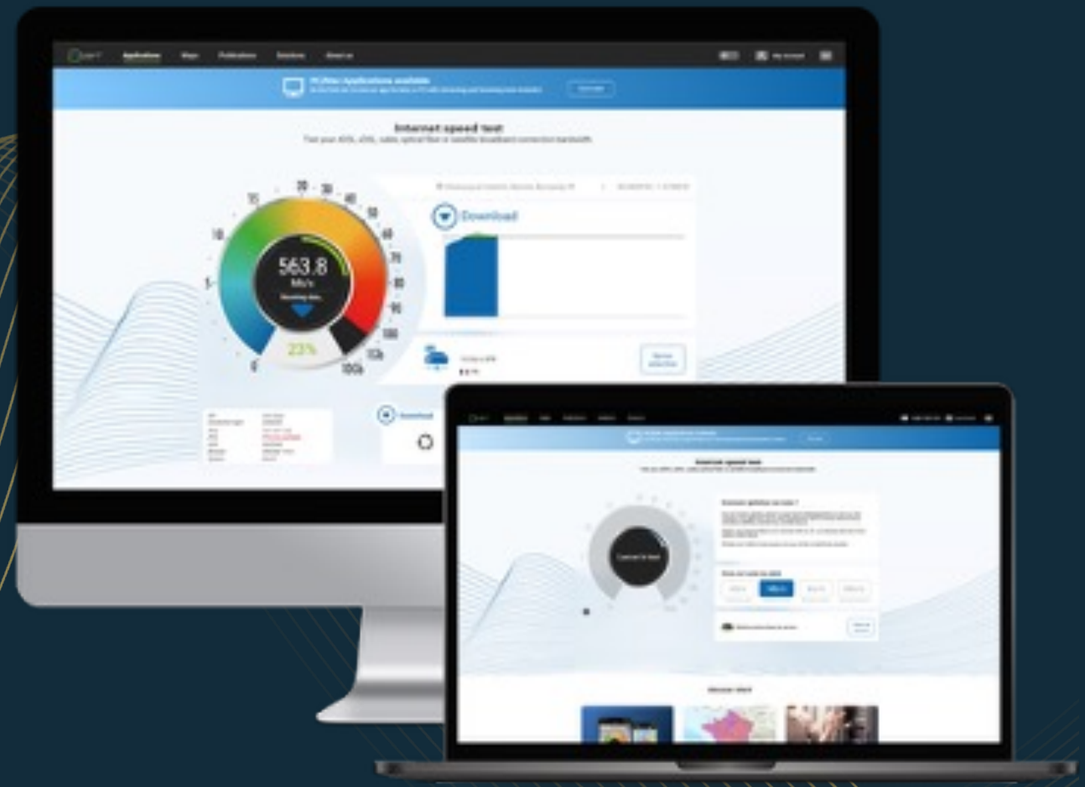
April 2026

Barometer of fixed Internet connections in Montenegro



04/01/2025 - 03/31/2026



V1.0

Agenda

1. Introducing nPerf
2. Executive summary
3. Analysis
4. Methodology
5. nPerf Network assesment

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.

Download on the App Store

Available on Google Play

Test your connection on nPerf.com

2. Executive Summary

The subscribers of Telemach enjoyed the best Fixed Internet performances in 2026 in Montenegro.

Fixed Internet performance in Montenegro

	Mtel	One	Telekom	Telemach
Download bitrates (Mb/s)	83.13	38.32	107.43	130.36
Upload bitrates (Mb/s)	19.74	15.17	42.98	16.64
Latency (ms)	31.12	87.60	79.29	42.11
Web browsing (%)	72.40	69.02	74.75	76.49
Youtube streaming (%)	78.15	81.31	80.27	80.62
nPerf Score (nPoints)	89 270	66 715	88 517	93 292

Source : nPerf.com

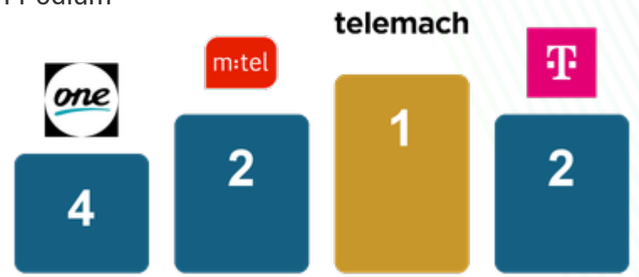
telemach

Best Fixed Internet performance in 2026



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Mtel and Telemach enjoyed the best WIFI Internet in 2026 in Montenegro.

Fixed Internet performance in Montenegro

	Mtel	One	Telekom	Telemach
Download bitrates (Mb/s)	80.47	32.93	86.97	123.58
Upload bitrates (Mb/s)	21.20	16.07	40.66	15.85
Latency (ms)	30.52	93.45	79.71	42.00
Web browsing (%)	75.28	60.30	75.74	78.40
Youtube streaming (%)	81.68	71.90	79.10	83.98
nPerf Score (nPoints)	93 407	56 979	85 460	95 470

Source : nPerf.com

3. Analysis

The best fixed-line Internet performances in Montenegro for the period April 2025 – March 2026 confirm a dynamic and increasingly competitive sector. Based on nPerf measurements, this edition of the barometer highlights meaningful progress across all major operators, with Telemach consolidating its leadership, Mtel climbing the rankings, and both Telekom and One delivering notable improvements in key metrics.

