

# Barometer of mobile Internet connections in Colombia



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nPerf**

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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.

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 **300k+** tests daily worldwide.

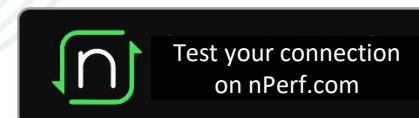
 **26Md+** coverage scans in total.

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

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### 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 Claro enjoyed the best mobile Internet performances in 2025.

Mobile Internet connections in Colombia

	Claro	Movistar	Tigo	WOM / Avantel
▼ Download speeds (Mb/s)	78.01	22.28	24.14	12.52
▲ Upload speeds (Mb/s)	19.22	10.40	10.00	8.41
◀▶ Latency (ms)	52.76	53.78	47.16	43.47
🌐 Web browsing (%)	54.20	57.66	52.75	60.60
🎥 Youtube streaming (%)	63.30	71.56	55.96	75.44
📶 nPerf Score (nPoints)	63 536	53 844	46 934	51 735

Source : nPerf.com

Claro

Best mobile Internet performance  
in 2025



Source : nPerf.com

Claro



Source : nPerf.com

The subscribers of WOM / Avantel enjoyed the best 4G Internet performances in Colombia in 2025.

4G mobile Internet connections in Colombia

	Claro	Movistar	Tigo	WOM / Avantel
 Download speeds (Mb/s)	30.44	18.14	19.57	13.91
 Upload speeds (Mb/s)	11.70	10.90	9.87	9.38
 Latency (ms)	54.86	51.73	46.94	41.26
 Web browsing (%)	52.94	58.79	52.62	62.35
 Youtube streaming (%)	62.78	72.69	55.90	77.25
 nPerf Score (nPoints)	51 423	53 291	45 048	55 460

Source : nPerf.com



### Introduction

The mobile Internet sector in Colombia shows solid performance levels with an average nPerf score of 53,952 nPoints. Claro maintains its position as the n°1 operator in the overall ranking for the second consecutive year. In the 4G segment, WOM/Avantel leads with strong results. Looking at specific performance indicators, Claro delivers the highest download speeds (78.0 Mbps) and upload speeds (19.2 Mbps), making it ideal for heavy content consumption and sharing. WOM/Avantel distinguishes itself with the best latency (43.5 ms), browsing performance (60.6%), and video streaming quality (75.4%), providing users with a responsive and smooth online experience.

#### Claro: Maintains sector Leadership with Strong Data Speeds

Claro secures the top position with 63,536 nPoints, offering the most competitive overall mobile experience in Colombia. The operator stands out as n°1 in both download (78.0 Mbps) and upload (19.2 Mbps) speeds, making it particularly well-suited for users who frequently download large files or stream high-definition content. Claro has shown good progression across multiple metrics, with significant improvements in download speeds (+45.6%), upload performance (+22.5%), and browsing quality (+22.8%). This consistent development reinforces its position as the leading mobile operator in the country.

#### Movistar: Balanced Performance with Reliable Video Streaming

Movistar ranks second with 53,844 nPoints, delivering balanced performance across key metrics. The operator provides good video streaming capabilities with a 71.6% quality score, positioning it second in this category. Movistar has shown positive evolution in several areas, including download speeds (+31.5%), upload performance

(+20.0%), and browsing experience (+19.7%). These improvements demonstrate Movistar's commitment to enhancing the overall quality of service for its customers.

#### WOM/Avantel: Excellent User Experience with Superior Responsiveness

With 51,735 nPoints, WOM/Avantel secures the third position in the overall ranking while dominating in user experience metrics. The operator holds the n°1 position in the 4G segment and excels in latency (43.5 ms), browsing (60.6%), and video streaming (75.4%), making it the leader for responsive online activities such as gaming and web browsing. WOM/Avantel has achieved notable progress in download speeds (+36.0%), upload performance (+21.3%), and browsing quality (+13.8%), strengthening its position as a user experience-focused provider.

#### Tigo: Reliable Performance with Consistent Service Quality

Tigo places fourth with 46,934 nPoints, offering dependable mobile connectivity. The operator provides solid download speeds of 24.1 Mbps, which have improved by 17.3% over the previous period. Tigo's balanced performance across metrics ensures that customers receive consistent service quality for everyday mobile internet activities.

### Conclusion

Claro maintains its leadership in Colombia's mobile internet sector, while each operator demonstrates distinct strengths. The sector shows healthy competition with all providers making notable improvements across various performance indicators. Colombian mobile users benefit from this competitive landscape with continually improving services tailored to different usage patterns and preferences.

## 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

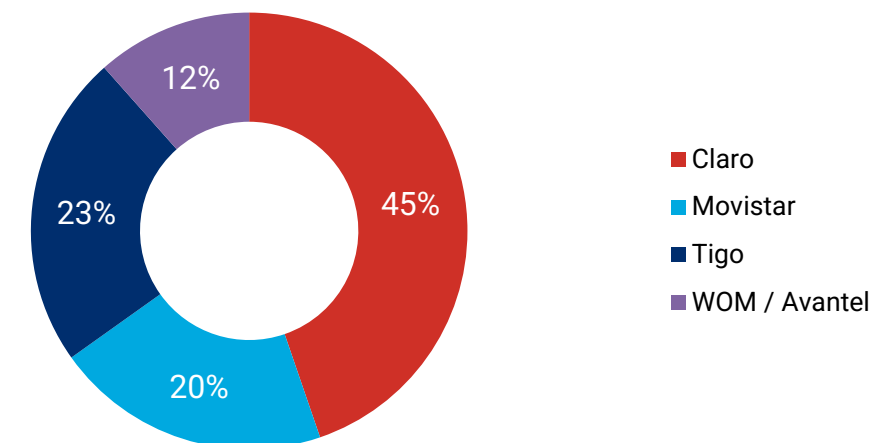
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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.

