

07/18/2025

Barometer of 5G Internet connections in Philippines

07/01/2024 - 06/30/2025



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**nPerf Network
assessment**

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.

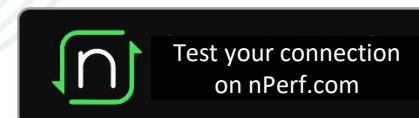
 **300k+** tests daily worldwide.

 **26Md+** coverage scans in total.

 **3k+** servers all around the world.

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2. Executive Summary



The subscribers of Dito enjoyed the best 5G Internet performances in 2025.

5G Internet connections in Philippines

	Dito	Globe	Smart Sun TNT
▼ Download bitrates (Mb/s)	235.94	72.56	83.90
▲ Upload bitrates (Mb/s)	20.86	11.04	12.16
◀▶ Latency (ms)	63.00	63.75	90.09
🌐 Web browsing (%)	61.35	53.71	56.44
🎥 Youtube streaming (%)	71.01	75.96	77.54
📶 nPerf Score (nPoints)	81 855	64 826	66 376

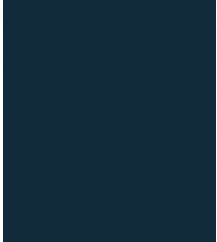
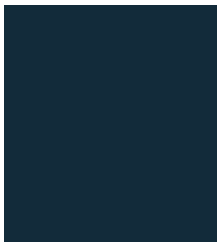
Source : nPerf.com



Best 5G Internet performance in 2025



Source : nPerf.com



Source : nPerf.com

Introduction

In the Philippines 5G Internet sector, Dito is the leader. This represents a change from the previous year when only Dito and Globe were at the top. Looking at individual performance metrics, Dito leads all metrics excepted streaming, while Globe is co-leader of latency. Smart/Sun/TNT is also co-leader in video streaming performance, sharing this distinction with Globe.

Dito: Maintains Technical Leadership

With a score of 81,855 nPoints, Dito remains a strong performer in the Philippines. The operator continues to hold the n°1 position for 5G technology and stands out with the highest download speed (235.94 Mbps) and upload speed (20.86 Mbps) in the sector. These solid download speeds allow users to enjoy smooth high-definition streaming and quick downloads of large files. Dito offers good overall performance despite ranking third in video streaming metrics.

Smart/Sun/TNT: Good performance and co-leader in video streaming

Smart/Sun/TNT scores 66,376 nPoints, securing second place in the overall ranking. The operator is co-leader in streaming experience with a 77.54%, offering users buffer-free video content. These strengths make the operator particularly well-suited for everyday web activities despite having the highest latency among competitors.

Globe: Excellent User Experience and co-leader in video streaming

Globe achieves a score of 64,826 nPoints, placing it at the third of the ranking. The operator distinguishes itself by co-leading latency (63.75 ms) in the sector, ensuring responsive online gaming and real-time applications. Globe also shares the top position with Smart/Sun/TNT for video streaming performance, with a solid 75.96% allowing users to enjoy buffer-free video content. While not leading in raw speed metrics, Globe provides a well-balanced service with good browsing performance (56.44%).

Conclusion

The Philippines 5G sector currently shows a three-way tie for sector leadership among Dito, Globe, and Smart/Sun/TNT, with each operator demonstrating distinct strengths. Globe leads in overall score, while Dito maintains technical superiority in speed metrics, and Smart/Sun/TNT offers the best browsing experience. This competitive environment benefits Filipino consumers, who can choose from multiple strong options depending on their specific usage needs.

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

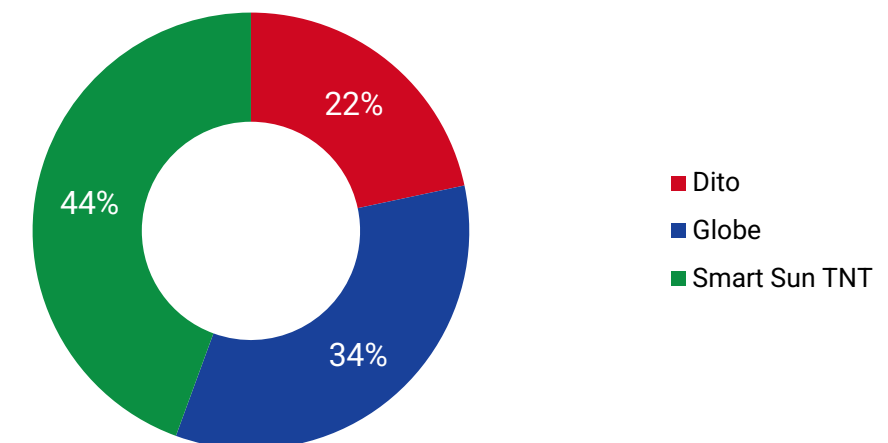
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 3.0% 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.

