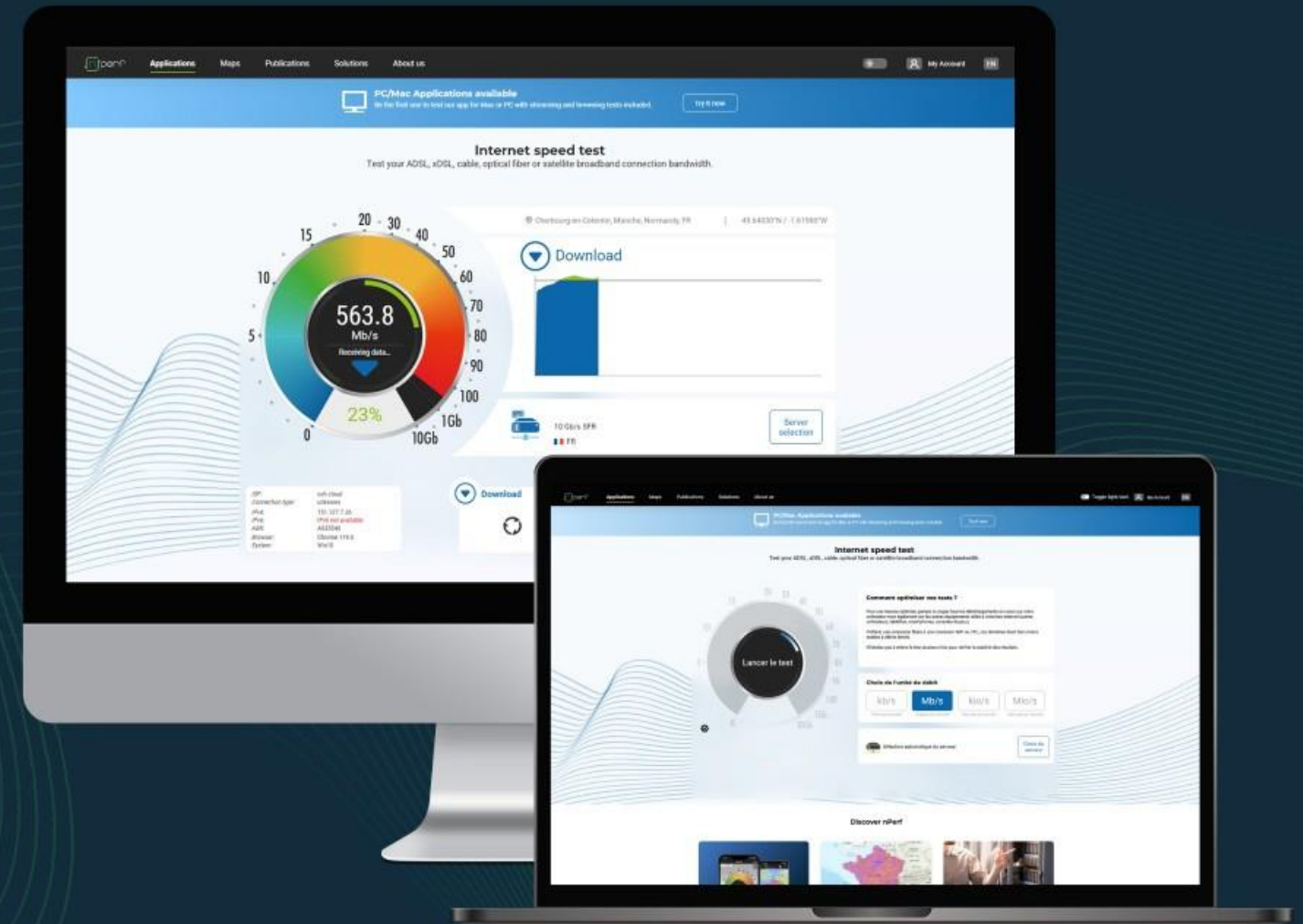


July 26, 2024



Barometer of fixed Internet connections in Ecuador

01/07/2023 - 30/06/2024



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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.