Telemach: Undisputed leader for the second consecutive year

Building on its strong 2025/2026 performance, Telemach once again tops the overall rankings in Montenegro, reinforcing a pattern of consistent growth that nPerf has tracked over five consecutive years. With an overall score of 93,292, Telemach leads the sector in Download speed (Mb/s) at 130.36 Mb/s — a category it has dominated for five years — as well as in Web Browsing (%) and Youtube streaming (%), the latter for the second consecutive year. Its Upload speed (Mb/s) also posted a strong progression of +36% compared to the previous period. These results confirm Telemach as the benchmark for fixed-line quality in Montenegro.

Mtel: A rising challenger with the best latency on the sector

Mtel's trajectory has been one of the most consistent stories in nPerf's Montenegrin barometer, with five straight years of score progression now on record. This year, the operator climbs one place in the overall rankings, moving from 3rd to 2nd position with a score of 89,270. Mtel holds the best Latency (ms) overall — a title it defends for the second consecutive year — and records a remarkable +56% improvement in Upload speed (Mb/s), the strongest upload progression of any operator in this edition. These results establish Mtel as a credible contender at the top of the sector.

Telekom: A broad performer with multi-KPI leadership

Telekom finishes third overall with a score of 88,517, but the gap between second and third is narrow, underlining the competitiveness of the mid-table field. The operator stands out by leading in Upload speed (Mb/s) — a title held for five consecutive years — and also claims top honours in Web Browsing (%) for the third consecutive year, as well as Youtube streaming (%). A +40% improvement in Upload speed (Mb/s) year-on-year further demonstrates that Telekom is not standing still. With five consecutive years of overall score progression, its upward momentum is well established.

One: Streaming breakthrough in a challenging overall picture

One closes the overall ranking with a score of 66,715, but this edition brings a meaningful milestone: the operator records the best Youtube streaming (%) performance across all providers — a first-time achievement. This is backed by a remarkable +25% improvement in streaming year-on-year, signalling genuine progress in content delivery quality. The gap separating One from the top three remains significant, particularly in Download speed (Mb/s) and Web Browsing (%), where the operator ranks last.

What to watch in the year ahead

The Montenegrin fixed-line sector is becoming increasingly stratified: Telemach is widening its lead at the top, while Mtel and Telekom are locked in a tight battle for second place that will likely define next year's narrative. For Telemach, the priority will be to maintain its dominance in download and browsing while closing the gap in Latency (ms), where it currently ranks second. Mtel must sustain its latency advantage and convert its upload momentum into broader score gains to challenge Telemach more directly. Telekom should focus on reinforcing its browsing and upload strengths while addressing areas where its overall score still trails Mtel. For One, the streaming breakthrough is an encouraging signal, but closing the download and browsing gap with the rest of the field is essential to move up the rankings in a future edition.

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

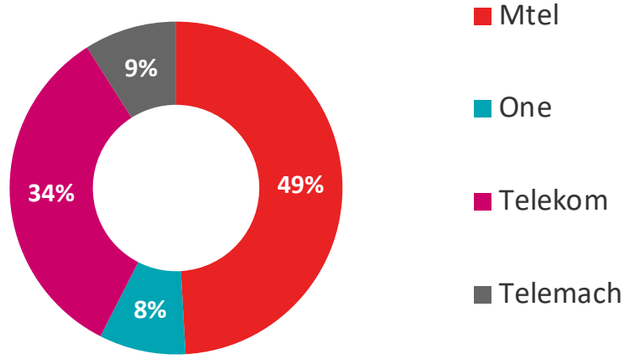
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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.

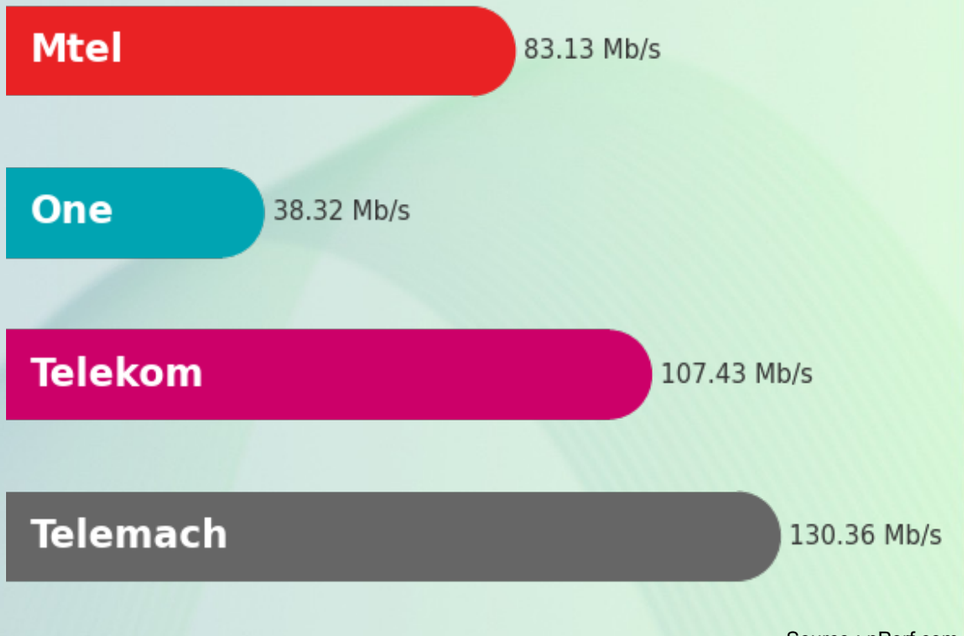
Overall distribution of the tests per provider (ISPs Share)