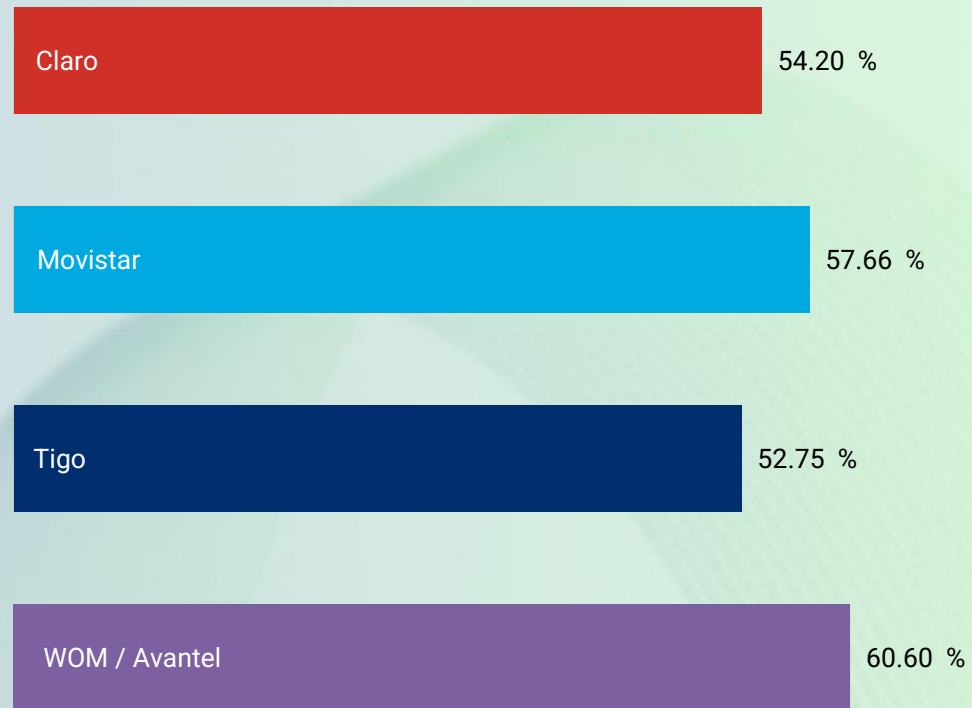
Overall distribution of the tests per provider (ISPs Share)



Source : nPerf.com



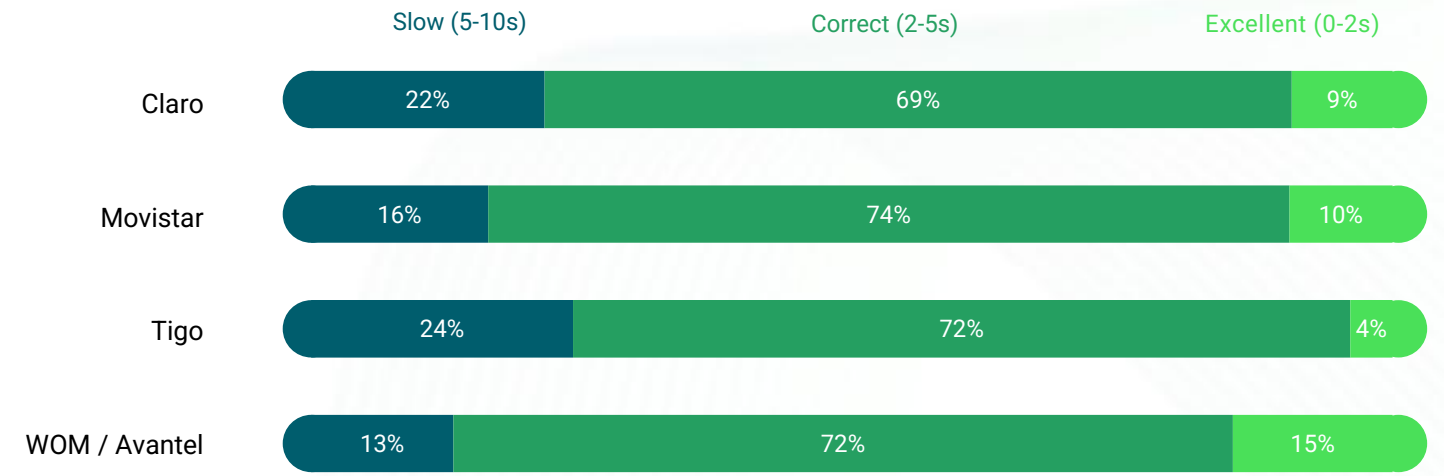
## Browsing Performance rate (average)



Source : nPerf.com

The subscribers of WOM / Avantel enjoyed the best mobile Internet browsing performance in 2025.

