



China Communications 5G Base Station Frequency





Overview

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.

How many mobile operators in China are launching 5G & 5g-a?

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

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 (MIIT) has shown.

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

Chinese mobile operators added 235,000 5G base stations in the first five months of 2025, taking their combined total to nearly 4.5 ...



[The number of 5G base stations in China Exceeds 4 Million](#)

The number of 5G base stations exceeds 4 million, and the number of gigabit broadband access users has reached 190 million, achieving "gigabit connectivity in every city, ...

Shanghai Leads China for Outdoor 5G Base Stations, Vice Mayor ...

Some 63 percent of Shanghai's network traffic was carried via 5G this year, according to the industry ministry, with just over 38 5G base stations per 10,000 residents and ...



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

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 ...



[China 5G rush - 4.5m 5G base stations, 300 5G-A ...](#)

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[China reaches nearly 4.4 million 5G base stations](#)



China has surpassed 4.39 million 5G base stations as of the end of March, with 5G user penetration climbing to 75.9%, according to the Ministry of Industry and Information ...

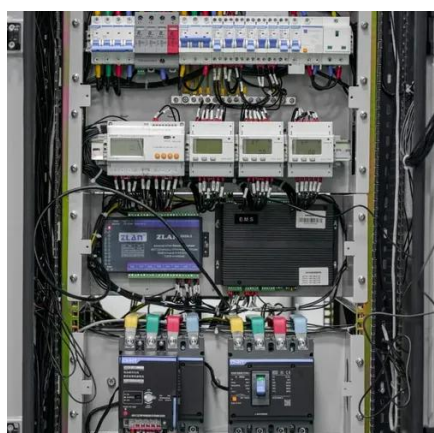


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[Ambitious 5G base station plan for 2025](#)



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With 4.19 million 5G base stations already in operation, the industry regulator said that "promoting 5G revolution and 6G innovation will be one of the priorities" next year.





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