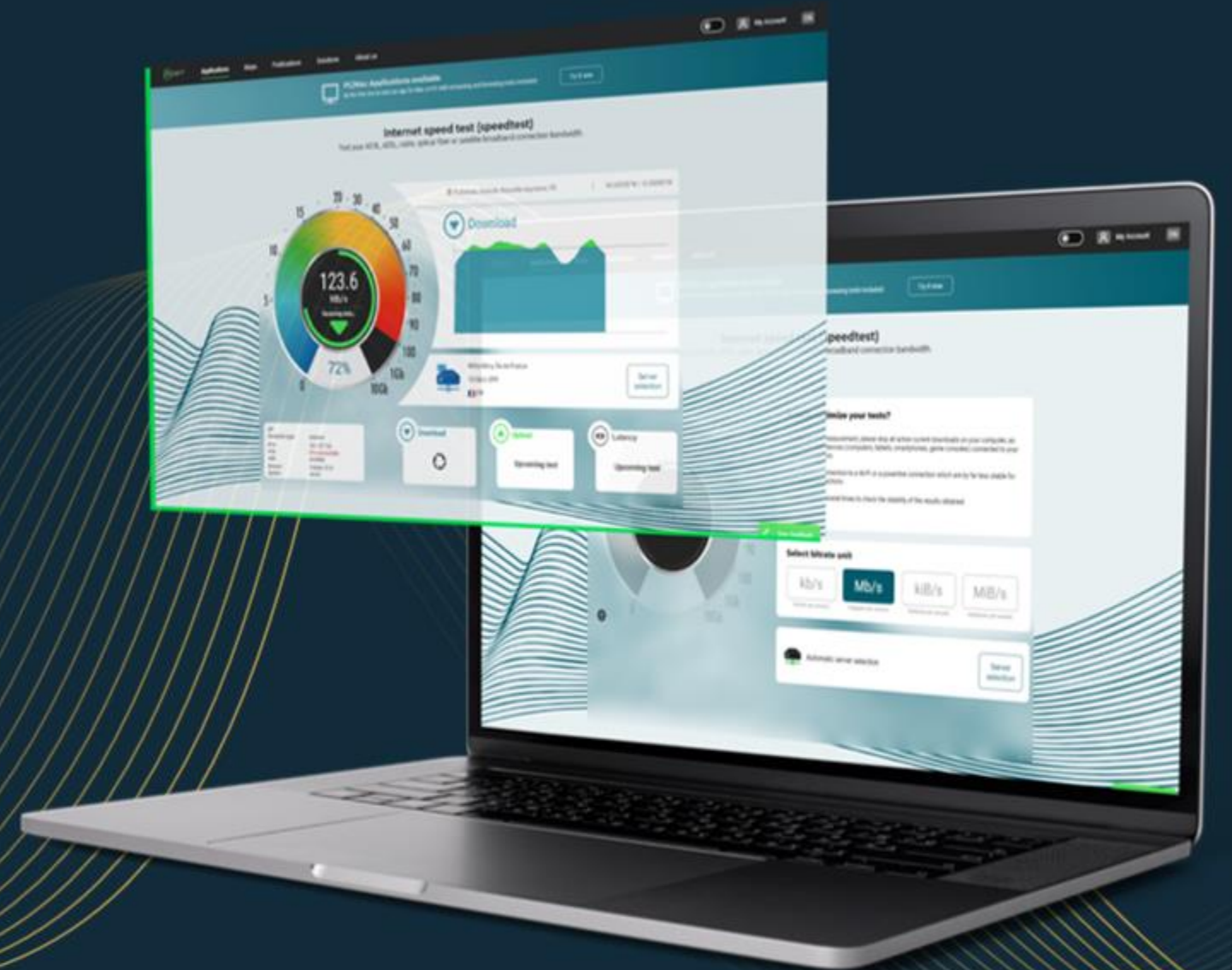


01/14/2025

Barometer of fixed Internet connections in Norway

01/01/2024 - 12/31/2024



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**Introducing
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.

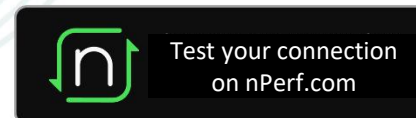
 **300k+** tests daily worldwide.

 **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 Gb/s! Download our app or visit our website!



2. Executive Summary



The subscribers of Sognett enjoyed the best fixed Internet performances in 2024.

