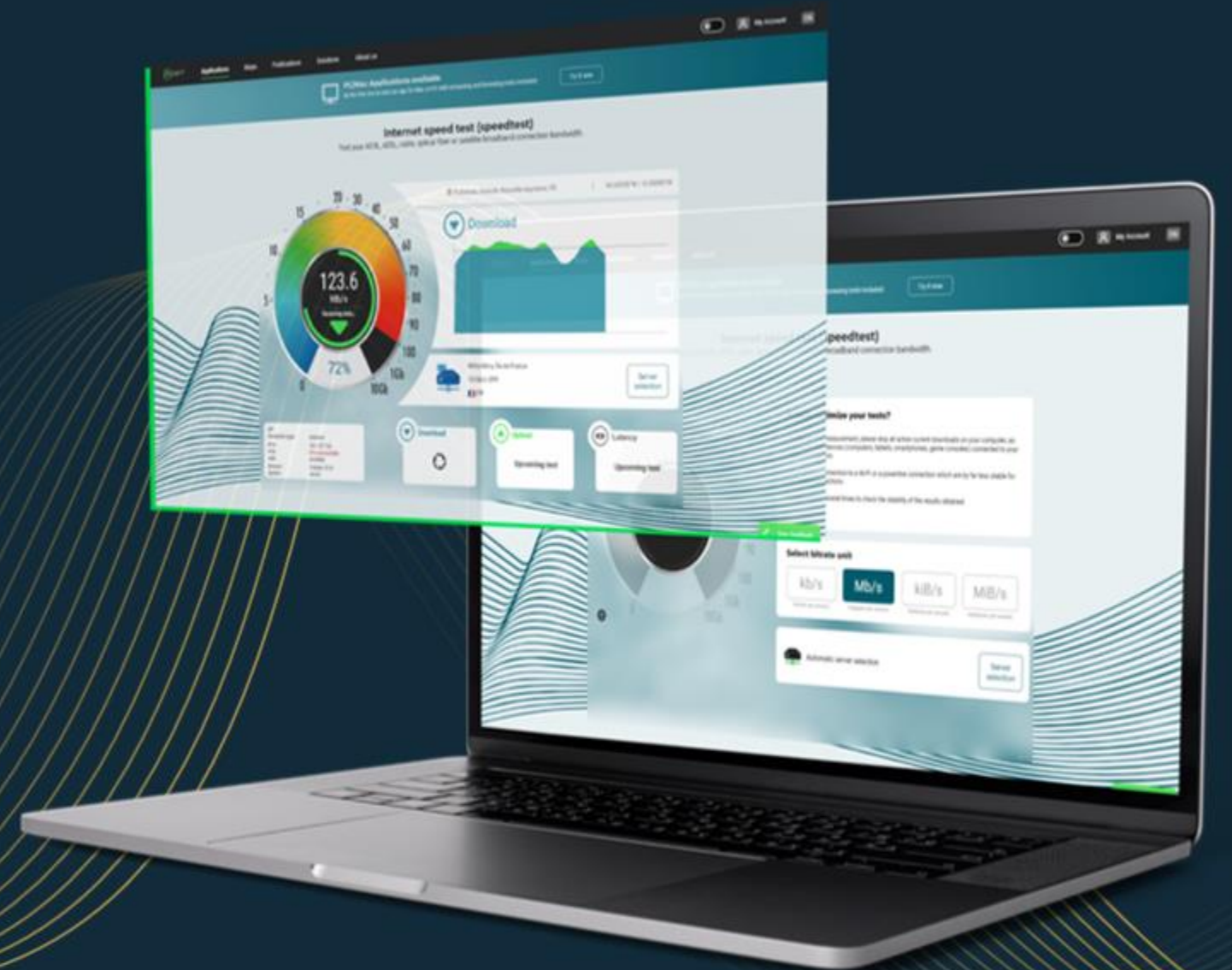
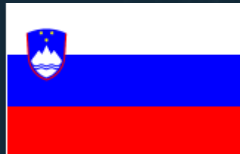


# Barometer of fixed Internet connections in Slovenia

01/01/2024 - 12/31/2024



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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.

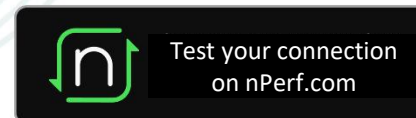
 **300k+** tests daily worldwide.

 **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 T-2 enjoyed the best fixed Internet performances in 2024.

### Fixed Internet connections in Slovenia

	A1	<u>T-2</u>	Telekom	Telemach
▼ Download bitrates (Mb/s)	143,74	202,35	154,73	156,41
▲ Upload bitrates (Mb/s)	45,00	81,63	57,59	55,85
◀▶ Latency (ms)	17,18	14,22	20,39	16,50
🌐 Web browsing (%)	79,67	79,52	79,05	79,31
🎥 Youtube streaming (%)	86,14	86,55	86,16	86,84
📄 nPerf Score (nPoints)	119 947	130 829	119 648	123 235