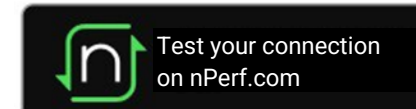
26Md+ coverage
scans in total.



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 Netlife enjoyed the best fixed Internet performances in Ecuador during 2024.

Fixed Internet connections in Ecuador		01/07/2023 - 30/06/2024				
		CNT	Claro	Netlife	Puntonet	Xtrim
▼ Download speeds (Mb/s)		44.21	100.01	130.86	129.91	83.69
▲ Upload speeds (Mb/s)		39.74	62.56	124.21	115.37	52.78
◀▶ Latency (ms)		42.45	24.79	20.01	23.29	26.74
nPerf Score (nPoints)		108 449	134 969	148 585	145 091	129 367

Source : nperf.com



Best fixed Internet performance in 2024



Source : nperf.com



Source : nperf.com

Introduction

The ISP market in Ecuador is characterized by strong competition, with Netlife leading the pack. This report provides an overview of the performance of the top ISPs: Netlife, Puntonet, Claro, Xtrim, and CNT, highlighting their strengths across various performance metrics.

Netlife dominating in speed and latency

Netlife stands out as the market leader, excelling in both speed and latency. With a remarkable latency score of 20 ms and an upload speed of 124 Mbps, Netlife dominates across all indicators. Its performance remains stable throughout the period, making it the top choice for consumers seeking reliable and high-quality Internet service.

Puntonet strong in speed and latency

Puntonet secures the second position, showing solid performance in both speed and latency. With a download speed of 130 Mbps, Puntonet closely follows Netlife, demonstrating its competitiveness and reliability in the market.

Claro resilient in download speed

Claro ranks third, showing resilience in download speed with a score of 100 Mbps and a latency of 25 ms. These performances make Claro a viable option for users who prioritize a good balance of speed and latency for their Internet needs.

Xtrim strong latency performance

Xtrim secures the fourth position, demonstrating strength in latency with a score of 26 ms. While behind in overall ranking, Xtrim's low latency makes it a solid option for activities requiring quick response times, such as online gaming and video conferencing.

CNT lagging behind

CNT ranks fifth, significantly behind its competitors with an average score of 108,449 nPoints. Despite its current position, CNT has room for improvement. Enhancing its service quality could help CNT become more competitive in the future.

Conclusion

Netlife leads Ecuador's ISP market with exceptional performance in speed and latency. Puntonet follows closely with strong download speeds and latency, while Claro remains competitive with solid download speeds. Xtrim shows strength in latency, providing a good option for real-time online activities. CNT, though currently lagging, has potential for future growth. The ongoing competition among these ISPs drives continuous improvements in service quality, ultimately benefiting consumers with better and more reliable Internet experiences.

4. Methodology



nPerf provides a **free tool 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.

For fixed connections, 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 from the nPerf server. The highest the measured value, the best is the bitrate of your connection.

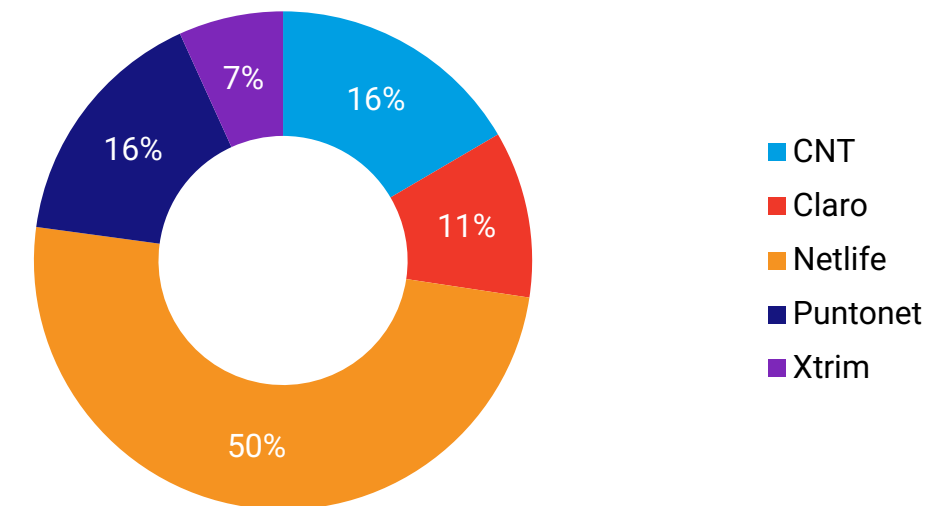
◄► Latency (ping) :

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 main is the minimum value.

