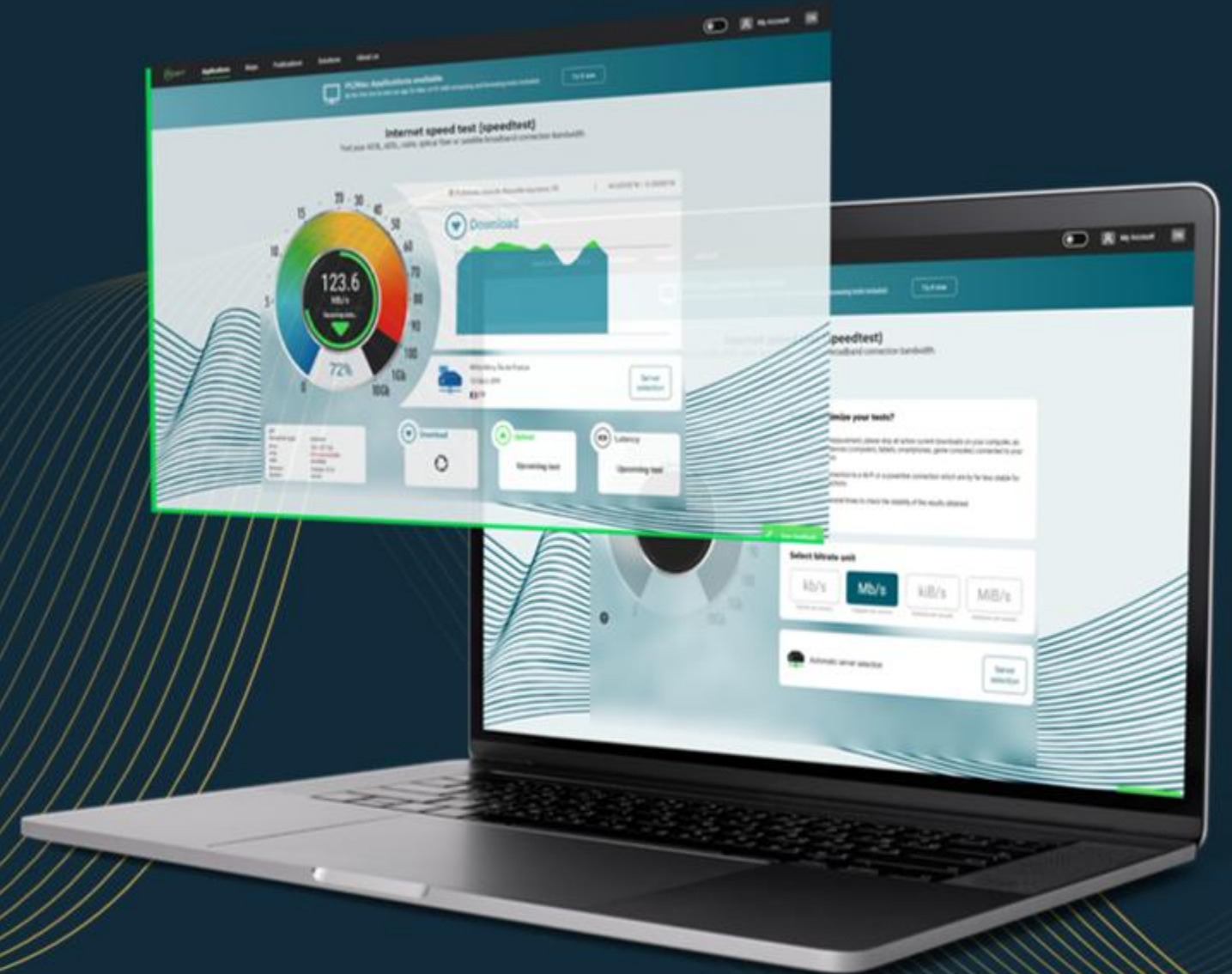


Barometer of fixed Internet connections in Brazil

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.



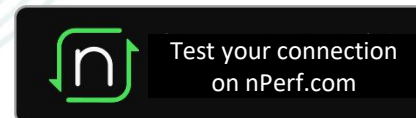
26Md+ coverage scans in total.



3k+ servers all around the world.

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!



2. Executive Summary



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

Fixed Internet connections in Brazil

	Claro	Oi	Vivo
▼ Download speedss (Mb/s)	226.81	193.58	256.17
▲ Upload speedss (Mb/s)	73.23	132.35	160.90
◀▶ Latency (ms)	30.40	43.60	16.97
🌐 Web browsing (%)	66.57	67.31	70.70
📺 Youtube streaming (%)	83.84	83.33	85.54
nPerf Score (nPoints)	109 151	105 964	128 111

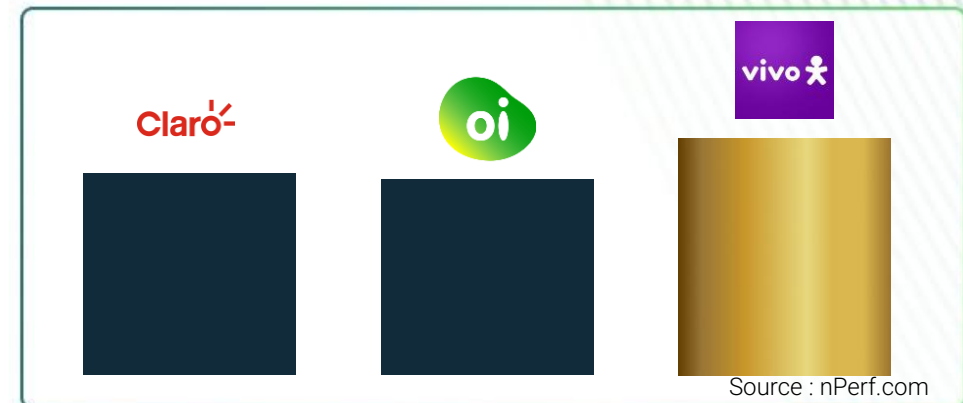
Source : nPerf.com



Best fixed Internet performance in 2025



Source : nPerf.com



Source : nPerf.com

The subscribers of Vivo enjoyed the best FTTH Internet performances in Brazil in 2025.



