

07/18/2025

# Barometer of mobile Internet connections in Paraguay

07/01/2024 - 06/30/2025



**1**

**Introducing  
nPerf**

**2**

**Executive  
summary**

**3**

**Analysis**

**4**

**Methodology**

**5**

**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.

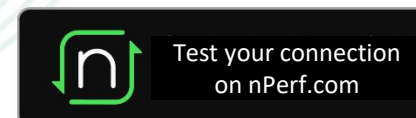
 **26Md+** coverage scans in total.

 **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 Personal enjoyed the best mobile Internet performances in 2025.

### Mobile Internet connections in Paraguay

	Claro	Personal	Tigo
▼ Download bitrates (Mb/s)	18.39	16.57	11.73
▲ Upload bitrates (Mb/s)	7.32	7.06	5.04
◀▶ Latency (ms)	72.52	36.30	43.47
🌐 Web browsing (%)	58.91	49.94	52.81
🎥 Youtube streaming (%)	75.10	75.39	70.68
📶 nPerf Score (nPoints)	49 316	51 580	43 908

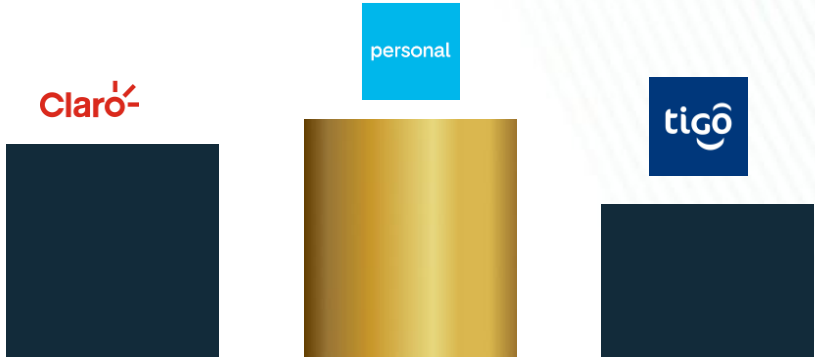
Source : nPerf.com

personal

Best mobile Internet performance  
in 2025









Source : nPerf.com



Source : nPerf.com

The subscribers of Personal enjoyed the best 4G Internet performances in Paraguay in 2025.

4G mobile Internet connections in Paraguay

	Claro	Personal	Tigo
 Download bitrates (Mb/s)	20.94	18.59	13.05
 Upload bitrates (Mb/s)	8.40	8.12	5.60
 Latency (ms)	67.64	34.05	41.88
 Web browsing (%)	59.04	53.00	54.32
 Youtube streaming (%)	75.44	78.52	72.06
 nPerf Score (nPoints)	52 151	56 806	46 892

Source : nPerf.com



### Introduction

During the period from Q3 2024 to Q2 2025, Paraguay's mobile Internet sector demonstrated positive growth across major operators. Personal leads the overall ranking with 51,580 nPoints, maintaining its position as the sector leader and in the 4G segment. The country displays solid performance in key metrics, with Claro achieving the top position in download speeds (18.4 Mbps), upload speeds (7.3 Mbps), and browsing (58.9%). Personal remains n°1 for latency (36.3 ms) while sharing the top spot in video streaming with Claro.

#### **Personal: Consistent leadership with enhanced user experience**

Personal maintains its position at the top of the rankings with 51,580 nPoints. The operator is n°1 in the 4G segment and demonstrates particularly strong performance in latency, achieving the best result at 36.3 ms, which enables responsive online gaming and seamless video calls. Personal also shares the lead in video streaming performance with a solid 75.4%, ensuring smooth video content consumption. The operator has shown good progress with an 11.0% improvement in overall score, 12.6% in download speeds, 16.9% in upload speeds, and 11.9% in browsing performance, reinforcing its strong sector position.

#### **Claro: Significant improvements across key metrics**

Claro secures the second position with 49,316 nPoints, showing the most significant growth among all operators. The company stands out by achieving n°1 status in download speeds (18.4 Mbps), upload speeds (7.3 Mbps), and browsing performance (58.9%), enabling fast file downloads and smooth web navigation.

Claro's improvement is particularly noteworthy with a 29.7% increase in overall score, 35.9% in download speeds, 20.8% in upload speeds, and an impressive 47.6% in browsing performance. These enhancements provide customers with a more reliable experience for everyday internet activities.

#### **Tigo: Good progress with improved user experience**

Tigo holds the third position with 43,908 nPoints but demonstrates strong growth with a 24.5% improvement in overall score. The operator shows good progress in download speeds (11.7 Mbps) with an 11.1% increase and upload speeds (5.0 Mbps) with a 17.7% improvement. Most notably, Tigo achieved a substantial 47.6% enhancement in browsing performance, now at 52.8%, offering users more responsive web page loading. These improvements indicate Tigo's commitment to enhancing service quality for its customers.

### Conclusion

Paraguay's mobile internet sector shows healthy competition with Personal maintaining its leadership position while Claro and Tigo demonstrate significant improvements. All three major operators have enhanced their services across key performance indicators, benefiting consumers with better mobile internet experiences. The competitive landscape continues to drive positive developments in the country's telecommunications sector.

