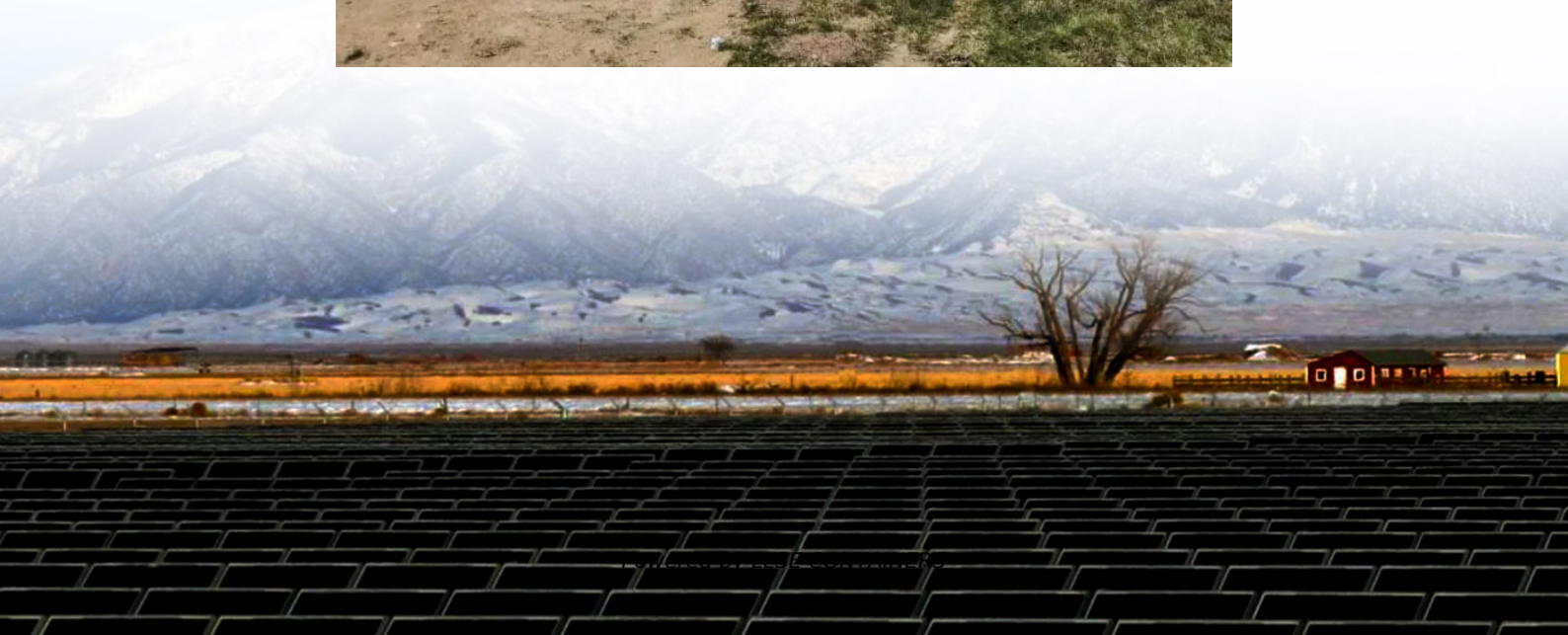


And the total number of 5g base stations





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.

What is the future of 5G?

The future of 5G is clear: more base stations, wider coverage, and improved connectivity. Industry forecasts suggest that by 2025, the total number of 5G base stations worldwide will surpass 5 million. This expansion will be driven by ongoing urbanization, demand for high-speed connectivity, and technological advancements.

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.



And the total number of 5g base stations



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BEIJING, Sept. 25 -- The number of 5G base stations in China exceeded 4.04 million at the end of August, data from the Ministry of Industry and Information Technology showed Wednesday. ...

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

Nov 27, 2025 · Comparison of the number of 5G base stations in the European Union (EU) and selected countries worldwide in 2024 [Graph], European 5G Observatory, June 30, 2024.



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

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Sep 23, 2025 · The figure accounted for 36.3 percent of the total number of mobile base stations nationwide, according to the Ministry of Industry and Information Technology. Meanwhile, an ...



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Jun 25, 2025 · Additionally, the number of 10G PON ports capable of supporting gigabit network services reached 29.8 million, a net increase of 1.6 million since the end of last year. 5G ...





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Sep 25, 2024 · The total number of 5G base stations in China reached 4.04 million as of the end of August, accounting for 32.1 percent of all mobile base stations, according to China's ...



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 12× the EU and 30× the US, while India ranked second.

5G Base Station Growth: How Many Are Active? , PatentPC

Industry forecasts suggest that by 2025, the total number of 5G base stations worldwide will surpass 5 million. This expansion will be driven by ongoing urbanization, demand for high ...



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