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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 June 2024.

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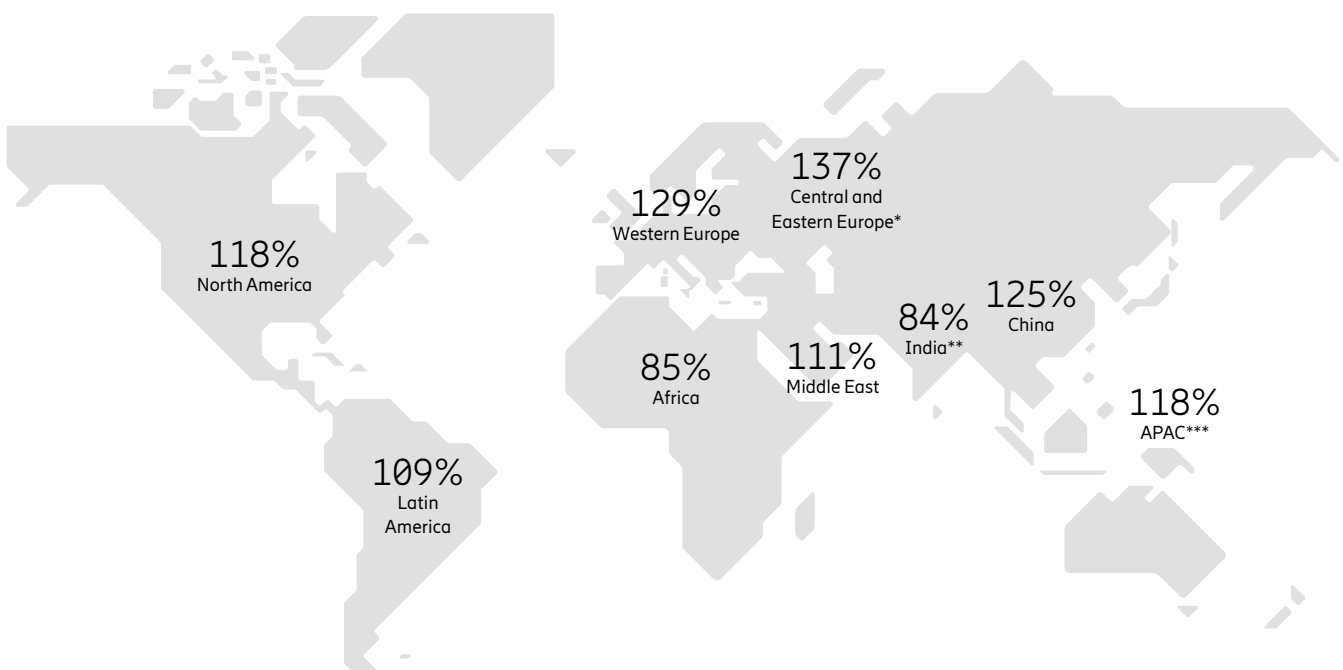
Q2 2024 Update

Mobile subscriptions Q2 2024

In Q2 2024, 5G reached 1.9 billion subscriptions globally.

- In Q2 2024, the number of mobile subscriptions totaled close to 8.7 billion, with a net addition of 60 million subscriptions during the quarter.
- China accounted for the most net additions during the quarter (+22 million), followed by India (+8 million) and Bangladesh (+2 million).
- Global mobile subscription penetration was 107 percent.
- The number of mobile broadband subscriptions grew by about 100 million in the quarter, totaling 7.7 billion, a year-on-year increase of 5 percent. Mobile broadband accounts for 89 percent of all mobile subscriptions.
- 5G subscriptions¹ grew by 161 million during the quarter, lifting the total to above 1.9 billion. This represents 22 percent of all mobile subscriptions. Around 320 communications service providers have launched commercial 5G services² and over 60 have deployed or launched 5G standalone (SA) networks.³
- 4G subscriptions continued to decline during the quarter. The total was reduced by 25 million as subscribers continue to migrate to 5G. The total number of 4G subscriptions is around 5.2 billion, representing around 60 percent of all mobile subscriptions. WCDMA/HSPA subscriptions declined by 34 million and GSM/EDGE-only subscriptions dropped by 41 million during the quarter.
- The number of unique mobile subscribers is 6.5 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 Q2 2024 (percent of population)



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

² GSA (August 2024)

³ GSA (August 2024)

*Central and Eastern Europe region includes Russia.