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 % 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 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.

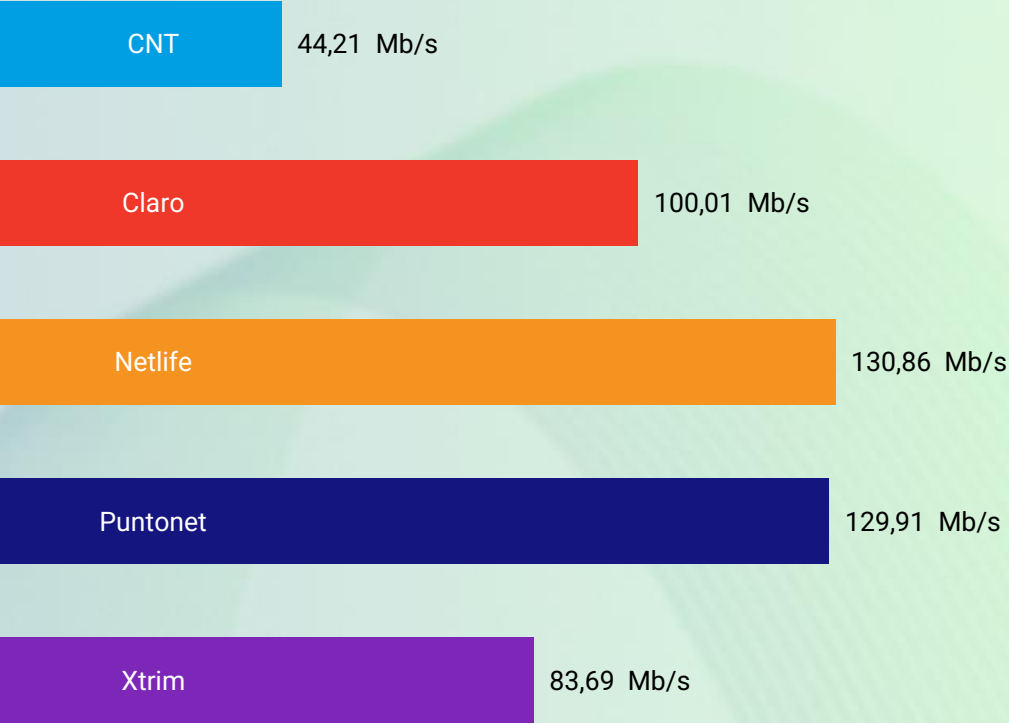
Overall distribution of the tests per provider (ISPs Share)



Source : nperf.com



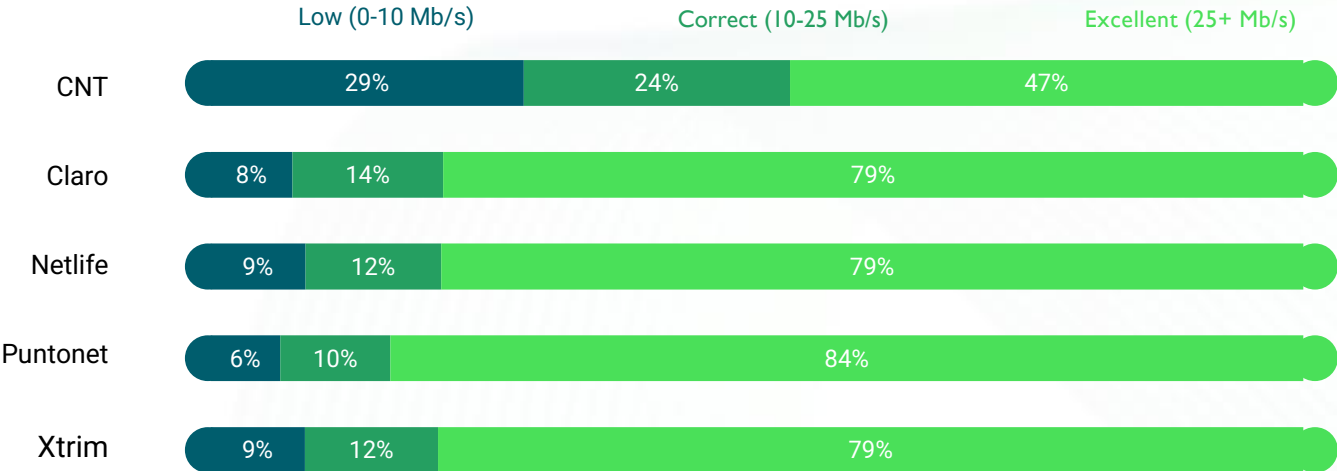
Download Speed (average)



