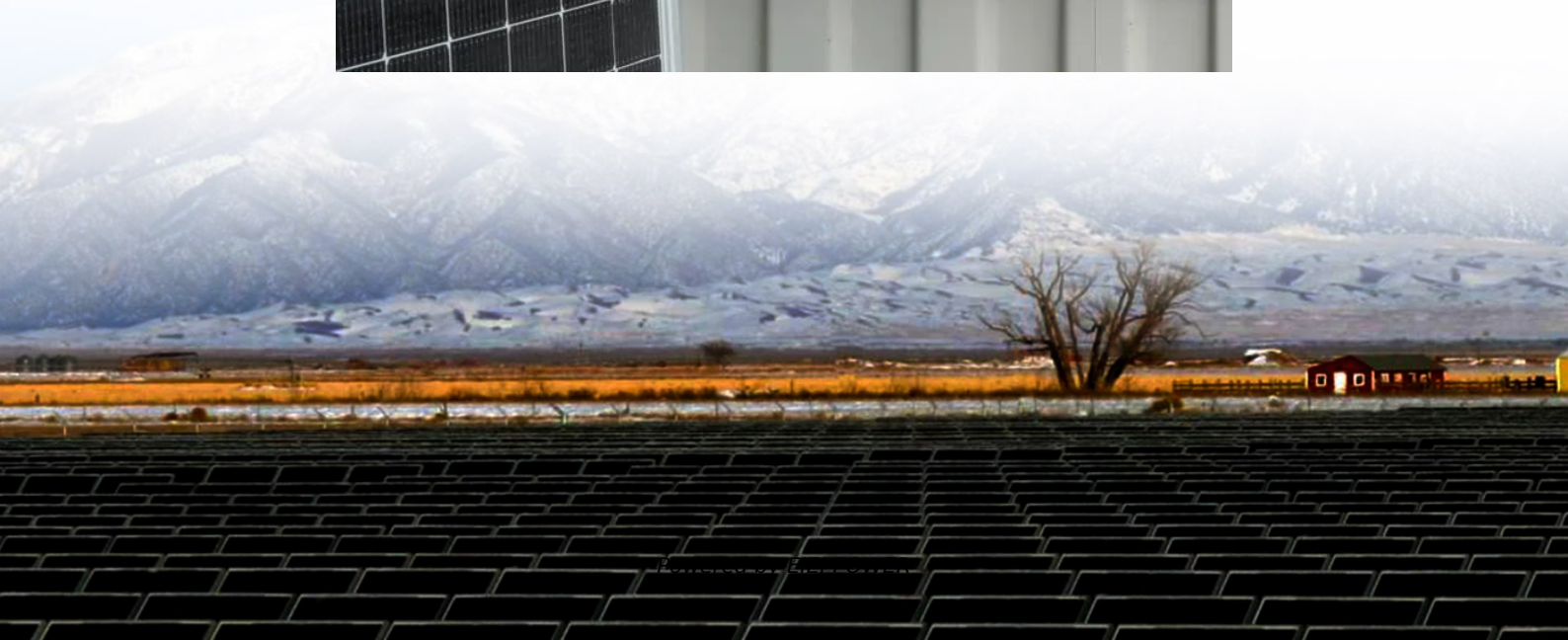


# **30 000 outdoor 5G base stations**





## Overview

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Will China build a 5G base station next year?

Technicians from China Mobile check a 5G base station in Tongling, Anhui province. [Photo by Guo Shining/For China Daily] China aims to build over 4.5 million 5G base stations next year and give more policy as well as financial support to foster industries that can define the next decade, the country's top industry regulator said on Friday.

How many 5G base stations are there?

Local carriers deployed a total of 235,000 5G base stations in the first five months of the year; 5G mobile stations currently account for 35.3% of the total number of mobile base stations in the country.

How many base stations will 5G have in 2025?

The U.S. has ambitious plans for 5G expansion, aiming to have more than 300,000 active base stations by 2025. This goal is being driven by investment from private telecom providers and government initiatives like the Rural 5G Fund. For businesses in the U.S., this means increasing access to high-speed connectivity.