Source : nPerf.com

Download Speed

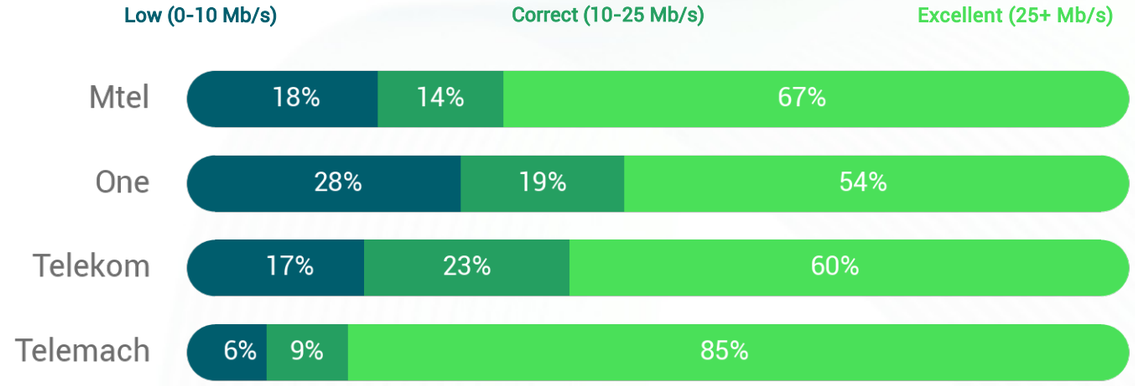
Download Speed (average)



Source : nPerf.com

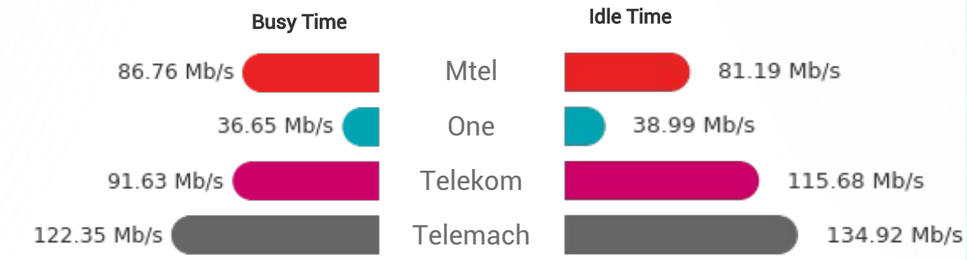
The subscribers of Telemach enjoyed the best Fixed Internet Download Speed in 2026.

Download Speed results distribution (average)



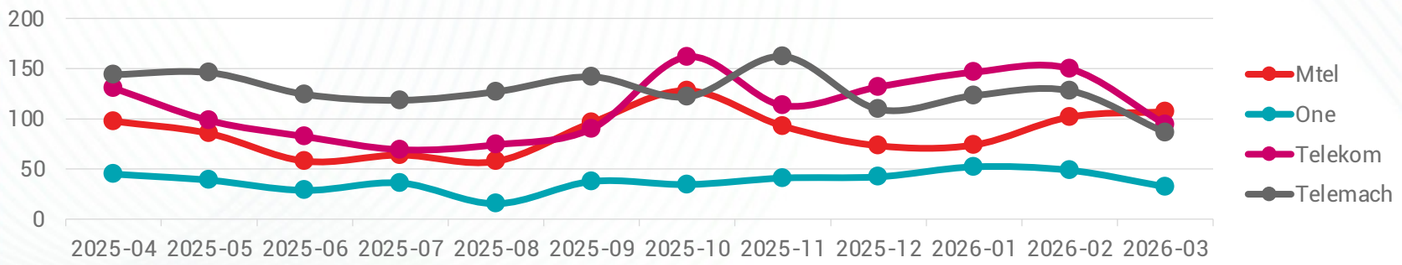
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