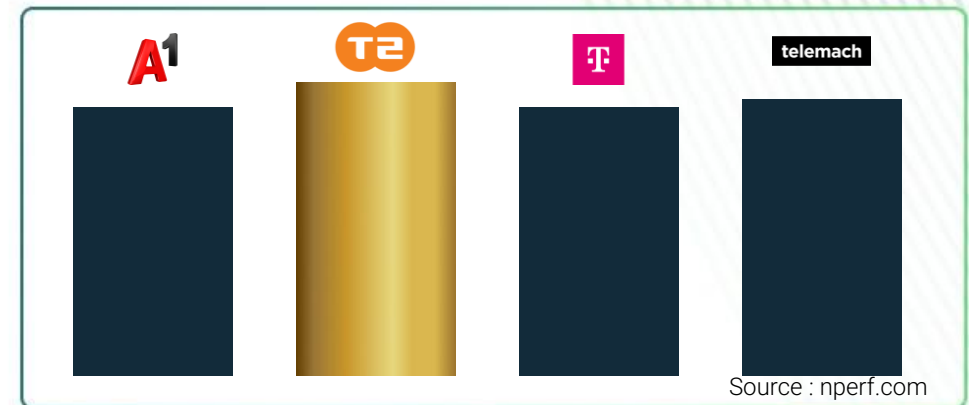
Source : nperf.com



Best fixed Internet performance in 2024




Source : nperf.com



Source : nperf.com

The subscribers of T-2 enjoyed the best WIFI Internet performances in Slovenia in 2024.

### WIFI Fixed Internet connections in Slovenia

	A1	T-2	Telekom	Telemach
▼ Download bitrates (Mb/s)	120,63	142,33	142,67	108,74
▲ Upload bitrates (Mb/s)	42,43	63,00	59,27	46,10
◀▶ Latency (ms)	17,89	12,73	17,13	17,45
🌐 Web browsing (%)	80,25	81,06	81,13	81,22
📺 Youtube streaming (%)	86,29	87,47	86,89	88,25
 nPerf Score (nPoints)	117 230	127 567	123 302	118 815

Source : nperf.com



### Introduction

In 2024, the market landscape has evolved significantly. The current market leader, T-2, has emerged as the sole leader, showcasing a strong performance in several key areas. Notably, the Score nPerf has shown a substantial improvement, indicating a positive trend in overall market performance. T-2 has solidified its position as the market winner, establishing new leadership in 2024. The market also highlights co-leaders in various categories, particularly in Browsing and Streaming, where multiple operators share top positions. The focus on WiFi technology continues to be prominent.

### T-2: Market Leader with Exceptional Performance

For the period of Q1 2024 to Q4 2024, T-2 stands as the market leader with a remarkable Score nPerf. T-2 dominates in key performance indicators such as Download and Upload speed, and Latency. Additionally, T-2 is a co-leader in Browsing and Video streaming, sharing these accolades with other top operators. The operator demonstrates significant prowess in WiFi technology, confirming its leading position in this specific focus area.

### Telekom: Excellence in Streaming

Telekom, while not the market leader, excels in the category of Video streaming. The operator also shows substantial improvement in its overall score, with a notable increase of over 19.3%. Telekom's strengths lie in its consistent performance across various KPI categories, contributing significantly to the competitive market landscape.

### Telemach: Strong Performance in Download and Streaming

Telemach is recognized for its strong performance in Download speed and Video streaming. The operator also shares co-leadership in Streaming, highlighting its competitive edge in providing high-quality services. With a commendable improvement in its overall score, Telemach reinforces its position as a key player in the market.

### A1: Co-leader in Browsing and Streaming

A1 holds a co-leader position in both Browsing and Video streaming, showcasing its strength in these categories. Despite not being the overall market leader, A1's performance in these areas underscores its competitive standing. The operator continues to be a significant contributor to the market's diversity and innovation.

### Conclusion

T-2 emerges as the clear market leader in 2024, with strong performances across multiple KPIs and a notable focus on WiFi technology. Co-leaders in Browsing and Streaming, such as Telekom, Telemach, and A1, demonstrate the competitive nature of the market. The ongoing advancements in fixed-line and mobile technologies highlight the vibrant and dynamic environment of the telecommunications industry, promising continued growth and innovation.

## 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 main 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

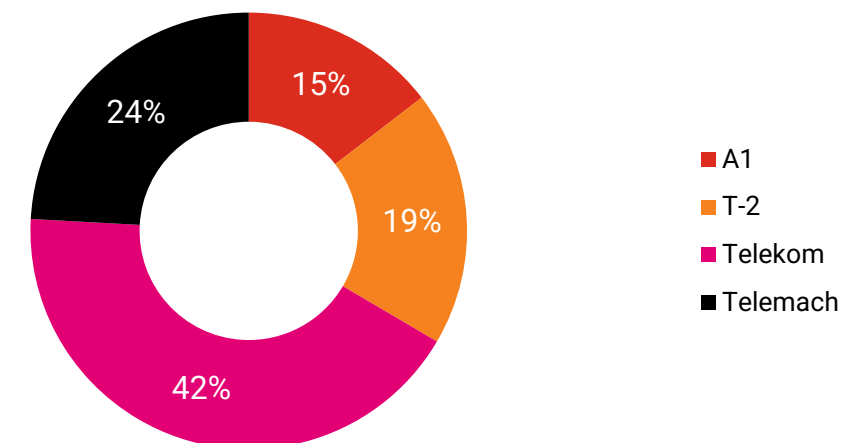
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 3% precision for absolute values, 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



