

# How many 5G outdoor base stations are there





## Overview

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How many 5G base stations are there in China?

2027 master plan - a second 'Set Sail' 5G expansion plan aims for 85% 5G penetration and 75% of network traffic on 5G. The total number of 5G base stations in China reached 4.486 million as of the end of May (2025), according to data released by the country's Ministry of Industry and Information Technology (MIIT).

How many 5G base stations will China Mobile have in 2025?

China Mobile, the world's largest mobile carrier in terms of subscribers, had previously outlined plans to deploy 340,000 additional 5G base stations in 2025. With these new 5G deployments, China Mobile's total 5G base stations will reach nearly 2.8 million by the end of 2025.

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.

What is a 5G base station?

They help fill coverage gaps, improve network reliability, and handle high data traffic. In cities, more than 60% of 5G base stations are small cells, placed on rooftops, lampposts, and building facades. These mini base stations are crucial for delivering consistent 5G speeds in crowded areas like stadiums, shopping malls, and business districts.



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### 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; a new 2027 roadmap will see 75% of ...

### [China has more than 3.8 mln 5G base stations- Xinhua](#)

SHANGHAI, June 26 (Xinhua) -- There were more than 3.8 million 5G base stations in China by the end of May 2024, the latest data from the Ministry of Industry and Information Technology ...



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

5G technology is expanding faster than anyone could have predicted. More countries, companies, and telecom providers are racing to build 5G base stations, ensuring faster speeds, lower ...

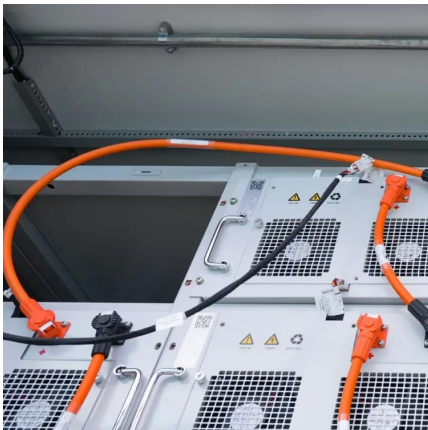
### [Shanghai Leads China for Outdoor 5G Base ...](#)

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, ...



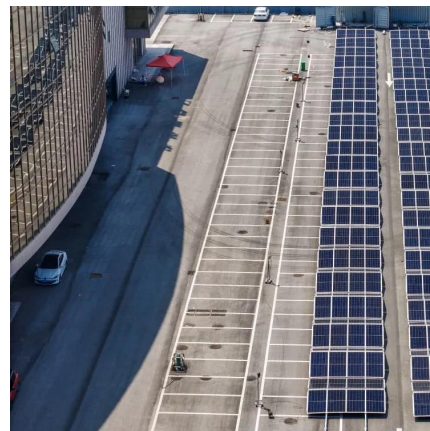
### [China home to 4.25 million 5G base stations](#)

Jan 22, 2025 · The number of 5G base stations in China has hit 4.25 million, with the number of gigabit broadband users surpassing 200 million, official data showed Tuesday. More than ...



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

Nov 27, 2025 · In data collected between July 2022 and June 2024, China was reported to have had around \*\*\* million 5G base stations installed across the country, with Chinese mobile ...



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[China has more than 3.8 million 5G base stations](#)

Jun 28, 2024 · China's 5G base stations account for 60 percent of the global total, Zhao added. In China, more than half of all mobile phone users are 5G users, Zhao told MWC Shanghai. ...

[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 ...



[China to construct over 4.5 million 5G base ...](#)

China ended 2024 with over 4.19 million 5G base stations China plans to construct over 4.5 million 5G base stations in 2025 while introducing ...



### Worldwide: 5G base stations in selected ...

Nov 27, 2025 · In data collected between July 2022 and June 2024, China was reported to have had around \*\*\* million 5G base stations installed ...



### Number of 5G base stations in selected markets

Sep 10, 2025 · With more than 4 million base stations by Q4 2024, China has built the world's largest #5G network--about 12x the EU and 30x the US, while India ranked second.

### **China to construct over 4.5 million 5G base stations in 2025**

China ended 2024 with over 4.19 million 5G base stations. China plans to construct over 4.5 million 5G base stations in 2025 while introducing additional policy and financial incentives to ...



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