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# Ericsson Mobility Report



Q4 2019 Update

This document is a scheduled update to the quarterly subscription and traffic data section in the Ericsson Mobility Report, released in November 2019

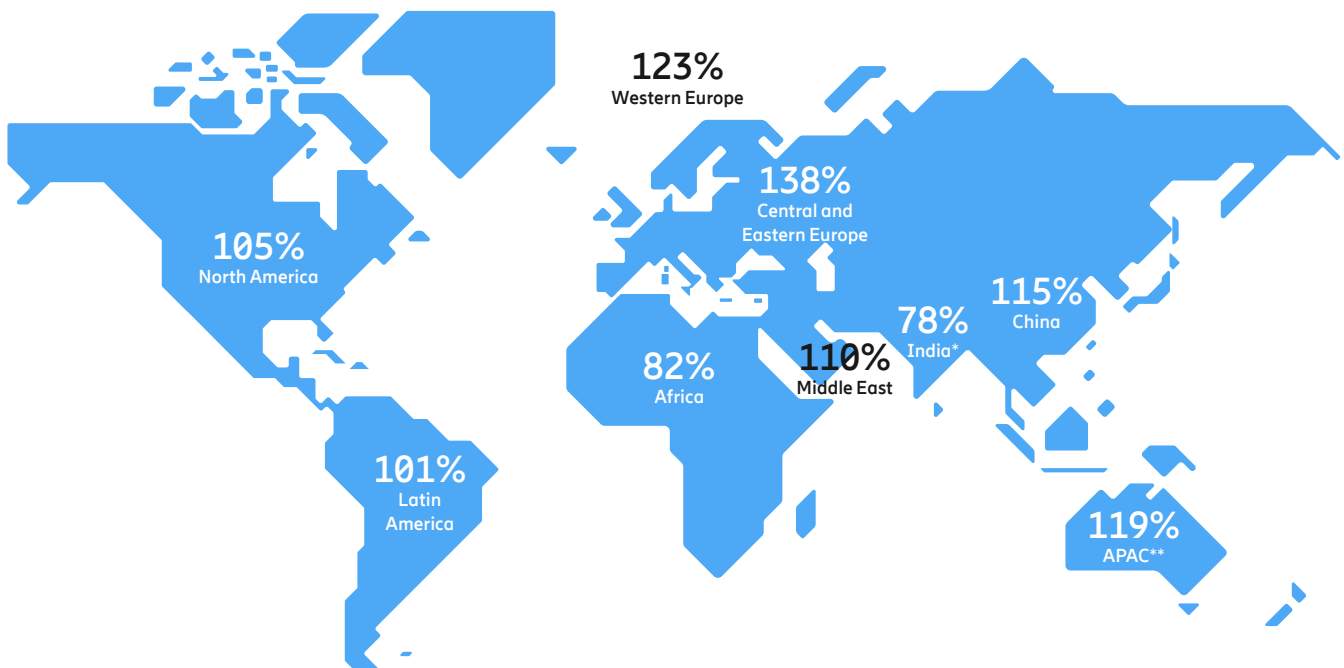
To view or download a copy of the original report, please visit:  
[www.ericsson.com/mobility-report](http://www.ericsson.com/mobility-report)

# Mobile subscriptions Q4 2019

For Q4 2019, the number of mobile subscriptions totaled 7.9 billion globally, reflecting a net addition of 49 million subscriptions during the quarter.

- Mobile subscriptions grew around 3 percent year-on-year.
- China had the most net additions during the quarter (+7 million), followed by Indonesia (+5 million) and the Philippines (+4 million).
- The number of subscriptions in India has been adjusted to an estimated 1,075 million for December 2019. This is a reduction of approximately 100 million subscriptions compared to Q3 2019, on account of the differences in reporting by the Telecom Regulatory Authority of India (TRAI) and the number of subscriptions stated in operators' quarterly reports.
- Global mobile subscription penetration was 103 percent.
- The number of mobile broadband subscriptions<sup>1</sup> grew by around 130 million to reach a total of 6.3 billion. This reflects a year-on-year increase of around 9 percent.
- The number of 5G subscriptions reached around 13 million during the quarter.
- LTE subscriptions increased by approximately 170 million to reach a total of 4.3 billion, or 55 percent of all mobile subscriptions. WCDMA/HSPA subscriptions declined by around 30 million and GSM/EDGE-only subscriptions declined by 90 million.
- Subscriptions associated with smartphones now account for more than 70 percent of all mobile phone subscriptions.
- The number of unique mobile subscribers reached around 5.9 billion. The difference between the number of subscriptions and the number of subscribers is due to several factors, including inactive subscriptions, multiple device ownership and/or subscribers using different subscriptions for different types of calls.