FTTH fixed Internet connections in Brazil

	Claro	Oi	Vivo
▼ Download speedss (Mb/s)	416.16	356.19	347.81
▲ Upload speedss (Mb/s)	212.26	248.73	225.82
◀▶ Latency (ms)	23.29	37.25	14.57
🌐 Web browsing (%)	74.95	73.49	76.74
📺 Youtube streaming (%)	88.30	87.11	88.90
nPerf Score (nPoints)	137 302	126 899	143 898

Source : nPerf.com

The subscribers of Vivo enjoyed the best WIFI Internet performances in Brazil in 2025.

fixed Internet connections in Brazil

	Claro	Oi	Vivo
 Download speedss (Mb/s)	192.79	161.83	231.46
 Upload speedss (Mb/s)	69.14	116.67	150.78
 Latency (ms)	31.59	43.10	21.12
 Web browsing (%)	69.16	67.86	73.26
 Youtube streaming (%)	85.30	84.05	87.14
 nPerf Score (nPoints)	109 202	104 118	126 800

Source : nPerf.com

Introduction

During the period from Q3 2024 to Q2 2025, the Brazilian fixed-line Internet sector demonstrates solid performance with an average nPerf score of 114,408 nPoints. Vivo maintains its position as the overall sector leader, continuing its dominance from the previous year. The operator also leads in both WiFi and FTTH technologies, delivering consistent quality across fixed connectivity solutions.

In terms of specific metrics, Vivo holds the n°1 position across all key performance indicators. The operator leads in download speeds with 256.2 Mbps, enabling smooth streaming and fast file downloads. Its upload speeds of 160.9 Mbps surpasses competitors, providing users with excellent video conferencing capabilities. Vivo also stands out with the best latency (17.0 ms), ensuring responsive online gaming experiences, while leading in browsing (70.7%) and video streaming (85.5%) performance metrics.

Vivo: leader and across all metrics

With a score of 128,111 nPoints, Vivo firmly establishes itself as the sector leader in Brazil's fixed-line internet sector. The operator holds the top position in both WiFi and FTTH technologies, delivering consistent performance across different connection types. Vivo's excellent download speeds (256.2 Mbps) and leading upload performance (160.9 Mbps) position it as the ideal choice for users who regularly participate in video conferences or share large files. The operator has shown solid improvement in upload speeds (12.7%) and browsing performance (14.3%), demonstrating its commitment to enhancing user experience.

Claro: Notable improvements

Claro achieves a score of 109,151 nPoints, securing the second position in the Brazilian fixed-line sector. The operator delivers good download speeds at 226.8 Mbps, suitable for streaming high-definition content. Claro shows impressive year-on-year improvement across multiple metrics, with browsing performance increasing by 19.8%, upload speeds by 17.1%, and download speeds by 10.9%. These enhancements reflect Claro's dedication to providing a more responsive and reliable internet experience for its customers.

Oi: third position

Oi ranks third with a score of 105,964 nPoints, maintaining a competitive position in the sector. The operator offers solid upload speeds of 132.3 Mbps, allowing for comfortable file sharing and video calls. Oi demonstrates the most substantial improvements among all operators in browsing performance, with a 21.2% increase, alongside notable gains in download (12.6%) and upload (15.4%) speed. These enhancements show Oi's focus on delivering better overall internet experiences to its customers.

Conclusion

The Brazilian fixed-line internet sector shows healthy competition, with Vivo maintaining its leadership position while Claro and Oi demonstrate significant improvements across key metrics. All operators continue to enhance their networks, contributing to a sector where consumers benefit from increasingly better performance across different connection types and usage scenarios.

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

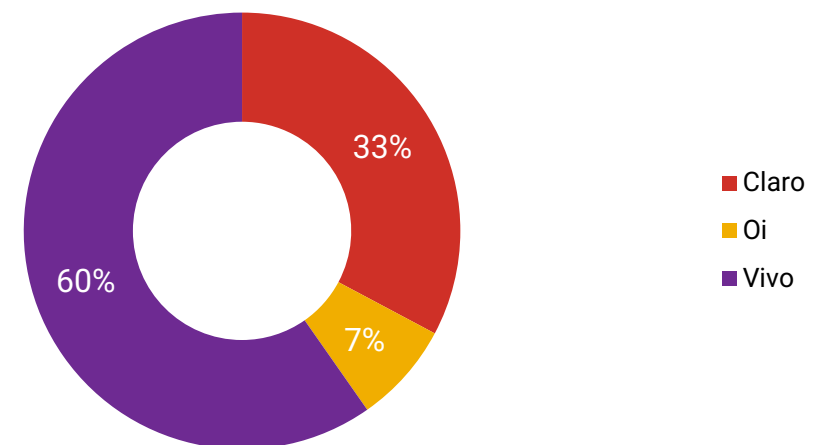
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 0.7% 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



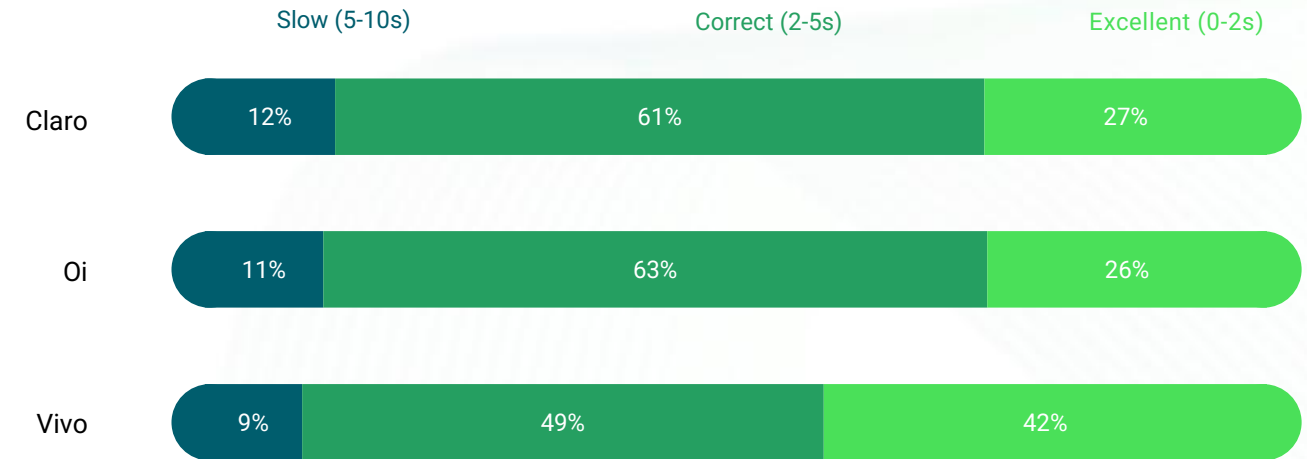
Browsing Performance rate (average)



