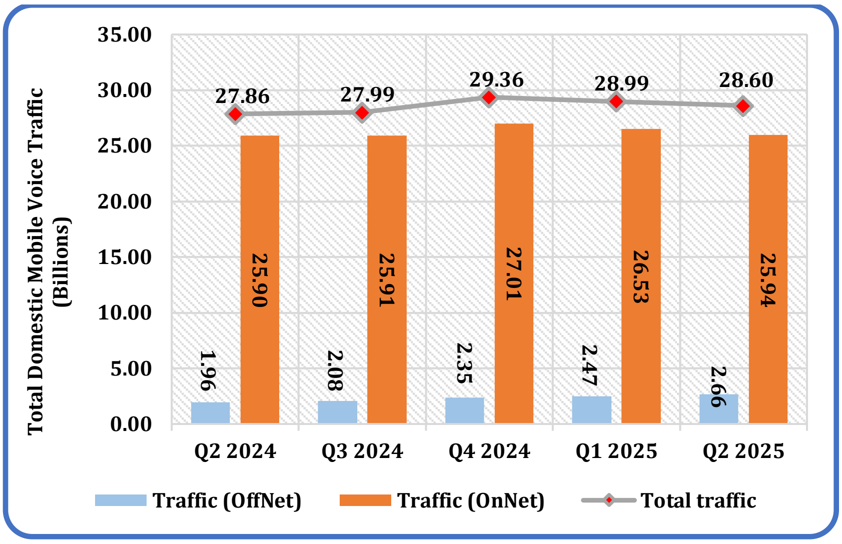

Figure 6: Total Domestic Mobile Voice Traffic in Billions of Minutes

1.2.4 Total Domestic Mobile Voice Traffic per Operator

At the end of Q2 2025, MTN recorded the highest volume of Mobile Voice traffic of 26.53 billion minutes with a market share of 92.74%. Telecel also generated 1.99 billion minutes of Mobile Voice traffic with a market share of 6.97%. AT recorded the least Mobile Voice traffic of 0.08 billion minutes with a market share of 0.29%. (Figure 7) (Appendix A, Table 6)

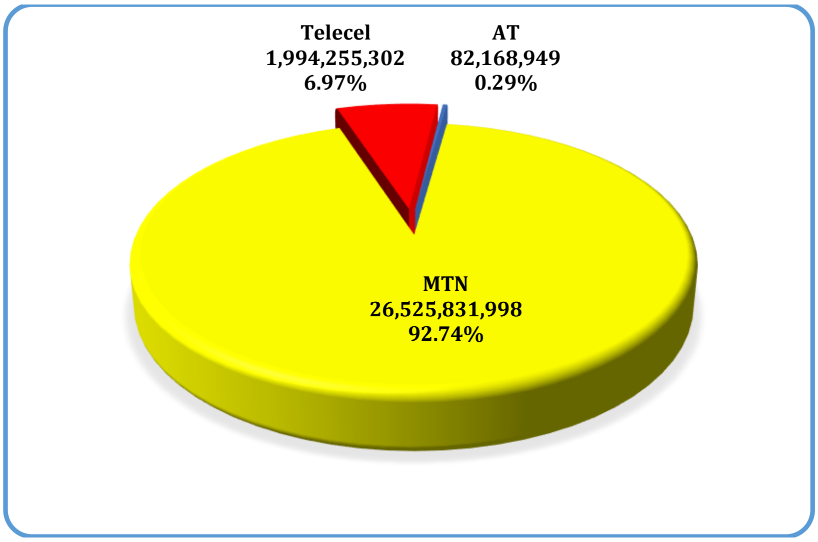

Figure 7: Total Domestic Mobile Voice Traffic per Operator

1.2.5 International Traffic

Inbound International Traffic decreased by 1.83% from 41.33 million minutes in Q1 2025 to 40.57 million minutes in Q2 2025.

Year-on-Year Inbound International Traffic, however, increased by 17.09% from 34.65 million minutes in Q2 2024 to 40.57 million minutes in Q2 2025.

Quarter-on-Quarter Outbound International Traffic showed a decrease in growth by 19.81% from 104.25 million minutes in Q1 2025 to 83.60 million minutes in the quarter under review.

Year-on-Year Outbound International Traffic showed a 44.54% increase in growth from 57.84 million in Q2 2024 to 83.60 million in Q2 2025. (Figure 8) (Appendix A, Table 7)

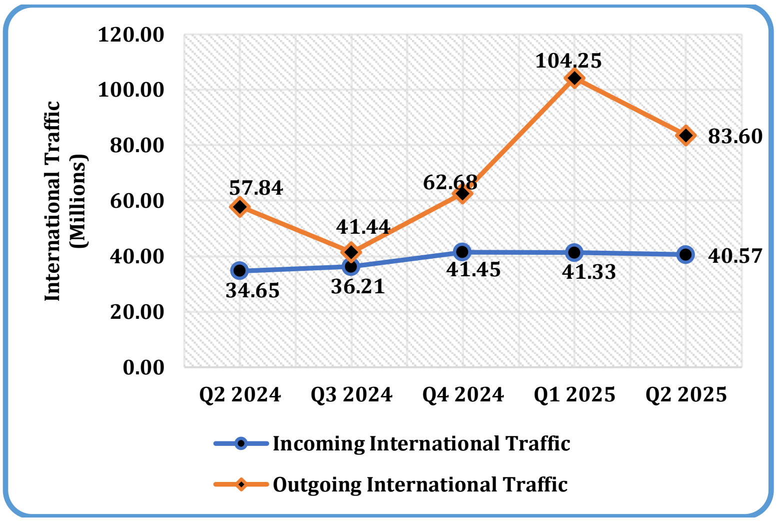

Figure 8: International Traffic in Millions of Minutes

1.2.6 Minutes of Use (MoU)

Quarter-on-Quarter average minutes of use per subscription decreased from 733.02 minutes in Q1 2025 to 703.24 minutes representing 4.06% decline in growth recorded at the end of Q2 2025.

Minutes of use per subscription recorded in the same period of 2024 also decreased from 762.80 minutes to 703.24 minutes in Q2 2025, recording a reduction in growth by 7.81%. (Figure 9) (Appendix A, Table 8).

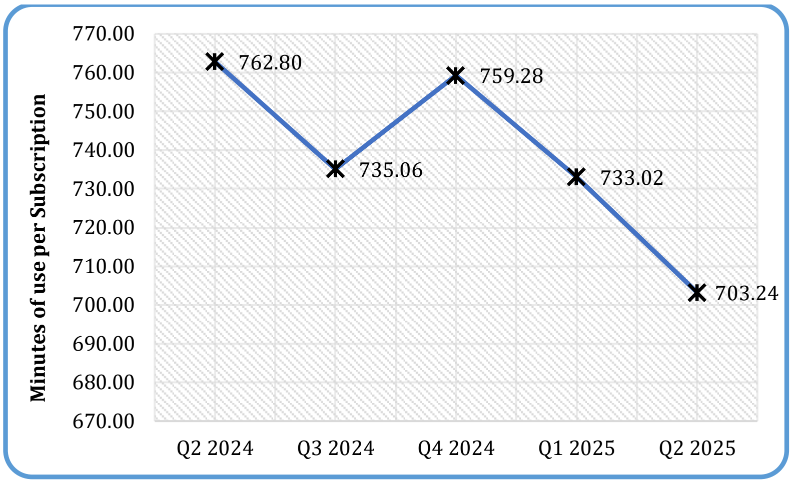

Figure 9: Mobile Voice Traffic Minutes of Use (MoU) per subscription

1.3 Short Message Services (SMS)

The total number of Short Message Services (SMS) sent at the end of Q2 2025 was 2.85 billion as compared to 1.80 billion in Q1 2025, recording an increase in growth by 58.39%.

Year-on-Year total SMS Counts also increased from 0.79 billion in Q2 2024 to 2.85 billion at the end of Q2 2025 representing an increase in growth by 259.42%. (Figure 10) (Appendix A, Table 9)

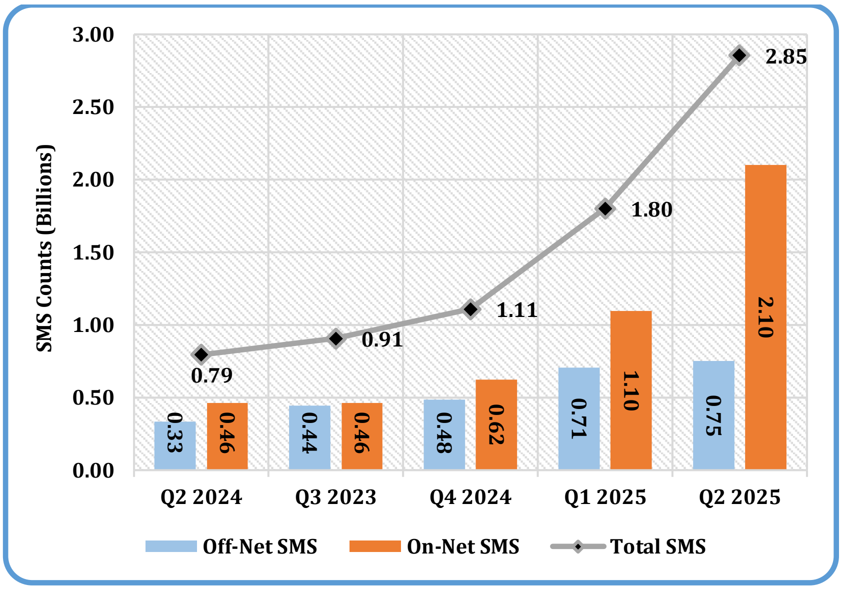

Figure 10: Total Number of SMS in Billions

1.3.1 SMS Counts per Operator

The volume of SMS traffic originating from MTN was 2.12 million at the end of Q2 2025, representing a market share of 74.36% of the total SMS count.

The volume of SMS traffic from Telecel was 0.72 billion, representing a market share of 25.10% of the total SMS count.

AT had an SMS count of 0.02 billion, representing 0.54% of the market share of the total SMS count. (Figure 11) (Appendix A, Table 10).

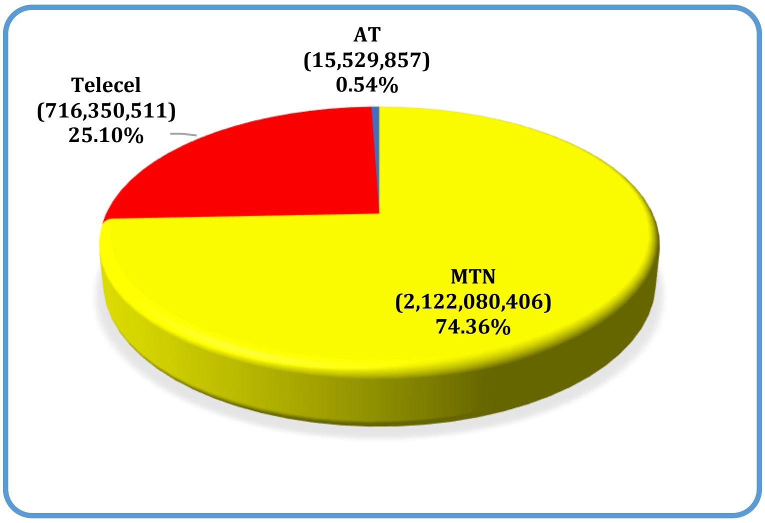

Figure 11: SMS Counts Market Share per Operator

1.3.2 SMS per Subscription

Quarter-on-Quarter SMS sent per subscription at the end of Q2 2025 was 70 SMS, indicating a 54.14% increase in SMS per subscription as compared to the end of Q1 2025 (45). (Figure 12) (Appendix A, Table 11).

