



Barometer of fixed Internet connections in Ukraine

01/01/2025 - 12/31/2025



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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.

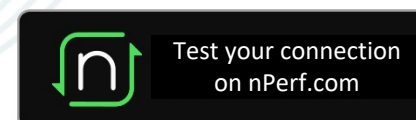
 **300k+** tests daily
worldwide.

 **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 Gbps! Download our app or visit our website!



2. Executive Summary



The subscribers of Vodafone enjoyed the best Fixed Internet performances in 2025 in Ukraine.

Fixed Internet performance in Ukraine

	Kyivstar	<u>Vodafone</u>
▼ Download bitrates (Mb/s)	109.04	200.48
▲ Upload bitrates (Mb/s)	127.79	196.42
◀▶ Latency (ms)	18.32	22.40
🌐 Web browsing (%)	68.64	70.09
🎥 Youtube streaming (%)	78.40	79.66
🏆 nPerf Score (nPoints)	108 417	117 434

Source : nPerf.com



Best Fixed Internet performance
in 2025



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Vodafone enjoyed the best WIFI Internet in 2025 in Ukraine.

Fixed Internet performance in Ukraine

	Kyivstar	<u>Vodafone</u>
 Download bitrates (Mb/s)	69.55	153.71
 Upload bitrates (Mb/s)	88.82	152.34
 Latency (ms)	18.48	21.87
 Web browsing (%)	72.50	74.65
 Youtube streaming (%)	81.15	81.57
 nPerf Score (nPoints)	105 547	118 026

Source : nPerf.com

The subscribers of Kyivstar and Vodafone enjoyed the best FTTH Internet in 2025 in Ukraine.

Fixed Internet performance in Ukraine

	<u>Kyivstar</u>	<u>Vodafone</u>
 Download bitrates (Mb/s)	373.57	401.05
 Upload bitrates (Mb/s)	494.10	410.08
 Latency (ms)	13.12	16.82
 Web browsing (%)	78.71	79.74
 Youtube streaming (%)	85.02	84.29
 nPerf Score (nPoints)	149 334	146 438

Source : nPerf.com

The Ukrainian fixed-line Internet sector achieves an average score of 112,926 nPoints. Vodafone establishes itself as leader with 117,434 nPoints and dominates WiFi, download speed, and video streaming. The sector demonstrates strong competition between the top two operators, with Kyivstar excelling in latency performance.

Vodafone: leadership position secured

Vodafone leads the sector with 117,434 nPoints and records a strong progression of +17.7%. The operator dominates download speed with 200.5 Mbps, ideal for HD streaming, and leads upload speed with 196.4 Mbps, ensuring quality video conferencing. Top performer in WiFi technology and sharing first place ex-aequo with Kyivstar on FTTH, Vodafone delivers comprehensive network performance. The operator also excels in browsing (70.1%) and video streaming (79.7%).

Kyivstar: optimal latency

Kyivstar ranks second with 108,417 nPoints and achieves the best latency in the sector (18.3 ms), perfect for online gaming and real-time communications. The operator shares first place ex-aequo with Vodafone on FTTH technology. With solid performances in upload speed (127.8 Mbps, 2nd place) and download speed (109.0 Mbps, 2nd place), Kyivstar

maintains a competitive position across key indicators.

Vodafone consolidates its leadership with balanced performances across all metrics, particularly on speed indicators. The sector shows healthy competition with both operators delivering high-quality services. Ukrainian users benefit from advanced fiber infrastructure and WiFi technology, supporting demanding applications like video streaming and online collaboration.

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

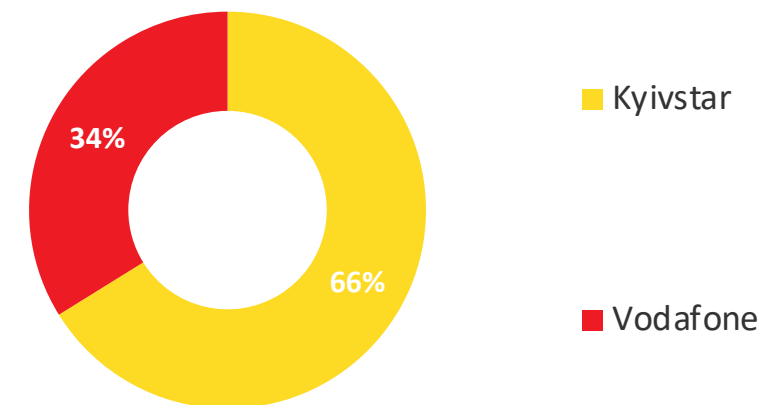
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.3% 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 takes into account 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 Internet service providers with test share above 5%. The chart below shows the overall test distribution for each service provide.

Overall distribution of the tests per provider (ISPs Share)



