



How many communication base stations are there in Western Europe





Overview

Comparison of the number of 5G base stations in the European Union (EU) and selected countries worldwide in 2024 [Graph]. Retrieved February 05, 2026, from [Page 2/6](https://www. Already. The European 5G Observatory tracks progress in 5G infrastructure deployment across the EU and other regions worldwide according to base stations deployment, edge nodes and infrastructure sharing agreements. Source: IDATE estimates and regulators' data. This cellular data is used for a multitude of commercial/private purposes by patrons worldwide. As there are many sites hosting infrastructure from multiple operators, the number of logical sites are more than the number of physical sites. The station is the largest community in Antarctica, capable of supporting up to 1,500 residents, though the population fluctuates seasonally; during the. Spot prices for LFP cells reached $97/kWh in 2023, a 13% year-on-year. Europe is among the world's best-connected regions, with a highly developed and competitive telecommunications industry powering digital transformation across the continent. Both fixed and mobile data traffic have surged in Europe over the past decade, with increased consumption driven by the broad.</p></div><div data-bbox=)



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5G in Europe

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

[The map of base stations \(Europe\) by OpenCellID \[8\]](#)

The map of base stations in Europe by OpenCellID [8] is shown in Fig. 7. In the circles, the number of base stations for each region is indicated.



[EUROPE 5G BASE STATIONS BY COUNTRY 2024 STATISTA](#)

These components work together to provide a stable and sustainable power supply for telecom infrastructure, including base stations, data centers, and communication towers.



OpenCellID

OpenCellID is the largest Open Database of Cell Towers & their locations. You can geolocate IoT & Mobile devices without GPS, explore Mobile Operator coverage and more!



[Europe: 5G base stations by country 2024, Statista](#)

As of 2024, Germany had the most 5G base stations among European Union (EU) member states, with over ***** base stations installed.

[How many Cell Sites and Base Stations Worldwide?](#)

Again, most of the sites have distributed RAN (D-RAN) so there may be one or more base stations (baseband unit or BBU) and each base station can serve one or more radios.



5G indicators: infrastructure deployment , Shaping Europe's digital future

The European 5G Observatory tracks progress in 5G infrastructure deployment across the EU and other regions worldwide according to base stations deployment, edge nodes and infrastructure sharing ...

[Worldwide: 5G base stations in selected markets, Statista](#)



Comparison of the number of 5G base stations in the European Union (EU) and selected countries worldwide in 2024 [Graph], European 5G Observatory, June 30, 2024.



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