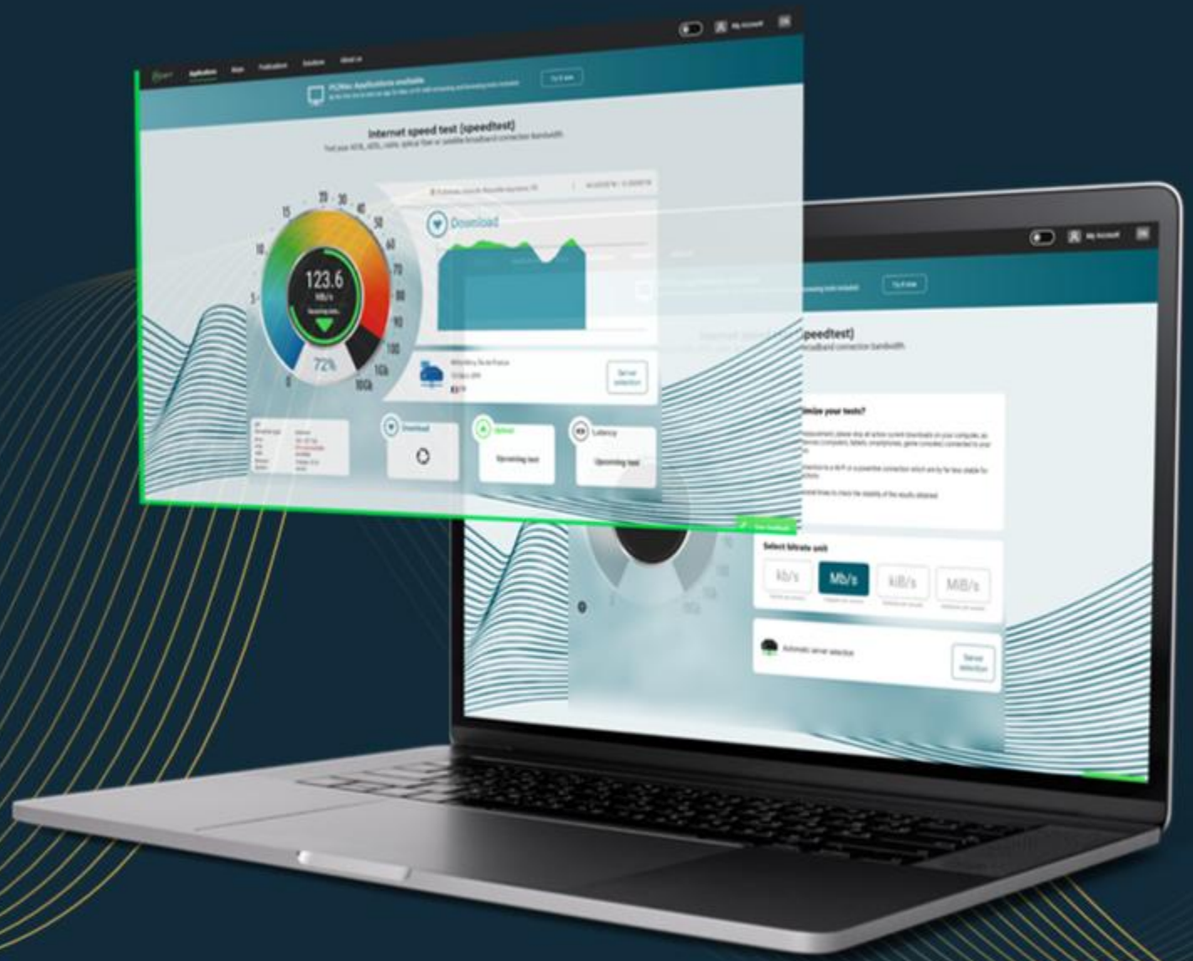
07/11/2025

Barometer of fixed Internet connections in Taiwan

07/01/2024 - 06/30/2025



Agenda

1. Introducing nPerf
2. Executive summary
3. Analysis
4. Methodology
5. nPerf Network assesment

Expert in the telecom network optimization

nPerf is an independent French company based in Lyon (France). For over a decade, nPerf has been a trusted partner for both fixed and mobile operators, providing comprehensive network testing solutions and analysis. Our mission is to accurately measure, evaluate, and enhance the understanding of Internet connectivity around the world.

300k+ tests daily worldwide.

26Md+ coverage scans in total.

3k+ servers all around the world.

Test your Internet connection with nPerf!

nPerf allows you to test the quality of your fixed, mobile, or Wi-Fi Internet connections up to 10 Gb/s! Download our app or visit our website!

Télécharger dans l'App Store

DISPONIBLE SUR Google Play

Test your connection on nPerf.com

2. Executive Summary

The subscribers of Chunghwa Telecom enjoyed the best fixed Internet performances in 2025.

Fixed Internet connections in Taiwan

	Chunghwa Telecom	Far EasTone	Taiwan Fixed Network
Download speedss (Mb/s)	129.62	83.46	80.77
Upload speedss (Mb/s)	72.06	18.31	17.51
Latency (ms)	78.59	84.93	113.63
Web browsing (%)	54.48	51.63	52.04
Youtube streaming (%)	84.61	81.04	83.56
nPerf Score (nPoints)	84 369	68 190	67 331

Source : nPerf.com

中華電信 Chunghwa Telecom

Best fixed Internet performance in 2025



Source : nPerf.com



Source : nPerf.com

The subscribers of Far EasTone and Taiwan Fixed Network enjoyed the best FTTH Internet performances in Taiwan in 2025.