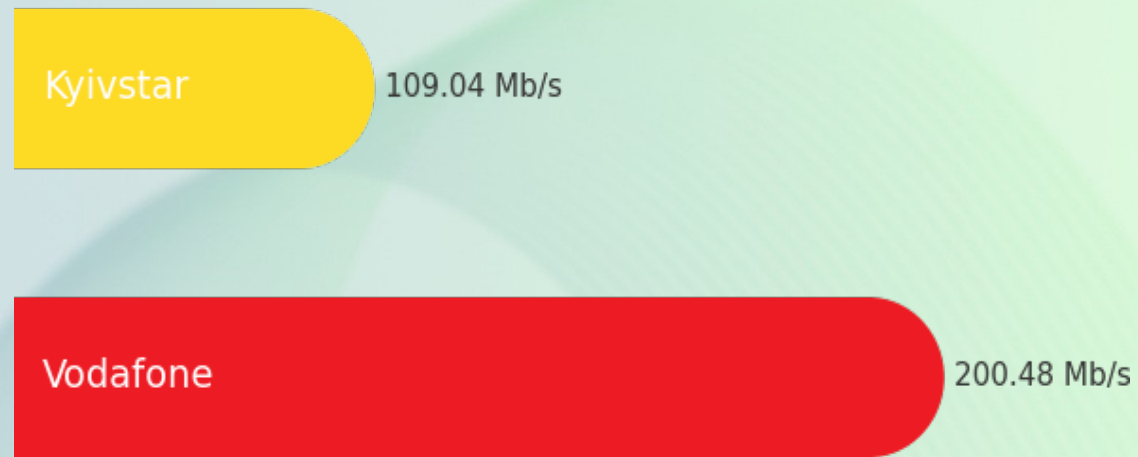
Source : nPerf.com



Download Speed



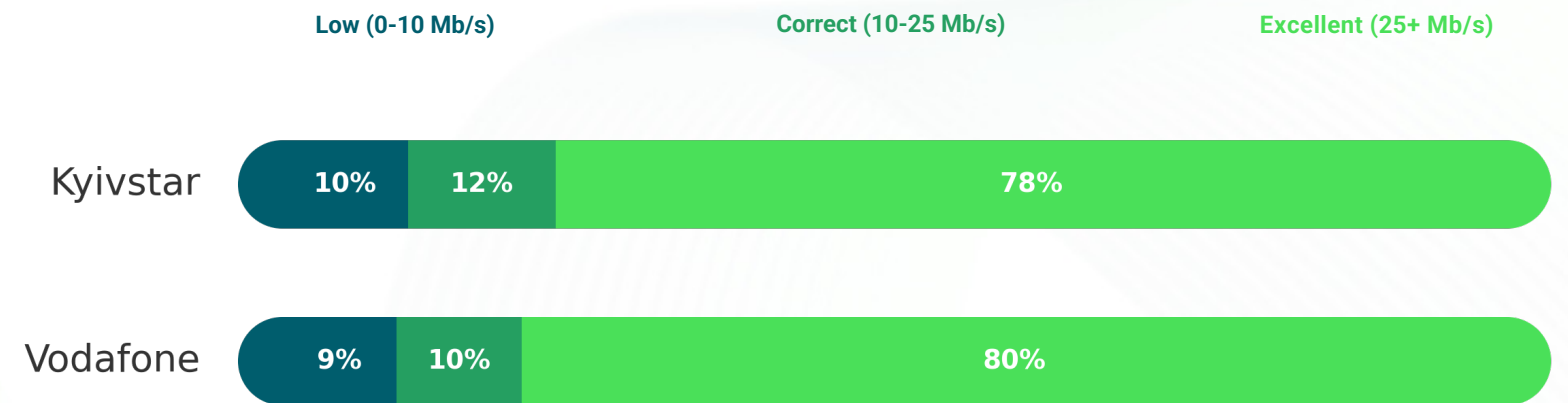
Download Speed (average)



Source : nPerf.com

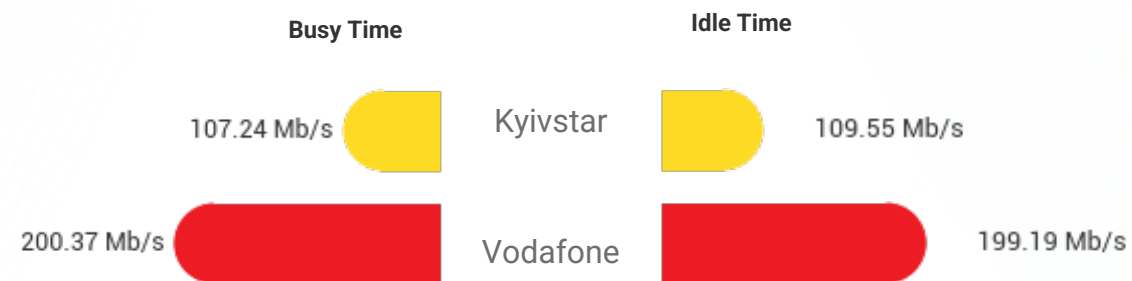
The subscribers of Vodafone enjoyed the best Fixed Internet Download Speed in 2025.

Download Speed results ventilation (average)



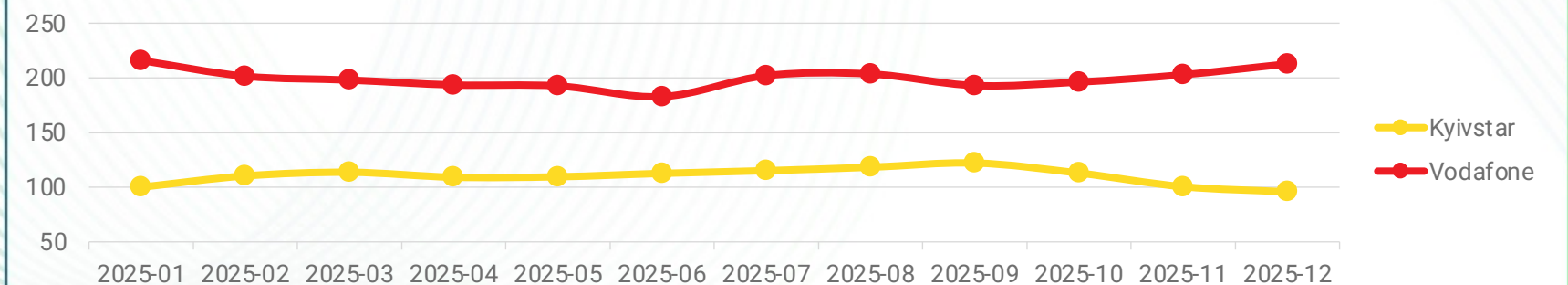
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



