

April 2026



Barometer of mobile Internet connections in Brazil

04/01/2025 - 03/31/2026



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**nPerf Network
assessment**

An independent authority in network performance

nPerf is an independent French Internet performance measurement platform, powered by real user experience. By turning millions of individual measurements into connectivity insights, nPerf helps operators enhance their networks and contributes to building a faster, more reliable Internet for everyone.

 **300k+** tests daily worldwide.

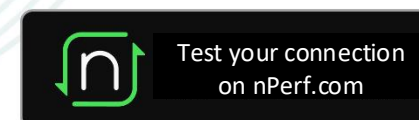
 **26Md+** coverage scans in total.

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

A comprehensive suite of tools to measure real-world connectivity

nPerf provides a complete ecosystem of complete measurement tools designed to capture the true quality of fixed, mobile, and Wi-Fi connections with precision, reaching speeds of up to 10 Gbps.

Users test. Operators learn. Everyone benefits.



2. Executive Summary



The subscribers of Vivo enjoyed the best Mobile Internet performances in 2026 in Brazil.

Mobile Internet performance in Brazil

	Claro	TIM	Vivo
▼ Download bitrates (Mb/s)	87.29	83.60	104.85
▲ Upload bitrates (Mb/s)	14.53	11.28	14.42
◀▶ Latency (ms)	59.25	56.05	45.11
🌐 Web browsing (%)	47.04	44.86	49.07
📺 Youtube streaming (%)	71.02	68.76	70.70
🏆 nPerf Score (nPoints)	62 587	59 176	67 693

Source : nPerf.com



Best Mobile Internet performance
in 2026



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Claro and Vivo enjoyed the best 5G Internet in 2026 in Brazil.

Mobile Internet performance in Brazil

	Claro	TIM	Vivo
▼ Download bitrates (Mb/s)	259.06	212.12	243.13
▲ Upload bitrates (Mb/s)	33.27	24.04	29.18
◀▶ Latency (ms)	46.20	50.34	39.51
🌐 Web browsing (%)	55.82	52.89	57.27
🎬 Youtube streaming (%)	73.79	71.26	73.33
 nPerf Score (nPoints)	86 478	78 442	87 571

Source : nPerf.com

The best mobile Internet performance in Brazil for the period April 2025 – March 2026 confirms a highly competitive landscape, where Vivo maintains its leading position overall while Claro continues to close the gap across key indicators. nPerf's latest barometer reveals a sector in full acceleration, with all three major operators – Vivo, Claro, and TIM – recording meaningful progress, particularly on download speeds, and a 5G segment that is becoming increasingly decisive in shaping the overall rankings.

Vivo: A Consistent Leader Defending Its Title

Vivo enters this new edition as the undisputed overall champion for the fourth consecutive year, topping every single KPI in the overall category – Download speed (Mb/s), Upload speed (Mb/s), Latency (ms), Web Browsing (%), and Youtube streaming (%). With an overall score of 67,693, Vivo continues to set the benchmark for mobile quality in Brazil. On the 5G segment, Vivo shares co-leadership with Claro, asserting dominance on Latency (ms) for the third consecutive year, Web Browsing (%) over five years, and Youtube streaming (%) for the fourth consecutive year. Notably, Vivo records a +14% improvement in Download speed (Mb/s) overall compared to the previous year – one of the strongest gains on record – and maintains a consistent upward score trajectory across the full five years of available data.

Claro: A Strong Challenger Closing the Gap

Claro ranks second overall with a score of 62,587, continuing a steady rise that nPerf has tracked consistently over the past five years. The operator delivers a striking +12% improvement in Download speed (Mb/s) overall year-over-year, the highest single-year gain in this metric for Claro. In the 5G tier, Claro co-leads alongside Vivo, claiming the top spot on Download speed (Mb/s) (259.06 Mb/s, for the second consecutive year), Upload

speed (Mb/s) (33.27 Mb/s, second consecutive year), Web Browsing (%) (for the first time), and Youtube streaming (%) (second consecutive year). Across all technologies, Claro also leads on Upload speed (Mb/s) over five years and Youtube streaming (%) over five years – a signal of long-term network maturity. The gap separating Claro from Vivo overall is narrowing, making this rivalry one of the most compelling in the region.

TIM: A Steady Progression to Build Upon

TIM closes the overall ranking with a score of 59,176, maintaining its third-place position across both overall and 5G categories. While the operator has not yet broken into the top tier, nPerf notes a consistent score progression over the five years of available data – a positive signal of sustained network investment and improvement. In the 5G segment, TIM records scores of 212.12 Mb/s on Download speed (Mb/s), 24.04 Mb/s on Upload speed (Mb/s), and 50.34 ms on Latency (ms), all ranking third behind its two competitors.

What to Watch in the Year Ahead

The Brazilian mobile sector is entering an increasingly competitive phase. For Vivo, the priority will be to maintain its multi-year dominance in an environment where Claro is rapidly narrowing the gap – particularly on 5G Download speed (Mb/s) and Upload speed (Mb/s), where it has now pulled ahead. Sustaining its advantage on Latency (ms) and Web Browsing (%) in the 5G segment will be key to preserving the overall lead. For Claro, the path to the top overall ranking runs through consistency: converting its 5G strengths into broader overall gains while improving Latency (ms) – currently its weakest point at 59.25 ms overall. For TIM, the challenge is acceleration: reducing the performance gap in Upload speed (Mb/s) and Web Browsing (%) overall, where it trails both rivals, will be essential to competing for a higher ranking in the next edition.

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

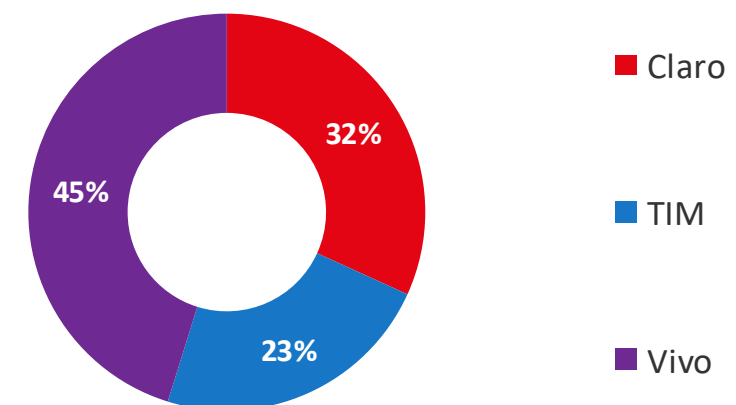
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.2% precision for absolute values and 1% point for percentage-based results, highlighting the reliability and accuracy of our data.