## 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

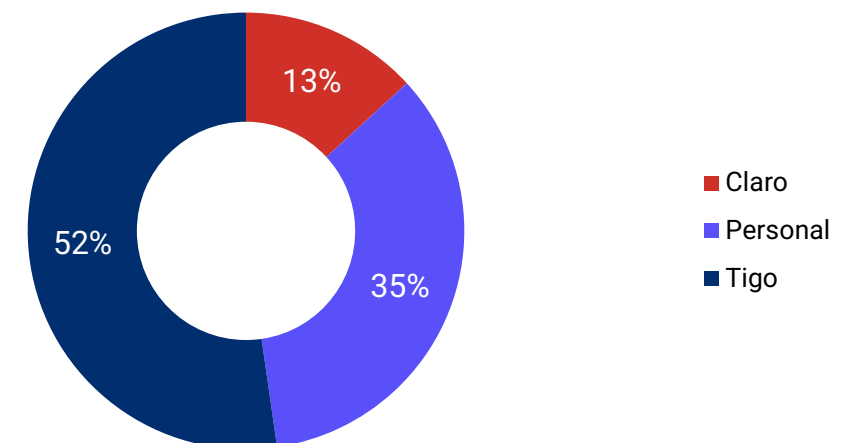
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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.

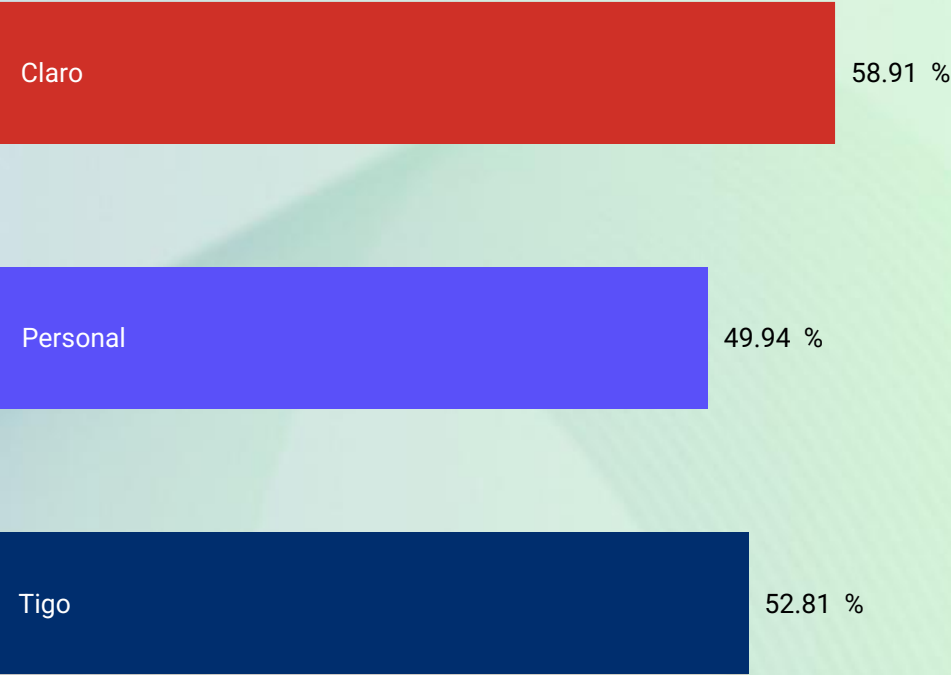
Overall distribution of the tests per provider (ISPs Share)



Source : nPerf.com



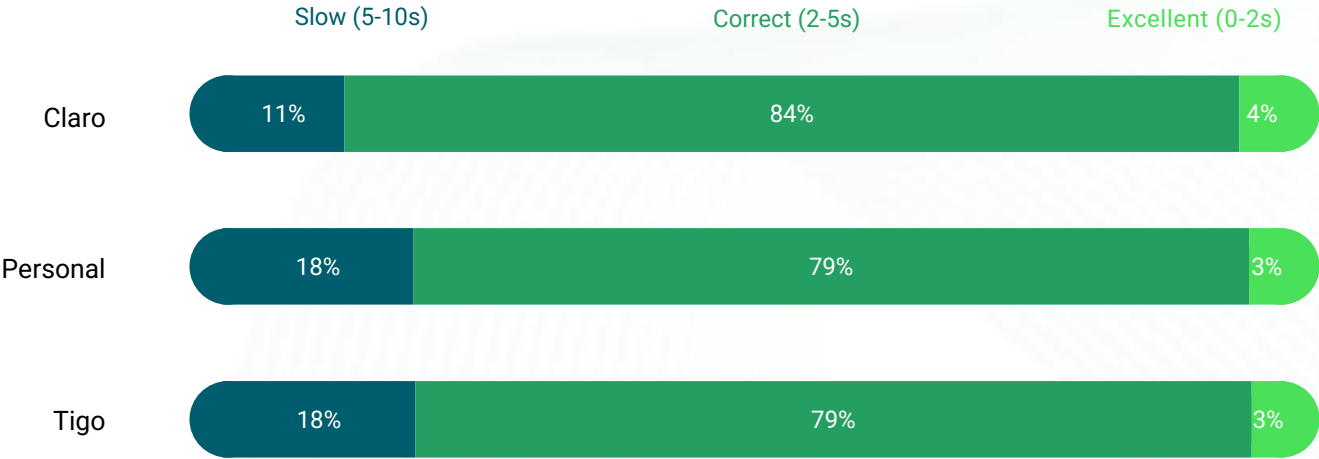
Browsing Performance rate (average)