Source : nPerf.com



Upload Speed



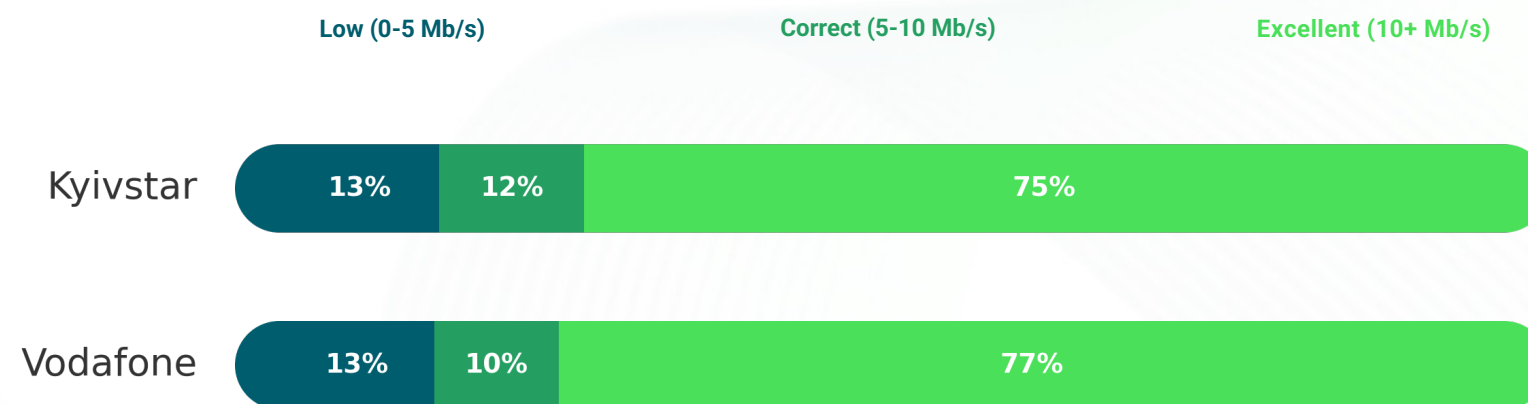
Upload Speed (average)



Source : nPerf.com

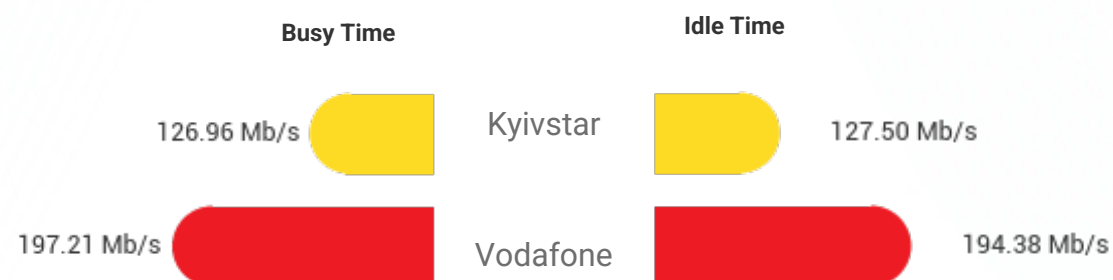
The subscribers of Vodafone enjoyed the best Fixed Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



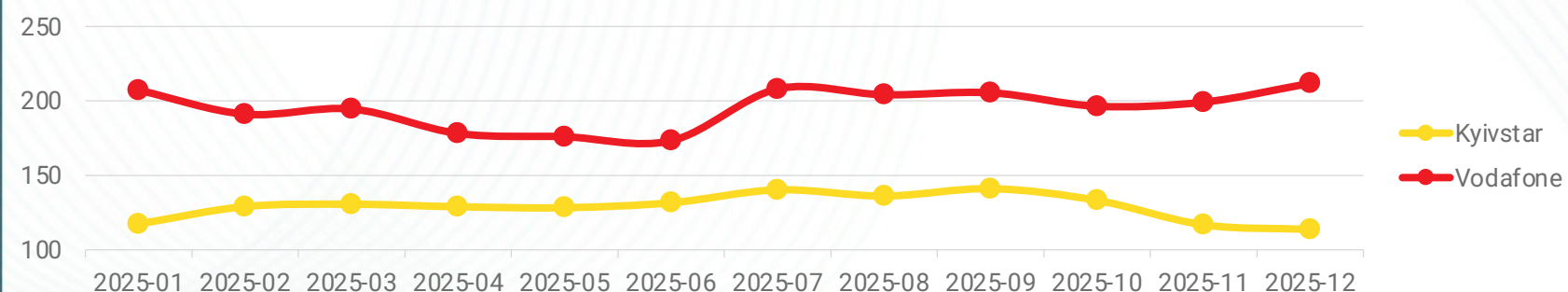
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

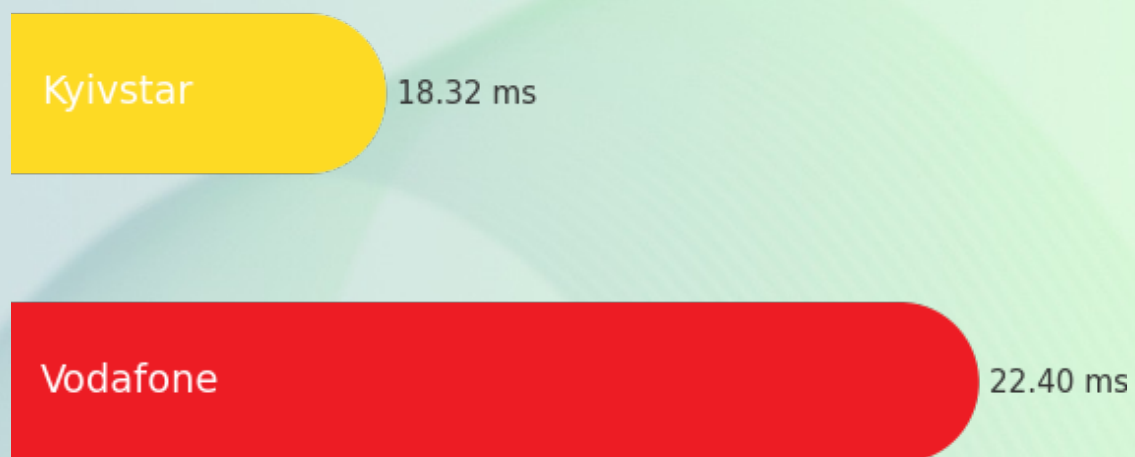
Upload Speed evolution over the year (average)