Source : nperf.com

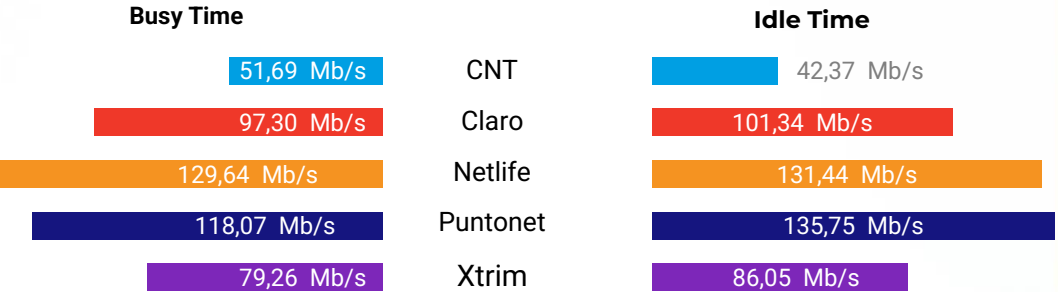
The subscribers of Netlife and Puntonet enjoyed the best average mobile Internet download speed in 2024.

Download Speed results ventilation (average)



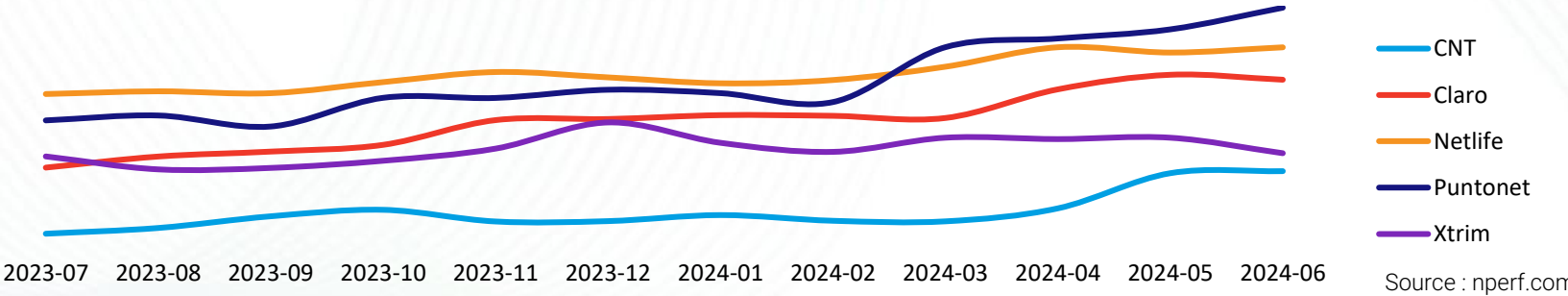
Source : nperf.com

Download Speed (average)