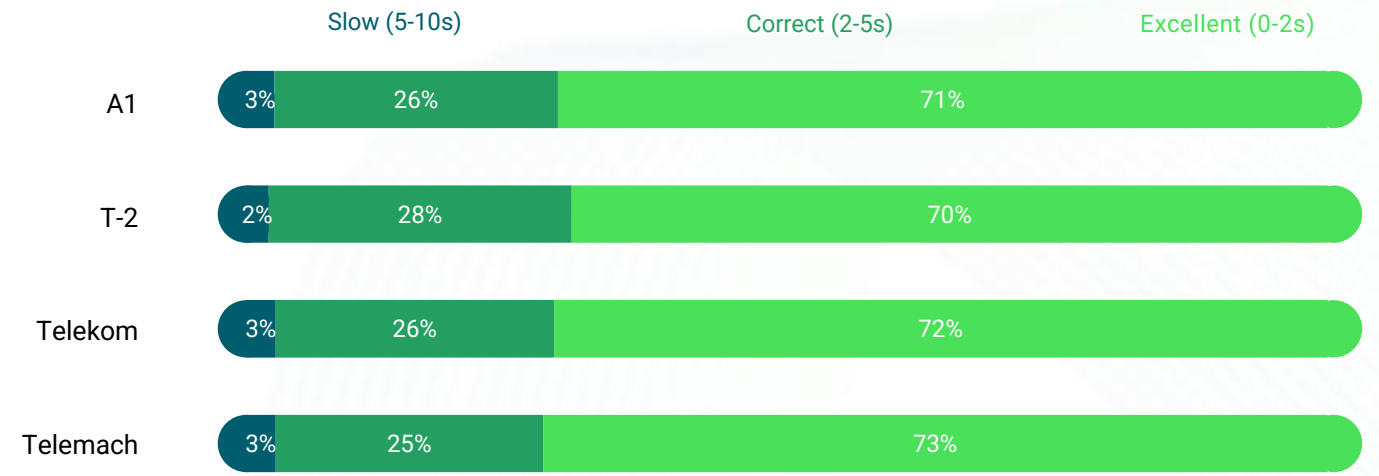
## Browsing Performance rate (average)



Source : nperf.com

The subscribers of A1, T-2, Telekom and Telemach enjoyed the best fixed Internet browsing performance in 2024.

## Browsing Performance results ventilation (average)



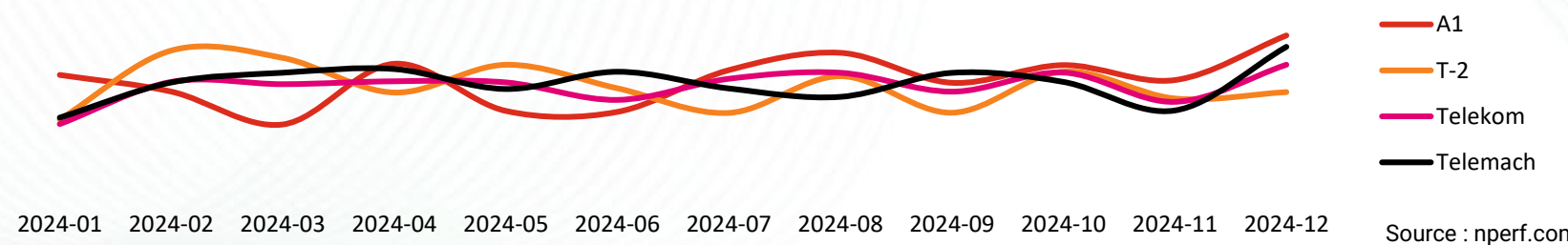
Source : nperf.com

## Browsing Performance rate (average)



Source : nperf.com

## Browsing performance rate (average) evolution over the year



Source : nperf.com





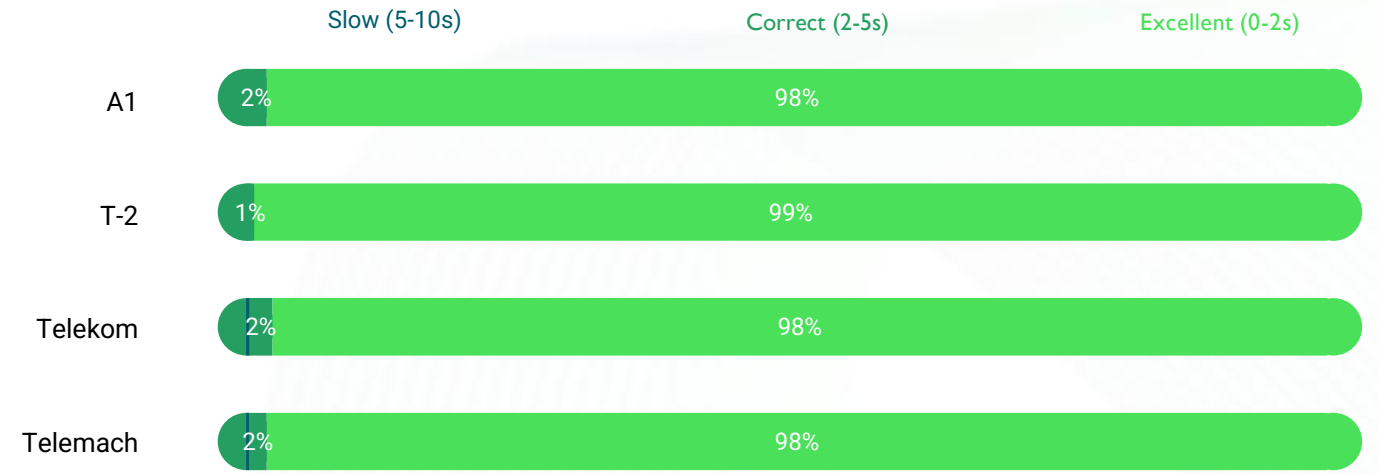
## Streaming Performance rate (average)



Source : nperf.com

The subscribers of A1, T-2, Telekom and Telemach enjoyed the best fixed Internet streaming performance in 2024.

