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# Ericsson Mobility Report

This document is a scheduled update to the quarterly subscription and traffic data section in the Ericsson Mobility Report, released in November 2024.

To view or download a copy of the original report, please visit:  
[www.ericsson.com/mobility-report](http://www.ericsson.com/mobility-report)

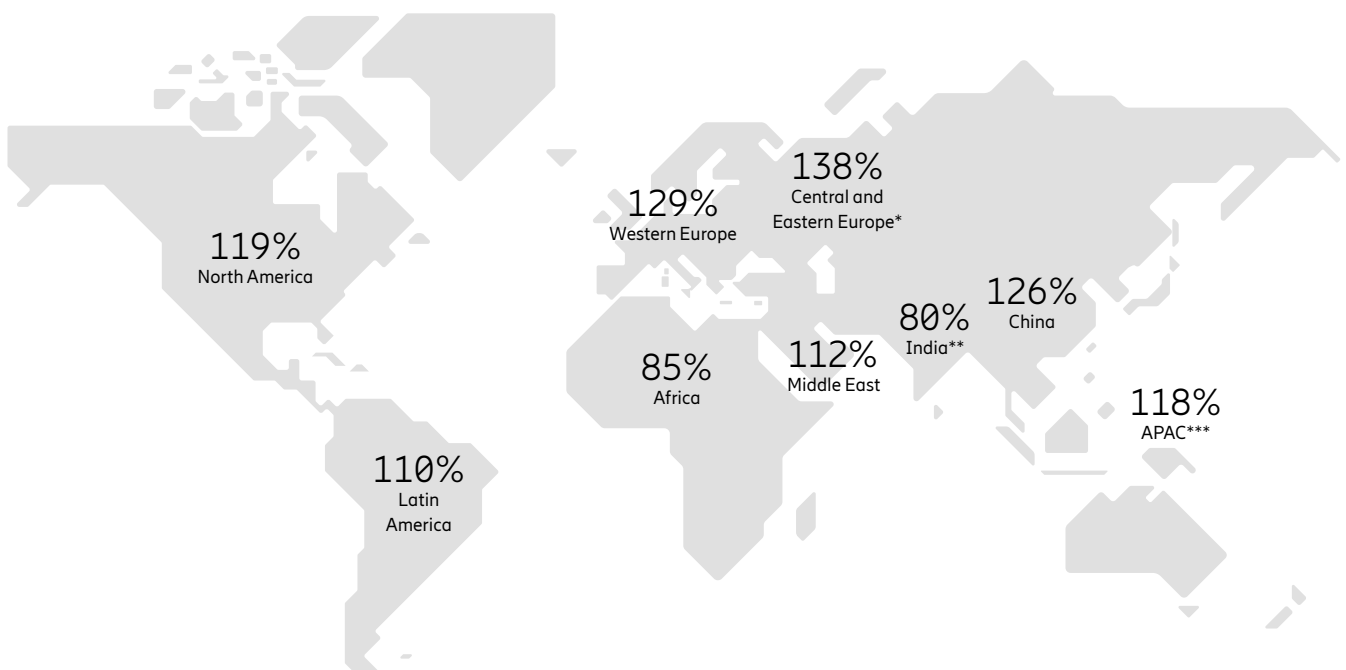
## Q4 2024 Update

# Mobile subscriptions Q4 2024

In Q4 2024, 5G reached close to 2.3 billion subscriptions globally.

- In Q4 2024, the number of mobile subscriptions totaled close to 8.7 billion, with a net addition of 41 million subscriptions during the quarter.
- India accounted for the most net additions during the quarter (+8 million), followed by China (+4 million) and the Philippines (+3 million).
- Global mobile subscription penetration was 107 percent.
- The number of mobile broadband subscriptions grew by about 80 million in the quarter to reach 7.8 billion, a year-on-year increase of 4 percent. Mobile broadband now accounts for 90 percent of all mobile subscriptions.
- 5G subscriptions grew by 162 million during the quarter, lifting the total to almost 2.3 billion. This represents 26 percent of all mobile subscriptions. Around 340 communications service providers have launched commercial 5G services and over 60 have deployed or launched 5G standalone (SA) networks.<sup>1</sup>
- 4G subscriptions continued to decline during the quarter, falling by 54 million as subscribers migrate to 5G. The total number of 4G subscriptions is around 5 billion, representing about 57 percent of all mobile subscriptions. WCDMA/HSPA subscriptions declined by 32 million and GSM/EDGE-only subscriptions dropped by 34 million during the quarter.
- The number of unique mobile subscribers is 6.6 billion. The difference between the number of subscriptions and the number of subscribers is due to inactive subscriptions, multiple device ownership and/or the optimization of subscriptions for different types of calls.

