

Information and Communication Technology, (ICT) Index

1st QUARTER 2024 – 4th QUARTER 2024

INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) INDEX

FOURTH QUARTER 2024

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1. Introduction

This publication presents the Information and Communication Technology (ICT) index and Postal & Courier Services index covering the period 1st quarter 2024 to 4th quarter 2024. The two indices are economic indicators that measure short-term changes in the volume of ICT and Postal & Courier services over time, in relation to a given reference period. Construction of the indices is based on administrative data provided by the Postal and Telecommunications Regulatory Authority of Zimbabwe (POTRAZ).

The Laspeyres index formula was used in the compilation of the index, with 1st quarter 2024 as the base period.

In compiling the ICT index, the following information was used:

- a) Mobile Internet and Data Services (Voice Traffic and Active Subscriptions)
- b) Fixed Telephony Services (Voice Traffic and Active Subscriptions)
- c) Mobile Telephony Services (Voice Traffic and Active Subscriptions)

For the Postal and Courier Services index, the following were used:

- a) Postal Services (Domestic Letters)
- b) Courier services (Domestic Couriers, Incoming and outgoing couriers)

This release further presents quarter-on-quarter changes in the respective indices.

2. Mobile Internet and Data Services

2.1 Mobile Internet Data Traffic Index

A total of **97,193,858,572** megabytes of mobile internet data were used countrywide during the 4th quarter of 2024, compared to **78,383,164,981** megabytes used in the

preceding quarter. Resultantly, the Mobile Internet and data traffic index went up by **24.0** percent to **166.3**, from **134.1** recorded in 3rd quarter 2024. (Figures 1 and 2)

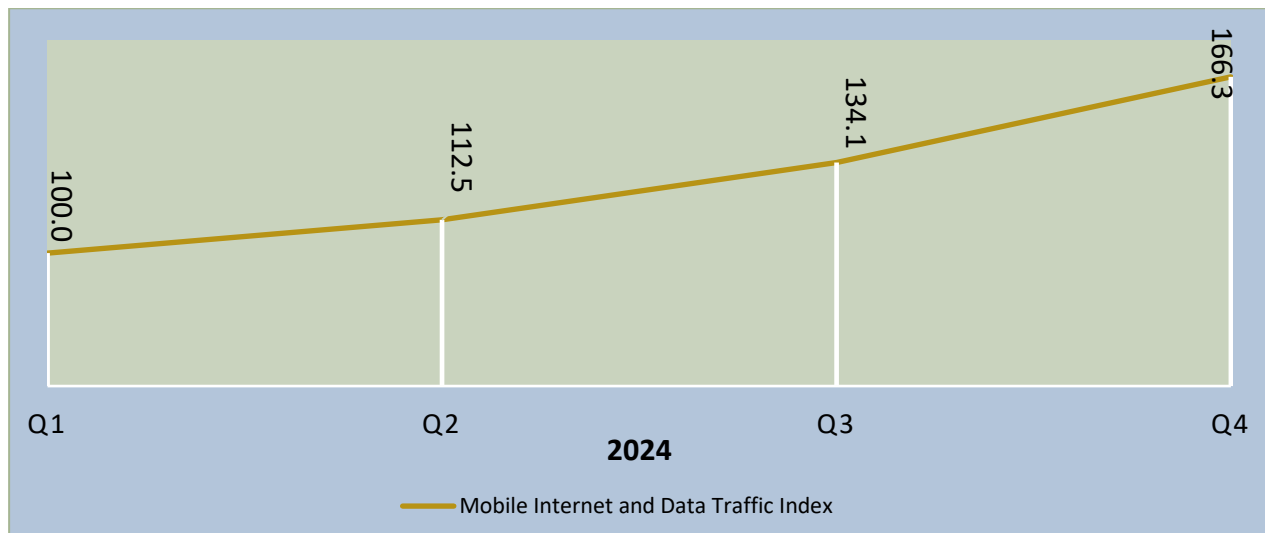


Figure 1: Quarterly Mobile Internet and Data Traffic Index, 1st Quarter 2024–4th Quarter 2024

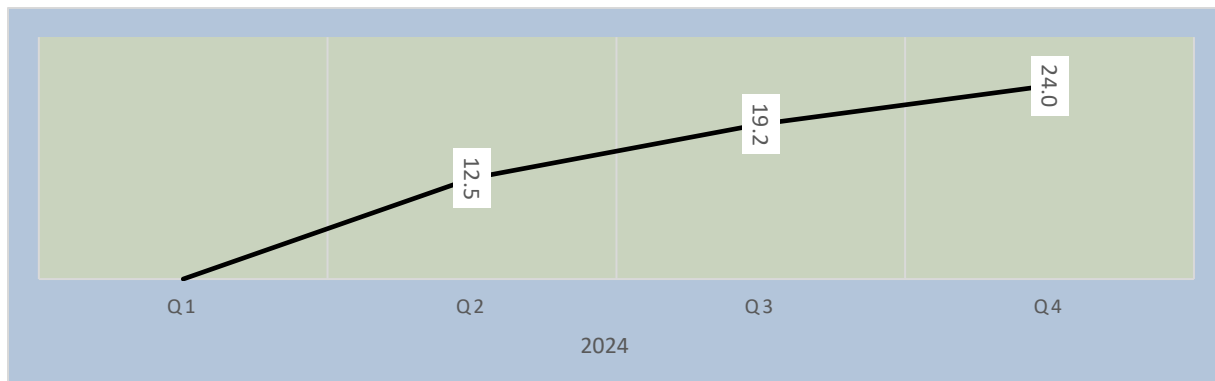


Figure 2: Quarter-on-Quarter Percentage Changes in Mobile Internet and Data Traffic Index, 1st Quarter 2024 – 4th Quarter 2024

2.2 Active Internet & Data Subscriptions Index

Active Internet and data subscriptions reached **12,493,098** in 4th quarter 2024, up from **12,275,147** in 3rd quarter 2024. Resultantly, the 4th quarter 2024 index rose

from **106.3** recorded in 3rd quarter 2024 to **108.1**, signifying a quarter-on-quarter percentage increase of **1.7**. (Figures 3 and 4).