## Browsing Performance results ventilation (average)



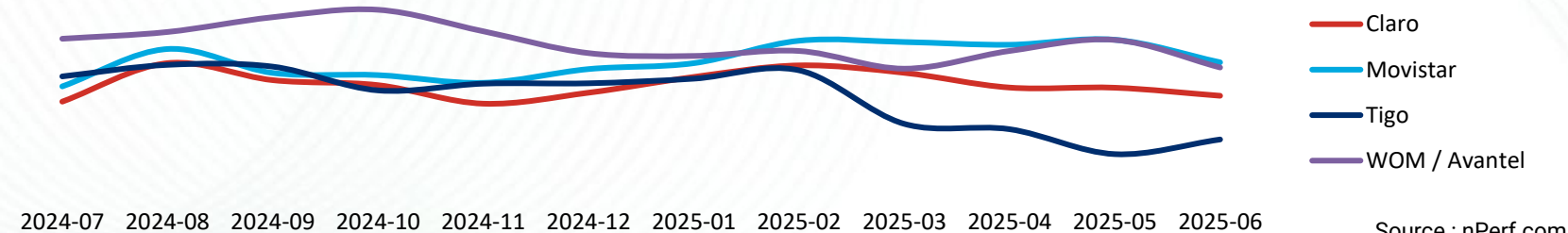
Source : nPerf.com

## Browsing Performance rate (average)



Source : nPerf.com

## Browsing performance rate (average) evolution over the year

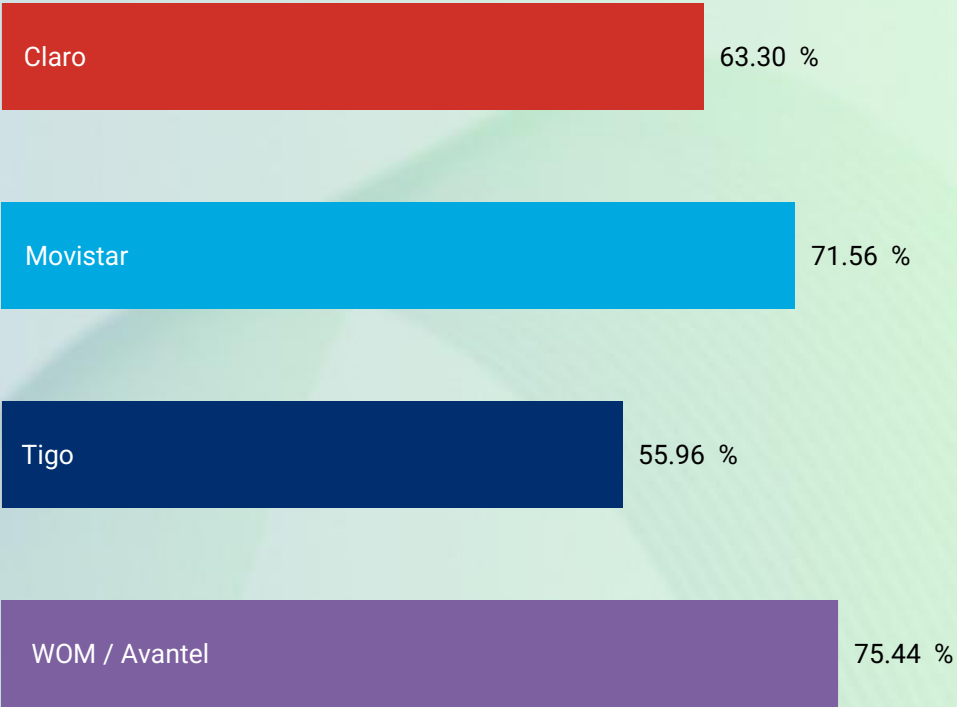


Source : nPerf.com





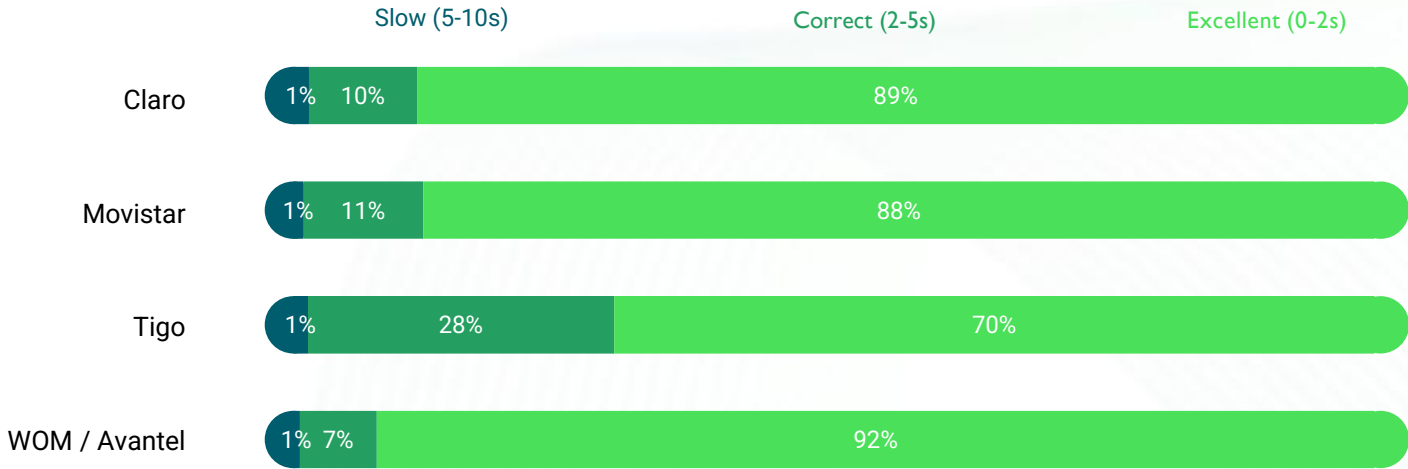
Streaming Performance rate (average)



Source : nPerf.com

The subscribers of WOM / Avantel enjoyed the best mobile Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