Figure 1: Subscription penetration Q4 2024 (percent of population)



\*Central and Eastern Europe region includes Russia.

\*\*India region includes India, Nepal and Bhutan.

\*\*\*APAC region figure excludes China and India.

<sup>1</sup> GSA (December 2024).

Figure 3: Total<sup>2</sup> and net additions for mobile subscriptions Q4 2024 (million)

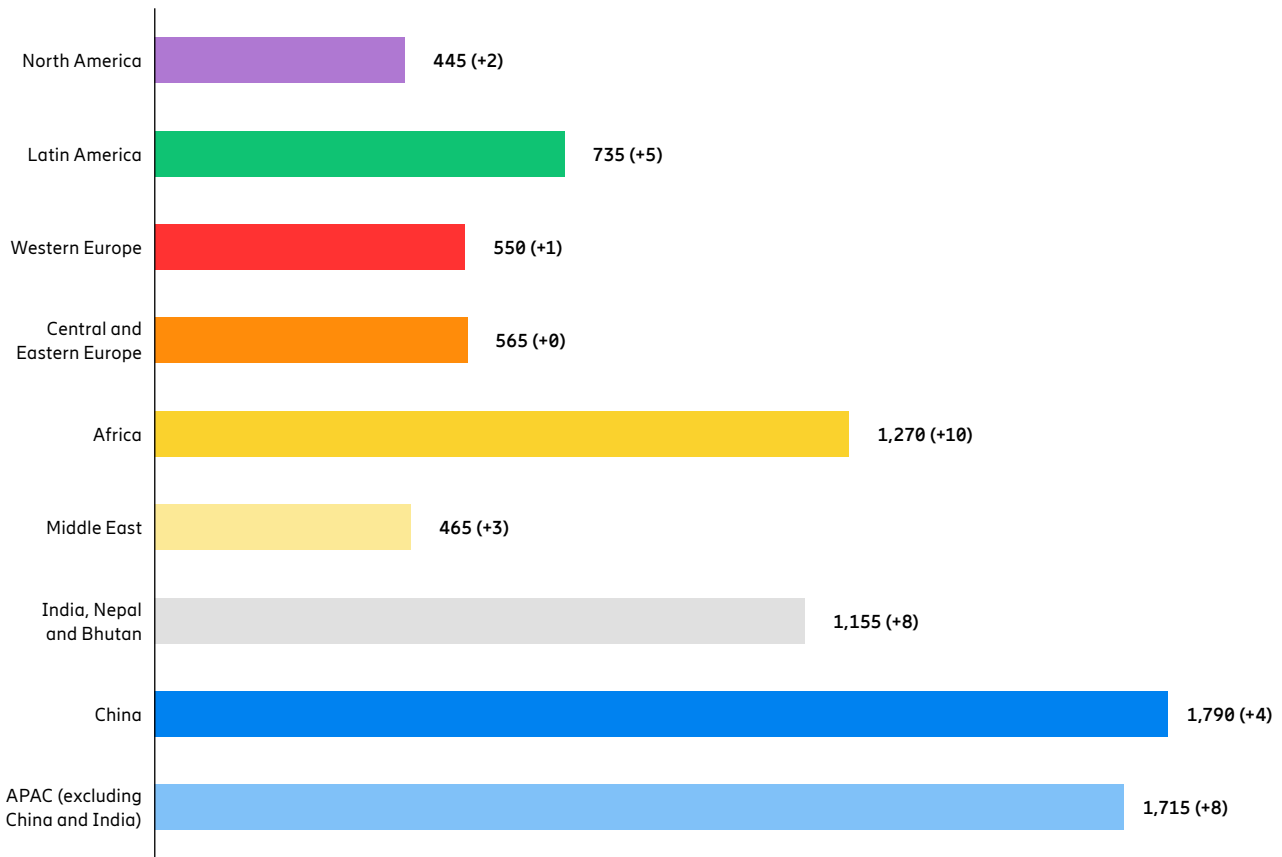