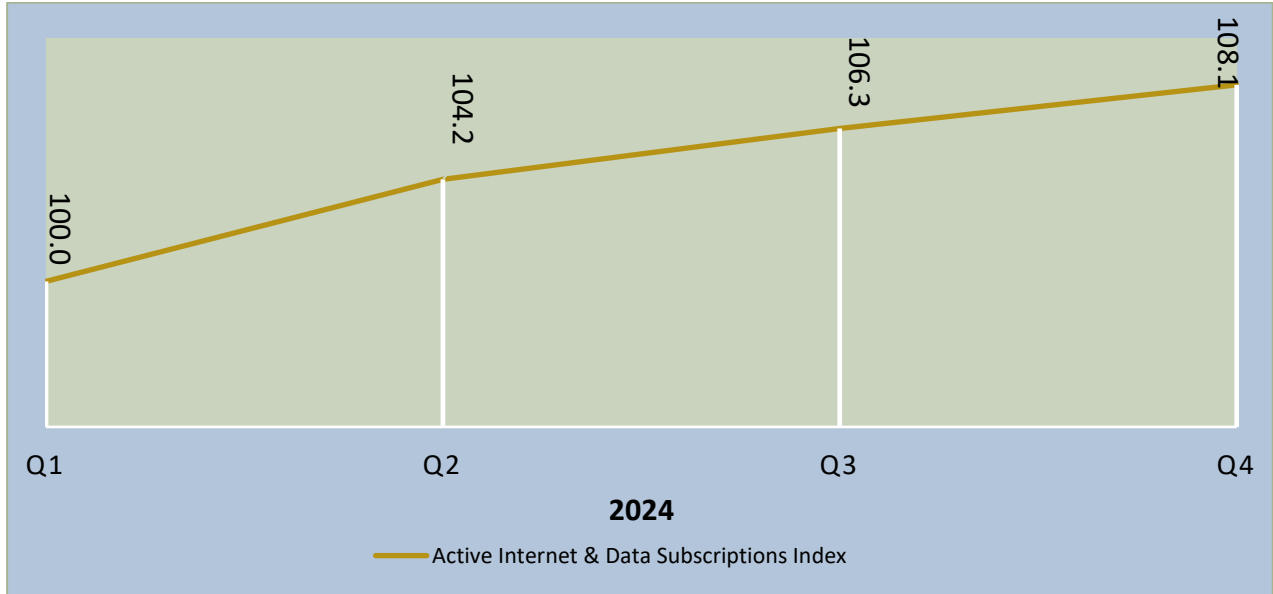


Figure 3: Quarterly Active Internet and Data Subscriptions Index, 1st Quarter 2024 – 4th Quarter 2024

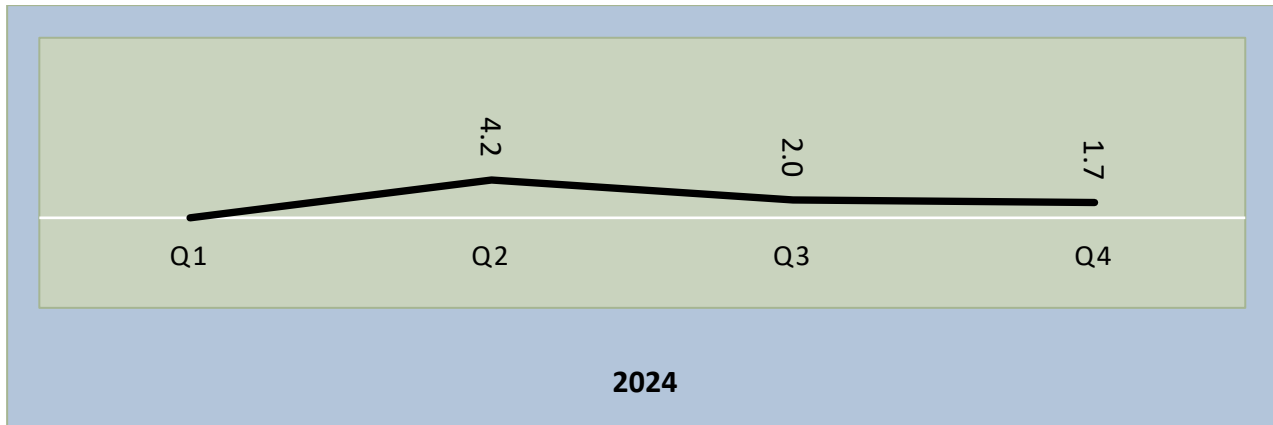


Figure 4: Quarter-on-Quarter Percentage Changes in Active Internet and Data Subscription Index, 1st Quarter 2024 – 4th Quarter 2024

3. Fixed Telephony Services

3.1 Fixed Voice Traffic (PSTN Traffic) Index

Public Switched Telephone Network (PSTN) recorded a total of **58,478,639** minutes during the 4th quarter of 2024, compared to **62,207,739** minutes in the preceding quarter. As a result, PSTN Traffic recorded an

index of **86.7** in 4th quarter 2024 compared to **92.2** recorded in 3rd quarter 2024, leading to a quarter-on-quarter decrease of **6.0** percent. (Figures 5 and 6)

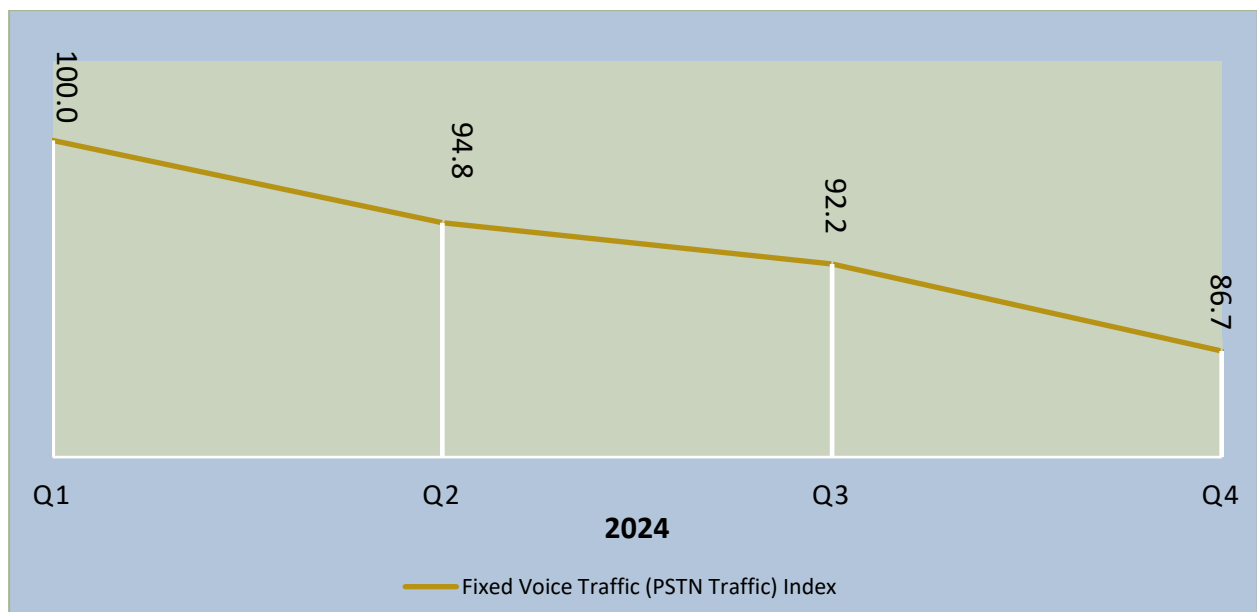


Figure 5: Quarterly Fixed Voice Traffic (PSTN Traffic) Index, 1st Quarter 2024 – 4th Quarter 2024

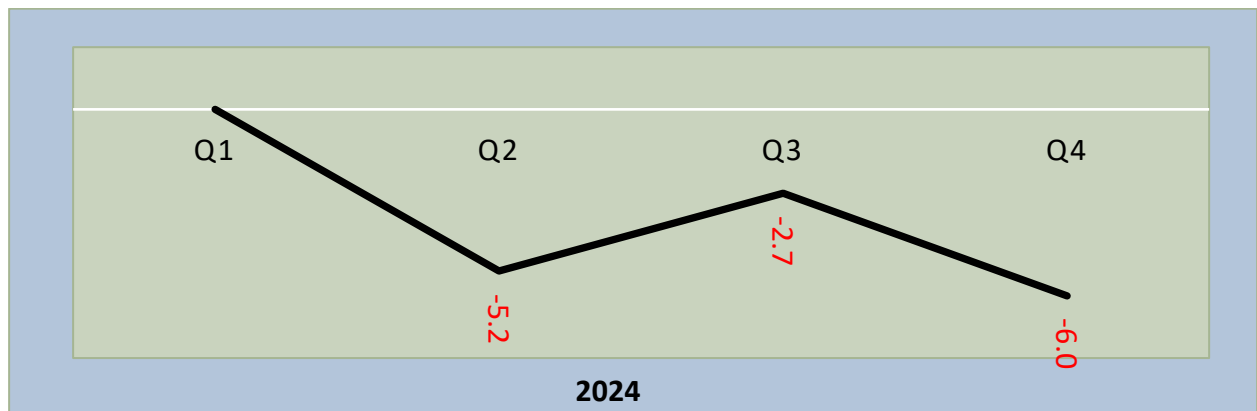


Figure 6: Quarter-on-Quarter Percentage Changes in Fixed Voice Traffic (PSTN Traffic), 1st Quarter 2024 – 4th Quarter 2024

3.2 Fixed Telephone (PSTN & VoIP) Subscription Index

Active fixed telephone subscriptions increased from **295,056** in 3rd quarter 2024 to **298,047** in the 4th quarter, translating to an index of **102.4** when compared to **101.3**

recorded in 3rd quarter 2024. The index's quarter-on-quarter percentage change was **+1.1**. (Figures 7 and 8).

