

01/24/2025

Barometer of mobile Internet connections in Greece

01/01/2024 - 12/31/2024



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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.



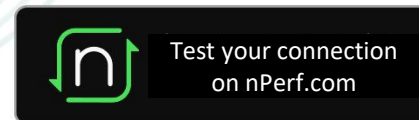
26Md+ coverage
scans in total.



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 Cosmote enjoyed the best mobile Internet performances in 2024.

Mobile Internet connections in Greece

	Cosmote	Nova	Vodafone
▼ Download bitrates (Mb/s)	138,86	49,50	72,39
▲ Upload bitrates (Mb/s)	20,61	12,09	18,88
◀▶ Latency (ms)	42,87	38,27	32,39
🌐 Web browsing (%)	57,59	48,12	58,48
📺 Youtube streaming (%)	83,48	79,91	84,28
📊 nPerf Score (nPoints)	85 440	65 759	82 302

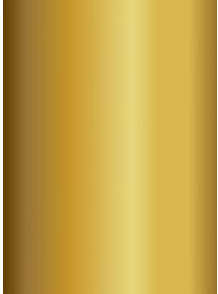
Source : nperf.com



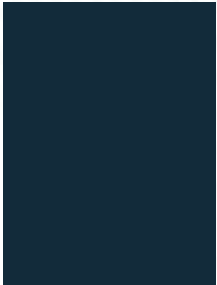
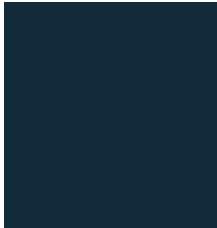
Best mobile Internet performance
in 2024



Source : nperf.com









NOVA



Source : nperf.com

The subscribers of Cosmote enjoyed the best 5G Internet performances in Greece in 2024.

5G mobile Internet connections in Greece

	Cosmote	Nova	Vodafone
 Download bitrates (Mb/s)	222,80	94,79	123,86
 Upload bitrates (Mb/s)	28,01	23,02	27,08
 Latency (ms)	38,33	34,22	31,80
 Web browsing (%)	64,09	52,51	65,29
 Youtube streaming (%)	84,83	81,70	86,04
 nPerf Score (nPoints)	98 994	80 567	96 054

Source : nperf.com

Introduction

In 2024, the mobile sector in Greece has seen significant shifts, with Cosmote emerging as a new sector leader. This change marks a departure from the previous year's leadership. The focus on 5G technology has been a central aspect of this transition, with Cosmote leading the charge in this category. As we look into the key performance indicators (KPIs), Cosmote has demonstrated superior performance in both download and upload speed, while Vodafone has maintained its lead in latency. The competitive landscape showcases Cosmote as the global sector winner for the current year, indicating a dynamic and evolving sector.

Cosmote: Leader of the sector with Exceptional Performance

For the period analyzed, Cosmote stands out as the sector leader with an impressive Score nPerf. Cosmote dominates in the download and upload speed categories, showcasing significant improvements. The operator also excels in 5G focus, underscoring its strong position in the latest mobile technologies. With a remarkable improvement in its overall score by 14.5%, Cosmote significantly contributes to the competitive landscape of the Greek mobile sector.

Vodafone: Excellence in Latency and Co-leader in Browsing

Vodafone continues to excel with its outstanding performance in latency, maintaining its lead from the previous year. The operator also shares the lead in browsing with Cosmote, illustrating its strength in providing a seamless user experience. Vodafone's contribution to the sector is further highlighted by a noteworthy 10.8% improvement in its overall score. Its focus on 5G remains strong,

securing its position as a key player in the mobile internet sector.

Nova: Solid in Video Streaming

Nova, while not a sector leader, shows solid in the video streaming category. The operator's performance is marked by a high streaming score, indicating its capability to deliver quality video content. Nova's competitive edge is further supported by its solid performance in other KPIs, contributing to the diverse offerings in the Greek mobile sector.

Conclusion

Cosmote emerges as the new sector leader for the period Q1 2024 to Q4 2024, excelling in download and upload speed as well as 5G focus. Vodafone remains a strong competitor with its leadership in latency and co-leadership in browsing. Nova distinguishes itself in video streaming. The Greek mobile sector continues to thrive with robust competition and technological advancements, promising a positive outlook for the future.

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 main 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

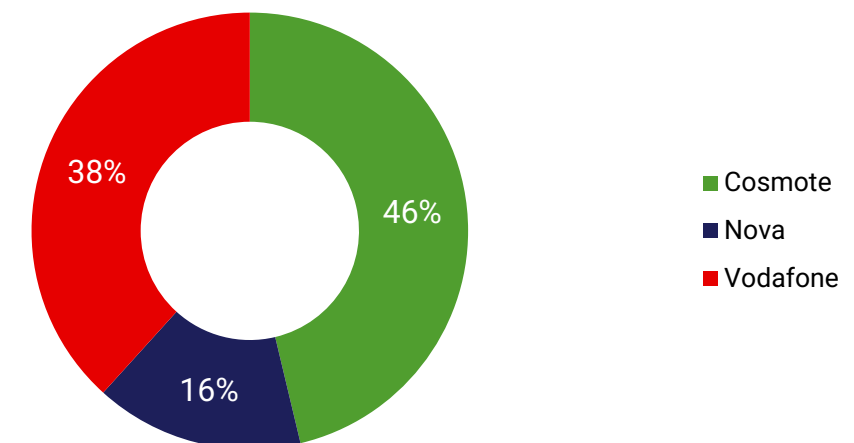
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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% 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.

