



Barometer of fixed Internet connections in Bulgaria

01/01/2025 - 12/31/2025



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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.



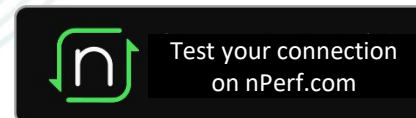
26Md+ coverage scans in total.



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 Vivacom enjoyed the best Fixed Internet performances in 2025 in Bulgaria.

Fixed Internet performance in Bulgaria

	A1	Vivacom
Download bitrates (Mb/s)	96.89	122.13
Upload bitrates (Mb/s)	57.57	96.55
Latency (ms)	35.85	25.28
Web browsing (%)	76.62	75.00
Youtube streaming (%)	81.02	79.69
nPerf Score (nPoints)	99 897	109 175

Source : nPerf.com



Best Fixed Internet performance in 2025




Source : nPerf.com



Source : nPerf.com

The subscribers of Vivacom enjoyed the best WIFI Internet in 2025 in Bulgaria.


Fixed Internet performance in Bulgaria

	A1	<u>Vivacom</u>
▼ Download bitrates (Mb/s)	86.62	110.73
▲ Upload bitrates (Mb/s)	48.80	90.69
◀▶ Latency (ms)	38.65	25.44
🌐 Web browsing (%)	77.39	75.82
📺 Youtube streaming (%)	81.71	80.69
 nPerf Score (nPoints)	97 291	108 774

Source : nPerf.com

The subscribers of Vivacom enjoyed the best FTTH Internet in 2025 in Bulgaria.

Fixed Internet performance in Bulgaria

	A1	<u>Vivacom</u>
▼ Download bitrates (Mb/s)	266.43	341.18
▲ Upload bitrates (Mb/s)	205.49	281.40
◀▶ Latency (ms)	24.70	18.61
🌐 Web browsing (%)	85.56	82.19
📺 Youtube streaming (%)	86.47	85.94
 nPerf Score (nPoints)	137 468	144 061

Source : nPerf.com

The Bulgarian fixed Internet sector displays an average score of 104,536 nPoints. Vivacom leads with 109,175 nPoints and dominates on download speed, upload speed, and latency. The sector is characterized by strong competition on user experience indicators, with both operators delivering solid performances across all metrics.

Vivacom: a consolidated leadership position

Vivacom leads the sector with 109,175 nPoints and claims first place on WiFi and FTTH technologies. The operator dominates download speed with 122.13 Mbps, ideal for HD streaming, and leads upload speed with 96.55 Mbps, ensuring quality video conferencing. With the best latency of 25.28 ms, it guarantees optimal performance for online gaming and real-time communications. The operator ranks second in browsing (75.00%) and video streaming (79.69%).

A1: competitive user experience

A1 ranks second with 99,897 nPoints and leads browsing with 76.62%, ensuring fast and fluid web navigation. The operator claims first place in video streaming with 81.02%. A1 delivers solid performances on upload speed (57.57 Mbps, 2nd place) and positions itself competitively on download speed (96.89 Mbps, 2nd place).

Vivacom consolidates its leadership with balanced performances across all indicators. The sector shows intense competition on user experience, with A1 leading on browsing and video streaming. Bulgarian users benefit from high-quality offers, particularly suited for streaming and video conferencing.

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

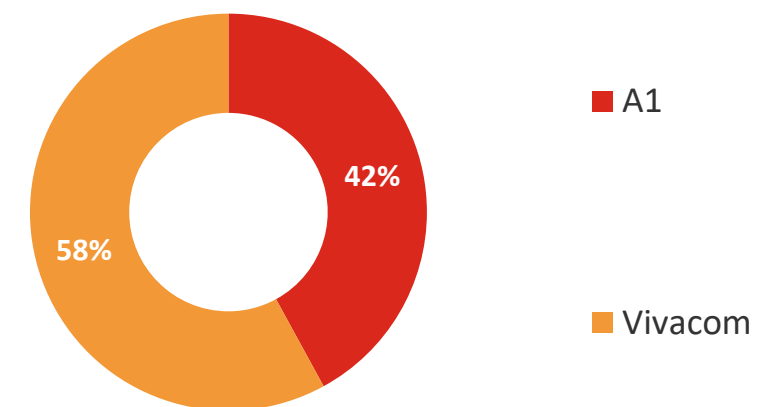
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.4% 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



