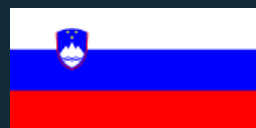




Barometer of fixed Internet connections in Slovenia

07/01/2025 - 06/30/2026



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1. Introducing nPerf



An independent authority in network performance

nPerf is an independent French Internet performance measurement platform, powered by real user experience. By turning millions of individual measurements into connectivity insights, nPerf helps operators enhance their networks and contributes to building a faster, more reliable Internet for everyone.

 **300k+** tests daily
worldwide.

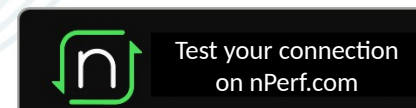
 **26Md+** coverage
scans in total.

 **3k+** servers all
around the world.

A comprehensive suite of tools to measure real-world connectivity

nPerf provides a complete ecosystem of complete measurement tools designed to capture the true quality of fixed, mobile, and Wi-Fi connections with precision, reaching speeds of up to 10 Gbps.

Users test. Operators learn. Everyone benefits.



2. Executive Summary



The subscribers of Telekom Slovenije enjoyed the best Fixed Internet performances in 2026 in Slovenia.

Fixed Internet performance in Slovenia

	A1	T-2	Telekom Slovenije	Telemach
▼ Download bitrates (Mb/s)	136.73	226.67	493.84	234.73
▲ Upload bitrates (Mb/s)	47.28	106.49	221.09	73.08
◀▶ Latency (ms)	22.90	15.61	12.97	16.23
🌐 Web browsing (%)	73.27	76.10	78.21	77.90
📺 Youtube streaming (%)	80.21	81.20	83.41	83.29
🏆 nPerf Score (nPoints)	106 815	125 929	145 953	126 624

Source : nPerf.com



Best Fixed Internet performance
in 2026



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Telekom Slovenije enjoyed the best FTTH Internet in 2026 in Slovenia.

Fixed Internet performance in Slovenia

	T-2	<u>Telekom Slovenije</u>	Telemach
 Download bitrates (Mb/s)	565.55	1 091	585.69
 Upload bitrates (Mb/s)	287.89	530.15	224.05
 Latency (ms)	7.09	6.32	12.88
 Web browsing (%)	84.60	85.50	86.51
 Youtube streaming (%)	86.89	88.98	88.35
 nPerf Score (nPoints)	162 738	179 230	160 437

Source : nPerf.com

Slovenia Fixed-Line Internet Performance 2026

nPerf's latest fixed-line network performance analysis for Slovenia reveals a clearly hierarchical sector, with Telekom Slovenije confirming its dominant position across all key indicators, while T-2, Telemach and A1 compete closely behind for the remaining podium spots. Overall, this year's barometer highlights very good connectivity standards in the country, with fibre technology driving remarkable speed gains, though meaningful gaps in latency and bandwidth performance continue to separate the leading operators from the rest of the pack.

Telekom Slovenije: The Undisputed Fixed-Line Champion

Building on its historically strong fibre infrastructure, Telekom Slovenije confirms its leadership this year with an overall score of 145,953 points, topping every single KPI measured by nPerf. The operator delivers outstanding download speeds of 493.84 Mb/s and upload speeds of 221.09 Mb/s overall, while its FTTH performance is even more impressive, reaching 1091.15 Mb/s download and 530.15 Mb/s upload with a remarkably low latency of just 6.32 ms. Web browsing (78.21%) and YouTube streaming (83.41%) scores further cement its all-around quality.

Defending the Crown Against a Determined Field

With such a comprehensive lead across every metric, Telekom Slovenije's main challenge next year will be to maintain this momentum as competitors continue to invest heavily in their own fibre rollouts. To stay ahead, the operator should focus on further reducing latency gaps in non-FTTH segments and continue expanding fibre coverage to widen the gap with T-2 and Telemach, who are closing in on browsing and streaming performance.

Telemach: Strong Fibre Performer with Room to Grow

Telemach secures second place overall with a score of 126,624 points, and stands out as a genuine contender in the FTTH segment, where it posts the best download speed among all competitors at 585.69 Mb/s. The operator also shares the top spot for web browsing (77.90%) and streaming (83.29%) overall, matching Telekom Slovenije's user experience quality in these everyday use cases despite lower raw bandwidth figures.

Turning Browsing Excellence into a Full Podium Push

Telemach's challenge for the coming year lies in translating its browsing and streaming strengths into stronger download and upload figures, particularly in the FTTH segment where upload speed (224.05 Mb/s) trails both Telekom Slovenije and T-2. Narrowing this gap, along with improving latency (currently at 16.23 ms overall), will be key to climbing higher in the rankings.

T-2: A Balanced Contender with Latency Advantage

T-2 ranks third overall with a score of 125,929 points, distinguishing itself through the best latency performance among challengers (15.61 ms overall, 7.09 ms on FTTH) and matching the top spot for web browsing (76.10%) and streaming (81.20%). Its FTTH upload speed of 287.89 Mb/s is the second-best in the sector, reflecting solid fibre infrastructure investment.

Capitalizing on Responsiveness to Close the Speed Gap

Looking to next year, T-2's opportunity lies in leveraging its low-latency advantage as a differentiator while working to boost raw download speeds, which currently lag behind both Telekom Slovenije and Telemach on FTTH (565.55 Mb/s). Strengthening bandwidth capacity will be essential to convert its responsiveness edge into a stronger overall ranking.

A1: Building the Foundations for Future Gains

A1 closes the ranking with an overall score of 106,815 points, showing consistent but more modest performance across all measured KPIs, including download (136.73 Mb/s), upload (47.28 Mb/s) and latency (22.90 ms). No standout strengths emerge from this year's data, positioning A1 as the operator with the most ground to cover in the Slovenian fixed-line sector.

A Pivotal Year to Reposition in the Sector

A1's priority for the coming year should be a comprehensive infrastructure upgrade, particularly around fibre deployment, to close the substantial latency and speed gaps versus its three rivals. Without significant investment, the operator risks falling further behind as competitors continue to enhance their FTTH networks.