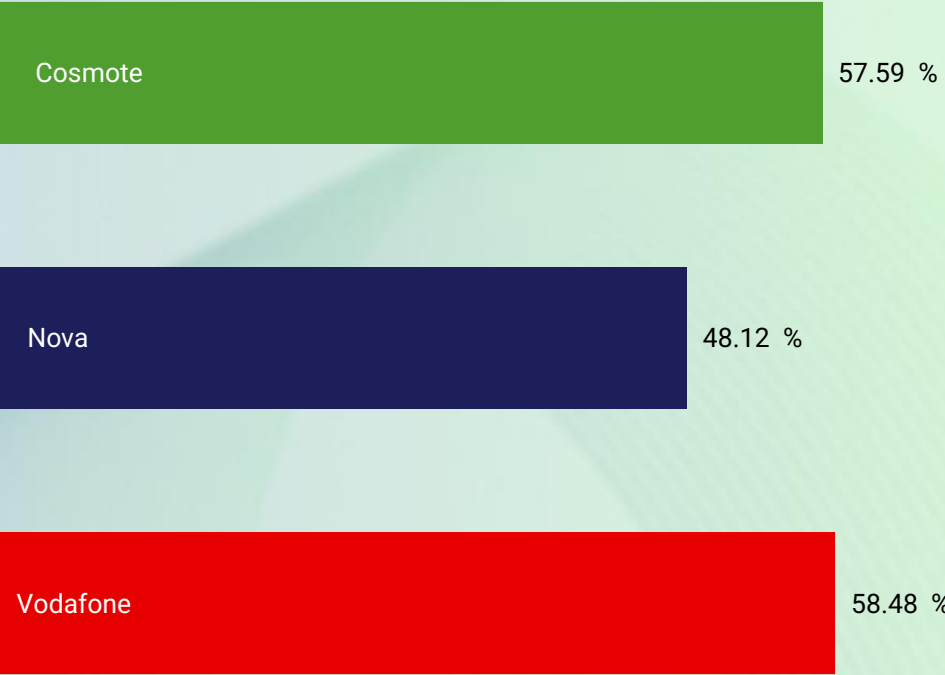
Overall distribution of the tests per provider (ISPs Share)



Source : nperf.com



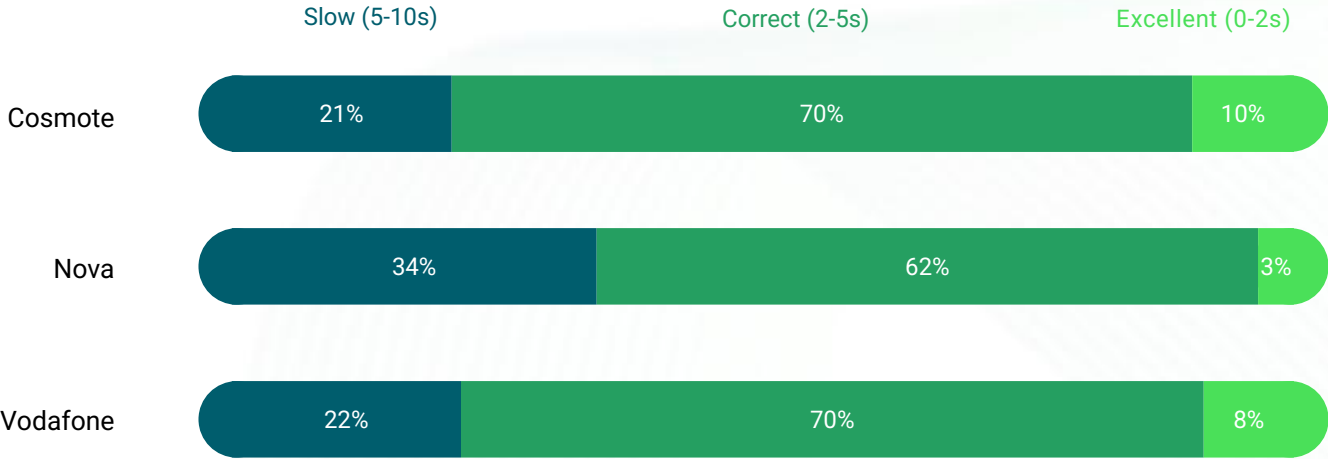
Browsing Performance rate (average)



Source : nperf.com

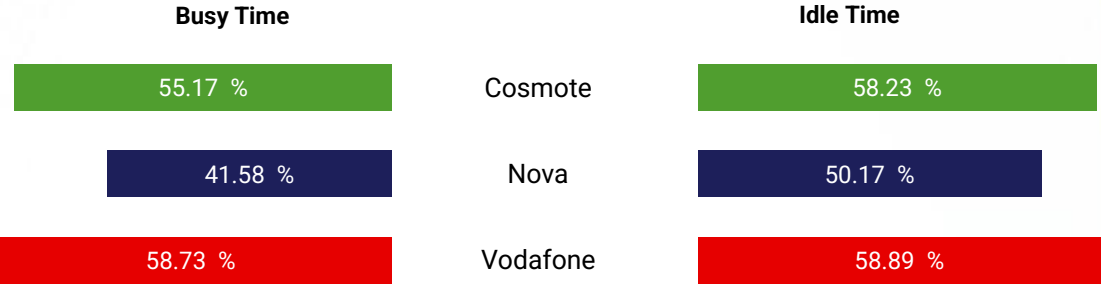
The subscribers of Cosmote and Vodafone enjoyed the best mobile Internet Internet browsing performance in 2024.

Browsing Performance results ventilation (average)



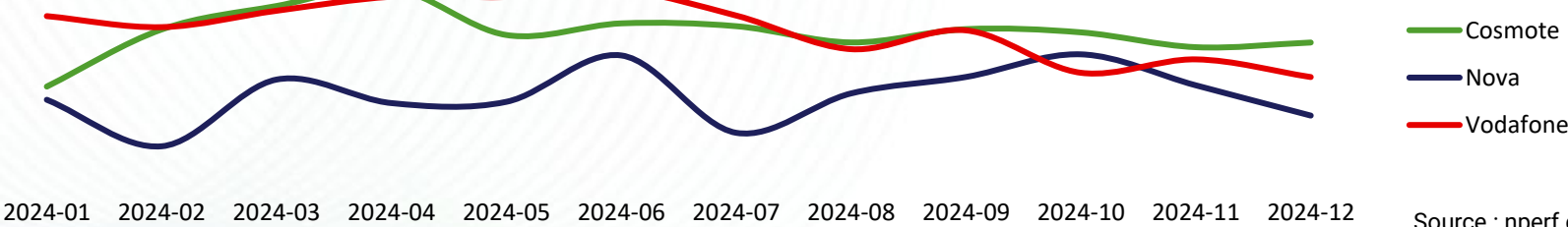
Source : nperf.com

Browsing Performance rate (average)