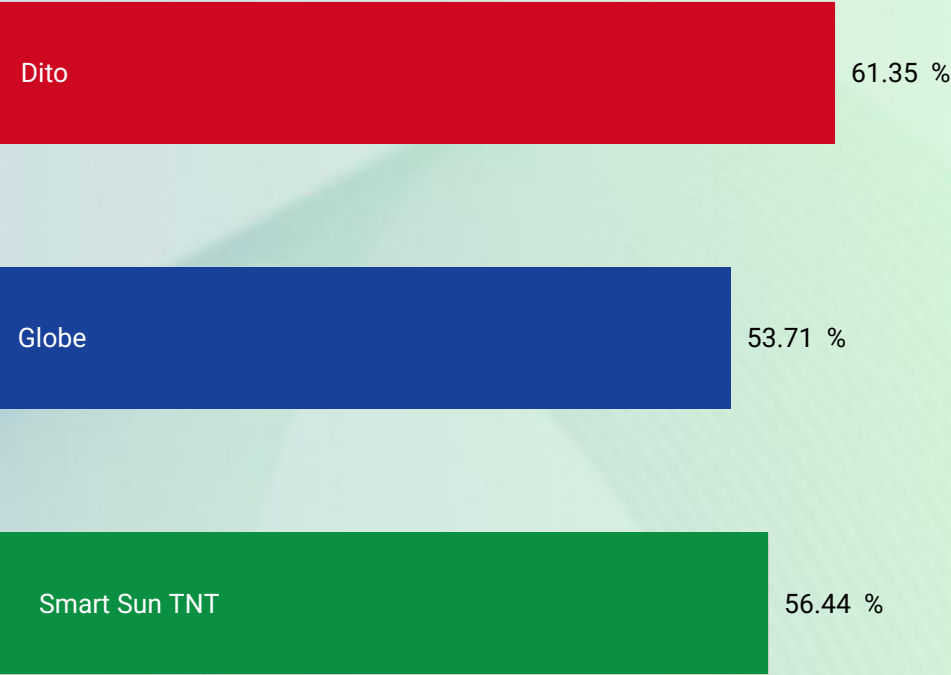
Overall distribution of the tests per provider (ISPs Share)



Source : nPerf.com



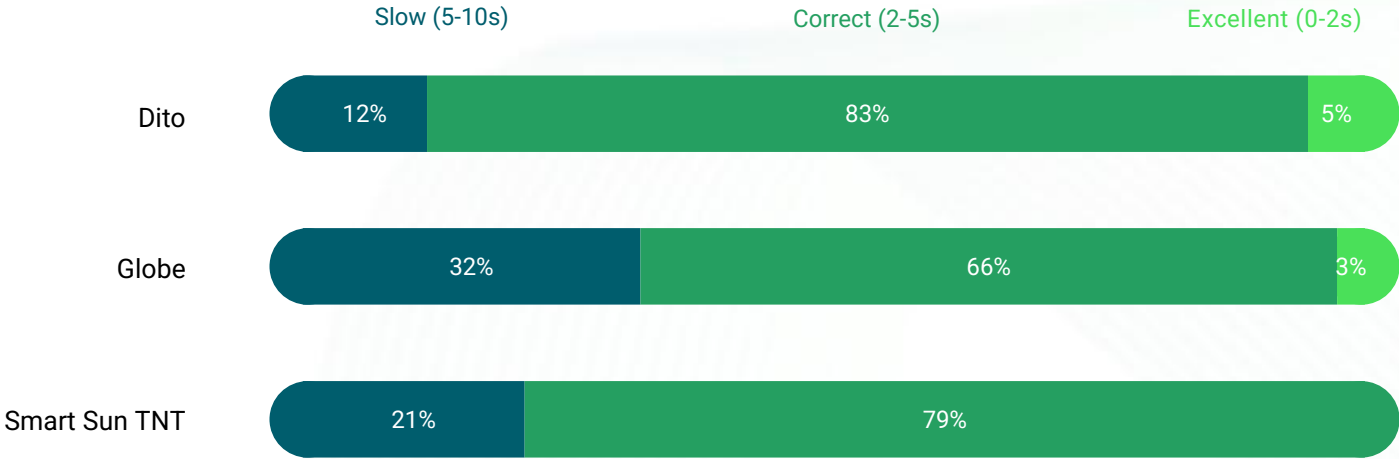
Browsing Performance rate (average)



Source : nPerf.com

The subscribers of Dito enjoyed the best 5G Internet browsing performance in 2025.