For a more comprehensive understanding of the user experience, our report takes into account 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)



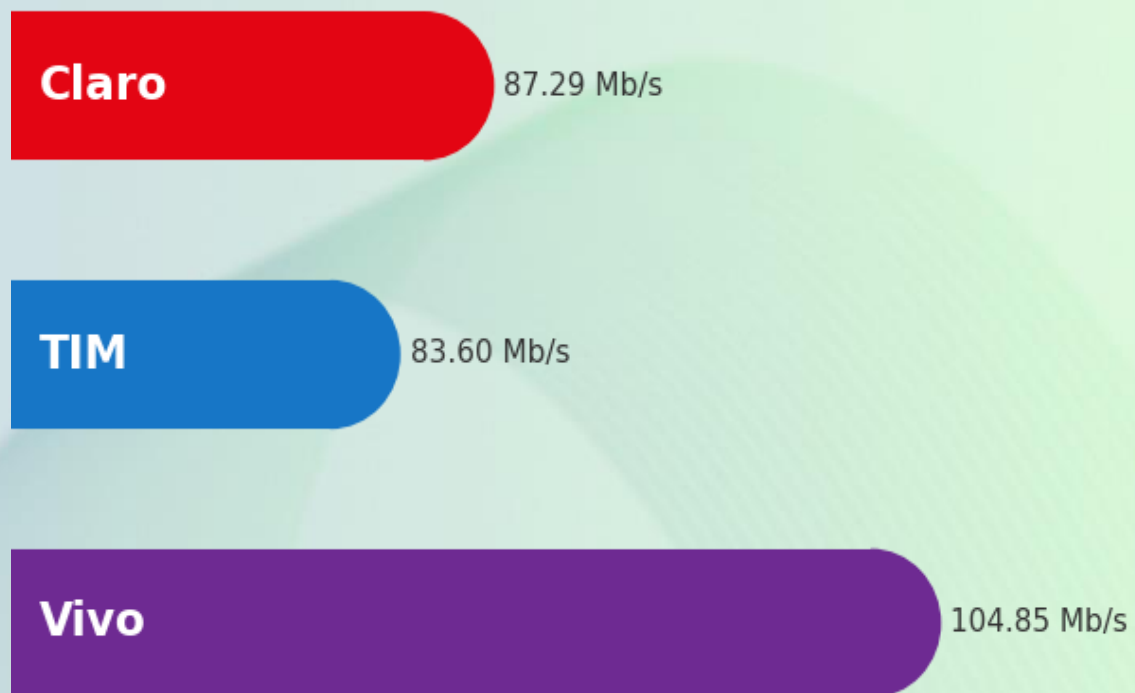
Source : nPerf.com



Download Speed



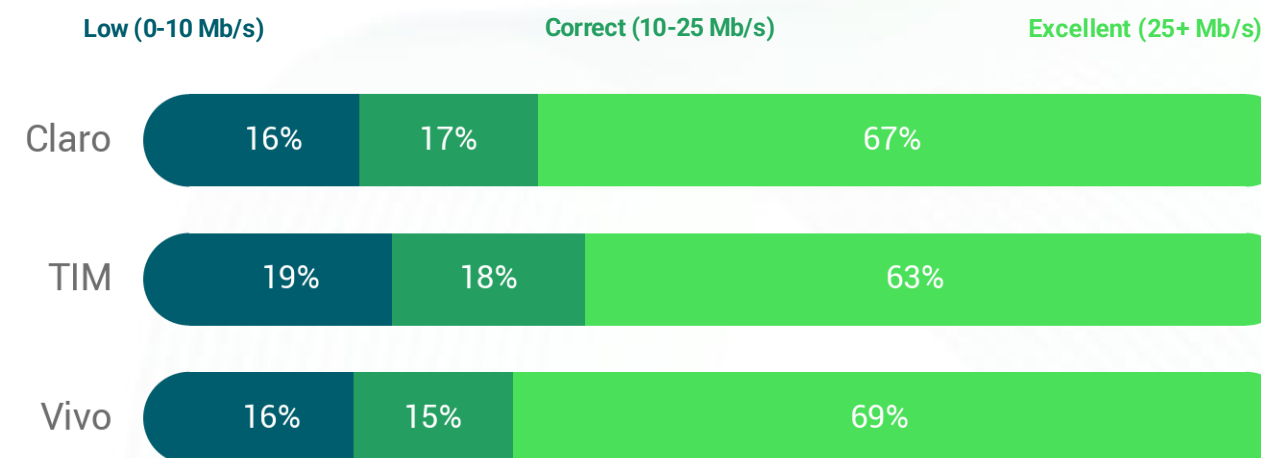
Download Speed (average)



Source : nPerf.com

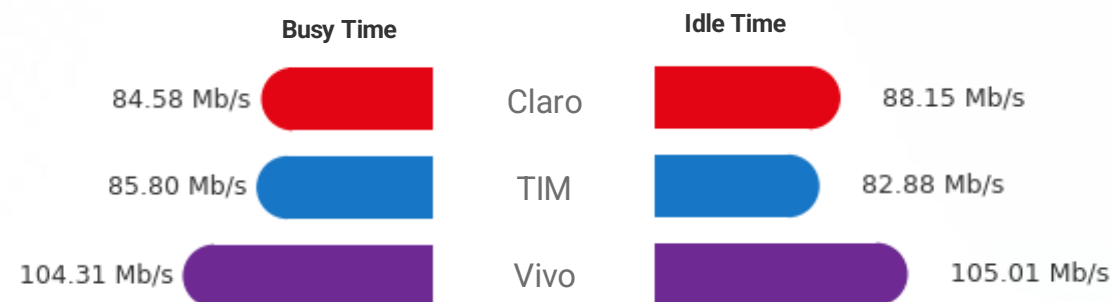
The subscribers of Vivo enjoyed the best Mobile Internet Download Speed in 2026.