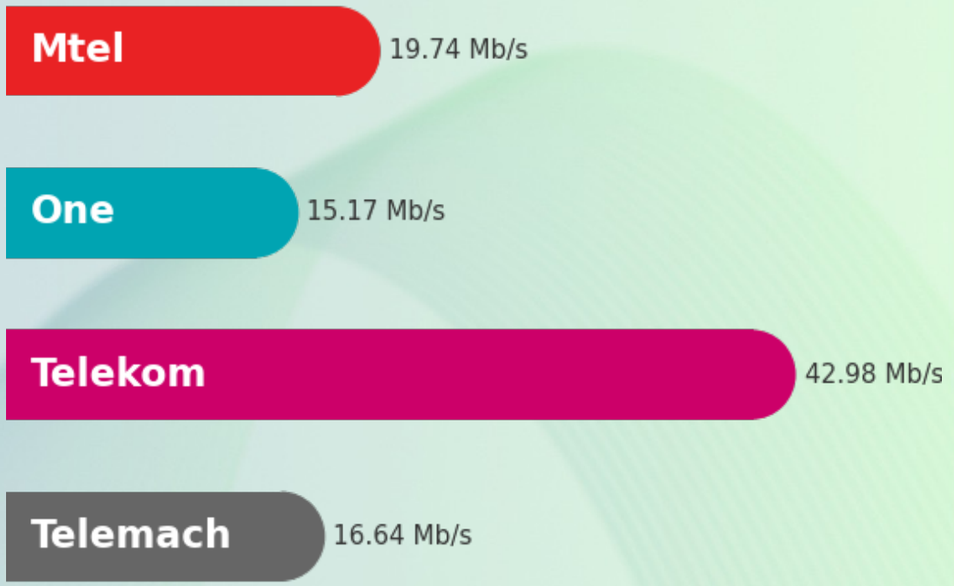
Download Speed evolution over the year (average)



Source : nPerf.com

Upload Speed

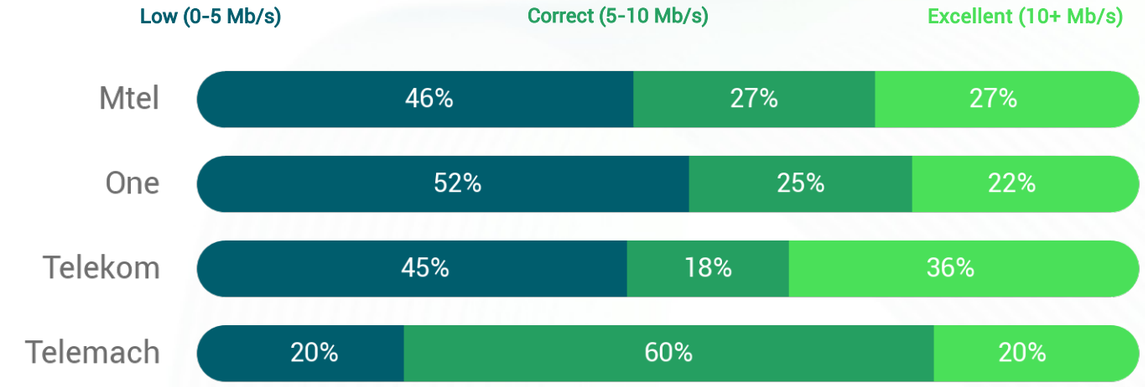
Upload Speed (average)



Source : nPerf.com

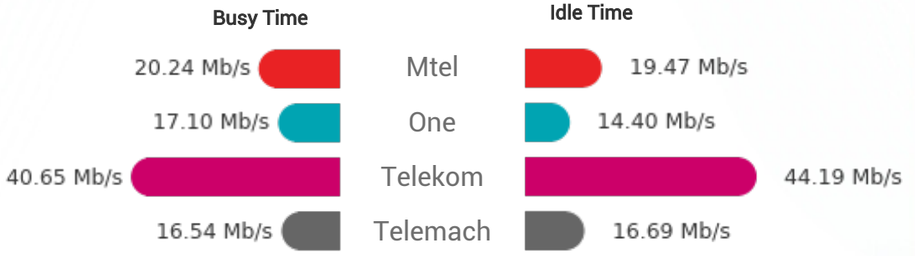
The subscribers of Telekom enjoyed the best Fixed Internet Upload Speed in 2026.

Upload Speed results distribution (average)



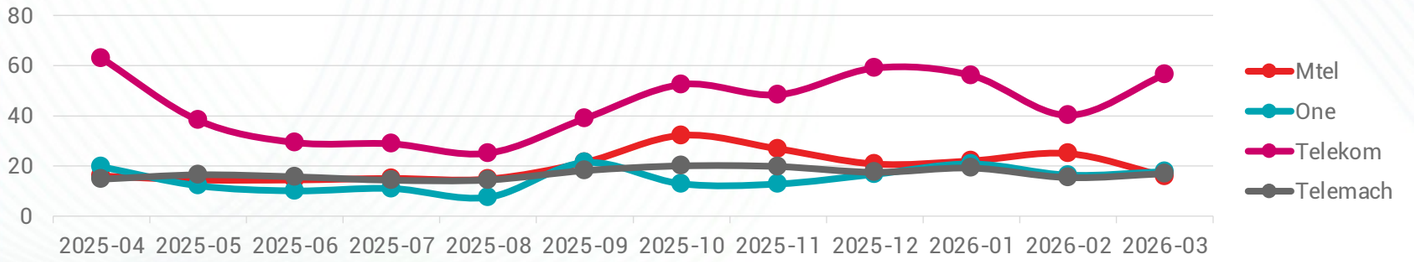
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

Upload Speed evolution over the year (average)



Source : nPerf.com

Latency

Latency (average)