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

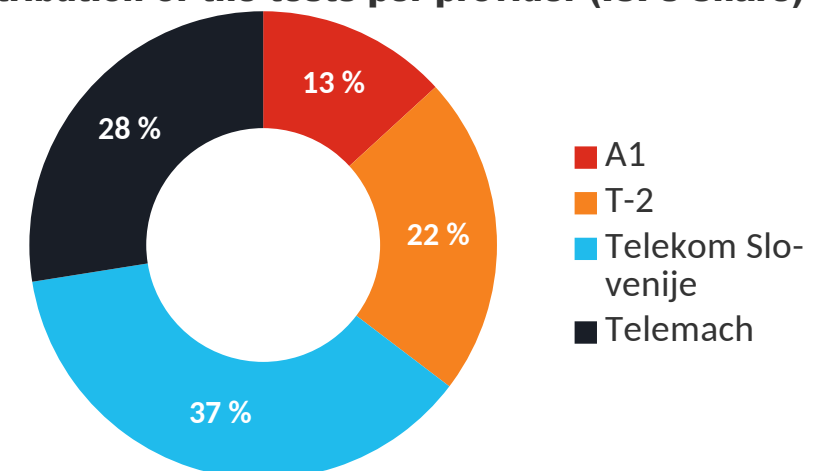
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



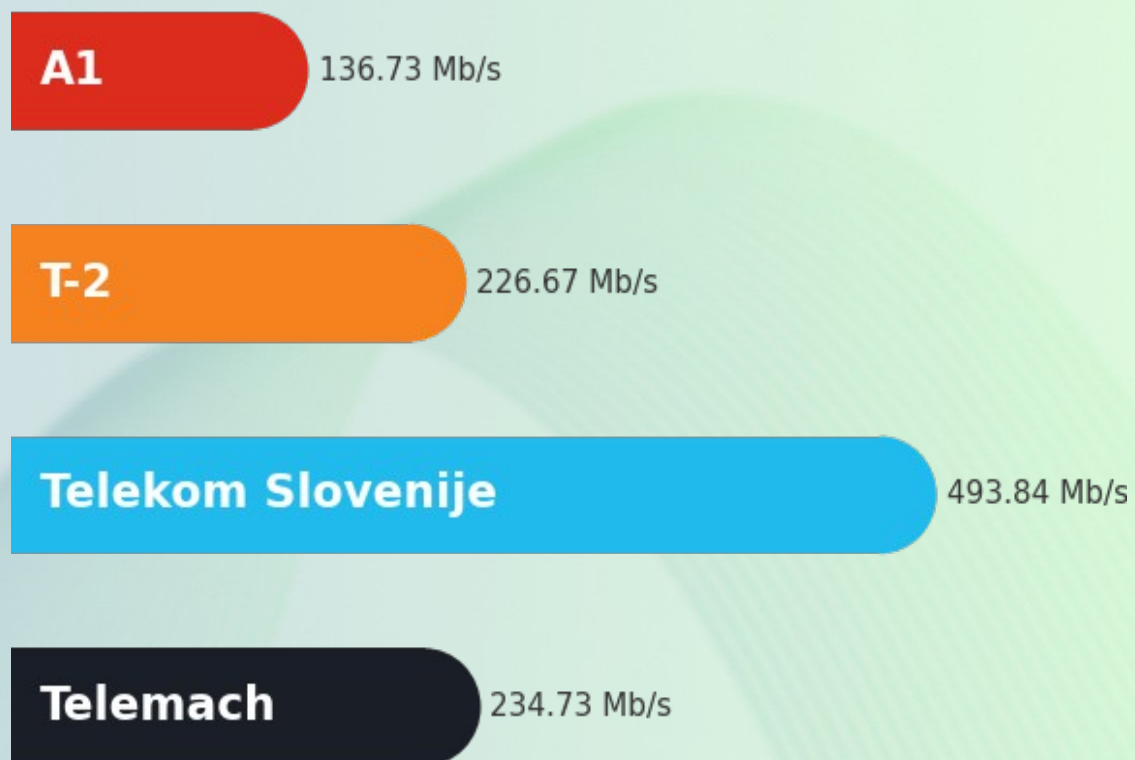
Source : nPerf.com



Download Speed



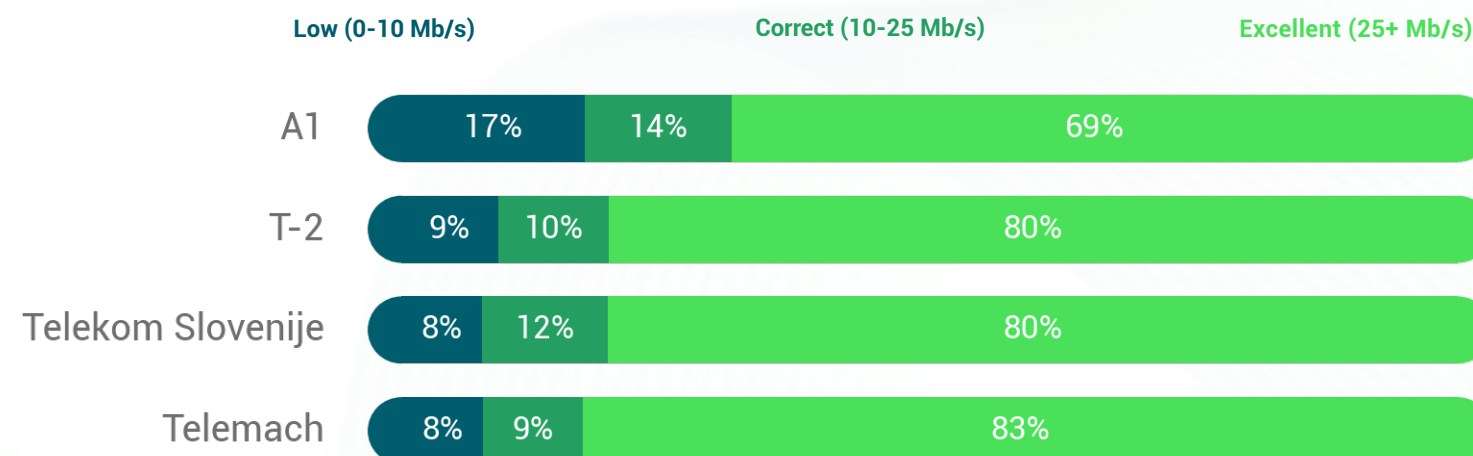
Download Speed (average)