Browsing Performance results ventilation (average)



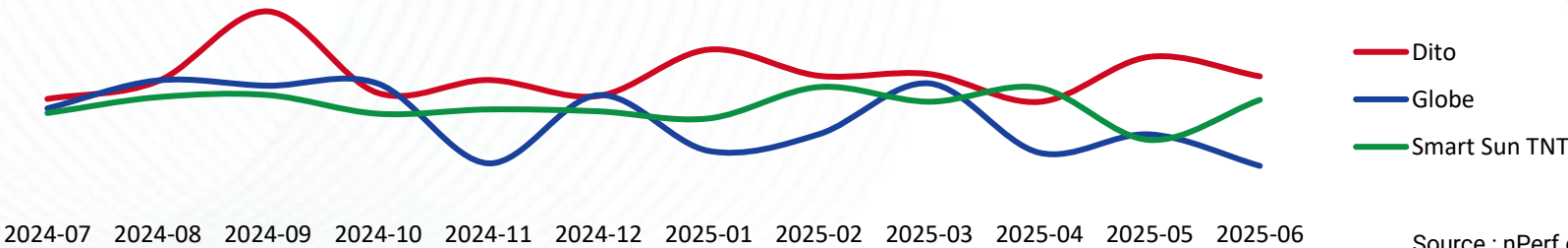
Source : nPerf.com

Browsing Performance rate (average)



Source : nPerf.com

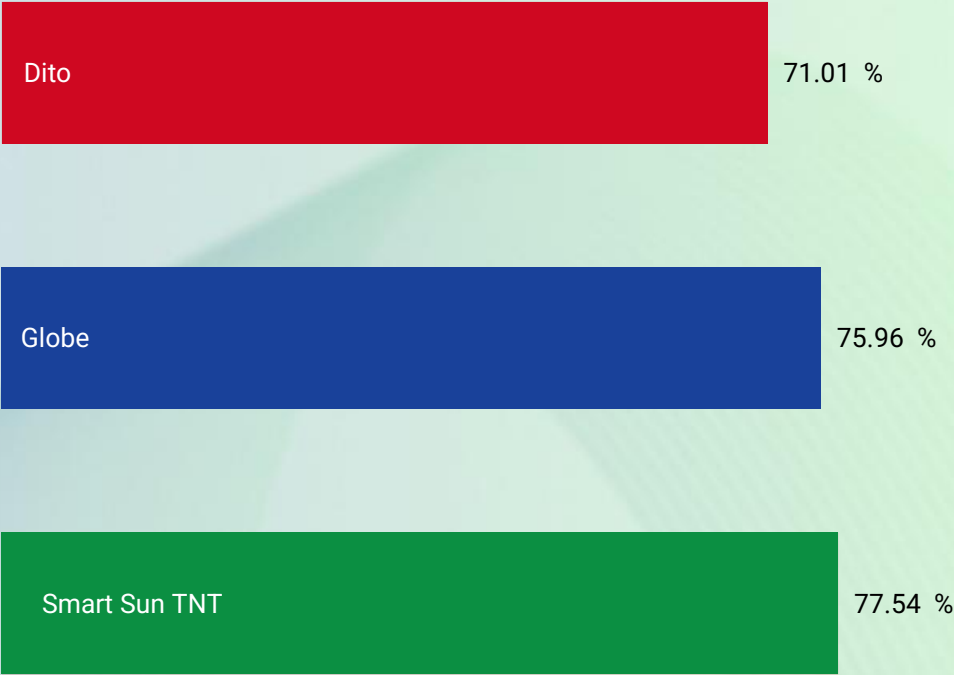
Browsing performance rate (average) evolution over the year



Source : nPerf.com



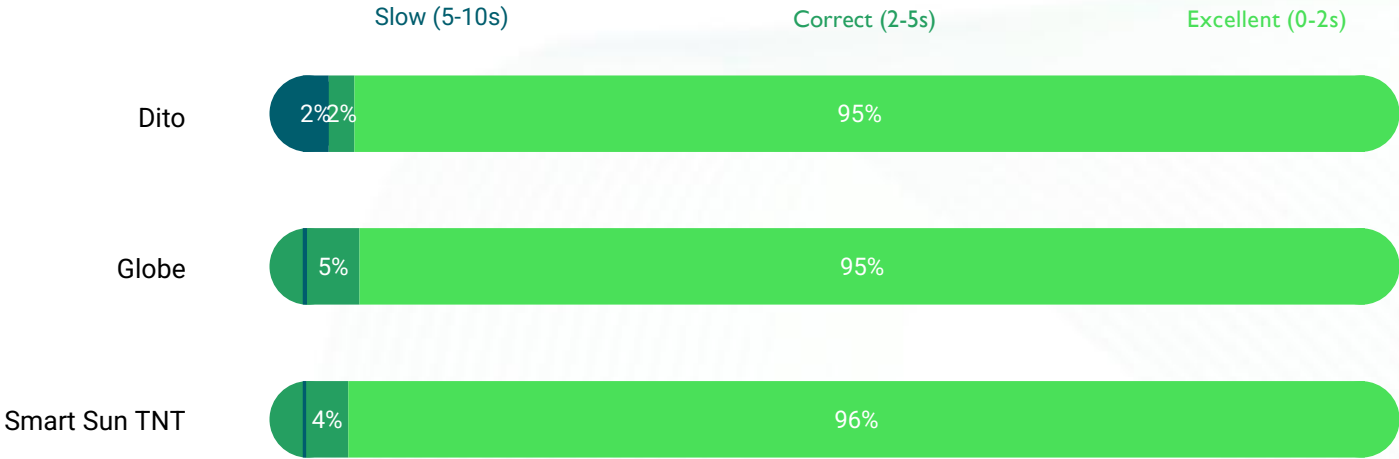
Streaming Performance rate (average)