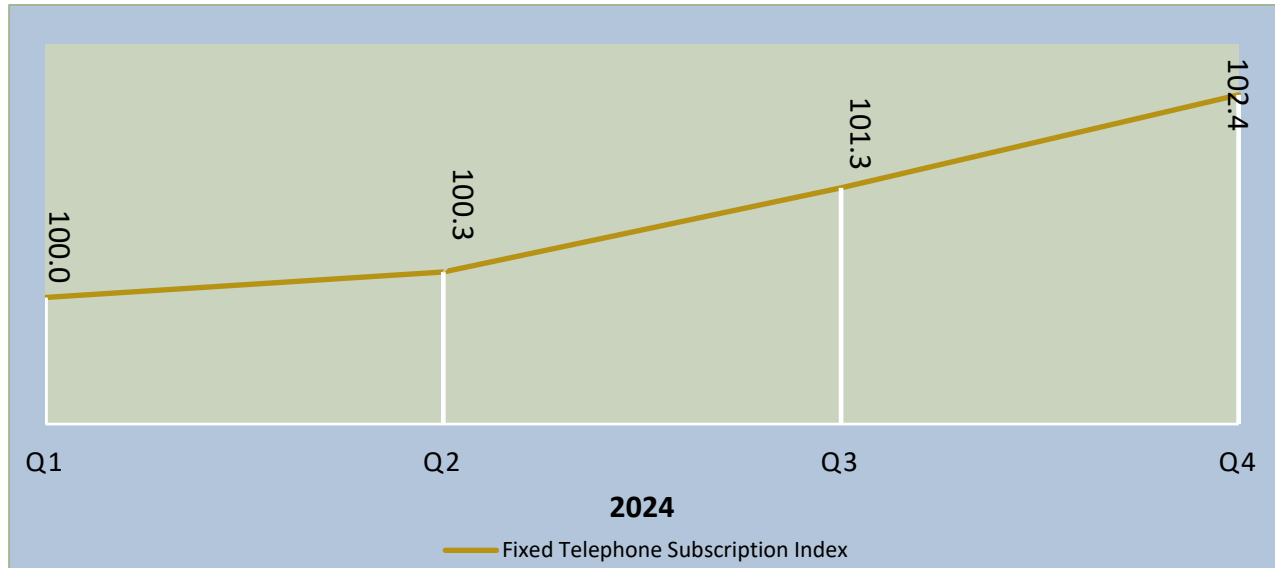


Figure 7: Quarterly Fixed Telephone Subscription Index, 1st Quarter 2024 – 4th Quarter 2024

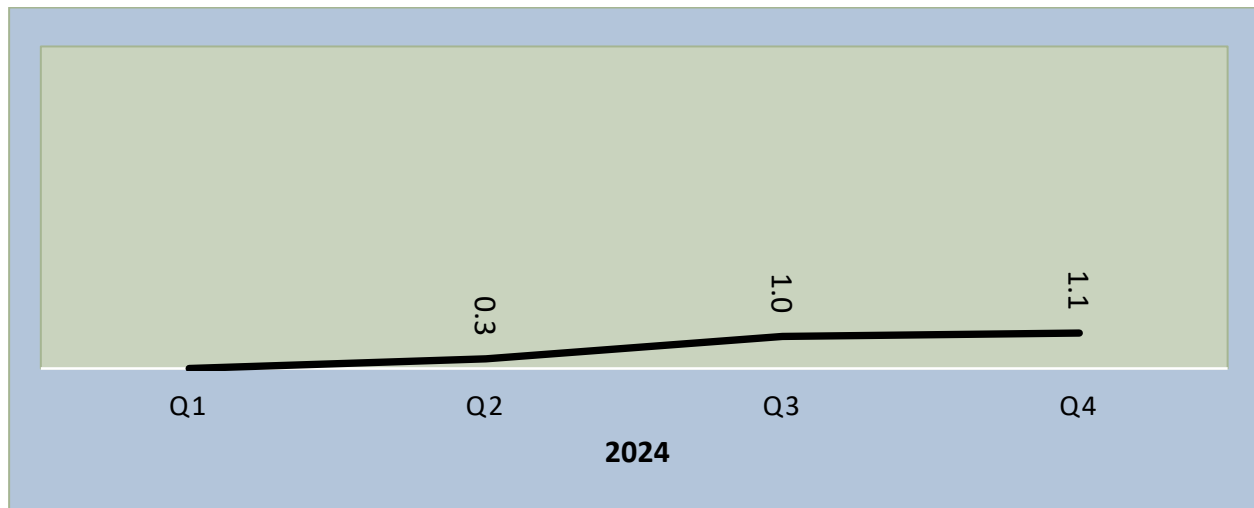


Figure 8: Quarter-on-Quarter Percentage Changes in Fixed Telephone Subscription Index, 1st Quarter 2024 – 4th Quarter 2024

4. Mobile Telephony Services

4.1 Mobile Voice Traffic Index

A total of **3,983,408,164** voice minutes were recorded by mobile network operators countrywide during the 4th quarter of 2024, compared to **2,809,620,065** voice minutes recorded in the preceding quarter.

Accordingly, an index of **129.5** was recorded in 4th quarter 2024, compared to **91.4** in 3rd quarter 2024, leading to a quarter-on-quarter percentage increase of **41.7**. (Figures 9 and 10)

