

Comparison of 5G base stations in Eastern Europe





Overview

What is the European 5G Observatory?

The European 5G Observatory covers the 27 EU Member States, and 20 additional non-EU countries, offering a comprehensive view of 5G developments across Europe and beyond. Why use the European 5G Observatory?

Fifth generation mobile communications (5G) is a key technology for digital communication and thus socio-economic development.

Will the EU achieve 100% outdoor 5G population coverage?

This research, which leverages Speedtest Intelligence® data, aims to independently benchmark progress toward the EU's flagship 5G deployment objectives, including the Digital Decade 2030 goal of achieving 100% outdoor 5G population coverage, using the world's largest consumer-initiated dataset.

Does Europe have 5G?

The rollout and expansion of 5G networks across Europe have been advancing significantly in recent times. Several operators have announced new milestones in their 5G coverage. However, some countries have lagged significantly behind the EU average in different aspects such as coverage, bandwidth, and speed. First of all, what do we mean by 5G?

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How many 5G base stations are there in China?

In data collected between July 2022 and June 2024, China was reported to have had around 3.5 million 5G base stations installed across the country, with Chinese mobile operators investing heavily in 5G infrastructure. By comparison, the European Union had around 460,000 thousand base stations, while the United States had approximately 175,000.



What is Europe's 5G Revolution?

Europe's 5G revolution is well underway. From artificial intelligence (AI) to the internet of things (IoT), the high bandwidth and low latency offered by 5G is powering a range of exciting technological developments across the continent.

Is 5G sluggish in Europe?

The deployment and adoption of 5G SA in Europe remain sluggish, increasing slowly from a very low base and further widening the region's gap with North America and Asia. Spain stands out as a clear leader in 5G SA deployment, reaching an 8% Speedtest® sample share compared with the EU average of just 1.3% as of Q2 2025.



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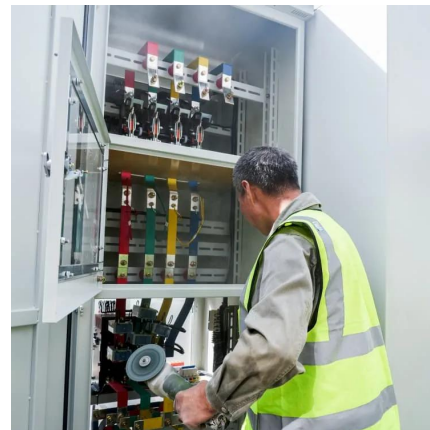


[Report . Global 4G and 5G Base Station Market 2023 by ...](#)

The content of the study subjects, includes a total of 15 chapters: Chapter 1, to describe 4G & 5G Base Station product scope, market overview, market estimation caveats and base year. ...

[In-Situ Measurements of Radiofrequency Electromagnetic ...](#)

ABSTRACT Radiofrequency (RF) electromagnetic field spot measurements were performed in line-of-sight to 56 active 5G macro base stations across 30 publicly accessible locations in the ...



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