

January 2026



Barometer of mobile Internet connections in Croatia

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.

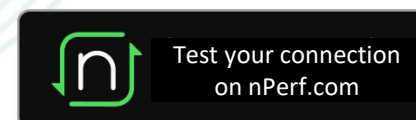
 **300k+** tests daily
worldwide.

 **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 Hrvatski Telekom enjoyed the best Mobile Internet performances in 2025 in Croatia.

Mobile Internet performance in Croatia

	A1	Hrvatski Telekom	telemach
▼ Download bitrates (Mb/s)	88.28	131.15	92.38
▲ Upload bitrates (Mb/s)	13.71	19.93	20.73
◀▶ Latency (ms)	43.16	36.57	38.66
🌐 Web browsing (%)	48.21	53.20	50.17
📺 Youtube streaming (%)	74.77	79.71	78.99
🏆 nPerf Score (nPoints)	68 064	81 604	75 291

Source : nPerf.com



Best Mobile Internet performance
in 2025



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Hrvatski Telekom enjoyed the best 5G Internet in 2025 in Croatia.

Mobile Internet performance in Croatia

	A1	Hrvatski Telekom	telemach
 Download bitrates (Mb/s)	178.31	239.26	138.95
 Upload bitrates (Mb/s)	21.12	29.86	31.30
 Latency (ms)	43.97	31.96	37.65
 Web browsing (%)	53.95	60.59	55.45
 Youtube streaming (%)	80.17	81.01	79.60
 nPerf Score (nPoints)	83 702	97 684	85 569

Source : nPerf.com

The Croatian mobile Internet sector displays an average score of 74,986 nPoints. Hrvatski Telekom leads with 81,604 nPoints, dominating download speed, upload speed and latency.

Hrvatski Telekom: a consolidated leadership position

Hrvatski Telekom leads the sector with 81,604 nPoints and dominates all performance indicators. The operator achieves the highest download speed with 131.15 Mbps, ideal for HD streaming and large file downloads. With 19.93 Mbps in upload speed, it ensures quality video conferencing and smooth content sharing. Leading in latency (36.57 ms), browsing (53.20%) and co-leading with telemach in video streaming (79.71%), it delivers a well-balanced user experience across all usage scenarios.

telemach: competitive upload speeds

telamach ranks second with 75,291 nPoints and displays solid performances across multiple indicators. The operator leads in upload speed with 20.73 Mbps supporting streaming applications effectively and coleading in video streaming (78.79%), . With 38.66 ms in latency telemach takes (2nd place), it maintains competitive performance levels for everyday mobile usage.

A1: competitive download speeds

A1 ranks third with 68,064 nPoints and displays solid performances across multiple indicators. The operator achieves 88.28 Mbps in download speed (3rd place), supporting streaming applications effectively. With 13.71 Mbps in upload speed (3rd place) and a latency of 43.16 ms (3rd place), it maintains competitive performance levels for everyday mobile usage.

Hrvatski Telekom maintains its leadership with comprehensive performance across many key indicators. The Croatian mobile sector presents a clear three-operator structure with Hrvatski Telekom setting high standards particularly in connectivity speed and responsiveness. Users benefit from strong download capabilities and reliable streaming experiences, with Hrvatski Telekom delivering optimal performance for bandwidth-intensive applications.

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

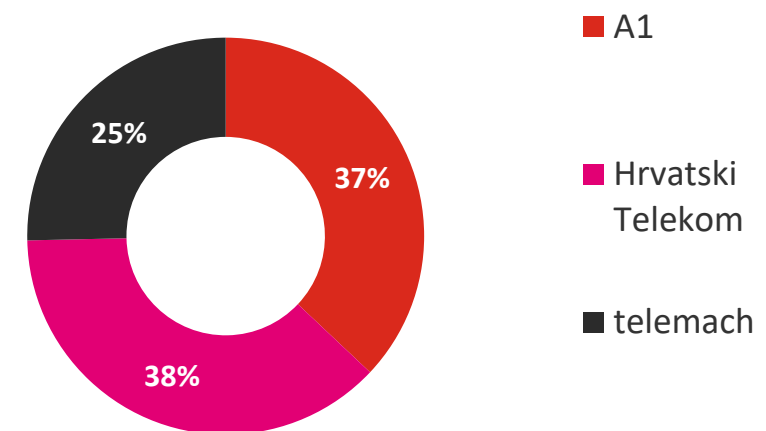
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.5% 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 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)



