

# China Communications 5G Base Station Sharing





## 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.

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

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.



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### China sees strong growth in 5G base stations

BEIJING, Dec. 4 (Xinhua) -- China witnessed substantial growth in the number of 5G base stations this year, according to the latest data from the Ministry of Industry and Information ...

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### Ambitious 5G base station plan for 2025

Dec 28, 2024 · 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 ...

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

Jan 2, 2025 · With 4.19 million 5G base stations already operational across China, the MIIT emphasized that "promoting 5G revolution and 6G innovation will be one of the priorities" for ...

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### China 5G rush - 4.5m 5G base stations, 300 ...

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 ...

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### 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 ...

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### Global 5G Base Station Industry Research ...

The 5G base station is the core device of the 5G network, providing wireless coverage and realizing wireless signal transmission between the wired ...

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### 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, ...

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### China home to 4 million 5G base stations

Sep 25, 2024 · Technicians carry out an upgrade of a 5G station in Tongling, Anhui province, Dec 1, 2023. [Photo/VCG] BEIJING - The number of 5G ...

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### China builds world's largest 5G network with 4.7 million base stations

Oct 28, 2025 · China had about 4.71 million 5G base stations by the end of September, amid its efforts to strengthen its cyber infrastructure. Over the last five years, China has built the ...

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### 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.

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### China Telecom and China Unicom Jointly Rolles Out 990,000 Shared 5G

Dec 13, 2022 · According to official resources at China Telecom, China Telecom and China Unicom have jointly rolled out about 990,000 shared 5G base stations, realizing continuous ...

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### China's 2024 Achievements in Communication Infrastructure ...

Jan 28, 2025 · China's 2024 Achievements in Communication Infrastructure Construction: Significant Increase in 5G Base Station Share and Continued Expansion of Gigabit ...

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### China's strides in advancing 5G development

Jun 6, 2024 · Today, with over 3.7 million 5G base stations installed nationwide, the large-scale application of 5G in China has greatly benefited both individuals and businesses, bringing ...

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### China to accelerate 5G revolution, 6G ...

Dec 1, 2025 · China plans to build 4.5 million 5G base stations and develop more future industries in 2025, said the Ministry of Industry and ...

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### China's strides in advancing 5G development

Jun 7, 2024 · Here are some notable facts and figures about the country's 5G development. -- In April 2020, China Mobile established a 5G base station at an altitude of 6,500 meters on ...

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### China 5G base stations approach 4.5M

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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.

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### Ambitious 5G base station plan for 2025

Nov 23, 2025 · Wen Ku, director-general of the China Communications Standards Association, said: "China has made remarkable strides in 5G infrastructure, which gives it an unparalleled ...

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### China to construct over 4.5 million 5G base ...

Jan 2, 2025 · With 4.19 million 5G base stations already operational across China, the MIIT emphasized that "promoting 5G revolution and 6G ...

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### China Has Built 4.598 Million 5G Base Stations, Achieving ...

Aug 28, 2025 · The global share of essential patents for 5G standards has reached 42%, placing China at the forefront of research and development of key technologies like 5G-A and 6G, as ...

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