Download Speed results distribution (average)



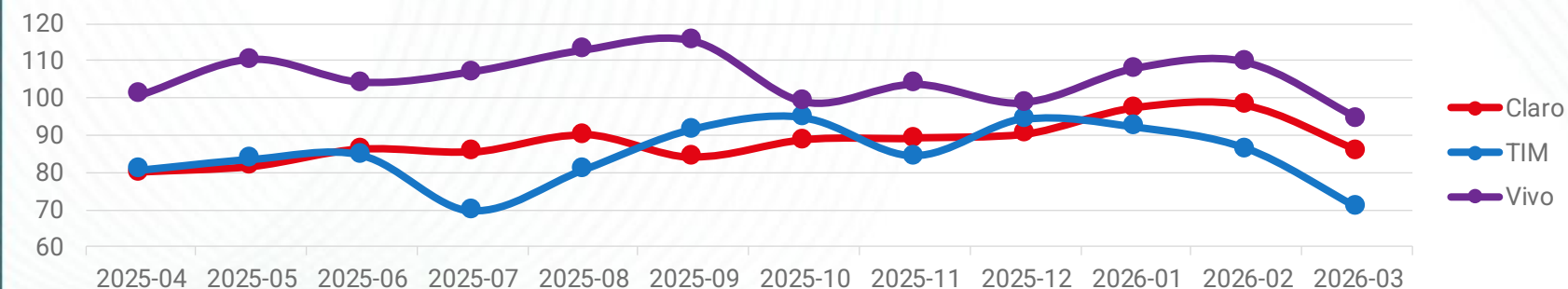
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



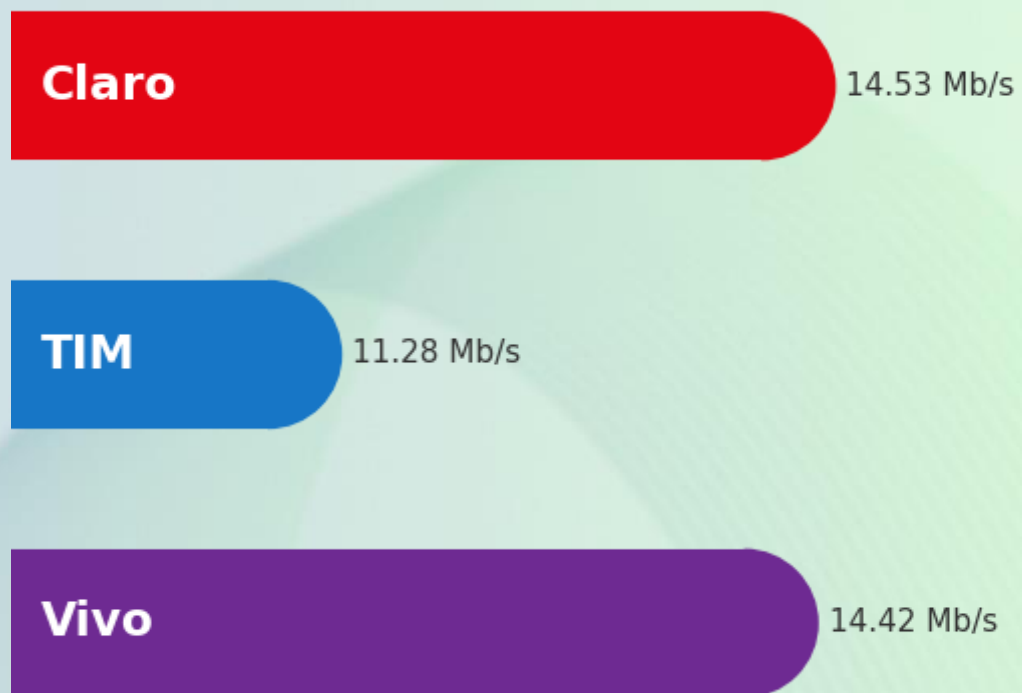
Source : nPerf.com



Upload Speed



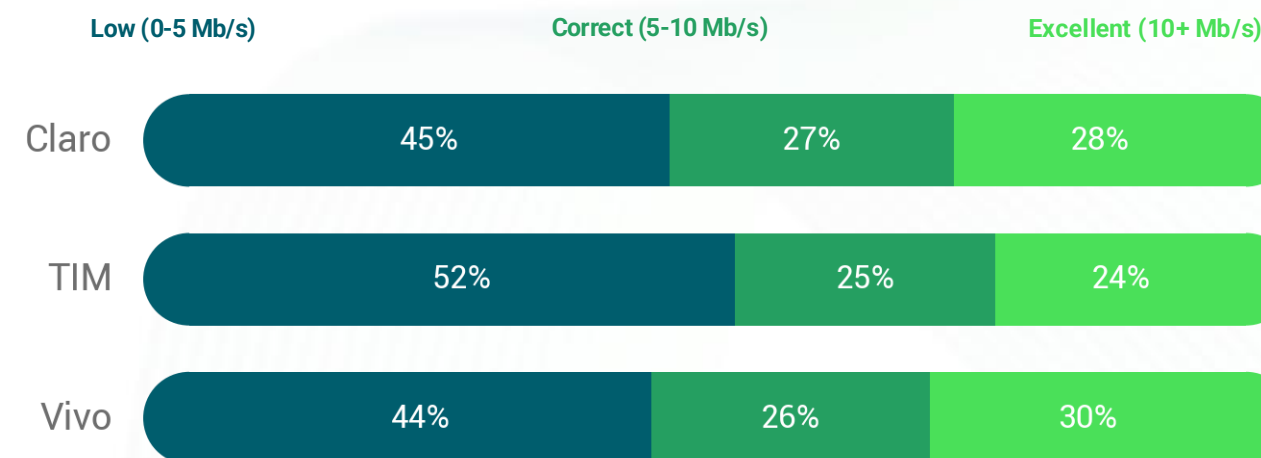
Upload Speed (average)



Source : nPerf.com

The subscribers of Claro and Vivo enjoyed the best Mobile Internet Upload Speed in 2026.