Source : nPerf.com

The subscribers of Globe and Smart Sun TNT enjoyed the best 5G Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



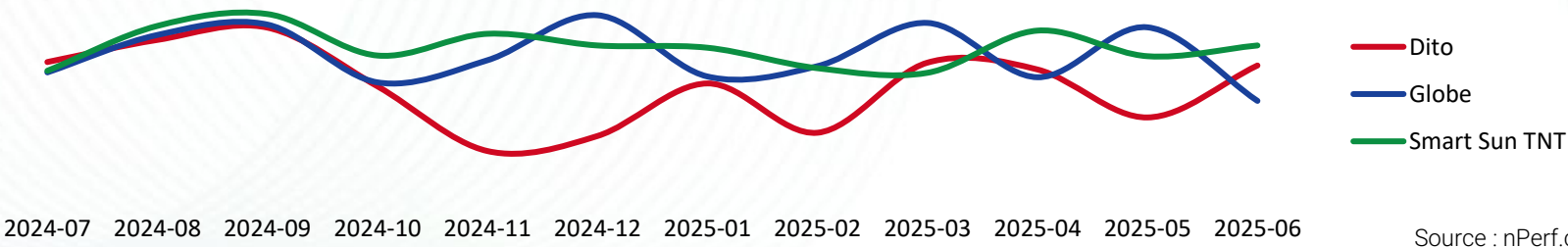
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

Streaming performance rate (average) evolution over the year



Source : nPerf.com



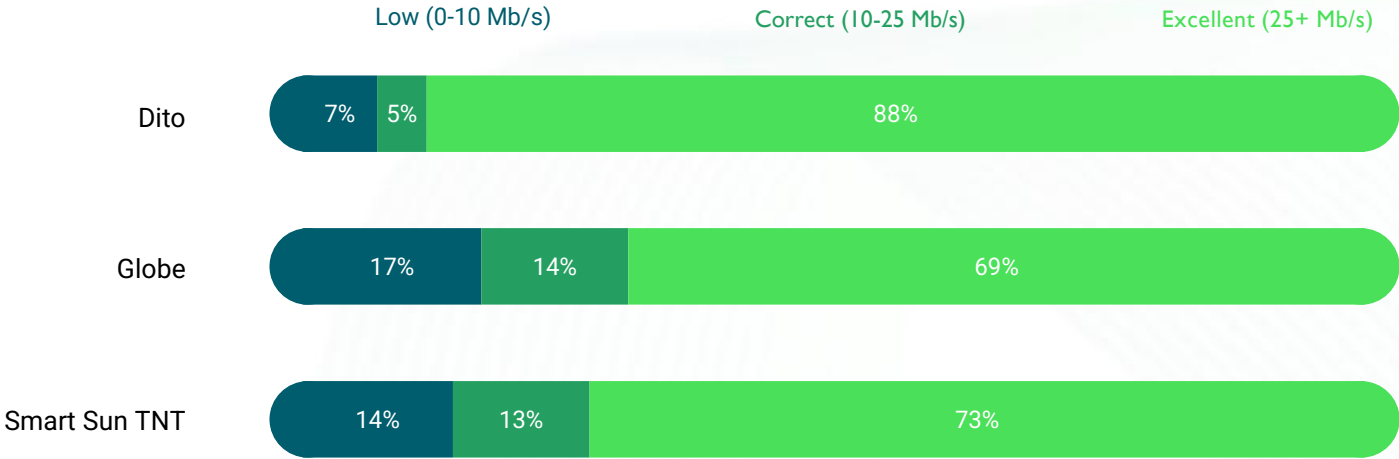
Download Speed (average)