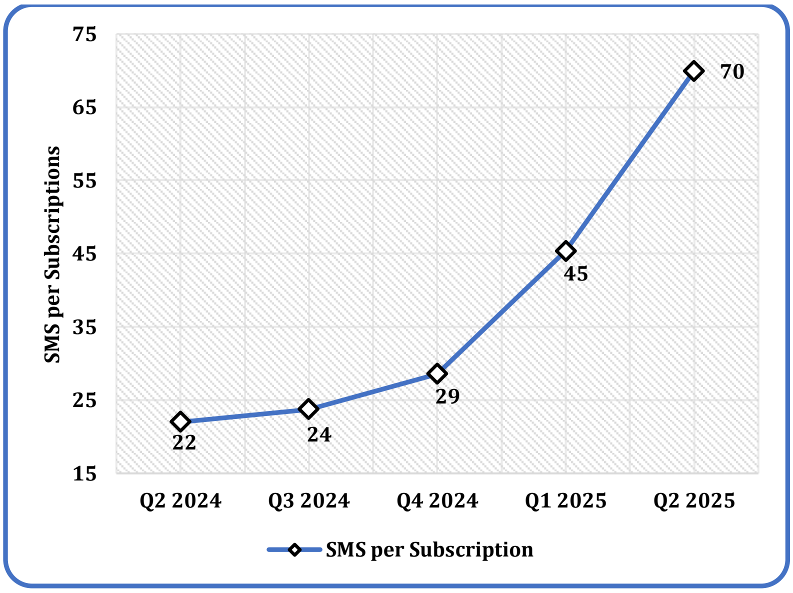

Figure 12: SMS per Subscription

1.4 Mobile Data Subscriptions and Penetration Rate (%)

At the end of Q2 2025, Mobile Data Subscriptions increased by 1.98% from 26.72 million at the end of Q1 2025 to 27.25 million.

Year-on-Year subscriptions also increased by 10.27% from 24.71 million at the end of Q2 2024 to 27.25 million at the end of Q2 2025. The penetration rate as at the end of Q2 2025 was 81.53%. (Figure 13) (Appendix A, Table 12).

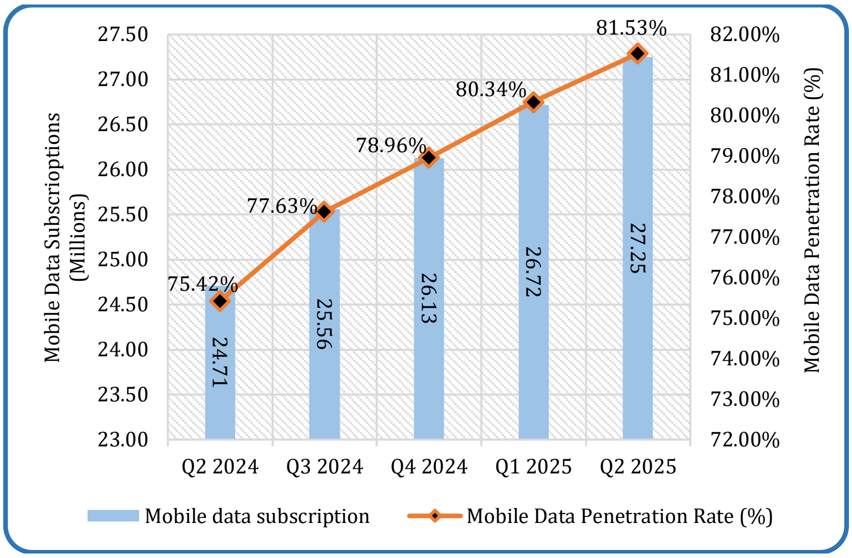

Figure 13: Mobile Data Subscriptions in Millions and Penetration Rate (%)

1.4.1 Machine-to-Machine Subscriptions

The Machine-to-Machine mobile subscriptions (M2M) increased to 3.30 million in Q2 2025 from 2.84 million recorded in Q1 2025, indicating growth of 16.45%.

Year-on-Year subscriptions increased by 89.19% from 1.75 million in Q2 2024 to 3.30 million in Q2 2025 (Figure 14) (Appendix A, Table 13).

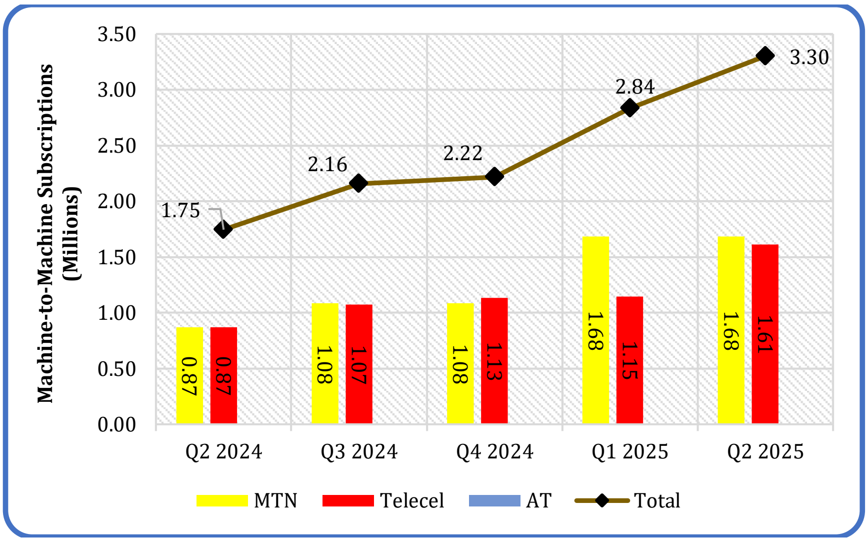

Figure 14: Machine-to-Machine (M2M) Subscriptions

1.4.2 Mobile Data Prepaid and Postpaid Subscriptions

Mobile Data Prepaid subscriptions increased from 26.49 million at the end of Q1 2025 to 27.00 million subscriptions at the end of Q2 2025, representing a market share of 99.08% of the total Mobile Data subscriptions.

Mobile Data Postpaid subscriptions also increased from 226,826 at the end of Q1 2025 to 249,613 at the end of Q2 2025 representing a market share of 0.92% of the total Mobile Data subscriptions. (Figure 15) (Appendix A, Table 14).

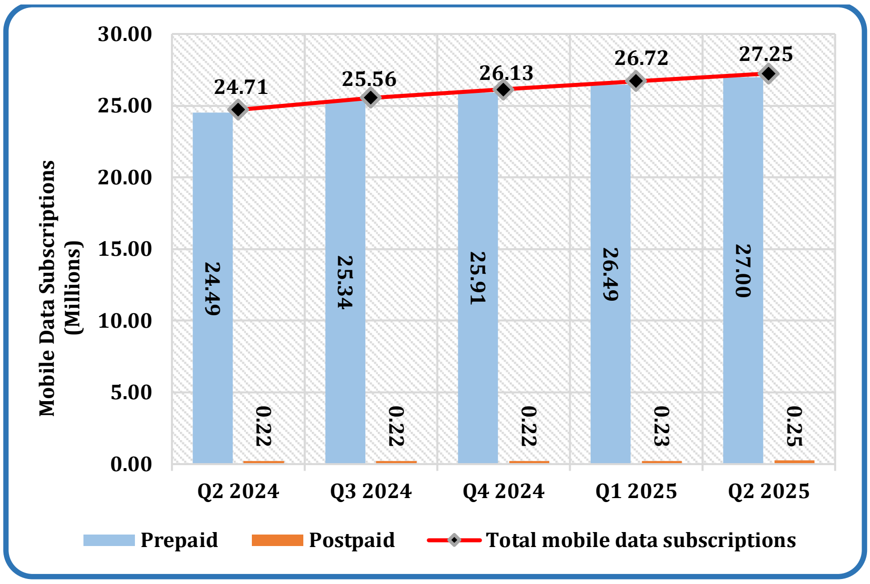

Figure 15: Mobile Data Prepaid and Postpaid Subscriptions

1.4.3 Mobile Data Subscription per Operator

MTN recorded 21.18 million subscriptions, which represents 77.75% of the market, while Telecel recorded 4.43 million subscriptions with a 16.28% share of the market during the quarter under review. AT also had 1.63 million mobile data subscriptions with a 5.97% share of the market at the end of Q2 2025. (Figure 16) (Appendix A, Table 15)

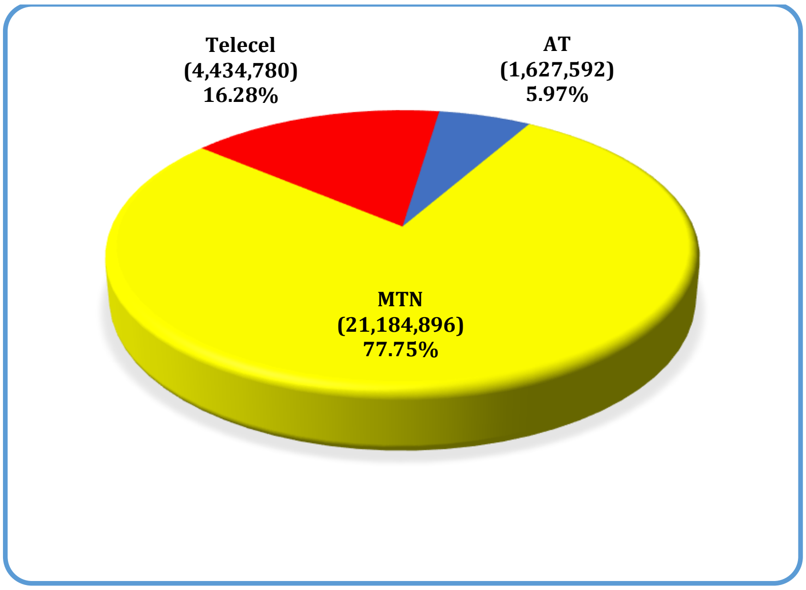

Figure 16: Mobile Data Market Share per Operator

1.4.4 Mobile Data Traffic

At the end of Q2 2025, mobile data traffic generated by the operators was 923,347 TB, recording an increase in growth by 22.25% as compared to 755,267 TB at the end of Q1 2025.