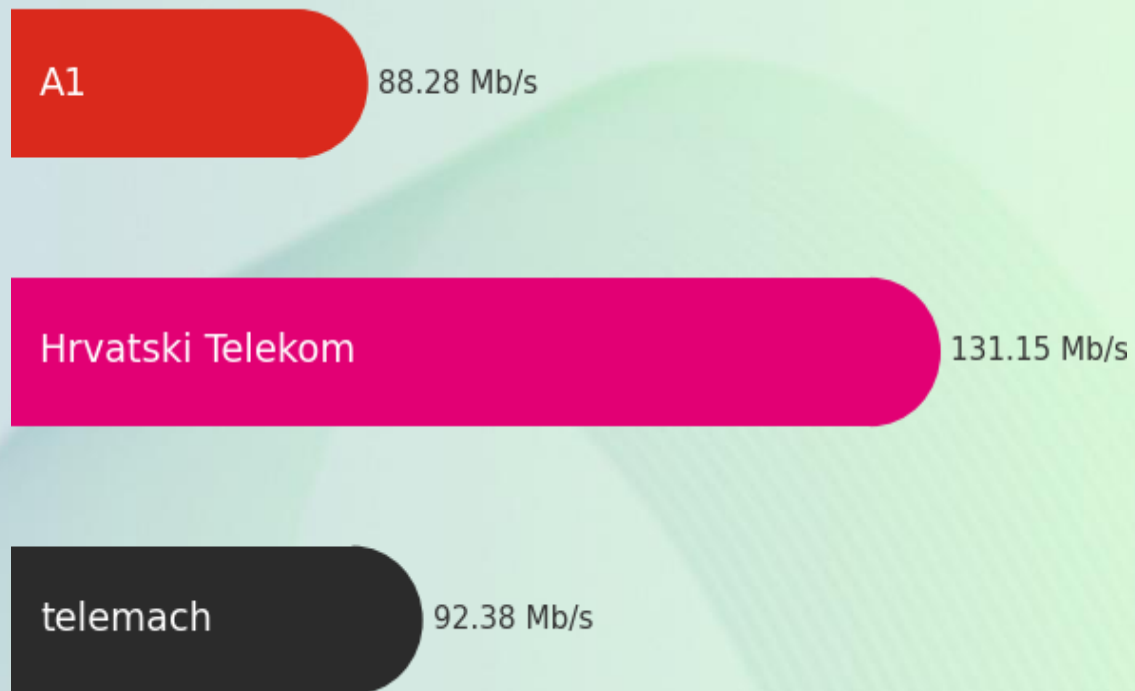
Source : nPerf.com



Download Speed



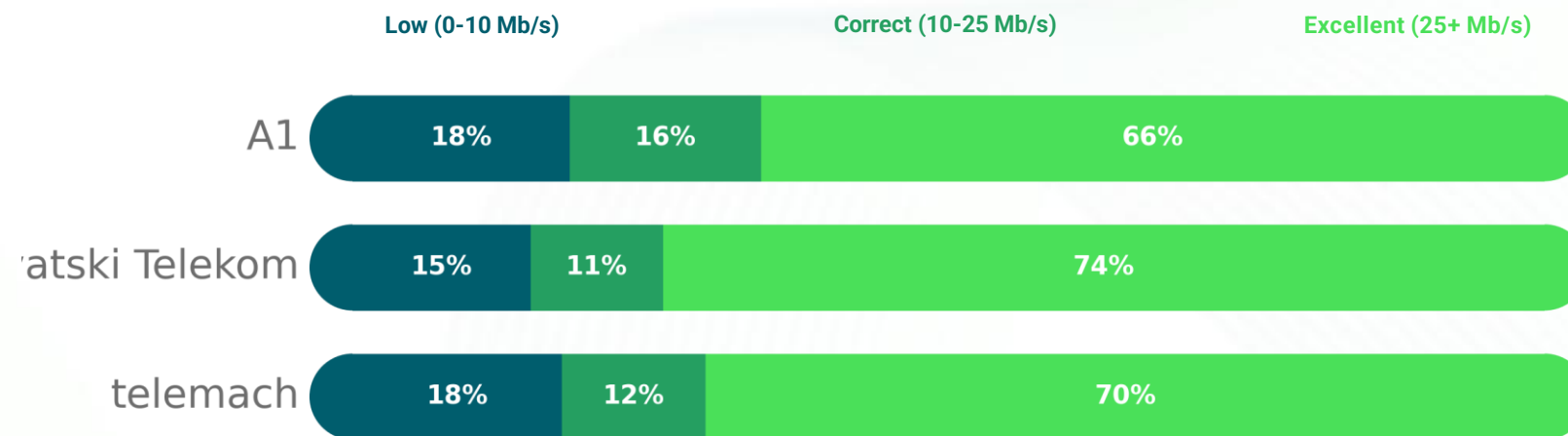
Download Speed (average)



Source : nPerf.com

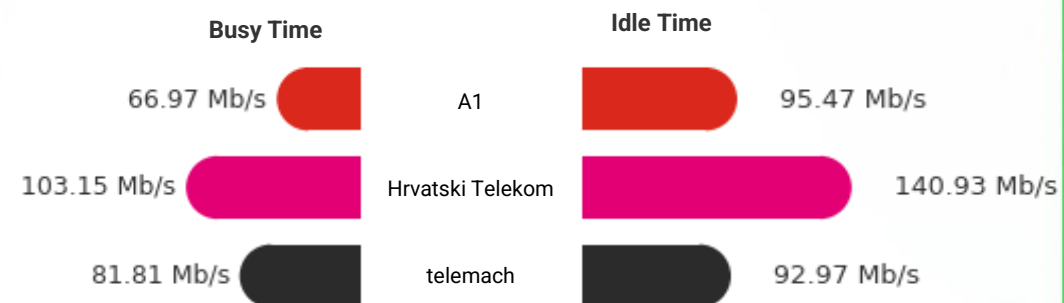
The subscribers of Hrvatski Telekom enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)



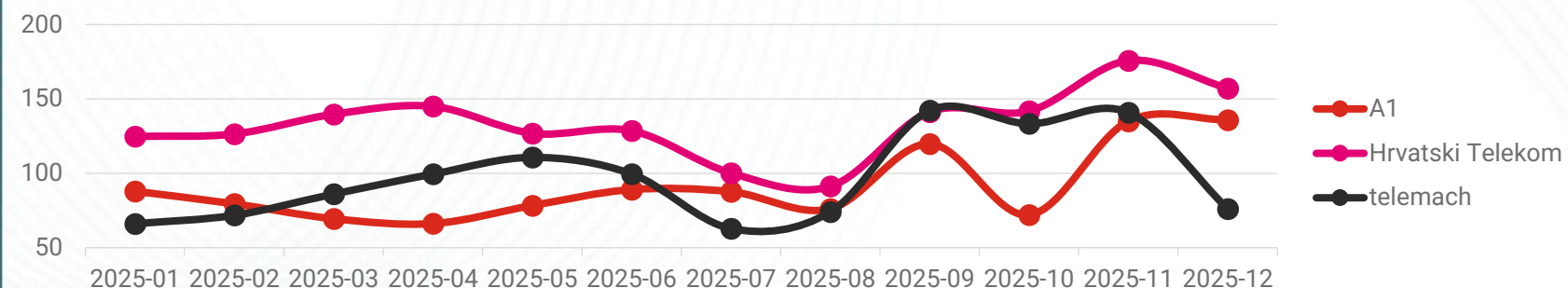
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