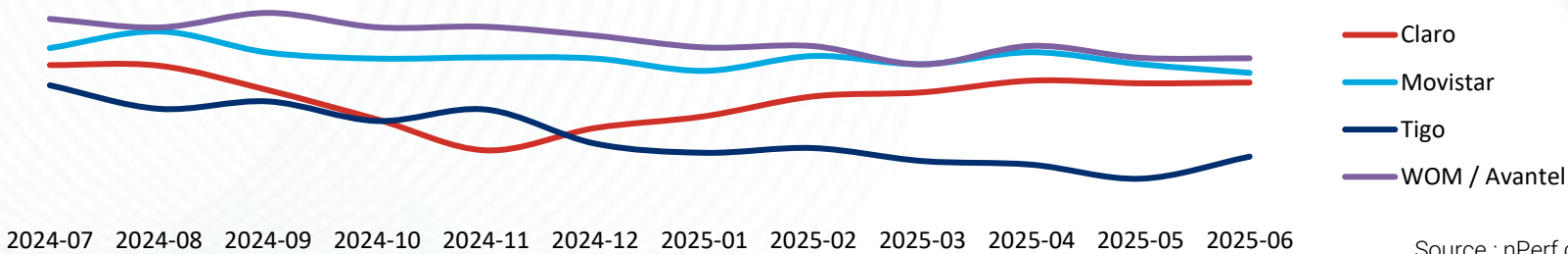
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

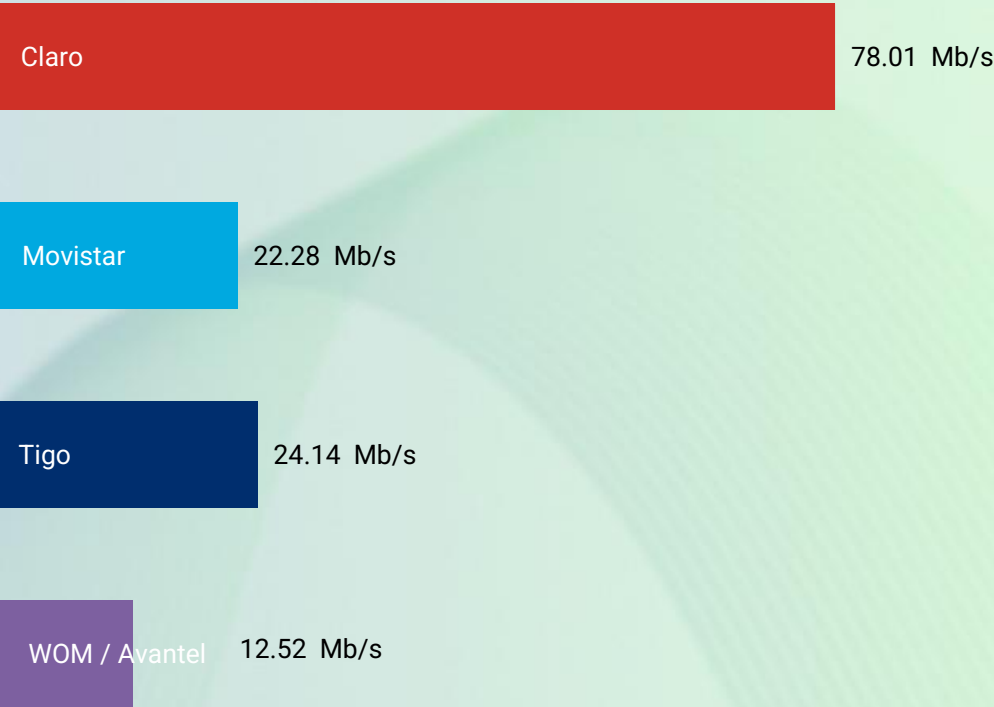
Streaming performance rate (average) evolution over the year



Source : nPerf.com



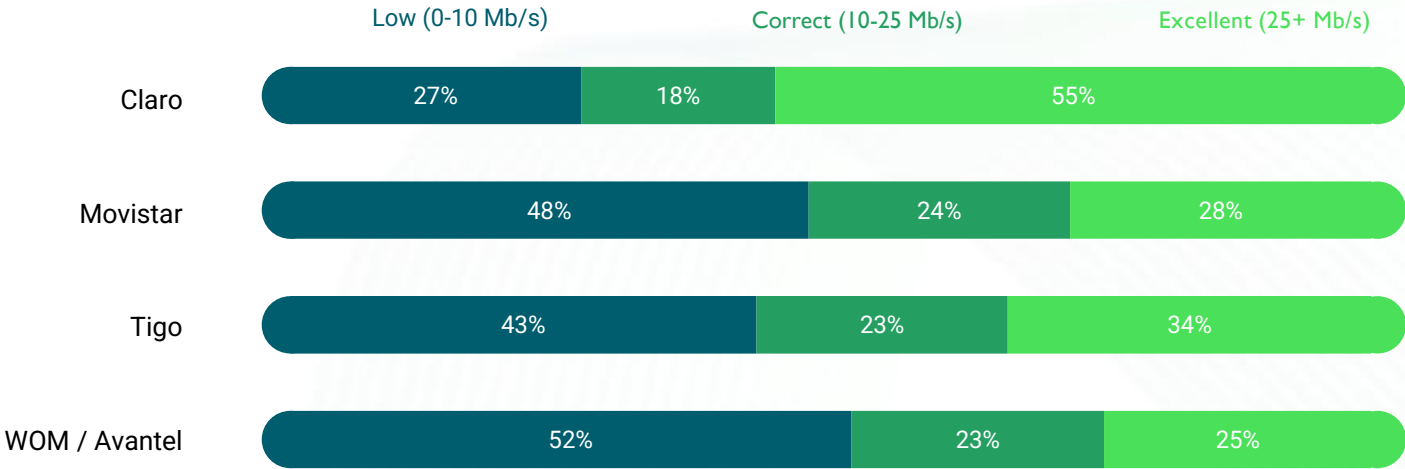
Download Speed (average)