## Subscription penetration Q4 2019 (percent of population)

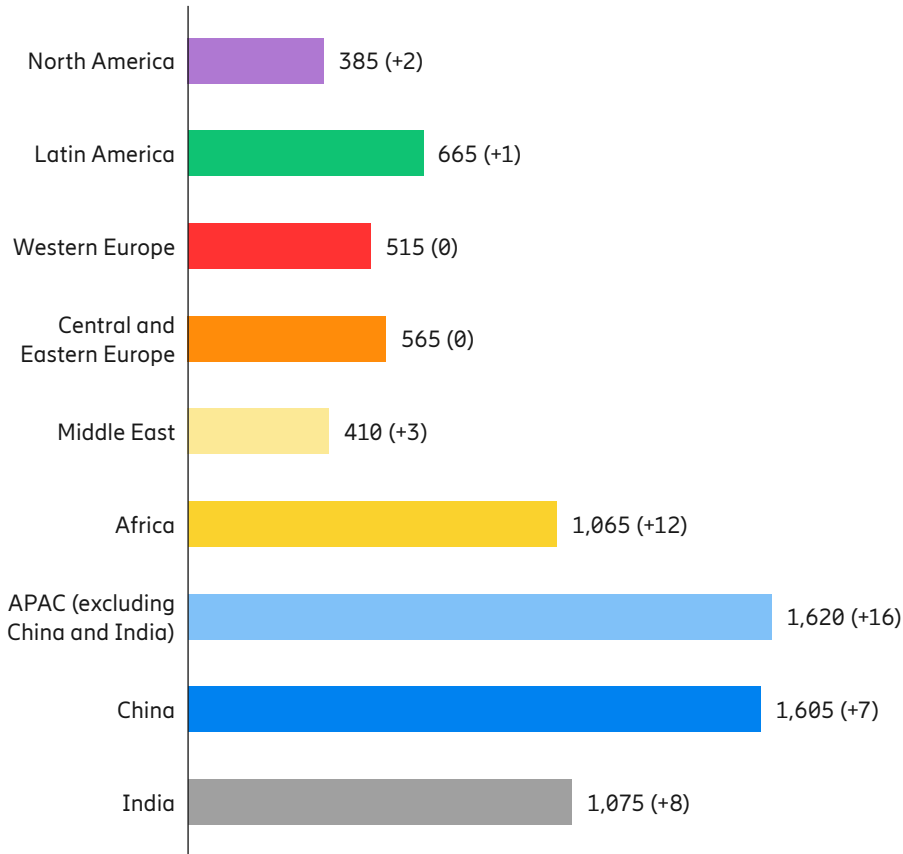


\*India region includes India, Nepal and Bhutan

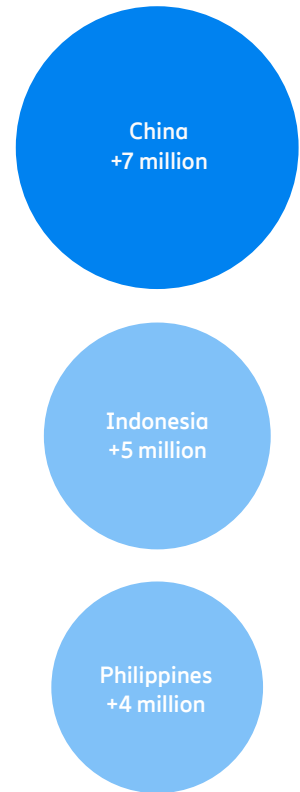
\*\*Excluding China and India

<sup>1</sup> Mobile broadband includes radio access technologies HSPA (3G), LTE (4G), 5G, CDMA2000 EV-DO, TD-SCDMA and Mobile WiMAX

Total and net additions for mobile subscriptions Q4 2019 (million)