FTTH fixed Internet connections in Taiwan

	Chunghwa Telecom	Far EasTone	Taiwan Fixed Network
Download speedss (Mb/s)	287.55	458.29	468.16
Upload speedss (Mb/s)	221.26	128.34	116.44
Latency (ms)	59.50	58.01	86.86
Web browsing (%)	64.35	67.39	73.96
Youtube streaming (%)	92.65	91.24	92.00
nPerf Score (nPoints)	114 725	118 614	119 694

Source : nPerf.com

The subscribers of Chunghwa Telecom enjoyed the best WIFI Internet performances in Taiwan in 2025.

fixed Internet connections in Taiwan

	Chunghwa Telecom	Far EasTone	Taiwan Fixed Network
Download speedss (Mb/s)	113.54	35.57	38.50
Upload speedss (Mb/s)	80.79	13.32	14.39
Latency (ms)	70.40	81.55	122.95
Web browsing (%)	57.07	43.55	42.63
Youtube streaming (%)	87.87	72.34	78.54
nPerf Score (nPoints)	87 983	50 591	51 810

Source : nPerf.com

Introduction

Chunghwa Telecom leads the fixed Internet sector in Taiwan, maintaining its position as the n°1 provider. With a score of 84,369 nPoints, Chunghwa Telecom demonstrates consistent performance across key metrics. In the WiFi segment, Chunghwa Telecom remains the leader, while Far EasTone and Taiwan Fixed Network have taken the top position for FTTH connections. Chunghwa Telecom excels in most performance indicators, ranking first in download speeds (129.6 Mbps), upload speeds (72.1 Mbps), latency (78.6 ms), browsing experience (54.5%), and video streaming quality (84.6%).

Chunghwa Telecom: Comprehensive leader across fixed Internet services

With 84,369 nPoints, Chunghwa Telecom holds the first place in the overall ranking. The operator dominates the WiFi segment and delivers superior performance across all measured metrics. Chunghwa Telecom's download speed of 129.6 Mbps enables users to download large files quickly, while its upload speed of 72.1 Mbps facilitates high-quality video conferencing. The provider has notably improved its latency performance by 16.2%, enhancing the experience for online gaming and real-time applications.

Far EasTone: Strong improvements and FTTH leadership

Far EasTone scores 68,190 nPoints, securing the second position in the sector. The operator has claimed the n°1 spot in the FTTH segment, demonstrating its commitment to fiber connectivity. Far EasTone has made significant progress, improving its download speeds by 24.1%, upload performance by 12.3%, and latency by 22.7%. These enhancements provide users with a more responsive browsing experience and better performance for streaming content.

Taiwan Fixed Network: Solid FTTH performance

Taiwan Fixed Network achieves 67,331 nPoints, placing it in third position. Previously sole leader in FTTH, the operator now holds a co-leading position in this segment. Taiwan Fixed Network has improved its upload speeds by 15.8%, offering better performance for users who need to share content online. With good streaming capabilities at 83.6%, the operator provides a smooth experience for users watching online videos.

Conclusion

The Taiwanese fixed Internet sector shows healthy competition with Chunghwa Telecom maintaining its overall leadership while Far EasTone and Taiwan Fixed Network demonstrate notable improvements. This competitive landscape continues to drive better services and performance enhancements for consumers across Taiwan.

4. Methodology

nPerf provides a free application to assess Internet connection quality via its website and mobile apps (Android, iOS). Daily, thousands of people rely on nPerf for speed tests in their country, contributing to a comprehensive crowdsourced database covering all operators.

The study employs a strong filtering method to reflect real customer experiences on a specific network (mobile or fixed line). Measures are taken to prevent probes and measurement robots from affecting the results.

We assess:

Download bitrate

Indicates the amount of data your connection can receive in one second from the nPerf server. The highest the measured value, the best is the bitrate of your connection.

Upload bitrate

Indicates the amount of data your connection can send in one second to the nPerf server. The highest the measured value, the best is the bitrate of your connection.

Latency (ping)

It indicated the delay a small packet of data requires to make a round-trip from your computer to the nPerf server. The shorter the delay, the most reactive your connection is. The mean is the minimum value.

Browsing performance

The browsing test assesses the load time of the fully loaded pages, including images, javascript, CSS, and fonts, for the five most popular sites. This indicator reflects the perceived quality by the user.

Streaming performance

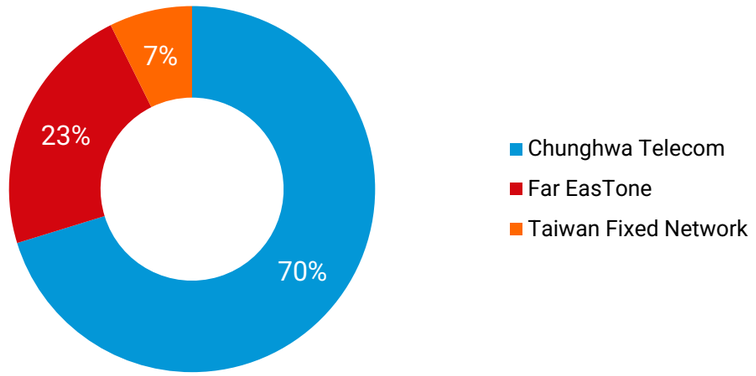
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

Statistical precision is crucial in accurately determining winners. At nPerf, we prioritize test quality, precise reporting, and transparency. Analyzing a large volume of tests in this study, we've achieved 2.9% precision for absolute values, highlighting the reliability and accuracy of our data.

For a more comprehensive understanding of the user experience, our report features test results during both Busy hours (6 PM to 11 PM) and Idle hours (the rest of the day). Busy hours, marked by network strain, can impact user experience through congestion. This approach helps in understanding how network performance fluctuates throughout the day.