Source : nPerf.com



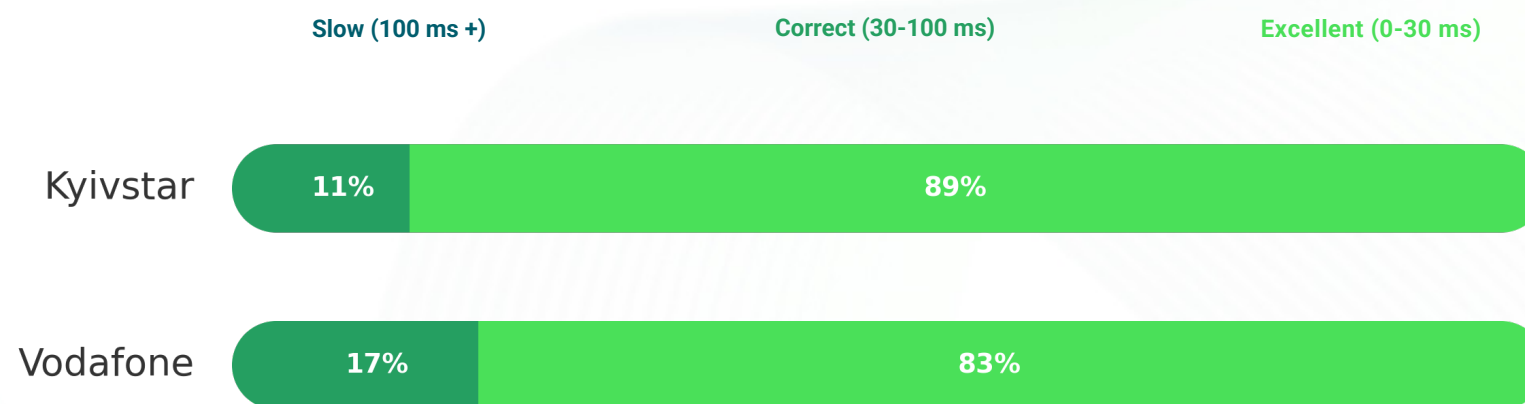
Latency (average)



Source : nPerf.com

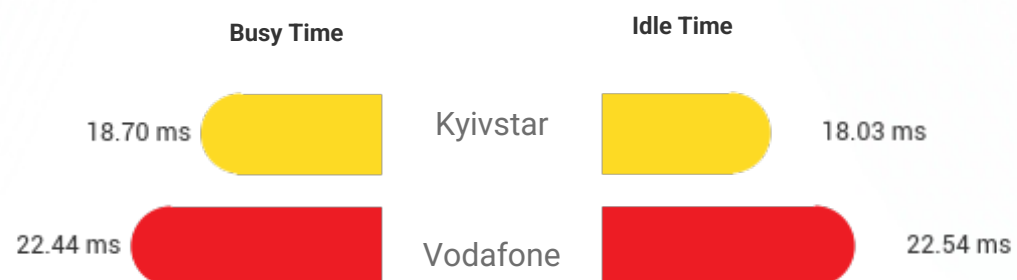
The subscribers of Kyivstar enjoyed the best Fixed Internet Latency in 2025.

Latency results ventilation (average)



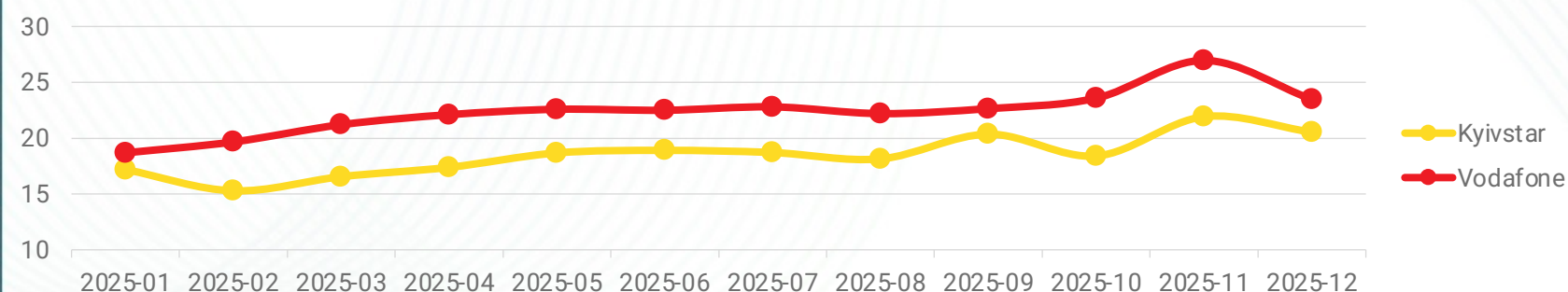
Source : nPerf.com

Latency (average)



Source : nPerf.com

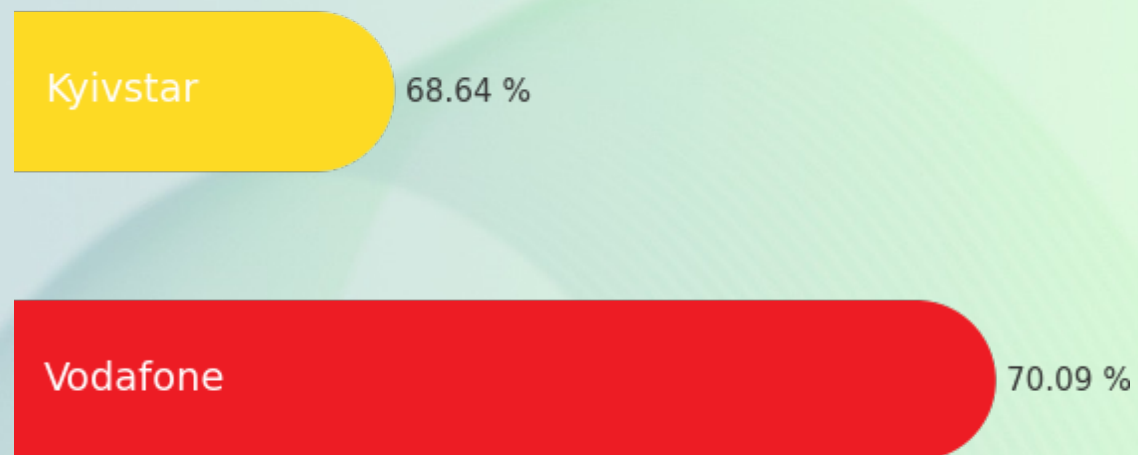
Latency evolution over the year (average)