Source : nPerf.com

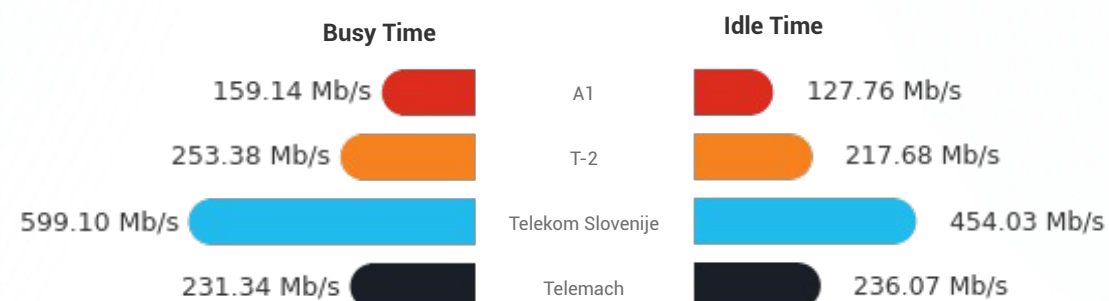
The subscribers of Telekom Slovenije enjoyed the best Fixed Internet Download Speed in 2026.

Download Speed results distribution (average)



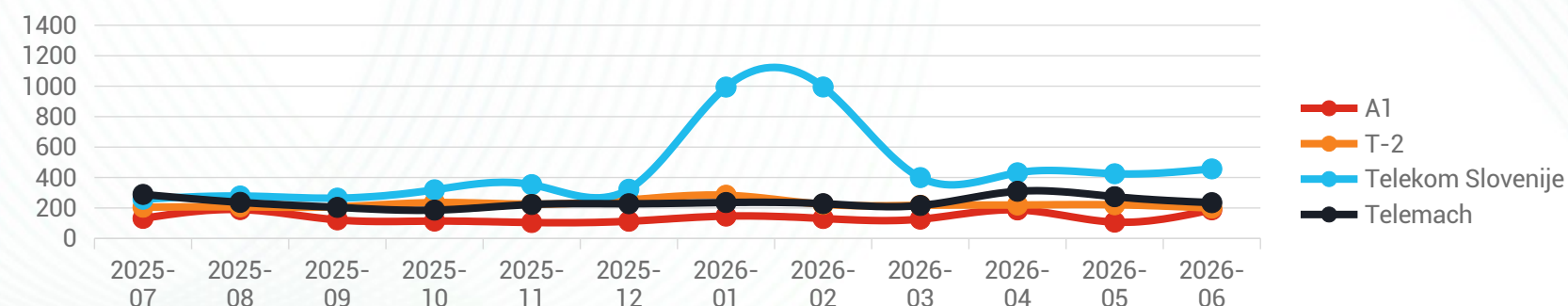
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



Source : nPerf.com



Upload Speed



Upload Speed (average)

A1

47.28 Mb/s

T-2

106.49 Mb/s

Telekom Slovenije

221.09 Mb/s

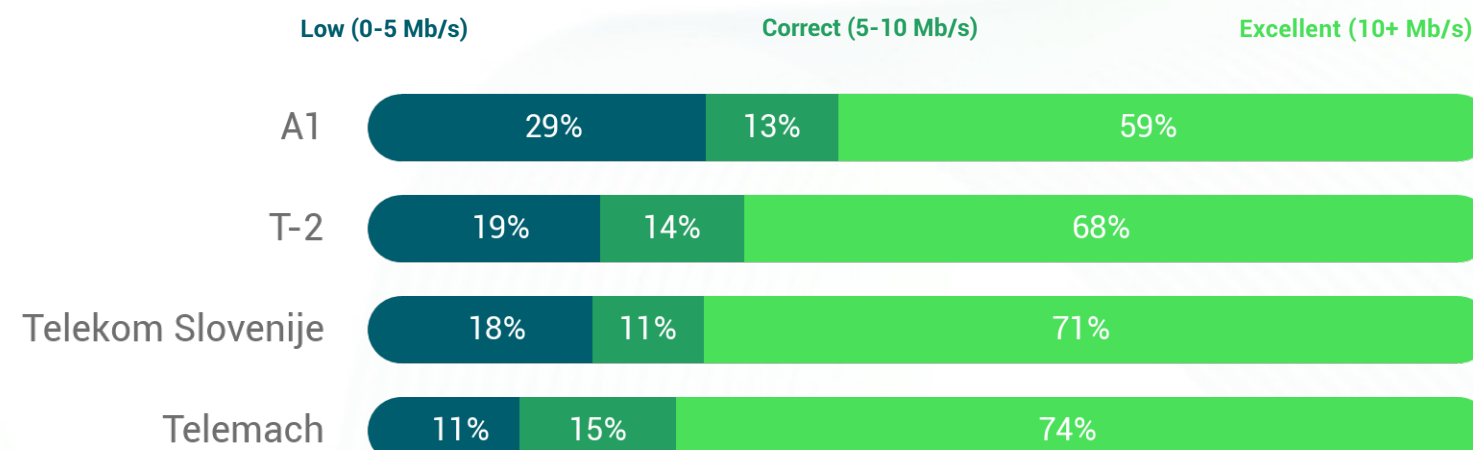
Telemach

73.08 Mb/s

Source : nPerf.com

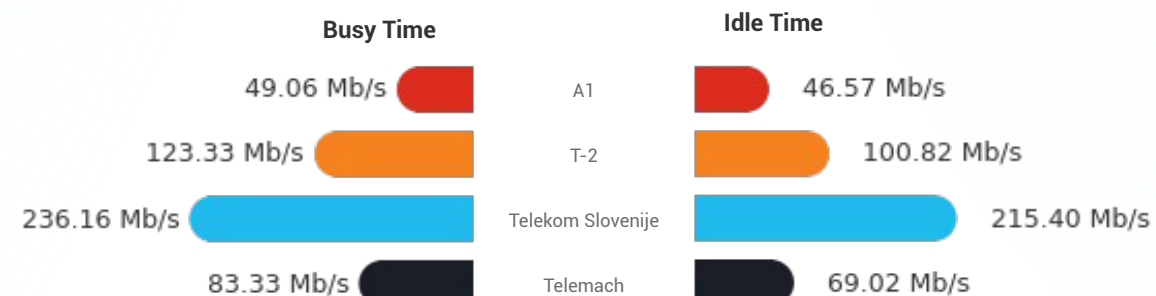
The subscribers of Telekom Slovenije enjoyed the best Fixed Internet Upload Speed in 2026.