We only include national Internet service providers with test share above 5% share. The chart below shows the overall test distribution for each service provider.

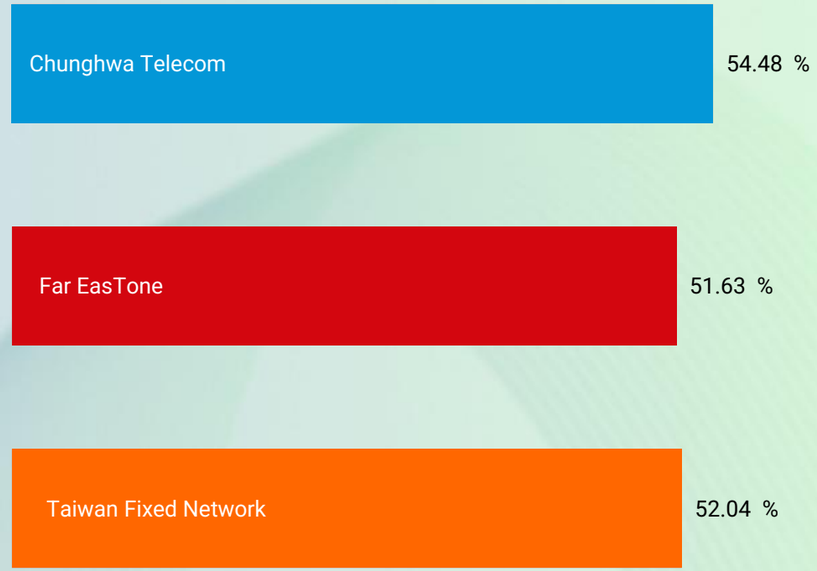
Overall distribution of the tests per provider (ISPs Share)



Source : nPerf.com

Quality of Experience : Browsing

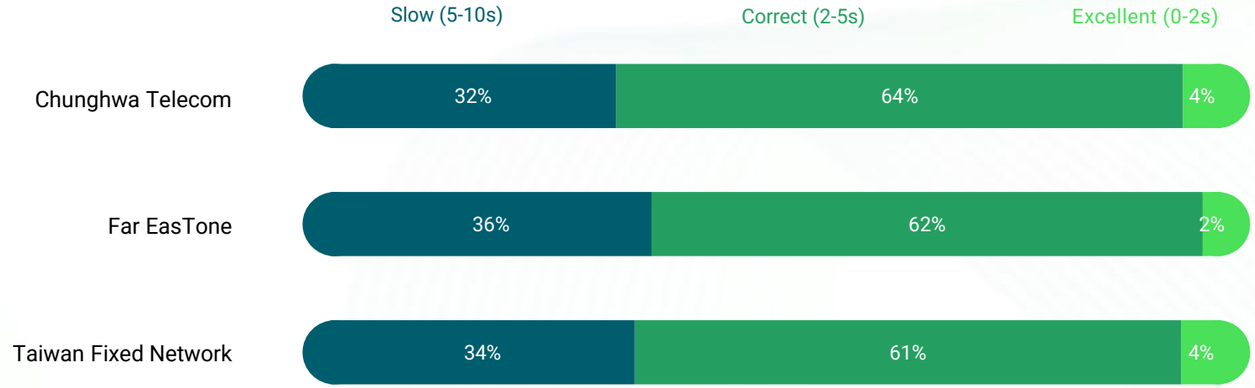
Browsing Performance rate (average)



Source : nPerf.com

The subscribers of Chunghwa Telecom enjoyed the best fixed Internet browsing performance in 2025.

Browsing Performance results ventilation (average)



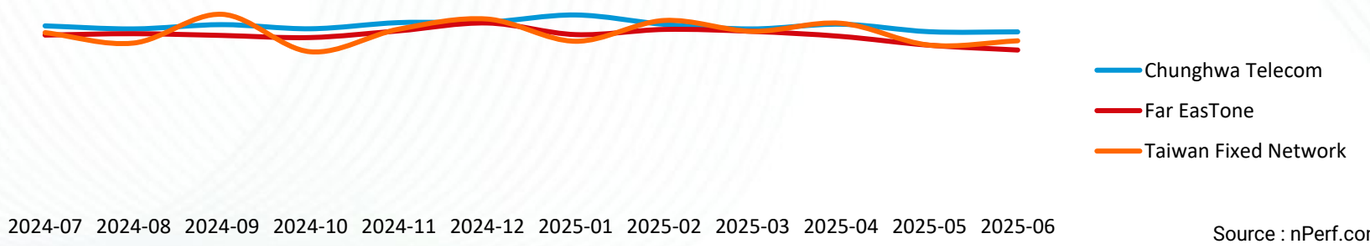
Source : nPerf.com

Browsing Performance rate (average)



Source : nPerf.com

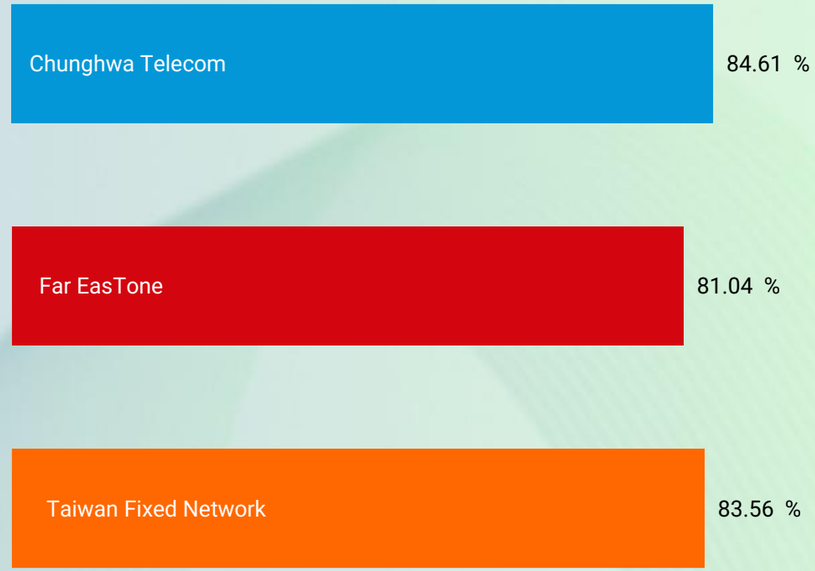
Browsing performance rate (average) evolution over the year