## Streaming Performance results ventilation (average)



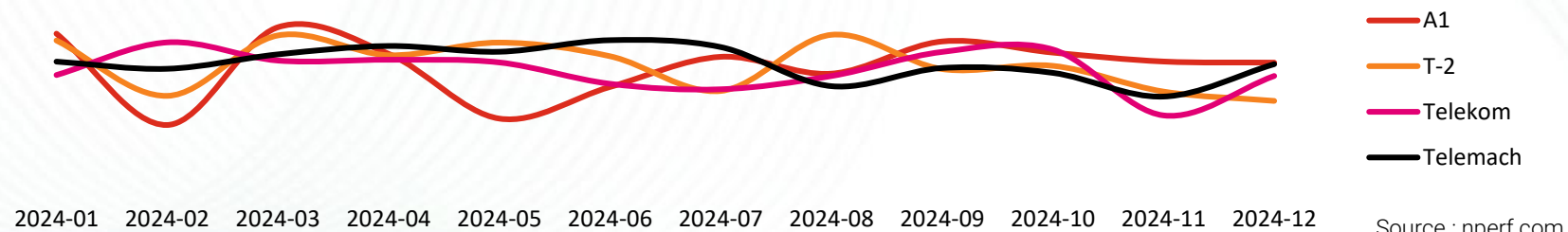
Source : nperf.com

## Streaming Performance rate (average)



Source : nperf.com

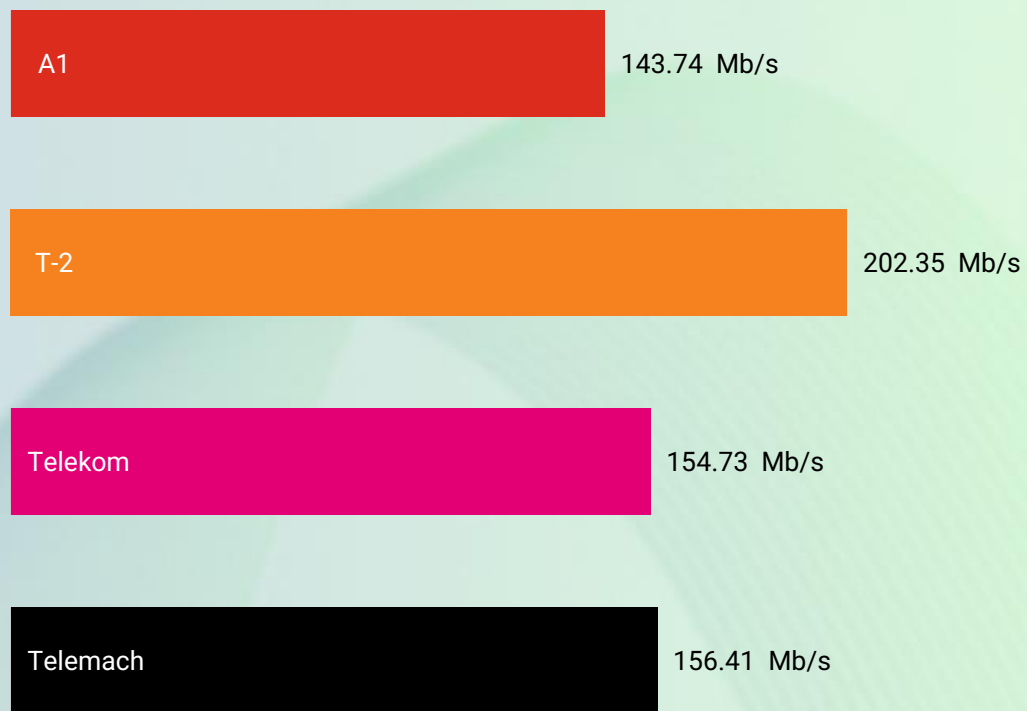
## Streaming performance rate (average) evolution over the year



Source : nperf.com



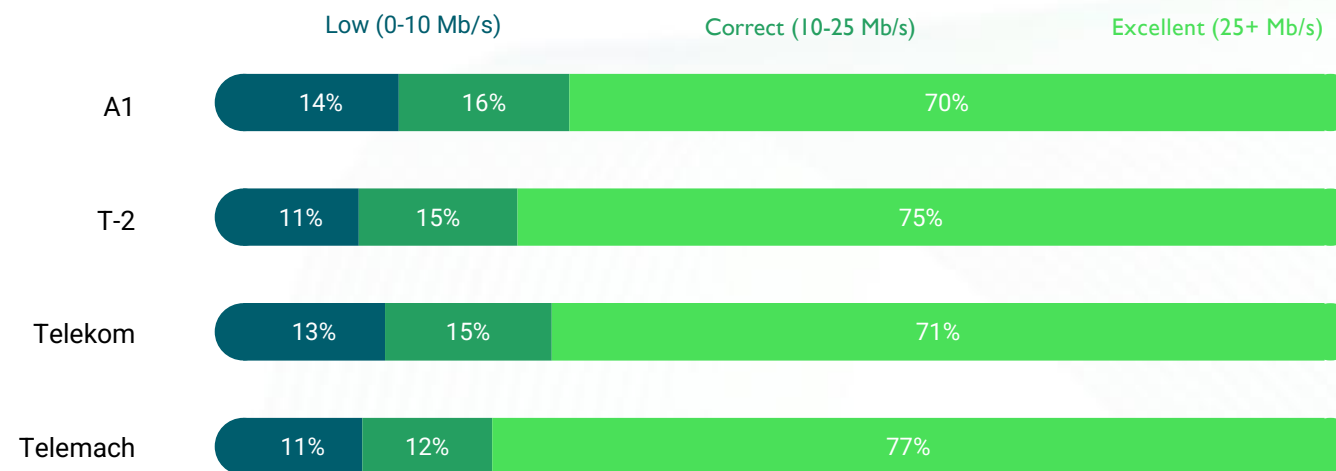
## Download Speed (average)