Upload Speed results distribution (average)



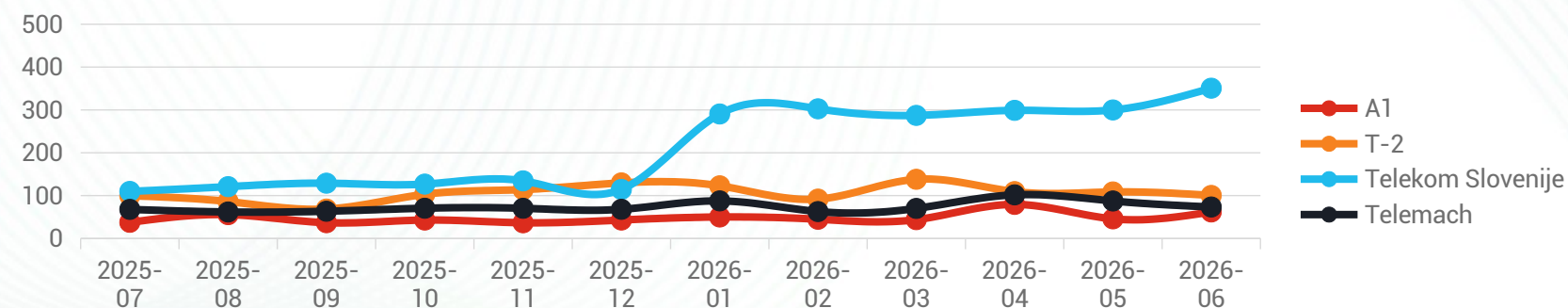
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

Upload Speed evolution over the year (average)



Source : nPerf.com



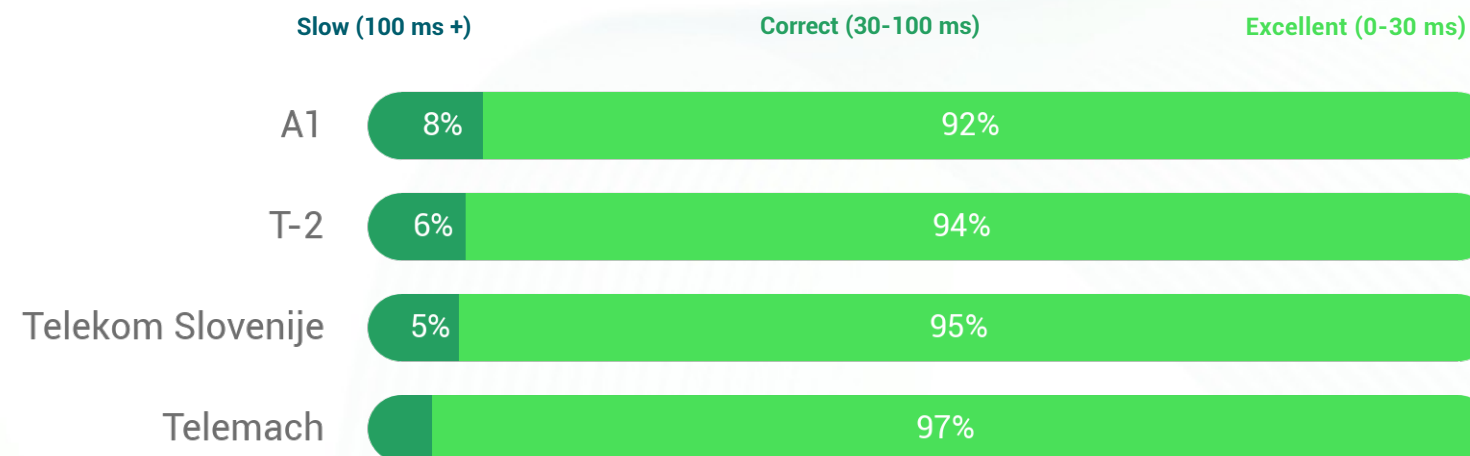
Latency (average)



Source : nPerf.com

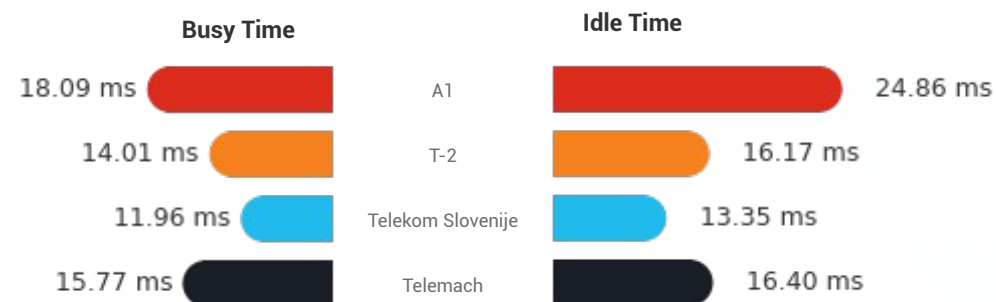
The subscribers of Telekom Slovenije enjoyed the best Fixed Internet Latency in 2026.