Source : nPerf.com

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

Browsing Performance results ventilation (average)



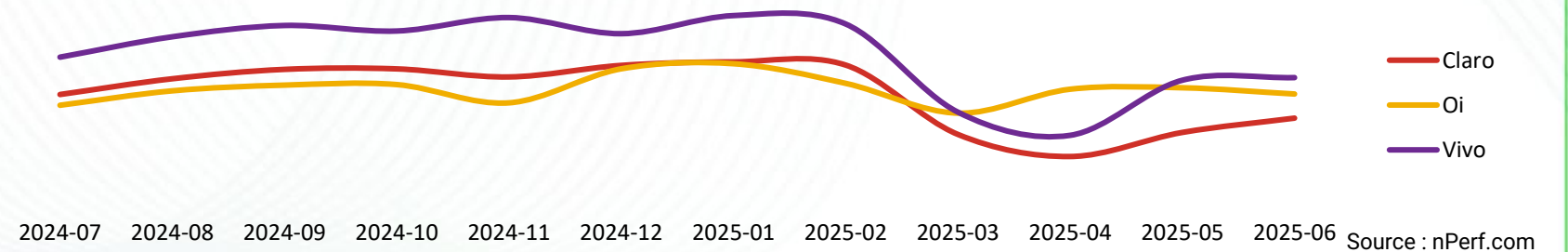
Source : nPerf.com

Browsing Performance rate (average)



Source : nPerf.com

Browsing performance rate (average) evolution over the year



Source : nPerf.com



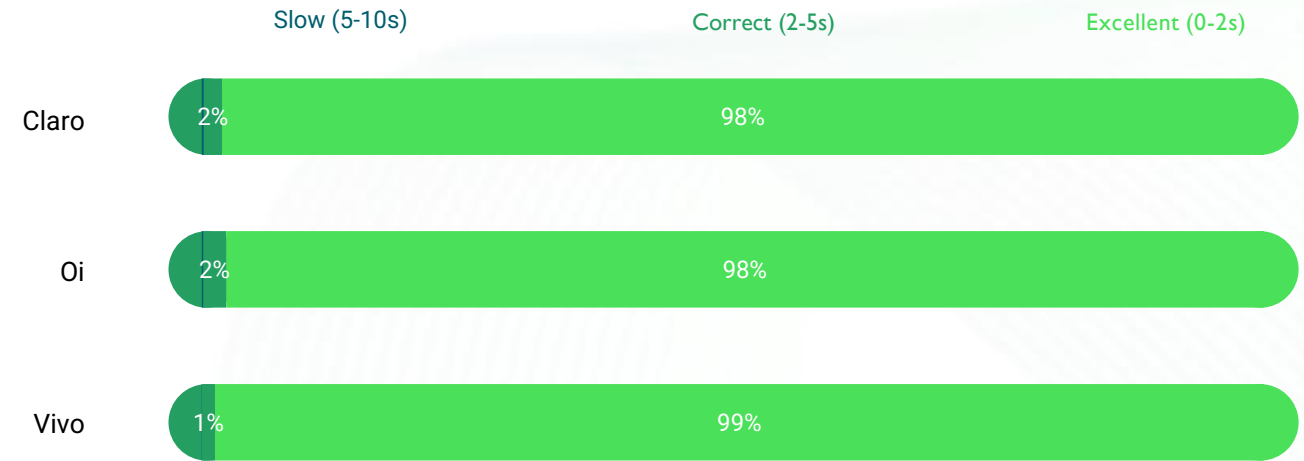
Streaming Performance rate (average)



Source : nPerf.com

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

Streaming Performance results ventilation (average)



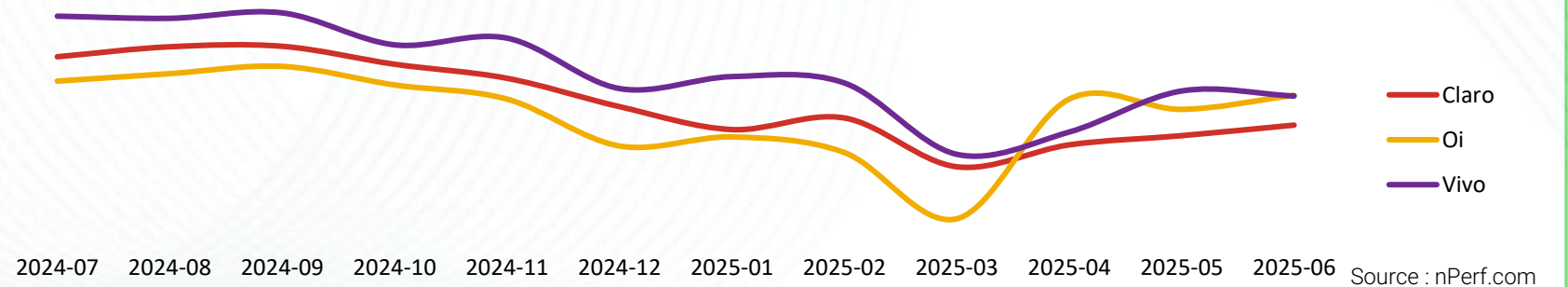
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