**India region includes India, Nepal and Bhutan.

***APAC region figure excludes China and India.

Figure 2: Total⁴ and net additions for mobile subscriptions Q2 2024 (million)

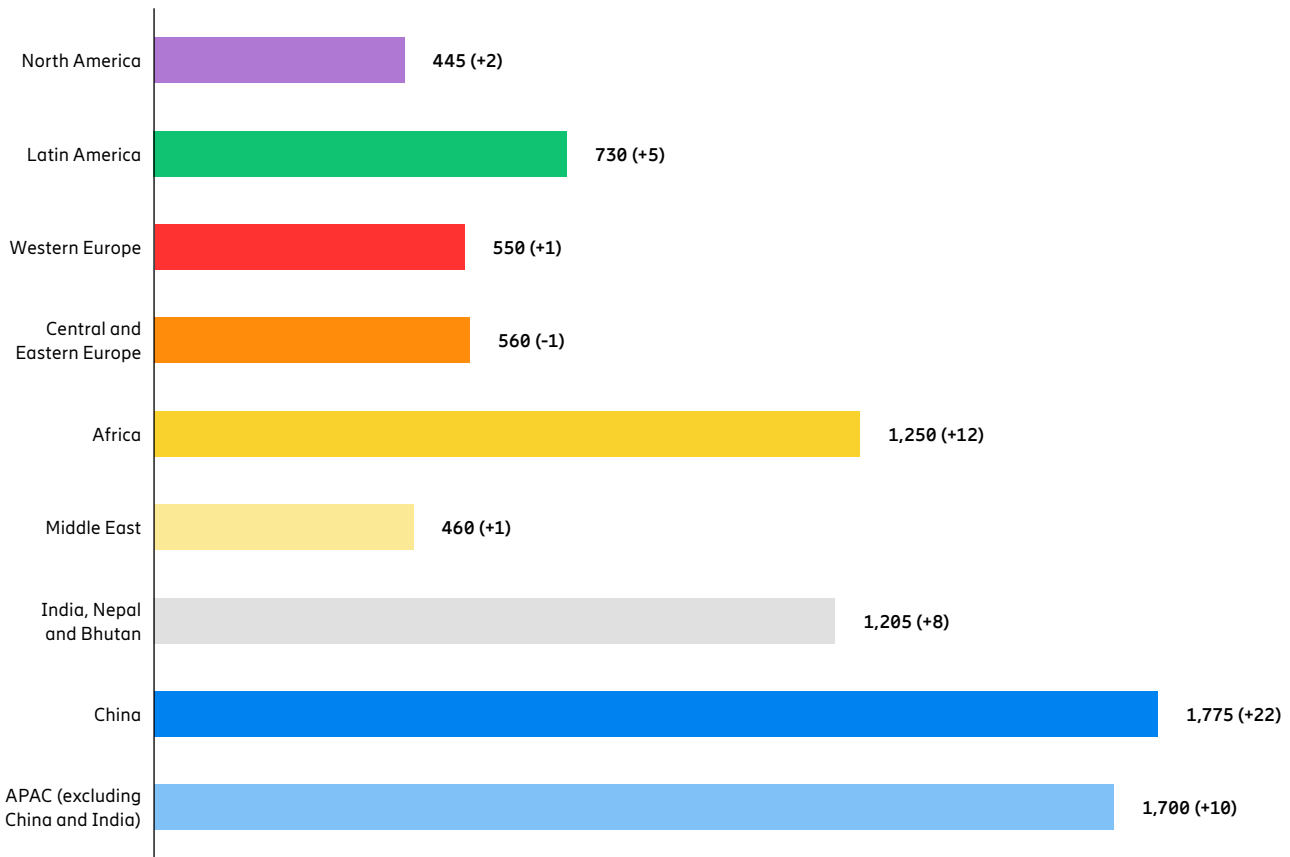
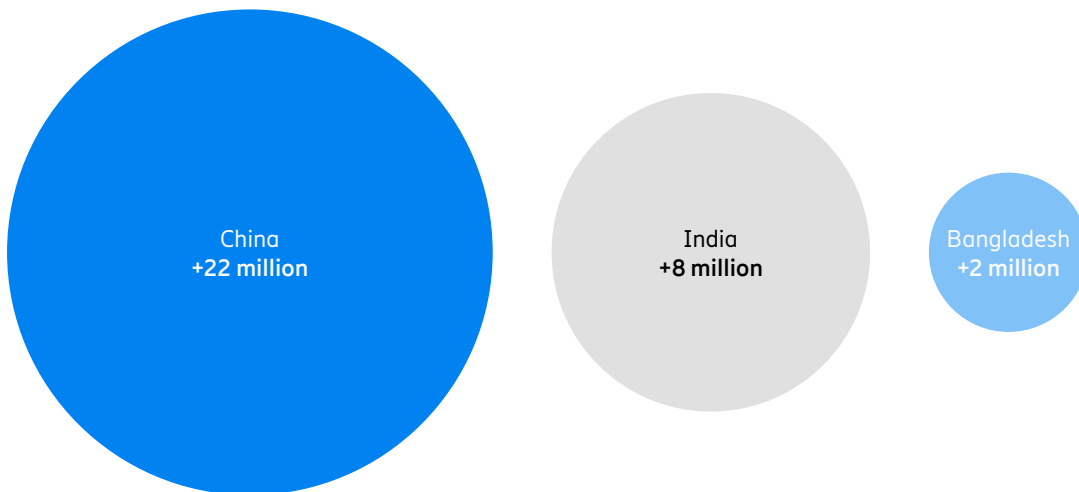


Figure 3: Top three countries by net additions Q2 2024



There are close to 8.7 billion mobile subscriptions globally.