Latency results distribution (average)



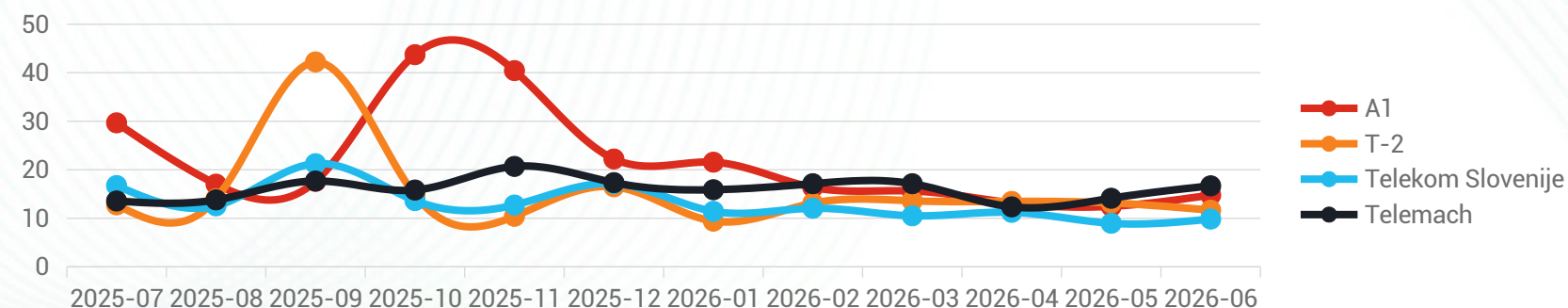
Source : nPerf.com

Latency (average)



Source : nPerf.com

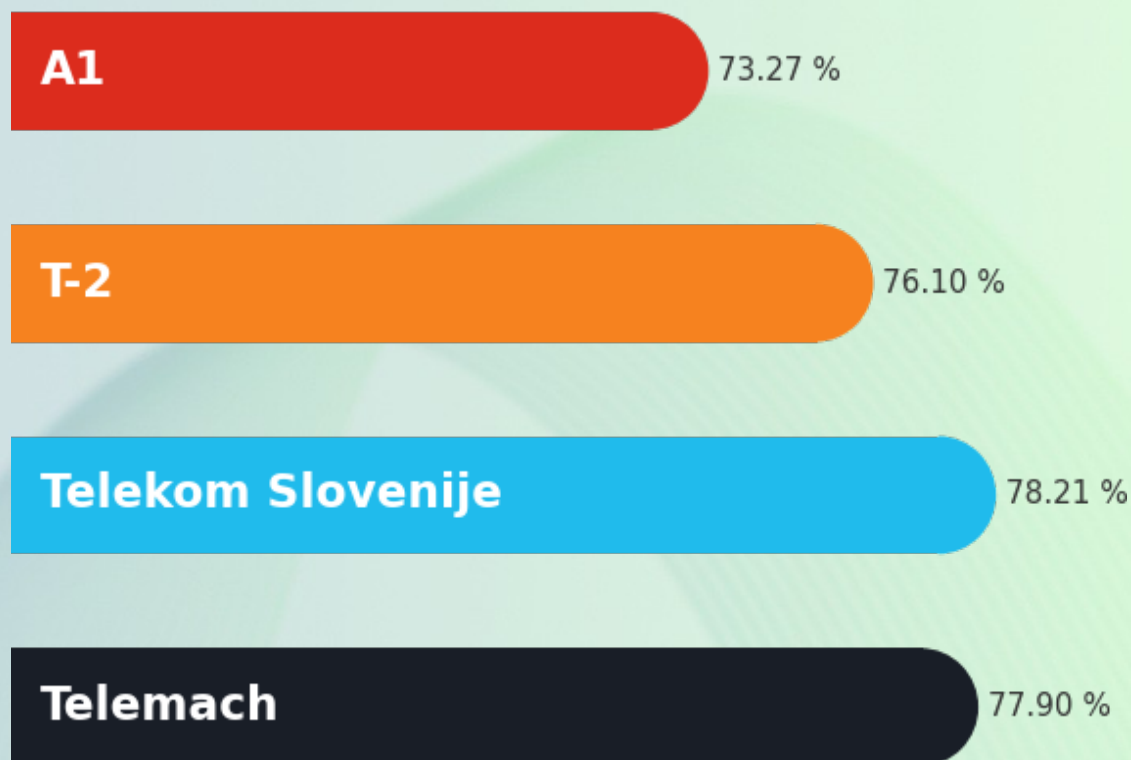
Latency evolution over the year (average)



Source : nPerf.com



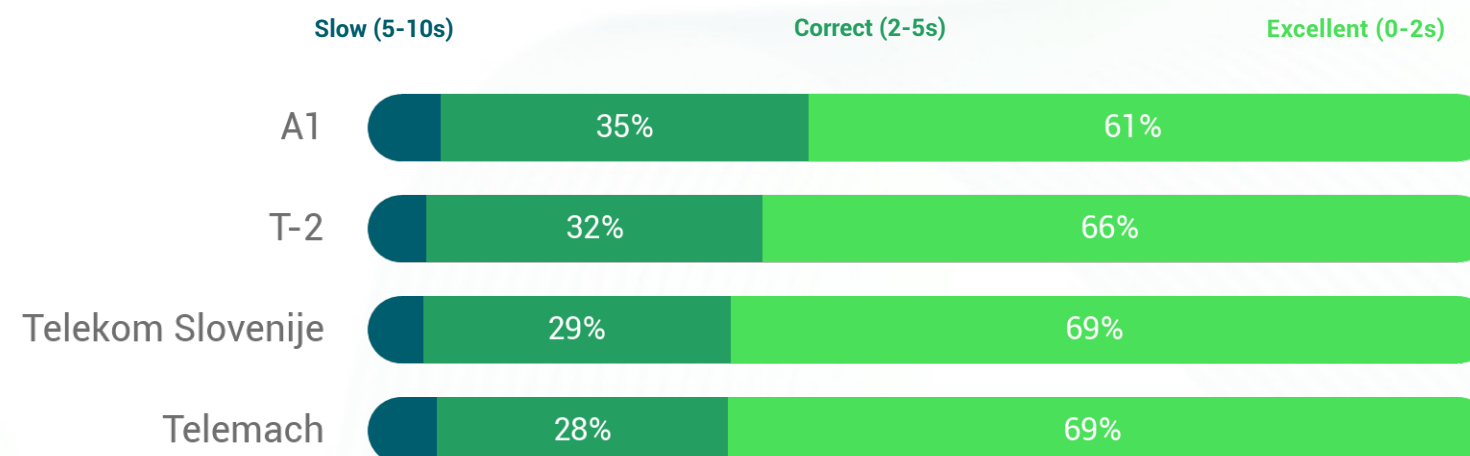
Browsing Performance (average)