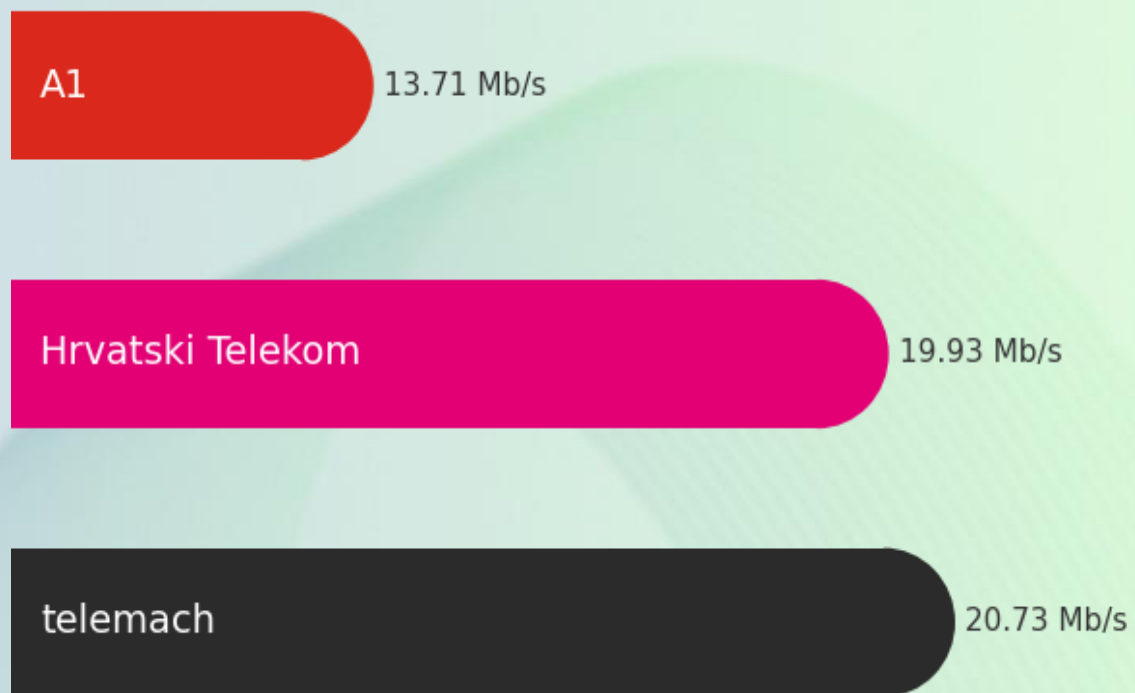
Source : nPerf.com



Upload Speed



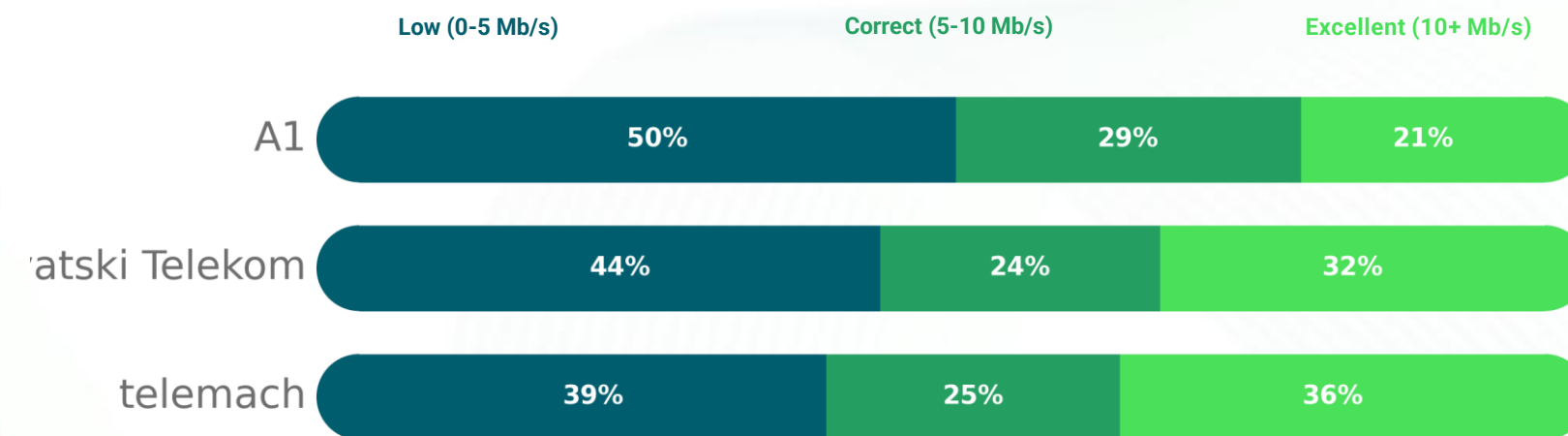
Upload Speed (average)



Source : nPerf.com

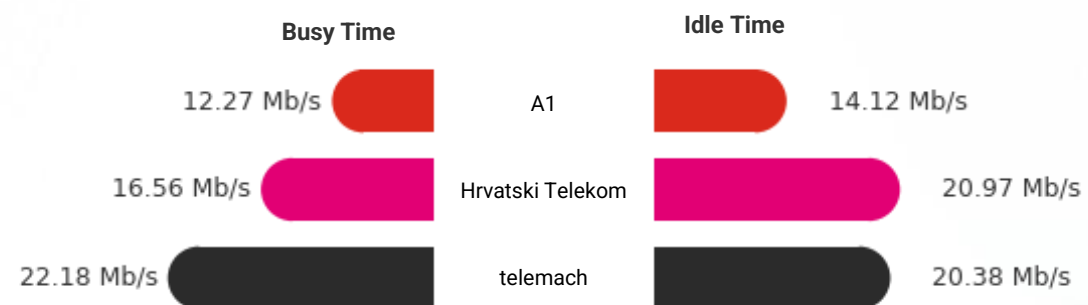
The subscribers of telemach enjoyed the best Mobile Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



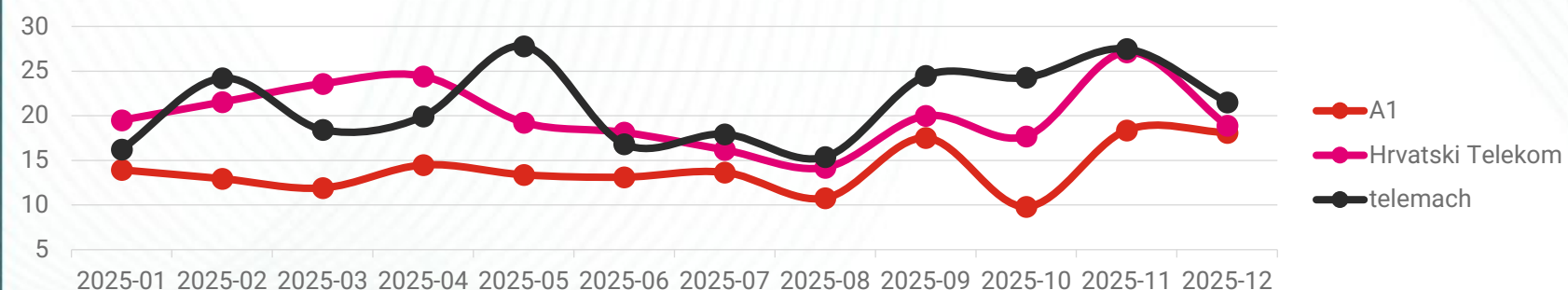
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