Source : nPerf.com

Quality of Experience : Streaming

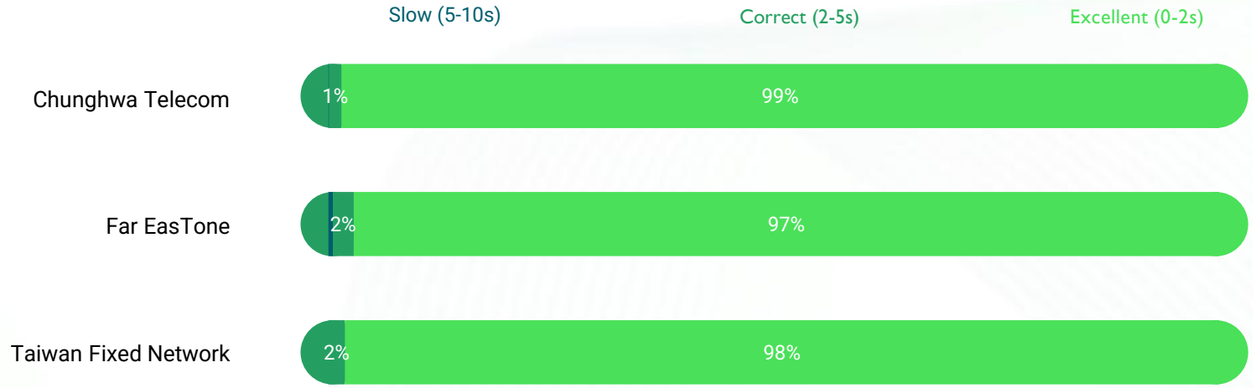
Streaming Performance rate (average)



Source : nPerf.com

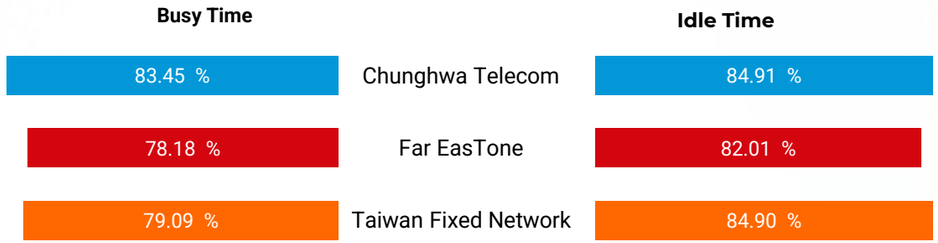
The subscribers of Chunghwa Telecom enjoyed the best fixed Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



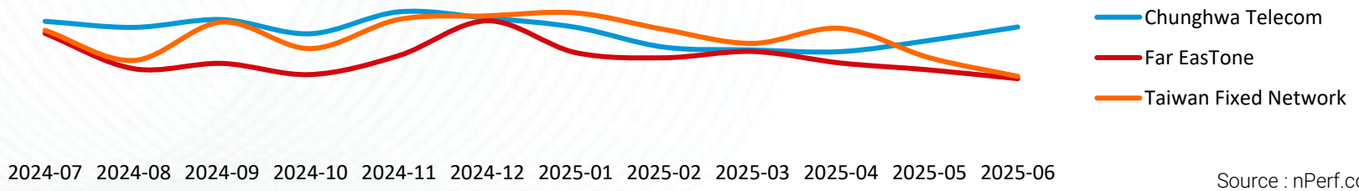
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

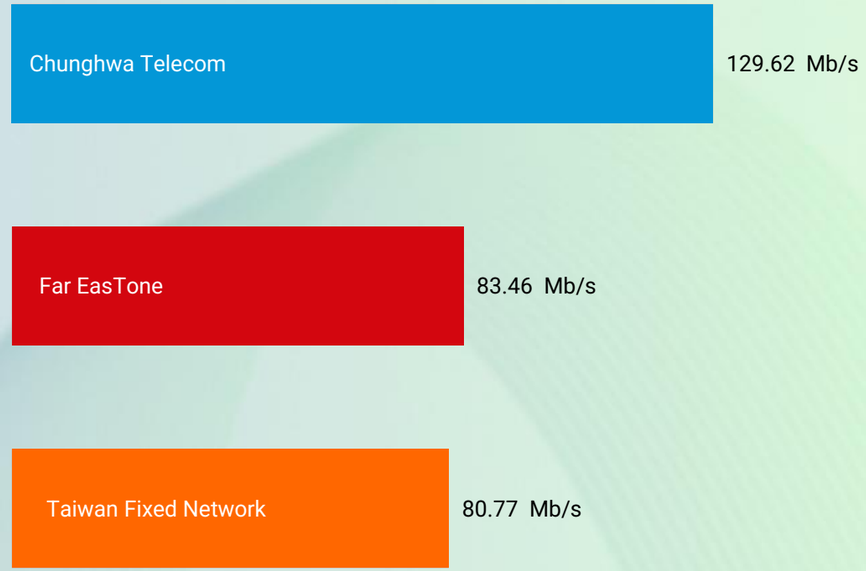
Streaming performance rate (average) evolution over the year