Source : nperf.com

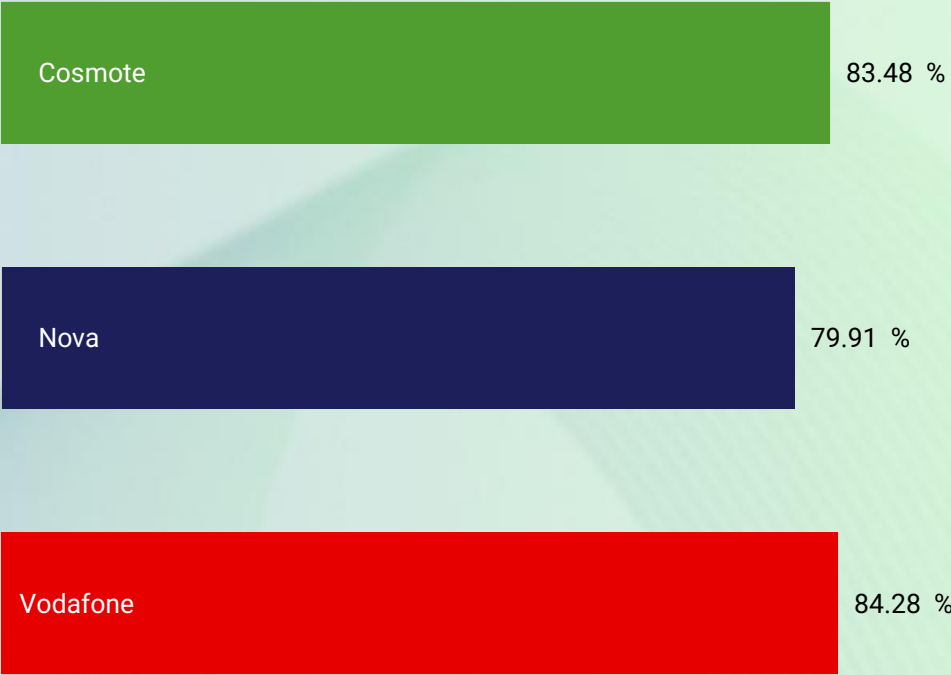
Browsing performance rate (average) evolution over the year



Source : nperf.com



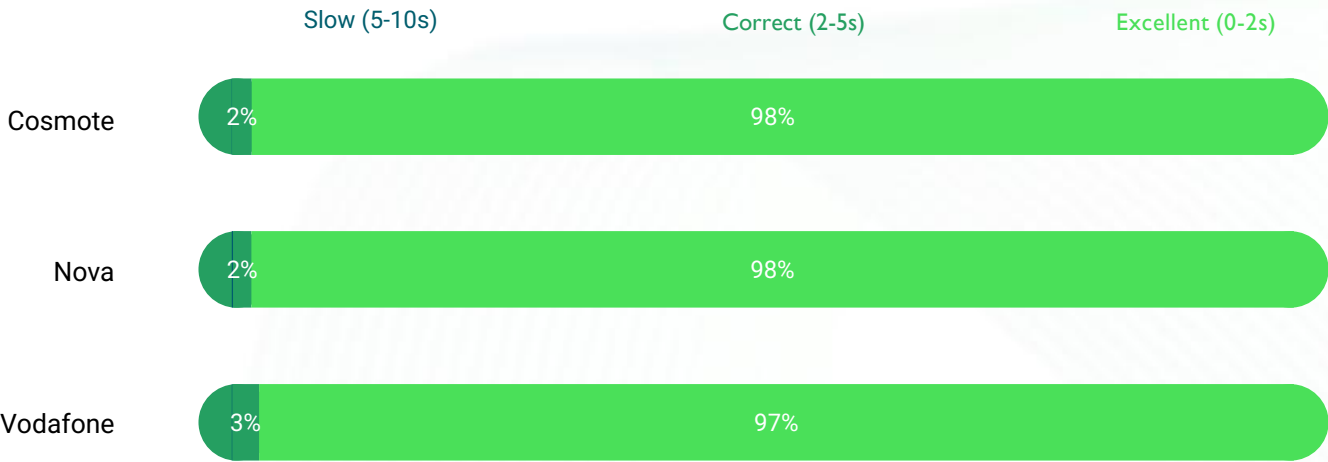
Streaming Performance rate (average)



Source : nperf.com

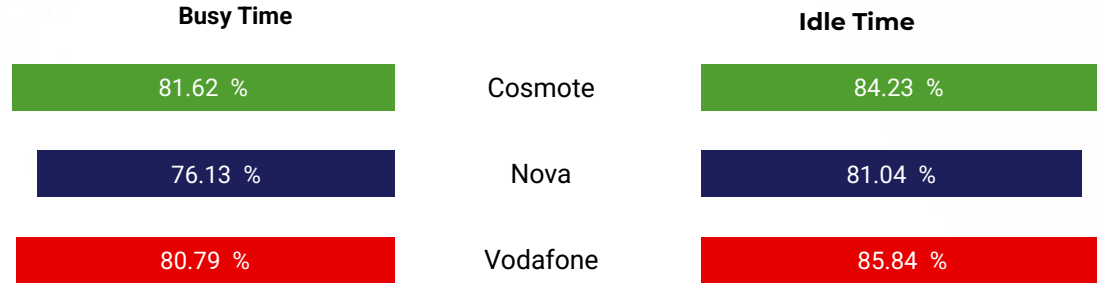
The subscribers of Cosmote and Vodafone enjoyed the best mobile Internet streaming performance in 2024.