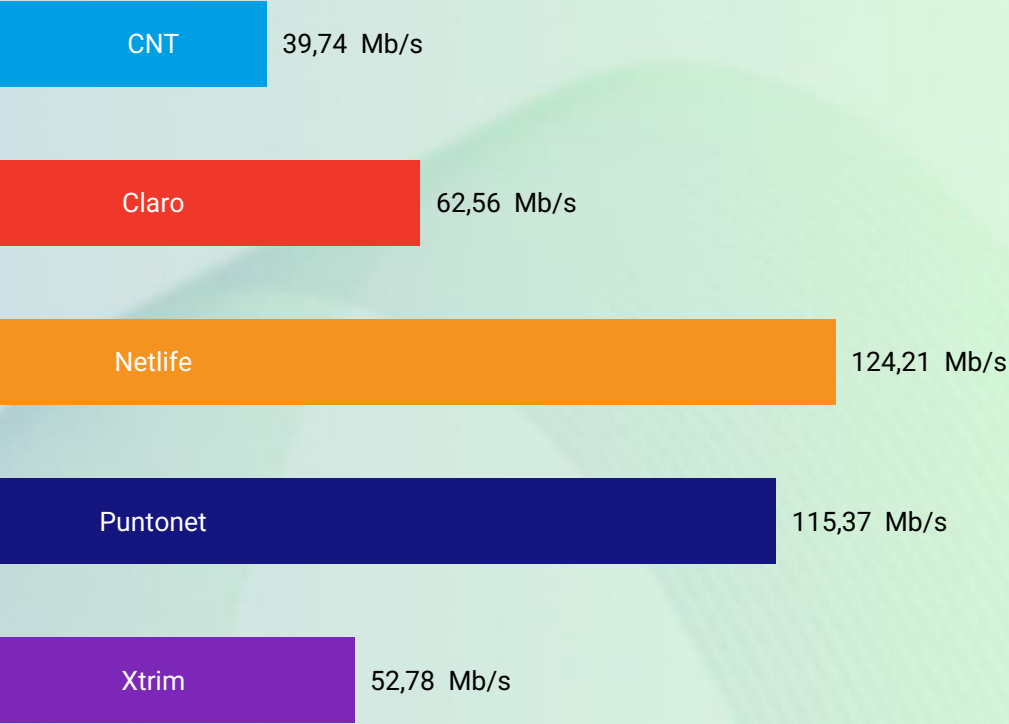
Source : nperf.com

Download Speed evolution over the year (average)





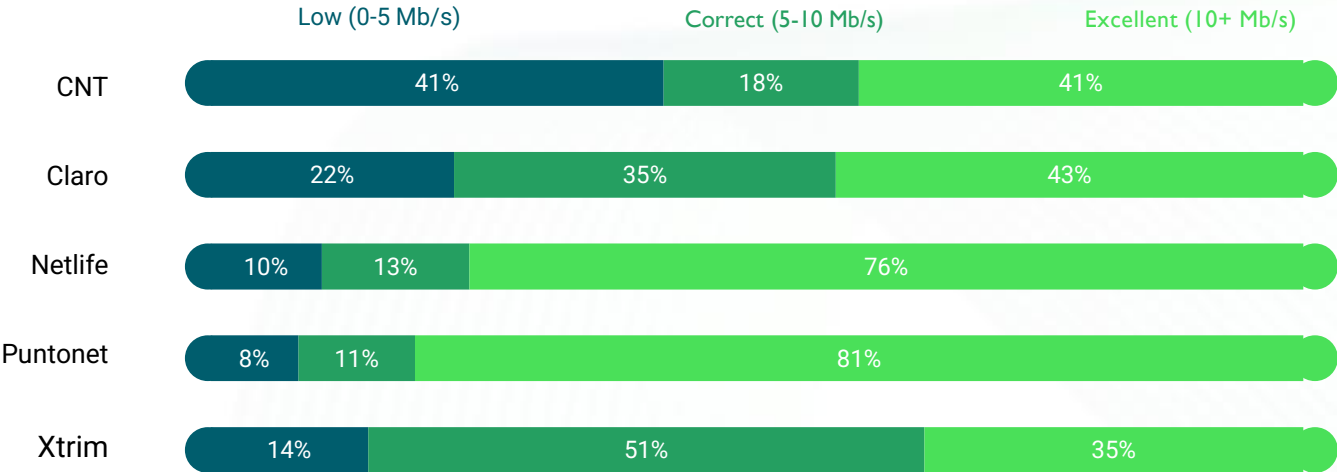
Upload Speed (average)