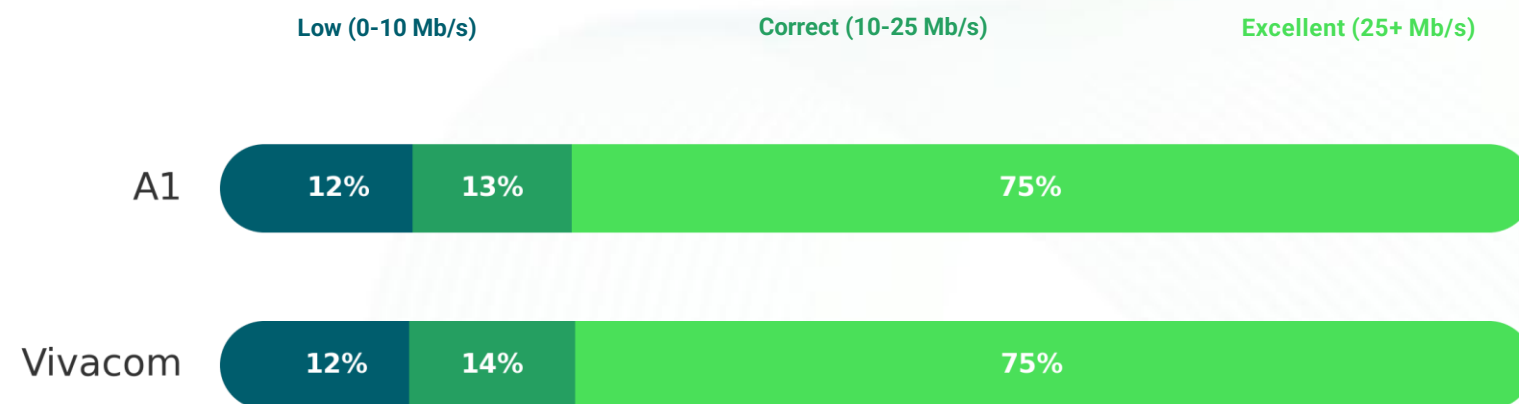
Download Speed (average)



Source : nPerf.com

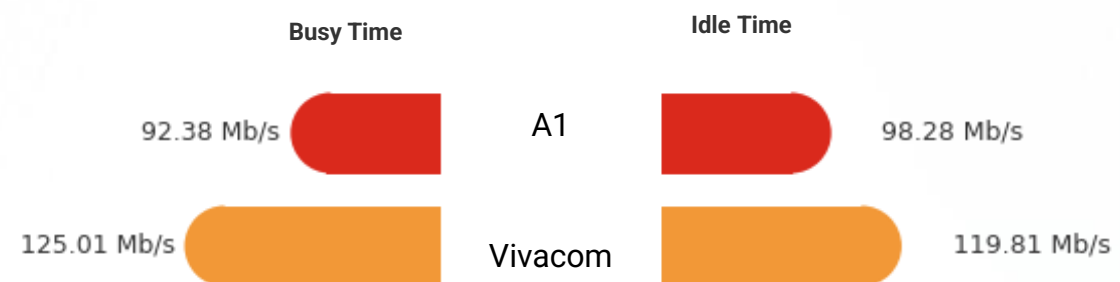
The subscribers of Vivacom enjoyed the best Fixed Internet Download Speed in 2025.

Download Speed results ventilation (average)



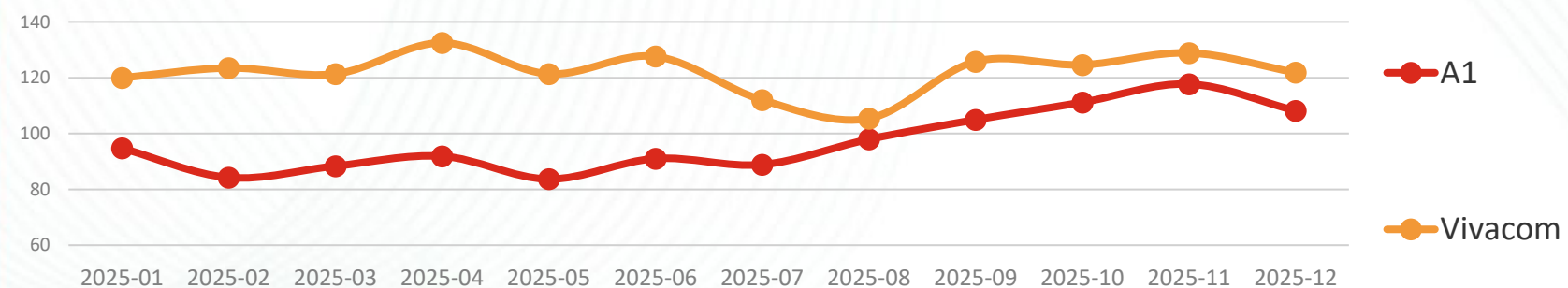
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

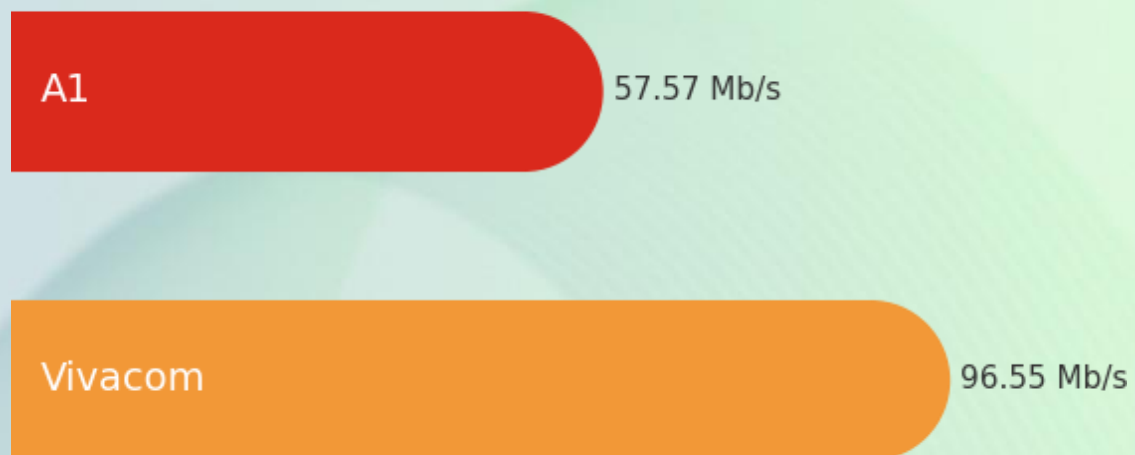
Download Speed evolution over the year (average)