Fixed Internet connections in Norway

	Altibox	Eninvest	GlobalConnect	<u>Sognett</u>	Telenor	Telia
▼ Download bitrates (Mb/s)	178,97	173,35	188,95	181,86	132,34	125,31
▲ Upload bitrates (Mb/s)	172,65	175,63	171,89	194,17	98,35	62,46
◀▶ Latency (ms)	48,58	10,13	67,95	6,05	55,90	34,89
🌐 Web browsing (%)	85,80	82,20	81,98	87,64	76,32	74,82
📺 Youtube streaming (%)	89,11	92,74	88,70	93,63	87,41	86,82
nPerf Score (nPoints)	122 232	144 253	115 892	153 639	105 144	106 631

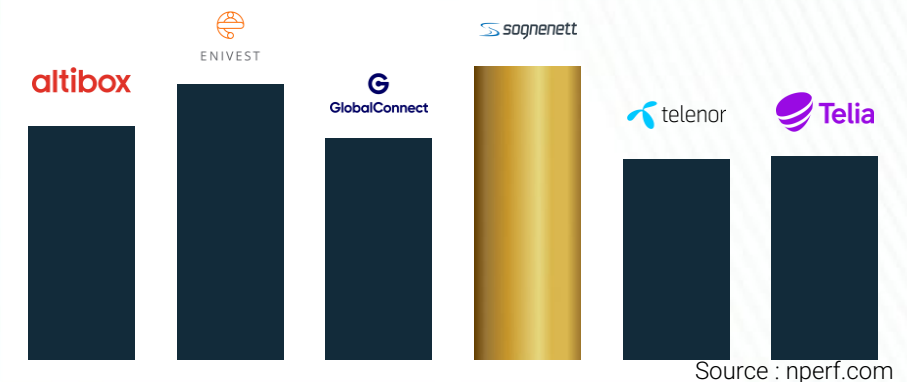
Source : nperf.com



Best fixed Internet performance in 2024



Source : nperf.com



Source : nperf.com

The subscribers of Sognett enjoyed the best FTTH Internet performances in Norway in 2024.

FTTH Fixed Internet connections in Norway

	Altibox	Enivest	GlobalConnect	Sognett	Telenor	Telia
▼ Download bitrates (Mb/s)	313,72	268,90	379,05	283,38	313,56	330,31
▲ Upload bitrates (Mb/s)	313,27	277,69	351,88	310,49	294,28	293,34
◀▶ Latency (ms)	44,28	7,17	46,98	5,24	21,82	25,62
🌐 Web browsing (%)	88,14	85,28	89,05	89,54	86,87	85,23
📺 Youtube streaming (%)	92,33	94,20	94,11	94,48	94,17	91,42
nPerf Score (nPoints)	139 695	159 523	144 440	166 210	151 663	146 002

Source : nperf.com

The subscribers of Sognett enjoyed the best WIFI Internet performances in Norway in 2024.

Fixed Internet connections in Norway

	Altibox	Enivest	GlobalConnect	Sognett	Telenor	Telia
▼ Download bitrates (Mb/s)	161,16	150,84	164,75	182,27	116,09	115,28
▲ Upload bitrates (Mb/s)	161,00	153,65	164,76	199,35	78,82	74,08
◀▶ Latency (ms)	48,79	12,52	70,94	5,79	32,89	32,20
🌐 Web browsing (%)	85,80	82,03	81,98	87,63	76,28	82,86
📺 Youtube streaming (%)	89,11	92,92	88,70	93,59	87,42	90,03
nPerf Score (nPoints)	120 244	139 538	113 317	153 952	109 419	115 394

Source : nperf.com

Introduction

The market analysis in 2024 reveals significant advancements in the fixed-line Internet sector. Notably, Sognett emerges as the new market leader, surpassing previous competitors. The focus technologies for this period are WiFi and FTTH, reflecting the country's emphasis on enhancing connectivity. Sognett and GlobalConnect are recognized as the co-leaders for 2024, with Sognett showing remarkable improvements across multiple categories. The winners in each KPI for this period are as follows: GlobalConnect leads in Download speed, Sognett excels in Upload speed and Latency, while also dominating in Browsing and Video streaming. These trends highlight a positive trajectory with significant developments in network performance and user experience.

Sognett: Leader of the market with exceptional performance.