Source : nPerf.com

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

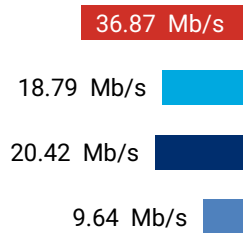
Download Speed results ventilation (average)



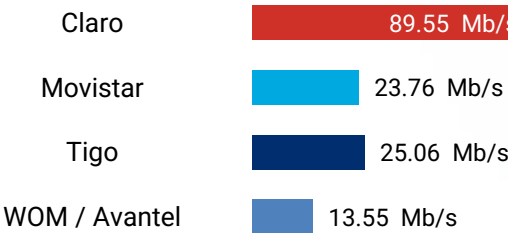
Source : nPerf.com

Download Speed (average)

Busy Time

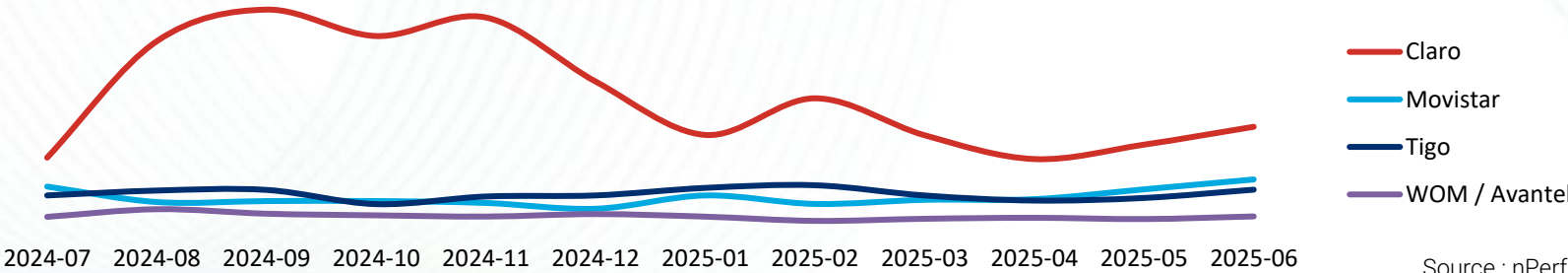


Idle Time



Source : nPerf.com

Download Speed evolution over the year (average)