Source : nPerf.com

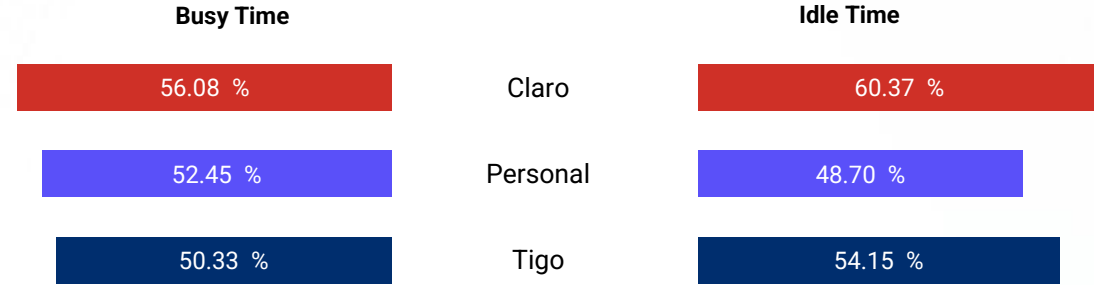
The subscribers of Claro enjoyed the best mobile Internet browsing performance in 2025.

Browsing Performance results ventilation (average)



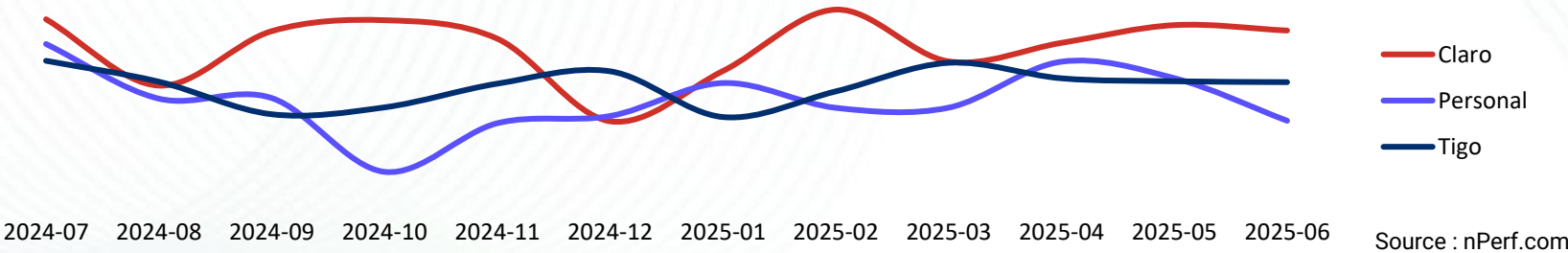
Source : nPerf.com

Browsing Performance rate (average)



Source : nPerf.com

Browsing performance rate (average) evolution over the year



Source : nPerf.com





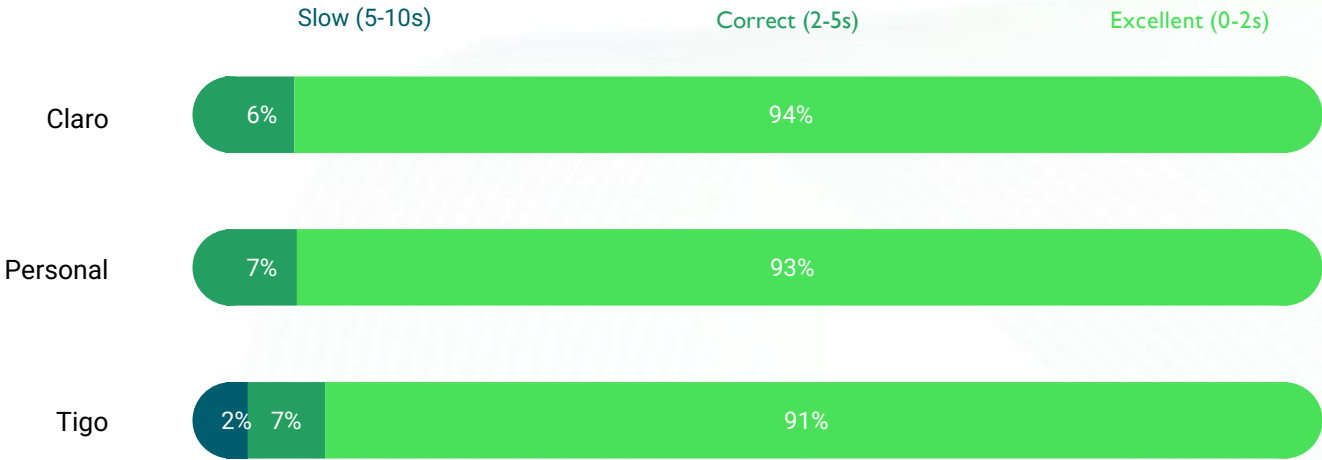
Streaming Performance rate (average)



Source : nPerf.com

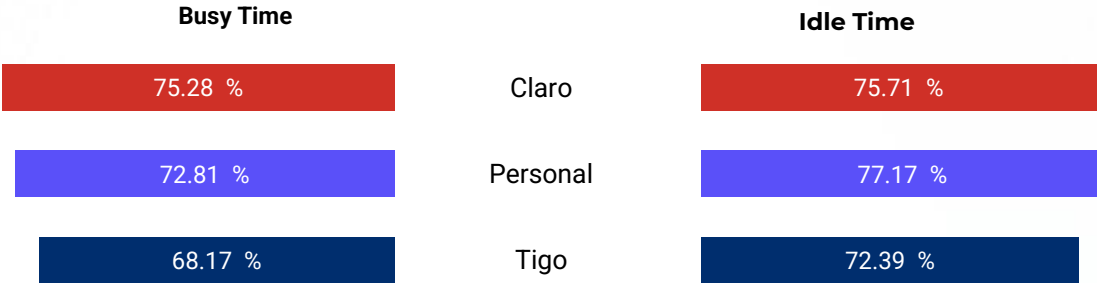
The subscribers of Claro and Personal enjoyed the best mobile Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