Source : nPerf.com

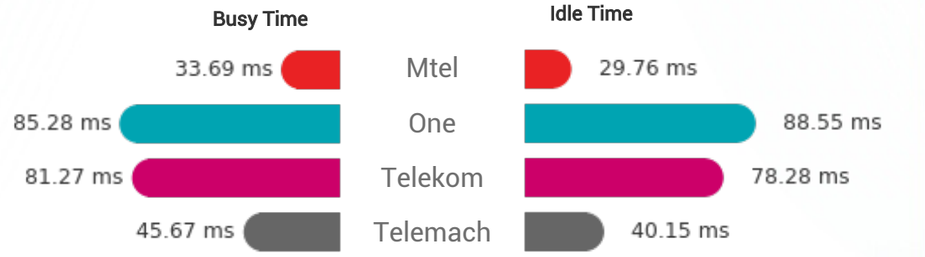
The subscribers of Mtel enjoyed the best Fixed Internet Latency in 2026.

Latency results distribution (average)



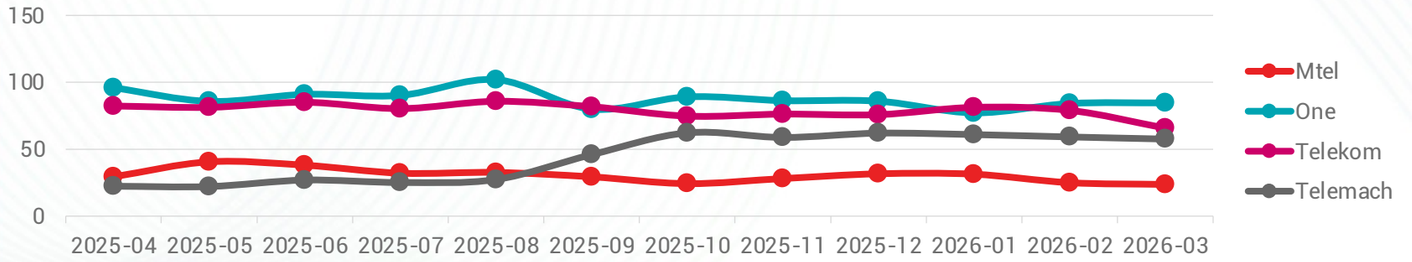
Source : nPerf.com

Latency (average)



Source : nPerf.com

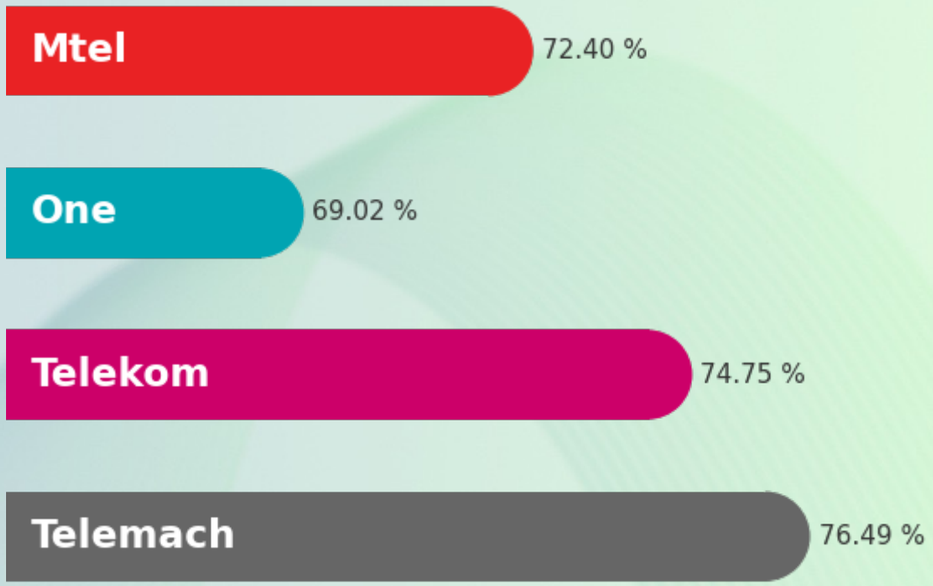
Latency evolution over the year (average)



Source : nPerf.com

Browsing Performance

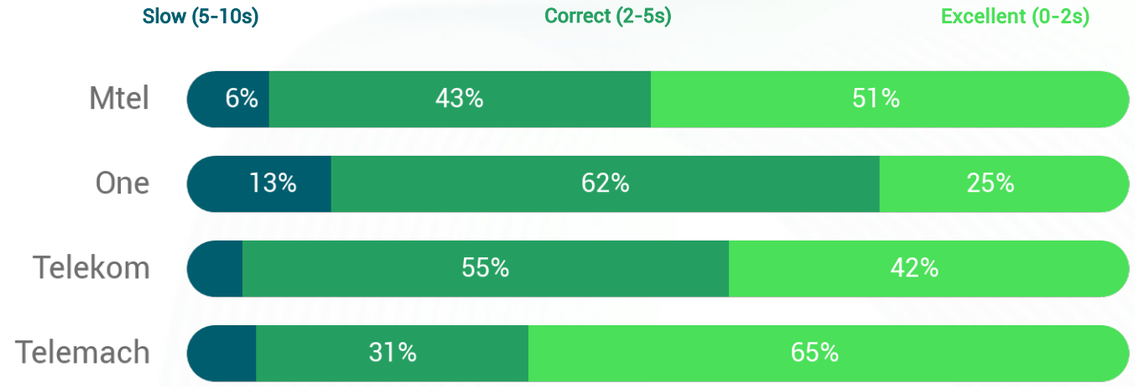
Browsing Performance (average)