For the period Q1 2024-Q4 2024, Sognett stands out as the market leader, showcasing an impressive score improvement of 16.2%. Sognett takes the lead in Upload speed, Latency, Browsing, and Video streaming. The operator also excels in both WiFi and FTTH, affirming its dominant position in fixed-line technologies.

GlobalConnect: leader in Download speed.

GlobalConnect shares the top spot with Sognett, distinguished by its leadership in Download speed. The company also demonstrates strong performance in Browsing and Video streaming, contributing to its overall high market standing.

Altibox: Excellence in Download and Upload speed.

Altibox excels in both Download and Upload speed during this period. The operator's

strength in these KPIs positions it as a significant player in the market, despite not being a primary leader.

Eninvest: Excellence in Upload speed.

Eninvest shows notable performance in Upload speed, maintaining a strong presence in the market. This focus on high-speed uploads supports Eninvest's reputation for reliable connectivity.

Telenor: Solid performance in Streaming.

Telenor demonstrates solid performance in Video streaming, contributing positively to its market presence. This focus on streaming quality enhances user experience and strengthens its position.

Telia: Steady performance across categories.

Telia maintains a steady performance across various categories, supporting its consistent market presence. Its balanced approach ensures reliable service delivery to its customers.

Conclusion

In 2024 the market is characterized by strong leadership from Sognett and GlobalConnect. Each operator brings unique strengths, with Sognett leading in multiple KPIs and GlobalConnect excelling in Download speed. The focus on WiFi and FTTH technologies underscores the country's commitment to advancing fixed-line Internet performance. Overall, the competitive landscape fosters innovation and improved connectivity for users.

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

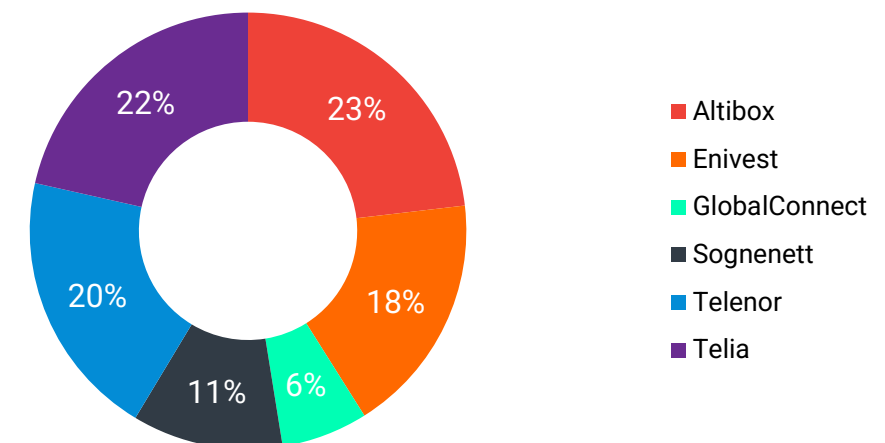
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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.

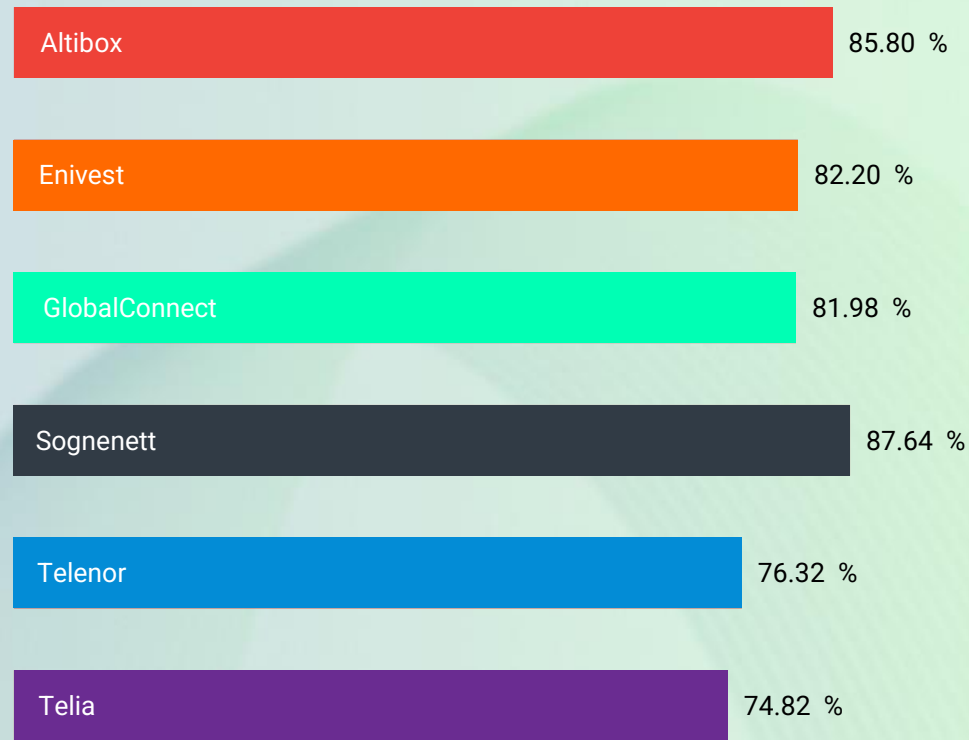
Overall distribution of the tests per provider (ISPs Share)