Source : nPerf.com



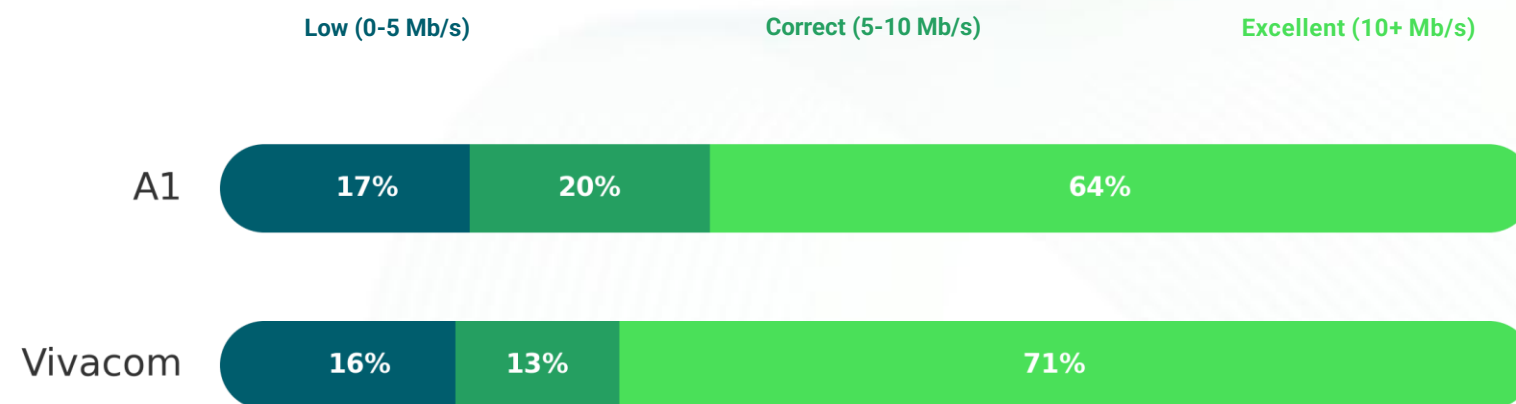
Upload Speed (average)



Source : nPerf.com

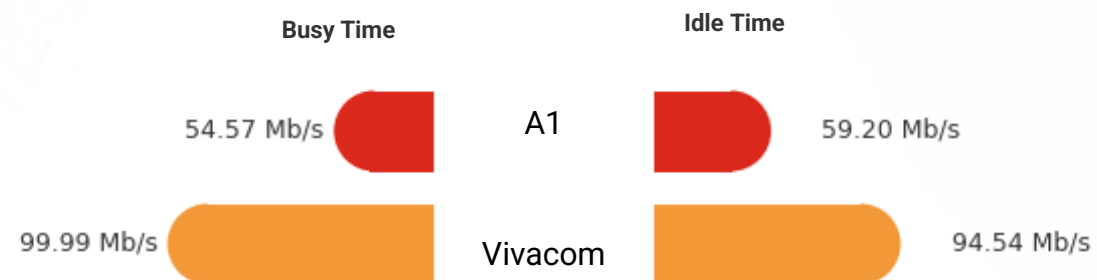
The subscribers of Vivacom enjoyed the best Fixed Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



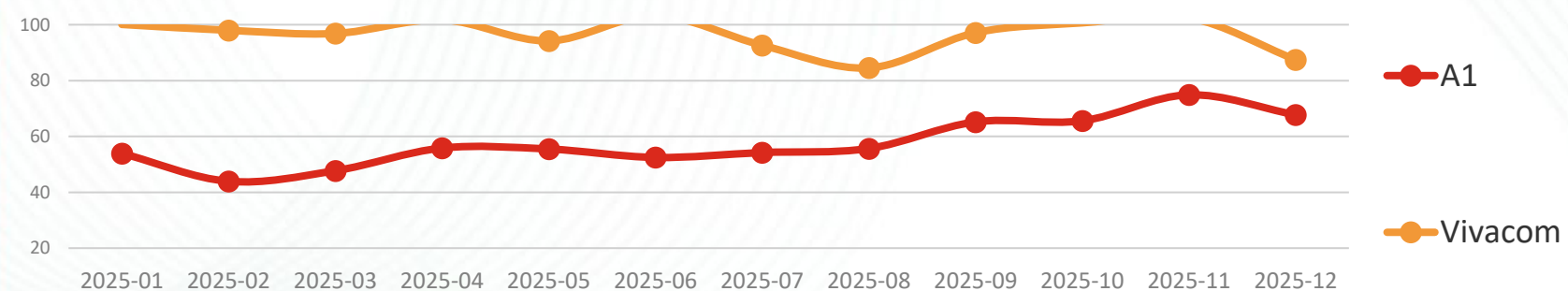
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