Upload Speed results distribution (average)



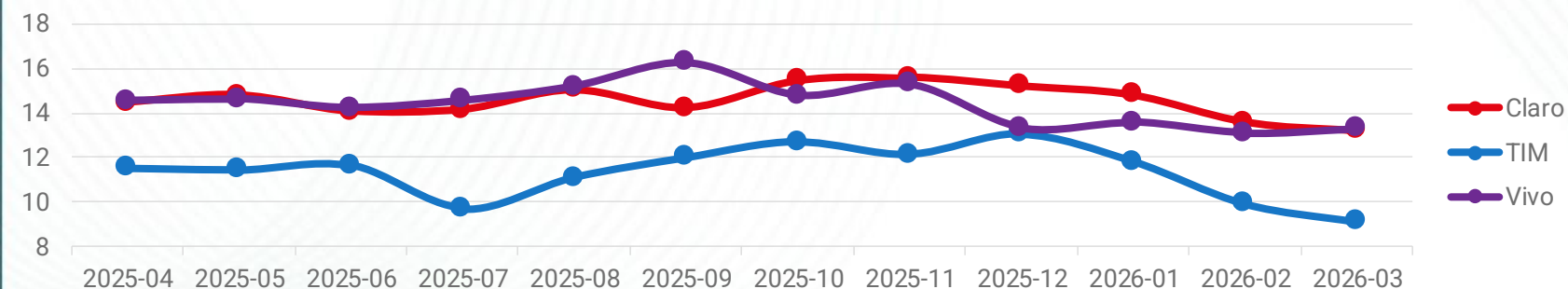
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

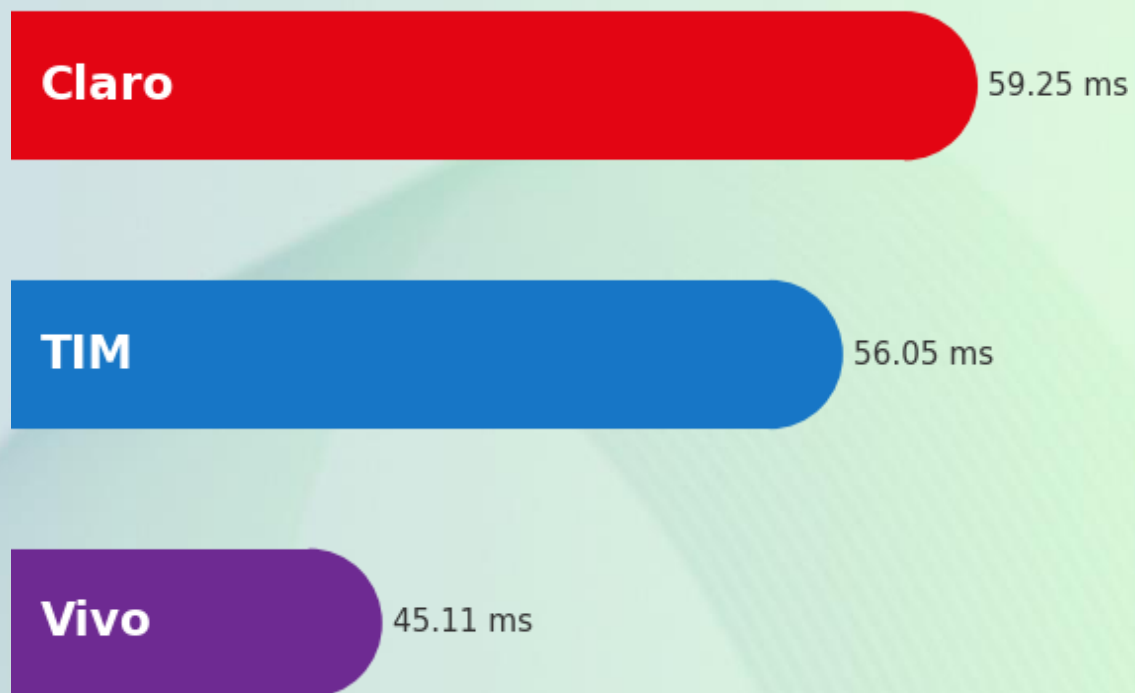
Upload Speed evolution over the year (average)



Source : nPerf.com



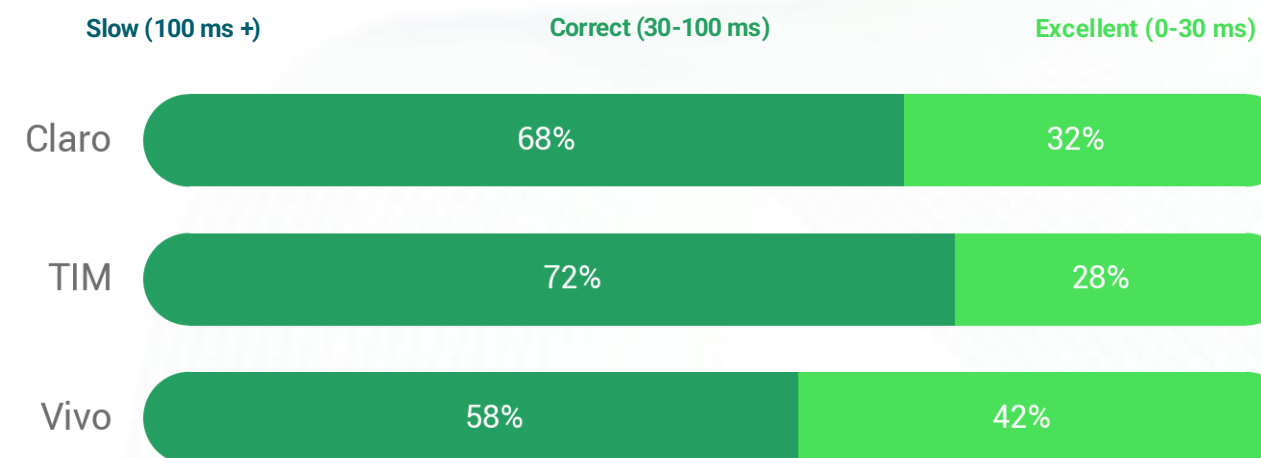
Latency (average)



Source : nPerf.com

The subscribers of Vivo enjoyed the best Mobile Internet Latency in 2026.