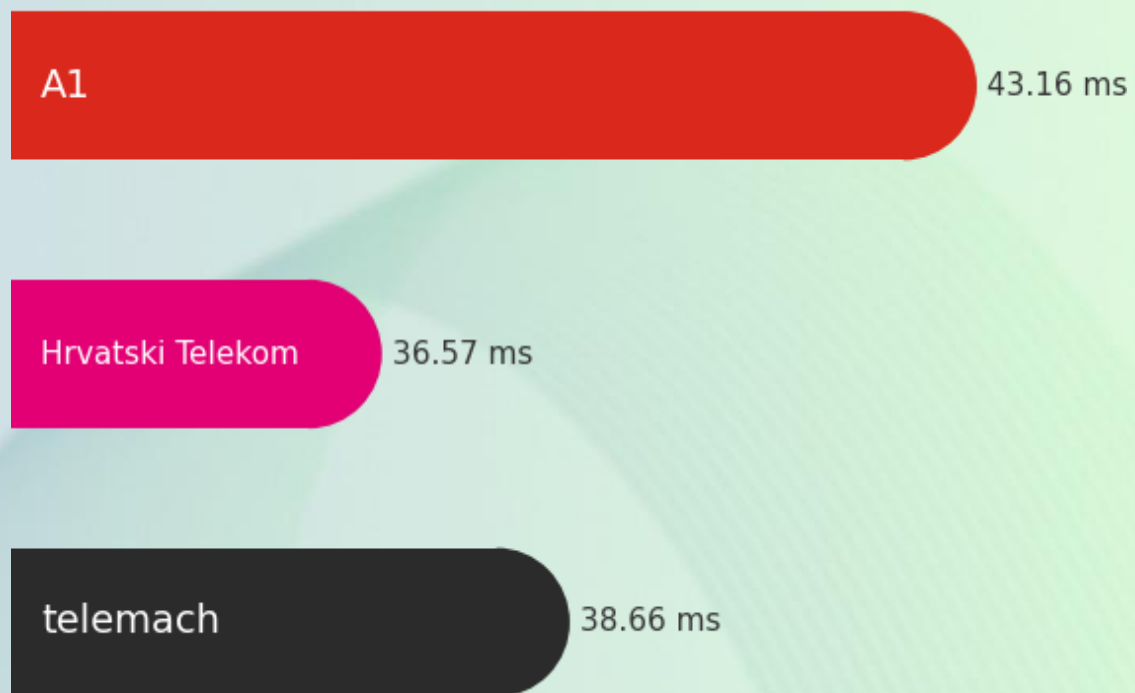
Upload Speed evolution over the year (average)



Source : nPerf.com



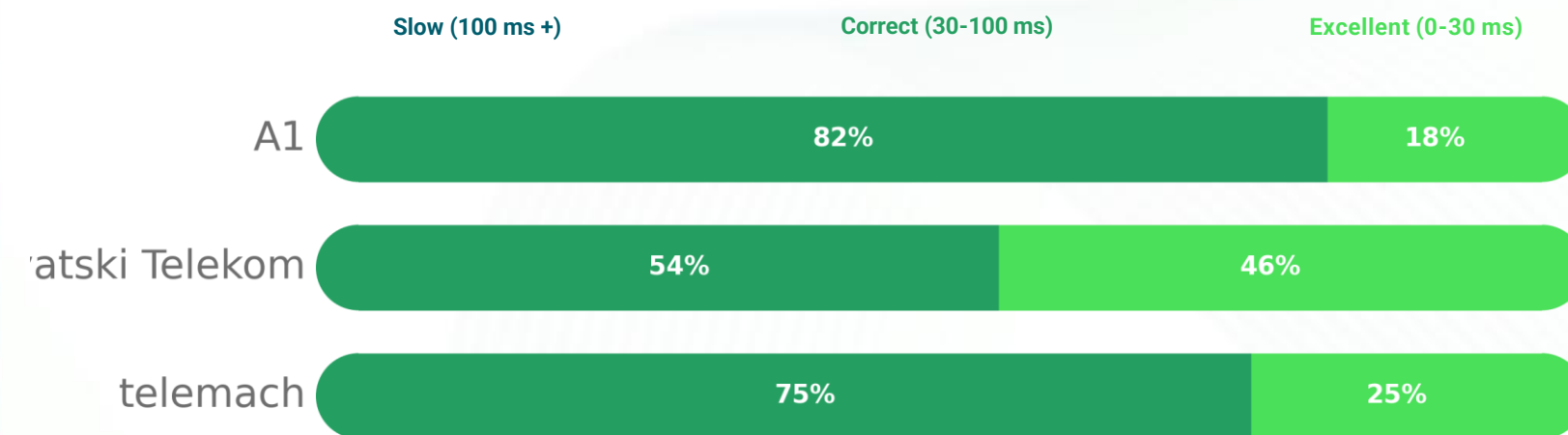
Latency (average)



Source : nPerf.com

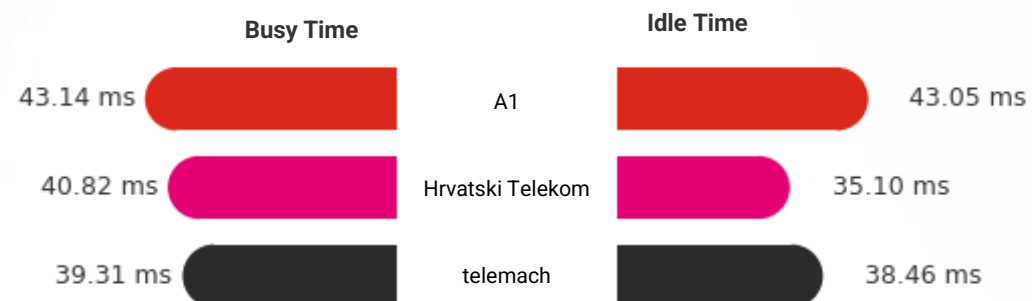
The subscribers of Hrvatski Telekom enjoyed the best Mobile Internet Latency in 2025.

