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Ericsson Mobility Report

Q4 2022 Update

This document is a scheduled update to the quarterly subscription and traffic data section in the Ericsson Mobility Report, released in November 2022

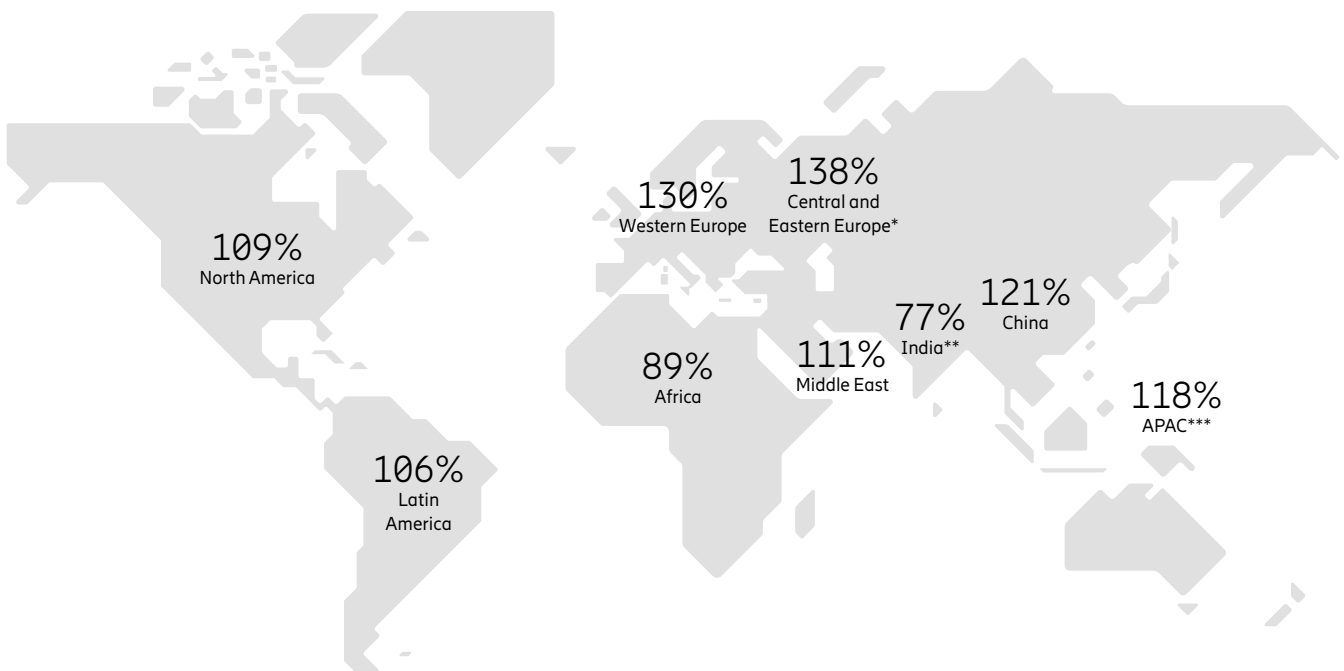
To view or download a copy of the original report, please visit: www.ericsson.com/mobility-report

Mobile subscriptions Q4 2022

In Q4 2022, 5G exceeded 1 billion subscriptions globally.

- In Q4 2022, the total number of mobile subscriptions reached around 8.4 billion, with a net addition of 39 million subscriptions during the quarter.
- Nigeria accounted for the most net additions during the quarter (+4 million), followed by the Philippines (+4 million) and Indonesia (+3 million).
- Global mobile subscription penetration was 106 percent.
- The number of mobile broadband subscriptions grew by about 80 million in the quarter, totaling 7.2 billion, a year-on-year increase of 5 percent. Mobile broadband accounts for 86 percent of all mobile subscriptions.
- 5G subscriptions¹ grew by 136 million during the quarter, lifting the total to just above 1 billion. 235 communications service providers have launched commercial 5G services and around 35 have deployed or launched 5G standalone (SA) networks.²
- 4G subscriptions increased by 36 million to around 5.1 billion, representing 60 percent of all mobile subscriptions, while WCDMA/HSPA subscriptions declined by 89 million. GSM/EDGE-only subscriptions dropped by 40 million during the quarter, and other technologies³ decreased by about 4 million.
- The number of unique mobile subscribers is 6.1 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.

Subscription penetration Q4 2022 (percent of population)



*Central and Eastern Europe region includes Russia.