Year-on-Year mobile data traffic increased from 579,320 TB at the end of Q2 2024 to 923,347 TB at the end of Q2 2025, representing an increase of 59.38%.
(Figure 17) (Appendix A, Table 16).

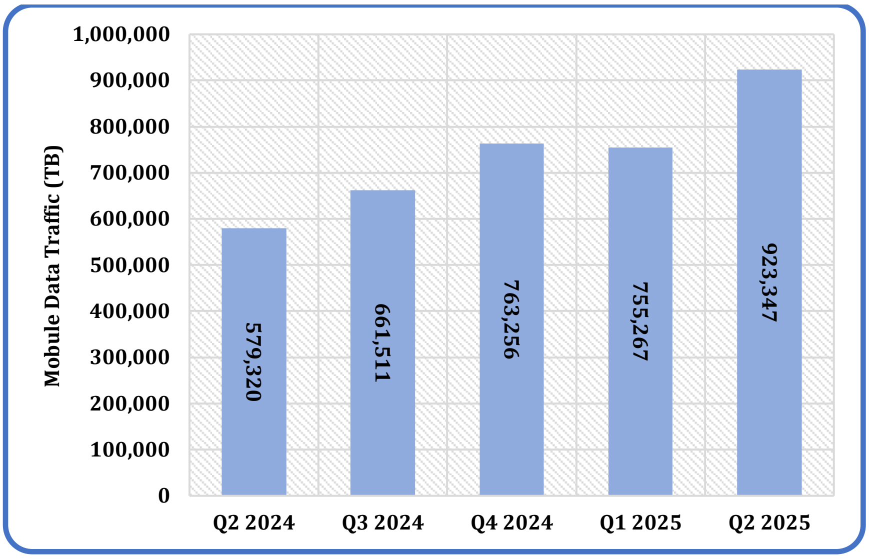

Figure 17: Mobile Data Traffic in Terabytes (TB)

1.4.5 Mobile Data Usage per Subscription [4]

Mobile Data Usage per subscription increased from 0.0286 TB at the end of Q1 2025 to 0.0343 TB at the end of Q2 2025, recording growth of 19.79%.

Year-on-Year mobile data usage per subscription also increased from 0.0235 TB at the end of Q2 2024 to 0.0343 TB at the end of Q2 2025, recording a growth of 46.25% (Figure 18)
(Appendix A, Table 17).

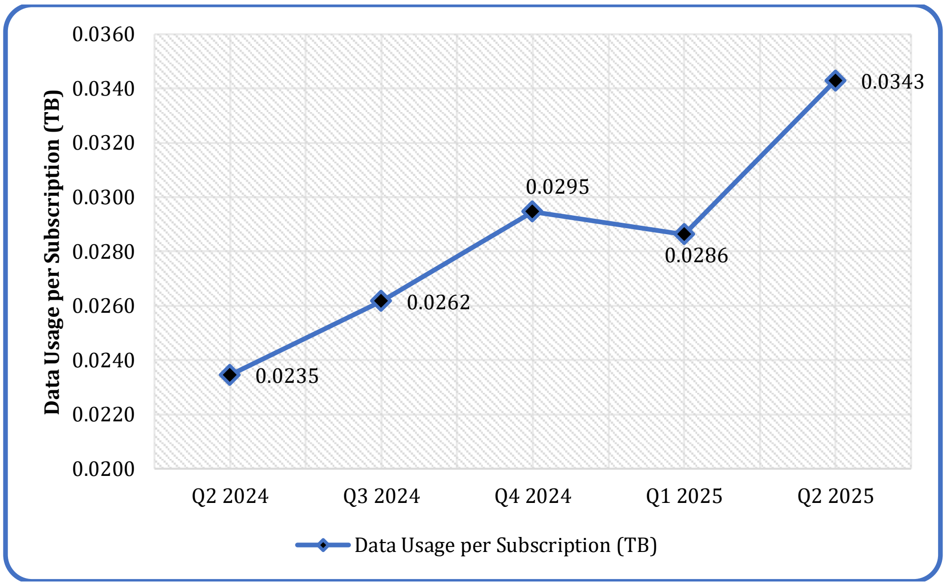

Figure 18: Mobile Data Usage per Subscription (TB)

4 Mobile data usage per subscription is calculated by dividing the total volume of data traffic for the quarter by the total average mobile data subscription for that quarter.

1.4.6 Mobile Data Traffic per Operator

MTN generated the highest volume of mobile data traffic 782,453 TB with a market share of 84.74%. Telecel followed with a traffic volume of 117,246 TB with a market share of 12.70%. AT also had 23,648 TB volume of data, recording a market share of 2.56%. (Figure 19) (Appendix A, Table 18)

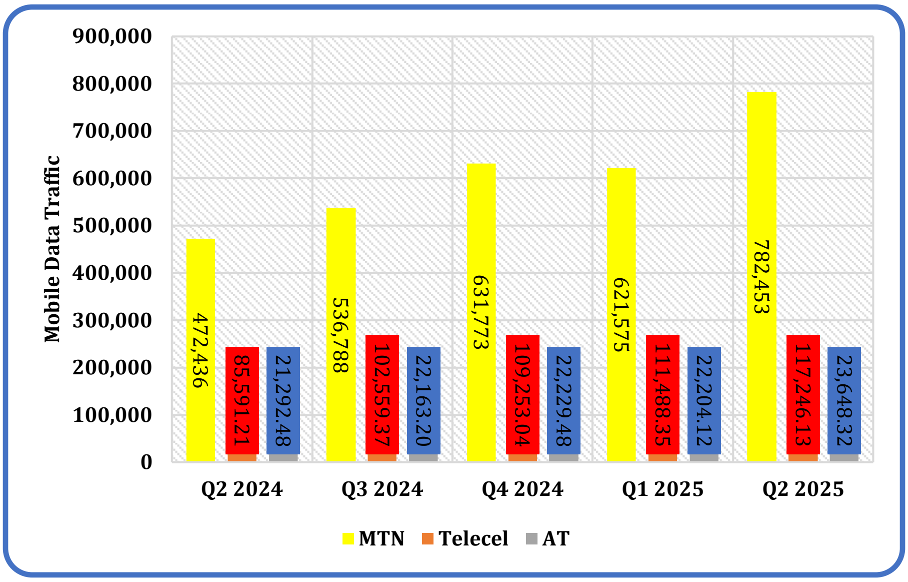

Figure 19: Mobile Internet Traffic (TB) per Operator

1.5 Mobile Telecommunications Service Tariffs

Quarter-on-Quarter average default tariffs for Off-Net mobile voice was GHS 0.14 per minute at the end of Q2 2025. Average default tariffs for On-Net mobile voice was also GHS 0.14 per minute. Average default tariffs for both Off-Net and On-Net SMS stood at GHc 0.06 per SMS. The average default data tariffs for the quarter under review was GHS 0.14 per MB. (Figure 20) (Appendix A, Table 19).

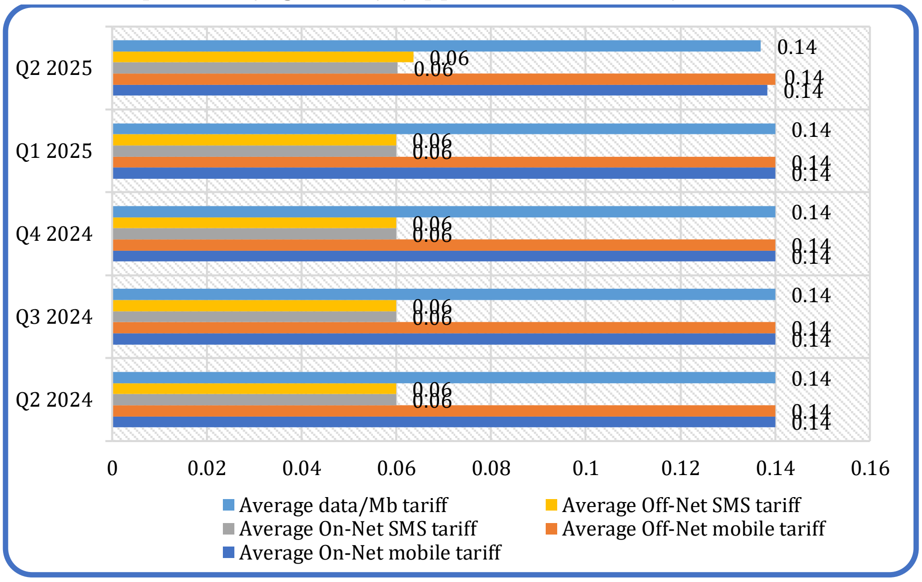

Figure 20: Average Mobile Tariffs per Service

1.6 Devices and Terminals

At the end of Q2 2025, 41.11 million devices were connected to MTN and AT (excluding Telecel) networks. This shows an increase of 1.44% (584,109) in the devices connected to the network as compared to 40.53 million recorded in Q1 2025.

Out of the 41.11 million devices connected at the end of Q2 2025, 39.47 million were connected to MTN network which represent 96.01% of the total devices connected, whilst 1.64 million devices were connected to AT's mobile network representing 3.99% of the total devices connected. (Telecel did not provide data on this indicator during the period under review)

Year-on-Year analysis shows that active devices connected to mobile networks increased by 5.45% from 38.99 million in Q2 2024 to 41.11 million during the quarter under review. (Figure 21) (Appendix A, Table 20).

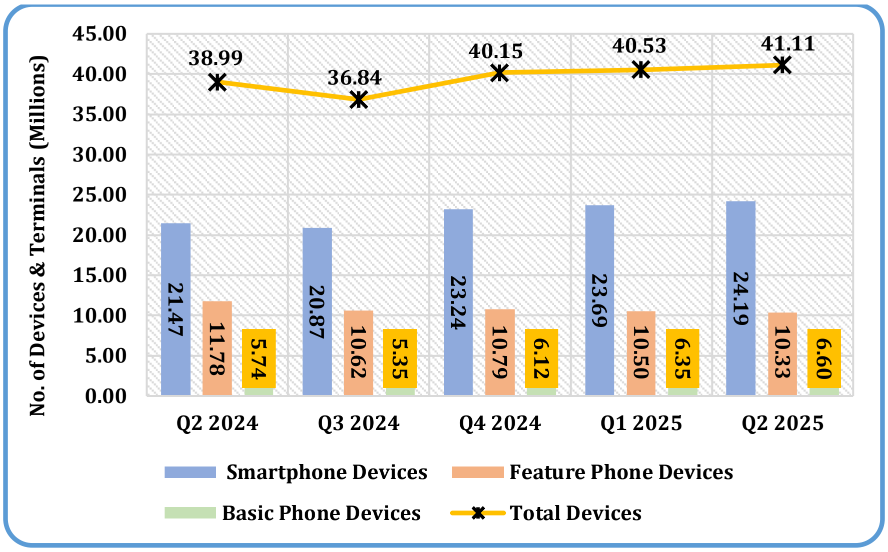

Figure 21: Devices and Terminals

At the end of Q2 2025, out of the 41.11 million devices connected, 58.83% (24,188,976) were Smartphones, 25.12% (10,328,864) were Feature phones and 16.04% (6,595,737) were Basic phones.