Source : nperf.com

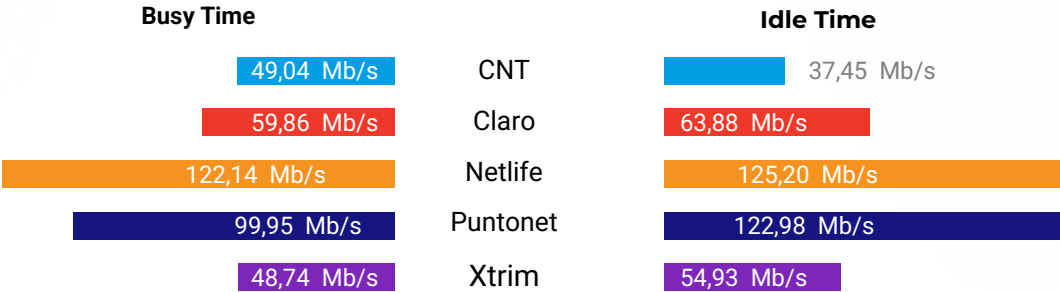
The subscribers of Netlife enjoyed the best average mobile Internet upload speed in 2024.

Upload Speed results ventilation (average)



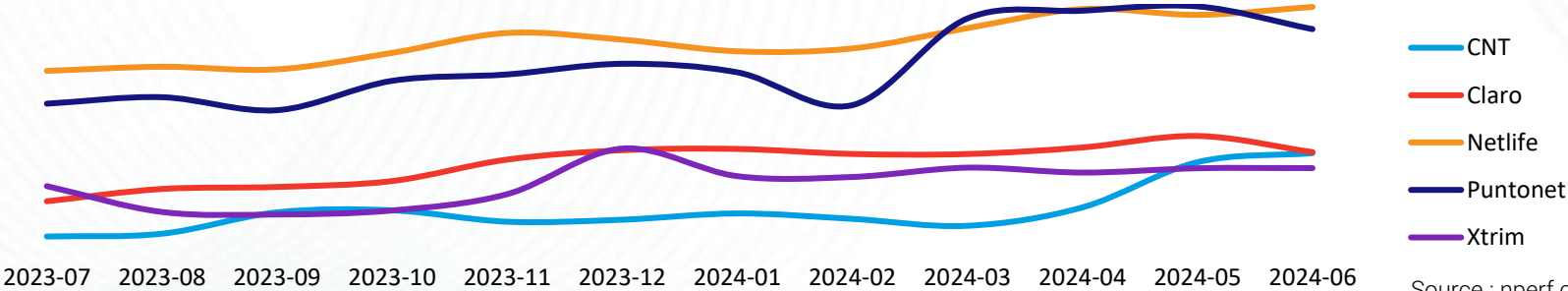
Source : nperf.com

Upload Speed (average)