Latency results ventilation (average)



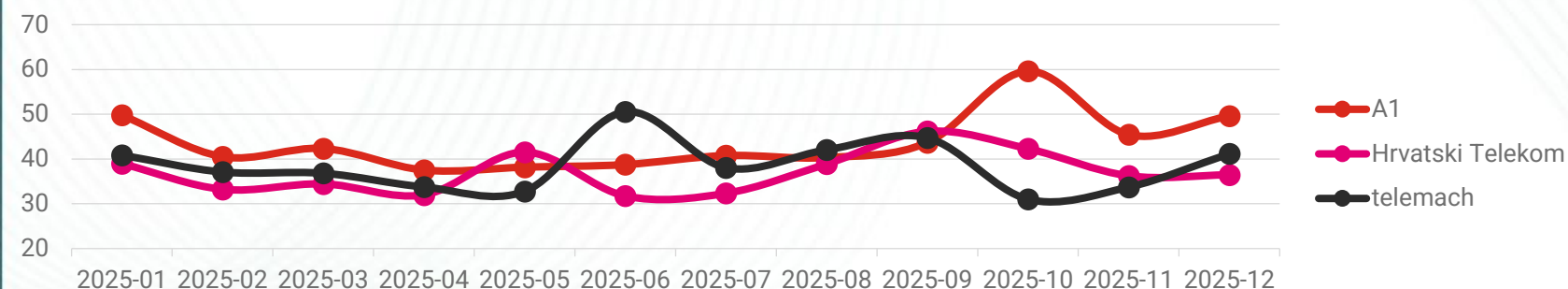
Source : nPerf.com

Latency (average)



Source : nPerf.com

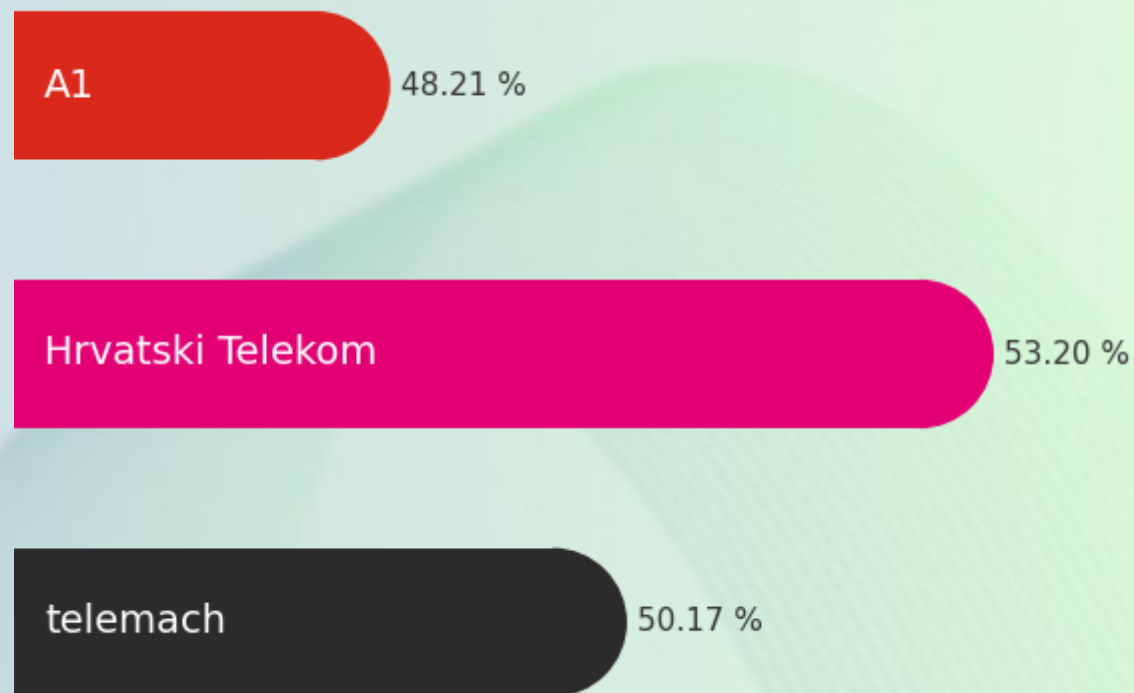
Latency evolution over the year (average)



Source : nPerf.com



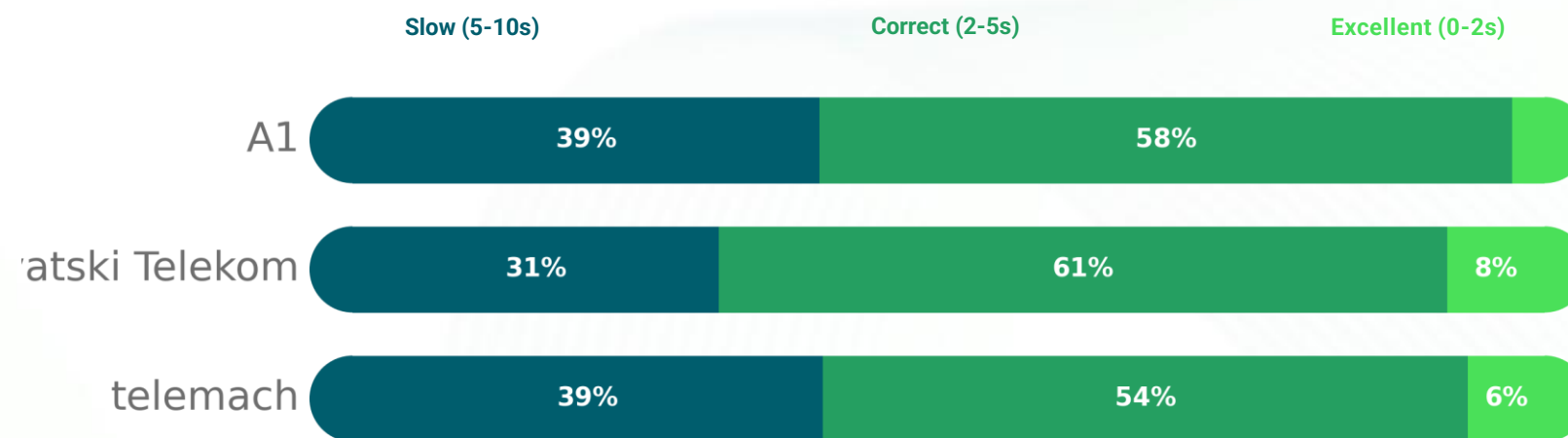
Browsing Performance (average)