Latency results distribution (average)



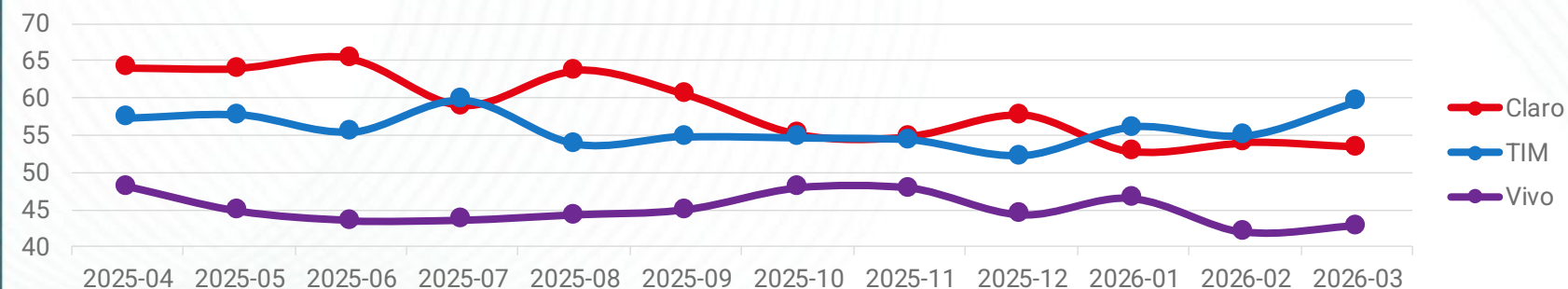
Source : nPerf.com

Latency (average)



Source : nPerf.com

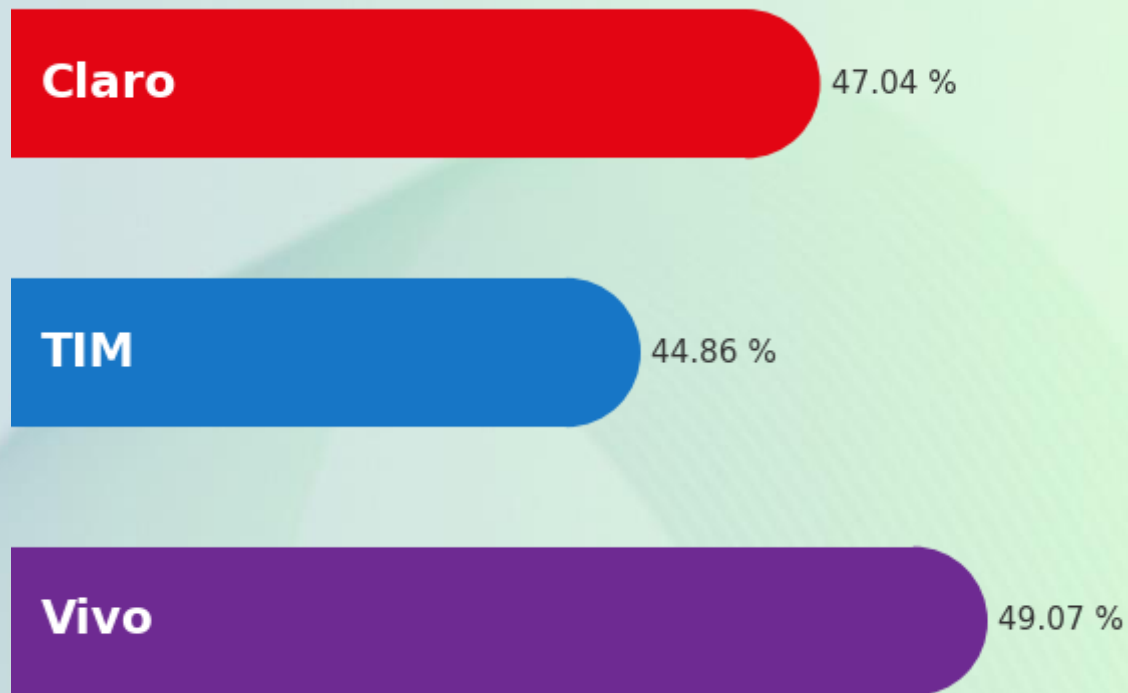
Latency evolution over the year (average)



Source : nPerf.com



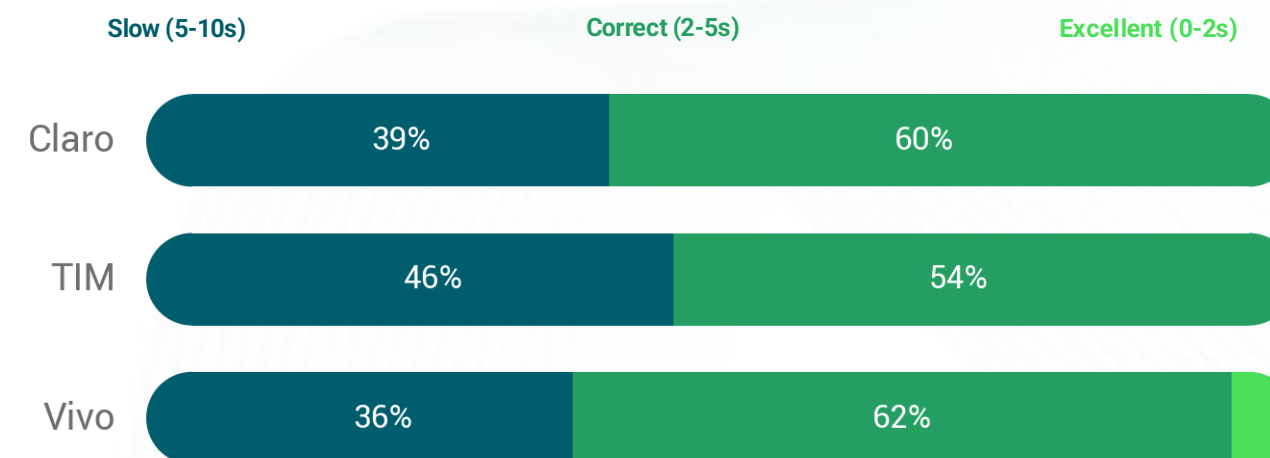
Browsing Performance (average)