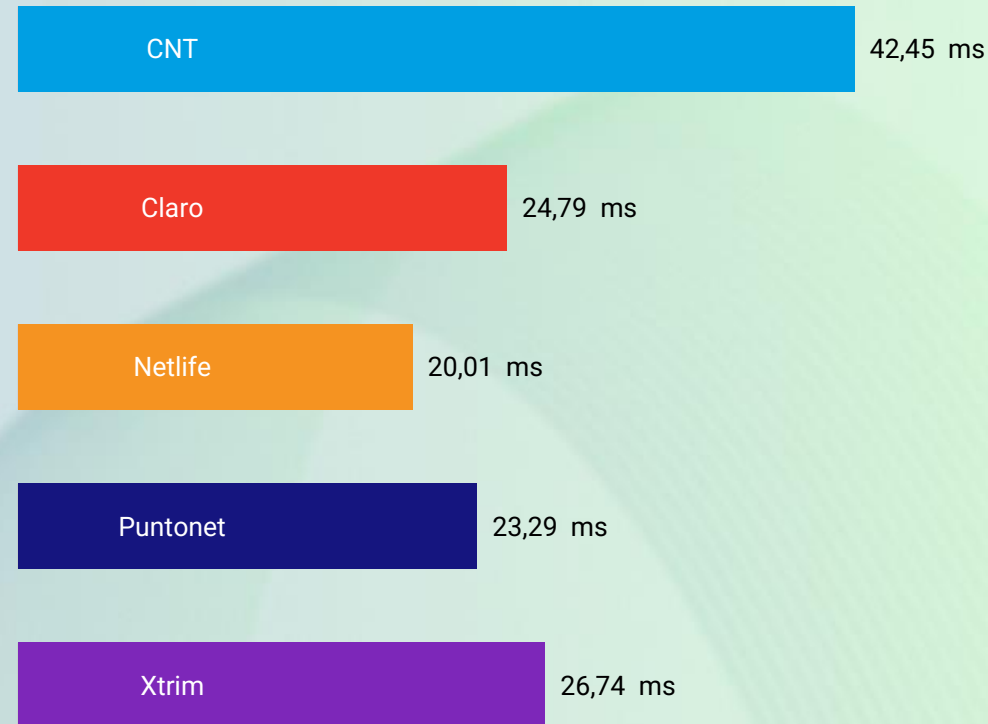
Source : nperf.com

Upload Speed evolution over the year (average)





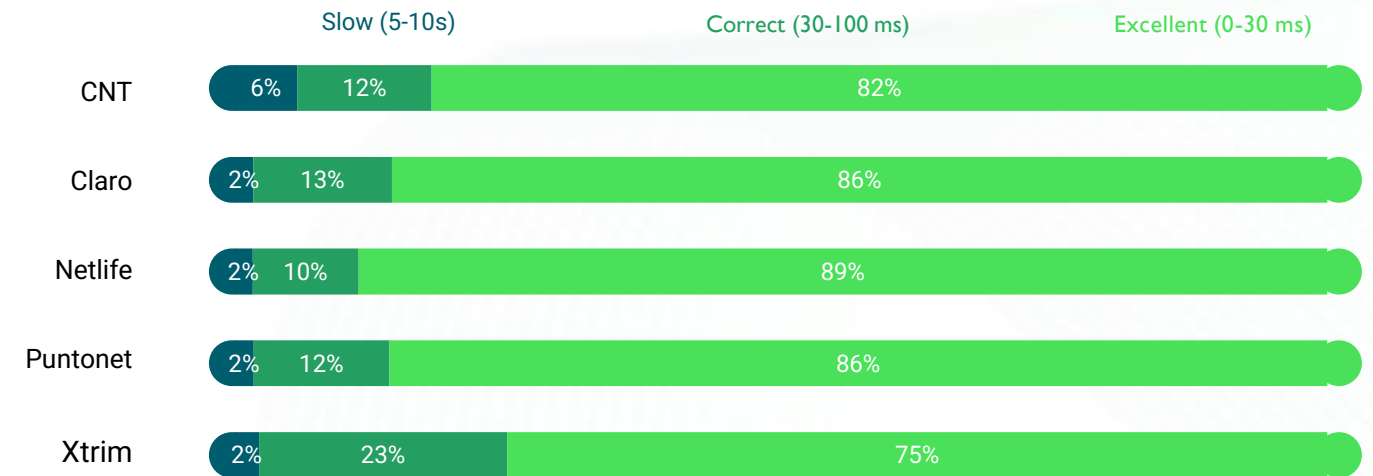
Latency Speed (average)



Source : nperf.com

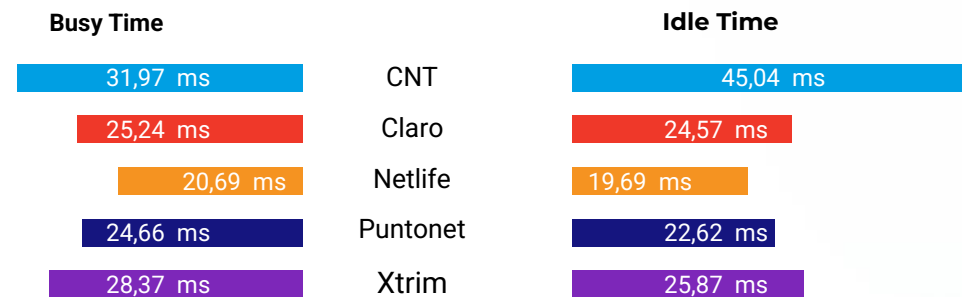
The subscribers of Netlife enjoyed the best average mobile Internet latency speed in 2024.