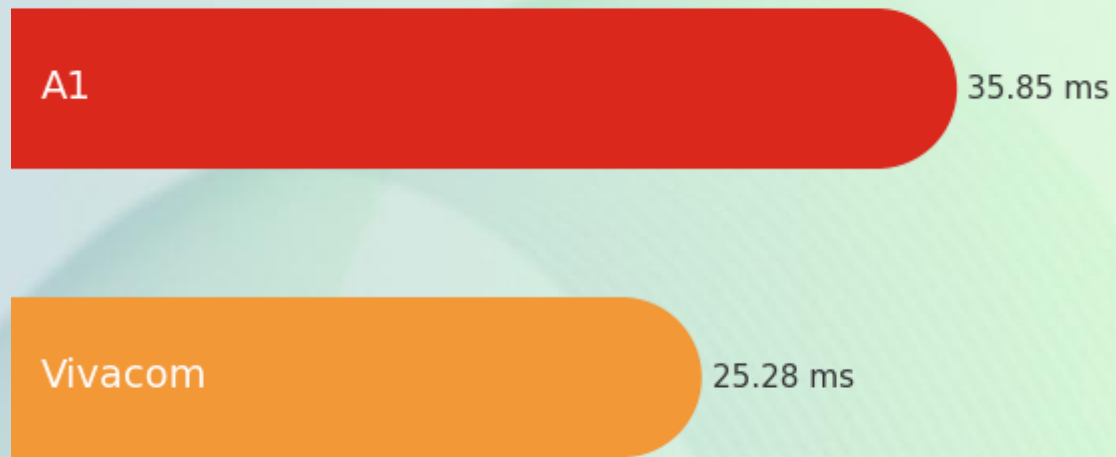
Upload Speed evolution over the year (average)



Source : nPerf.com



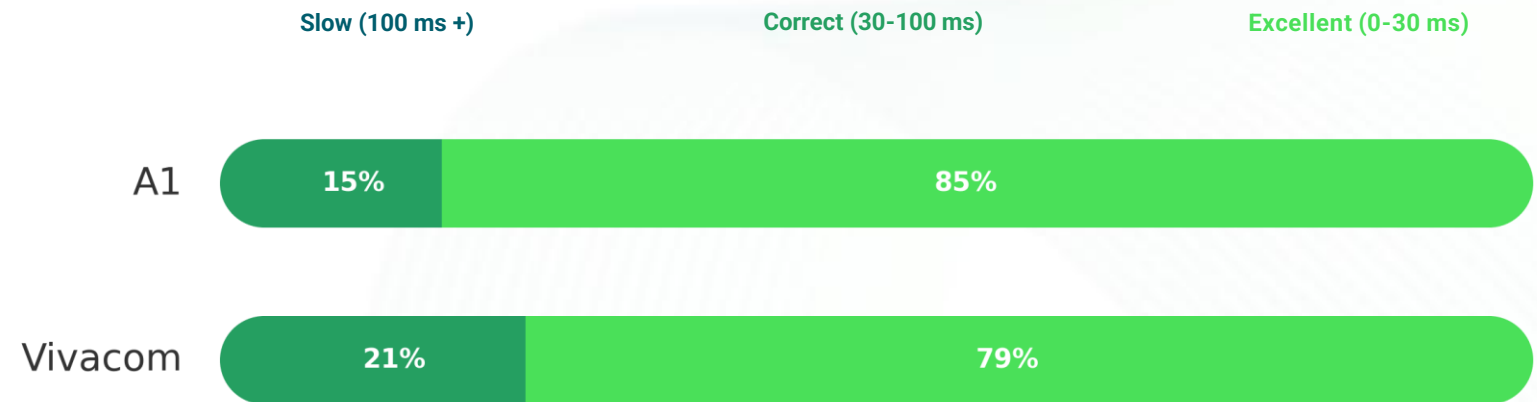
Latency (average)



Source : nPerf.com

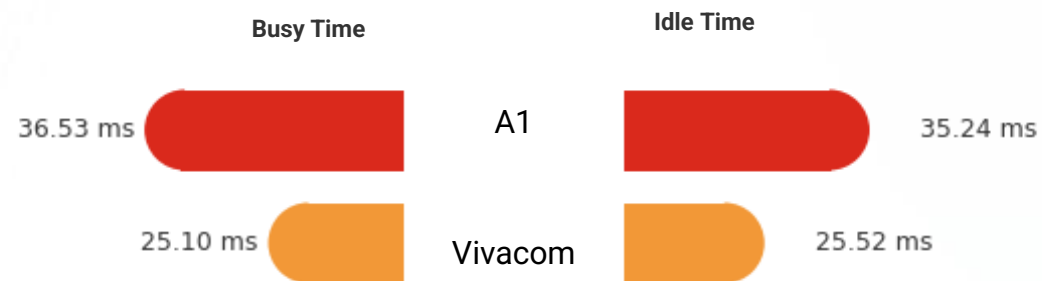
The subscribers of Vivacom enjoyed the best Fixed Internet Latency in 2025.