Source : nPerf.com

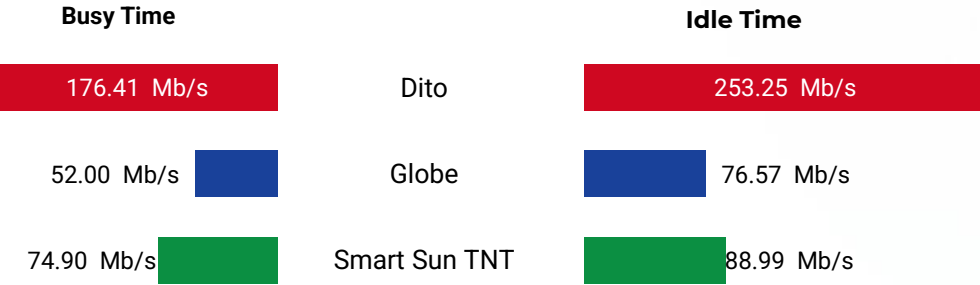
The subscribers of Dito enjoyed the best average 5G Internet download speed in 2025.

Download Speed results ventilation (average)



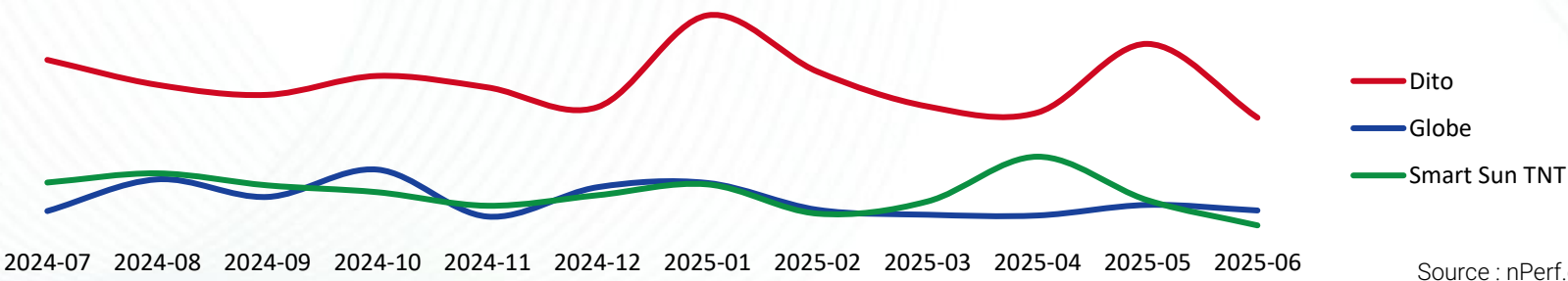
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

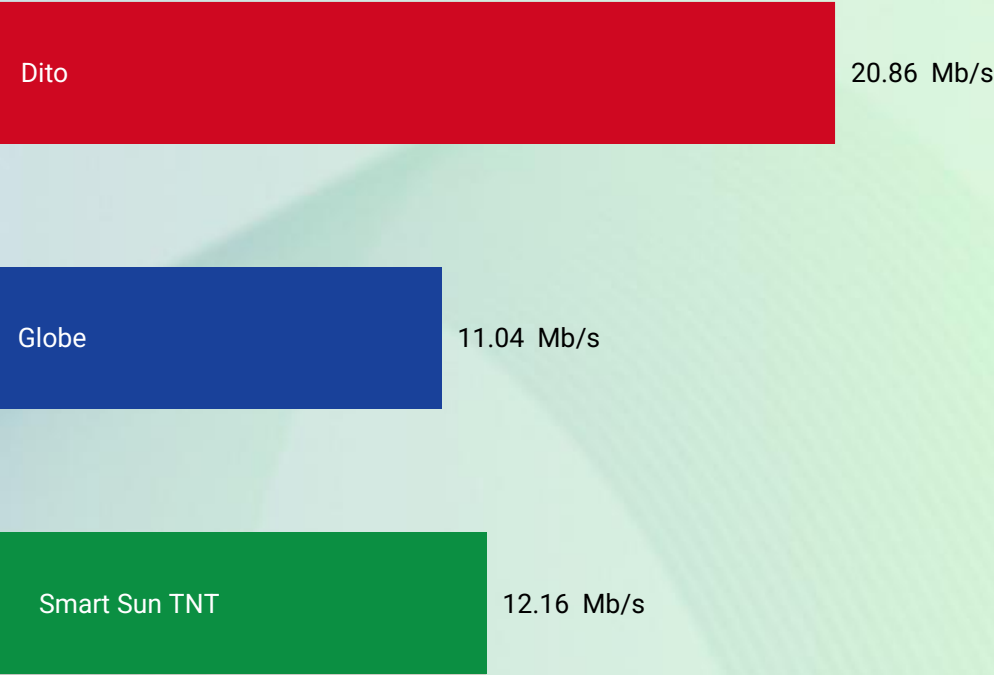
Download Speed evolution over the year (average)