Source : nperf.com



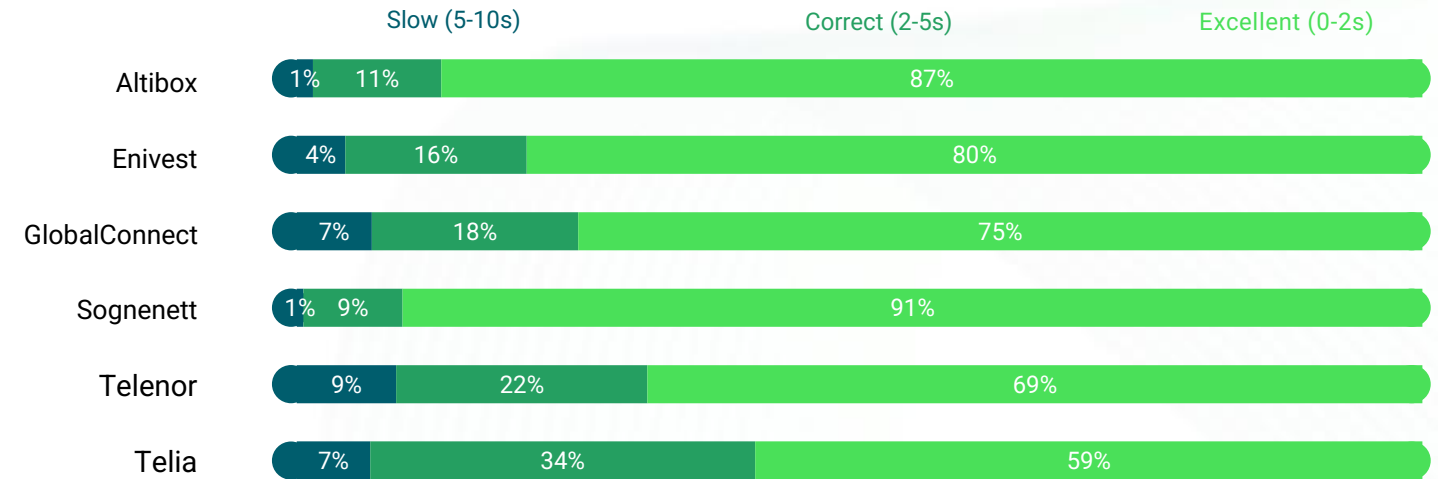
Browsing Performance rate (average)



Source : nperf.com

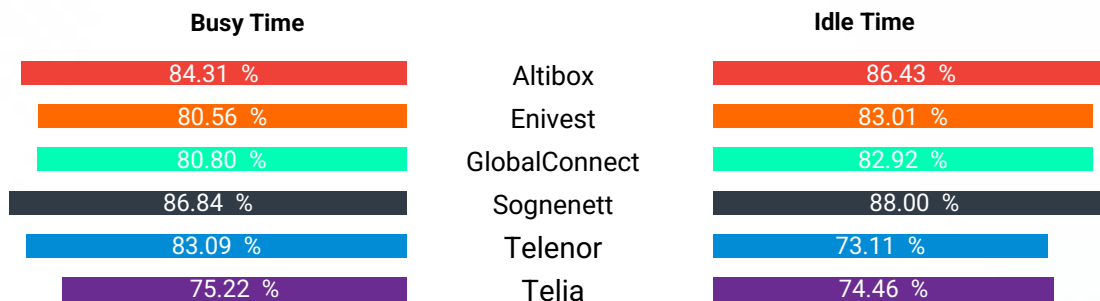
The subscribers of Sognett enjoyed the best fixed Internet browsing performance in 2024.