Source : nPerf.com



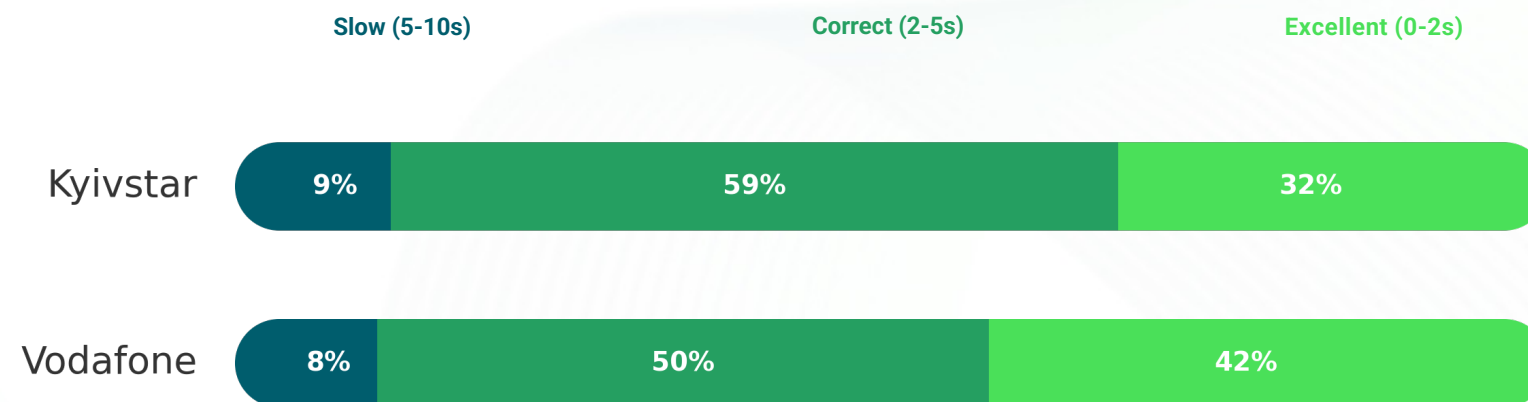
Browsing Performance (average)



Source : nPerf.com

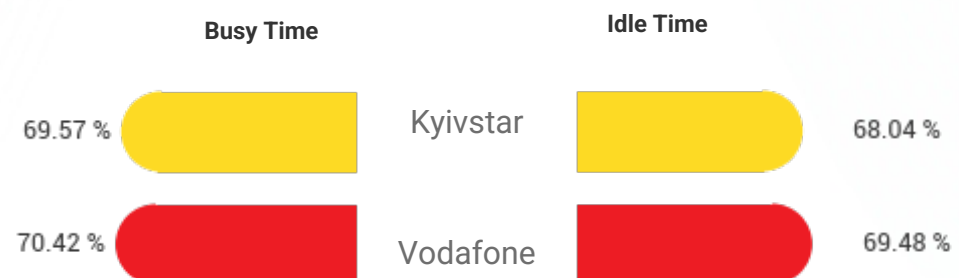
The subscribers of Vodafone enjoyed the best Fixed Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



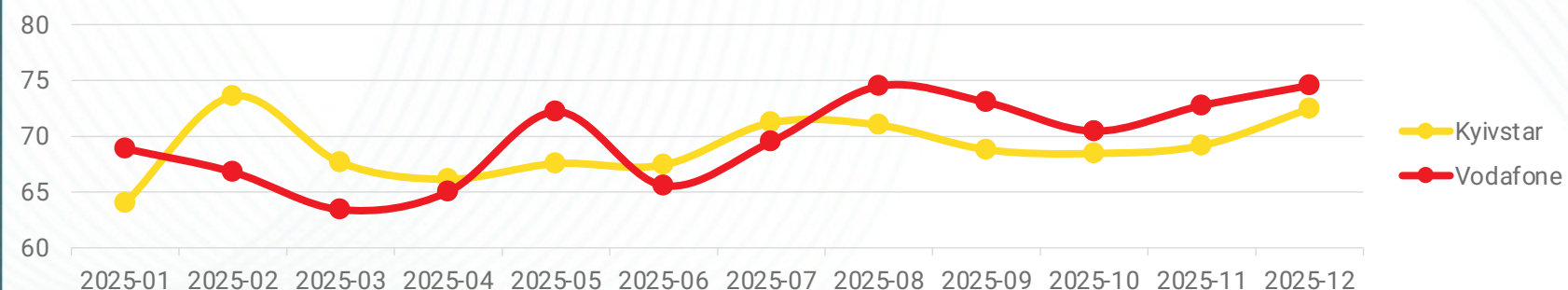
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

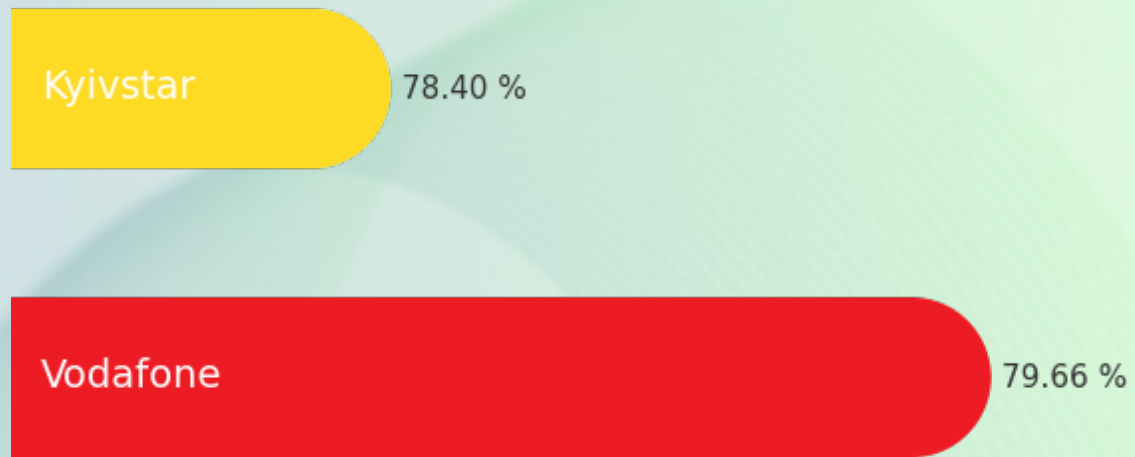
Browsing Performance evolution over the year (average)