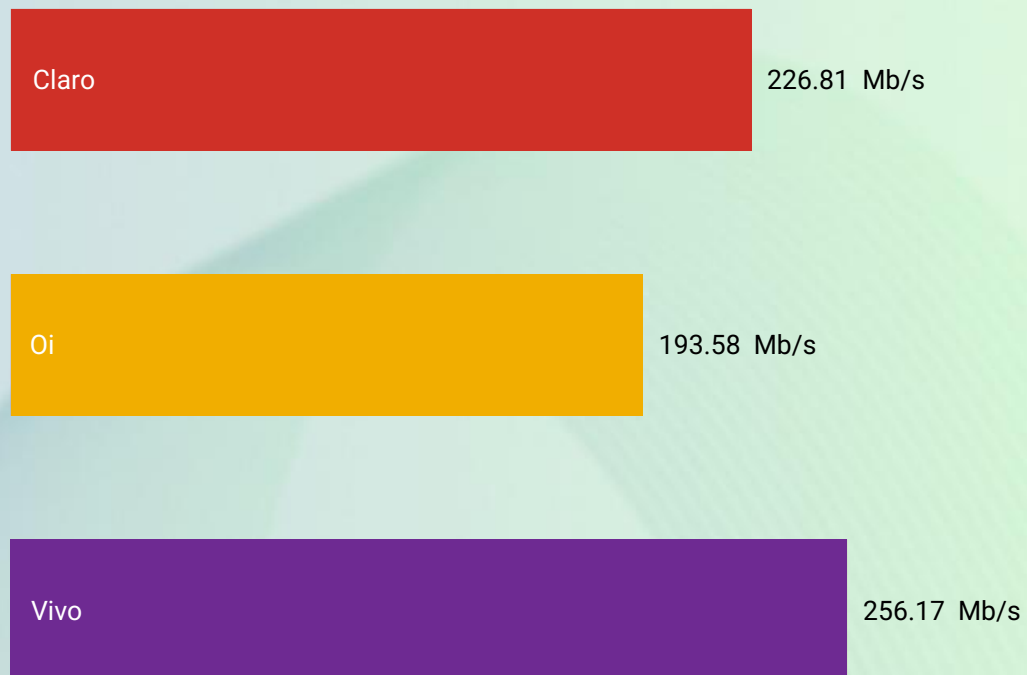
Streaming performance rate (average) evolution over the year



Source : nPerf.com



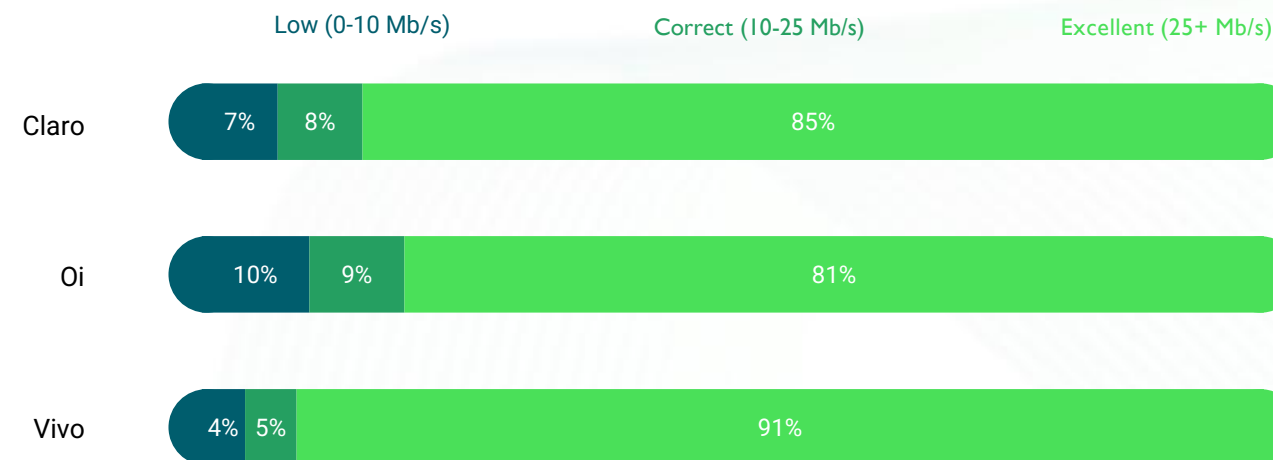
Download Speed (average)



Source : nPerf.com

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

Download Speed results ventilation (average)



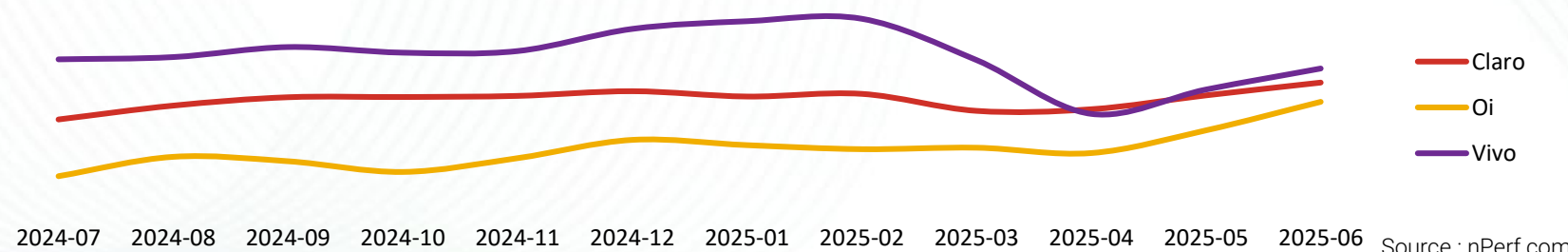
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

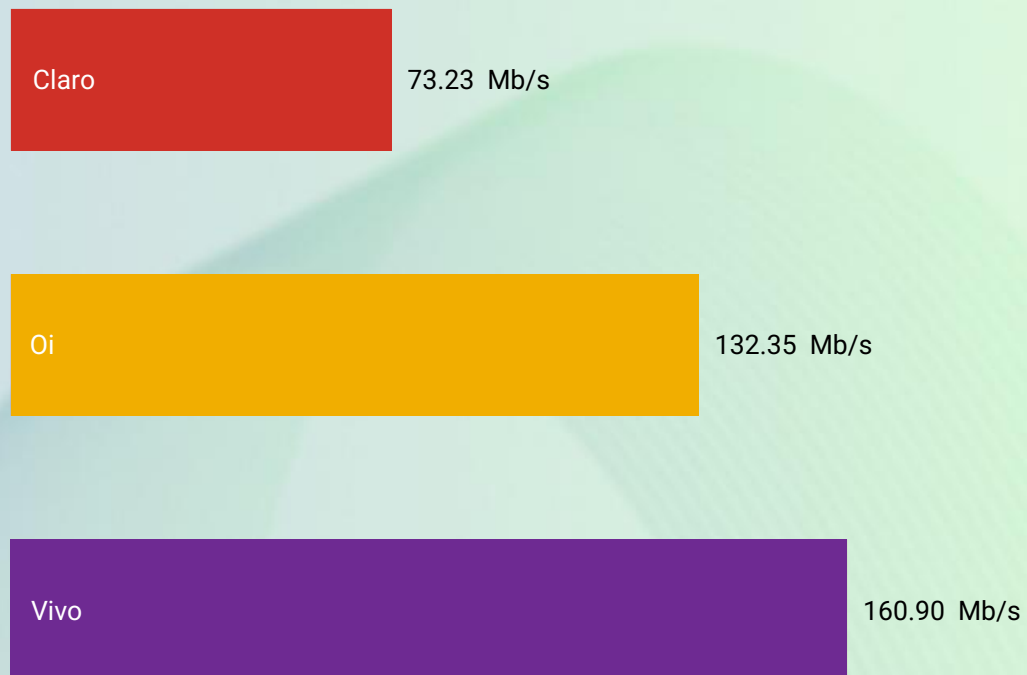
Download Speed evolution over the year (average)