Source : nPerf.com

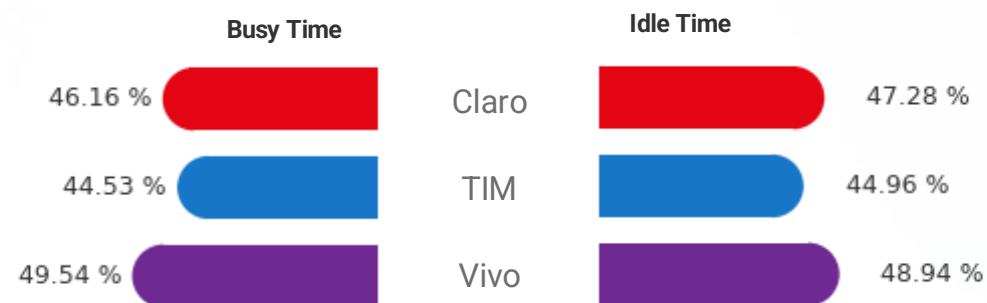
The subscribers of Vivo enjoyed the best Mobile Internet Browsing Performance in 2026.

Browsing Performance results distribution (average)



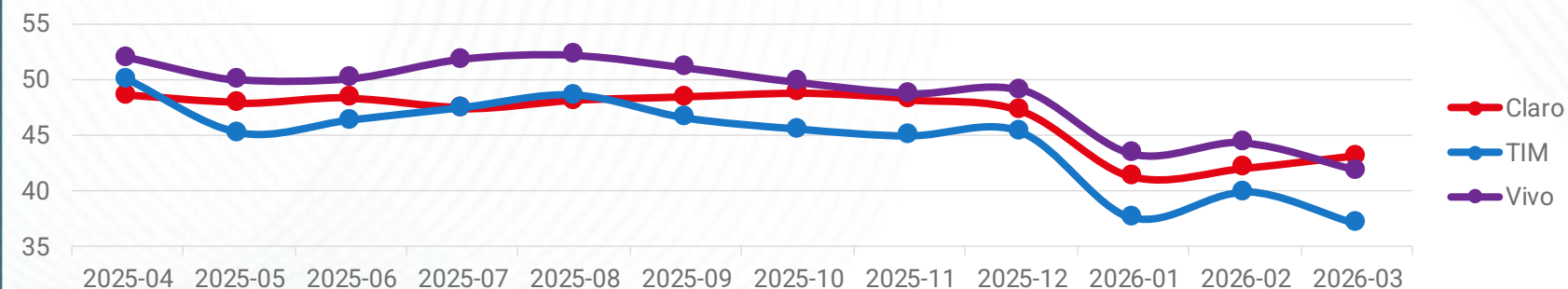
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

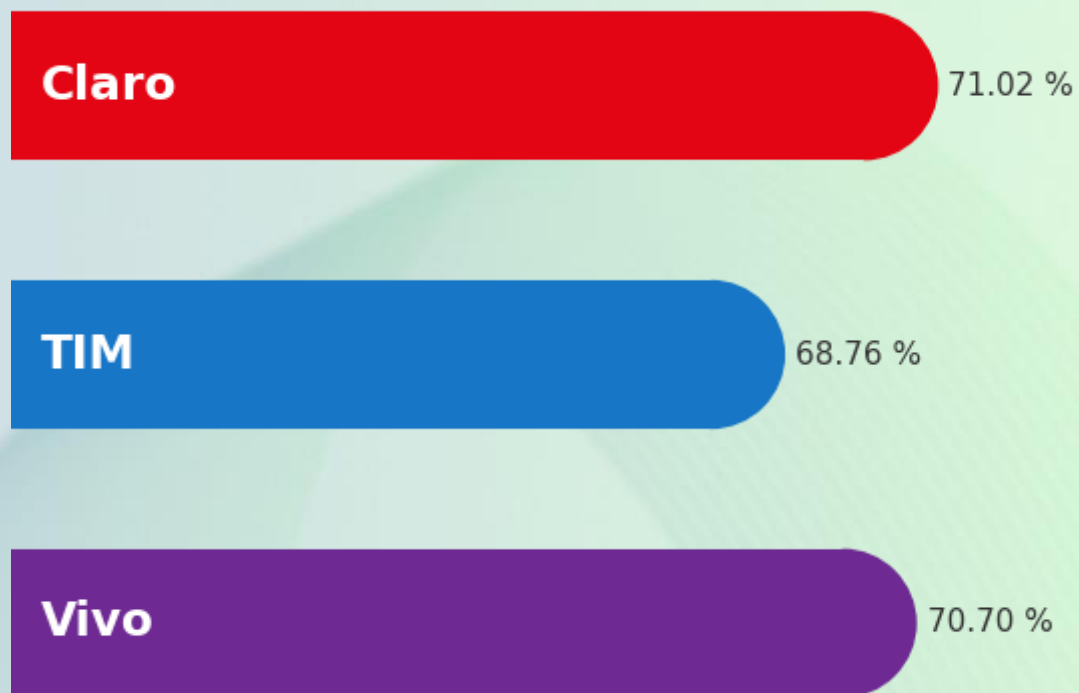
Browsing Performance evolution over the year (average)