Source : nPerf.com

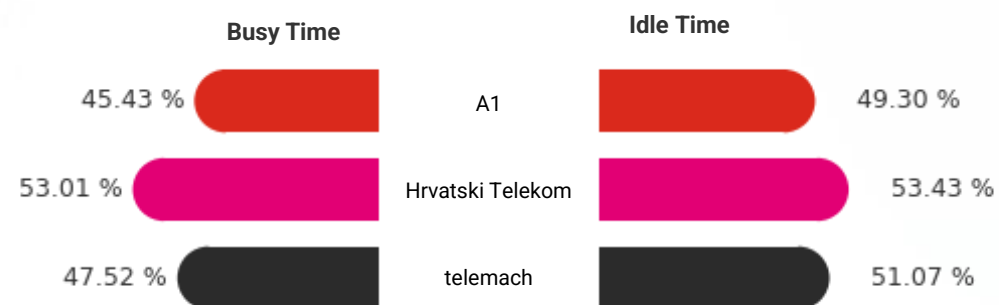
The subscribers of Hrvatski Telekom enjoyed the best Mobile Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



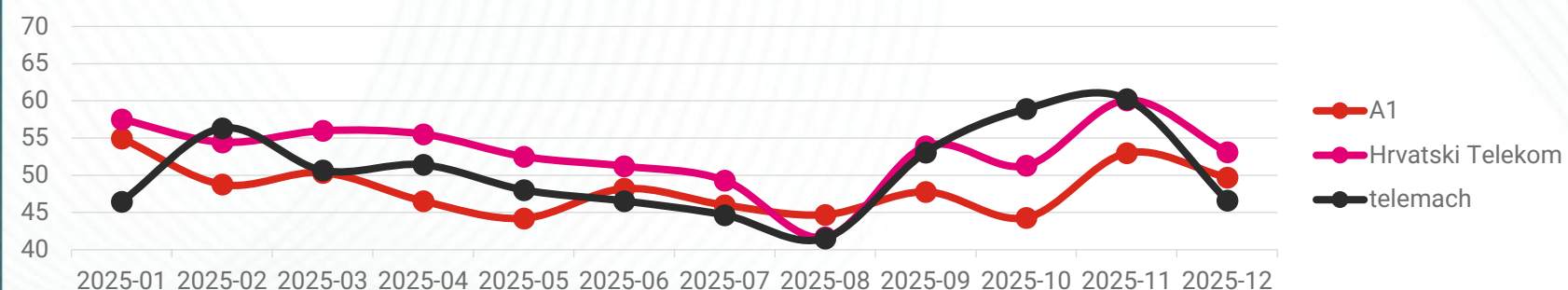
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

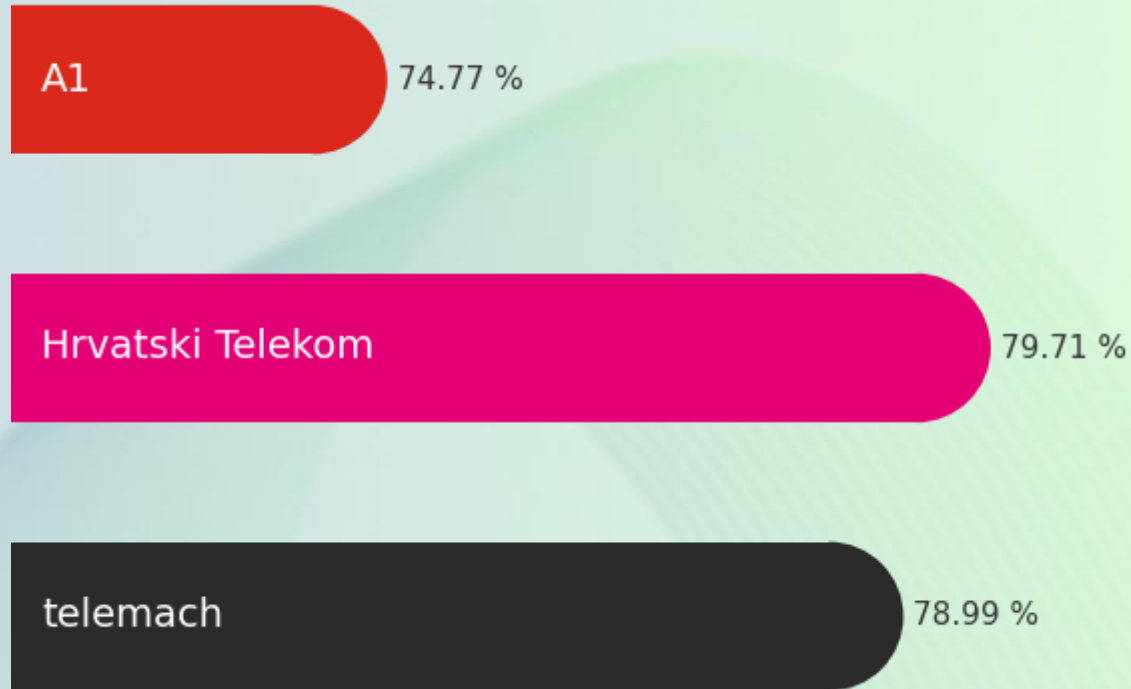
Browsing Performance evolution over the year (average)



Source : nPerf.com



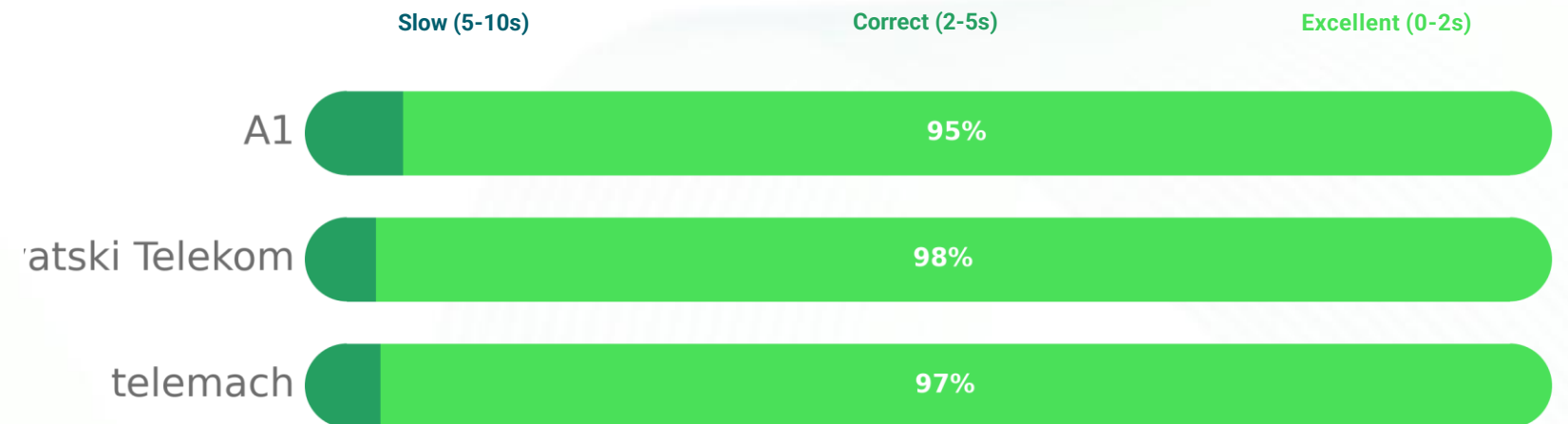
Streaming Performance (average)



