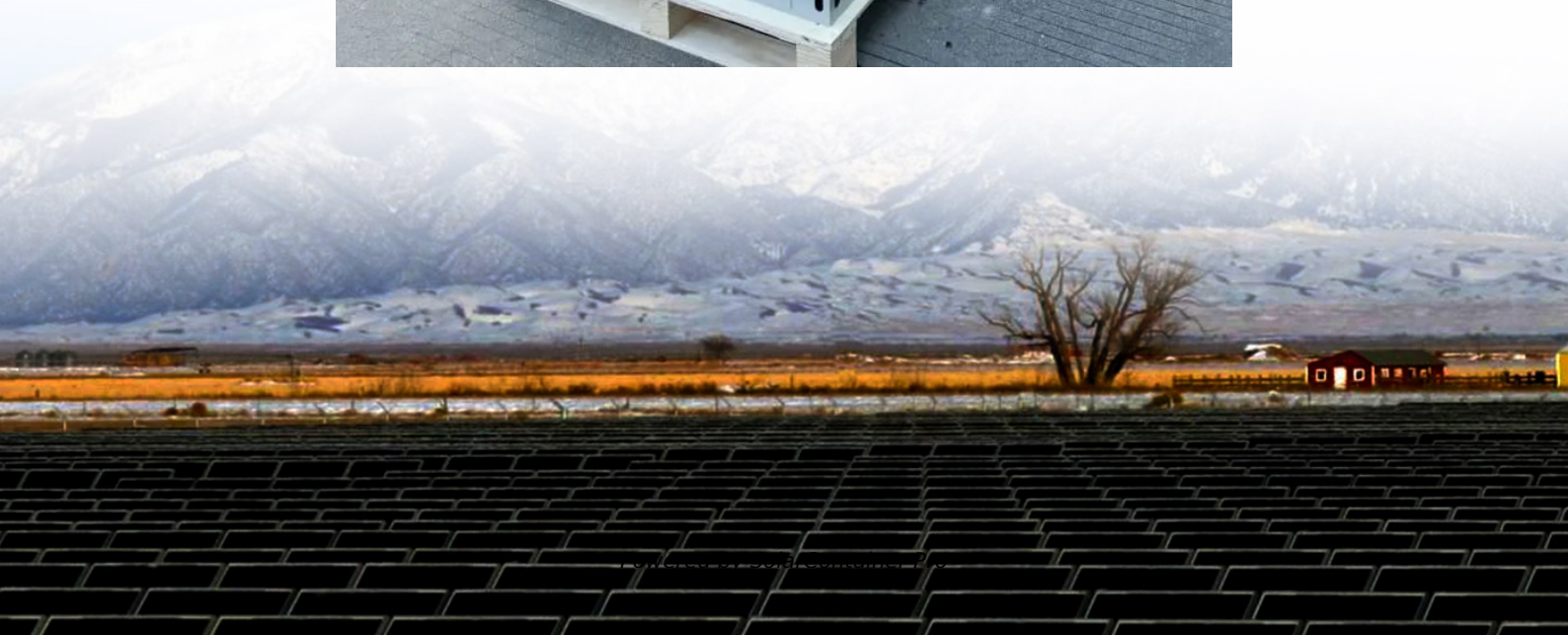


Is Portugal Communications building 5G base stations





Overview

How many base stations in Portugal have 5G?

Since the end of the first half of 2022, ANACOM has been reporting quarterly on progress in the implementation of these latest-generation mobile communications networks. At the end of 1st quarter 2024, according to information reported by operators, there were 9,999 base stations in Portugal with 5G technology.

What is the density of 5G base stations in Portugal?

At the end of 1st quarter 2024, the density of 5G base stations in Portugal was one base station per 10 km² - on average, 97 5G base stations per 100,000 inhabitants.

How many 5G base stations are there?

According to information reported to ANACOM, in the second trimester of the year, "the number of base stations installed in the national territory with 5G technology amounted to 7,831 stations, distributed over 308 municipalities and 1,833 parishes".

How many municipalities have 5G technology stations?

Of the 308 municipalities in the country with 5G technology stations, 263 municipalities have base stations installed by three operators (MEO, NOS and Vodafone). Compared to last quarter, there are 36 more municipalities where all operators have installed 5G sites.

Are 5G networks growing in Portugal?

While these indicators demonstrate the growth of 5G networks in Portugal, distribution throughout the territory has not been homogeneous, with a greater concentration of stations evident along the western coastal strip, mainly between Viana do Castelo and Setúbal, and along the southern coastal strip (Algarve).



How many 5G base stations are there in 2023?

At the end of the 2 nd quarter of 2023, according to information reported to ANACOM, the number of base stations installed in the national territory using 5G technology totalled 7831 stations, spread across 308 municipalities (100% of the country's municipalities) and 1833 civil parishes (59% of the country's civil parishes).



Is Portugal Communications building 5G base stations



70% das freguesias com estações 5G dos três operadores

Estas estações de base estão distribuídas por todo o país, encontrando-se presentes em todos os concelhos do Continente e das Regiões Autónomas da Madeira e dos ...

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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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NOS leads the way in 5G with more than 51% of stations installed ...

NOS reinforced its leadership in Portugal's coverage with 5G, having installed, by the end of 2022, 2985 5G stations, according to the report released by the communications ...

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[Number of 5G mobile base stations rose 35% in 2022](#)

The number of 5G (fifth-generation mobile communications) base stations installed in Portugal increased 35% in the fourth quarter of



2022, to a total of 5,842, spread across 98% ...

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[5G mmWave Guide A Resource for Operators](#)

Accompanying the Guide is a new publicly available GSMA fact sheet designed to provide high-level information on 5G mmWave, the benefits and safety. The Guide is part of both the GSMA ...

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Number of 5G base stations installed in Portugal increased by

Based on the mapping of Low Density areas, it can be seen that the vast majority of 5G stations is installed in civil parishes other than Low Density (5055 stations, 65% of ...

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[Number of 5G mobile base stations rose 35% in 2022](#)

The number of 5G (fifth-generation mobile communications) base stations installed in Portugal increased 35% in the fourth quarter of 2022, to a total of 5,842, spread across 98% ...

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[Installation of Base Stations and Radiation Safety](#)

The rollout of 5G services needs the establishment of an extensive network of radio base stations and small cells to support very high-speed data transmission and ubiquitous coverage. To ...

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5G now present in all Portuguese municipalities and in 70% of ...

At the end of 1st quarter 2024, according to information reported by operators, there were 9,999 base stations in Portugal with 5G technology. This represents a 12% increase in ...

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