Browsing Performance results ventilation (average)



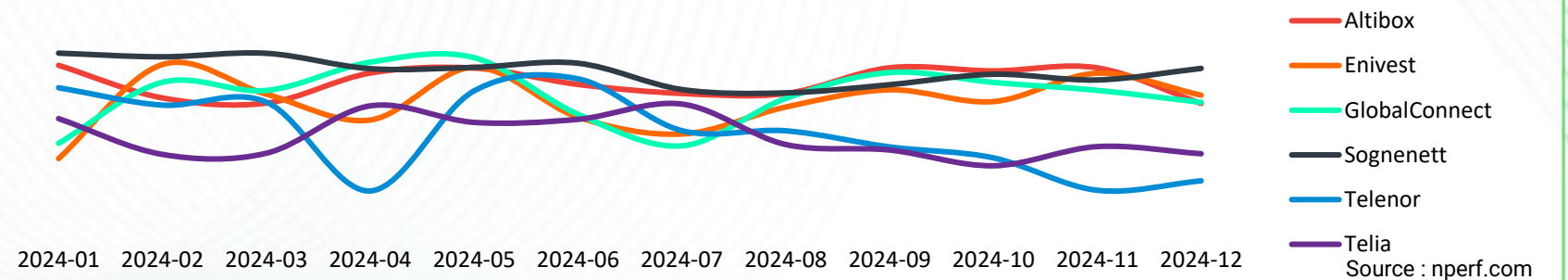
Source : nperf.com

Browsing Performance rate (average)