Streaming Performance results ventilation (average)



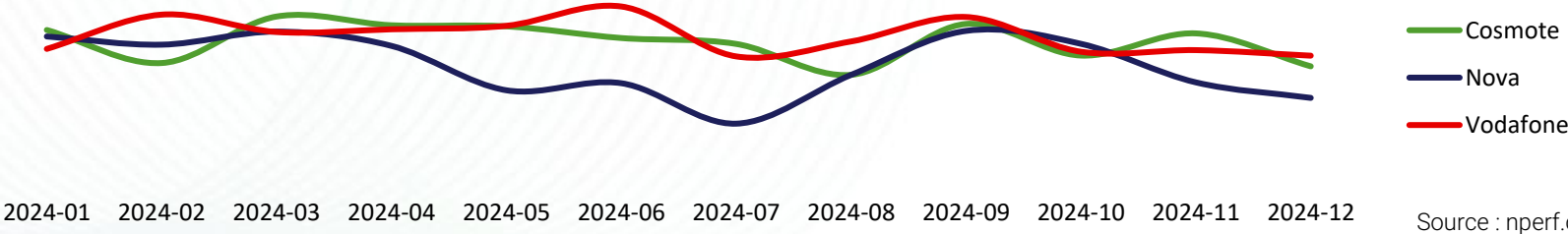
Source : nperf.com

Streaming Performance rate (average)



Source : nperf.com

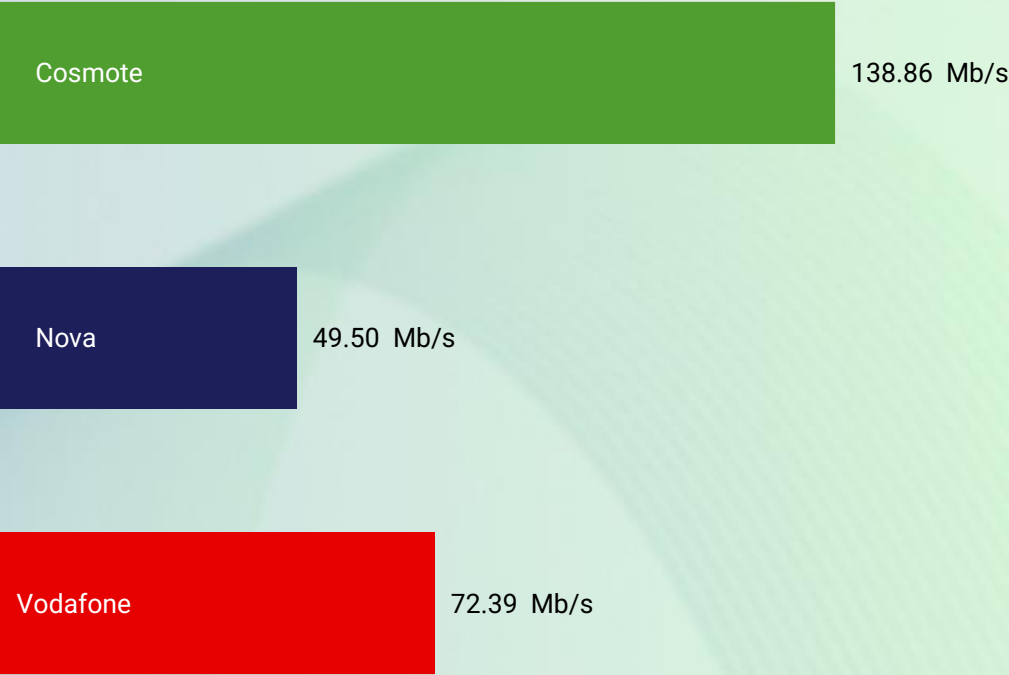
Streaming performance rate (average) evolution over the year



Source : nperf.com



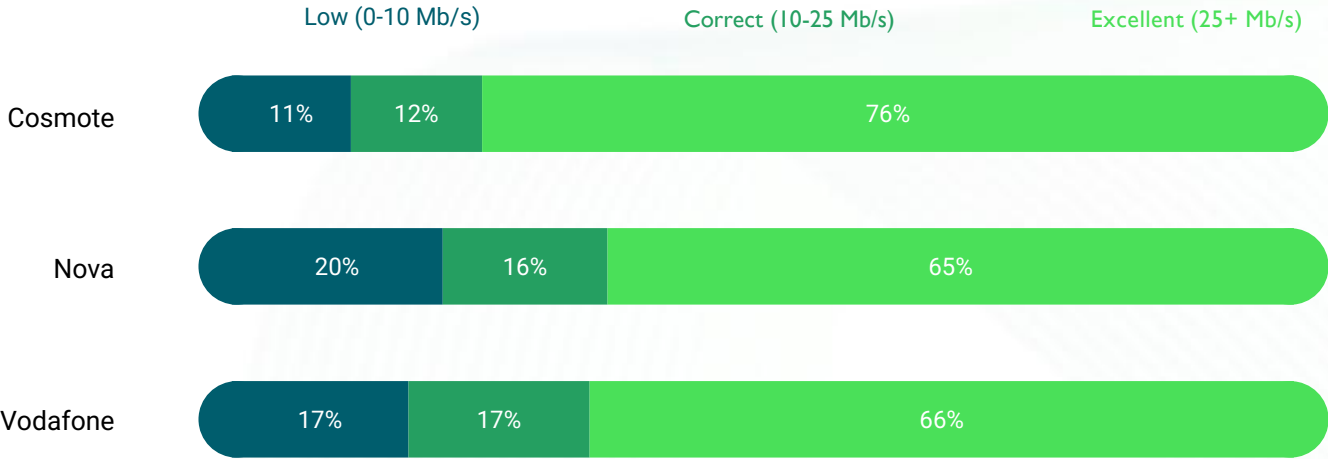
Download Speed (average)



Source : nperf.com

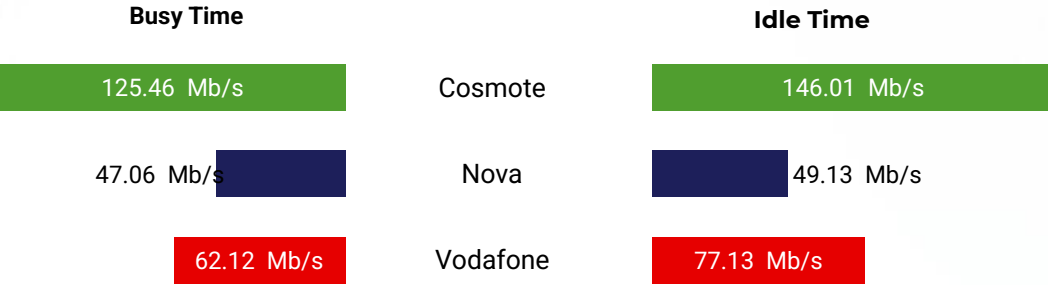
The subscribers of Cosmote enjoyed the best average mobile Internet download speed in 2024.