Source : nPerf.com

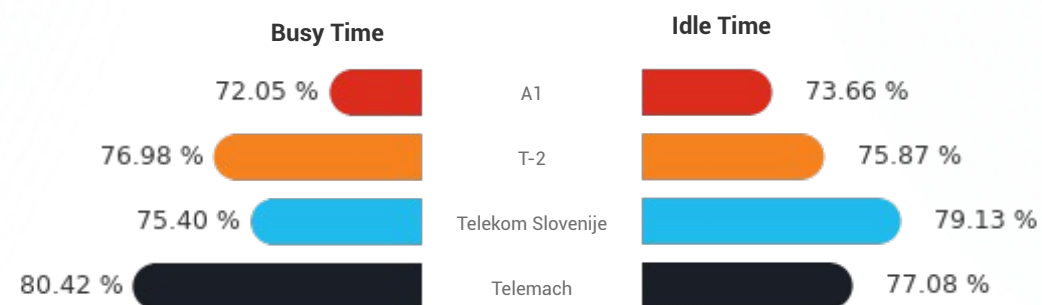
The subscribers of T-2, Telekom Slovenije and Telemach enjoyed the best Fixed Internet Browsing Performance in 2026.

Browsing Performance results distribution (average)



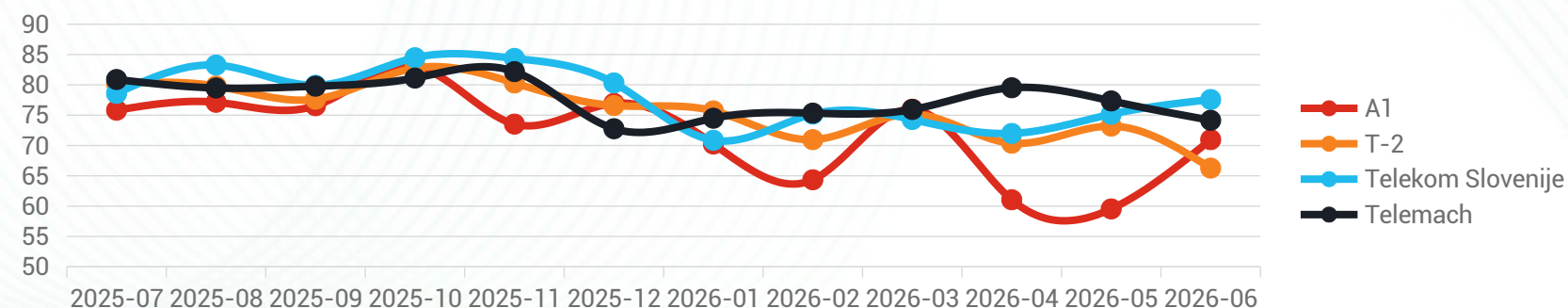
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