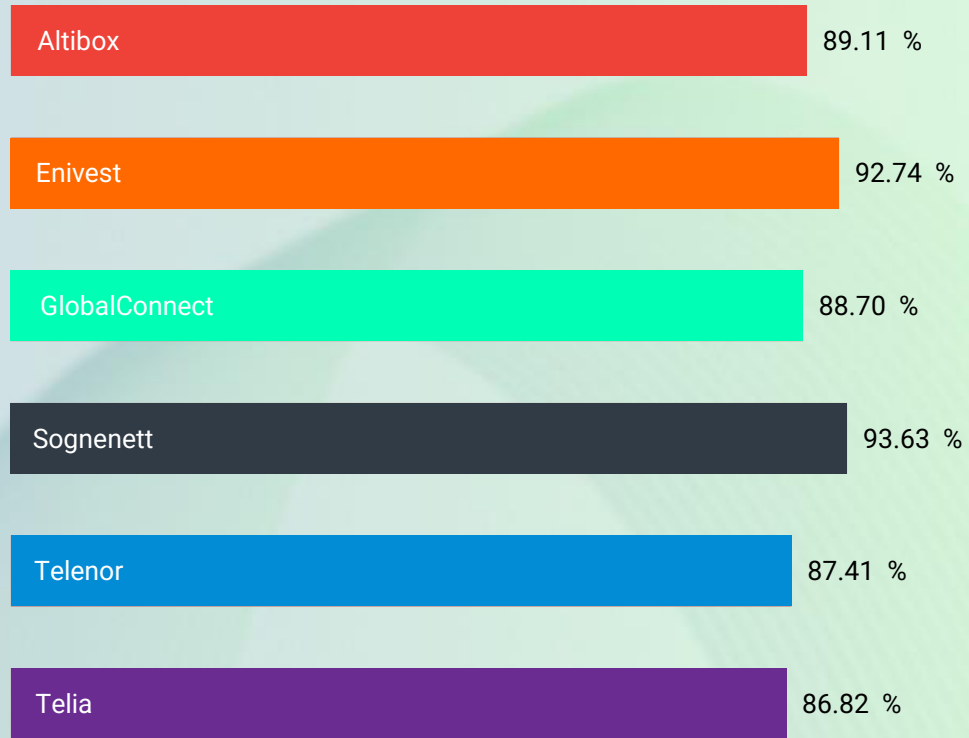
Source : nperf.com

Browsing performance rate (average) evolution over the year





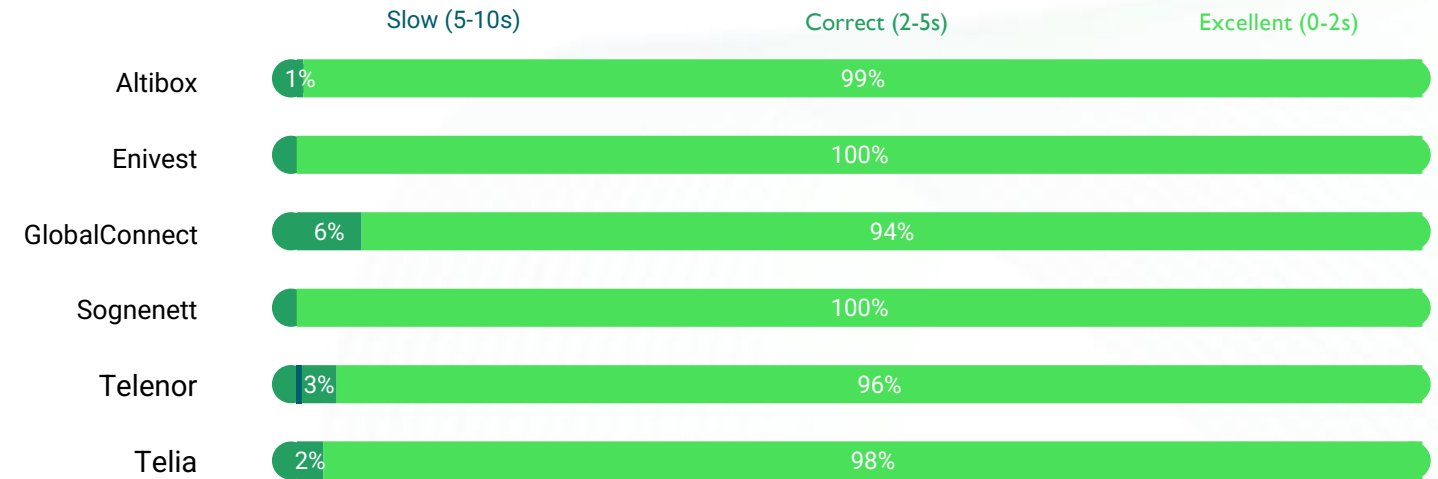
Streaming Performance rate (average)



Source : nperf.com

The subscribers of Sognett enjoyed the best fixed Internet streaming performance in 2024.

Streaming Performance results ventilation (average)



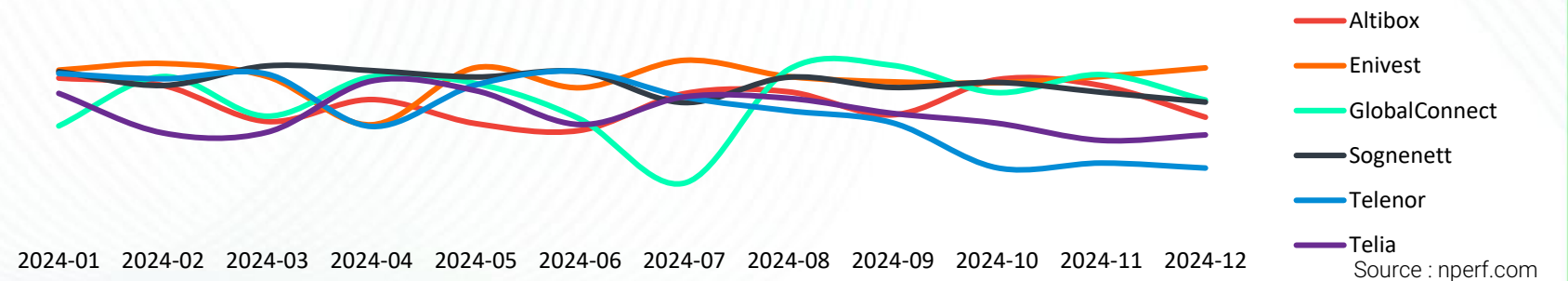
Source : nperf.com

Streaming Performance rate (average)