Download Speed results ventilation (average)



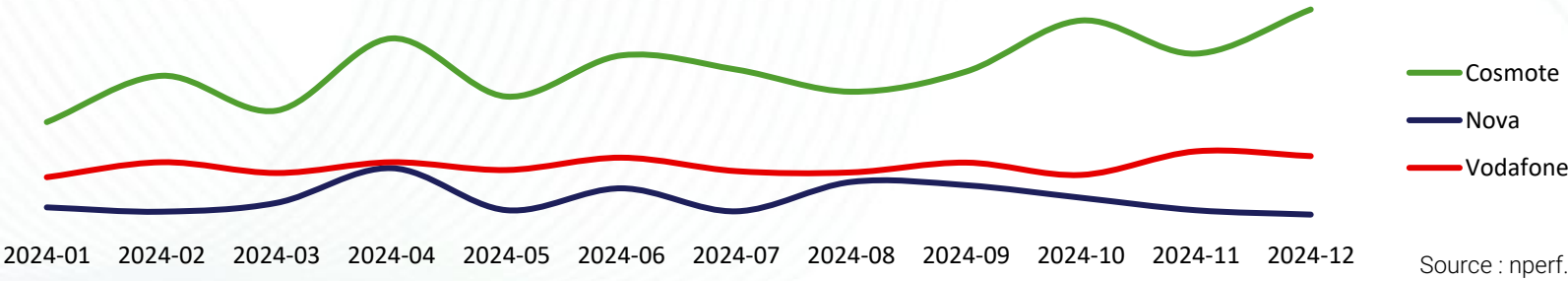
Source : nperf.com

Download Speed (average)



Source : nperf.com

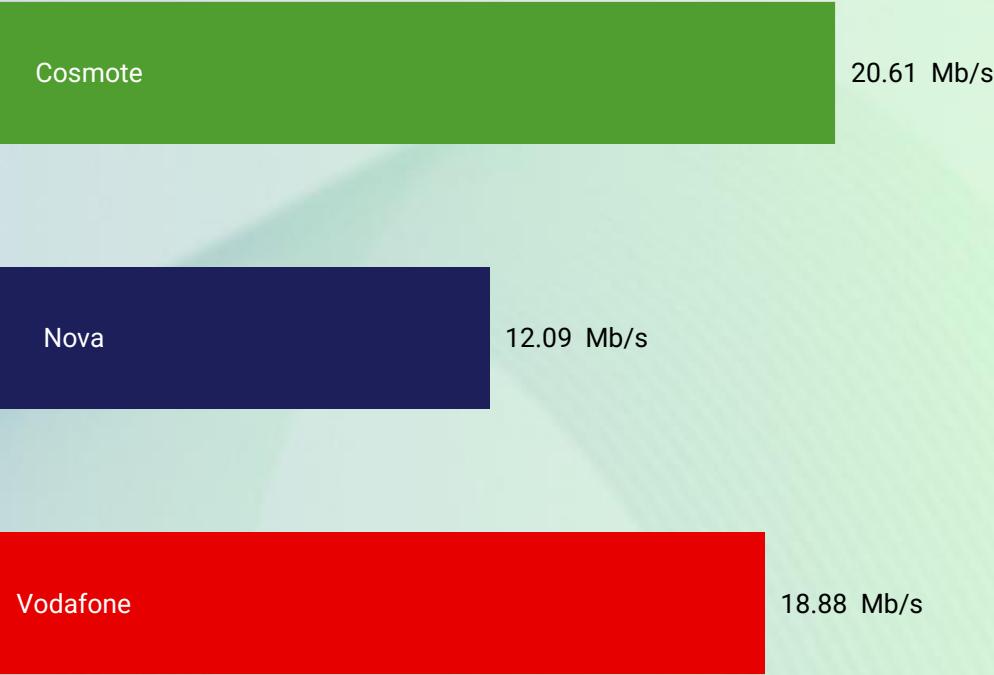
Download Speed evolution over the year (average)



Source : nperf.com



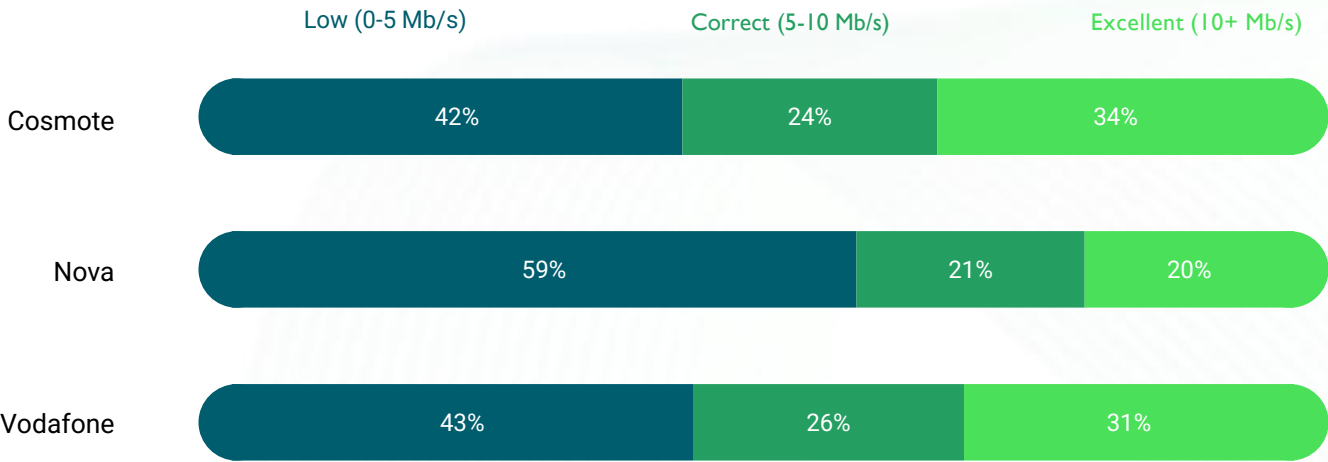
Upload Speed (average)



Source : nperf.com

The subscribers of Cosmote enjoyed the best average mobile Internet upload speed in2024.