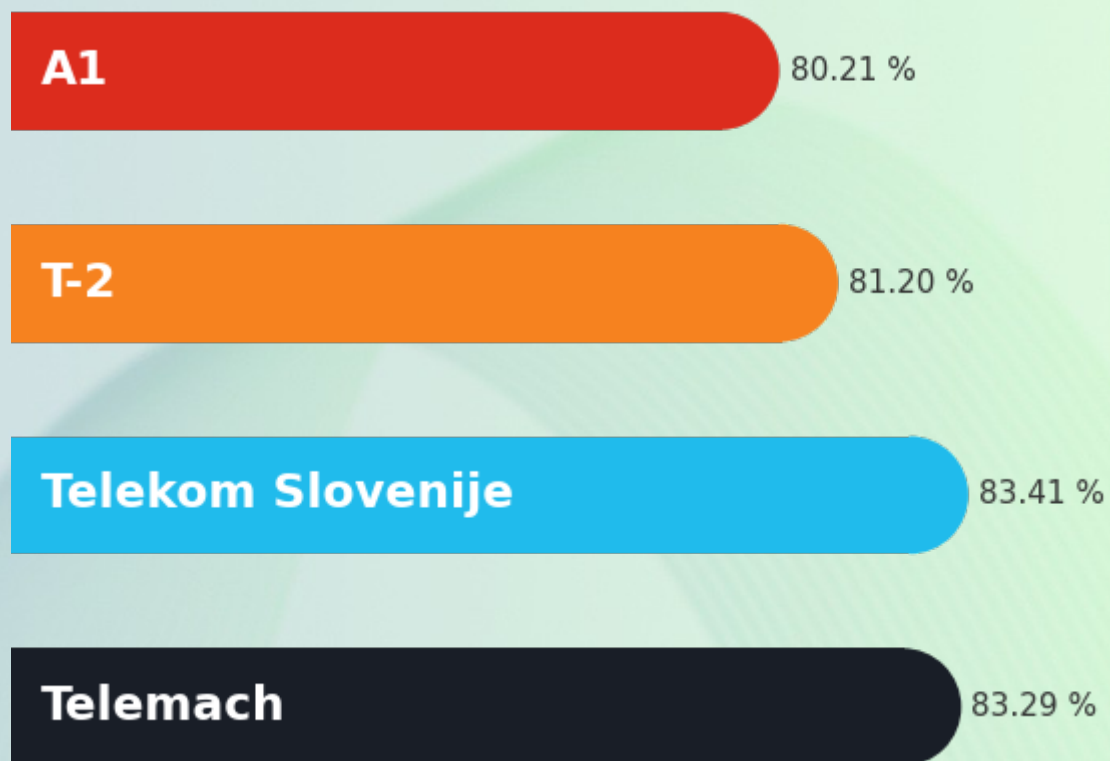
Source : nPerf.com



Streaming Performance



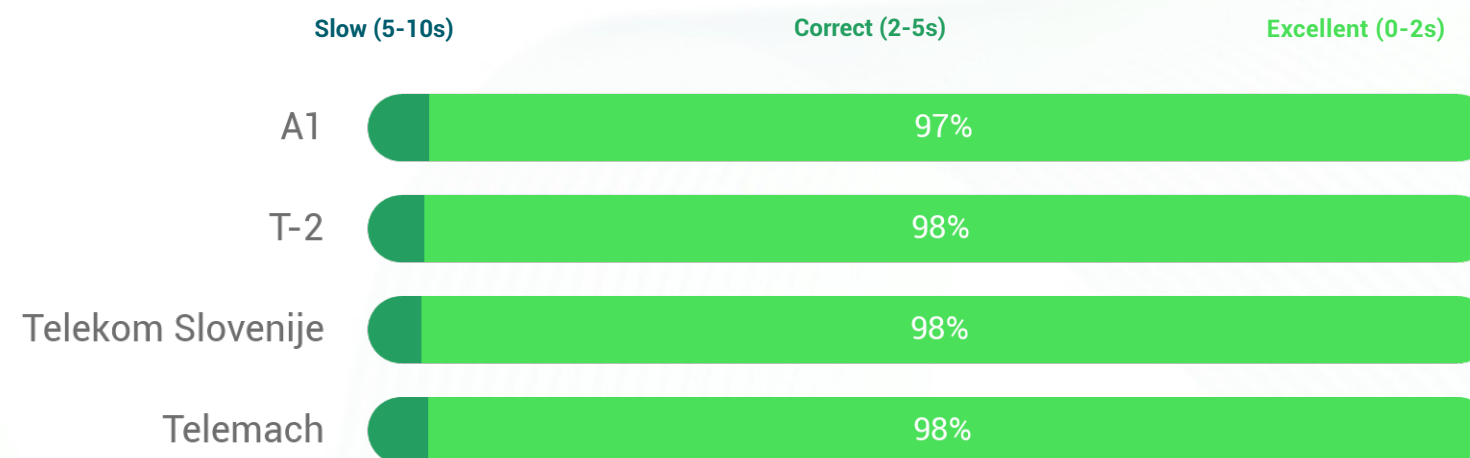
Streaming Performance (average)



Source : nPerf.com

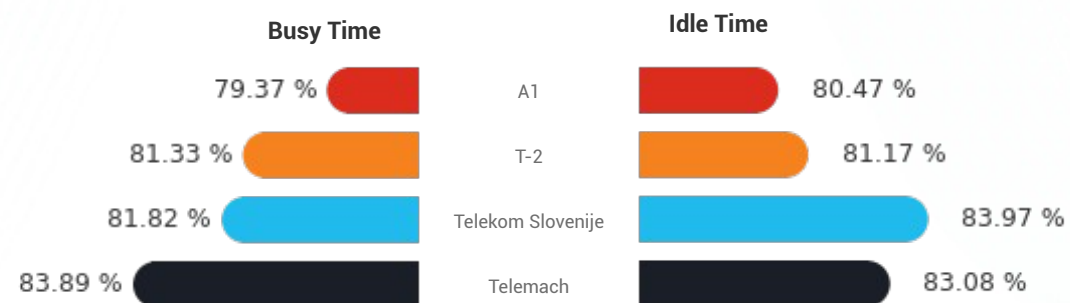
The subscribers of T-2, Telekom Slovenije and Telemach enjoyed the best Fixed Internet Streaming Performance in 2026.

Streaming Performance results distribution (average)



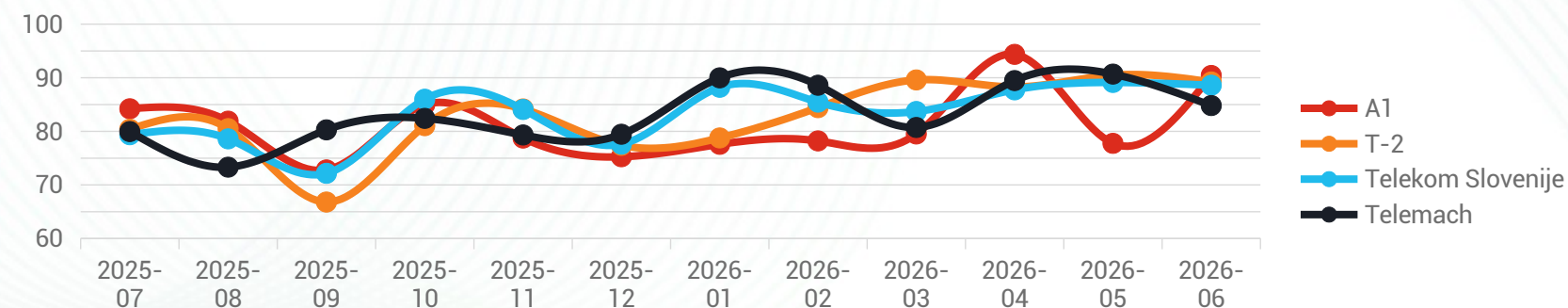
Source : nPerf.com

Streaming Performance (average)