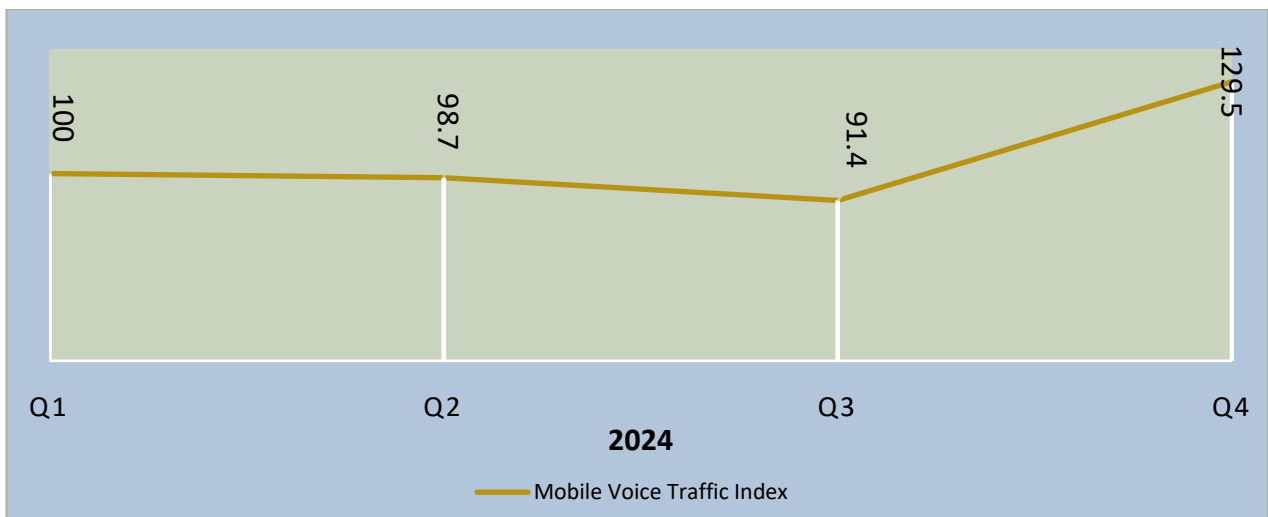


Figure 9: Quarterly Mobile Voice Traffic Index, 1st Quarter 2024 – 4th Quarter 2024

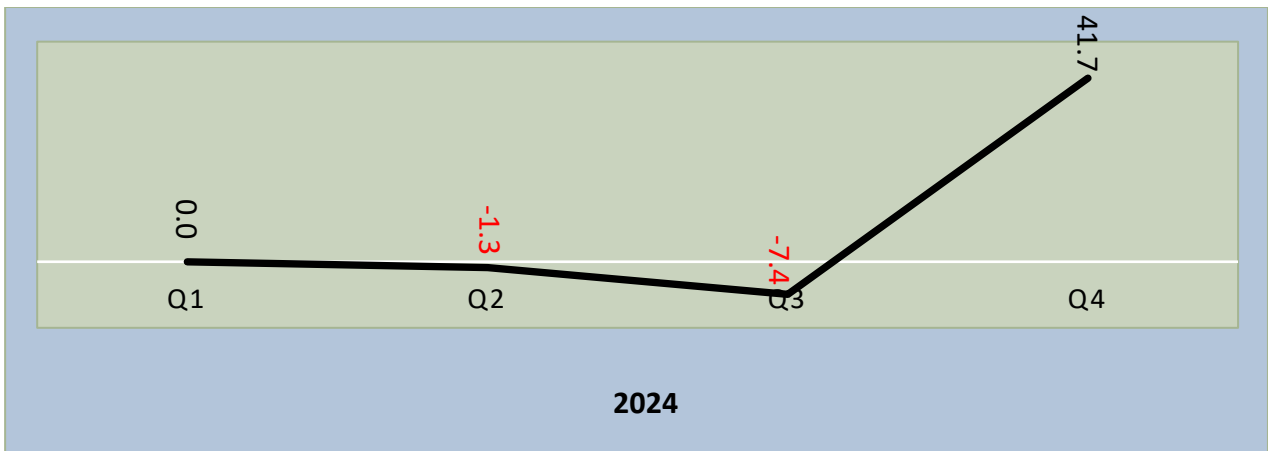


Figure 10: Quarter-on-Quarter Percentage Changes in Mobile Voice Traffic Index, 1st Quarter 2024 – 4th Quarter 2024

4.2 Active Mobile Subscription Index

Active mobile subscriptions reached **15,677,094** in 4th quarter 2024, up from **15,116,302** in 3rd quarter 2024. As a result, an index of **106.4** was recorded during the

quarter under review. Quarter-on-quarter comparison shows a **3.7** percent increase in the index when compared to **102.6** recorded in 3rd quarter 2024. (Figures 11 and 12)

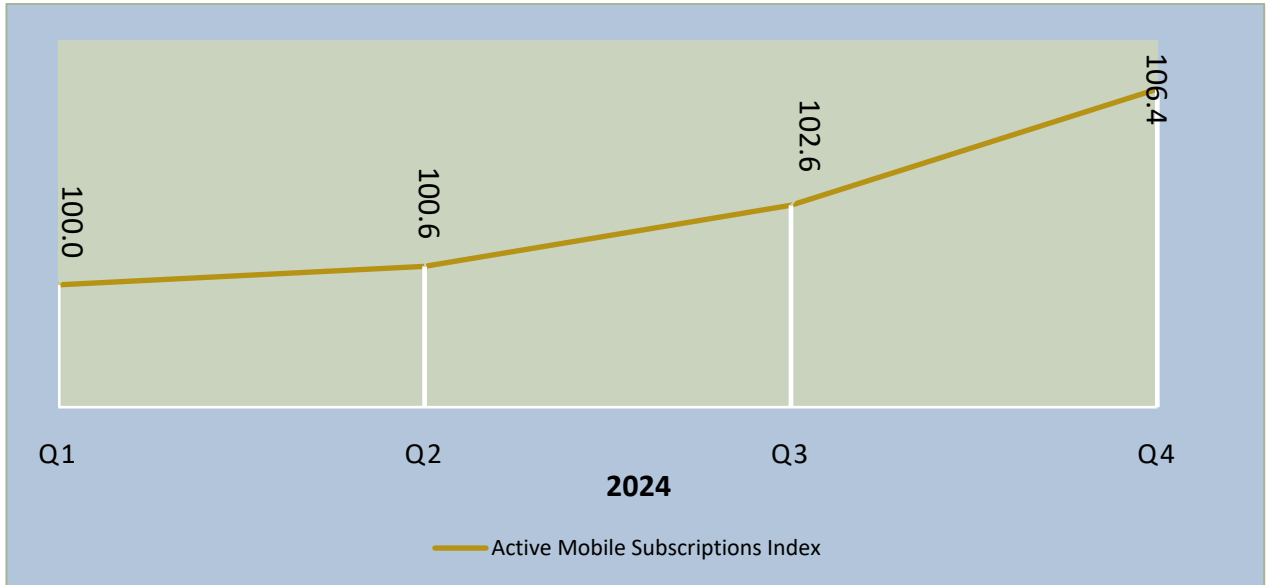


Figure 11: Quarterly Active Mobile Subscription Index, 1st Quarter 2024 – 4th Quarter 2024

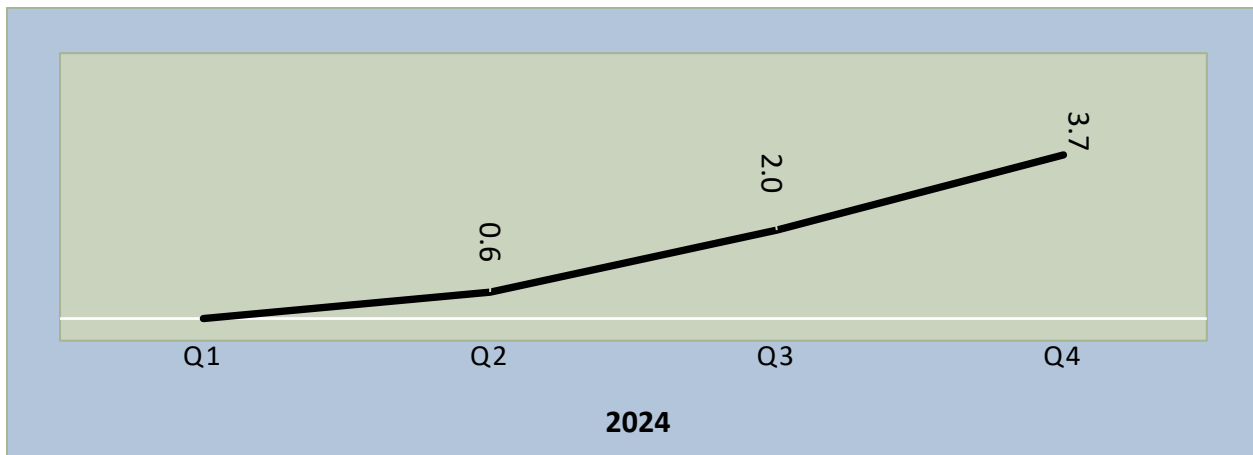


Figure 12: Quarter-on-Quarter Percentage Changes in Active Mobile Subscription Index, 1st Quarter 2024 – 4th Quarter 2024

5. Overall Traffic and Subscription Indices

5.1. Overall Traffic Index

The overall traffic index for 4th quarter 2024 was **135.6** compared to **102.2** in 3rd quarter 2024, depicting a quarter-on-quarter increase of **32.7** percent, (Figures 13 and 14).