Source : nPerf.com



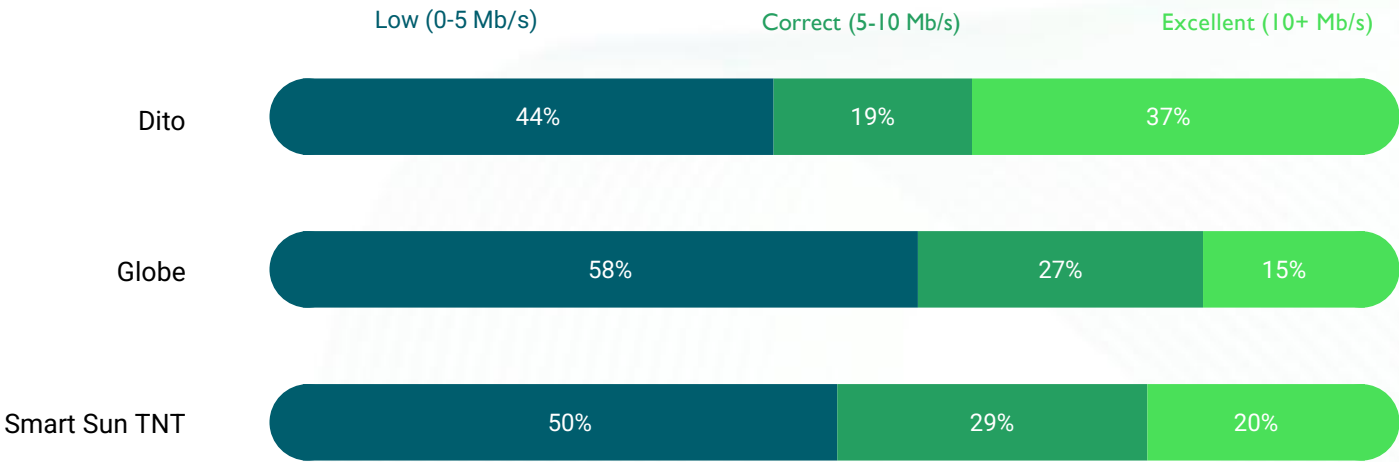
Upload Speed (average)



Source : nPerf.com

The subscribers of Dito enjoyed the best average 5G Internet upload speed in 2025.

Upload Speed results ventilation (average)



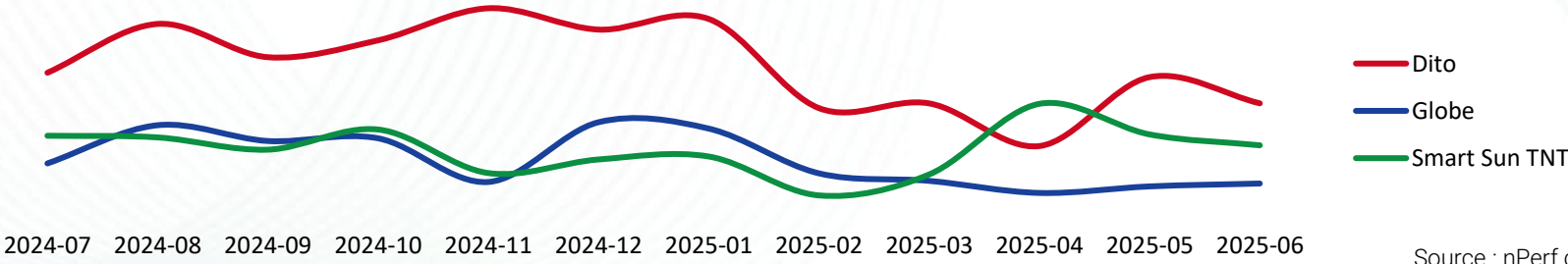
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