Latency Speed results ventilation (average)



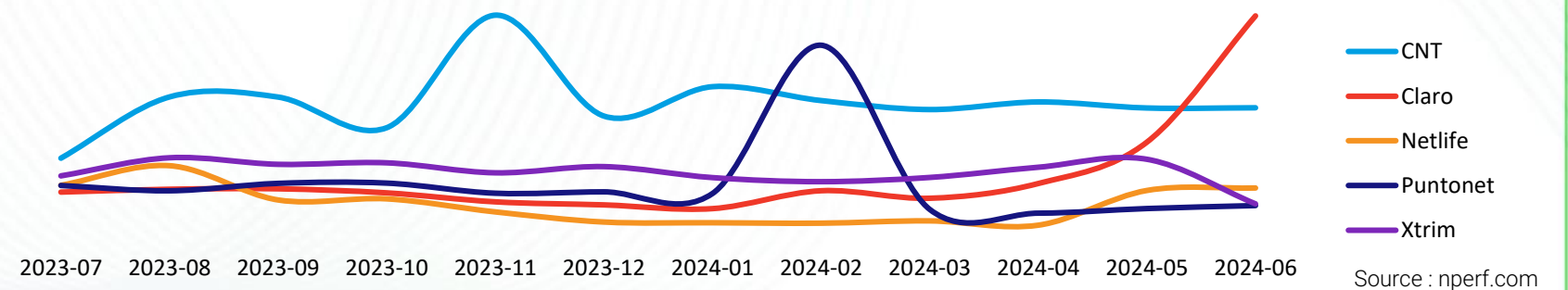
Source : nperf.com

Latency Speed (average)



Source : nperf.com

Latency Speed evolution over the year (average)



Fixed Internet performance in Ecuador



nPerf Score (nPoints)



Source : nperf.com

The subscribers of Netlife enjoyed the best fixed Internet performances in Ecuador during 2024.

The nPerf score takes into account the measured speeds and the latency 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

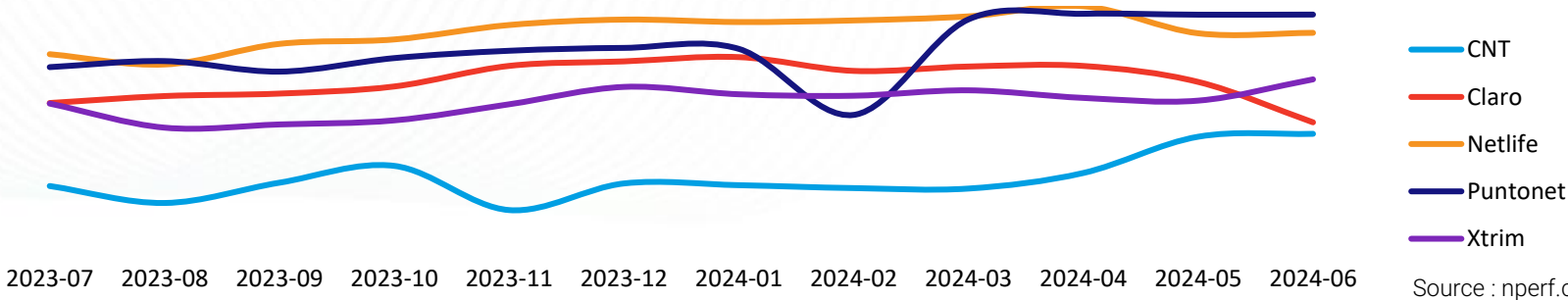


Best fixed Internet performance in 2024



Source : nperf.com

nPerf score evolution over the year (average)



Source : nperf.com

