

# Ericsson Mobility Report: 5G to top one billion subscriptions in 2022 and 4.4 billion in 2027

- Global mobile network data traffic doubled in the past two years. 4.4 billion 5G subscriptions expected by 2027
- Fixed Wireless Access (FWA) to account for 20 percent of all mobile data network traffic in 2022
- 60 percent of global mobile network data traffic expected to be over 5G networks by 2027

North America is forecast to lead the world in 5G subscription penetration in the next five years with nine-of-every-ten subscriptions in the region expected to be 5G in 2027. The forecast is contained in the latest edition of the Ericsson (NASDAQ: ERIC) Mobility Report, which also predicts that current global 5G subscriptions will pass the one billion milestone by the end of 2022.

The 2027 timeline also includes projections that 5G will account for: 82 percent of subscriptions in Western Europe; 80 percent in the Gulf Cooperation Council region; and 74 percent in North-East Asia.

In India, where 5G deployments have yet to begin, 5G is expected to account for nearly 40 percent of all subscriptions by 2027. In global terms, 5G is forecast to account for almost half of all subscriptions by 2027, topping 4.4 billion subscriptions.

The latest [Ericsson Mobility Report](#) - the twenty-second edition of Ericsson's network traffic insights and forecasts - also reveals that global mobile network data traffic doubled in the past two years.

This traffic growth was driven by increased smartphone and mobile broadband usage, as well as the digitalization of society and industries. The recent statistics and forecasts highlight the strong demand data connectivity and digital services have, and are expected to have, despite the global Covid-19 pandemic and geopolitical uncertainties. Several hundred million people are becoming new mobile broadband subscribers every year.

The June 2022 Ericsson Mobility Report also verifies that 5G is scaling faster than all previous mobile technology generations. About a quarter of the world's population currently has access to 5G coverage. Some 70 million 5G subscriptions were added during the first quarter of 2022 alone. By 2027, about three-quarters of the world's population will be able to access 5G, according to the report.

## PRESS RELEASE

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Fredrik Jejdling, Executive Vice President and Head of Networks, Ericsson, says: "The latest Ericsson Mobility Report confirms 5G as the fastest growing mobile technology generation ever, and Ericsson is playing a key role in making it happen. We work every day with our customers and ecosystem partners around the world to ensure that millions more people, enterprises, industries, and societies enjoy the benefits of 5G connectivity as soon as possible."

Peter Jonsson, Executive Editor, Ericsson Mobility Report, Ericsson, says: "The deployment of 5G standalone (SA) networks is increasing in many regions as communications service providers (CSPs) gear up for innovation to address business opportunities beyond enhanced mobile broadband. A solid digital network infrastructure underpins enterprises' digital transformation plans, and their new capabilities can be turned into new customer services."

The report also highlights the increasingly important role that Fixed Wireless Access (FWA) is playing in the delivery of broadband services. Ericsson predicts that the number of FWA connections will exceed 100 million in 2022, a figure that is forecast to more than double by 2027, reaching almost 230 million.

On the Internet of Things (IoT), the report notes that in 2021, broadband IoT (4G/5G) overtook 2G and 3G as the technology that connects the largest share of all cellular IoT connected devices, accounting for 44 percent of all connections.

Massive IoT technologies (NB-IoT, Cat-M) increased by almost 80 percent during 2021, reaching close to 330 million connections. The number of IoT devices connected by these technologies is expected to overtake 2G/3G in 2023.

The latest Ericsson Mobility Report also contains four in-depth articles:

- Unleashing the power of IoT connectivity
- The evolution of MTN's connectivity platform
- Enabling demanding use cases with CSP edge computing
- Securing 5G networks in an evolving threat landscape

Ericsson will host an Ericsson Mobility Report-related webinar at 09.00 (CEST) and 18.00 (CEST) on Tuesday, June 21. To join please register [here](#).

[Ericsson Mobility Report](#)

[Ericsson's publicly announced 5G contracts](#)

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[Ericsson's 4G and 5G Fixed Wireless Access](#)

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