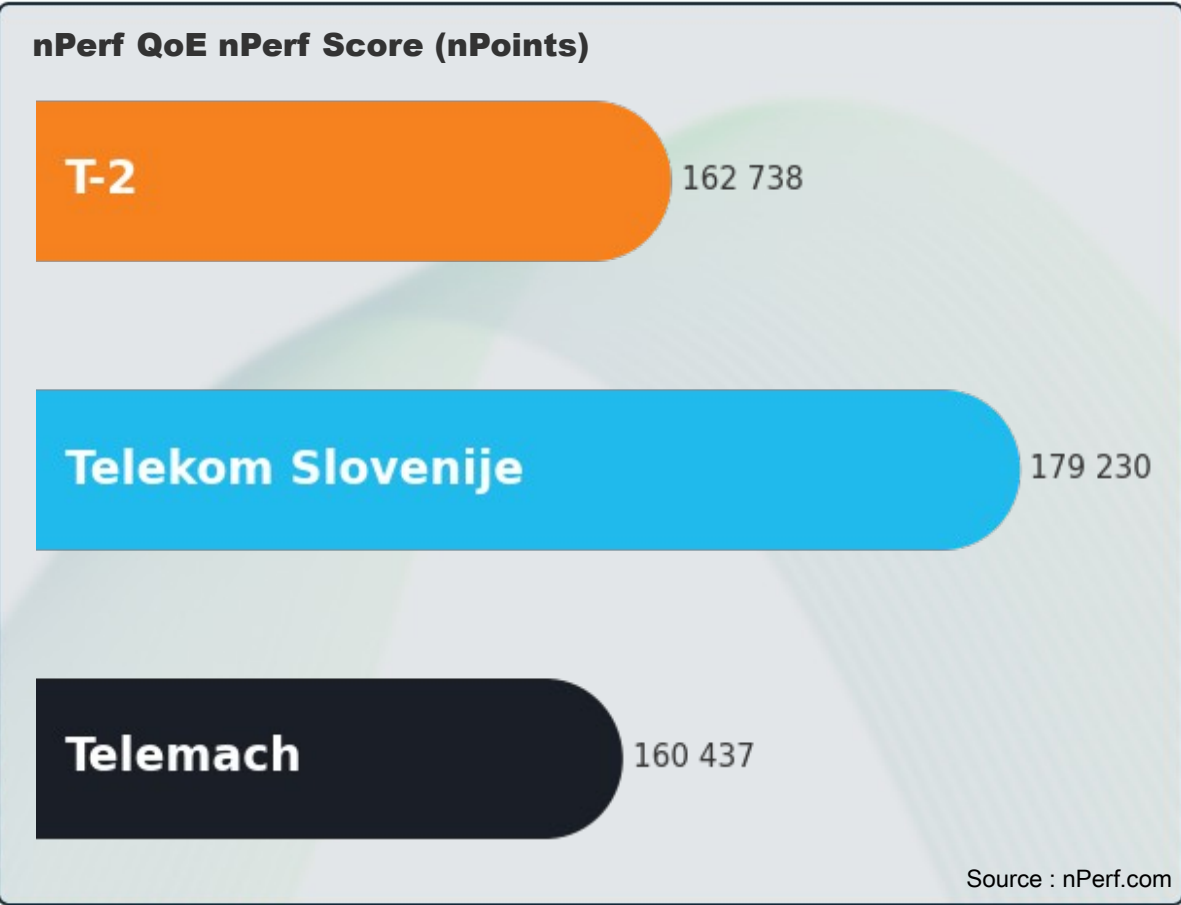


Source : nPerf.com

Streaming Performance evolution over the year (average)

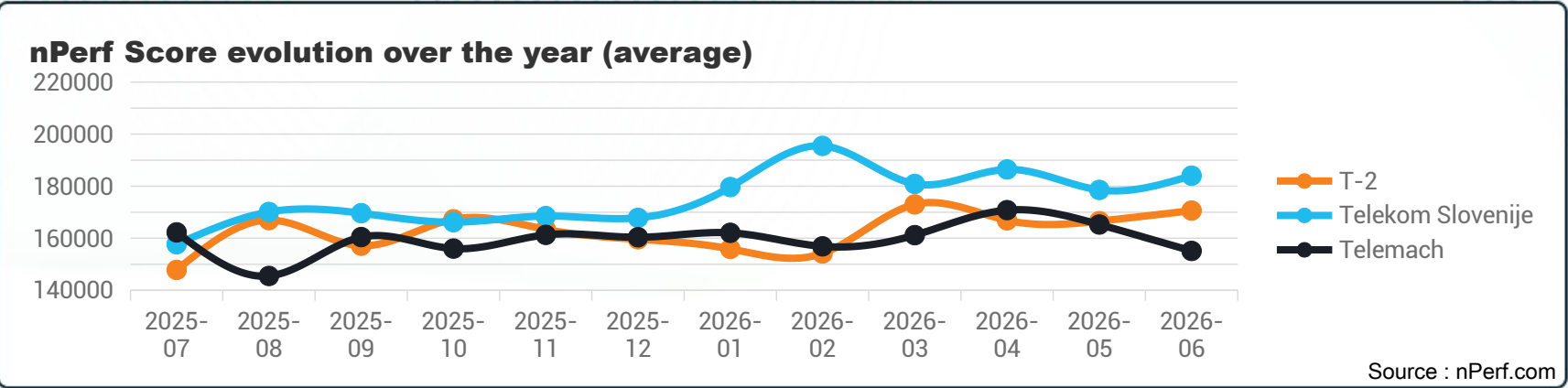


Source : nPerf.com



The subscribers of Telekom Slovenije enjoyed the best FTTH Internet in 2026.

- Best performances FTTH: Telekom Slovenije
 - Fastest performances (Download Speed) FTTH: Telekom Slovenije
 - Fastest performances (Upload Speed) FTTH: Telekom Slovenije
 - FTTH connections with the lowest latency: Telekom Slovenije
 - Best web browsing performances FTTH: T-2, Telekom Slovenije and Telemach
 - Best streaming performances FTTH: T-2, Telekom Slovenije and Telemach
- Source : nPerf.com





Fixed Internet performance in Slovenia



nPerf QoE nPerf Score (nPoints)

A1

106 815

T-2

125 929

Telekom Slovenije

145 953

Telemach

126 624

Source : nPerf.com

The subscribers of Telekom Slovenije enjoyed the best Fixed Internet performances in 2026.

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 2026



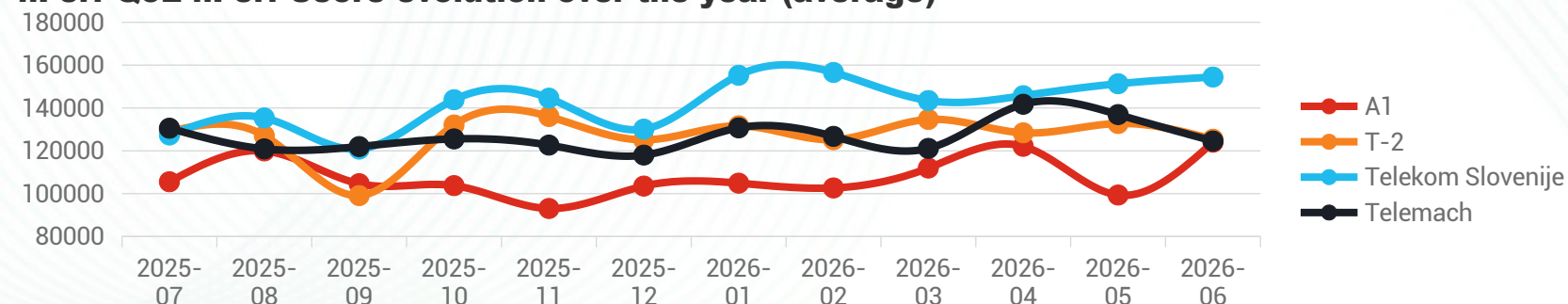
telemach



Source : nPerf.com

nPerf Podium

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com