Latency results ventilation (average)



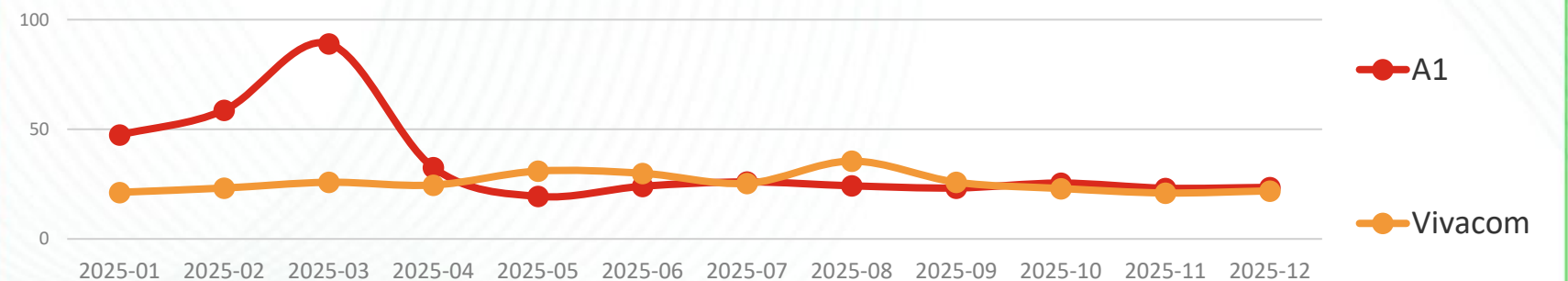
Source : nPerf.com

Latency (average)



Source : nPerf.com

Latency evolution over the year (average)



Source : nPerf.com



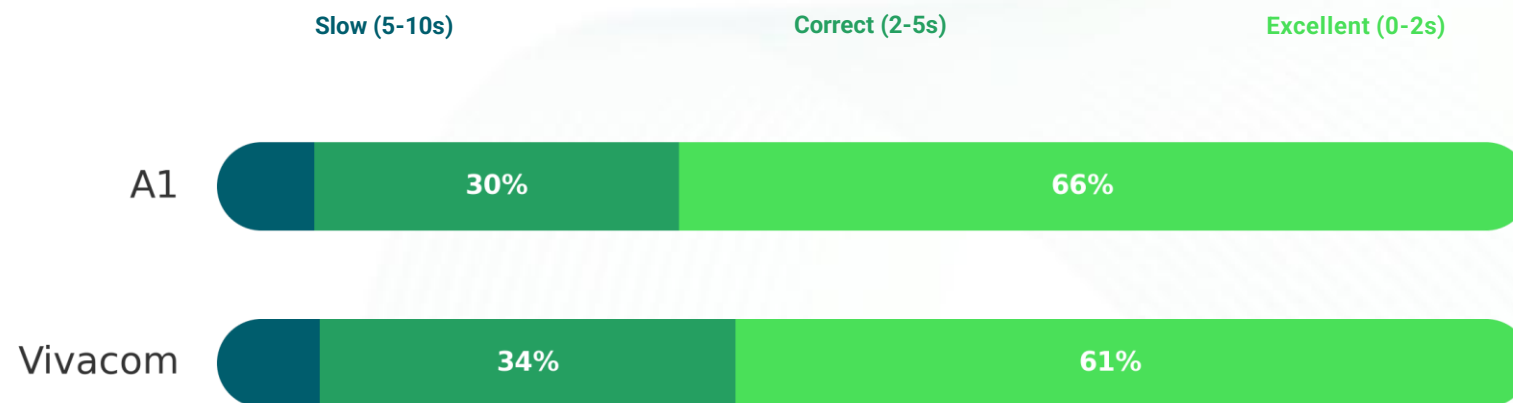
Browsing Performance (average)



Source : nPerf.com

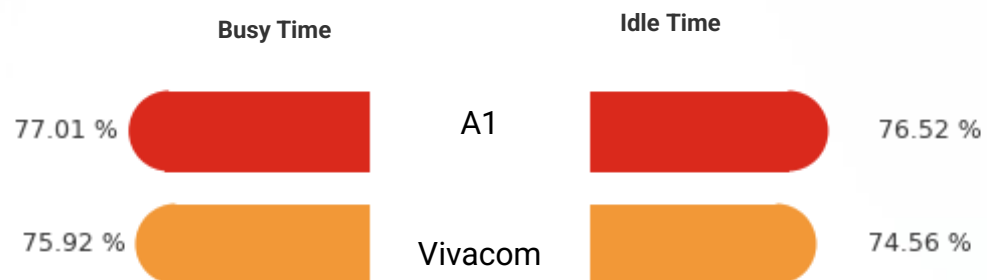
The subscribers of A1 enjoyed the best Fixed Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



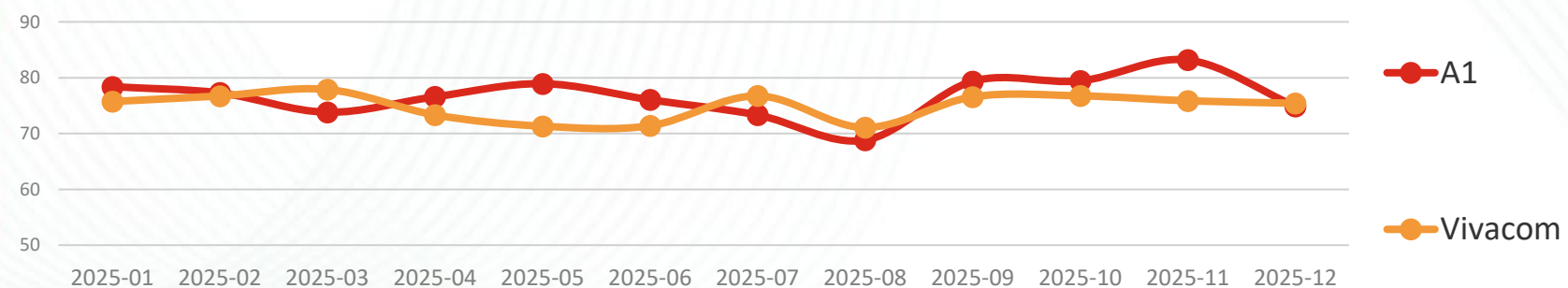
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