Source : nPerf.com

Speed : Download

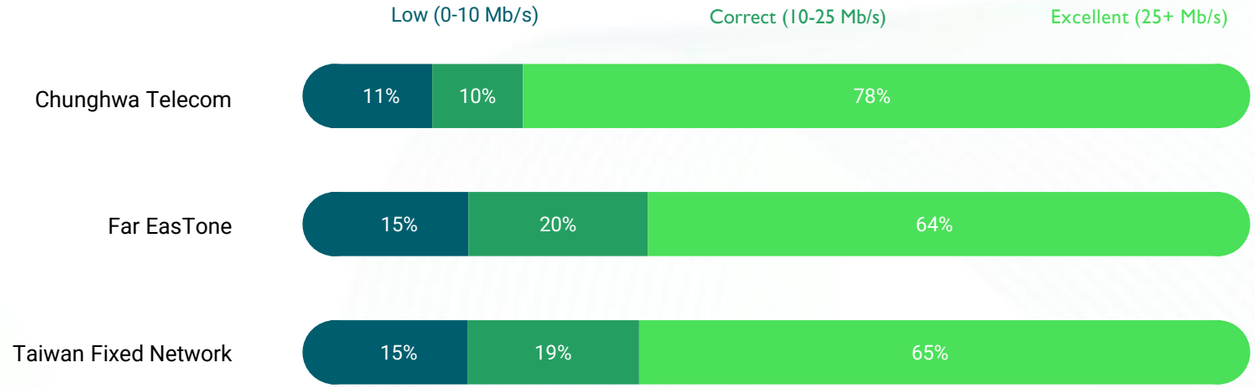
Download Speed (average)



Source : nPerf.com

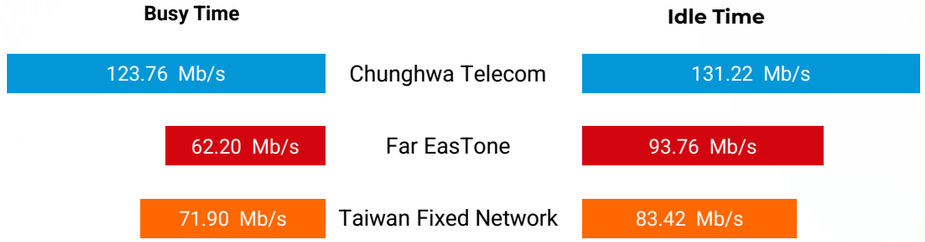
The subscribers of Chunghwa Telecom enjoyed the best average fixed Internet download speed in 2025.

Download Speed results ventilation (average)



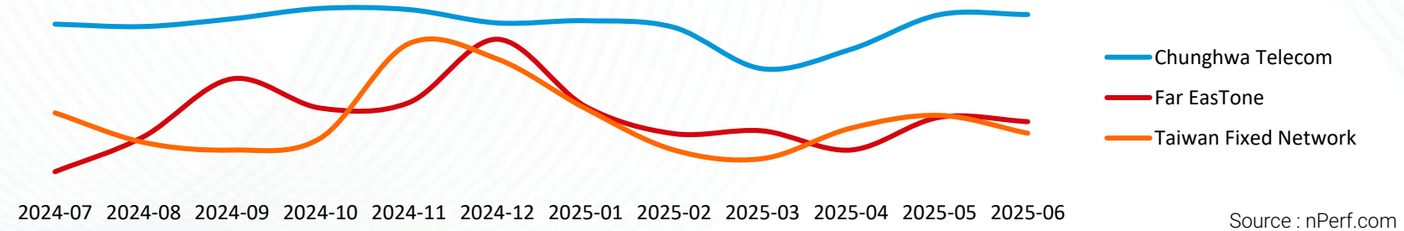
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

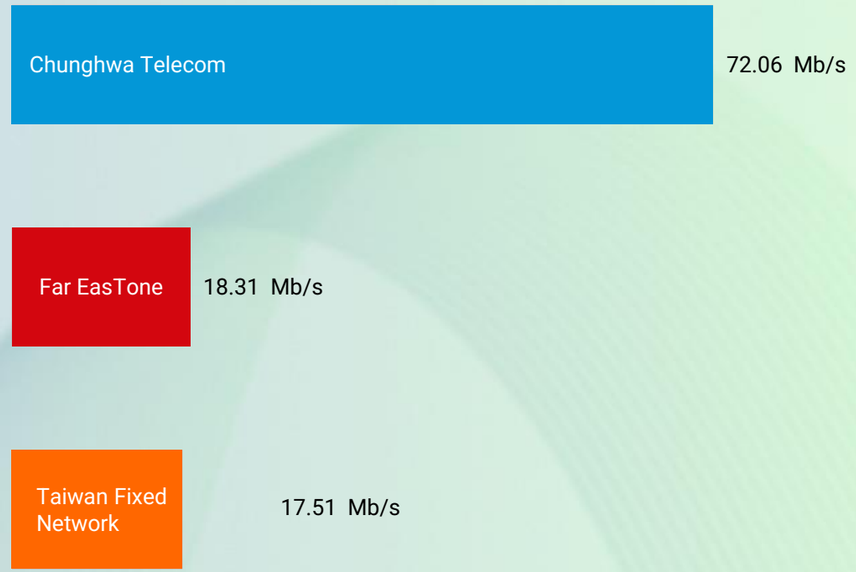
Download Speed evolution over the year (average)