Upload Speed results ventilation (average)



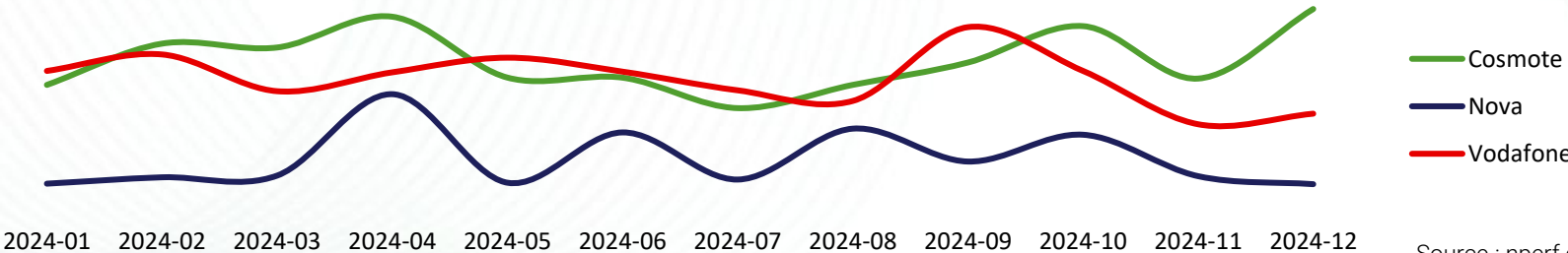
Source : nperf.com

Upload Speed (average)



Source : nperf.com

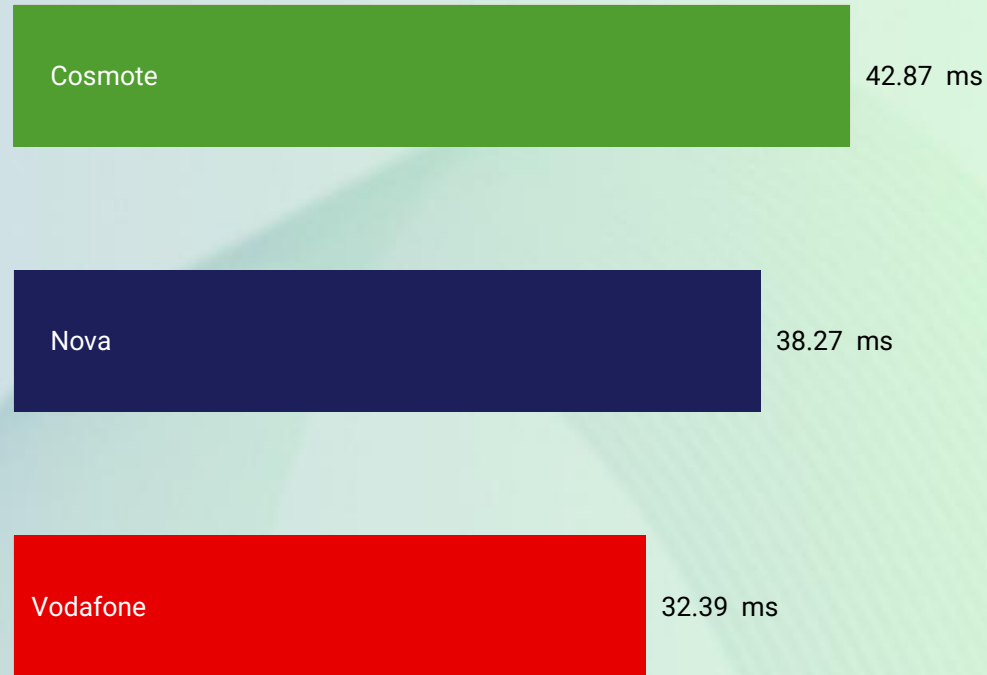
Upload Speed evolution over the year (average)



Source : nperf.com



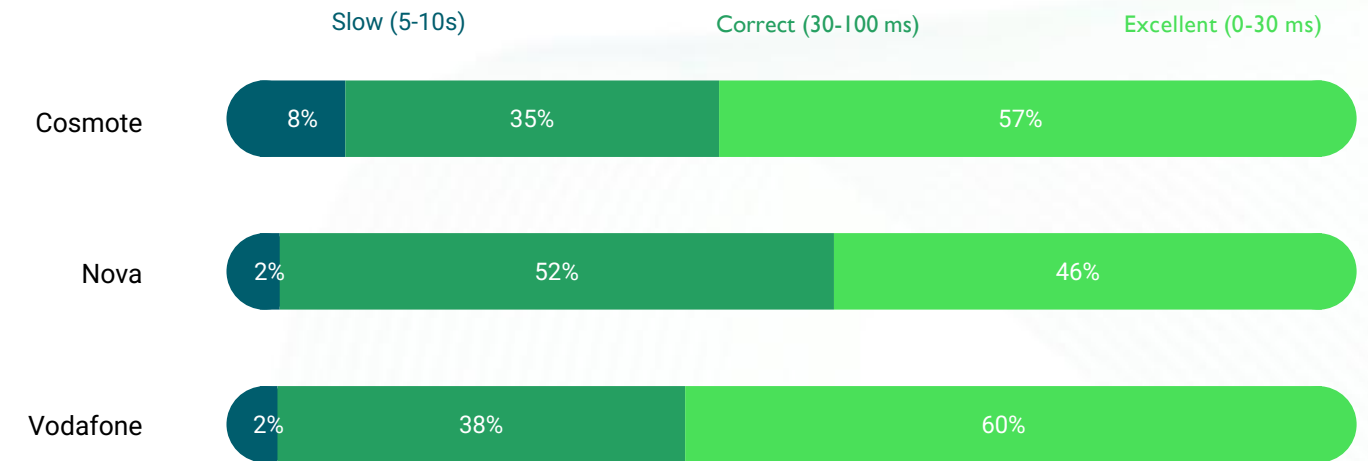
Latency Speed (average)



Source : nperf.com

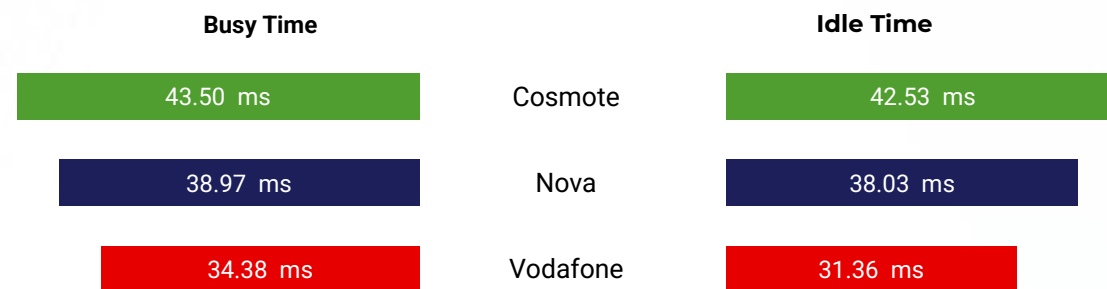
The subscribers of Vodafone enjoyed the best average mobile Internet latency speed in 2024.