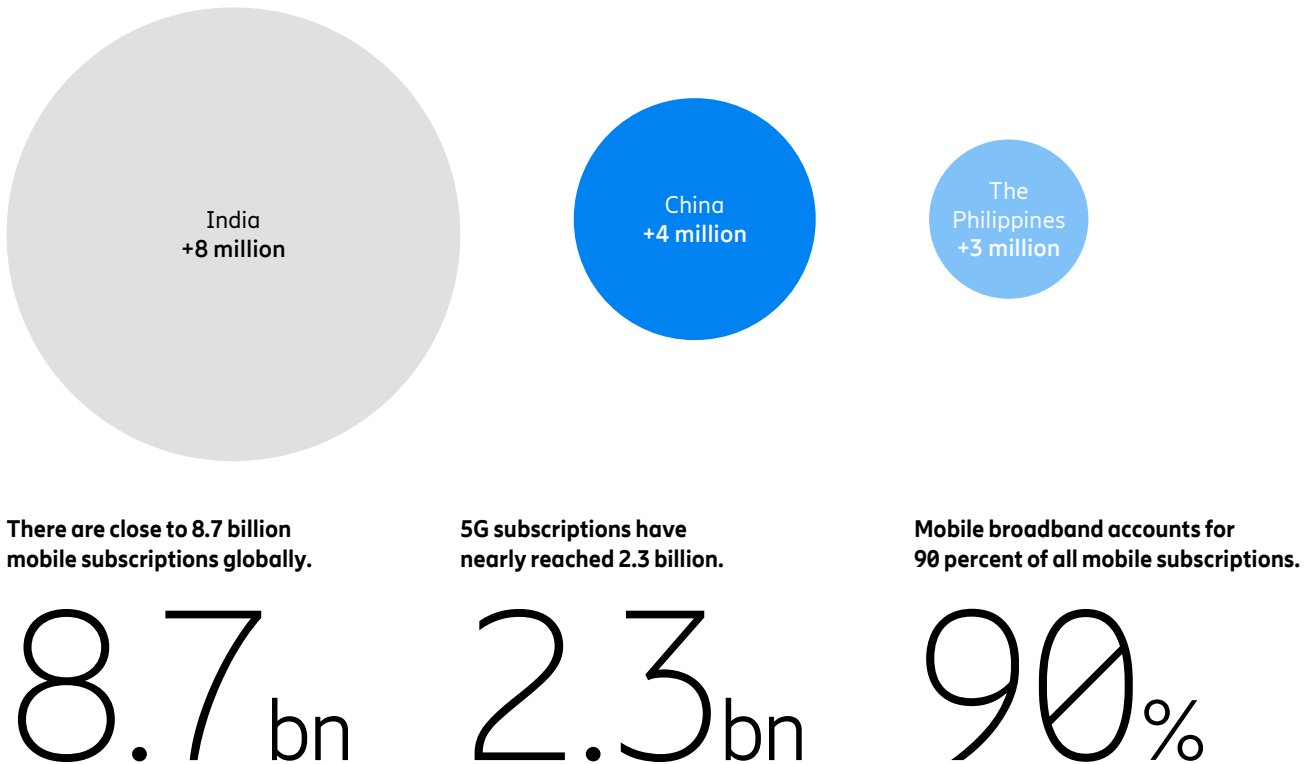


Figure 4: Top three countries by net additions Q4 2024



<sup>2</sup> Historical data is revised if the underlying data changes, for example if service providers report updated subscription figures.

# Mobile network traffic Q4 2024

Mobile network data traffic grew 20 percent between Q4 2023 and Q4 2024, reaching 164 EB per month.