Top 3 countries by net additions Q4 2019



**6.3bn**  
There are now 6.3 billion mobile broadband subscriptions globally.

**49m**  
During the quarter, 49 million subscriptions were added.

**55%**  
A total of 55 percent of all mobile subscriptions are now for LTE.

# Mobile traffic Q4 2019

## Mobile data traffic grew by 49 percent between Q4 2018 and Q4 2019.

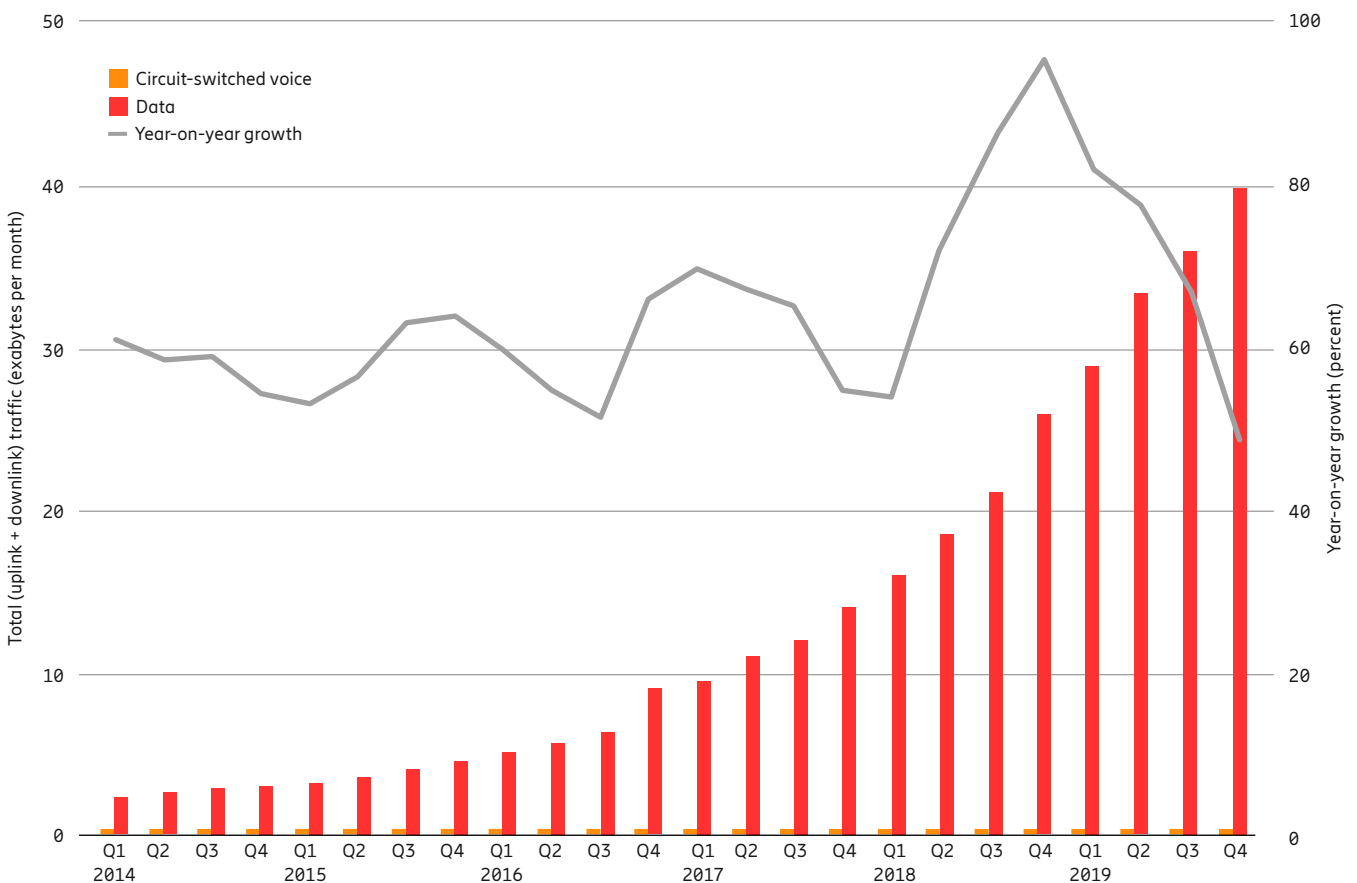
Traffic<sup>2</sup> growth is driven by both the rising number of smartphone subscriptions and an increasing average data volume per subscription, fueled primarily by a rise in viewing video content. The graph below shows the total global monthly data and

voice traffic from Q1 2014 to Q4 2019, along with the year-on-year percentage change for mobile data.

Mobile data traffic grew by 49 percent between Q4 2018 and Q4 2019 to reach 40EB. Following the extraordinary peak

in traffic growth that has been seen over the last couple of quarters, the growth rate has now returned to a more normal level. The quarter-on-quarter growth was around 8 percent.

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



Source: Ericsson traffic measurements (Q4 2019)

<sup>2</sup>Traffic does not include DVB-H, Wi-Fi or Mobile WiMAX. VoIP is included in data traffic