Source : nperf.com

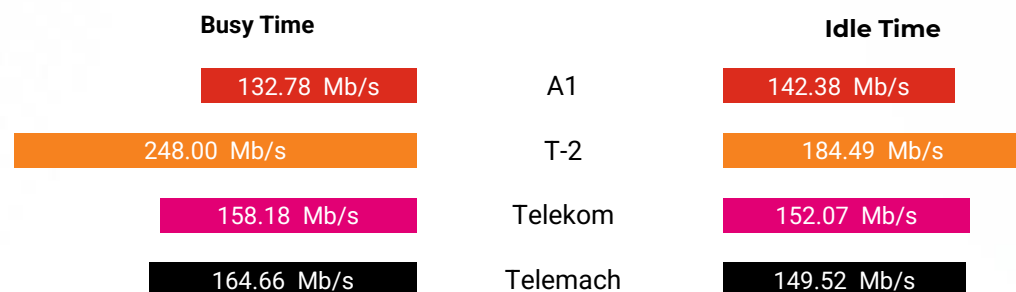
The subscribers of T-2 enjoyed the best average fixed Internet download speed in 2024.

## Download Speed results ventilation (average)



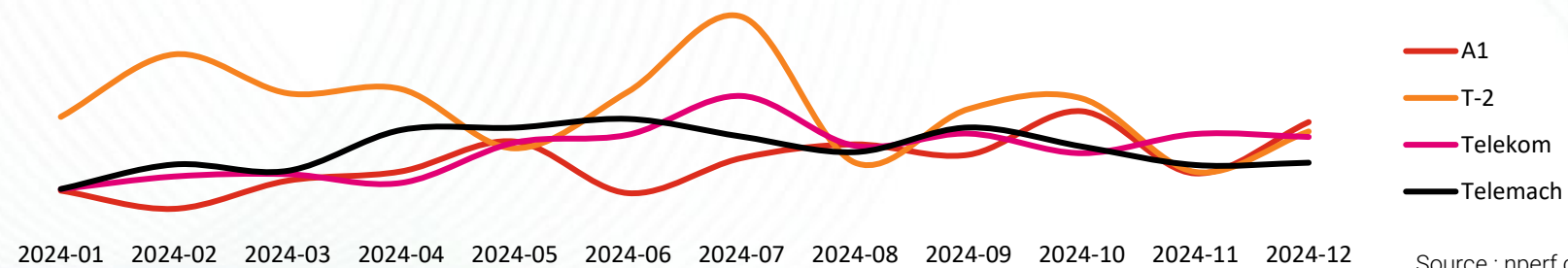
Source : nperf.com

## Download Speed (average)



Source : nperf.com