2.0 BROADBAND WIRELESS ACCESS (BWA)

As at Q2 2025, Telesol is the only entity operating as a Broadband Wireless Access service provider and thus submitted data for this report.

2.1 BWA Subscriptions and Penetration Rate

BWA subscriptions in the country remained the same at 1,454 subscriptions at the end of Q2 2025, as previously recorded at the end of Q1 2025.

Year-on-Year subscriptions increased by 1.61% from 1,431 in Q2 2024 to 1,454 at the end of Q2 2025. The penetration rate for Broadband Wireless Access was 0.004% at the end of Q22025. (Figure 22) (Appendix A, Table 21).

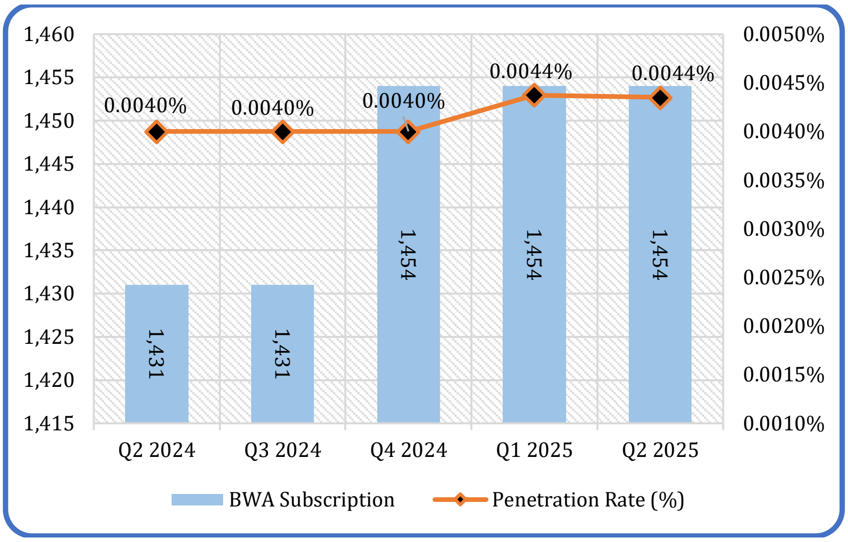

Figure 22: BWA Subscription and Penetration Rate

2.2 Broadband Wireless Access (BWA) Volume of Data Traffic

The total volume of data traffic generated by the BWAs decreased from 141.62 TB at the end of Q1 2025 to 115.11 TB at the end of Q2 2025, recording a decline of 18.72%.

Year-on-Year data traffic generated by the BWA(s) also decreased from 235.17 TB at the end of Q2 2024 to 115.11 TB at the end of Q2 2025, representing a decline in growth by 51.05%. (Figure 23) (Appendix A, Table 22).

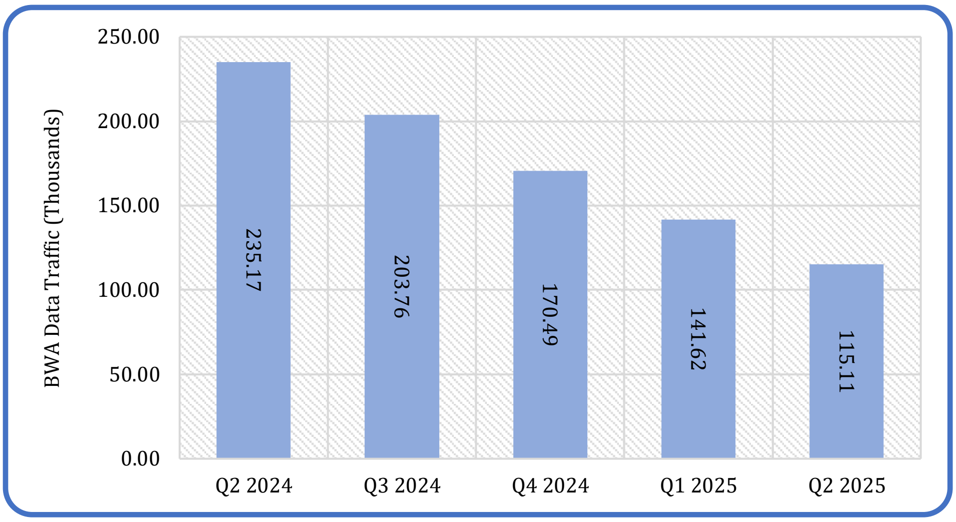

Figure 23: BWA Data Traffic (TB)

2.3 Data Usage per BWA Subscription[5]

Data usage per BWA subscription decreased from 0.097 TB in Q1 2025 to 0.079 TB in Q2 2025, representing a decline in growth by 18.72%.

Year-on-Year data usage per subscription also declined by 51.83% from 0.160 TB in Q2 2024 to 0.079 TB at the end of Q2 2025 (Figure 24) (Appendix A, Table 23).

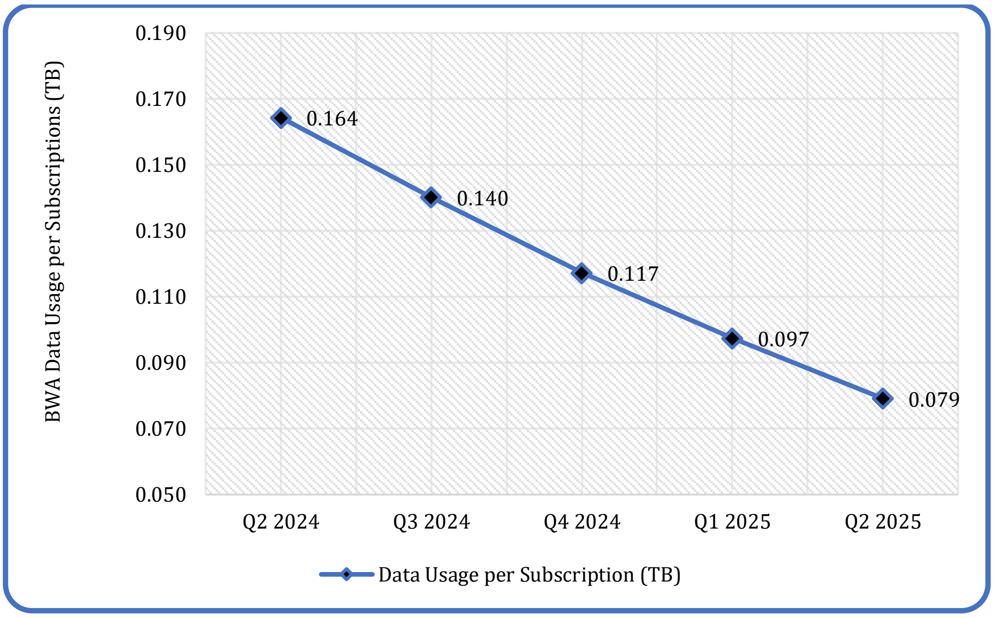

Figure 24: Data Usage per BWA Subscription (TB)

5BWA data per subscriptions is calculated by dividing the total volume of BWA's traffic for the quarter by the total average of BWA subscriptions for that quarter.

3.0 FIXED NETWORK

This section analyses the Fixed Telephone industry in Ghana. There are three (3) operators, namely Telecel, AT and MTN, that provide this service.

3.1 Fixed Voice Subscriptions and Penetration Rate

The total number of Fixed Voice subscriptions decreased by 0.20% from 267,881 in Q1 2025 to 267,332 at the end of Q2 2025 with a penetration rate of 0.80%.

Year-on-Year subscription decreased from 306,280 in Q2 2024 to 267,332 at the end of Q2 2025, representing a negative growth rate of 12.72% (Figure 25) (Appendix A, Table 24).

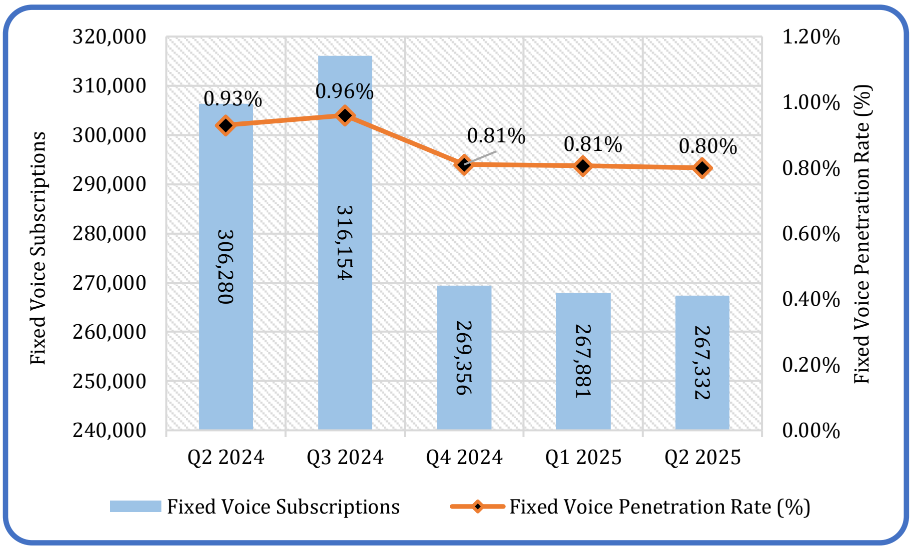

Figure 25: Fixed Network Voice Subscription and Penetration Rate

3.2 Fixed Voice Traffic

Total Fixed Voice Traffic recorded a decrease of 26.53% from 6.50 million minutes in Q1 2025 to 4.78 million minutes in Q2 2025.

Year-on-Year Total Fixed Voice Traffic however decreased by 31.63%, from 6.99 million minutes in Q2 2024 to 4.78 million minutes in Q2 2025. (Figure 26) (Appendix A, Table 25).

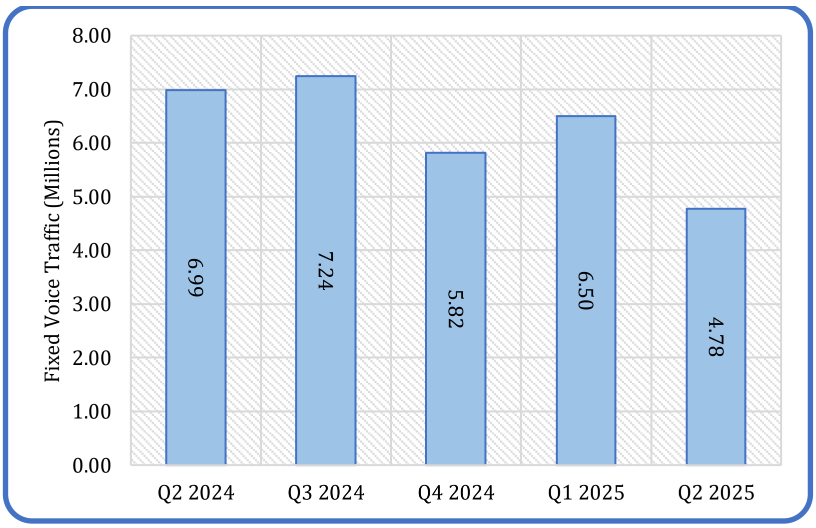

Figure 26: Total Fixed Voice Traffic

3.3 Fixed Voice Minute of Use[6]

Fixed Voice Traffic per subscription decreased by 26.16% from 24.21 minutes in Q1 2025 to 17.88 minutes at the end of Q2 2025.