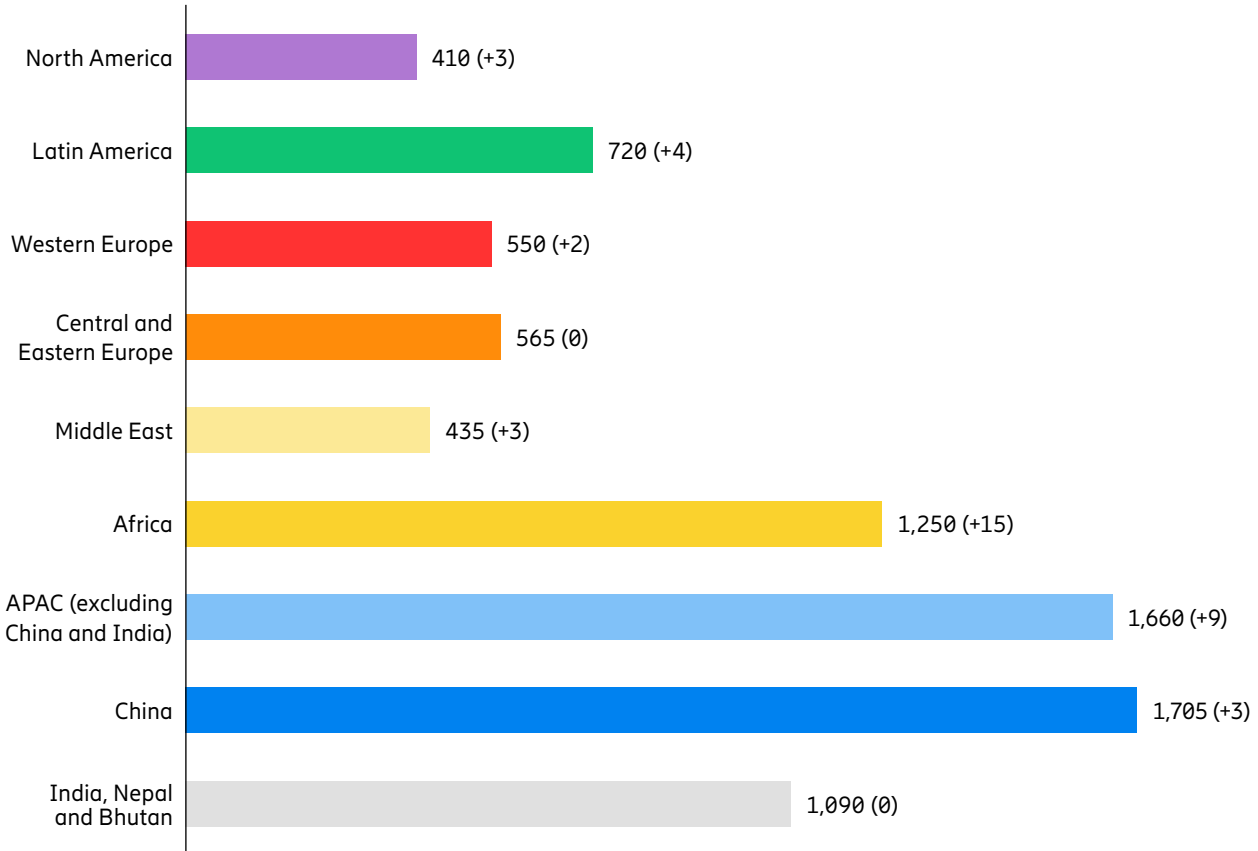
**India region includes India, Nepal and Bhutan.

***Excluding China and India.

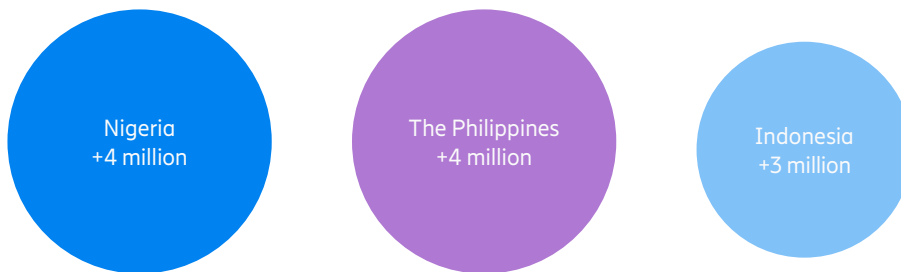
¹ A 5G subscription is a 5G service agreement and an associated 5G-capable device.