Source : nPerf.com

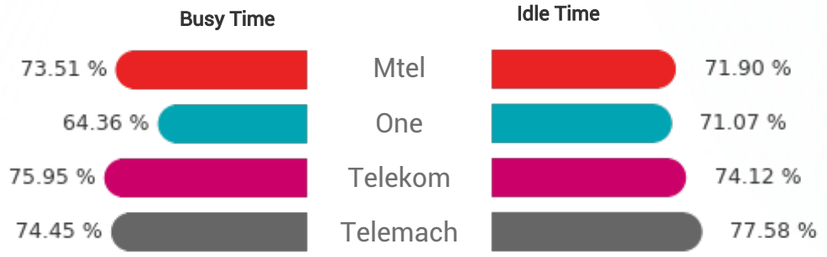
The subscribers of Telekom and Telemach enjoyed the best Fixed Internet Browsing Performance in 2026.

Browsing Performance results distribution (average)



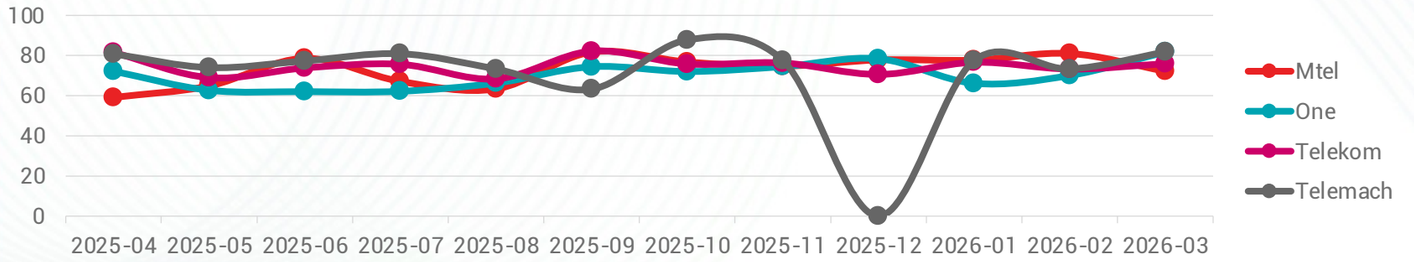
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

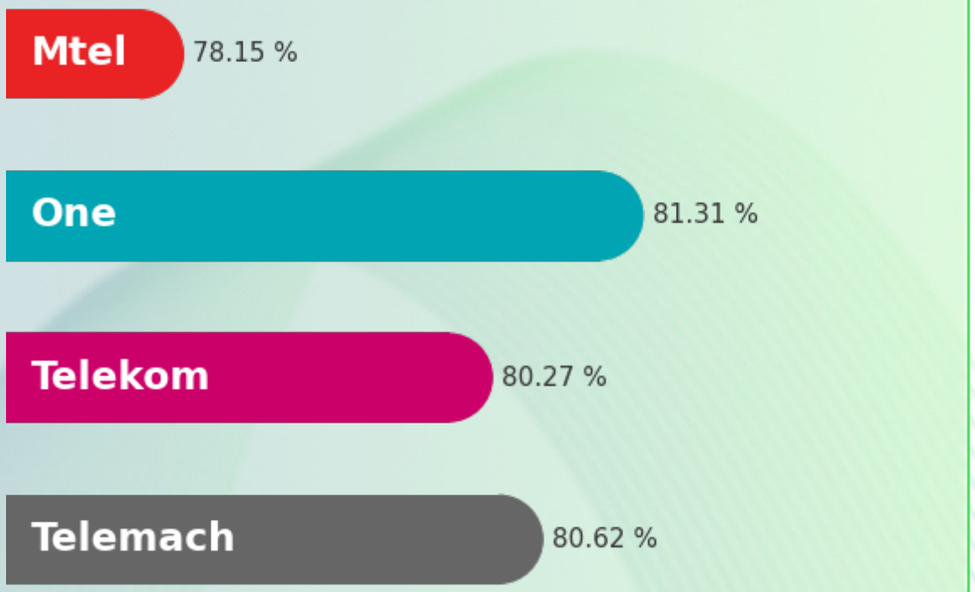
Browsing Performance evolution over the year (average)



