

Which has more 5G base stations or more communications in Brazil





Overview

How many 5G base stations are there in Brazil?

A total of 5,275 standalone 5G base stations have been activated in Brazil – double the minimum commitment. This represents 6% of the overall 93,159 base stations in the country. By 2025, 6,370 5G base stations must be installed in the state capitals. In total, the state capitals are home to nearly a quarter of the Brazilian population.

Does Brazil have a 5G network?

Expanding at an impressively rapid pace, Brazil's 5G network has been up and running for one year this Thursday (Jul. 6), as coverage has exceeded the targets set by telecom watchdog Anatel. The technology has upwards of 10 million users and serves over 150 cities countrywide.

Which country has the largest 5G subscription base?

Three-and-a-half years after receiving its 5G licenses, Vivo —Brazil's largest mobile operator by subscriptions—can claim the country's most extensive 5G subscription base. As of May 2025 (the most recent official data available), there were approximately 19.2 million users connected to its 5G Standalone network.

Why did Brazil have to clean up the 3.5 GHz frequency band?

Brazil had to clean up the 3.5 GHz frequency band, which was previously used for satellite broadcasting. This was not easy and required careful planning. Over 1,400 satellite stations were moved to prevent interference with 5G signals. More than 4.3 million families received free kits to update their satellite TV systems.

Does TIM Brasil have 5G?

Like its chief rivals, TIM Brasil activated its 3.5GHz 5G network in July 2022 and has since deployed the country's most extensive fifth-generation mobile



network. While the network only spans 13,189 cell sites—far fewer than Vivo—TIM still manages to offer 5G access in a whopping 705 municipalities, more than double the number served by Claro.

How many people use 5G?

The technology has upwards of 10 million users and serves over 150 cities countrywide. According to a survey by Conexis Brasil Digital, 5G managed to reach the 10 million users mark 11 months after its launch, whereas it had taken the 4G network 26 months to garner the same total.



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[5G Base Station Construction Market in Brazil](#)

The global 5G base station construction market is expected to grow with a CAGR of 25.7% from 2025 to 2031. The 5G base station construction market in Brazil is also forecasted to witness ...

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[The 5G Coverage Challenge in Brazil: Opportunities and ...](#)

Artifex Consulting has analyzed Brazil's evolving 5G landscape. With rising demand for high-speed connectivity across São Paulo, Rio de Janeiro, Brasília, Goiânia, and beyond, we ...

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[One year into 5G rollout in Brazil, users total over 10 mi](#)

The expansion of 5G is believed to demand five to ten times more antennas than 4G did. As a result, operators are calling for clearer rules and speedier licensing.

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Brazil - the changing landscape in LATAM's most lucrative market

A total of 5,275 standalone 5G base stations have been activated in Brazil - double the minimum commitment. This represents 6% of the overall 93,159 base stations in ...



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Brazil making rapid 5G progress but challenges remain on the ...

The coverage has been achieved via the deployment of 14,796 5G base stations, almost a thousand of which had been deployed between June and July this year. Achieving ...

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[One year into 5G rollout in Brazil, users total over 10 mi](#)

The expansion of 5G is believed to demand five to ten times more antennas than 4G did. As a result, operators are calling for clearer rules and ...

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[5G Chip Makers: Four Companies Are Leading the Market](#)

The company believes the networking chips it sells for 5G technology are worth four times more per 5G base station compared to 4G. "Marvell has continued to innovate around the Oction ...

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Snapshot: Who supplies the most 5G antennas in Brazil?

5G continues to make gradual progress in Brazil, reaching 24.3 million accesses (9.4% of all mobile accesses) at the end of March, with two major providers accounting for the ...

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4G 5G Base Station Market Report , Global Forecast From 2025 ...

The global 4G and 5G base station market size is projected to grow significantly, from an estimated USD 45.6 billion in 2023 to USD 112.9 billion by 2032, reflecting a CAGR of 10.5%.

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Brazil Goes All In on 5G - Faster Internet for Every...

Brazil has officially launched 5G across all 5,570 municipalities. This change means faster internet, better access to online services, and new ...

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Concerns over Chinese involvement in 5G wireless networks

5G succeeds 4G LTE wireless technology. Developments have been focused on enabling low- latency communications, and promises of a minimum peak network speed of 20 gigabits ...

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[5G Network Equipment Manufacturers: Modem, Base Station, ...](#)

5G RAN The 5G Radio Access Network (RAN) is the interface between user devices and the 5G core network. It comprises base stations and small cells that manage radio communications, ...

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Brazil Goes All In on 5G - Faster Internet for Every Town and ...

Brazil has officially launched 5G across all 5,570 municipalities. This change means faster internet, better access to online services, and new possibilities for businesses and daily life.

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[Machine Learning and Analytical Power Consumption ...](#)

Abstract--The energy consumption of the fifth generation (5G) of mobile networks is one of the major concerns of the telecom industry. However, there is not currently an accurate and ...

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[Brazil5G Spectrum Allocation andNetworking: Experience ...](#)

Brazil: Biggest country in South America Territory 8.51 million km². Population 203 million, mainly in urban areas Remote areas (e.g. Amazon forest) Relevant economical activities in rural ...

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[5G Base Station Chips: Driving Future Connectivity by 2025](#)

The evolution of wireless technology has brought the world to the brink of a connectivity revolution. As 5G networks become the backbone of modern communication, 5G ...

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[Brazil Emerges as a 5G Powerhouse in Latin America](#)

Major carriers have rolled out 5G networks nationwide since mid-2022, covering most of Brazil 's cities and reaching millions of users. Enhanced connectivity is poised to boost ...

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