Source : nPerf.com



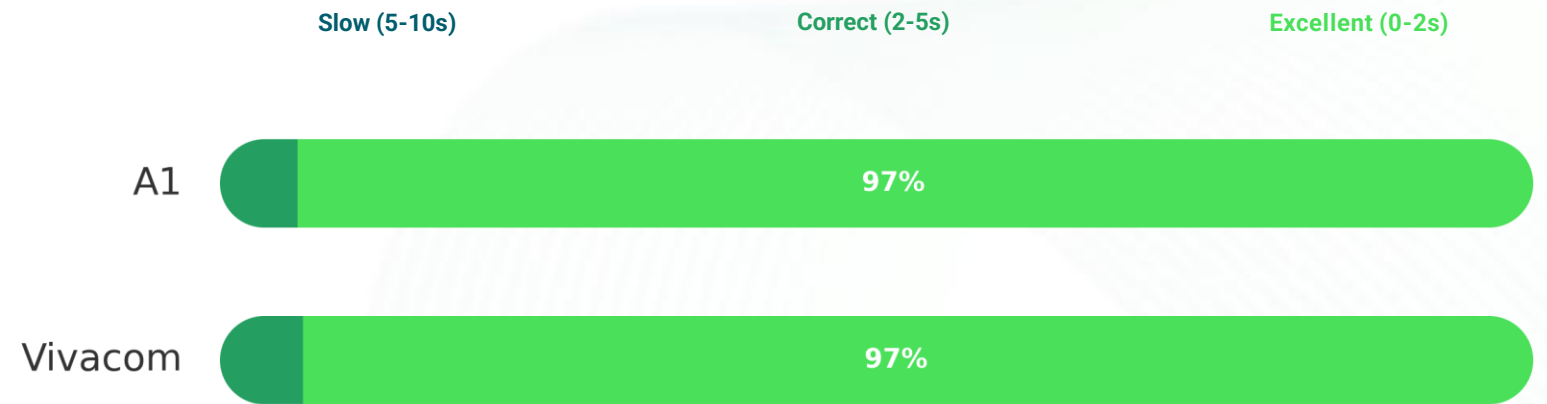
Streaming Performance (average)



Source : nPerf.com

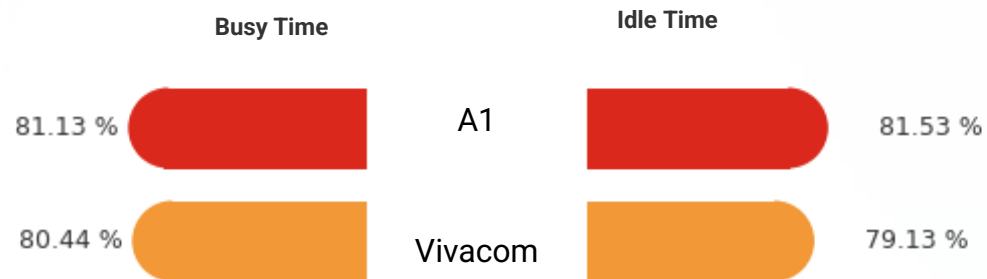
The subscribers of A1 enjoyed the best Fixed Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



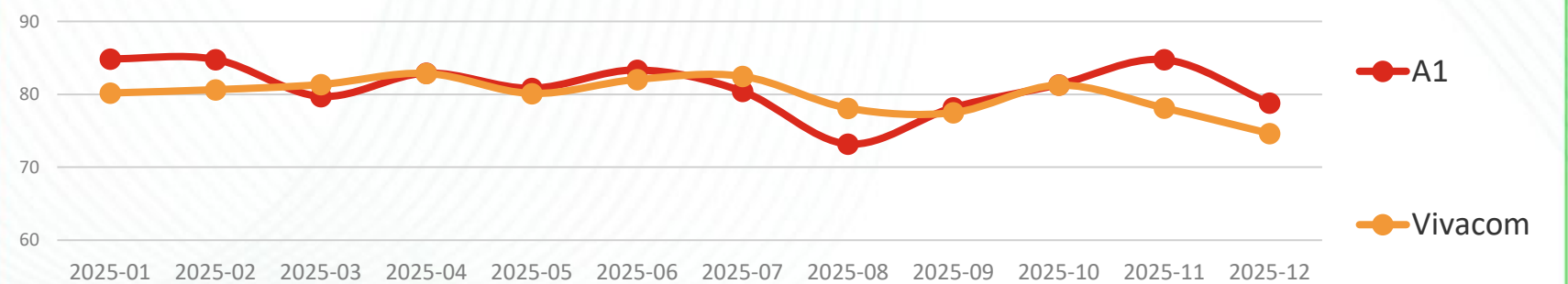
Source : nPerf.com

Streaming Performance (average)



Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Vivacom enjoyed the best WIFI Internet in 2025.