Source : nPerf.com



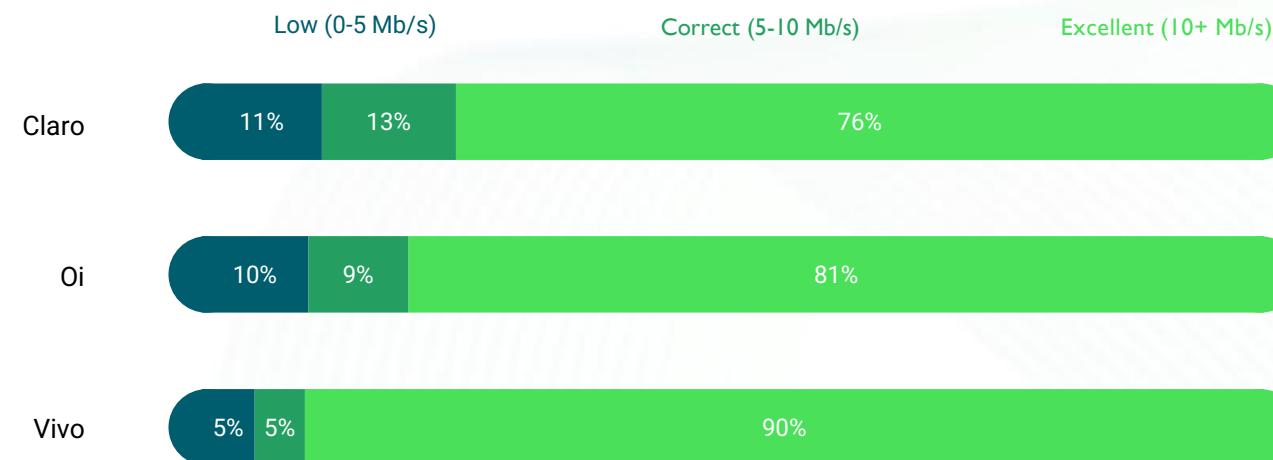
Upload Speed (average)



Source : nPerf.com

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

Upload Speed results ventilation (average)



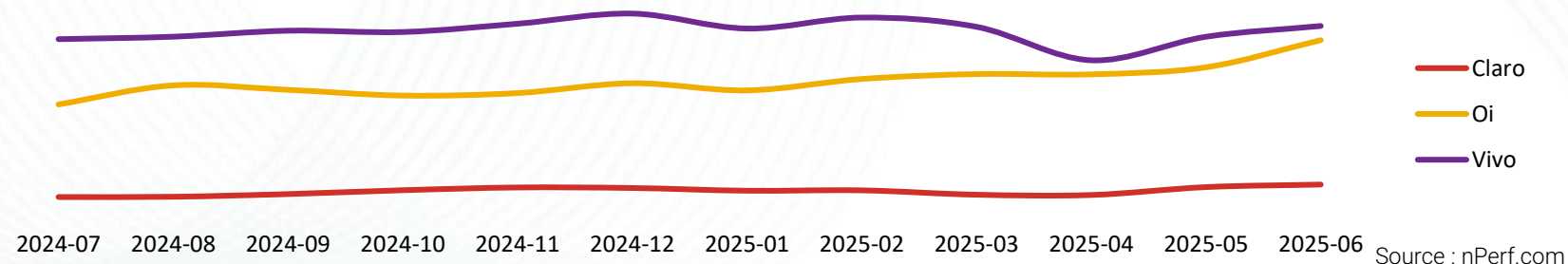
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

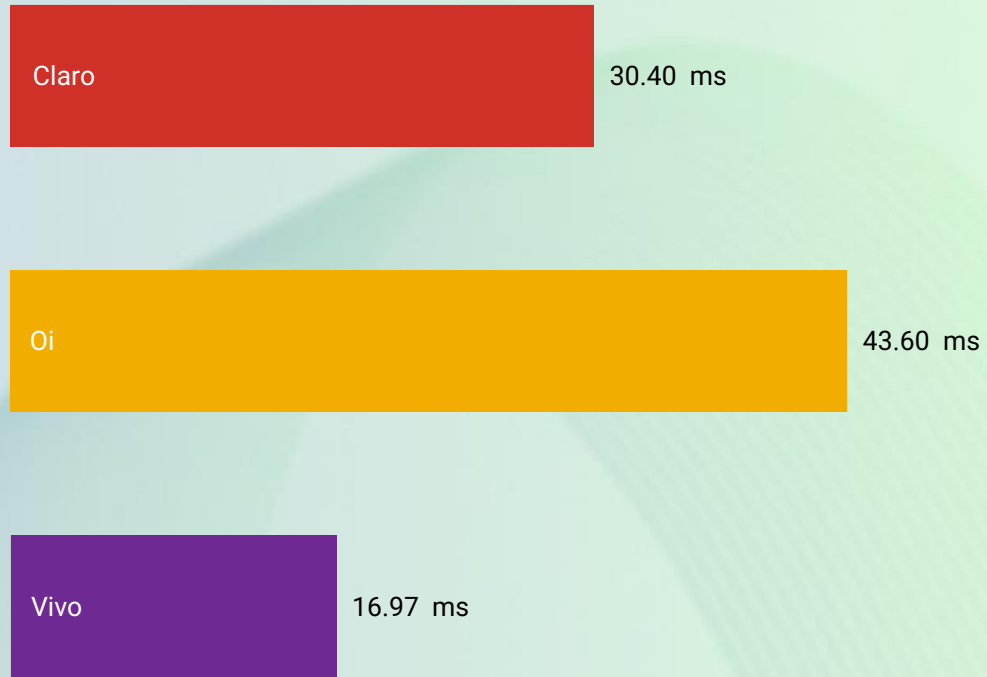
Upload Speed evolution over the year (average)