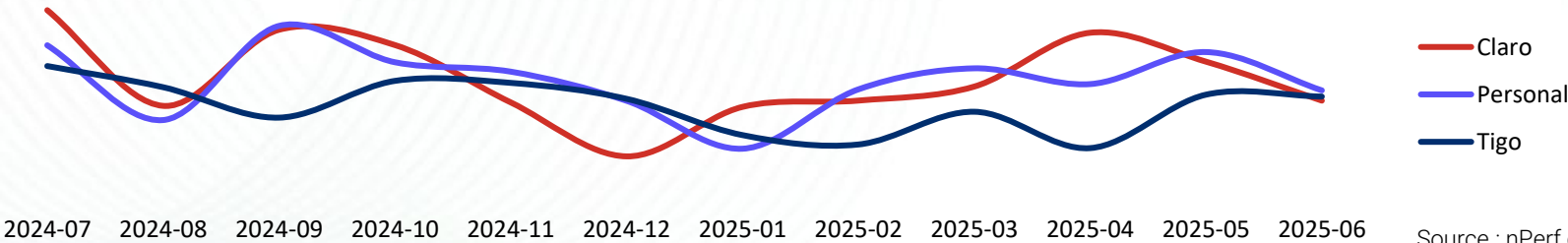
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

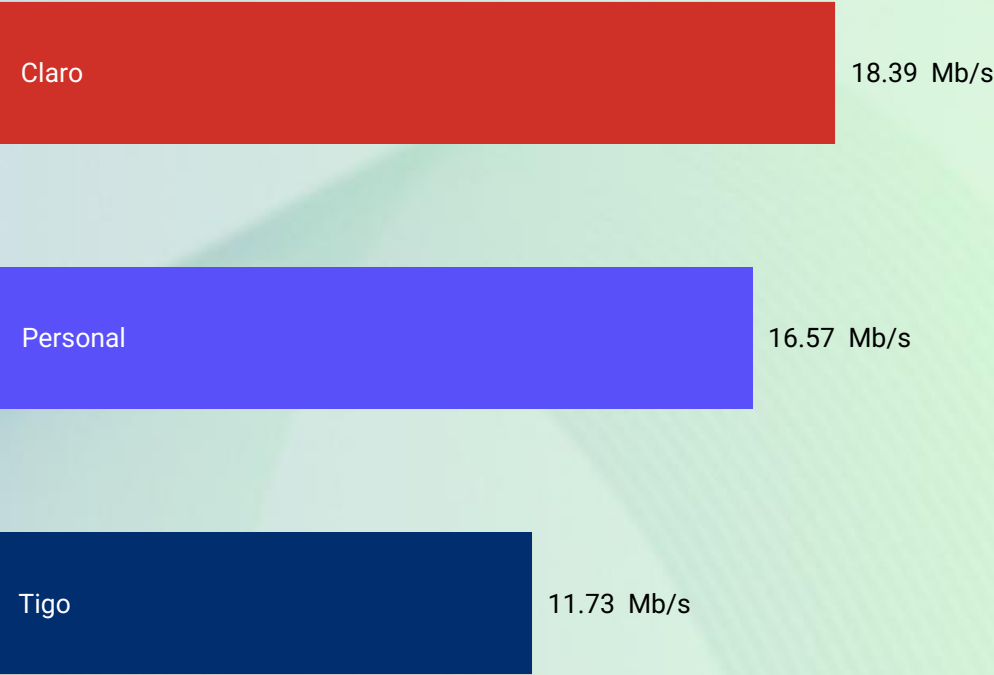
Streaming performance rate (average) evolution over the year



Source : nPerf.com



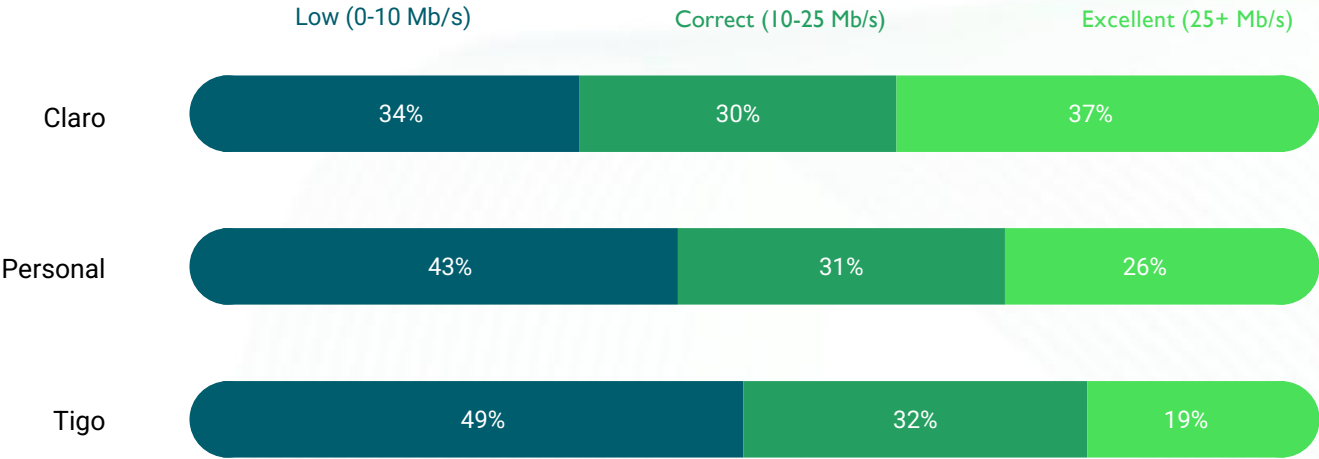
Download Speed (average)



Source : nPerf.com

The subscribers of Claro enjoyed the best average mobile Internet download speed in 2025.