Best performances WIFI: Vivacom

Fastest performances (Download Speed) WIFI: Vivacom

Fastest performances (Upload Speed) WIFI: Vivacom

WIFI connections with the lowest latency: Vivacom

Best web browsing performances WIFI: A1

Best streaming performances WIFI: A1

Source : nPerf.com

A1

VIVACOM



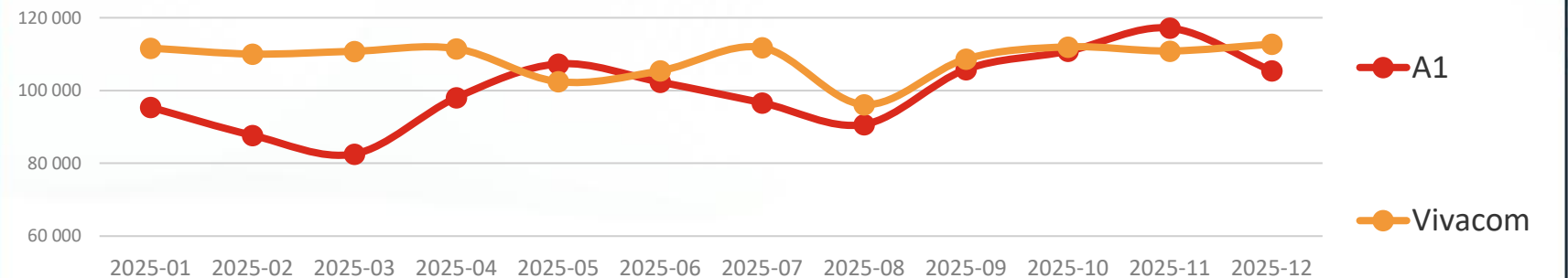
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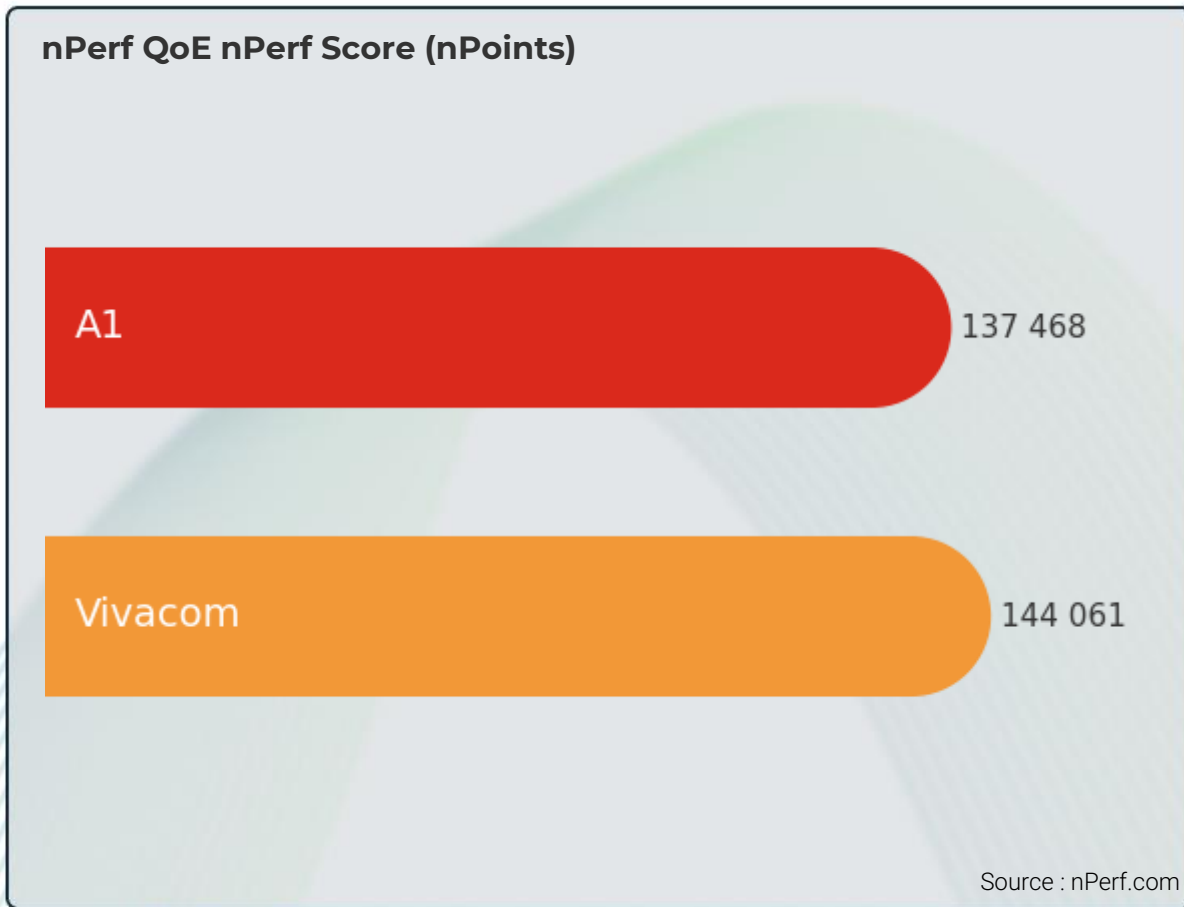
1

Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)