## Download Speed evolution over the year (average)

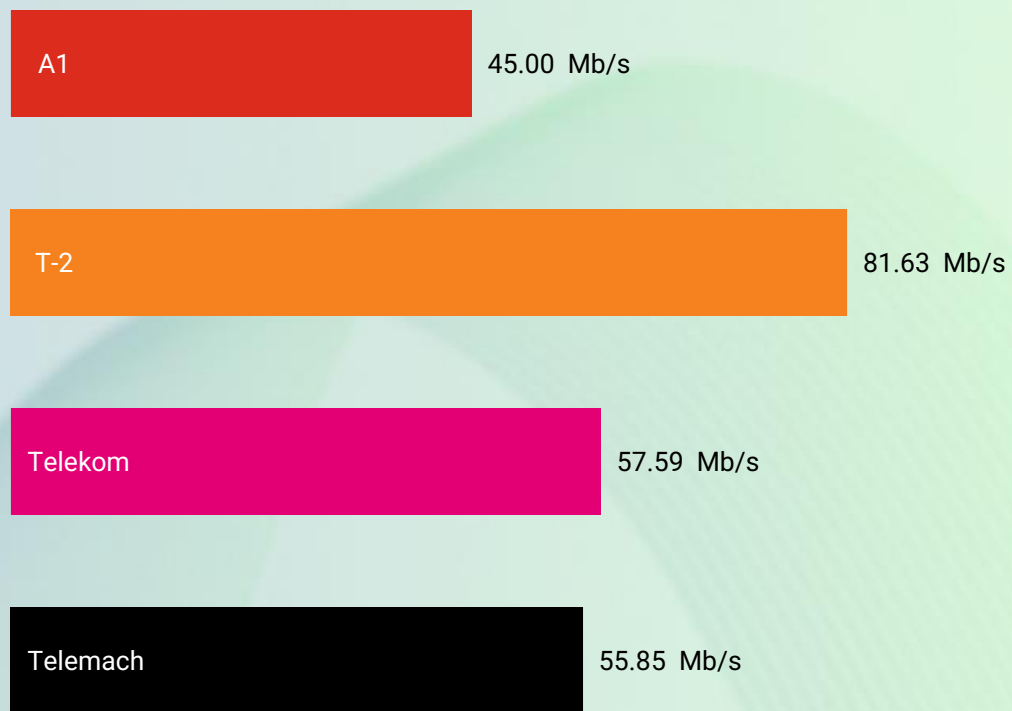


Source : nperf.com





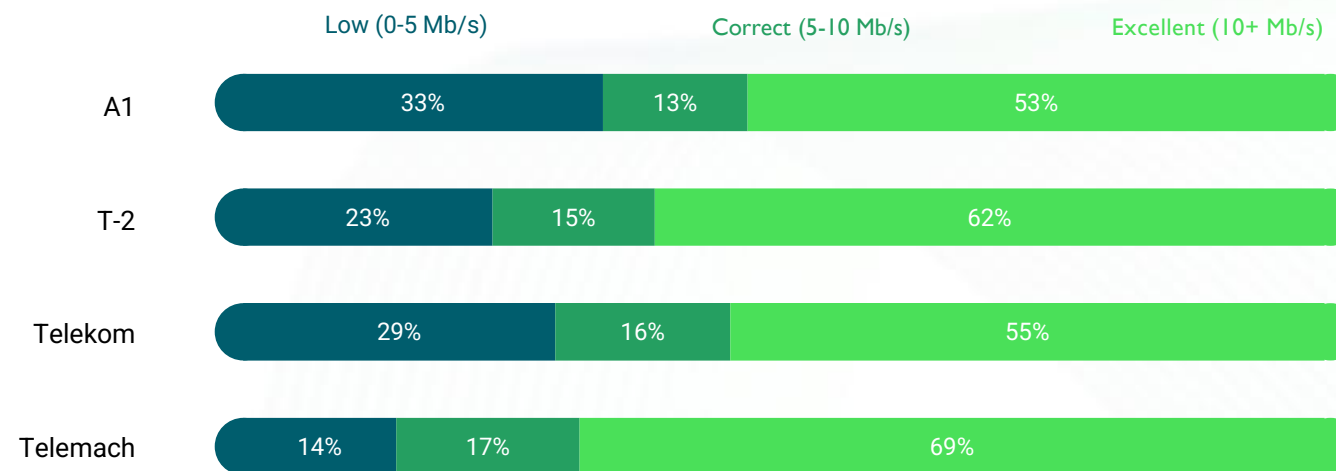
## Upload Speed (average )



Source : nperf.com

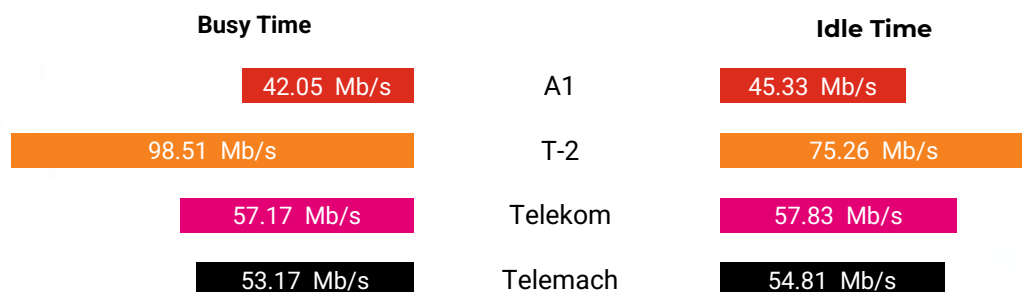
The subscribers of T-2 enjoyed the best average fixed Internet upload speed in 2024.