Download Speed results ventilation (average)



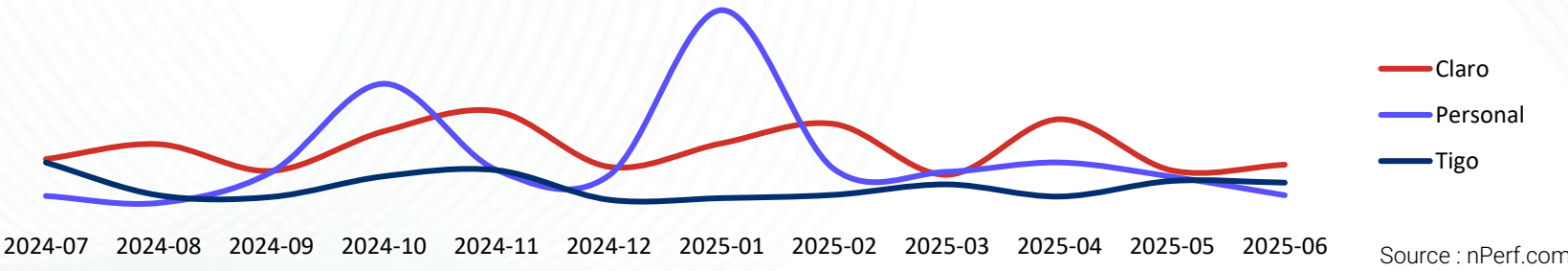
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

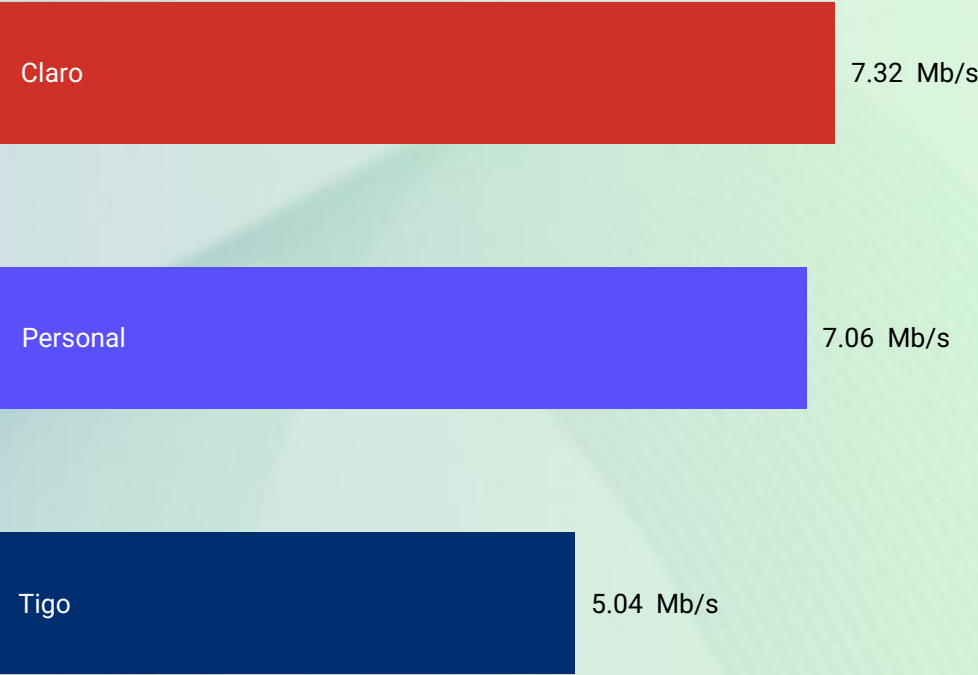
Download Speed evolution over the year (average)







Upload Speed (average )



Source : nPerf.com

The subscribers of Claro enjoyed the best average mobile Internet upload speed in 2025.

Upload Speed results ventilation (average)



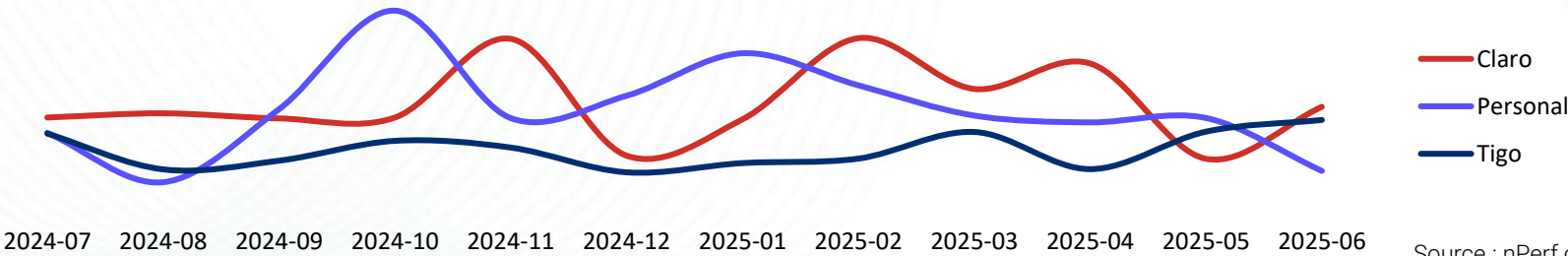
Source : nPerf.com

Upload Speed (average )