Source : nPerf.com



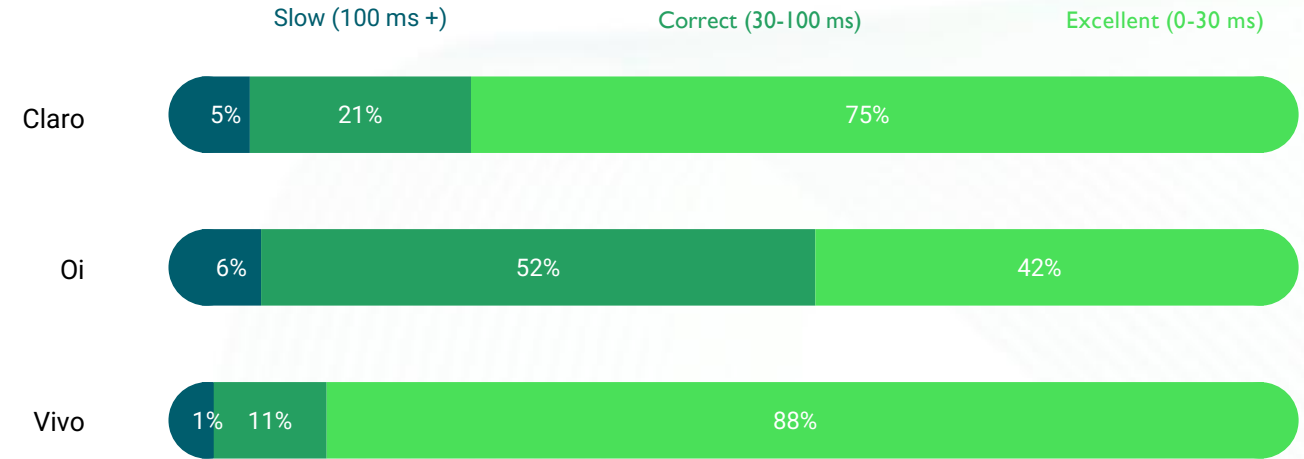
Latency Speed (average)



Source : nPerf.com

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

Latency Speed results ventilation (average)



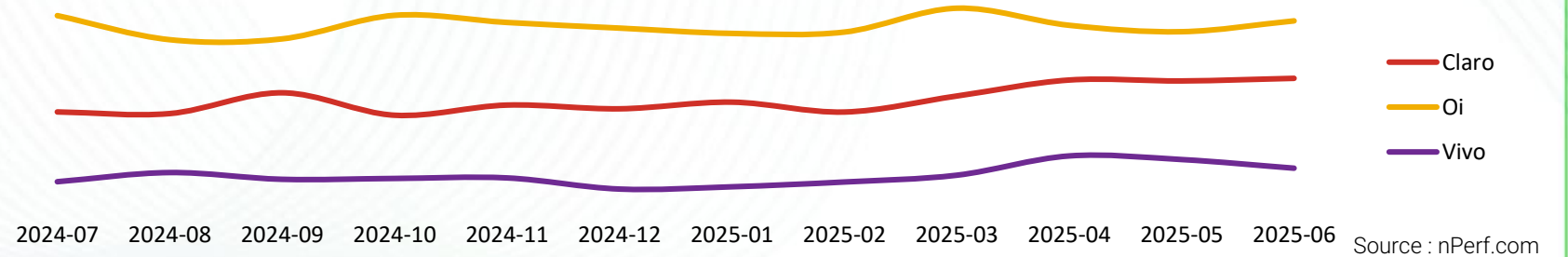
Source : nPerf.com

Latency Speed (average)



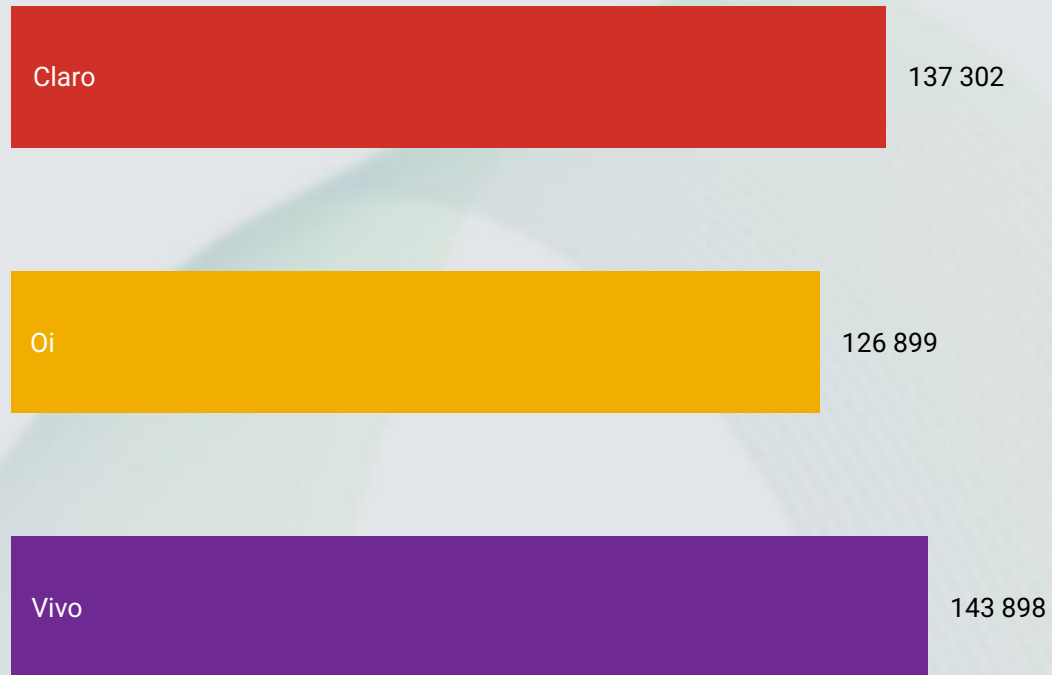
Source : nPerf.com

Latency Speed evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Vivo enjoyed the best FTTH Internet performances in 2025.