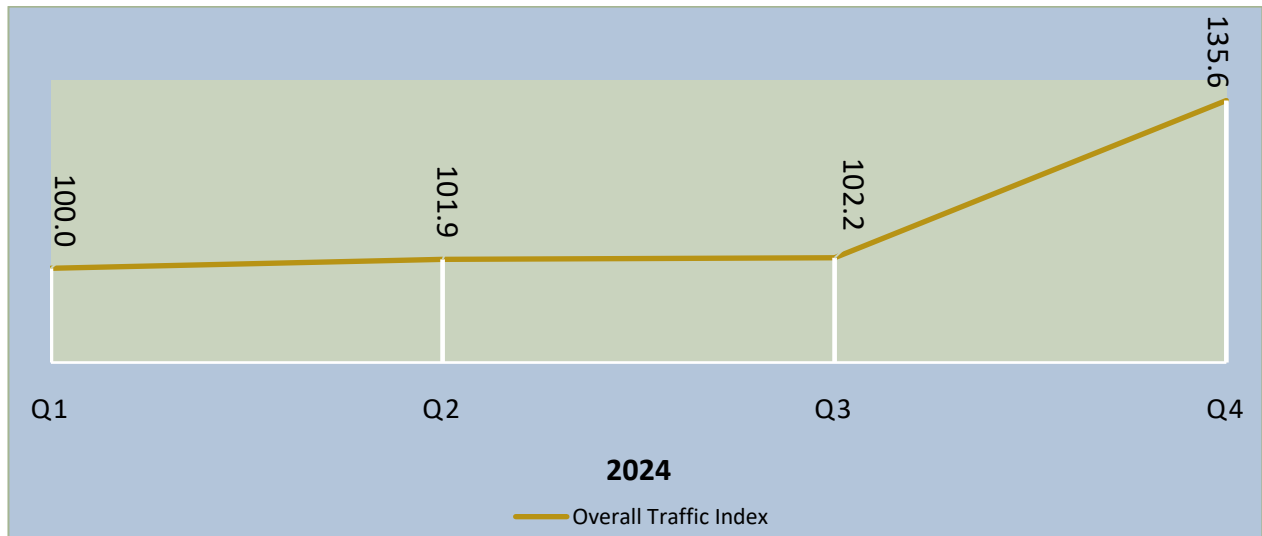


Figure 13: Quarterly Overall Traffic Index, 1st Quarter 2024 – 4th Quarter 2024

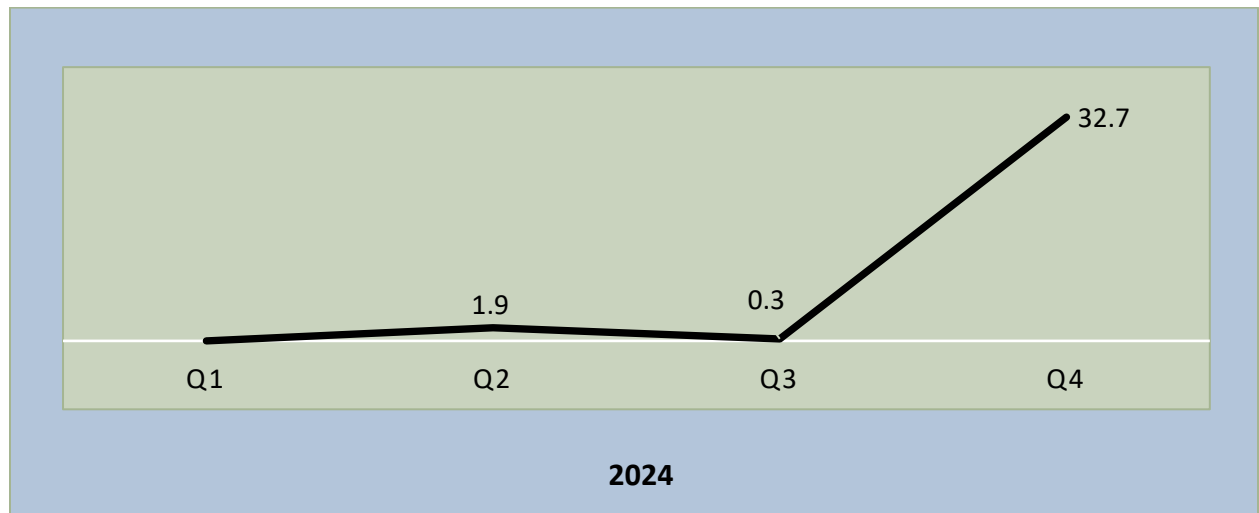


Figure 14: Quarter-on-Quarter Percentage Changes in Overall Traffic Index, 1st Quarter 2024 – 4th Quarter 2024

5.2. Overall Subscription Index

The overall subscription index for 4th quarter 2024 was **106.5**, compared to **103.4** in 3rd quarter 2024, thus reflecting a quarter-on-

quarter increase of **3.0** percent, (Figure 15 and 16).

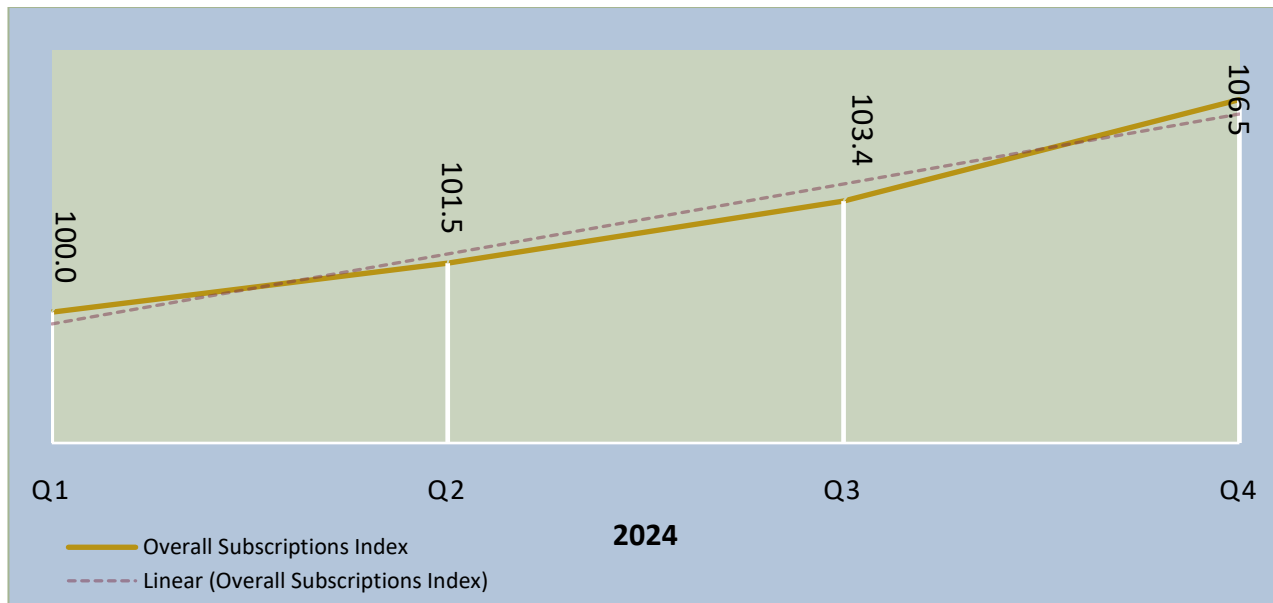


Figure 15: Quarterly Overall Subscription Index, 1st Quarter 2024 – 4th Quarter 2024