Source : nPerf.com

Speed : Upload

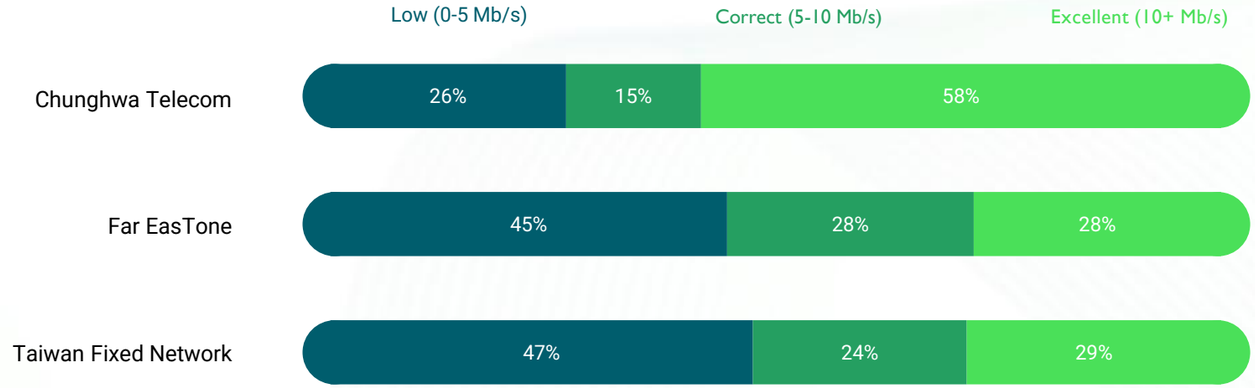
Upload Speed (average)



Source : nPerf.com

The subscribers of Chunghwa Telecom enjoyed the best average fixed Internet upload speed in 2025.

Upload Speed results ventilation (average)



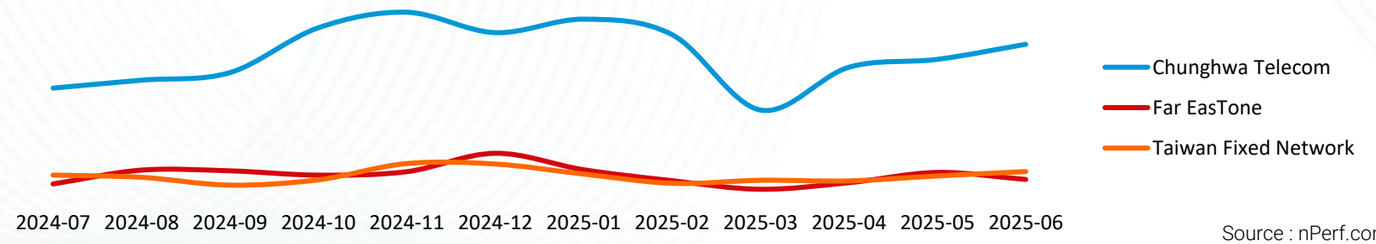
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

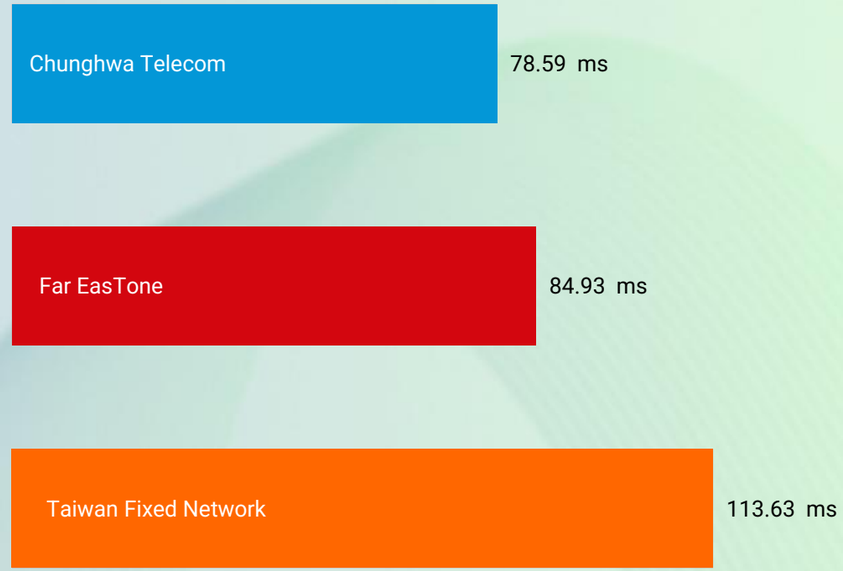
Upload Speed evolution over the year (average)



Source : nPerf.com

Speed : Latency

Latency Speed (average)



Source : nPerf.com

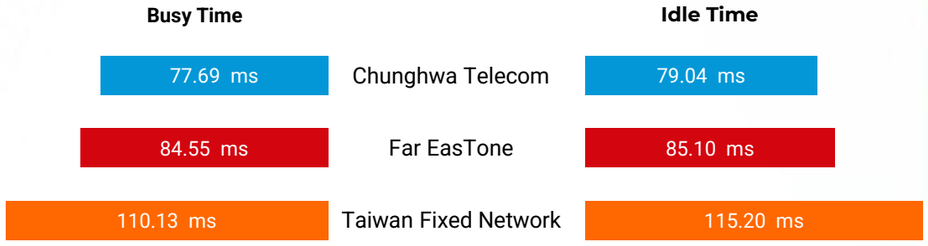
The subscribers of Chunghwa Telecom enjoyed the best average fixed Internet latency speed in 2025.