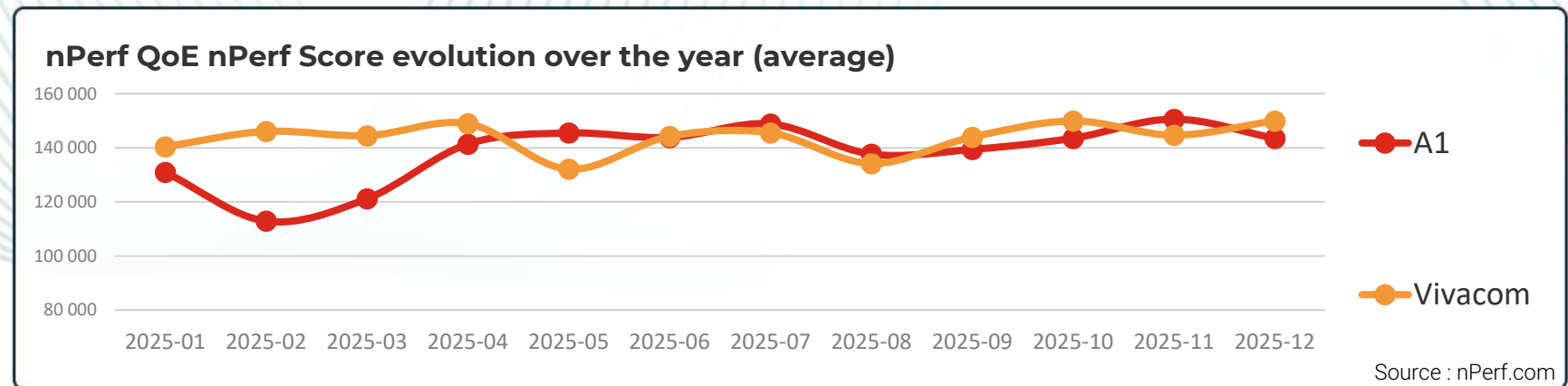
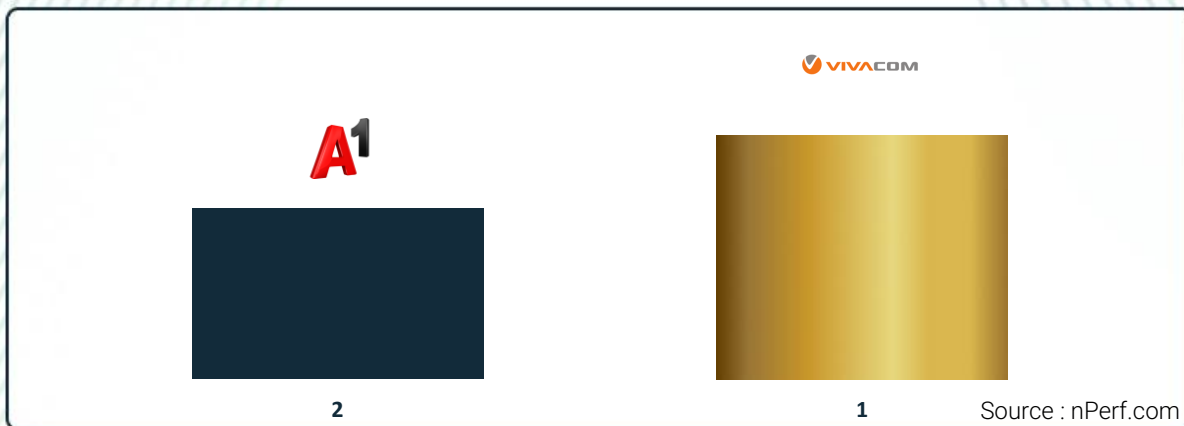


Source : nPerf.com



The subscribers of Vivacom enjoyed the best FTTH Internet in 2025.

- Best performances FTTH: Vivacom
 - Fastest performances (Download Speed) FTTH: Vivacom
 - Fastest performances (Upload Speed) FTTH: Vivacom
 - FTTH connections with the lowest latency: Vivacom
 - Best web browsing performances FTTH: A1
 - Best streaming performances FTTH: A1 and Vivacom
- Source : nPerf.com





nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Vivacom enjoyed the best Fixed 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



Best Fixed Internet performance in 2025



A1

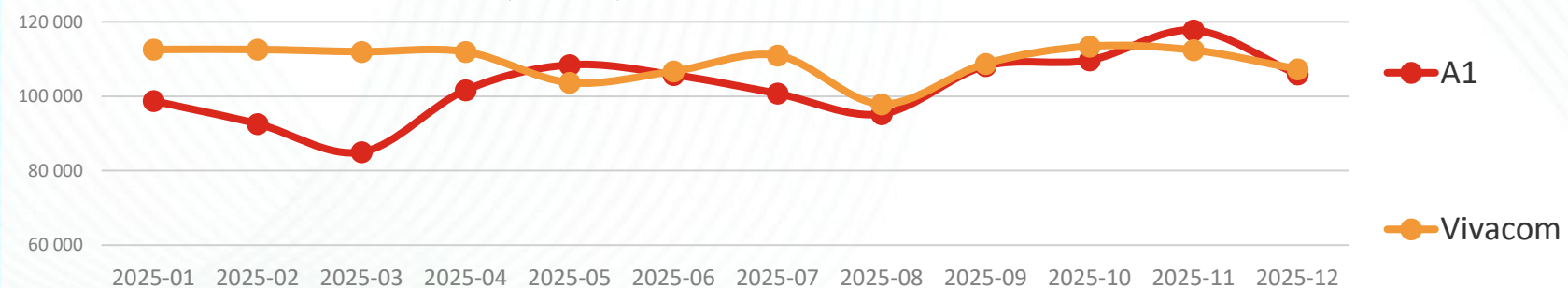


2



1 Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com



We qualify your connection