

# Nearby 5G base stations





## 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 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 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.

What is the range of a 5G base station?

5G base stations use millimeter waves that are extremely limited in range. Each 5G base station has a range of between 800-1000 feet, or 0.15-0.19 miles. It makes up for its limited range by surpassing 4G in other key areas: data transfer speeds (bandwidth), latency, and capacity.



## Nearby 5G base stations

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### [Shanghai to set up nearly 10,000 new 5G-A base stations this ...](#)

Shanghai will establish up to 10,000 new 5G-A base stations this year, routing more than 70 percent of the city's internet traffic through 5G network.

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

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 ...

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

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 ...

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

BEIJING, Jan. 21 (Xinhua) -- 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 ...

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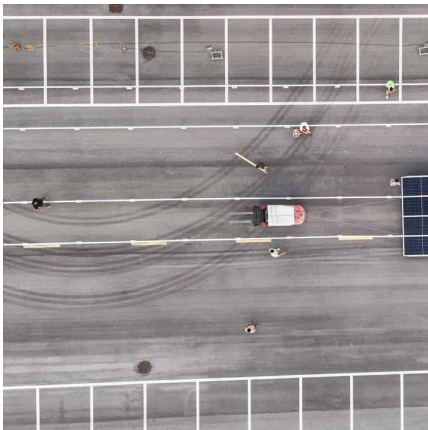
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### [Shanghai Leads China for Outdoor 5G Base ...](#)

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 3.1 million 5G Internet of Things ...

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

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. ...

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### [Number of 5G base stations in selected markets](#)

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.

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

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 ...

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

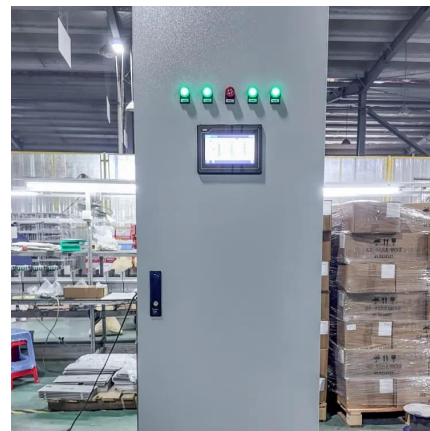
The move comes as the country charted its vision for industrial growth during a two-day work conference of the Ministry of Industry and Information Technology. With 4.19 ...

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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 ...

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

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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### [Shanghai home to 92,000 5G base stations -Xinhua](#)

SHANGHAI, March 29 (Xinhua) -- China's financial hub Shanghai has built 92,000 5G base stations so far, local authorities said on Friday. By the end of 2023, 38.5 percent of the city's ...

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