Latency Speed results ventilation (average)



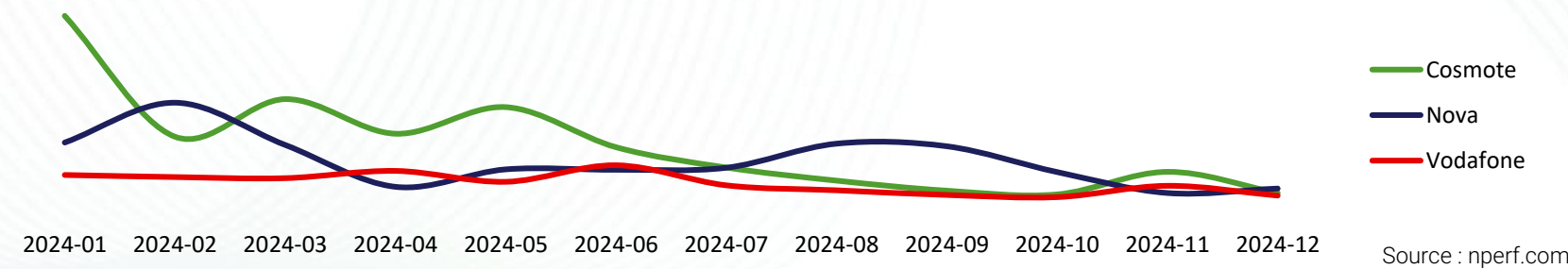
Source : nperf.com

Latency Speed (average)



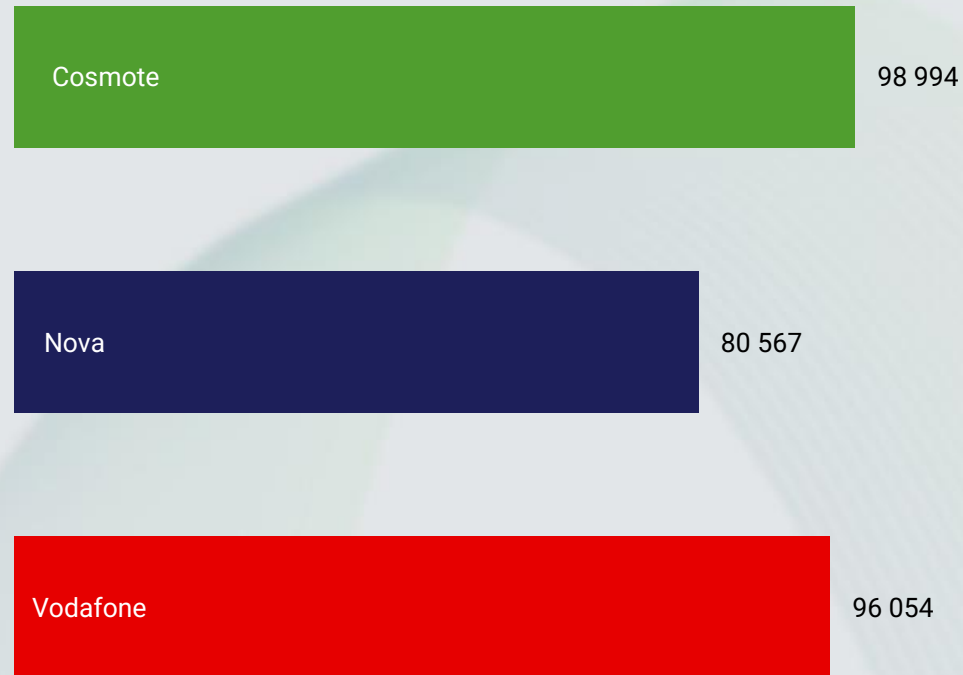
Source : nperf.com

Latency Speed evolution over the year (average)



Source : nperf.com

nPerf Score (nPoints)



Source : nperf.com

The subscribers of Cosmote enjoyed the best 5G Internet performances in 2024.

- Best performances 5G: Cosmote
- Best web browsing performances 5G: Cosmote and Vodafone
- Best video streaming performances 5G: Cosmote and Vodafone
- Fastest performances (Download) 5G: Cosmote
- Fastest performances (Upload) 5G: Cosmote
- 5G connections with the lowest latency: Vodafone