Source : nPerf.com

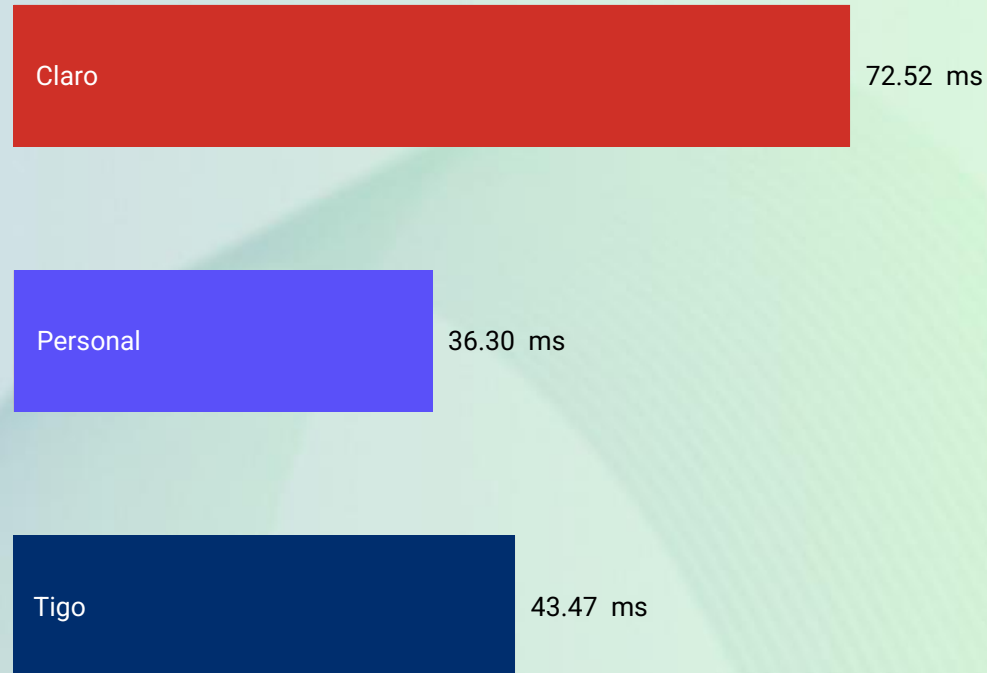
Upload Speed evolution over the year (average)



Source : nPerf.com



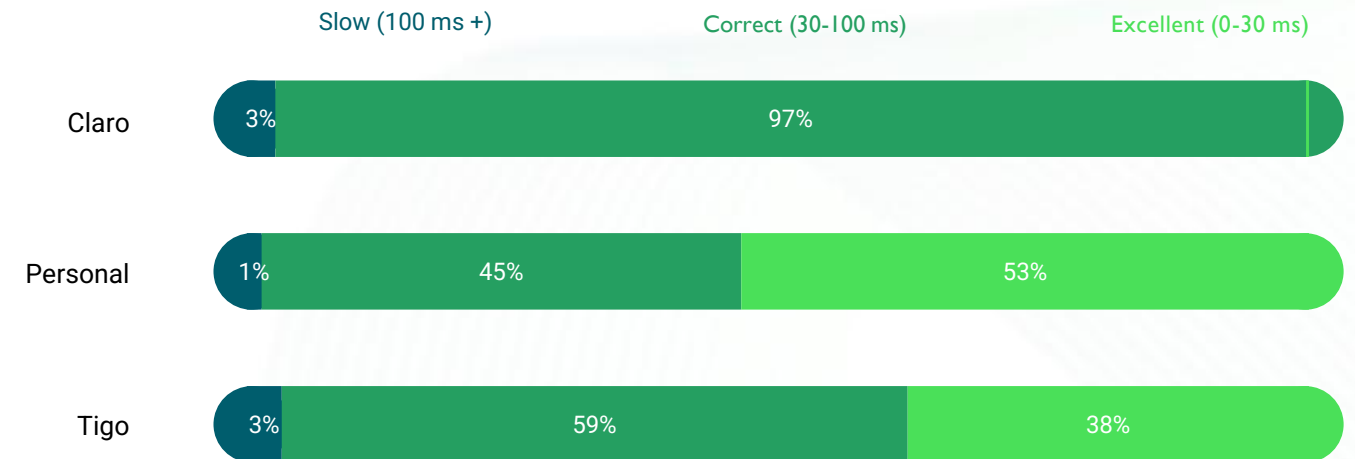
## Latency Speed (average)



Source : nPerf.com

The subscribers of Personal enjoyed the best average mobile Internet latency speed in 2025.