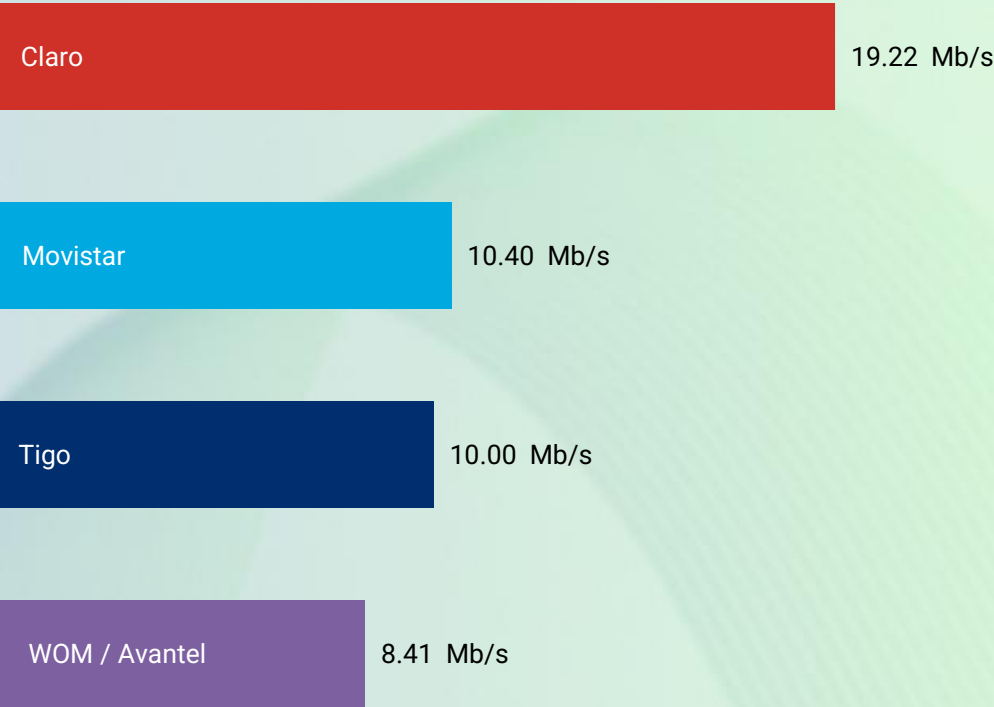


Source : nPerf.com





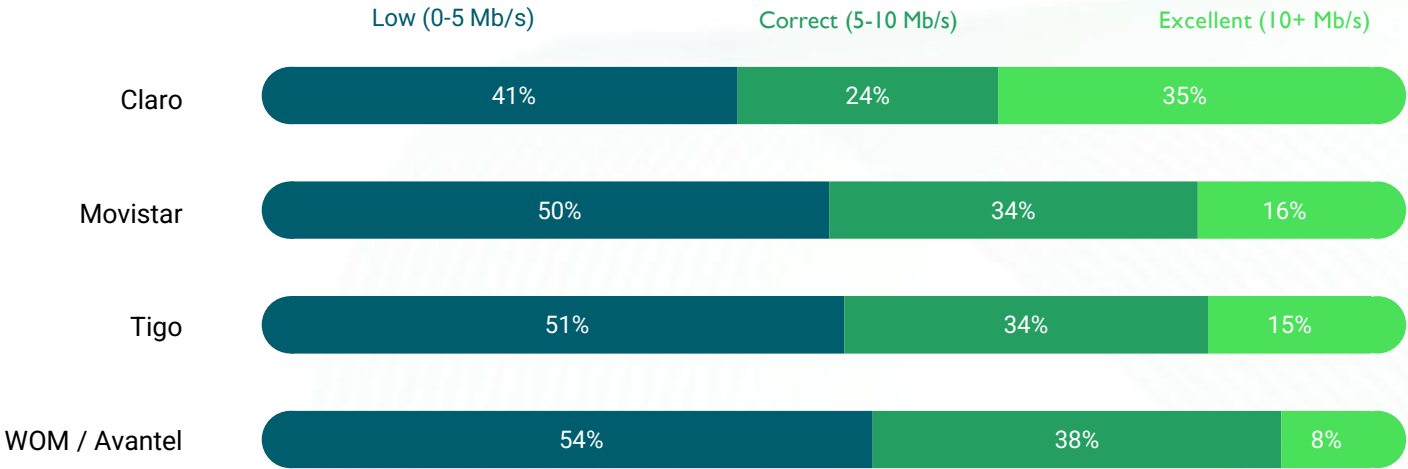
Upload Speed (average )



Source : nPerf.com

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

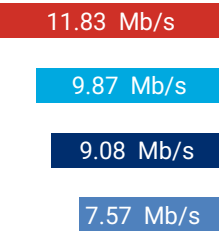
Upload Speed results ventilation (average)



Source : nPerf.com

Upload Speed (average )

Busy Time



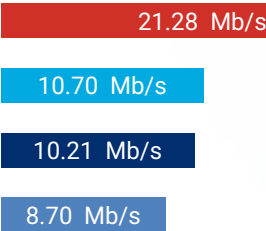
Claro

Movistar

Tigo

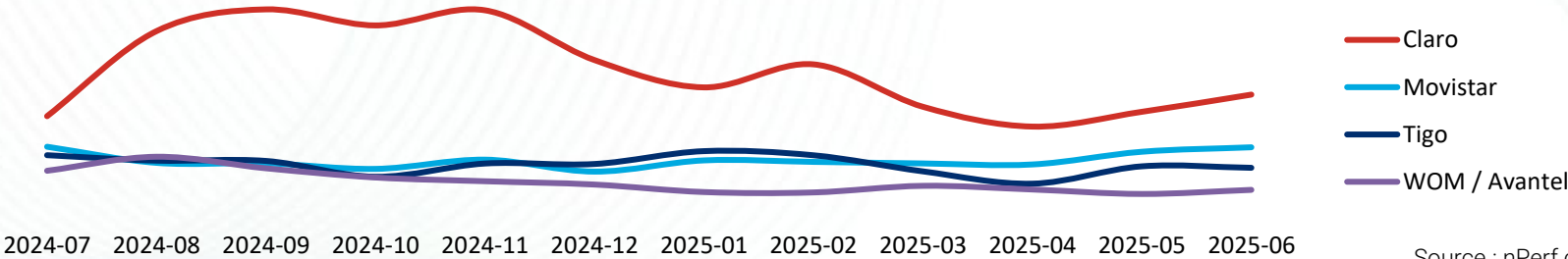
WOM / Avantel

Idle Time



Source : nPerf.com

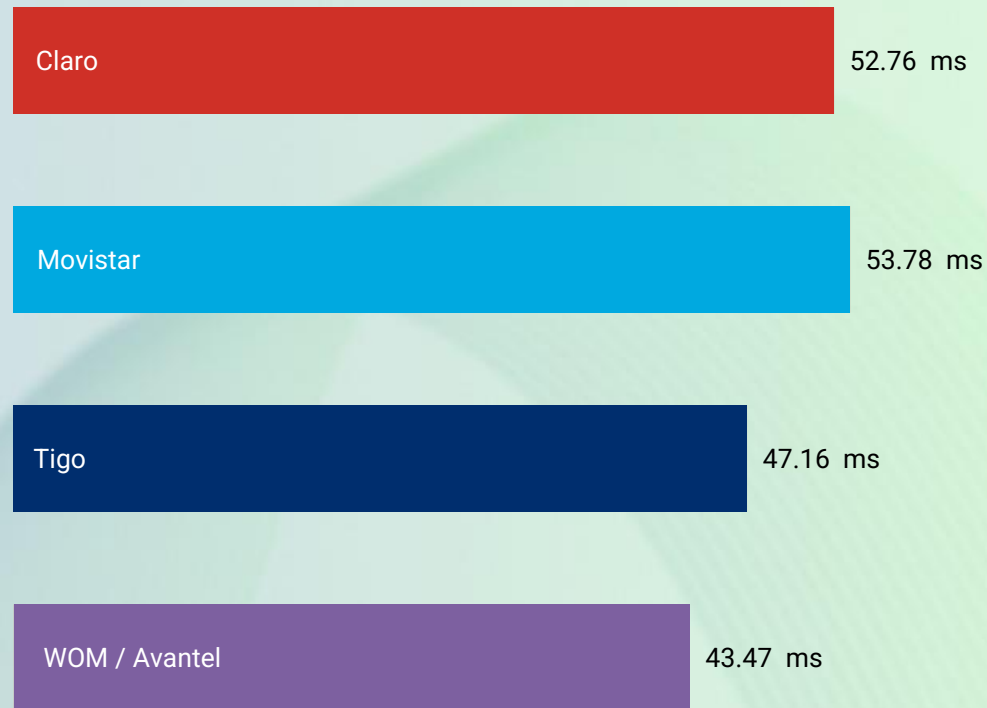
Upload Speed evolution over the year (average)



Source : nPerf.com



## Latency Speed (average)



Source : nPerf.com

The subscribers of WOM / Avantel enjoyed the best average mobile Internet latency speed in 2025.