Year-on-Year minutes of use per subscription also declined by 21.67% from 22.83 minutes in Q2 2024 to 17.88 minutes at the end of Q2 2025 (Figure 27) (Appendix A, Table 26).

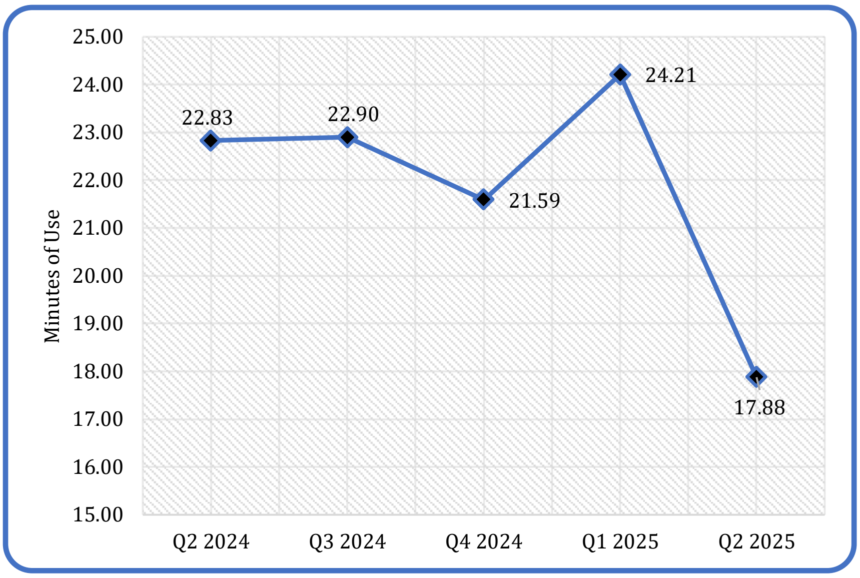

Figure 27: Fixed Network Minute of Use

3.4 Fixed Line Data Subscriptions and Penetration Rate

Fixed Line Data subscriptions went up from 133,872 in Q1 2025 to 145,218 in the quarter under review, representing a growth rate of 8.48%.

Year-on-Year Fixed Data subscriptions increased by 20.58% from 120,433 in the preceding year to 145,218 at the end of Q2 2025. Fixed Data penetration rate at the end of Q2 2025 was 0.43%. (Figure 28) (Appendix A, Table 27).

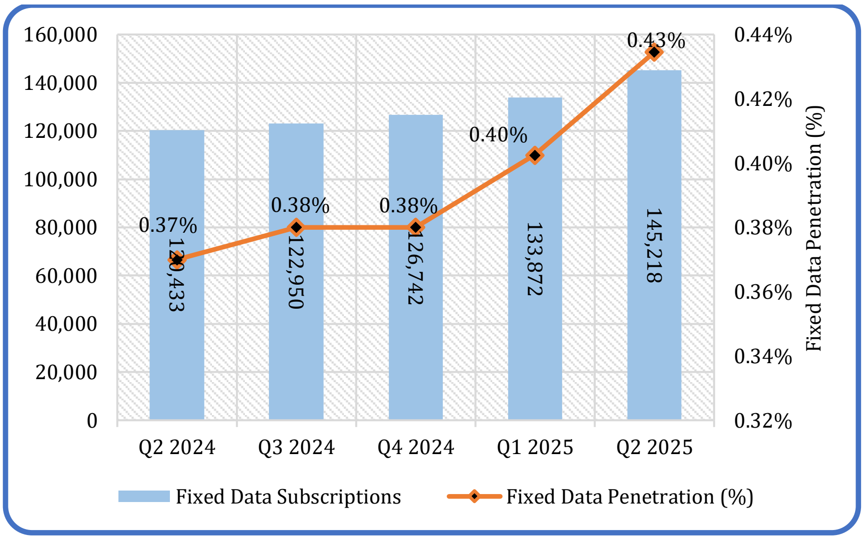

Figure 28: Fixed Data Subscriptions and Penetration

6 Fixed Network Minutes of use per subscriptions is calculated by dividing the total volume of traffic for the quarter by the total average fixed subscriptions for that quarter.

3.5 Fixed Data Subscriptions per Operator

Telecel's Fixed Data subscriptions at the end of Q2 2025 was 88,438 representing 60.90% of the market share as against 85,284 in Q1 2025.

MTN's Fixed Data subscriptions at the end of Q2 2025 was 56,402 representing 38.84% of the market share as compared to 48,225 in Q1 2025.

AT recorded 378 Fixed Data subscriptions at the end of Q2 2025 with a market share of 0.26% as compared to 363 subscriptions in the previous quarter. (Figure 29) (Appendix A, Table 28).

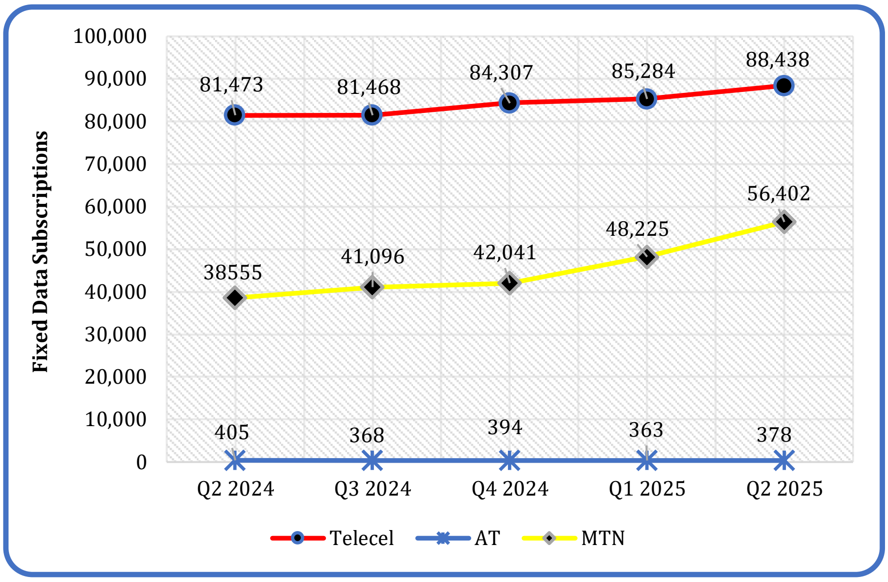

Figure 29: Fixed Data Subscription per Operator

3.6 Fixed Broadband Subscriptions

The Total Fixed Broadband subscriptions in the country increased by 4.02% from 227,350 subscriptions at the end of Q1 2025 to 236,479 subscriptions during the period under review.

Year-on-Year Fixed Broadband subscriptions also grew by 1.94% from 231,981 subscriptions at the end of Q2 2024 to 236,479 subscriptions at the end of Q2 2025. (Figure 30) (Appendix A, Table 29).

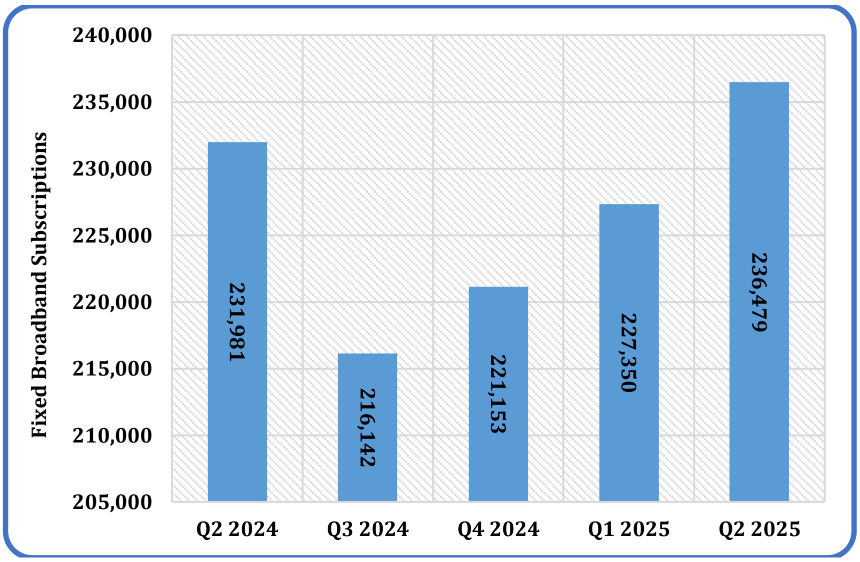

Figure 30: Fixed Broadband Subscription

3.6.1 Fixed Broadband Subscriptions per Operator

MTN recorded a market share of 63.63% with a Fixed Broadband subscription of 150,471 during the reference period from 144,499 subscriptions in the previous quarter, whilst Telecel registered a market share of 36.37% with 86,008 of Fixed Broadband subscriptions during the same period.

Quarter-on-Quarter Fixed Broadband subscriptions for MTN decreased from 144,499 in Q1 2025 to 150,471 in Q2 2025 with a growth rate of 4.13%. Telecel's Fixed Broadband subscriptions increased by 3.81% from 82,851 in Q1 2025 to 86,008 in Q2 2025.

Year-on-Year Fixed Broadband Subscriptions in the country for MTN declined by 1.54% whilst that of Telecel increased by 8.65% respectively. (Figure 31) (Appendix A, Table 30)

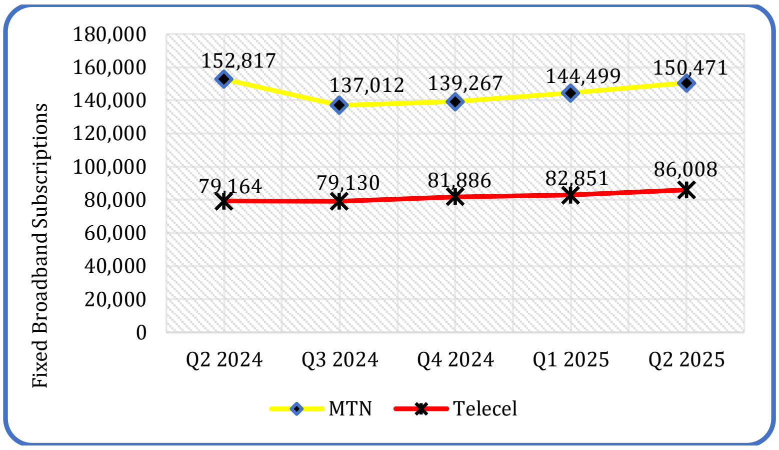

Figure 31: Fixed Broadband Subscription per Operator

3.6.2 Fixed Broadband Traffic

Total Fixed Broadband Traffic increased by 6.45% from 112,174 TB in Q1 2025 to 119,411 TB during the reference period.