² GSA (January 2023).

³ Mainly CDMA2000 EVDO, TD-SCDMA and Mobile WiMAX.

Total⁴ and net additions for mobile subscriptions Q4 2022 (million)

Top three countries by net additions Q4 2022



There are now 8.4 billion mobile subscriptions globally.

8.4bn

5G subscriptions now exceed 1 billion.

1bn

Mobile broadband accounts for 86 percent of all mobile subscriptions.

86%

⁴Historical data is revised if the underlying data changes, for example if service providers report updated subscription figures.

Mobile network traffic Q4 2022

Mobile network data traffic grew 40 percent between Q4 2021 and Q4 2022, reaching 118 EB per month.

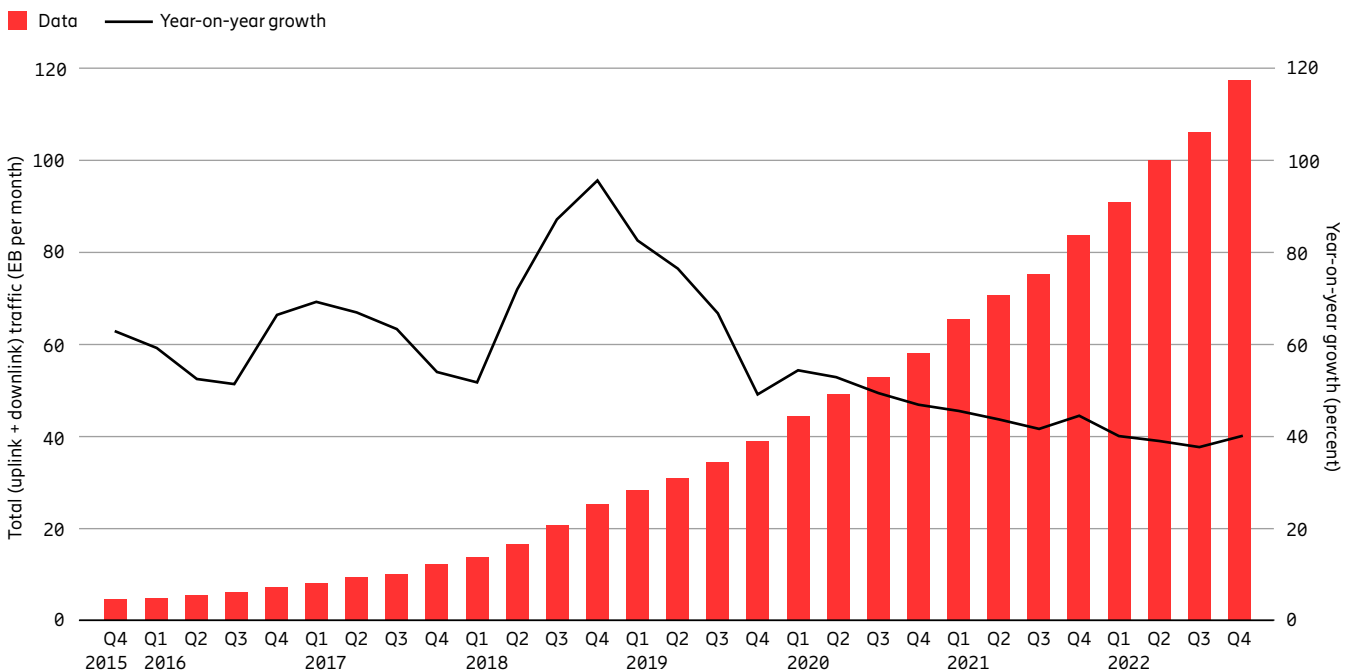
The quarter-on-quarter mobile network data traffic growth between Q3 2022 and Q4 2022 was 10 percent. Total monthly global mobile network data traffic reached 118 EB. In absolute numbers, this means that mobile network data traffic has doubled in just two years.

Over the long term, traffic⁵ growth is driven by both the rising number of smartphone subscriptions and an

increasing average data volume per subscription, fueled primarily by increased viewing of video content. 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 2015 to Q4 2022, along with the year-on-year percentage growth for mobile network data traffic.

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



Source: Ericsson traffic measurements (Q4 2022).

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

⁵ Traffic does not include DVB-H, Wi-Fi or Mobile WiMAX. VoIP is included.