## Upload Speed results ventilation (average)



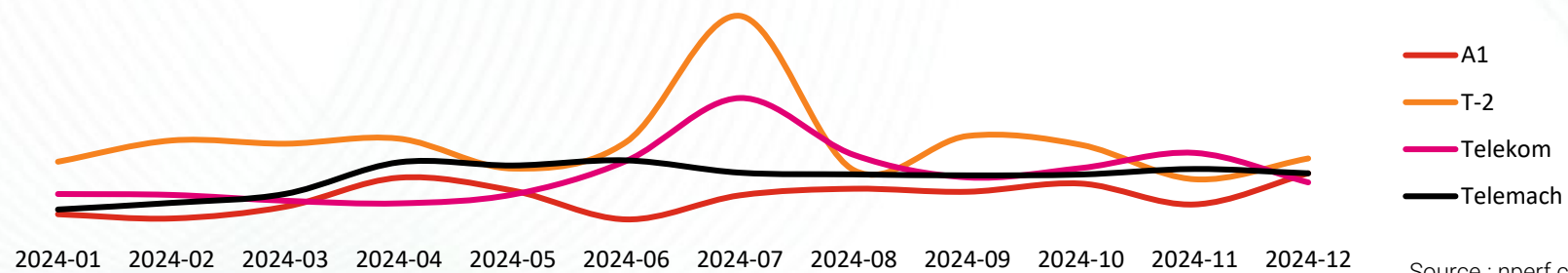
Source : nperf.com

## Upload Speed (average )



Source : nperf.com

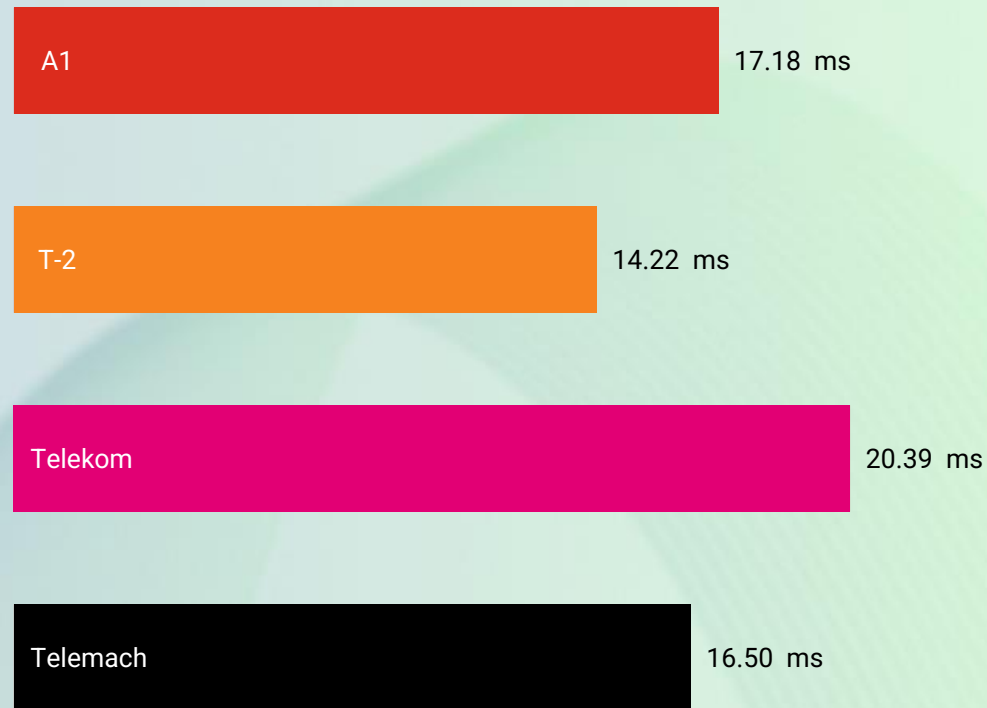
## Upload Speed evolution over the year (average)



Source : nperf.com



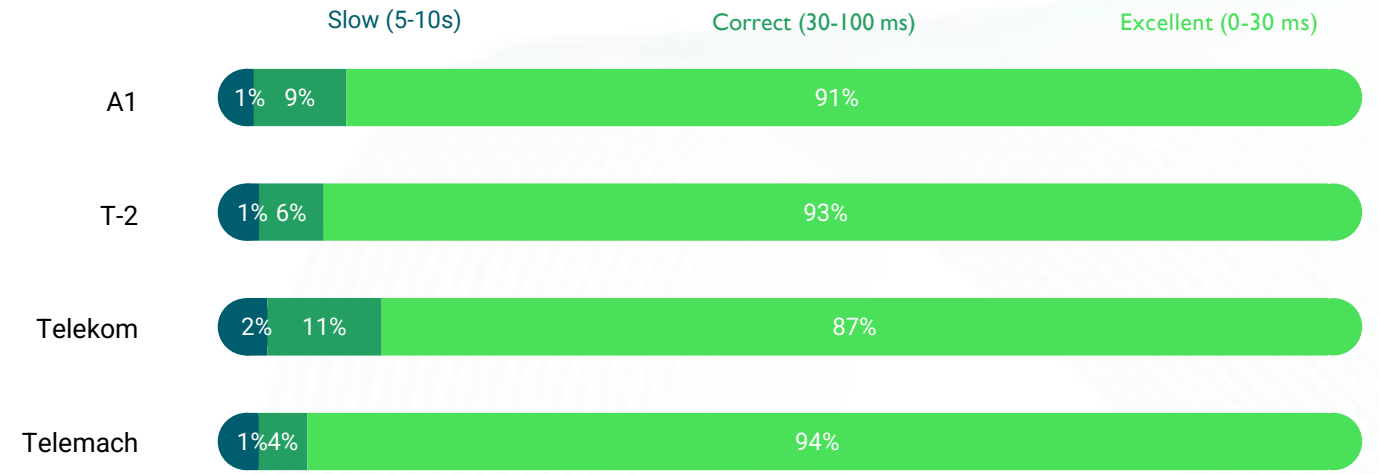
## Latency Speed (average)



Source : nperf.com

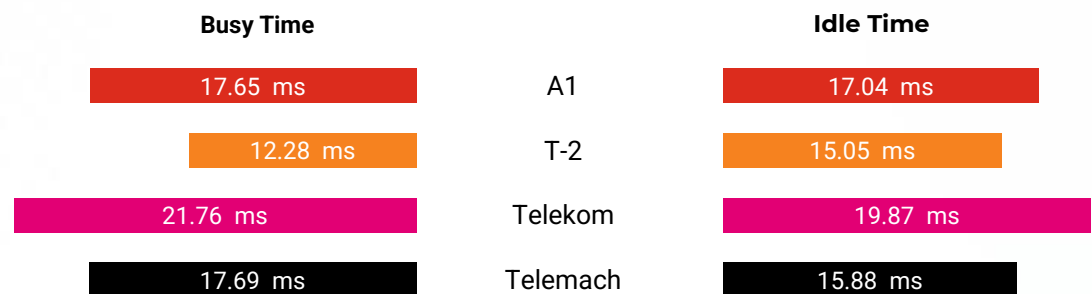
The subscribers of T-2 enjoyed the best average fixed Internet latency speed in 2024.