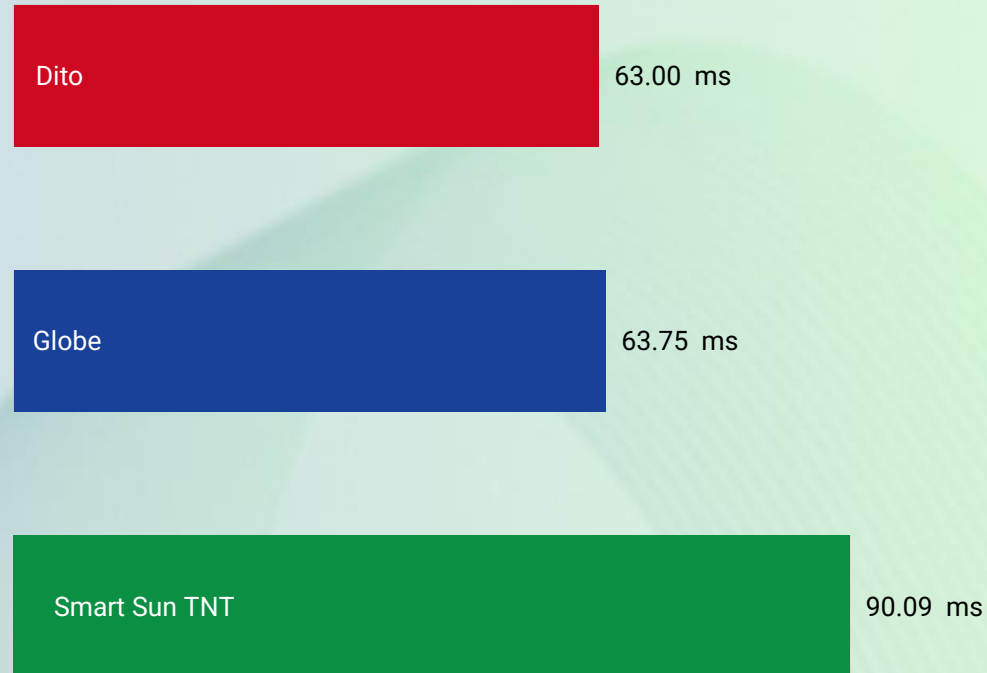
Upload Speed evolution over the year (average)



Source : nPerf.com



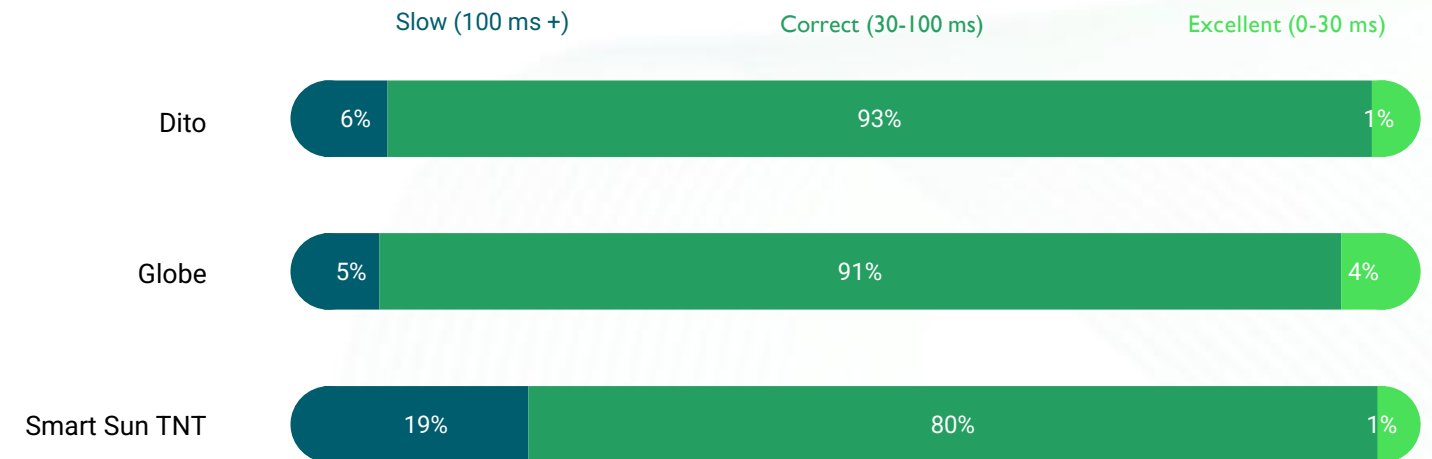
Latency Speed (average)



Source : nPerf.com

The subscribers of Dito and Globe enjoyed the best average 5G Internet latency speed in 2025.

Latency Speed results ventilation (average)



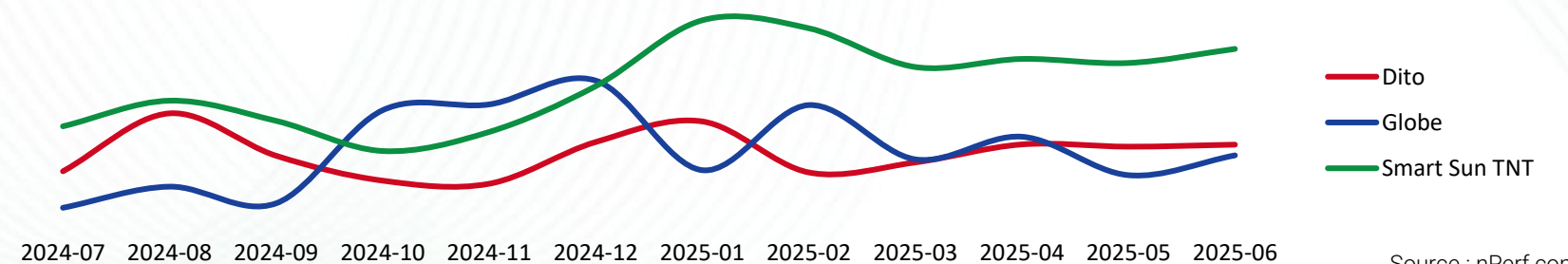
Source : nPerf.com

Latency Speed (average)



