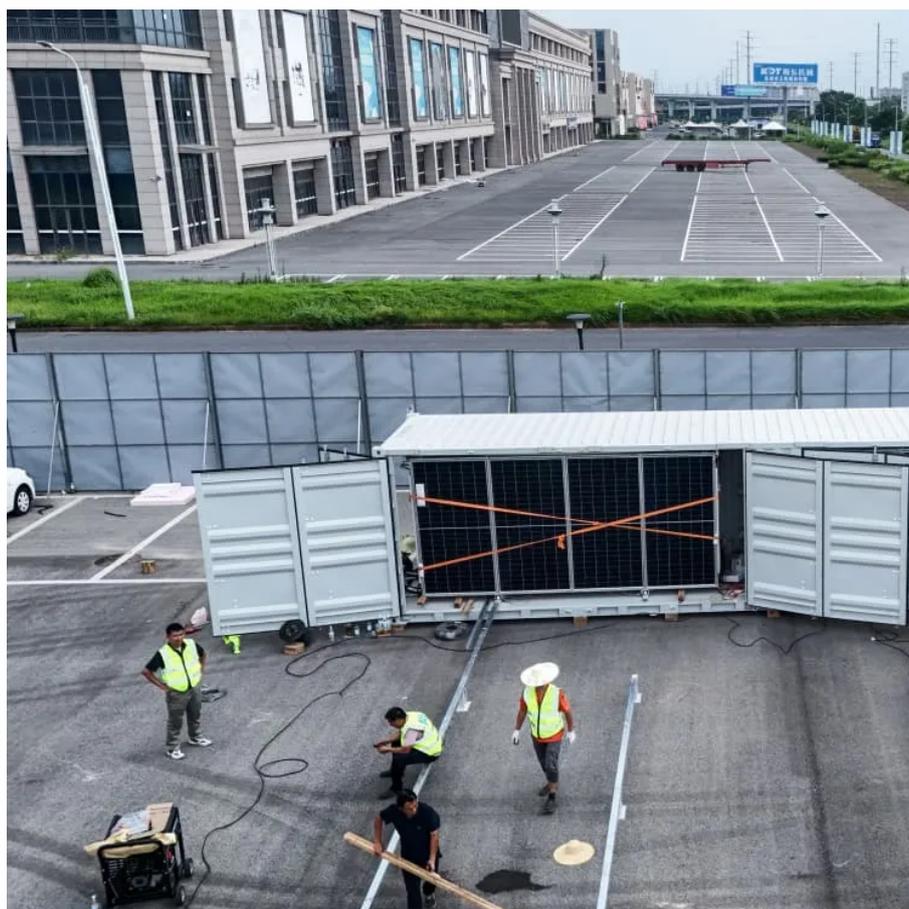




# Number of 5G base stations of Turkmenistan s telecommunications operators





## Overview

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Turkmenistan has a state-controlled press and monitored communication systems. Turkmenistan's telecommunications services are considered to be the least developed of all the Commonwealth of Independent States (CIS) countries. Overall, the telecom market in this predominantly rural country is relatively small but has been trying boldly to expand in recent years. The state. SatelliteThe launch of the first Turkmen communication satellite was launched in April 2015, the satellite has an.

BCTI was the only operator in the country with a 10-year exclusive license granted in 1994. Due to lack of competition, BCTI continued to operate without investing much to cover rural areas. The expensive cost of the.

Turkmenistan gained access to the in 1997 through a contract with (later became ). A small number of independent were forced out.

An signal feed of 5 national channels is receivable over-the-air in all living areas across the country. Foreign TV channels are watched with a digital satellite receiver. In some places of Ashgabat, cable service is a.

- main lines in use: 500,000 (2006) domestic: 500 automatic telephone stations and 500,000 . international: linked by and to other Commonwealth of Indepe.

Does Turkmenistan have a 5G network?

By June 2025, Arkadag became the first city in Turkmenistan with a pilot 5G network, implemented in cooperation with China's Huawei and using the national satellite for backhaul . This 5G pilot is an exception - nationwide, Turkmenistan's mobile data operates mostly on slower 3G/4G technologies.

Does Turkmenistan have a GSM network?

The state-owned Turkmen Telecom has been the primary provider of public telephone, email and internet services, and through a subsidiary has been operating a GSM mobile network in competition with a private mobile operator, BCTI (BCTI became MTS Turkmenistan in 2005).

When did 5G start in Turkmenistan?



In February 2025, a 4G+ (LTE-Advanced) network was launched in the model “smart city” of Arkadag . By June 2025, Arkadag became the first city in Turkmenistan with a pilot 5G network, implemented in cooperation with China’s Huawei and using the national satellite for backhaul .

Which telecom companies are in Turkmenistan?

Internet access and broadband penetration rates in Turkmenistan remain among the lowest in the world. Turkmentelecom, TM Cell (Altyn Asyr), Ashgabat Sähär Telefon Ulgamy (ASTU), MTS Turkmenistan. Download the latest report on the Turkmenistan Telecom Industry. Early presidential elections in Turkmenistan raise slight hopes of telecom sector reform.



## Number of 5G base stations of Turkmenistan s telecommunications o



### The city of Arkadag is preparing to launch the first 5G network in

According to the Director General of the Agency for Transport and Communications Mammethan Chakyevev, the 5G network will provide high data throughput and ...

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### Charts & Statistics

5G Americas tracks the number of LTE and 5G network deployments around the world collected from data are provided by our partners, ...

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### Turkmenistan Telecoms Market report, Statistics and Forecast

This report includes the most recently published government and ITU data on Turkmenistan's telecom sector, Telecom Maturity Index charts and analyses, assessment of the global impact ...

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### [Turkmenistan Explores 5G Network Development ...](#)

At the 17th international exhibition "Türkmentel - 2024" held in Ashgabat, Huawei announced its ongoing discussions on the potential ...

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## Turkmenistan Telecom Infrastructure Market Trends, Statistics, ...

Turkmenistan's telecom industry is expected to see a major expansion of its network infrastructure during the 2019 to 2022 period. The top mobile operators are now planning to extend ...

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## [Internet Access and Satellite Connectivity in Turkmenistan](#)

The UN's ITU has noted Turkmenistan's low internet penetration and offered support to improve rural connectivity; some modest investments in community satellite ...

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## Turkmenistan

According to DataReportal, about 34.9 % of the population (? 2.64 million people) are internet users, and there are roughly 5.14 million active mobile connections, equivalent to about 68 % ...

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



## [markets, Statista](#)

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.

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## **Turkmenistan Explores 5G Network Development - Global Validity**

At the 17th international exhibition "Türkmentel - 2024?" held in Ashgabat, Huawei announced its ongoing discussions on the potential deployment of 5G networks in Turkmenistan.

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## **Telecommunications in Turkmenistan**

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## [markets](#)

Comparison of the number of 5G base stations in the European Union (EU) and selected countries worldwide in 2024 [Graph], ...

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## [Number of 5G base stations operated by Turkmenistan s](#)

In data collected between July 2022 and June 2024, China was reported to have had around 3.5 million 5G base stations installed across the country, with Chinese mobile operators investing ...

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