## Latency Speed results ventilation (average)



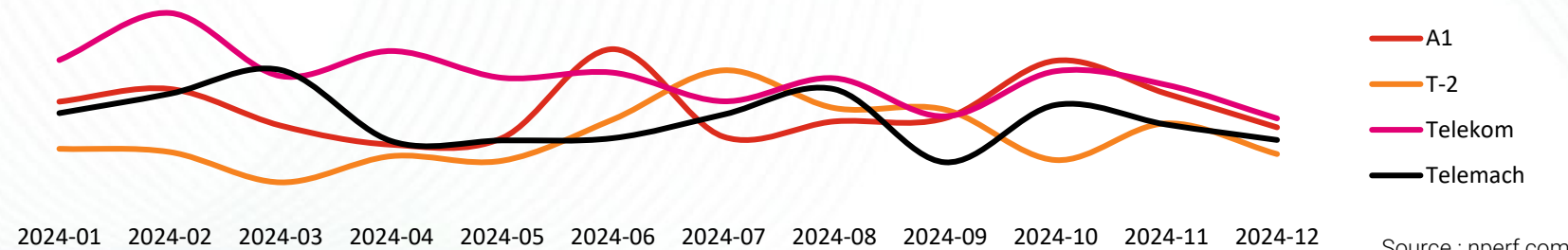
Source : nperf.com

## Latency Speed (average)



Source : nperf.com

## Latency Speed evolution over the year (average)



Source : nperf.com



nPerf Score (nPoints)



Source : nperf.com

The subscribers of T-2 enjoyed the best WIFI Internet performances in 2024.

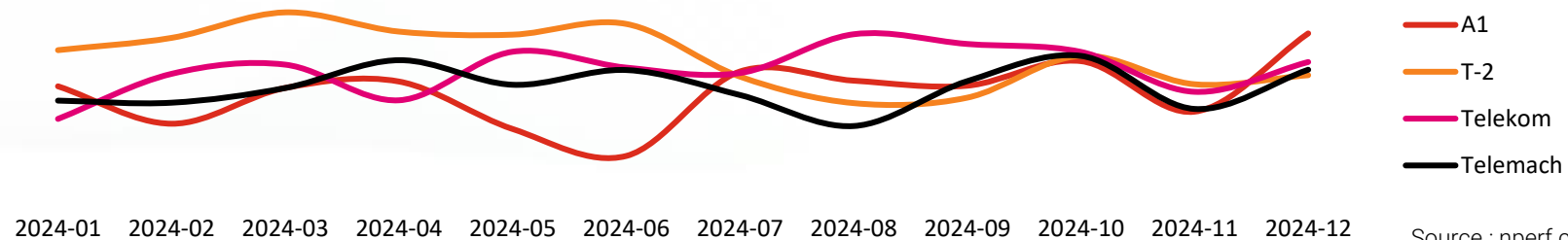
- Best performances WIFI: T-2
- Best web browsing performances WIFI: A1, T-2, Telekom and Telemach
- Best video streaming performances WIFI: T-2 and Telemach
- Fastest performances (Download) WIFI: T-2 and Telekom
- Fastest performances (Upload) WIFI: T-2
- WIFI connections with the lowest latency: T-2

Source : nperf.com



Source : nperf.com

nPerf score evolution over the year (average)



Source : nperf.com

## nPerf Score (nPoints)



Source : nperf.com

The subscribers of T-2 enjoyed the best fixed Internet performances in 2024.

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.

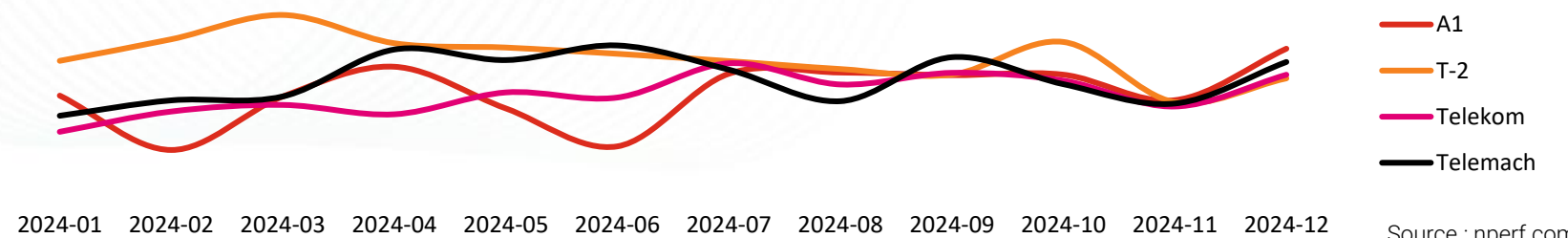
Source : nperf.com

Best fixed Internet performance in 2024



Source : nperf.com

## nPerf score evolution over the year (average)



Source : nperf.com



The background features a series of thin, light-colored wavy lines that create a sense of motion and depth, set against a dark blue background.

↳ perf