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# The first 5g base station in Southern Europe





## Overview

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### What is the European 5G Observatory?

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. Reporting period: at December 2024. Source: IDATE estimates and regulators' data.

### How many 5G base stations does the EU-27 have?

The EU-27 has deployed around ten 5G base stations per million capita, whereas South Korea has rolled out around 1,500 base stations per million (by the end of 2019). The EU-27 has upgraded 1% of 4G base stations to 5G, whereas South Korea upgraded 98% (by the end of 2019).

### Is 5G available in Europe?

More than half of EU Member States have not yet launched 5G commercial services, whereas the first commercial services were available in South Korea and the US one year ago. The share of the subscriptions using 4G networks is around 70% in Europe in 2019, significantly lower than in the US, China and South Korea, where it reaches around 90%.

### 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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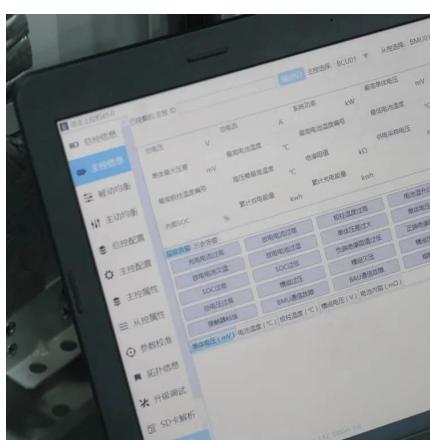


### 5G in Europe

Mar 14, 2025 · The EU Commission's 5G action plan has set a 2030 target for operators to bring 5G mobile networks to all populated areas, while many non-EU nations have set similar ...

### European 5G Observatory

Dec 4, 2025 · The European 5G Observatory is a monitoring facility designed to track progress in 5G technology and market developments across the EU and other regions worldwide.



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

Nov 27, 2025 · As of 2024, Germany had the most 5G base stations among European Union (EU) member states, with over \*\*\*\*\* base stations installed.

### [5G Coverage in Europe: Progress Toward Goals Amid ...](#)

Jul 17, 2025 · Discover how spectrum policy and strategy shape 5G coverage across Europe, with Nordic and Southern nations leading and Spain ahead in 5G SA.



### European 5G scoreboard

European 5G scoreboard If you missed you miss the European 5G Observatory Stakeholders' Workshop in last September 2022: have a look at the latest 5G developments overview on ...

### [Europe 5G Base Station Market Size & Outlook, 2030](#)

The 5g base station market in Europe is expected to reach a projected revenue of US\$ 44,815.4 million by 2030. A compound annual growth rate of 33.8% is expected of Europe 5g base ...



### [Assessment of 5G Deployment Status in Europe](#)

Feb 20, 2024 · The EU-27 has deployed around ten 5G base stations per million capita, whereas South Korea has rolled out around 1,500 base stations per million (by the end of 2019).



## 5G in Europe

Premium Statistic Number of 5G base stations per 100,000 people in selected countries worldwide 2024 Premium Statistic Number of 5G base stations in European Union (EU) ...



## 5G Coverage in Europe: Progress Toward ...

Jul 17, 2025 · Discover how spectrum policy and strategy shape 5G coverage across Europe, with Nordic and Southern nations leading and ...

## 5G Deployment: State of Play in Europe, USA and Asia

Feb 28, 2020 · That introduced 5G base stations with active MIMO antennae, fibre-to-the-antenna to reduce latency in the base station, microwave line-of-site backhaul in mmWave bands with ...



## 5G indicators: infrastructure deployment ...

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



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