Latency Speed results ventilation (average)



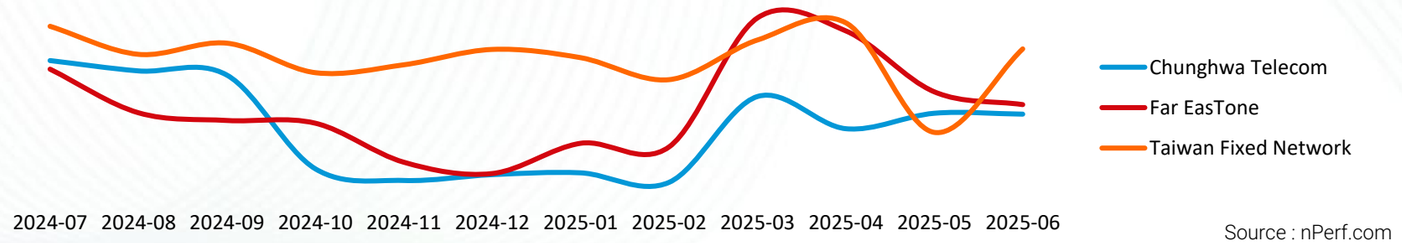
Source : nPerf.com

Latency Speed (average)



Source : nPerf.com

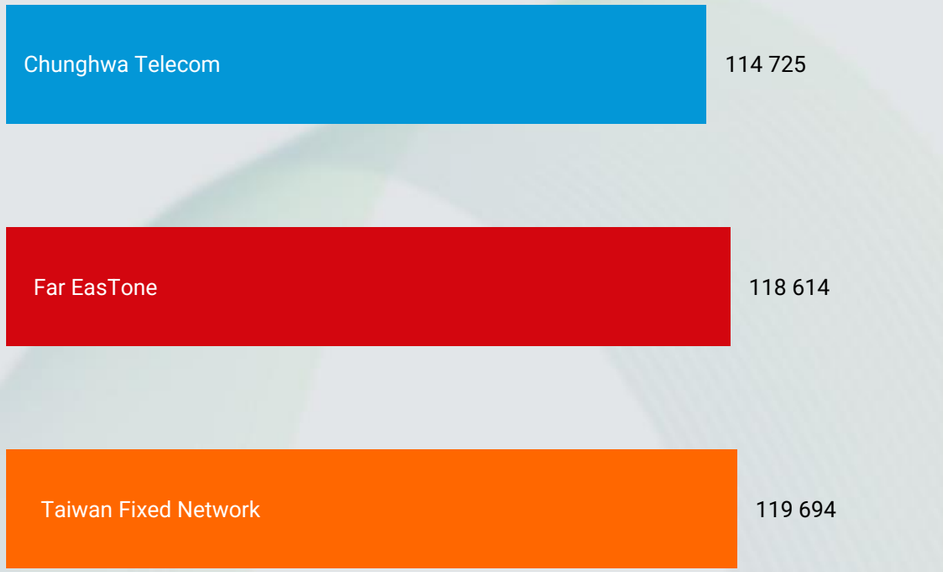
Latency Speed evolution over the year (average)



Source : nPerf.com

FTTH | Fixed Internet performance in Taiwan

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Far EasTone and Taiwan Fixed Network enjoyed the best FTTH Internet performances in 2025.

- Best performances FTTH: Far EasTone and Taiwan Fixed Network
- Best web browsing performances FTTH: Taiwan Fixed Network
- Best video streaming performances FTTH: Chunghwa Telecom, Far EasTone and Taiwan Fixed Network
- Fastest performances (Download) FTTH: Far EasTone and Taiwan Fixed Network
- Fastest performances (Upload) FTTH: Chunghwa Telecom
- FTTH connections with the lowest latency: Chunghwa Telecom and Far EasTone