Year-on-Year total Fixed Broadband Traffic also increased by 18.03% from 101,173 TB at the end of Q2 2024 to 119,411 TB at the end of Q2 2025.

Quarter-on-Quarter Fixed Broadband traffic for MTN increased from 59,476 TB in Q1 2025 to 65,063 TB in Q2 2025 with a growth rate of 9.39%. Telecel's Fixed Broadband traffic also increased by 3.13% from 52,699 TB in Q1 2025 to 54,348 TB in Q2 2025.

Year-on-Year Fixed Broadband Subscriptions in the country for MTN grew by 23.50% and Telecel Fixed Broadband increased by 12.08% respectively. (Figure 32) (Appendix A, Table 31)

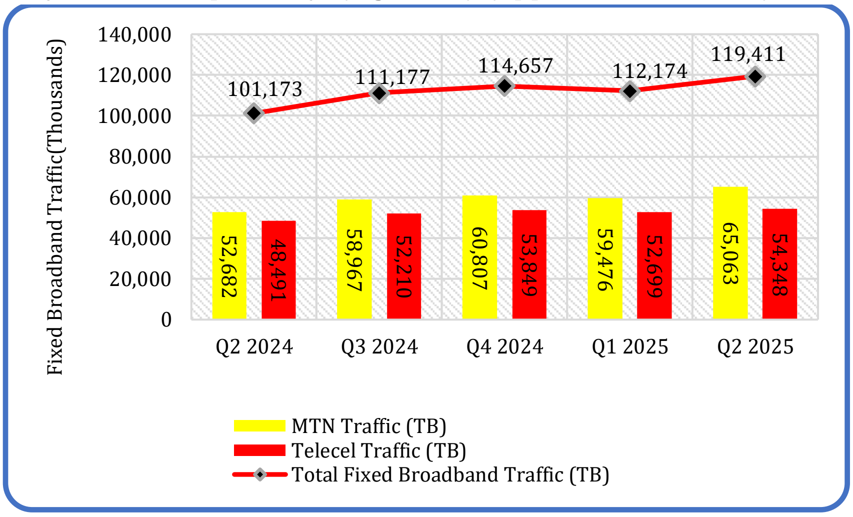

Figure 32: Fixed Broadband Traffic (TB)

4.0 BROADCASTING

4.1 Categories of FM Stations

There are 5 categories of FM Authorization based on purposes, namely:

- Commercial
- Community
- Campus
- Public and
- Public (Foreign)

Out of the total 763 FM station authorised at the end of Q2 2025, 548 were Commercial, 155 were Community, 31 were Public, 24 were Campus and 5 were Public (Foreign) (Figure 33) (Appendix A, Table 32)

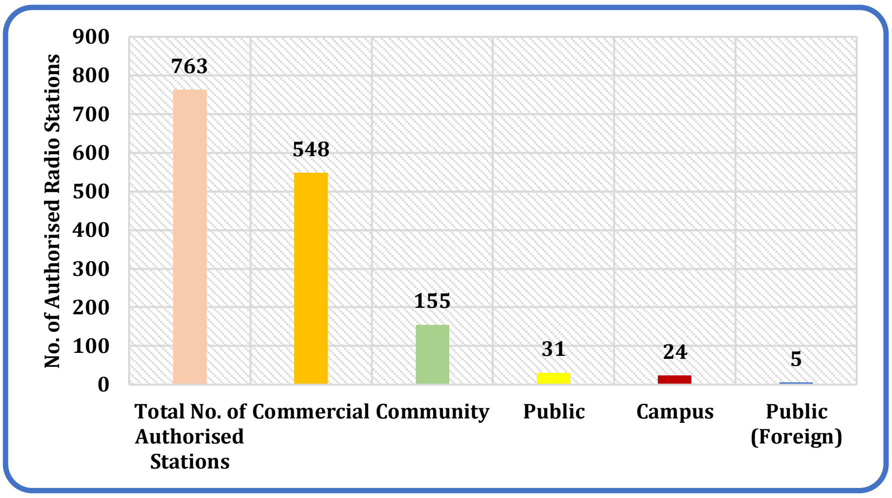

Figure 33: Category by Purpose of Authorised Radio Stations as at Q2 2025

4.2 Authorised Frequency Modulation (FM) Radio Stations

Total number of Authorised FM Stations in Ghana as at the end of Q2 2025 was 763 with 539 FM Stations in operation and 224 FM Stations yet to begin operation. The quarter under review recorded an increase of 16 FM Stations in operations as compared to Q1 2025.

The Ashanti Region had the highest number of Authorised FM stations (116), representing 15.20% of the total number of Authorised FM Stations in the country. The North-East Region had the least number of Authorised FM Stations (13), representing 3.80% of the total Authorised FM Stations in the country. (Figure 34) (Appendix A, Table 33).

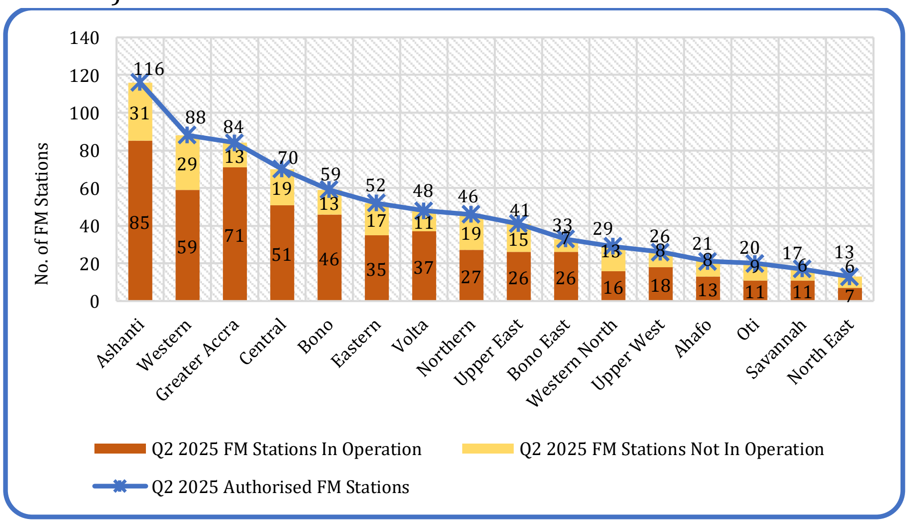

Figure 34: Regional Distribution of Authorised, On-air and Off-Air FM Stations as at the end of Q2 2025

4.3 Authorised Television Stations

The total number of Authorised TV Stations in Ghana at the end of Q2 2025 was 182, out of which 136 were operational during the quarter under review, representing 74.73% of the total number of Authorised TV Stations in the country. (Figure 35 & 36) (Appendix A, Table 34)

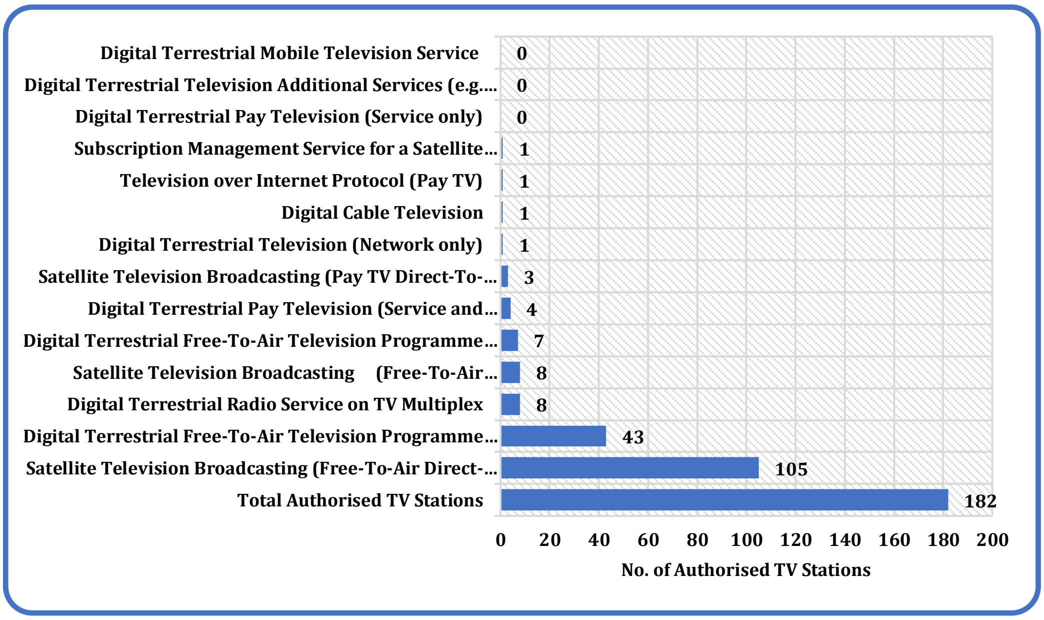

Figure 35: Authorised TV Stations as at Q2 2025

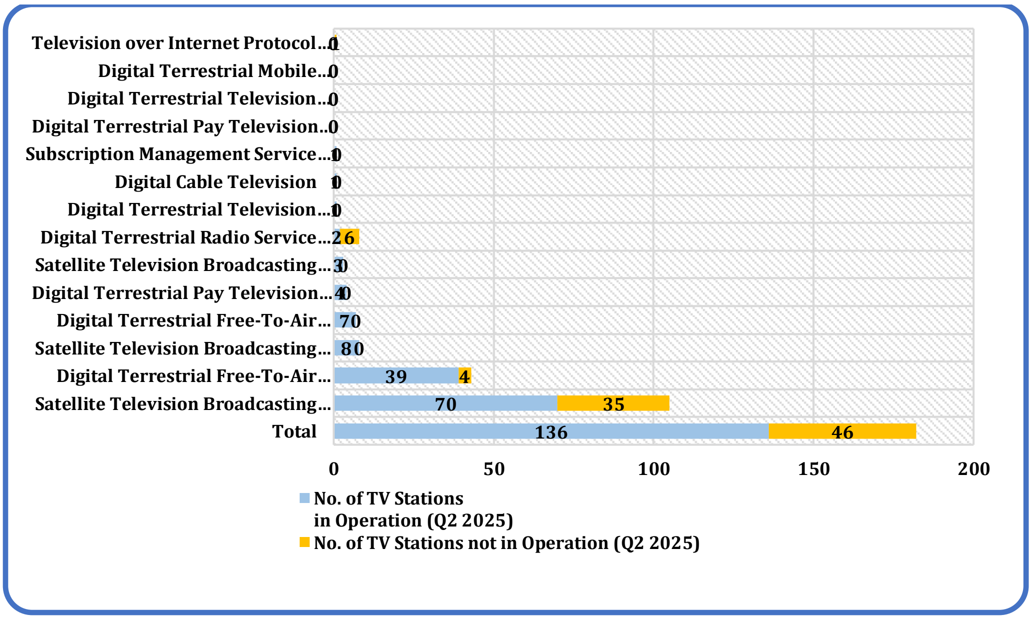

Figure 36: Distribution of Types of Services (On -Air and Off-Air TV Stations) as at the end of Q2 2025