Source : nperf.com

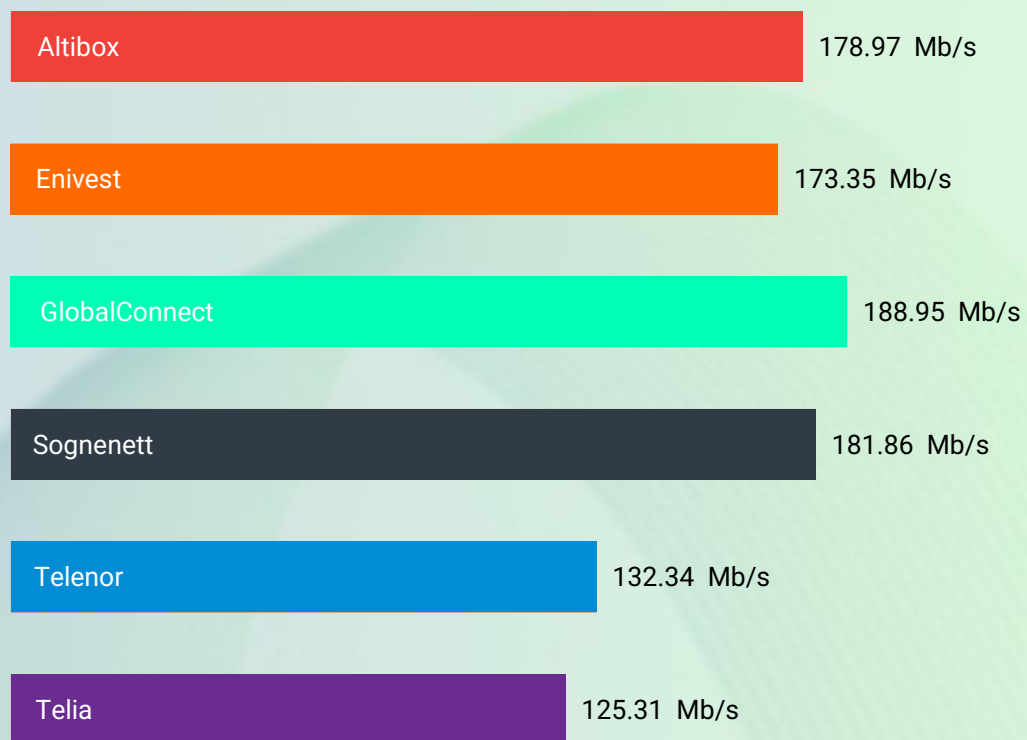
Streaming performance rate (average) evolution over the year



Source : nperf.com



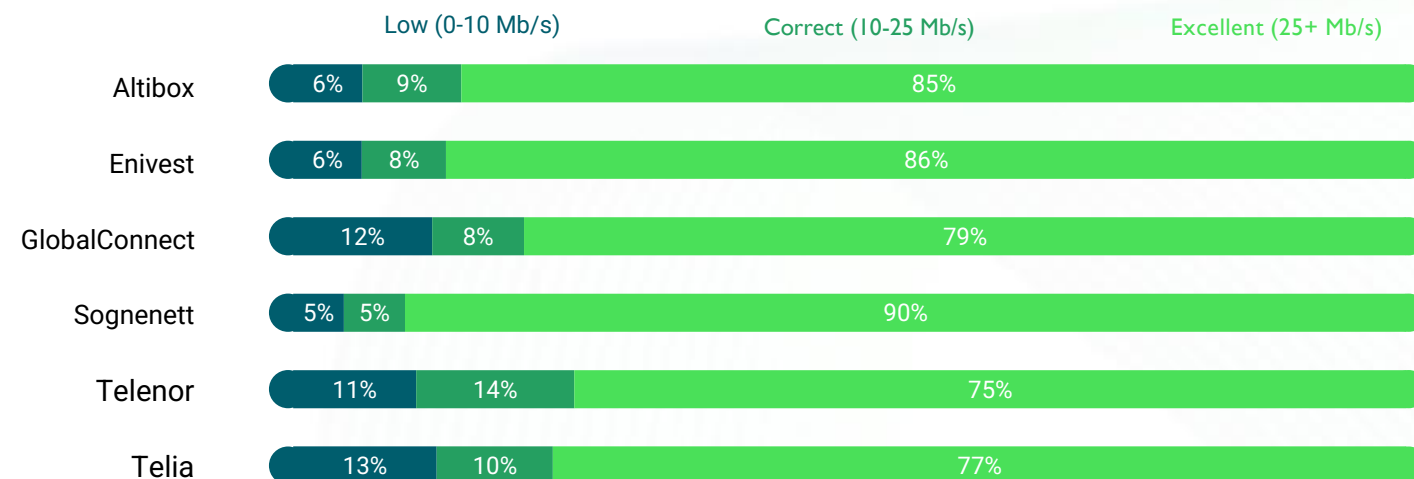
Download Speed (average)



Source : nperf.com

The subscribers of GlobalConnect enjoyed the best average fixed Internet download speed in 2024.