Source : nPerf.com



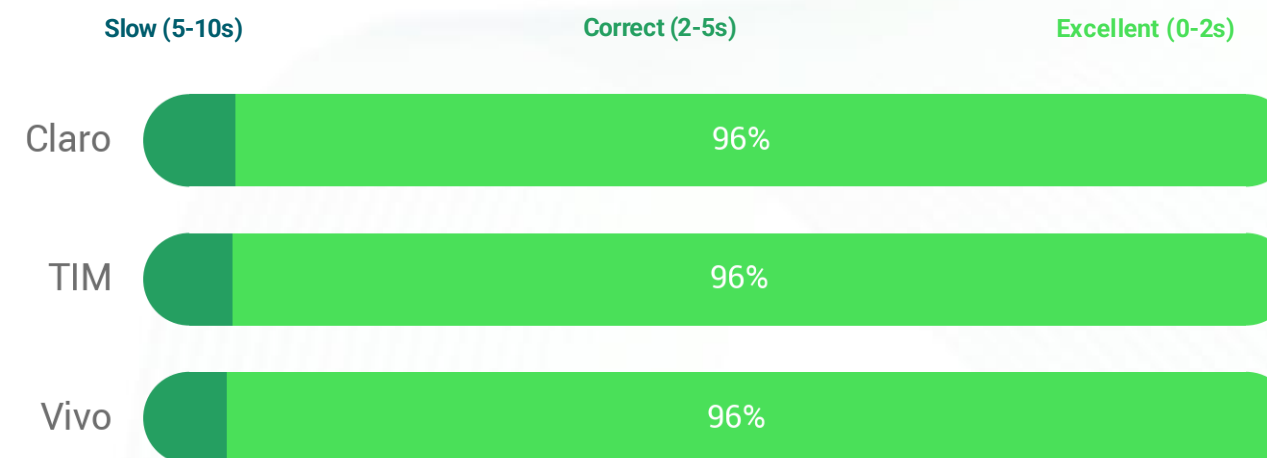
Streaming Performance (average)



Source : nPerf.com

The subscribers of Claro and Vivo enjoyed the best Mobile Internet Streaming Performance in 2026.

Streaming Performance results distribution (average)



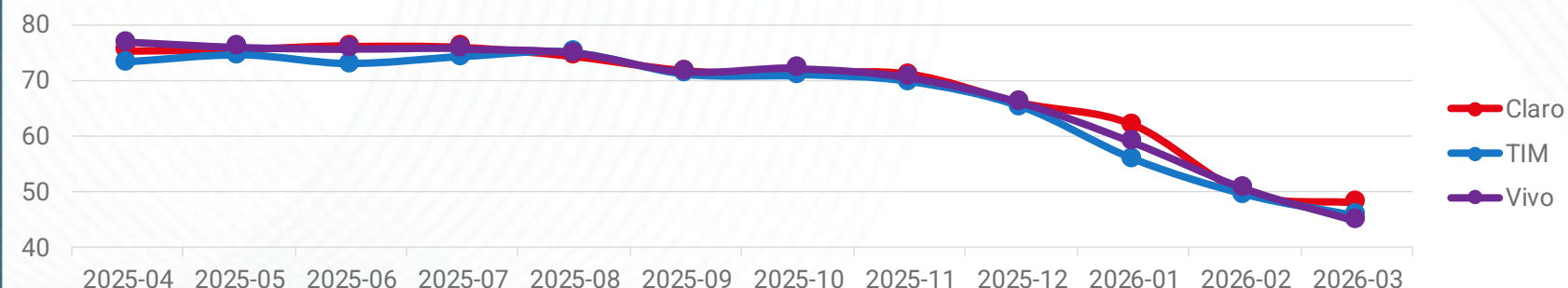
Source : nPerf.com

Streaming Performance (average)



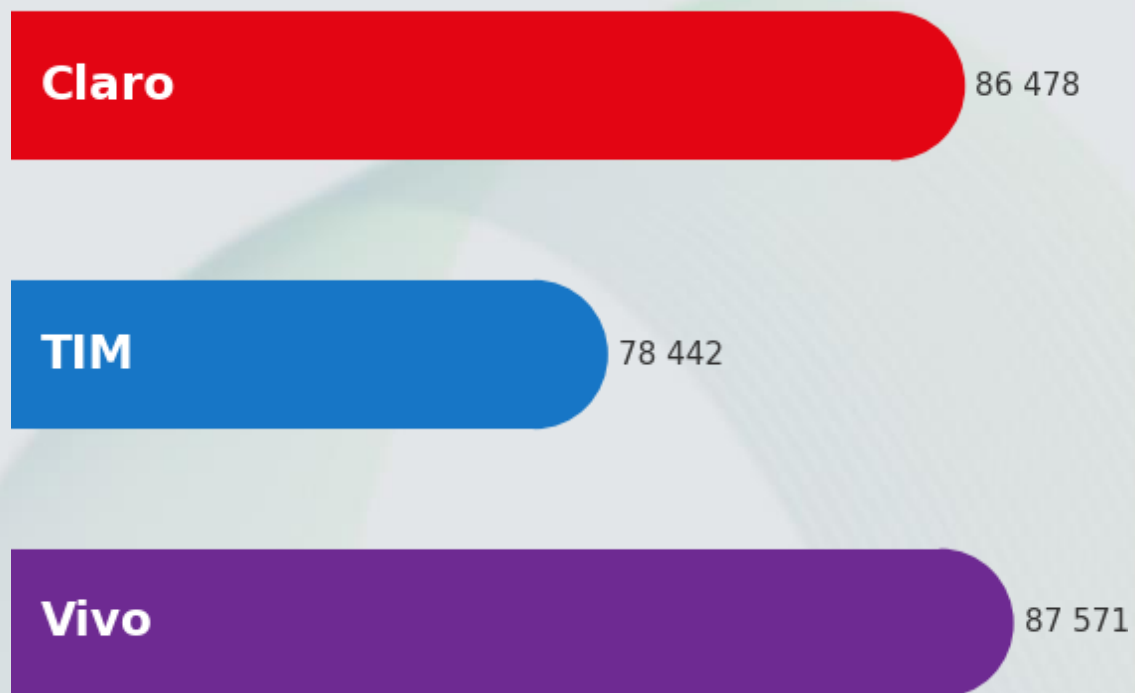
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Claro and Vivo enjoyed the best 5G Internet in 2026.