5. CORRINGENDA AND NOTES TO Q2 2025

Note 1: Machine-to-Machine subscriptions for Q1 2025 was revised

Note 2: OffNet Traffic (Mobile to Fixed) was revised for Q1 2025

Note 3: Total Domestic Mobile Voice traffic was revised for Q4 2024

Note 4: Total SMS counts for Q1 2025 was revised

Note 5: OnNet SMS counts for Q1 2025 was revised

Note 6: SMS counts per subscriptions was revised for Q1 2025

Appendix A (List of Tables)

Table 1: Mobile Voice Subscriptions and Penetration Rate

Subscription	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Mobile Subscription	37,553,607	38,469,268	38,408,712	39,970,301	41,078,883
Mobile Subscription Growth Rate (%)	7.67%	2.44%	-0.16%	4.07%	2.77%
Net additions	2,675,064	915,661	60,556	1,561,589	1,108,582
Population	32,759,699	32,924,755	33,089,811	33,254,867	33,419,924
Penetration Rate (%)	**114.63%**	**116.84%**	**116.07%**	**120.19%**	**122.92%**

Table 2: Mobile Voice Subscriptions and Market Share per Operator

Mobile Network Operator		Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
MTN	Subscriptions	28,381,349	28,885,932	28,408,649	29,521,441	30,264,594
	Market Share (%)	75.45%	75.09%	73.96%	73.86%	73.67%
Telecel	Subscriptions	6,373,676	6,678,979	6,968,464	7,296,855	7,628,251
	Market Share (%)	16.94%	17.36%	18.14%	18.26%	18.57%
AT	Subscriptions	2,861,582	2,904,357	3,031,599	3,152,005	3,186,038
	Market Share (%)	7.61%	7.55%	7.89%	7.89%	7.76%
Total Industry Subscription		**37,616,607**	**38,469,268**	**38,408,712**	**39,970,301**	**41,078,883**

Table 3: Prepaid and Postpaid Voice Subscriptions and Market Share

Subscription	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Prepaid	37,126,056	38,066,589	37,993,918	39,521,042	40,574,076
Market Share	98.86%	98.95%	98.92%	98.88%	98.77%
Postpaid	427,551	402,679	414,794	449,259	504,807
Market Share	1.14%	1.05%	1.08%	1.12%	1.23%
Total mobile subscription	**37,553,607**	**38,469,268**	**38,408,712**	**39,970,301**	**41,078,883**

Table 4: On-Net Voice Traffic in Minutes

Traffic	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Traffic (OnNet)	25,903,874,714	25,912,381,839	27,011,080,727	26,526,119,974	25,943,641,908
Q-o-Q (Traffic-OnNet)	1.74%	0.03%	4.24%	-1.80%	-2.20%
Y-o-Y (Traffic-OnNet)			11.52%	4.18%	0.27%

Table 5: Total Domestic Mobile Voice Traffic in Minutes

Traffic	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Traffic (Off-Net)	1,955,923,470	2,075,229,296	2,353,477,885	2,467,034,837	2,658,614,341
Share (%)	7.03%	7.41%	8.01%	8.51%	9.30%
Growth (%)	-3.74%	6.10%	13.41%	4.83%	7.77%
Traffic (On-Net)	25,903,874,714	25,912,381,839	27,011,080,727	26,526,119,974	25,943,641,908
Share (%)	92.98%	92.59%	91.99%	91.49%	90.70%
Growth (%)	1.74%	0.03%	4.24%	-1.80%	-2.20%
Total traffic	**27,859,798,184**	**27,987,611,135**	**29,364,558,612**	**28,993,154,811**	**28,602,256,249**

Table 6: Total Domestic Mobile Voice per MNOs

Mobile Network Operator		Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
MTN	Subscriptions	26,248,988,879	26,298,014,150	27,556,750,526	27,084,292,538	26,525,831,998
	Market Share (%)	94.22%	93.96%	93.84%	93.42%	92.74%
Telecel	Subscriptions	1,517,981,973	1,600,581,872	1,725,879,113	1,831,161,419	1,994,255,302
	Market Share (%)	5.45%	5.72%	5.88%	6.32%	6.97%
AT	Subscriptions	92,827,332	89,015,113	81,928,972	77,700,854	82,168,949
	Market Share (%)	0.33%	0.32%	0.28%	0.27%	0.29%
Total Industry Subscription		**27,859,798,184**	**27,987,611,135**	**29,364,558,612**	**28,993,154,811**	**28,602,256,249**

Table 7: International Mobile Voice Traffic

Traffic	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Incoming Mobile Voice International Traffic	34,651,709	36,210,403	41,448,117	41,329,257	40,574,561
Growth (%)	-7.40%	4.50%	14.46%	-0.29%	-1.83%
Outgoing Mobile Voice International Traffic	57,837,414	41,443,043	62,675,957	104,246,439	83,599,789
Growth (%)	-8.63%	-28.35%	51.23%	66.33%	-19.81%

Table 8: Mobile Voice Traffic Minutes of Use (MoU) per Subscriptions

Traffic	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Total mobile voice traffic (Domestic)	27,830,970,463	27,987,611,135	29,364,558,612	28,993,154,811	28,602,256,249
Outgoing International Traffic	57,837,414	41,443,043	62,675,957	104,246,439	83,599,789
Total Mobile Voice Traffic (Dom. & Int.)	**27,888,807,877**	**28,029,054,178**	**29,427,234,569**	**29,097,401,250**	**28,685,856,038**
Average Mobile voice subscription	36,560,983	38,131,609	38,756,657	39,695,383	40,791,195
Minutes of Use (MoU) per Subscription	762.80	735.06	759.28	733.02	703.24
MoU Q-o-Q growth rate (%)	**-5.18%**	**-3.64%**	**3.30%**	**-3.46%**	**-4.06%**

Table 9: Total Number of Short Messages Services

SMS	Q2 2024	Q3 2023	Q4 2024	Q1 2025	Q2 2025
Off-Net SMS	331,768,815	444,205,829	483,899,004	705,902,360	751,314,479
On-Net SMS	462,267,709	461,247,653	624,216,669	1,095,930,867	2,102,646,295
Total SMS	**794,036,524**	**905,453,482**	**1,108,115,673**	**1,801,833,227**	**2,853,960,774**

Table 10: Total Number of SMS per Mobile Network Operator in Millions

Mobile Operators	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Off-Net					
MTN	138,725,312	131,013,745	147,051,464	196,605,890	262,715,059
Telecel	185,485,017	304,699,538	326,253,888	496,971,653	474,197,149
AT	7,558,486	8,492,546	10,593,652	12,324,817	14,402,271
Total	**331,768,815**	**444,205,829**	**483,899,004**	**705,902,360**	**751,314,479**
On- net					
MTN	364,035,777	286,723,061	410,713,203	870,788,155	1,859,365,347
Telecel	97,373,411	173,658,643	212,884,094	224,192,932	242,153,362
AT	858,521	865,949	619,372	949,780	1,127,586
Total	**462,267,709**	**461,247,653**	**624,216,669**	**1,095,930,867**	**2,102,646,295**
Total					
MTN	502,761,089	417,736,806	557,764,667	1,067,394,045	2,122,080,406
Telecel	282,858,428	478,358,181	539,137,982	721,164,585	716,350,511
AT	8,417,007	9,358,495	11,213,024	13,274,597	15,529,857
Total	**794,036,524**	**905,453,482**	**1,108,115,673**	**1,801,833,227**	**2,853,960,774**

Table 11: Average SMS per Subscription

SMS Subscriptions	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Total SMS	794,036,524	905,453,482	1,108,115,673	1,801,833,227	2,853,960,774
Average Mobile Subscription	35,607,123	38,131,609	38,756,657	39,695,383	40,791,195
SMS per Subscription	22	24	29	45	70

Table 12: Mobile Data Subscriptions and Penetration Rate

Subscription	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Mobile data subscription	24,708,749	25,560,884	26,127,592	26,717,143	27,247,268
Data Subscription Growth Rate (%)	1.47%	3.45%	2.22%	2.26%	1.98%
Net Additions	356,971	852,135	566,708	589,551	530,125
Net Additions Growth Rate (%)	-69.00%	139%	-33%	4.03%	-10.08%
Population	32,759,699	32,924,755	33,089,811	33,254,867	33,419,924
Mobile Data Penetration Rate (%)	75.42%	77.63%	78.96%	80.34%	81.53%

Table 13: Machine-to-Machine Subscriptions

Mobile Network Operator	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025
MTN	721,031	870,853	1,083,697	1,084,627	1,684,845
Telecel	857,965	871,451	1,071,051	1,131,926	1,147,872
AT	3,080	2,964	2,747	2,654	2,860
Total	**1,582,076**	**1,745,268**	**2,157,495**	**2,219,207**	**2,835,577**

Table 14: Mobile Data Subscriptions (Prepaid/Postpaid)

Mobile Data Subscriptions		Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Prepaid	Subscription	24,492,744	25,343,215	25,909,066	26,490,317	26,997,655
	Market Share	99.13%	99.15%	99.16%	99.15%	99.08%
Post-paid	Subscription	216,005	217,669	218,526	226,826	249,613
	Market Share	0.87%	0.85%	0.84%	0.85%	0.92%
Total mobile data subscriptions		**24,708,749**	**25,560,884**	**26,127,592**	**26,717,143**	**27,247,268**

Table 15: Mobile Data Subscriptions per Mobile Network Operator and Market Share

Mobile Network Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
MTN	19,890,327	20,311,829	20,626,311	21,118,921	21,184,896
	80.50%	79.46%	78.94%	79.05%	77.75%
Telecel	3,181,152	3,645,955	3,892,046	3,983,835	4,434,780
	12.87%	14.26%	14.90%	14.91%	16.28%
AT	1,637,270	1,603,100	1,609,235	1,614,387	1,627,592
	6.63%	6.27%	6.16%	6.04%	5.97%
Total	**24,708,749**	**25,560,884**	**26,127,592**	**26,717,143**	**27,247,268**

Table 16: Mobile Data Traffic in Terabytes (TB)

Mobile Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Total Mobile data usage (TB)	579,320	661,511	763,256	755,267	923,347

Table 17: Mobile Data Usage per Subscription (TB)