## Latency Speed results ventilation (average)



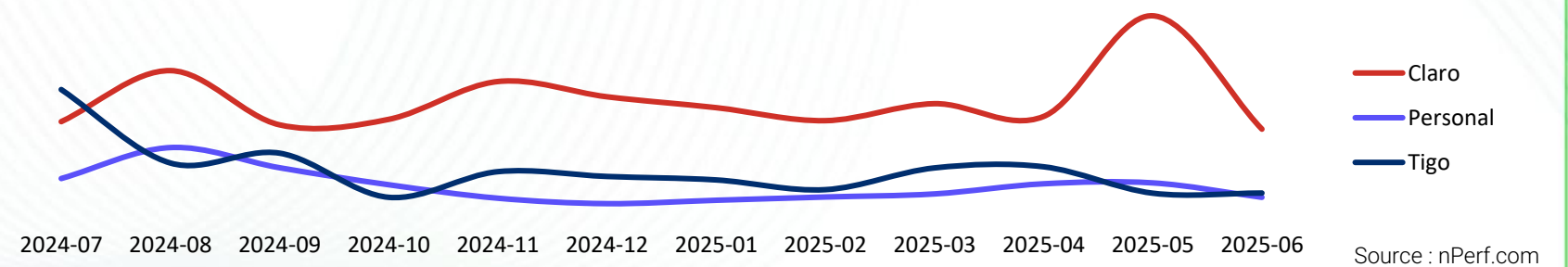
Source : nPerf.com

## Latency Speed (average)



Source : nPerf.com

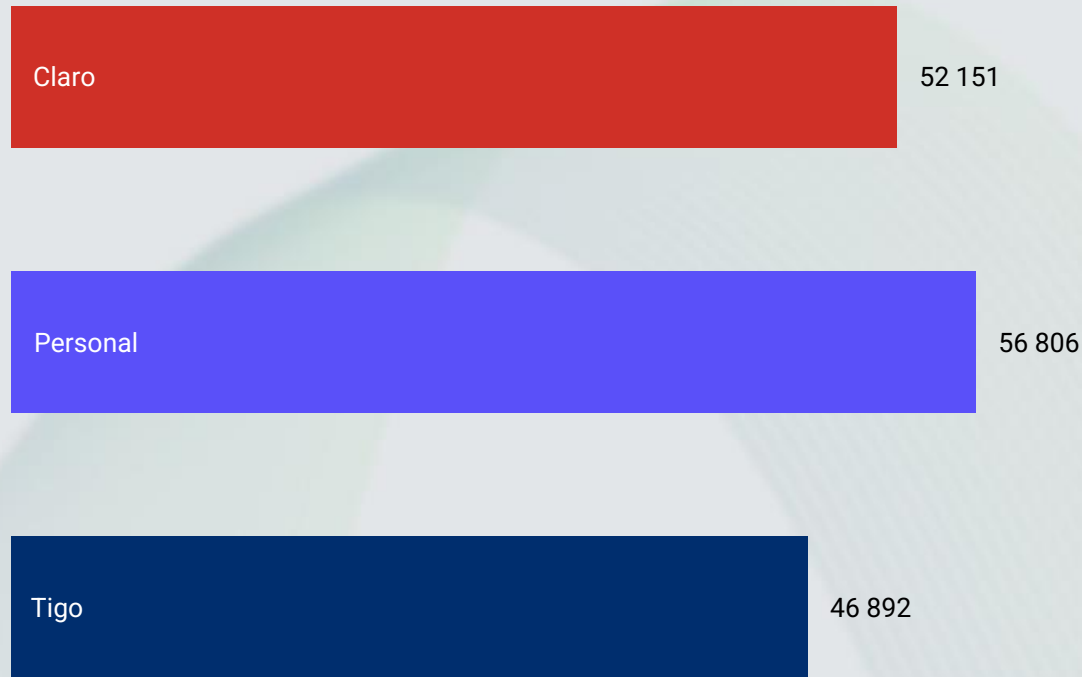
## Latency Speed evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Personal enjoyed the best 4G Internet performances in 2025.

- Best performances 4G: Personal
- Best web browsing performances 4G: Claro
- Best video streaming performances 4G: Personal
- Fastest performances (Download) 4G: Claro
- Fastest performances (Upload) 4G: Claro
- 4G connections with the lowest latency: Personal