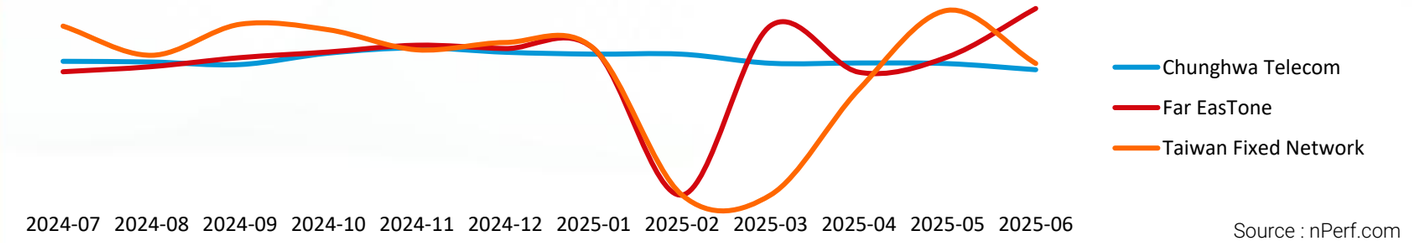
Source : nPerf.com

中華電信 Chunghwa Telecom | FAR EASTONE 遠傳 | TWM Broadband



Source : nPerf.com

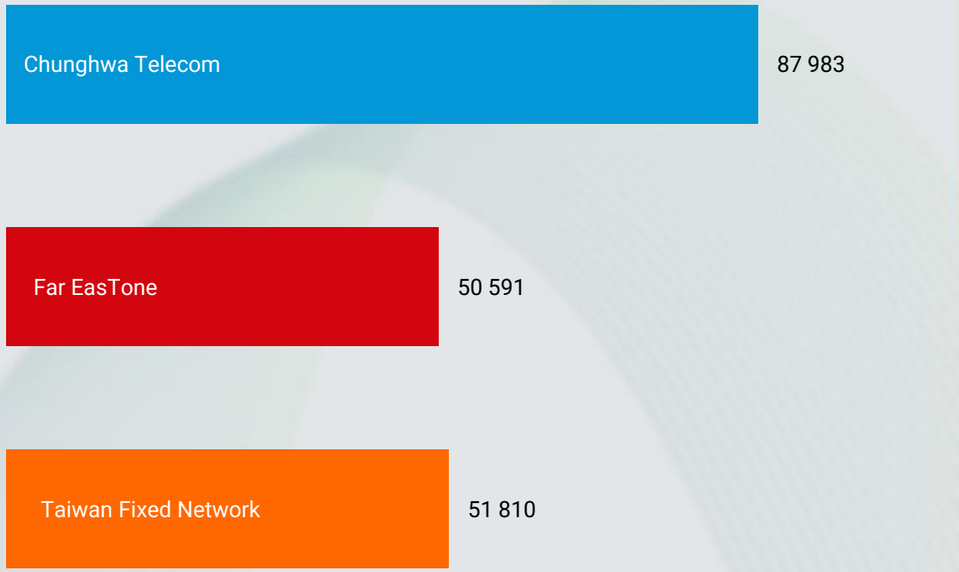
nPerf score evolution over the year (average)



Source : nPerf.com

WIFI | Fixed Internet performance in Taiwan

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Chunghwa Telecom enjoyed the best WIFI Internet performances in Taiwan in 2025.

- Best performances WIFI: Chunghwa Telecom
- Best web browsing performances WIFI: Chunghwa Telecom
- Best video streaming performances WIFI: Chunghwa Telecom
- Fastest performances (Download) WIFI: Chunghwa Telecom
- Fastest performances (Upload) WIFI: Chunghwa Telecom
- WIFI connections with the lowest latency: Chunghwa Telecom

Source : nPerf.com

中華電信 Chunghwa Telecom

FAR EASTONE 遠傳

TWM Broadband

Source : nPerf.com

nPerf score evolution over the year (average)

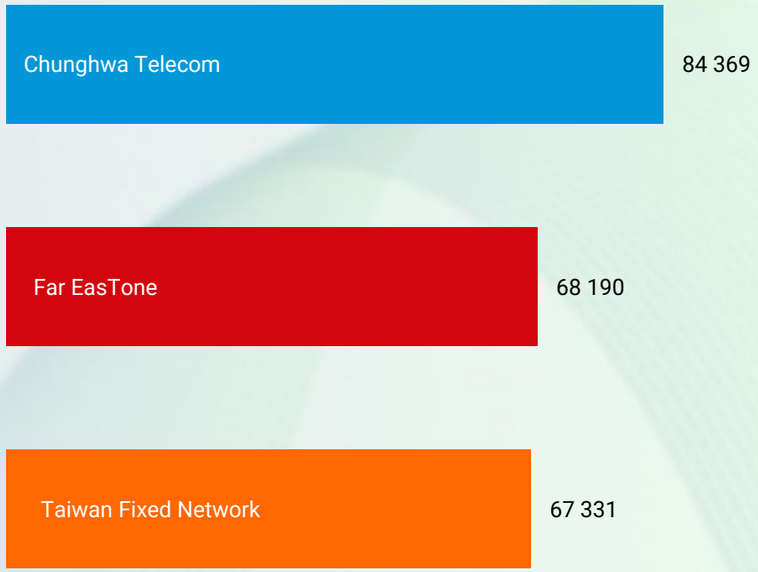


Source : nPerf.com

fixed Internet - 07/01/2024 - 06/30/2025 - Taiwan

Fixed Internet performance in Taiwan

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Chunghwa Telecom enjoyed the best fixed Internet performances in 2025.

The nPerf score takes into account the measured speedss, the latency and the QoE tests.

The value of the points for the rates and the latency is calculated on a logarithmic scale,

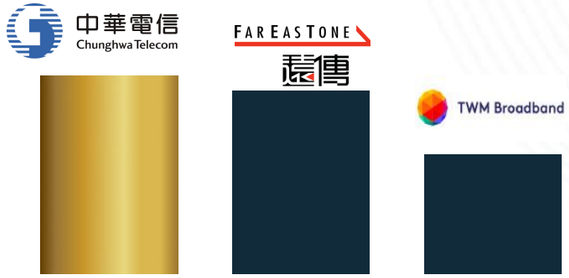
to better represent the perception of the user.

Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nPerf.com

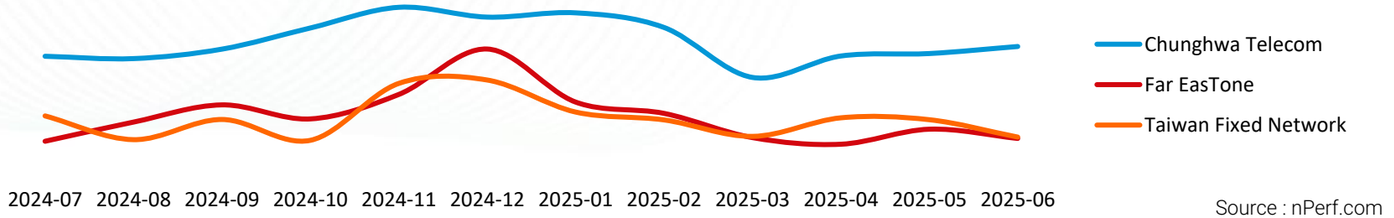
Best fixed Internet performance in 2025





Source : nPerf.com

nPerf score evolution over the year (average)



Source : nPerf.com


nperf