Mobile Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Total Mobile data usage (MB)	579,320	661,511	763,256	755,267	923,347
Average Data Subscription	24,703,275	25,279,367	25,905,295	26,378,393	26,921,399
Data Usage per Subscription (TB)	**0.0235**	**0.0262**	**0.0295**	**0.0286**	**0.0343**

Table 18: Mobile Data Traffic per Operator (TB)

Mobile Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
MTN	472,436	536,788	631,773	621,575	782,453
	81.55%	81.15%	82.77%	82.30%	84.74%
Telecel	85,591	102,559	109,253	111,488	117,246
	14.77%	15.50%	14.31%	14.76%	12.70%
AT	21,292	22,163	22,229	22,204	23,648
	3.68%	3.35%	2.91%	2.94%	2.56%
Total Industry Traffic (TB)	**579,320**	**661,511**	**763,256**	**755,267**	**923,347**

Table 19: Average Mobile Tariff per Service (GHS)

Tariff	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Average On-Net mobile tariff	0.14	0.14	0.14	0.14	0.14
Average Off-Net mobile tariff	0.14	0.14	0.14	0.14	0.14
Average On-Net SMS tariff	0.06	0.06	0.06	0.06	0.06
Average Off-Net SMS tariff	0.06	0.06	0.06	0.06	0.06
Average data/Mb tariff	0.14	0.14	0.14	0.14	0.14

Table 20: Devices and Terminals

No	Category of Phones	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
1	Smartphone Devices	21,465,086	20,868,129	23,236,048	23,685,752	24,188,976
	Market Share (%)	*55.05%*	*56.64%*	57.87%	58.44%	58.83%
	Growth (%)	2.51%	-2.78%	11.35%	1.94%	2.12%
2	Feature Phone Devices	11,780,513	10,623,972	10,792,867	10,495,239	10,328,864
	Market Share (%)	*30.21%*	*28.84%*	26.88%	25.90%	25.12%
	Growth (%)	-0.67%	-9.82%	1.59%	-2.76%	-1.59%
3	Basic Phone Devices	5,744,236	5,349,040	6,124,118	6,348,477	6,595,737
	Market Share (%)	*14.73%*	*14.52%*	15.25%	15.66%	16.04%
	Growth (%)	9.49%	-6.88%	14.49%	3.66%	3.89%
Total		**38,989,835**	**36,841,141**	**40,153,033**	**40,529,468**	**41,113,577**

Table 21: BWA Data Subscriptions and Penetration

BWA Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Subscription	1,431	1,454	1,454	1,454	1,454
Growth rate (%)	0.00%	1.61%	0.00%	0.00%	0.00%
Net Additions	0	23	0	0	0
Population	32,759,699	32,924,755	33,089,811	33,254,867	33,419,924
Penetration Rate (%)	**0.004%**	**0.004%**	**0.004%**	**0.0044%**	**0.0044%**

Table 22: Broadband Wireless Access Data Traffic

BWA operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Industry Total (TB)	235.17	203.76	170.49	141.62	115.11

Table 23: Data Usage per BWA Subscriptions (TB)

BWA Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Total Volume of Data Traffic (TB)	235.17	203.76	170.49	141.62	115.11
Average BWA Subscription	1,431	1454	1,454	1,454	1,454
Data Usage per Subscription (TB)	**0.164**	**0.140**	**0.117**	**0.097**	**0.079**

Table 24: Fixed Network Voice Subscriptions and penetration (%)

Fixed Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Telecel	303,575	302,890	261,553	260,250	259,442
	99.12%	95.80%	97.10%	97.15%	97.05%
AT	929	943	912	870	868
	0.30%	0.30%	0.34%	0.32%	0.32%
MTN	1,776	12,321	6,891	6,761	7,022
	0.58%	3.90%	2.56%	2.52%	2.63%
Total industry subscription	**306,280**	**316,154**	**269,356**	**267,881**	**267,332**
Population	32,759,699	32,924,755	33,089,811	33,254,867	33,419,924
Fixed Network Penetration Rate (%)	**0.93%**	**0.96%**	**0.81%**	**0.81%**	**0.80%**

Table 25: Fixed Network Voice Minutes of Use (Minutes)

Traffic	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
On-Net Fixed voice traffic	-	-	-	606,666	880,856
Off-Net fixed voice traffic	6,990,723	7,241,115	5,815,131	5,898,098	3,898,450
Total Fixed Voice Traffic	**6,990,723**	**7,241,115**	**5,815,131**	**6,504,764**	**4,779,306**

Table 26: Fixed Network Voice (Minute of Use per Subscriptions)

Fixed Network (MoU)	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Total Fixed Voice Traffic	6,990,723	7,241,115	5,815,131	6,504,764	4,779,306
Average Fixed Subscription	306,280	316,154	269,356	268,674	267,332
Minutes of Use per Subscription (MoU)	22.83	22.90	21.59	24.21	17.88
Growth Rate	**2.71%**	**0.35%**	**-5.74%**	**12.14%**	**-26.16%**

Table 27: Fixed Line Data Subscriptions and Penetration

Fixed Network	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Telecel	81,473	81,468	84,307	85,284	88,438
	67.65%	66.26%	66.52%	63.71%	60.90%
AT	405	386	394	363	378
	0.34%	0.31%	0.31%	0.27%	0.26%
MTN	38,555	41,096	42,041	48,225	56,402
	32.01%	33.42%	33.17%	36.02%	38.84%
Total Fixed data	**120,433**	**122,950**	**126,742**	**133,872**	**145,218**
Population	32,759,699	32,759,700	33,089,811	33,254,867	33,419,924
Fixed Data Penetration	**0.37%**	**0.38%**	0.38%	0.40%	0.43%

Table 28: Fixed Line Data Subscriptions per Network Operator

Fixed Network Operator	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Telecel	81,473	81,468	84,307	85,284	88,438
AT	405	368	394	363	378
MTN	38555	41,096	42,041	48,225	56,402
Total fixed data subscription	**120,433**	**122,950**	**126,742**	**133,872**	**145,218**

Table 29: Fixed Broadband Subscriptions

Quarter	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Fixed Broadband Subscription	231,981	216,142	221,153	227,350	236,479

Table 30: Fixed Broadband Subscriptions per Operator

Fixed Broadband Operators	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
MTN	152,817	137,012	139,267	144,499	150,471
Telecel	79,164	79,130	81,886	82,851	86,008
Total	**231,981**	**216,142**	**221,153**	**227,350**	**236,479**

Table 31: Fixed Broadband Traffic

Fixed Broadband Operators	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
MTN (GB)	52,682	58,967	60,807	59,476	65,063
Telecel (GB)	48,491	52,210	53,849	52,699	54,348
Total Fixed Broadband Traffic (TB)	**101,173**	**111,177**	**114,657**	**112,174**	**119,411**

Table 32: Regional Distribution of FM Stations by Purpose as at the end of Q2 2025

Name of Regions	Public	Public (Foreign)	Community	Campus	Commercial
Ashanti	2	1	28	5	80
Bono	1	0	5	3	50
Bono East	2	0	6	0	25
Ahafo	0	0	4	0	17
Central	2	0	19	4	45
Eastern	2	0	22	1	27
Greater Accra	2	3	17	2	60
Northern	3	0	8	1	34
Savannah	3	0	6	0	8
North East	1	0	3	0	9
Upper East	2	0	12	3	24
Upper West	2	0	10	2	12
Volta	3	0	4	1	40
Oti	1	0	3	0	16
Western	2	1	8	2	75
Western North	3	0	0	0	26
Total	**31**	**5**	**155**	**24**	**548**

Table 33: Regional Distribution of FM Stations as at the end of Q2 2025

Name Of Regions	Q2 2025 Authorised FM Stations	Q2 2025 FM Stations In Operation	Q2 2025 FM Stations not in Operation
Ashanti	116	85	31
Bono	59	46	13
Bono East	33	26	7
Ahafo	21	13	8
Central	70	51	19
Eastern	52	35	17
Greater Accra	84	71	13
Northern	46	27	19
Savannah	17	11	6
North East	13	7	6
Upper East	41	26	15
Upper West	26	18	8
Volta	48	37	11
Oti	20	11	9
Western	88	59	29
Western North	29	16	13
Total	**763**	**539**	**224**

Table 34: Authorised TV Stations as at the end of Q2 2025

Type of Television Service	Authorised TV Stations		No. of TV Stations in Operation (Q2 2025)	No. of TV Stations not in Operation (Q2 2025)
	End of Q1 2025	End of Q2 2025		
Digital Terrestrial Free-To-Air Television Programme Channel (Nationwide Coverage)	43	43	39	4
Digital Terrestrial Free-To-Air Television Programme Channel (Regional Coverage)	7	7	7	0
Digital Terrestrial Pay Television (Service only)	0	0	0	0
Digital Terrestrial Pay Television (Service and Network)	4	4	4	0
Digital Terrestrial Television (Network only)	1	1	1	0
Digital Terrestrial Radio Service on TV Multiplex	8	8	2	6
Satellite Television Broadcasting (Pay TV Direct-To-Home Bouquet)	3	3	3	0
Satellite Television Broadcasting (Free-To-Air Direct-To-Home Bouquet)	8	8	8	0
Satellite Television Broadcasting (Free-To-Air Direct-To-Home Single Channel)	107	105	70	35
Digital Terrestrial Television Additional Services (e.g. Teletext, etc.)	0	0	0	0
Digital Terrestrial Mobile Television Service	0	0	0	0
Digital Cable Television	1	1	1	0
Television over Internet Protocol (Pay TV)	1	1	0	1
Subscription Management Service for a Satellite Television Broadcasting (Pay TV Direct-To-Home Bouquet)	1	1	1	0
Total	**184**	**182**	**136**	**46**

Source: NCA, 2025

Disclaimer:

The National Communications Authority has been diligent to ensure the data in this bulletin are accurate. However, the Authority is not liable for inconsistencies, errors, and gaps in any data or information contained in this bulletin, which is dependent upon the various licensees data submissions to the Authority.

NCA CONTACTS AND PRESENCE COUNTRYWIDE

The Authority currently has eight (8) regional offices to support its operations. Their addresses are listed below

- ### Accra, Head Office

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Fax: +233 (0) 302 763449
E-mail: info@nca.org.gh
Complaints: +233 (0) 30 701 1419
complaints@nca.org.gh
Website: www.nca.org.gh

- ### Kumasi Office

National Communications Authority,
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Ashanti Region, Ghana
Tel: + 233 (0) 32 202 0014 / 32 202 0018 / 32 202 0019
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E-Mail: complaints.kumasi@nca.org.gh

- ### Bolgatanga Office

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Zorbisi Zaare Residential Area in Bolgatanga Municipality
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Upper East Region
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- ### Sunyani Office

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- ### Ho Office

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E-Mail: complaints.ho@nca.org.gh

- ### Takoradi Office

National Communications Authority,
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Western Region, Ghana
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- ### Koforidua Office

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- ### Tamale Office

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