Source : nPerf.com

Claro

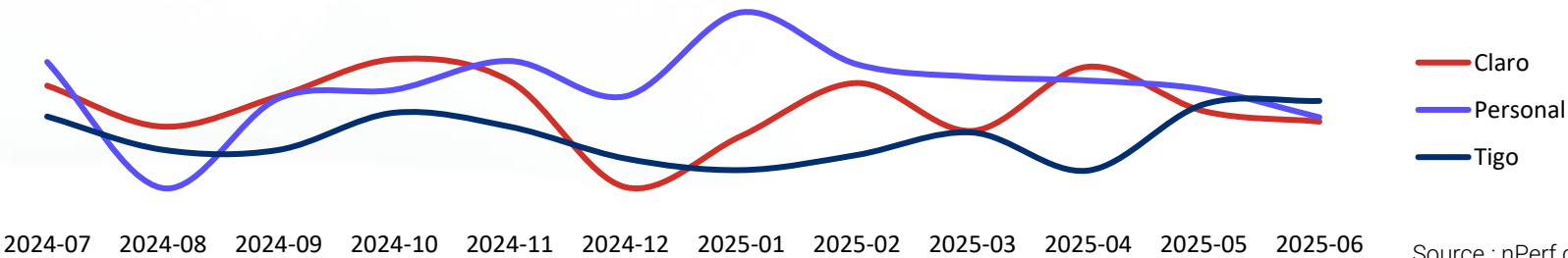
personal

tigo



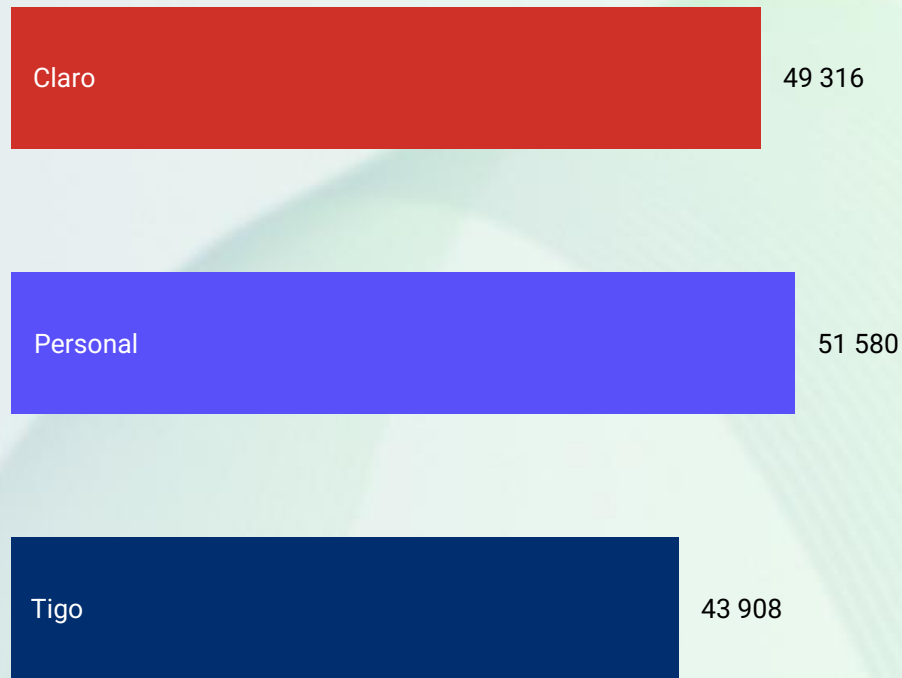
Source : nPerf.com

nPerf score evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)

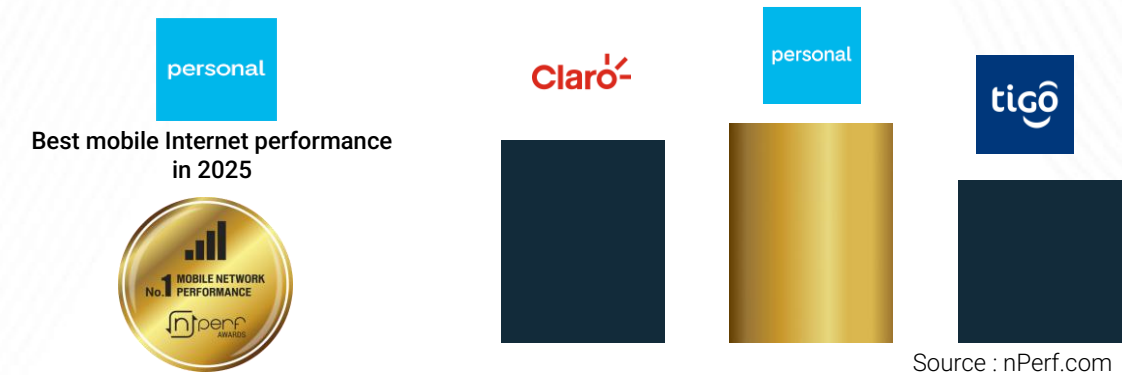


Source : nPerf.com

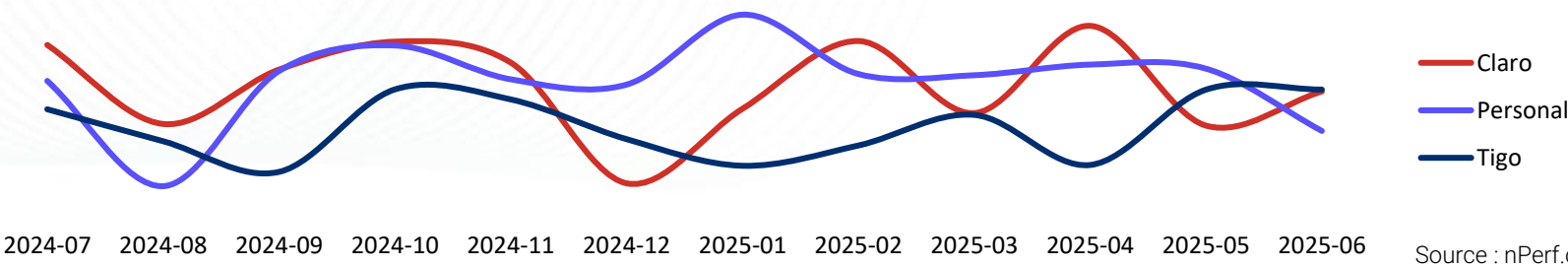
The subscribers of Personal enjoyed the best mobile Internet performances in 2025.

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



nPerf score evolution over the year (average)





The background of the image features a series of thin, light-colored wavy lines that create a sense of motion and depth. These lines are layered and overlap, forming a complex, organic pattern that flows across the frame. The overall effect is reminiscent of a stylized wave or a digital signal.

inperf