Source : nPerf.com

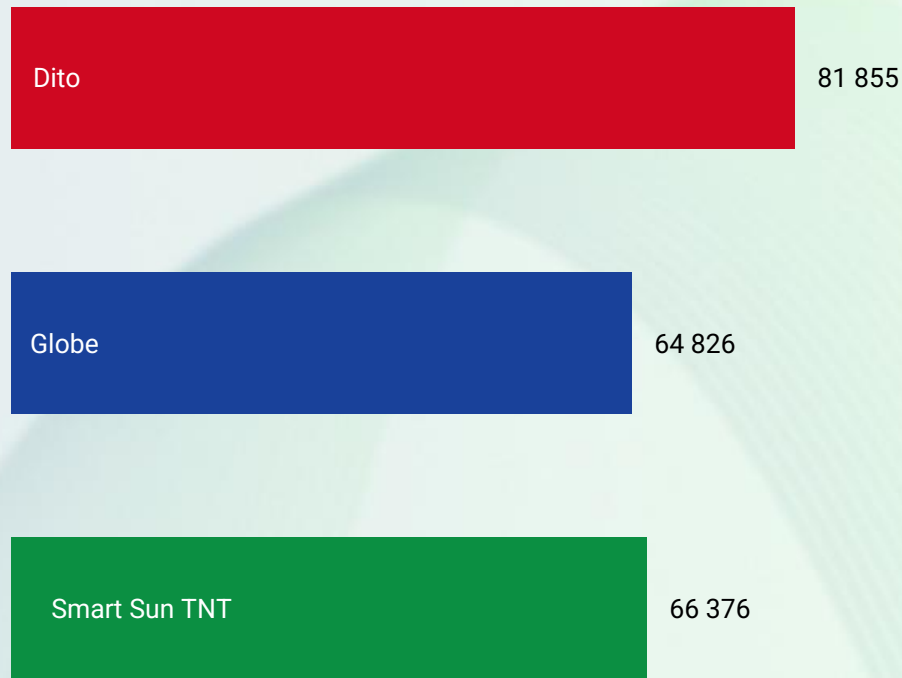
Latency Speed evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Dito enjoyed the best 5G Internet performances in 2025.

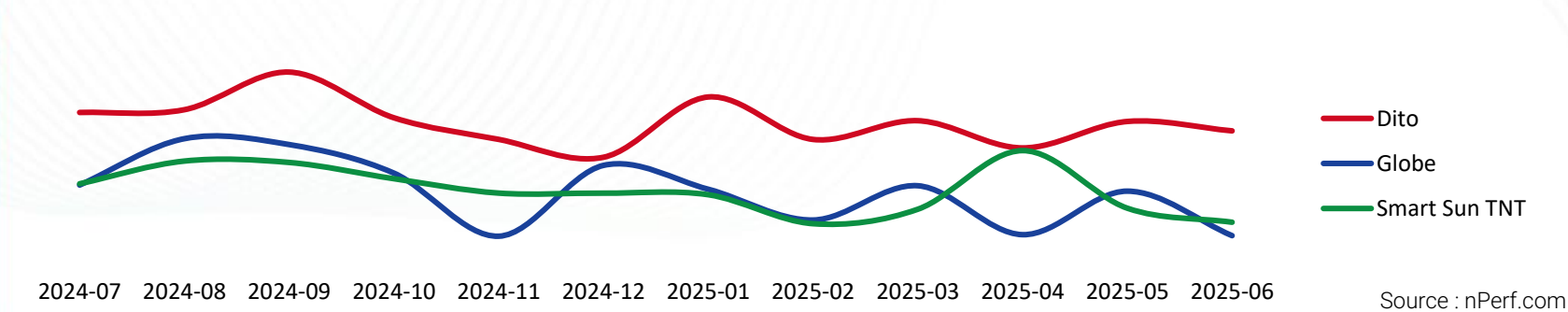
The nPerf score takes into account the measured bitrates, the latency and the QoE tests. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user. Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nPerf.com



Source : nPerf.com

nPerf score evolution over the year (average)



Source : nPerf.com

The background features a series of thin, light-colored wavy lines that create a sense of motion and depth across the dark blue field.

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