- Best performances FTTH: Vivo
- Best web browsing performances FTTH: Vivo
- Best video streaming performances FTTH: Vivo
- Fastest performances (Download) FTTH: Claro
- Fastest performances (Upload) FTTH: Oi
- FTTH connections with the lowest latency: Vivo

Source : nPerf.com

Claro

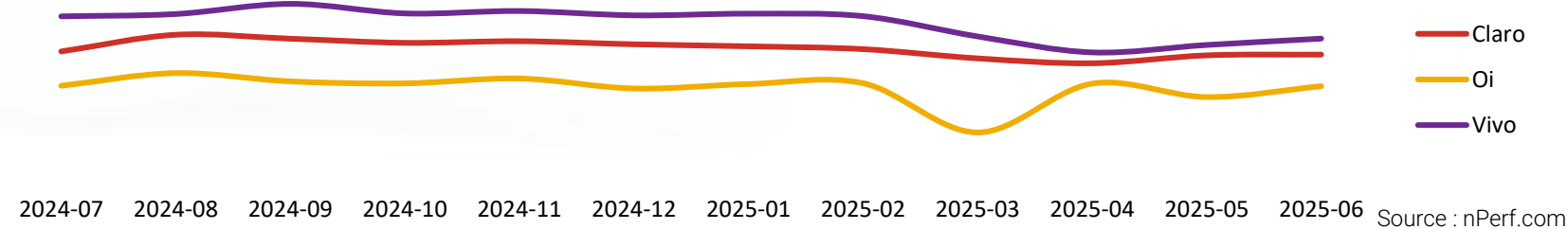


vivo

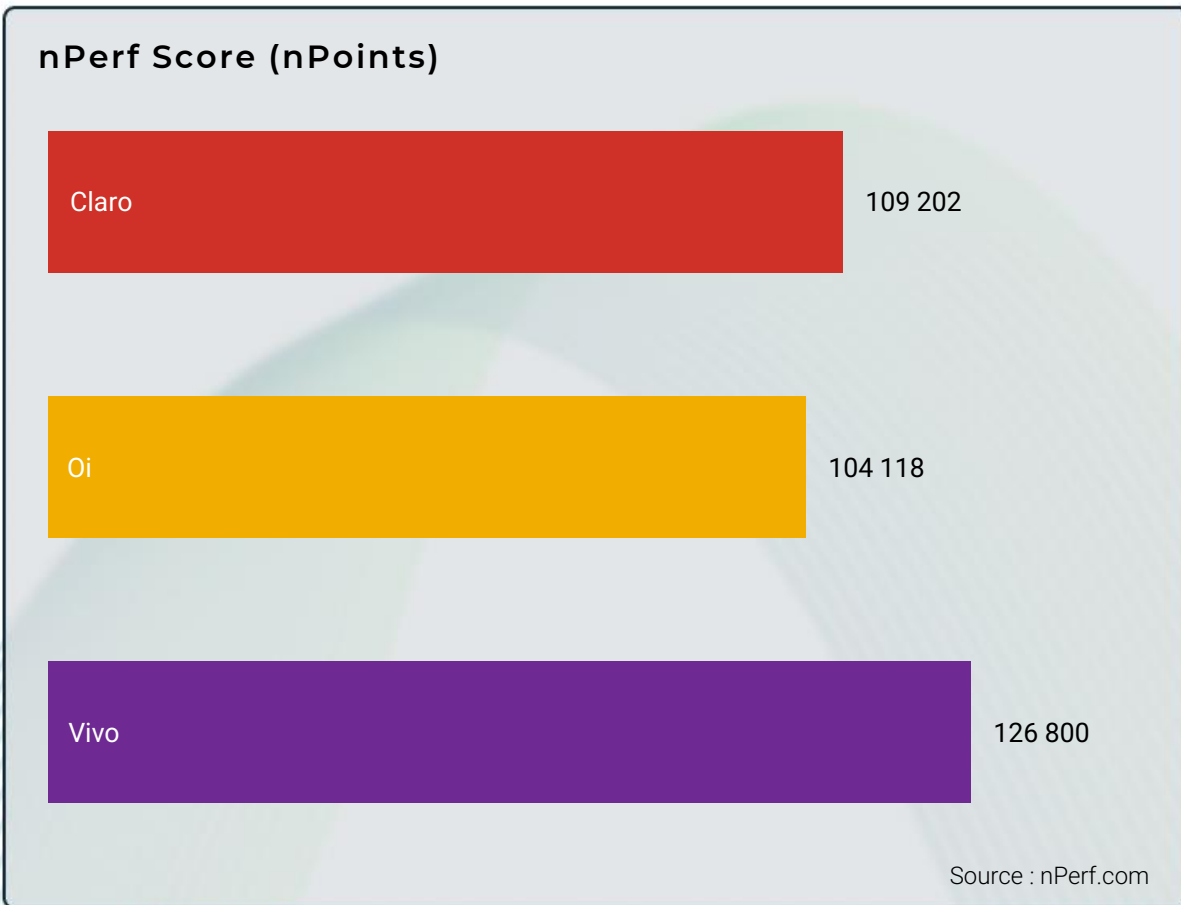


Source : nPerf.com

nPerf score evolution over the year (average)