Source : nPerf.com

Streaming Performance

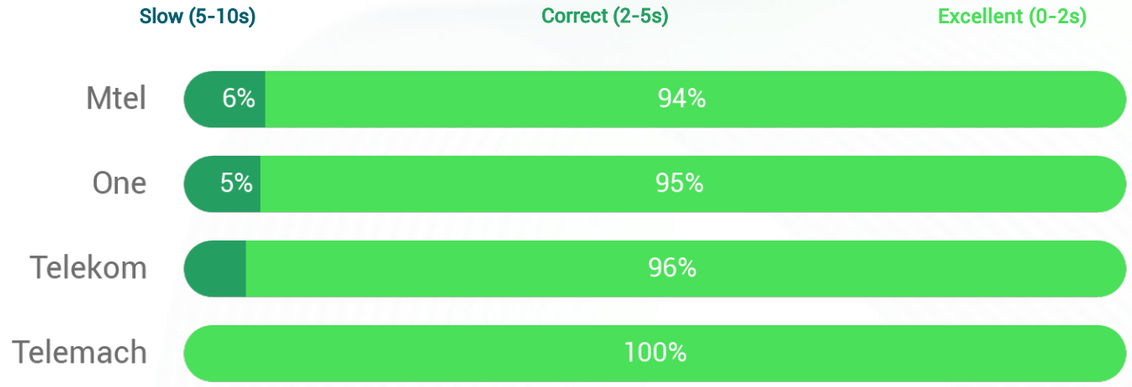
Streaming Performance (average)



Source : nPerf.com

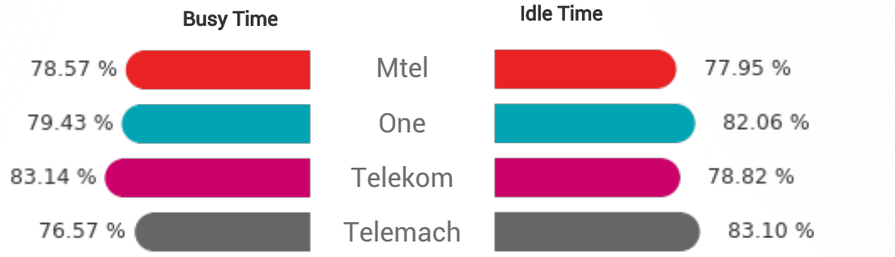
The subscribers of One, Telekom and Telemach enjoyed the best Fixed Internet Streaming Performance in 2026.

Streaming Performance results distribution (average)



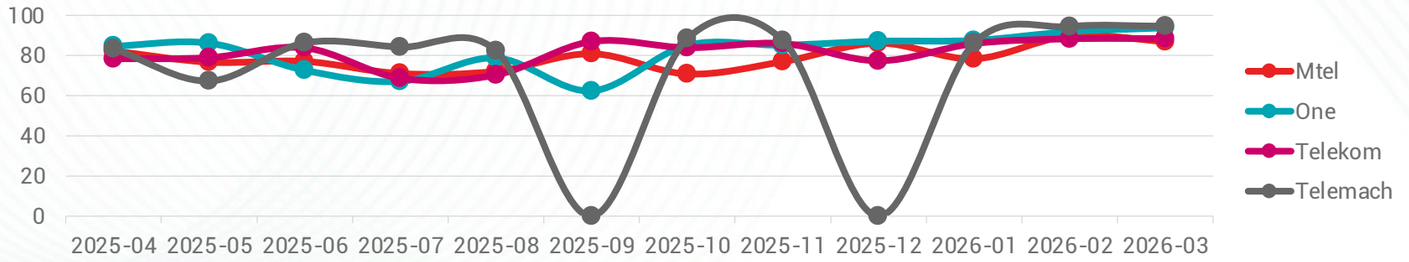
Source : nPerf.com

Streaming Performance (average)



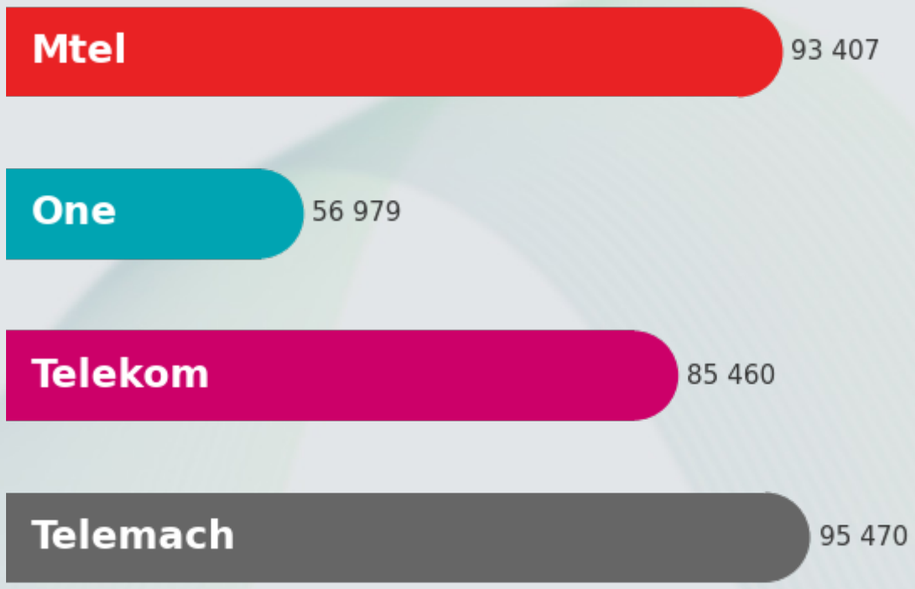
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Mtel and Telemach enjoyed the best WIFI Internet in 2026.