## Latency Speed results ventilation (average)



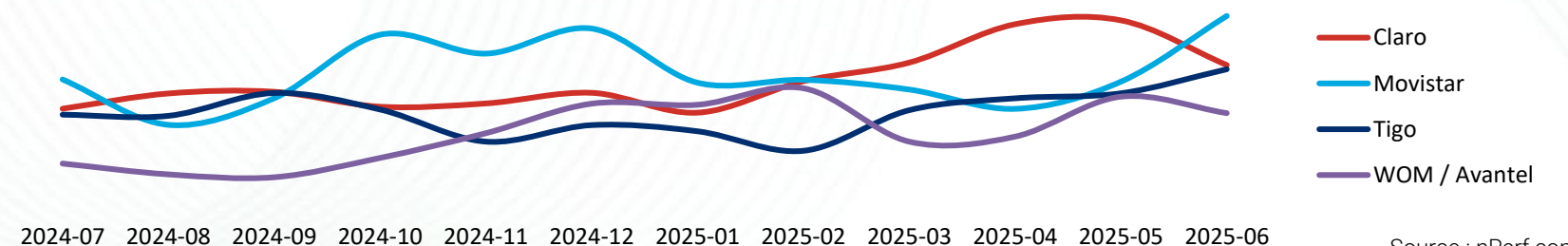
Source : nPerf.com

## Latency Speed (average)



Source : nPerf.com

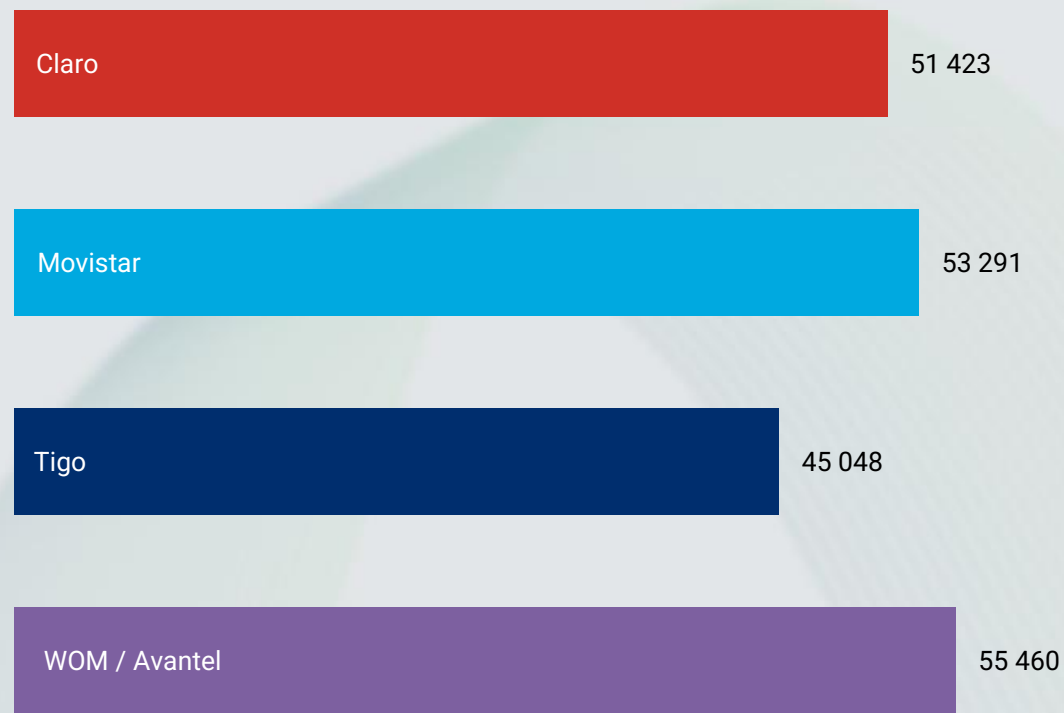
## Latency Speed evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

The subscribers of WOM / Avantel enjoyed the best 4G Internet performances in 2025.

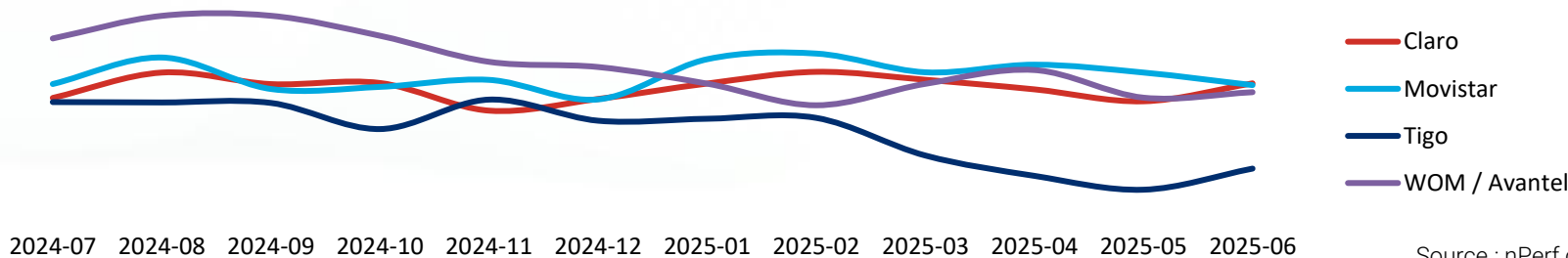
- Best performances 4G: WOM / Avantel
- Best web browsing performances 4G: WOM / Avantel
- Best video streaming performances 4G: WOM / Avantel
- Fastest performances (Download) 4G: Claro
- Fastest performances (Upload) 4G: Claro
- 4G connections with the lowest latency: WOM / Avantel