Source : nPerf.com



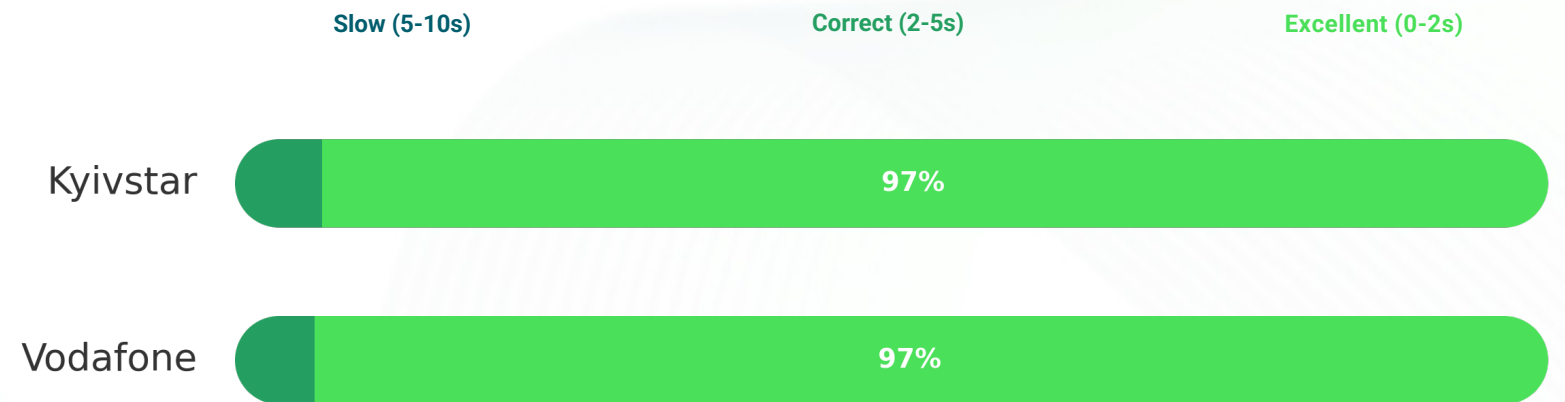
Streaming Performance (average)



Source : nPerf.com

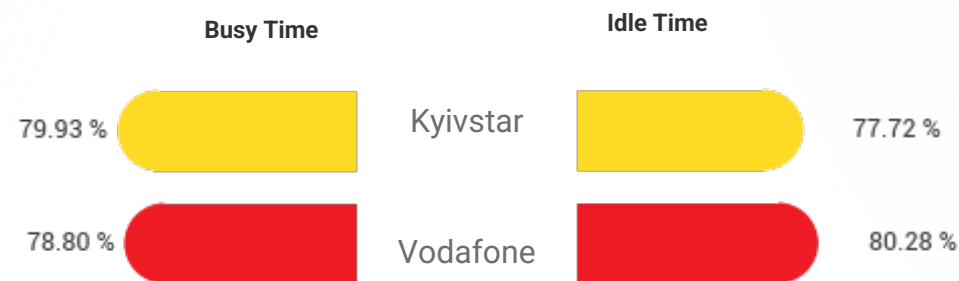
The subscribers of Vodafone enjoyed the best Fixed Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



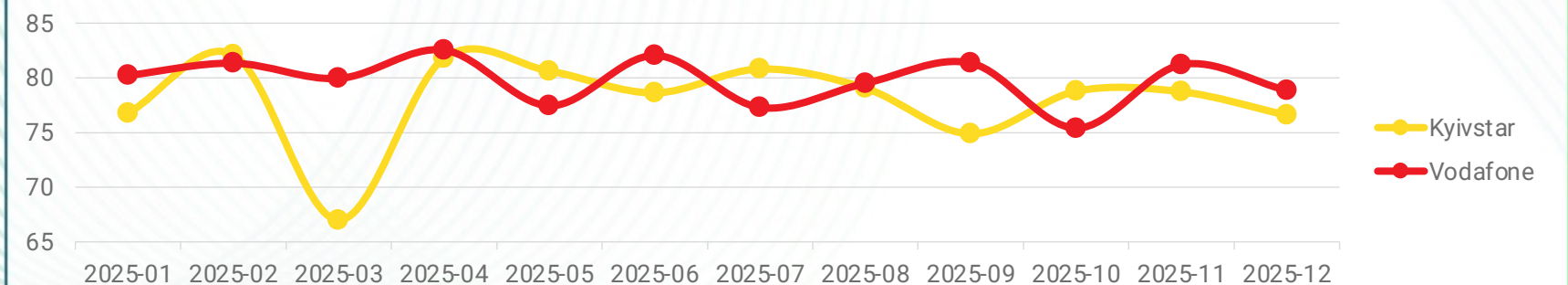
Source : nPerf.com

Streaming Performance (average)