Best performances WIFI: Mtel and Telemach

Fastest performances (Download Speed) WIFI: Telemach

Fastest performances (Upload Speed) WIFI: Telekom

WIFI connections with the lowest latency: Mtel

Best web browsing performances WIFI: Telemach

Best streaming performances WIFI: Mtel and Telemach

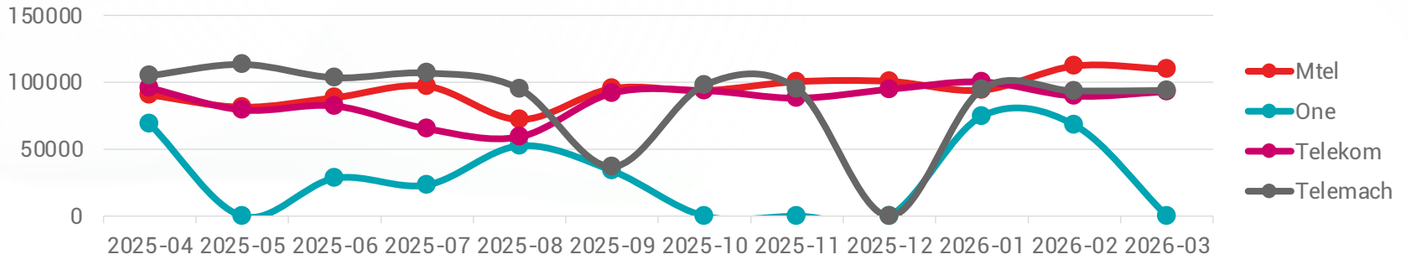
Source : nPerf.com

nPerf Podium



Source : nPerf.com

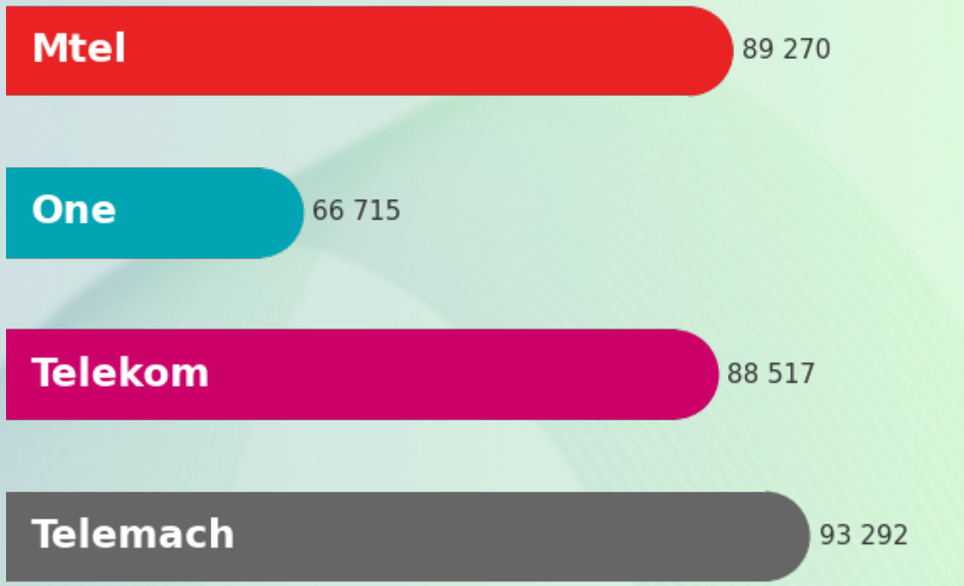
nPerf Score evolution over the year (average)



Source : nPerf.com

Fixed Internet performance in Montenegro

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Telemach 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.

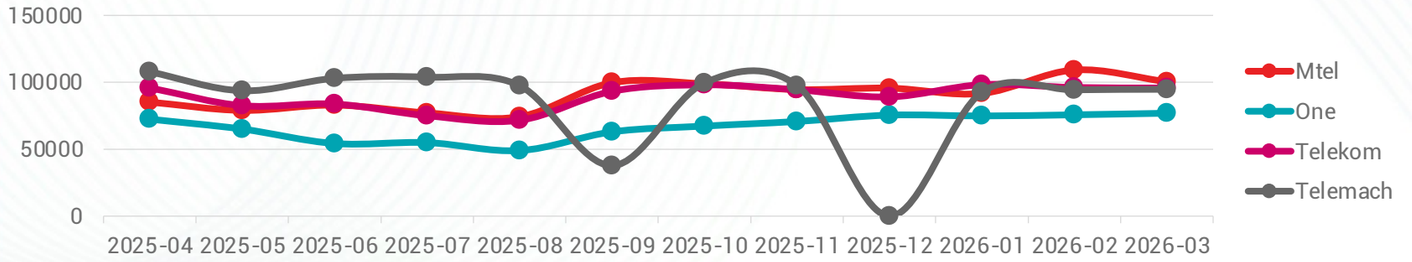
Source : nPerf.com

nPerf Podium



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com


nperf
We qualify your connection