Source : nPerf.com

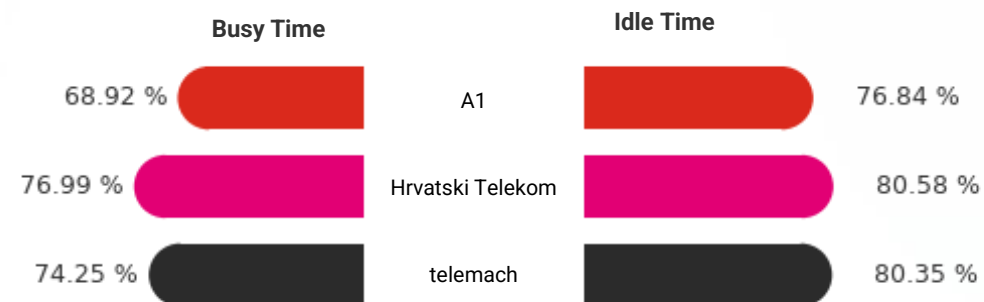
The subscribers of Hrvatski Telekom and telemach enjoyed the best Mobile Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



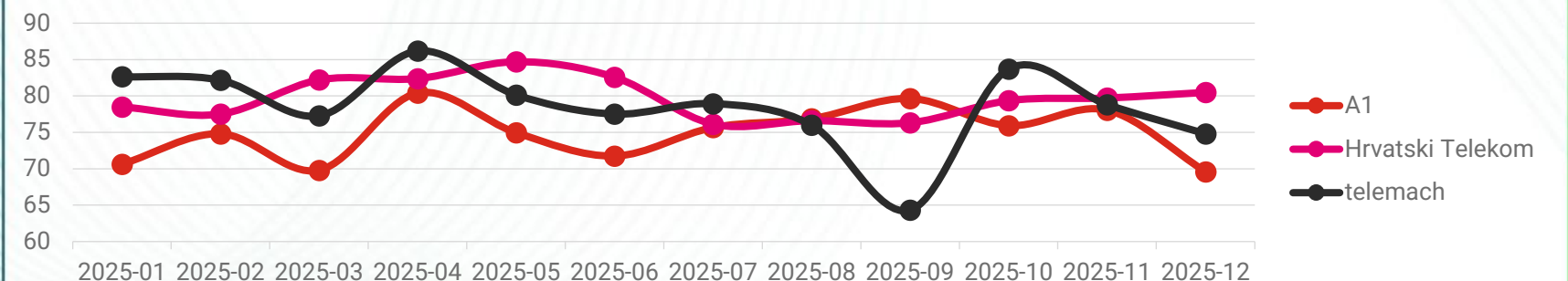
Source : nPerf.com

Streaming Performance (average)



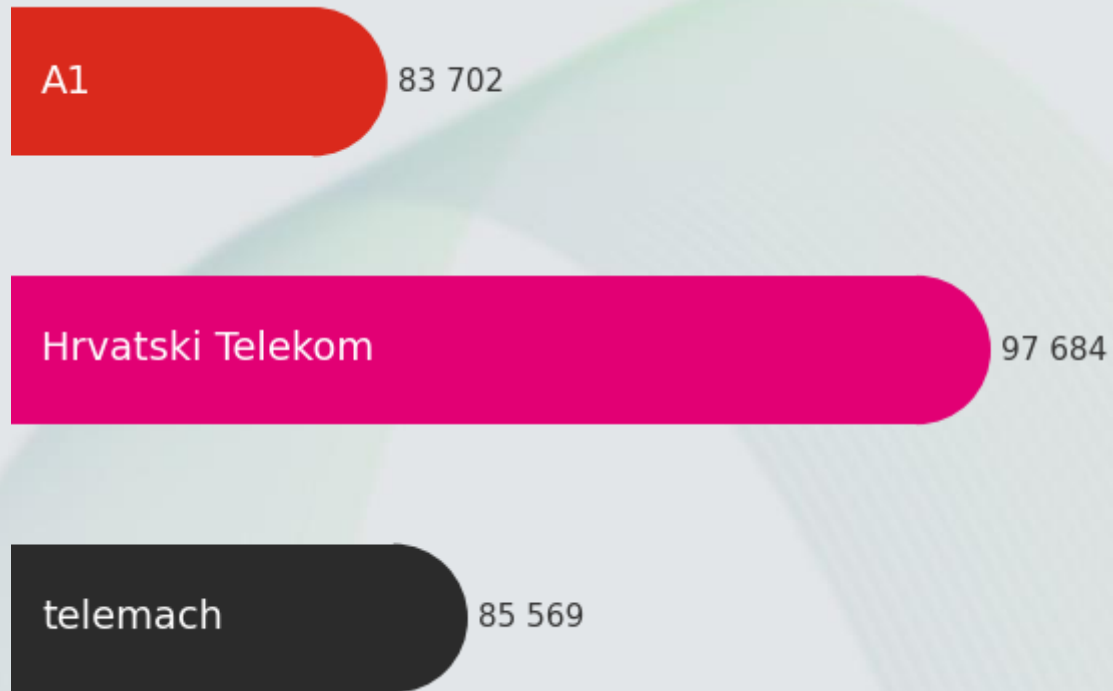
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Hrvatski Telekom enjoyed the best 5G Internet in 2025.