Best performances 5G: Claro and Vivo

Fastest performances (Download Speed) 5G: Claro

Fastest performances (Upload Speed) 5G: Claro

5G connections with the lowest latency: Vivo

Best web browsing performances 5G: Claro and Vivo

Best streaming performances 5G: Claro and Vivo

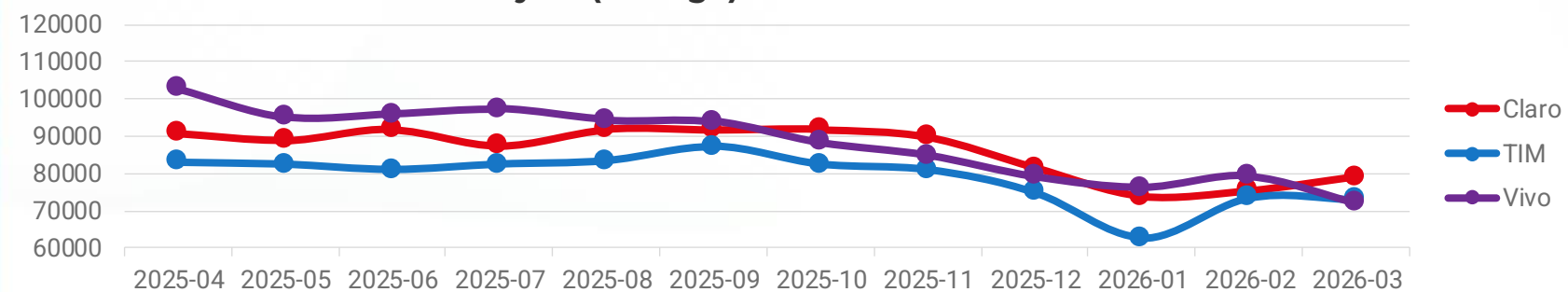
Source : nPerf.com

nPerf Podium



Source : nPerf.com

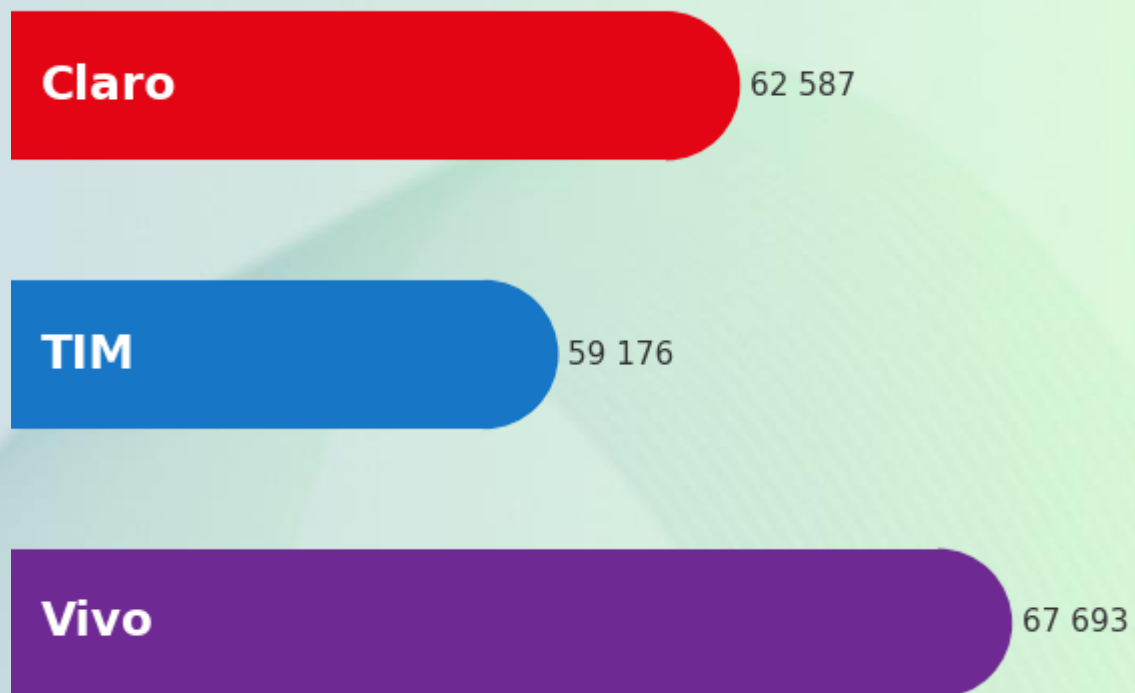
nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Vivo enjoyed the best Mobile Internet performances in 2026.

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

vivo

Best Mobile Internet performance in 2026



Claro



vivo



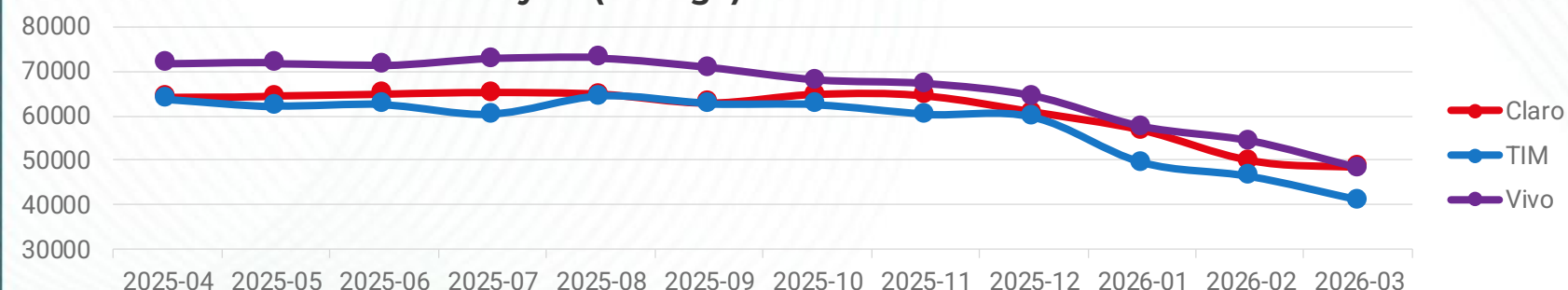
TIM



nPerf Podium

Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com