Source : nPerf.com



Source : nPerf.com

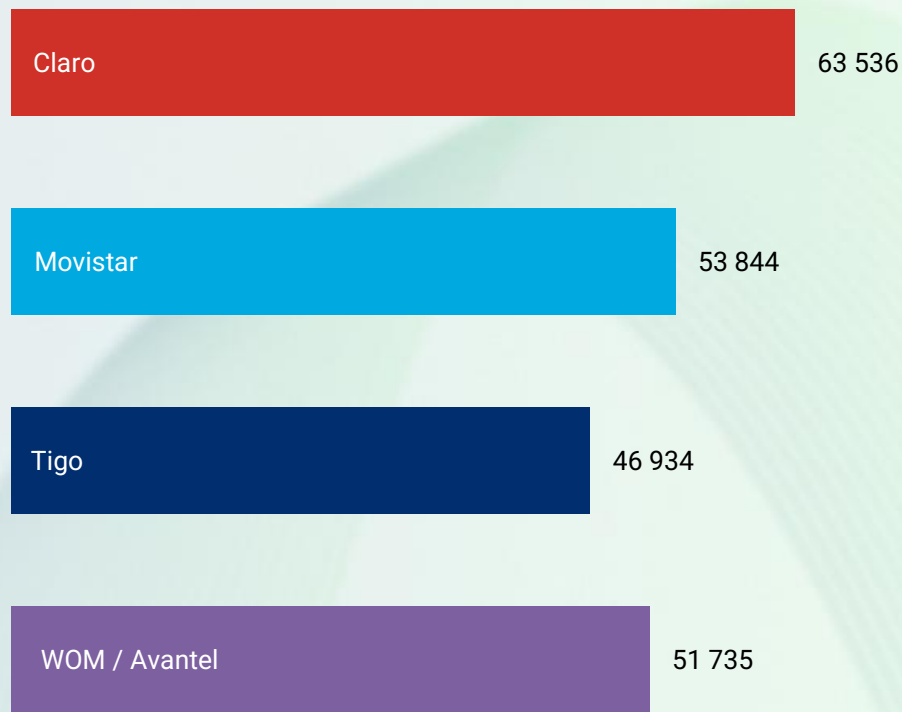
nPerf score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)

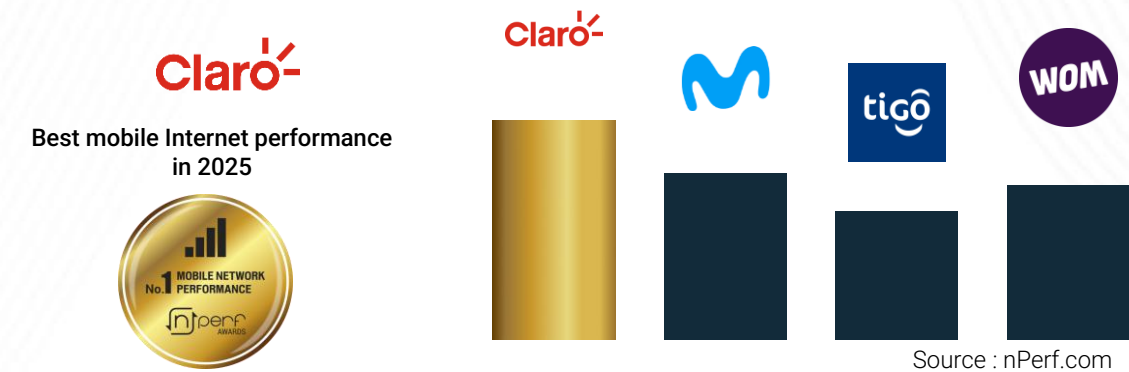


Source : nPerf.com

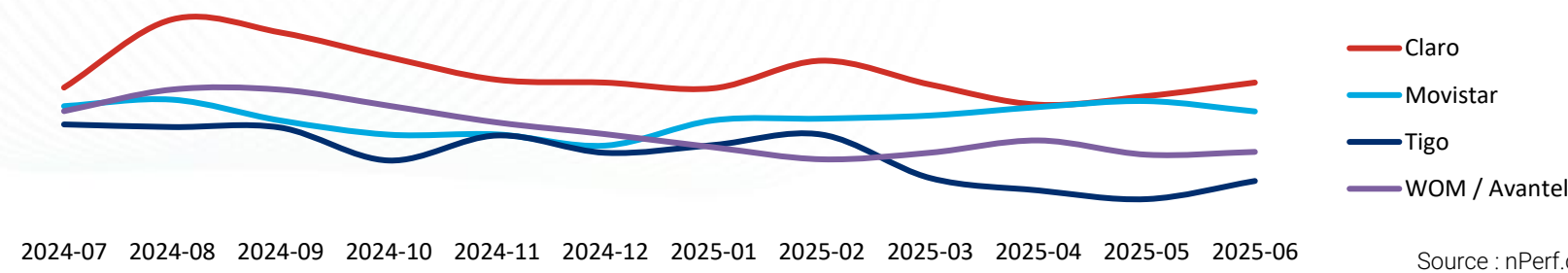
The subscribers of Claro enjoyed the best mobile Internet performances in 2025.

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



nPerf score evolution over the year (average)



Source : nPerf.com



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 curve across the frame, set against a solid dark blue background.

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