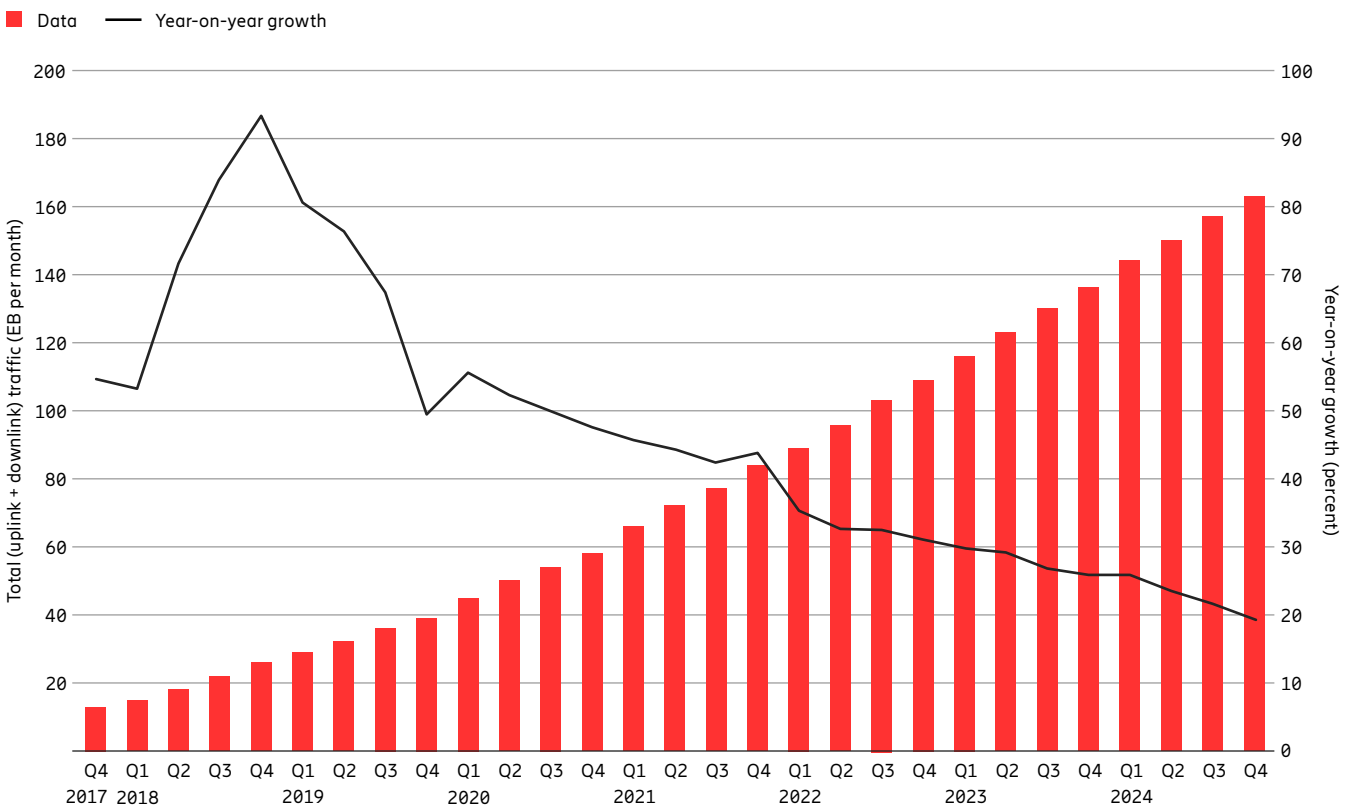
The quarter-on-quarter mobile network data traffic growth between Q3 2024 and Q4 2024 was around 4 percent.

Long-term traffic<sup>3</sup> growth is driven by continued strong uptake of smartphone subscriptions and an

increasing average data volume per subscription, fueled by data-intensive services such as video. There are large differences in traffic levels between markets, regions and service providers.

The graph below shows the total global monthly network data traffic from Q4 2017 to Q4 2024, along with the year-on-year percentage growth for mobile network data traffic.

Figure 5: Global mobile network data traffic and year-on-year growth (EB per month)



Note: Mobile network data traffic also includes traffic generated by Fixed Wireless Access (FWA) services.

<sup>3</sup>Traffic does not include DVB-H, Wi-Fi or Mobile WiMAX. VoIP is included.