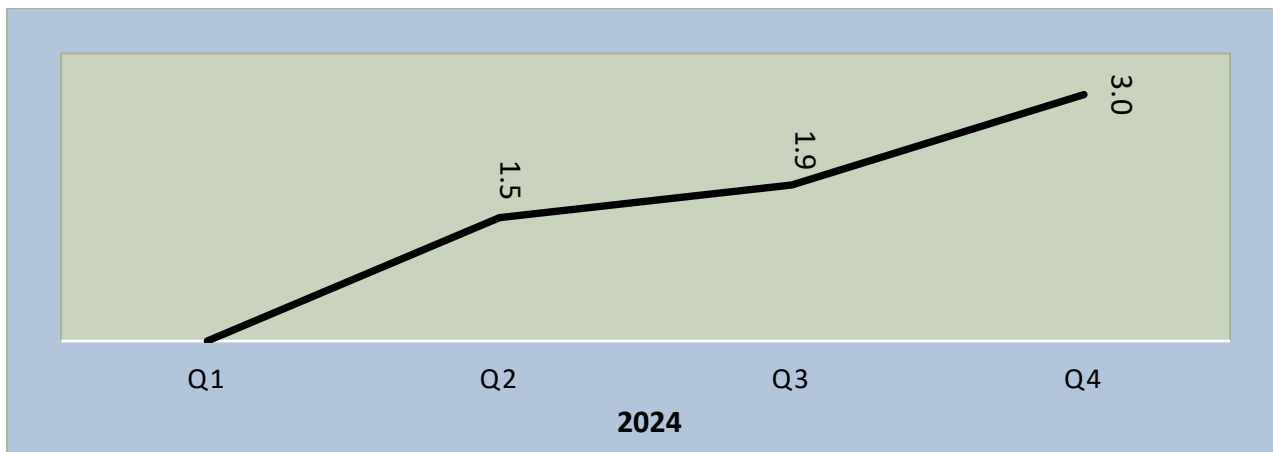


Figure 16: Quarter-on-Quarter Percentage Changes in Overall Subscription Index, 1st Quarter 2024 – 4th Quarter 2024

6. Information and Communication Technology Index

The Information and Communication Technology index went up by **17.8** percent to **121.1** in 4th quarter 2024, from **102.8** recorded in 3rd quarter 2024, (Figure 17 and 18).

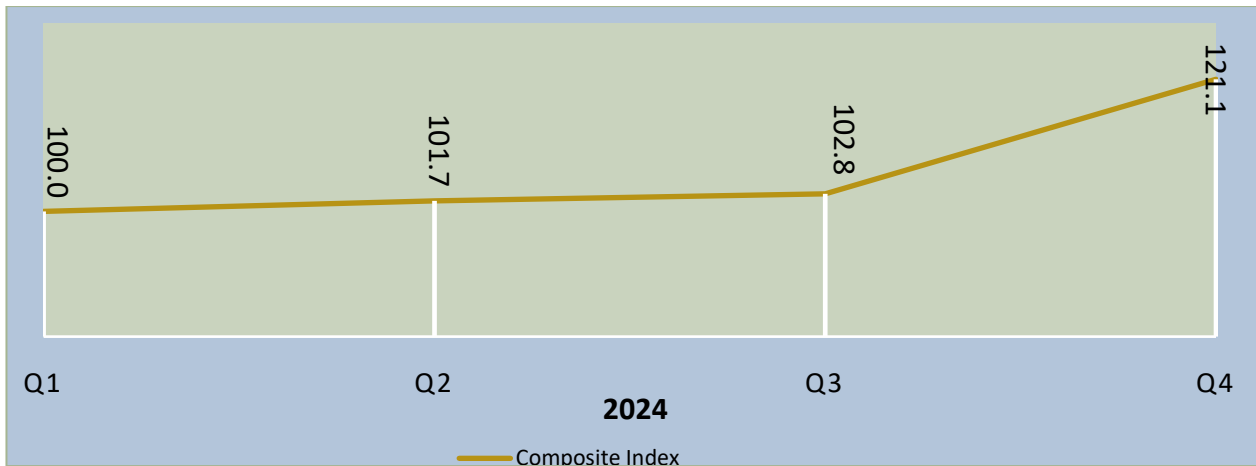


Figure 17: Quarterly Composite Index, 1st Quarter 2024 – 4th Quarter 2024

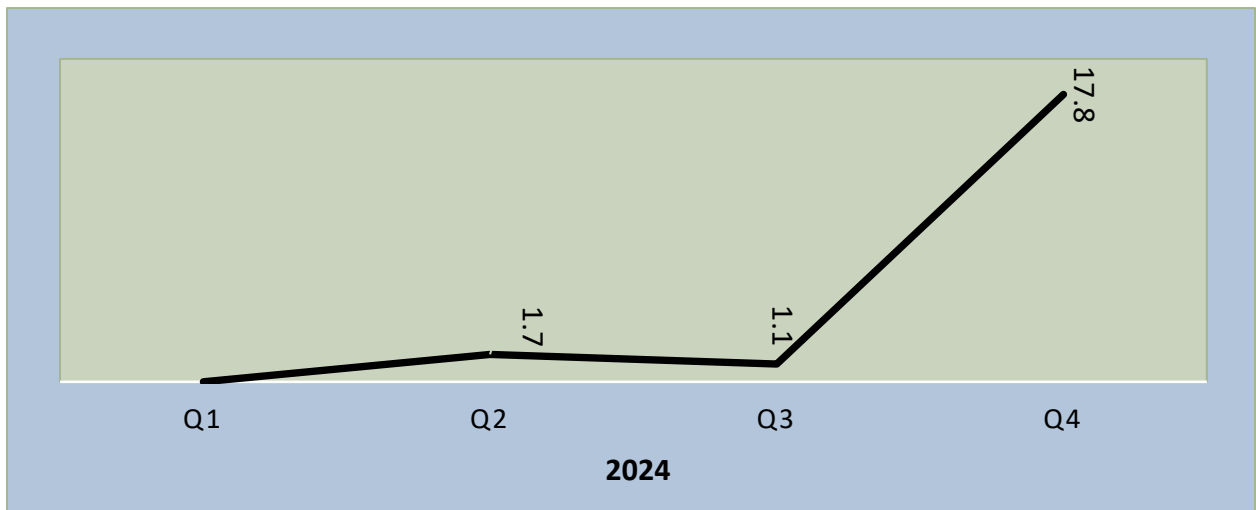


Figure 18: Quarter-on-Quarter Percentage Changes in Composite Index, 1st Quarter 2024 – 4th Quarter 2024

7. Postal Services Index

A total of **125,921** domestic postal letters were recorded during the 4th quarter of 2024, compared to **207,484** in the preceding quarter. As a result, postal services recorded

a **39.3** percent quarter-on-quarter decrease in the index from **149.5** in 3rd quarter 2024 to **90.8** in the fourth quarter. (Figures 19 and 20).