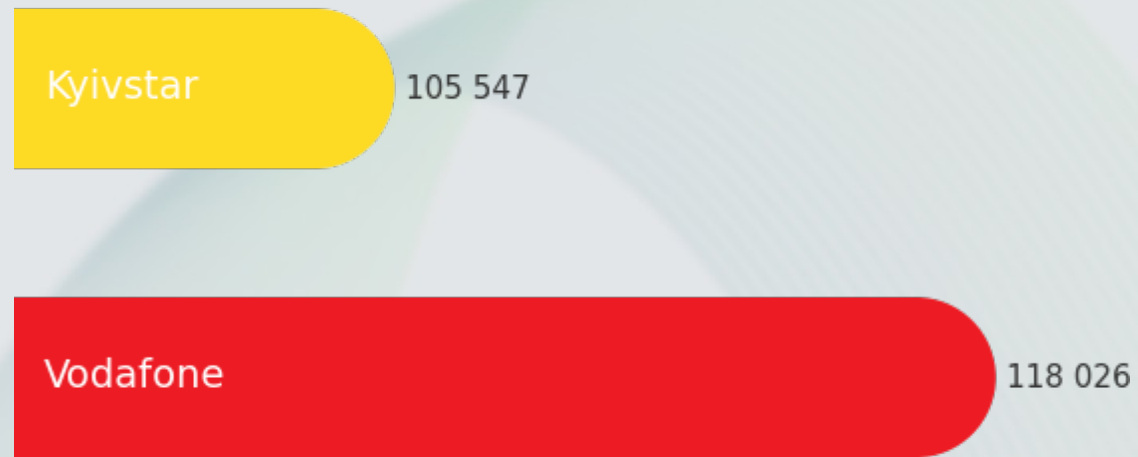
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

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

Best performances WIFI: Vodafone

Fastest performances (Download Speed) WIFI: Vodafone

Fastest performances (Upload Speed) WIFI: Vodafone

WIFI connections with the lowest latency: Kyivstar

Best web browsing performances WIFI: Vodafone

Best streaming performances WIFI: Kyivstar and Vodafone

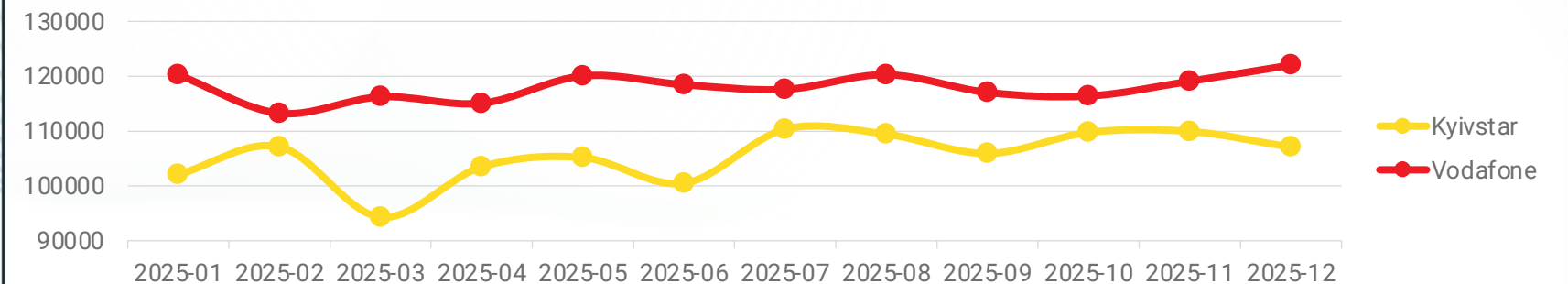
Source : nPerf.com

nPerf Podium



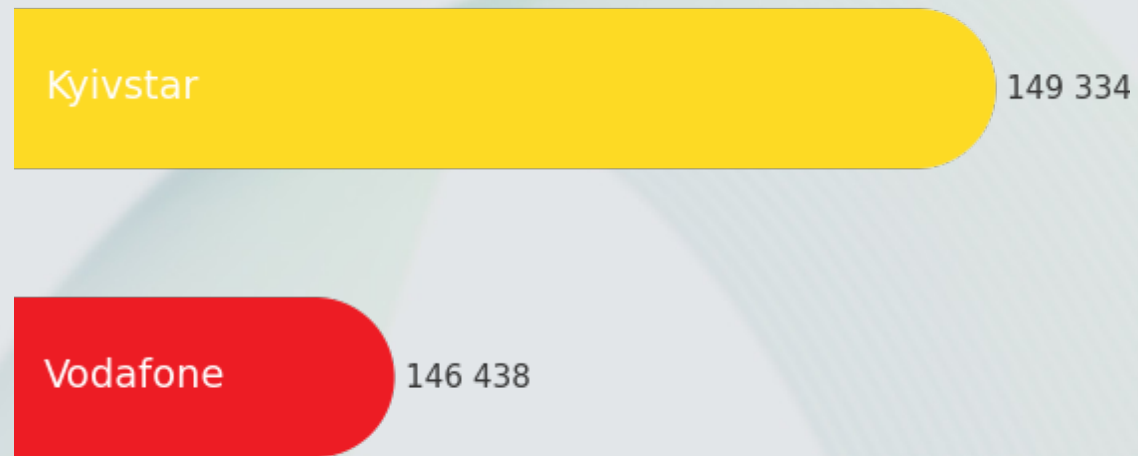
Source : nPerf.com

WIFI evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Kyivstar and Vodafone enjoyed the best FTTH Internet in 2025.