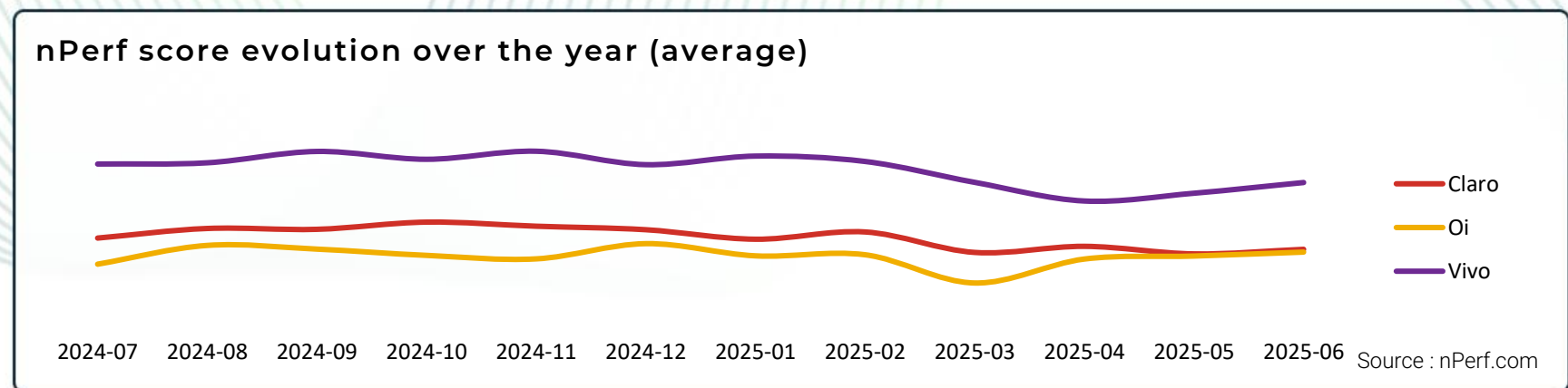
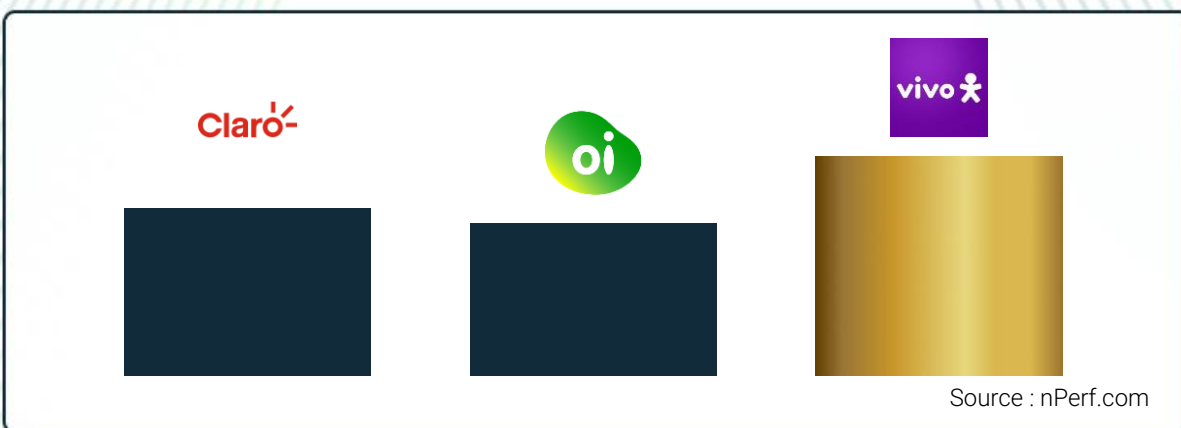
Source : nPerf.com



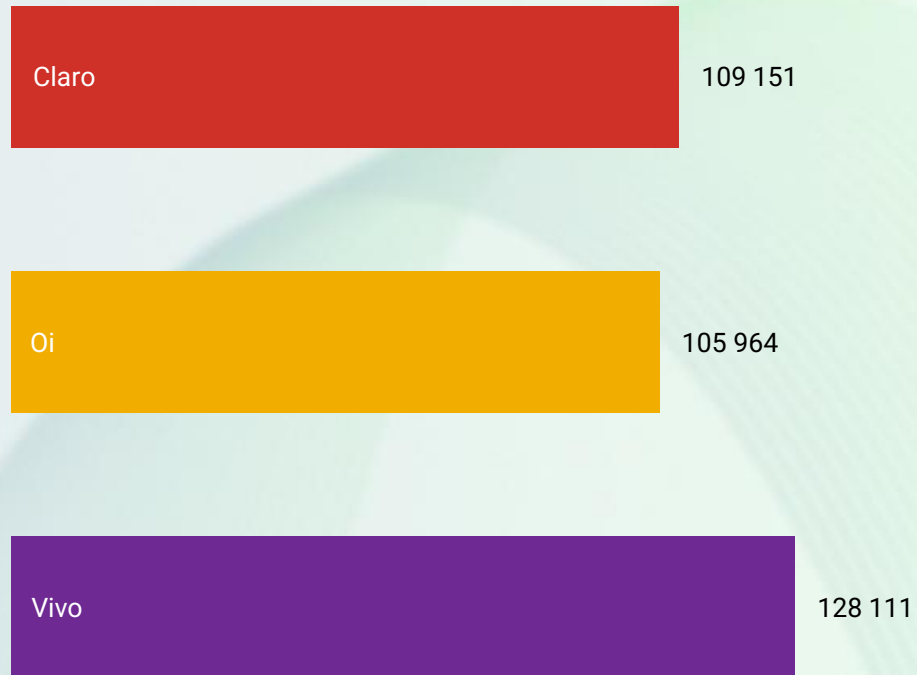
The subscribers of Vivo enjoyed the best WIFI Internet performances in Brazil in 2025.

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

Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

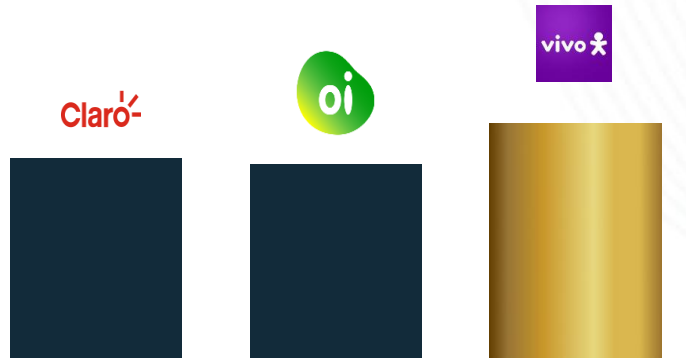
The subscribers of Vivo enjoyed the best fixed Internet performances in 2025.

The nPerf score takes into account the measured speeds, 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.

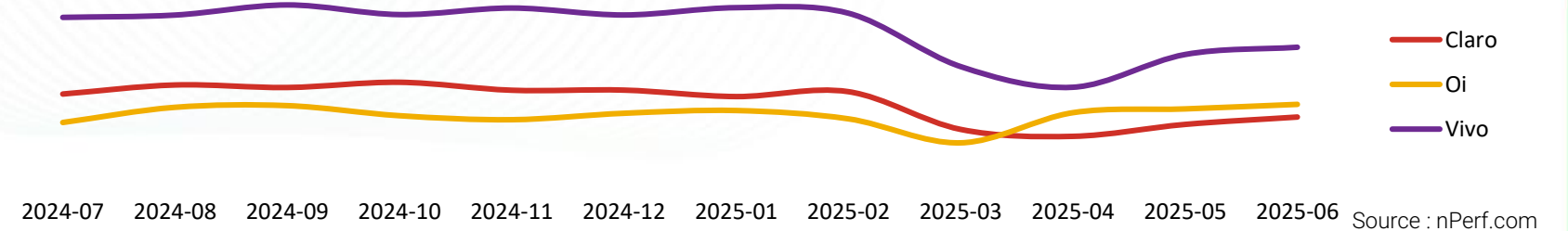
Source : nPerf.com


Best fixed Internet performance
in 2025



Source : nPerf.com

nPerf score evolution over the year (average)



Source : nPerf.com

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

↳ perf