8.7 bn

Today, the number of 5G subscriptions exceeds 1.9 billion.

1.9 bn

Mobile broadband accounts for 89 percent of all mobile subscriptions.

89%

⁴ Historical data is revised if the underlying data changes, for example if service providers report updated subscription figures. In this update, the total number of mobile subscriptions for China now includes numbers for CBN (source: MIIT).

Mobile network traffic Q2 2024

Mobile network data traffic grew by 28 EB per month between Q2 2023 and Q2 2024, reaching 151 EB per month.

The net addition of mobile data traffic represents a 23 percent year-on-year growth rate. The quarter-on-quarter mobile network data traffic growth between Q1 2024 and Q2 2024 was around 4 percent.

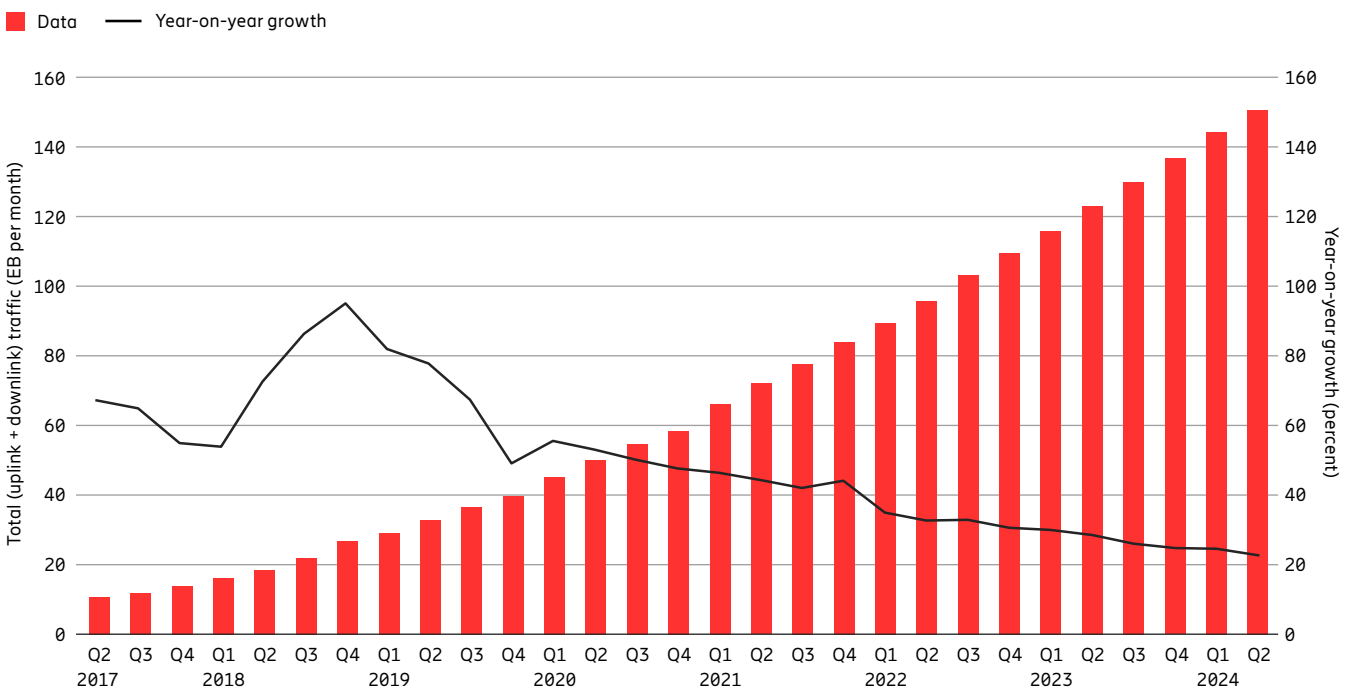
Long-term traffic⁵ growth is driven by continued strong uptake of smartphone subscriptions, migration to 4G and 5G subscriptions and an increasing

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 Q2 2017 to Q2 2024, along with the year-on-year percentage growth

for mobile network data traffic. Despite declining growth rates, net additions have increased each quarter.

Figure 4: 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.

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