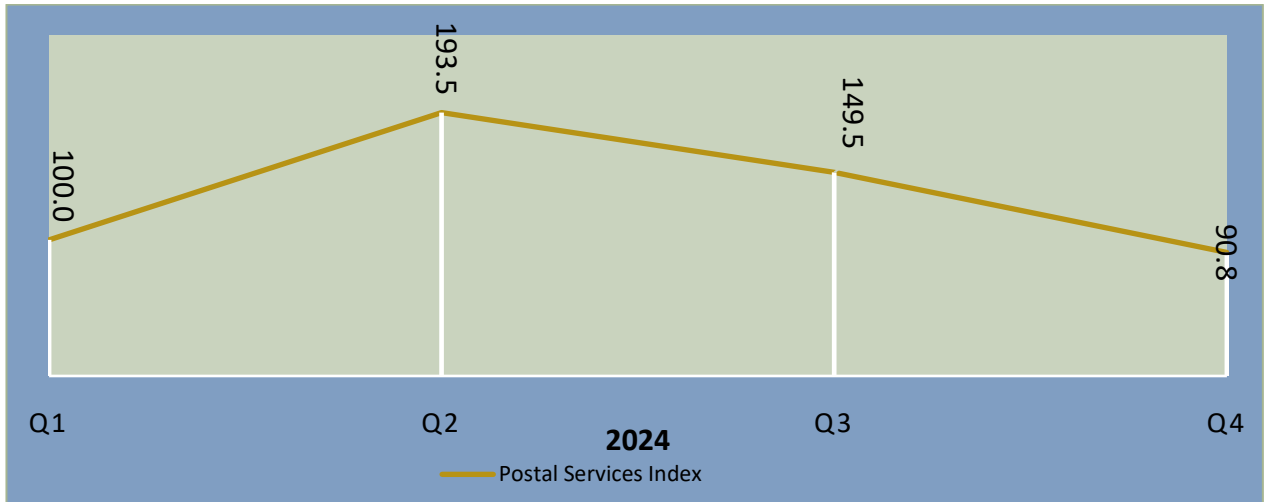


Figure 19: Quarterly Postal Services Index, 1st Quarter 2024 – 4th Quarter 2024

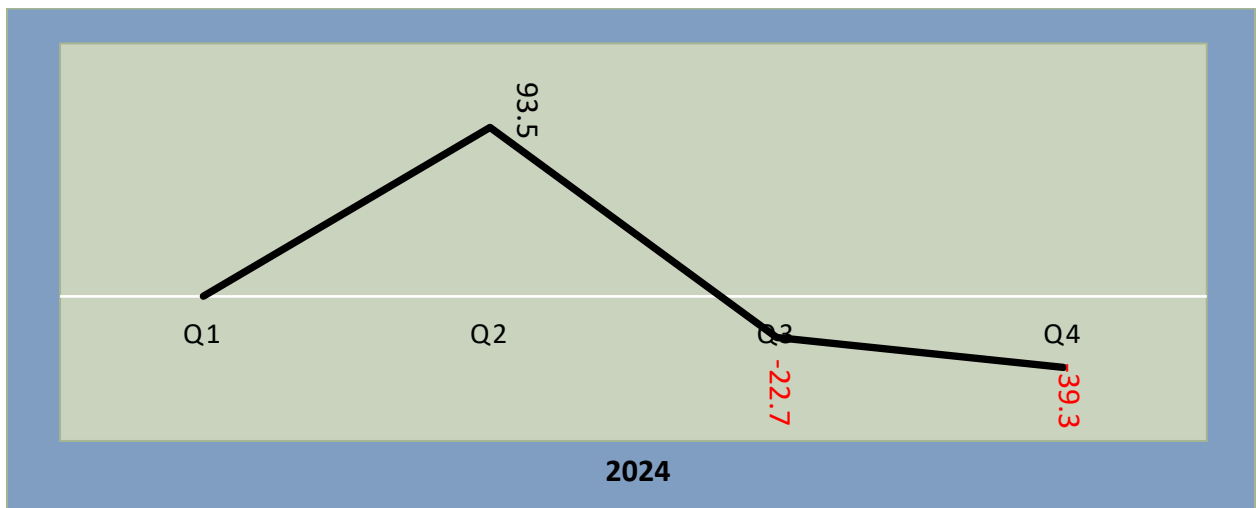


Figure 20: Quarter-on-Quarter Percentage Changes in Postal Services Index, 1st Quarter 2024 – 4th Quarter 2024

8. Courier Services Index

A total of **159,120** couriers were recorded during the 4th quarter of 2024, compared to **190,061** in the preceding quarter. Resultantly, the courier services index

dropped by **16.3** percent, from **150.7** in 3rd quarter 2024 to **126.2** the fourth quarter. (Figures 21 and 22).