How many 5G sites are there in China?

Mobile operators in China are ramping up 5G and 5G-A rollouts, with the former now at 4.5 million cell sites and the latter in 300 cities; a new 2027 roadmap will see 75% of mobile data in the country on 5G networks. 5G on 5M sites - China has over 4.486 million 5G sites; 5G now comprises more than 35% of total mobile base stations.



## 30 000 outdoor 5G base stations

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### Shanghai accelerates dual-megabits network construction with 5G ...

Aug 13, 2024 · Shanghai is set to revolutionize its telecommunications landscape by embarking on an ambitious project to establish a dual-megabits network, with plans to construct a total of ...

### China 5G rush - 4.5m 5G base stations, 300 5G-A cities, 75% 5G ...

Jun 27, 2025 · Mobile operators in China are ramping up 5G and 5G-A rollouts, with the former now at 4.5 million cell sites and the latter in 300 cities.



### [China 5G base stations approach 4.5M](#)

Jun 26, 2025 · China's mobile operators added 235,000 5G base stations in the first five months of 2025, taking their combined total to nearly 4.5 million.

### [More Than 25,000 5G Outdoor Base Stations and Over ...](#)

It is expected that by the end of this year, more than 30,000 outdoor 5G base stations and over 50,000 indoor small stations will have been built. In key areas, 5G coverage in underground ...



### Optimizing the ultra-dense 5G base stations in urban outdoor ...

Dec 1, 2020 · Due to the high propagation loss and blockage-sensitive characteristics of millimeter waves (mmWaves), constructing fifth-generation (5G) cellular networks involves deploying ...



### [Shanghai Leads China for Outdoor 5G Base Stations, Vice](#)

Dec 13, 2024 · It also marks the start of 5G-A commercialization, with the industry starting to build and deploy networks and exploring new uses, she added. Under to the 14th five-year plan set ...



### [5G Base Station Growth: How Many Are Active? PatentPC](#)

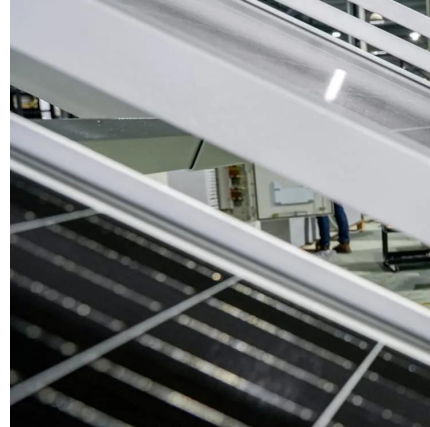
Explore the rise of 5G base stations worldwide. Get key stats on active installations and how they impact network coverage.





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### [5G Base Station Equipment Market Report 2025: 5G Base](#)

Mar 11, 2025 · 5G base stations form the backbone of next-generation wireless networks, enabling enhanced bandwidth, ultra-low latency, and broader coverage to support rising ...

### [5G Base Station Market Size, Share & Growth Report, 2030](#)

The global 5G base station market size was estimated at USD 33,472.5 million in 2023 and is projected to reach USD 253,624.3 million by 2030, growing at a CAGR of 33.5% from 2024 to ...



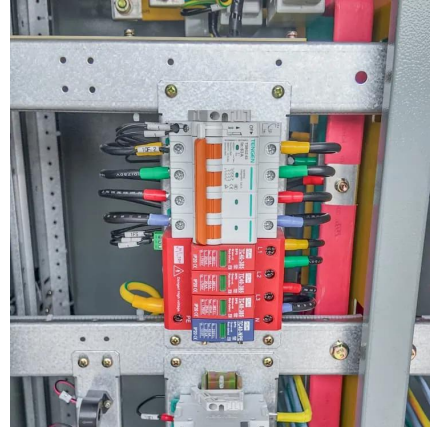
### [Ambitious 5G base station plan for 2025](#)

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