Best performances FTTH: Kyivstar and Vodafone

Fastest performances (Download Speed) FTTH: Vodafone

Fastest performances (Upload Speed) FTTH: Kyivstar

FTTH connections with the lowest latency: Kyivstar

Best web browsing performances FTTH: Vodafone

Best streaming performances FTTH: Kyivstar

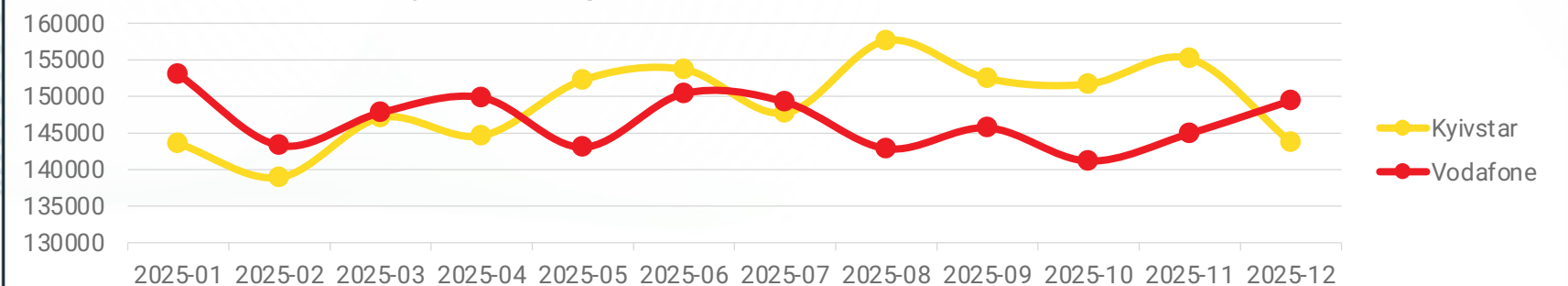
Source : nPerf.com

nPerf Podium



Source : nPerf.com

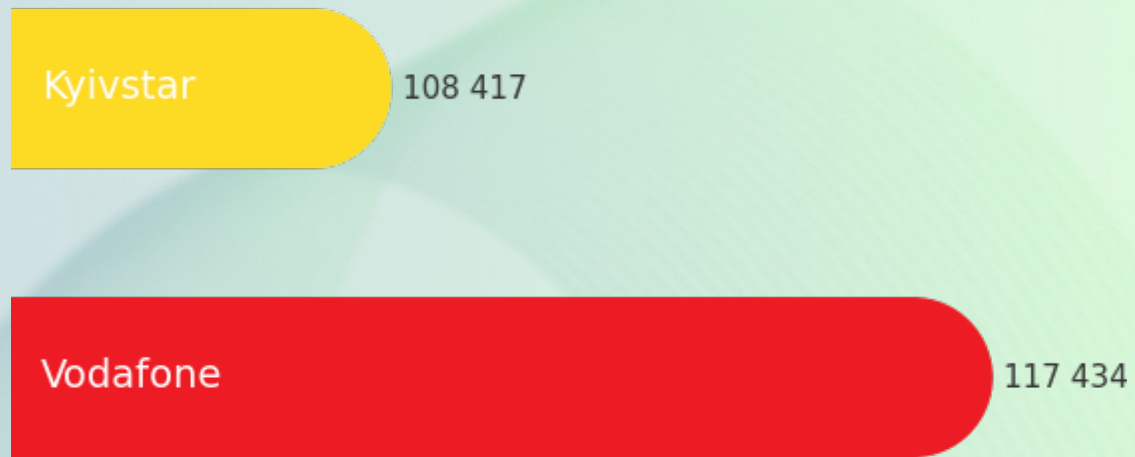
FTTH evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)

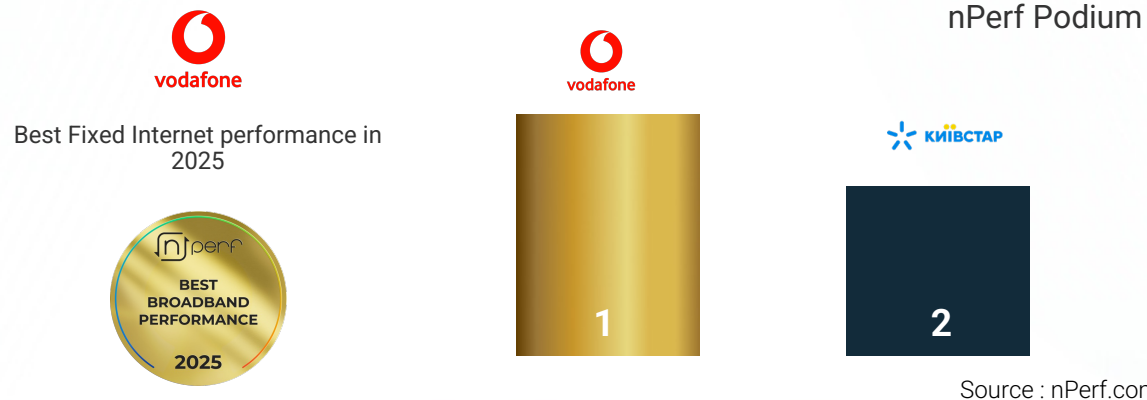


Source : nPerf.com

The subscribers of Vodafone enjoyed the best Fixed Internet performances in 2025.

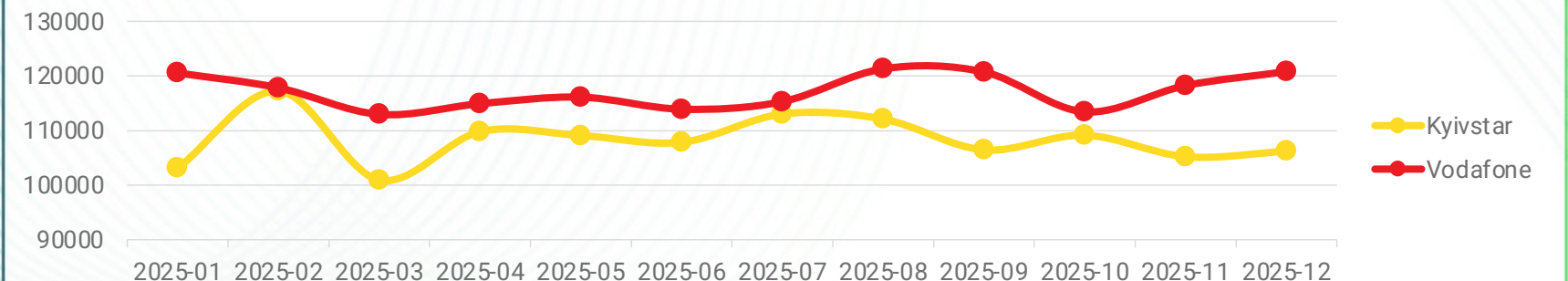
The nPerf score takes into account the measured bitrates, the latency and the QoE tests. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user. Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nPerf.com



Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