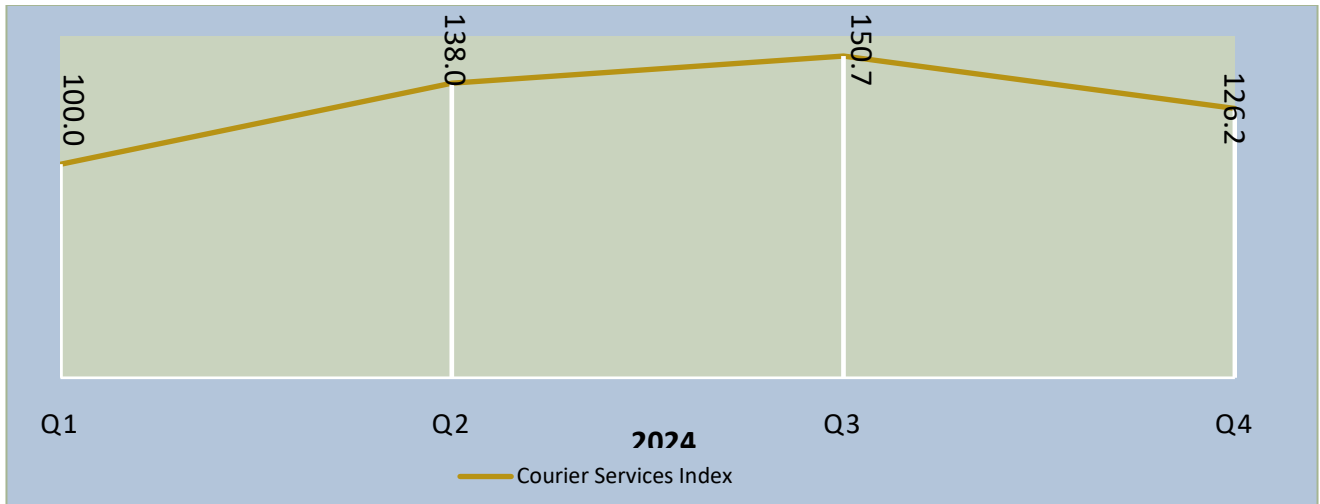


Figure 21: Quarterly Courier Services Index, 1st Quarter 2024 – 4th Quarter 2024

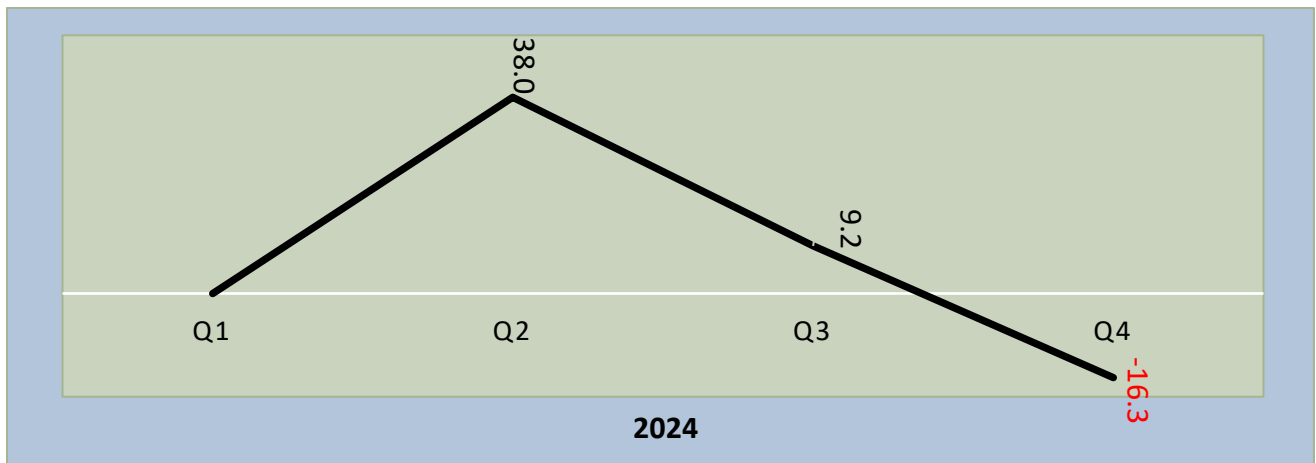


Figure 22: Quarter-on-Quarter Percentage Changes in Courier Services Index, 1st Quarter 2024 – 4th Quarter 2024

9. Composite Postal and Courier Services Index

The composite postal and courier services index for 4th quarter 2024 was **117.6** from **150.4** in 3rd quarter 2024 and depicting a

quarter-on-quarter decrease of **21.8** percent. (Figure 23 and 24)

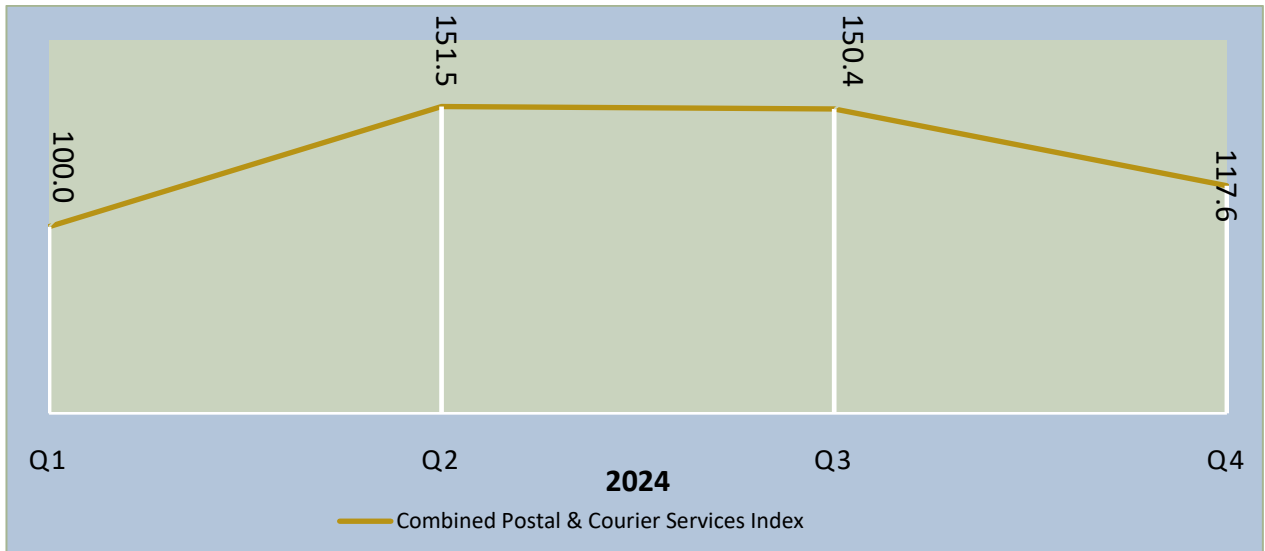


Figure 23: Quarterly Combined Postal and Courier Services Index, 1st Quarter 2024 – 4th Quarter 2024

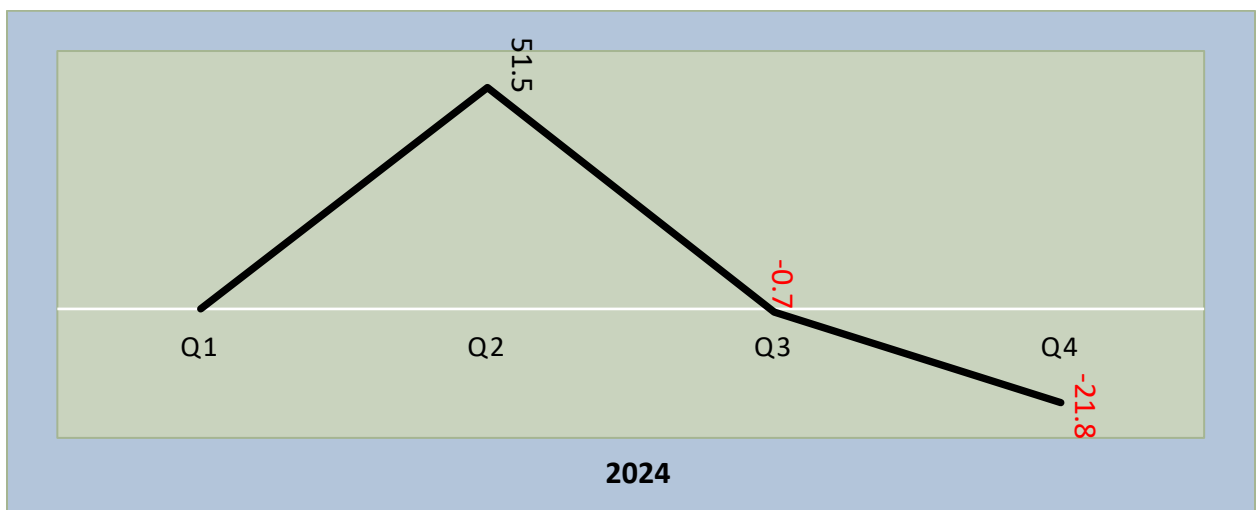


Figure 24: Quarter-on-Quarter Percentage Changes in Combined Postal and courier Services Index, 1st Quarter 2024 – 4th Quarter 2024

10. Appendix

Appendix 1: ICT Index indicators and weights		
Indicators	Weights (sub-indices)	Weights (Indicators)
Mobile internet and data services sub-Index	52.2	
Fixed telephony services sub-Index	7.4	
Mobile telephony services sub-Index	67.4	
Traffic Index		50.0
Subscription Index		50.0
Information Communication Technology Index		100.0

Appendix 2: Postal and Courier Services Index indicators and weights	
Indicators	Weights
Postal Services	24.3
Courier Services	75.7
Combined Postal and Courier Services Index	100.0