Source : nperf.com

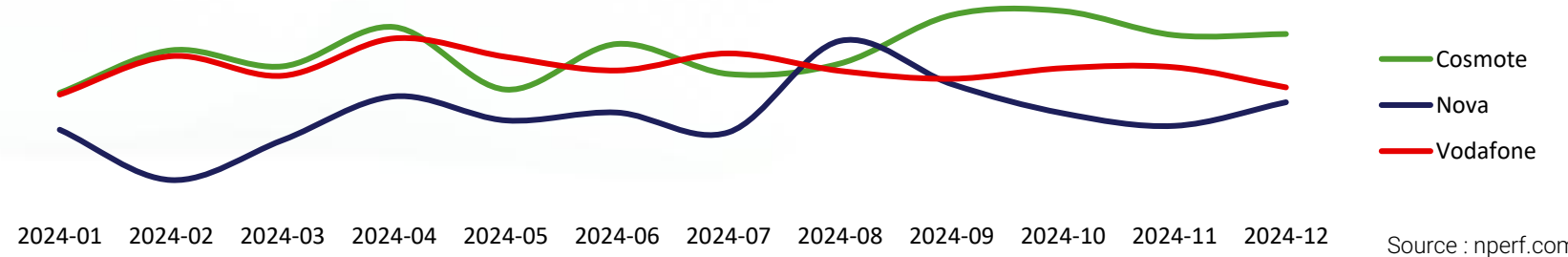


NOVA



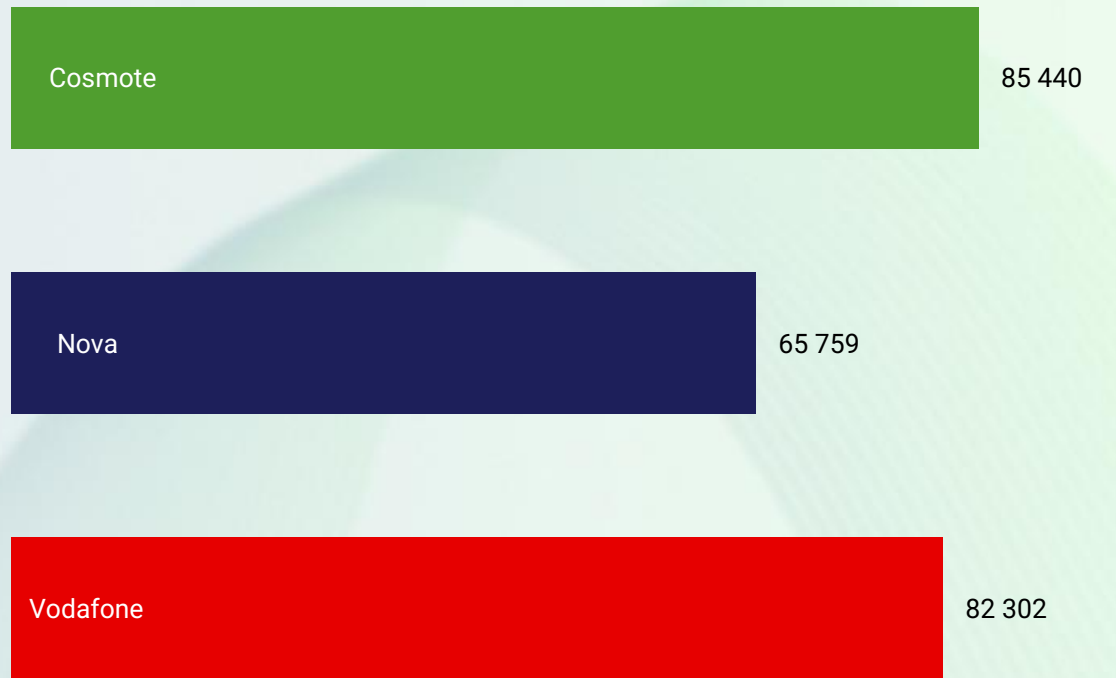
Source : nperf.com

nPerf score evolution over the year (average)



Source : nperf.com

nPerf Score (nPoints)

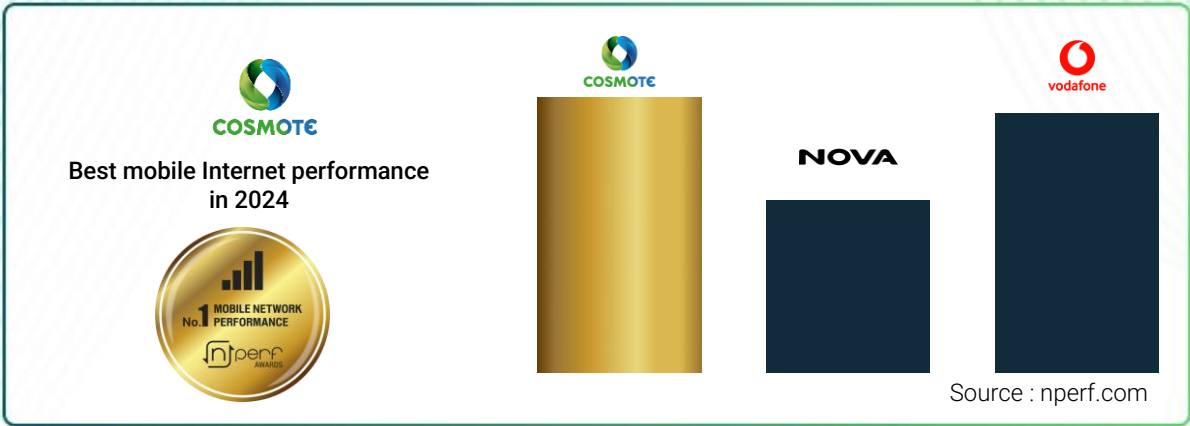


Source : nperf.com

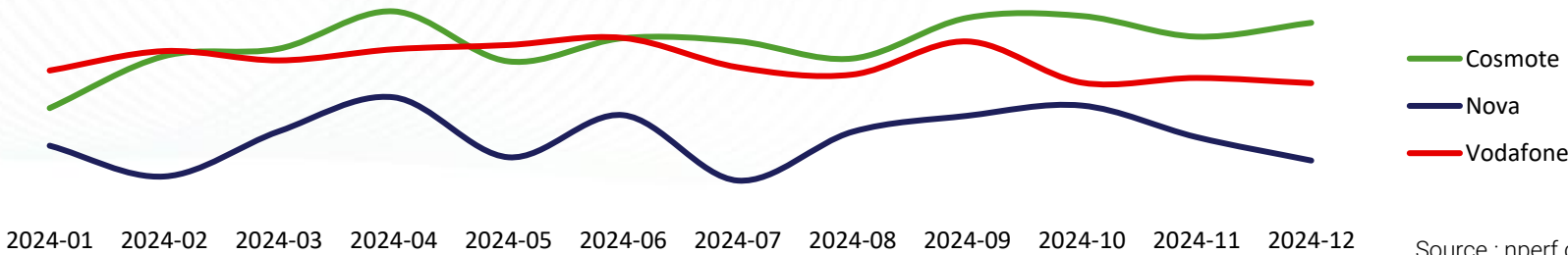
The subscribers of Cosmote enjoyed the best mobile Internet performances in 2024.

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)



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 overlap, forming a complex, organic pattern that flows across the entire frame. The lines are most prominent in the center and fade slightly towards the edges.

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