Best performances 5G: Hrvatski Telekom

Fastest performances (Download Speed) 5G: Hrvatski Telekom

Fastest performances (Upload Speed) 5G: telemach

5G connections with the lowest latency: Hrvatski Telekom

Best web browsing performances 5G: Hrvatski Telekom

Best streaming performances 5G: A1, Hrvatski Telekom and telemach

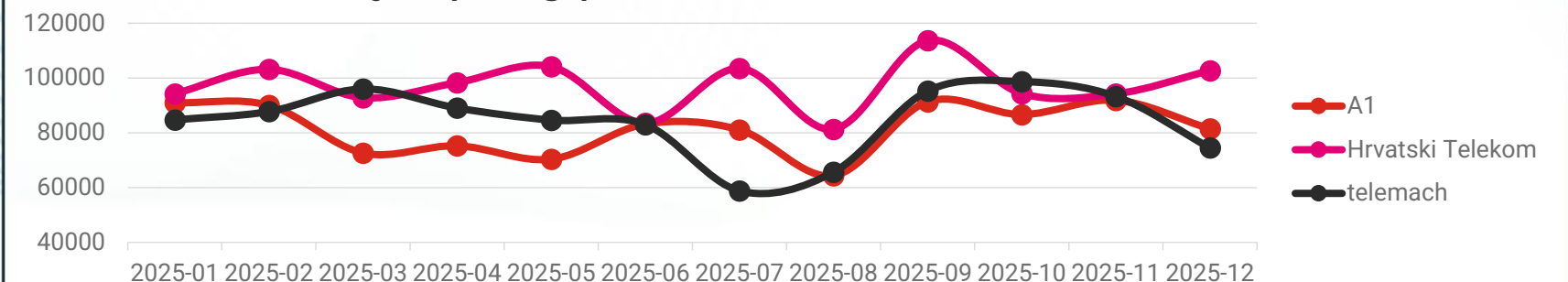
Source : nPerf.com

nPerf Podium



Source : nPerf.com

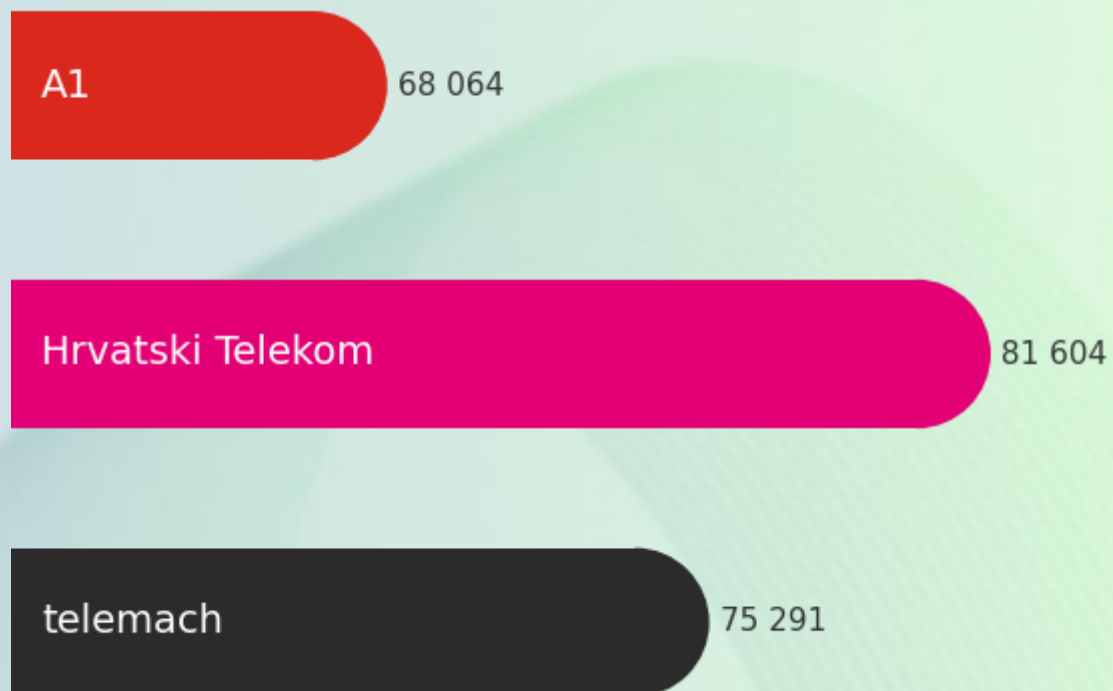
5G evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)



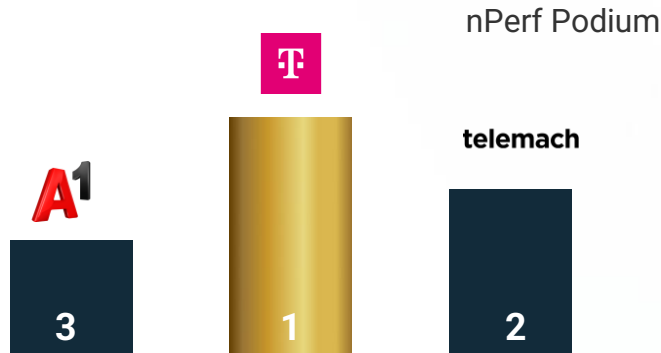
Source : nPerf.com

The subscribers of Hrvatski Telekom enjoyed the best Mobile 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.

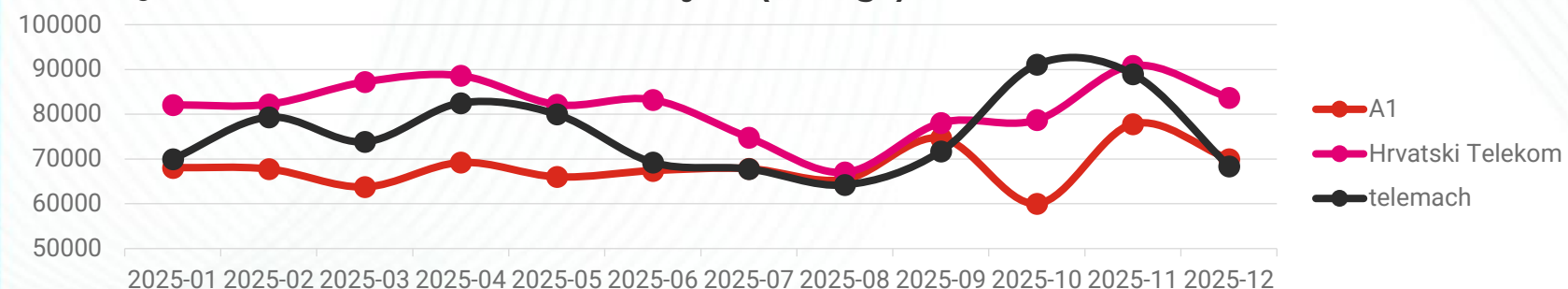
Source : nPerf.com

Best Mobile Internet performance in 2025



Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