Download Speed results ventilation (average)



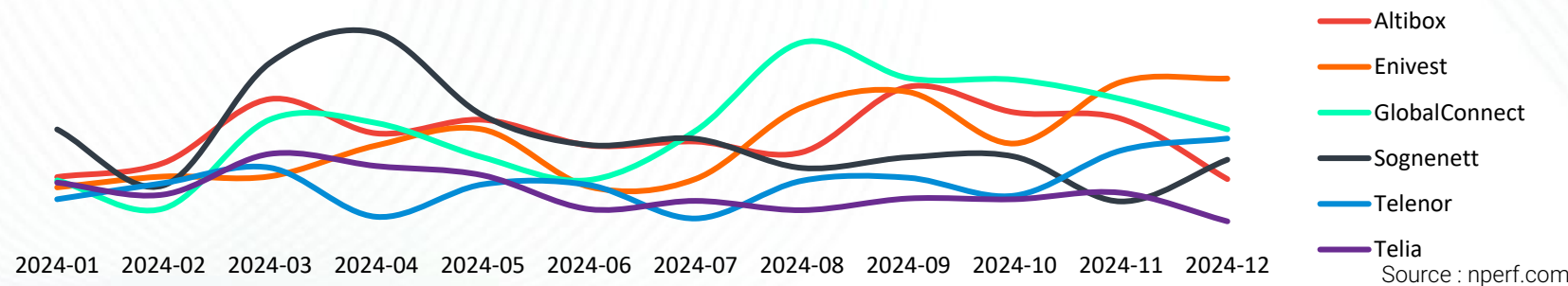
Source : nperf.com

Download Speed (average)



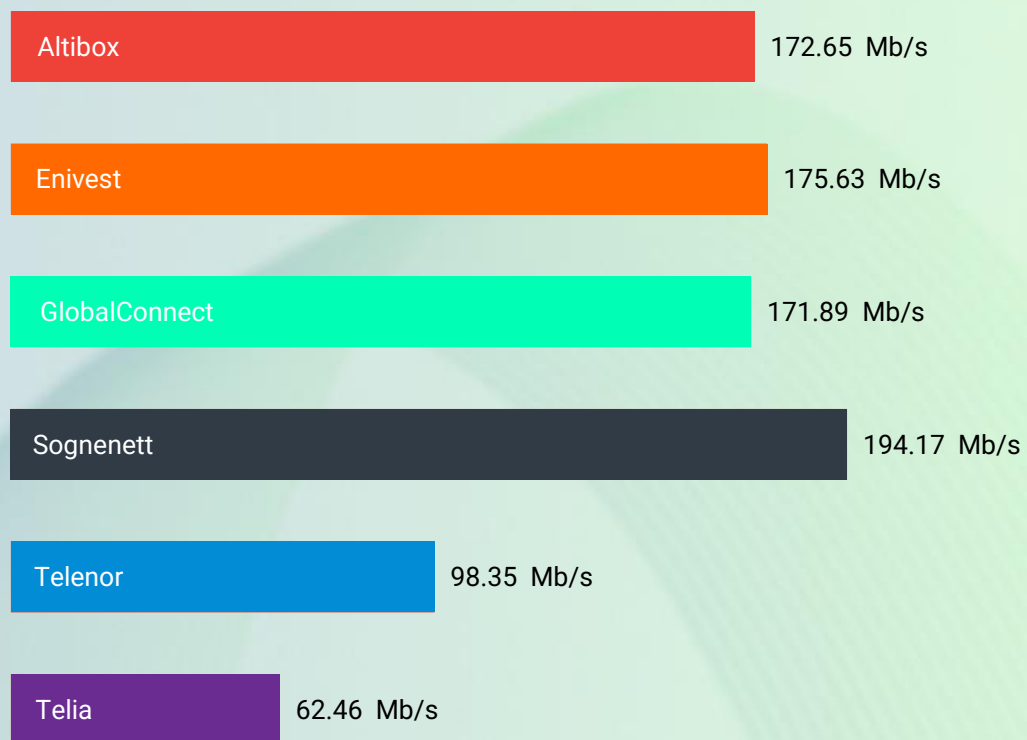
Source : nperf.com

Download Speed evolution over the year (average)





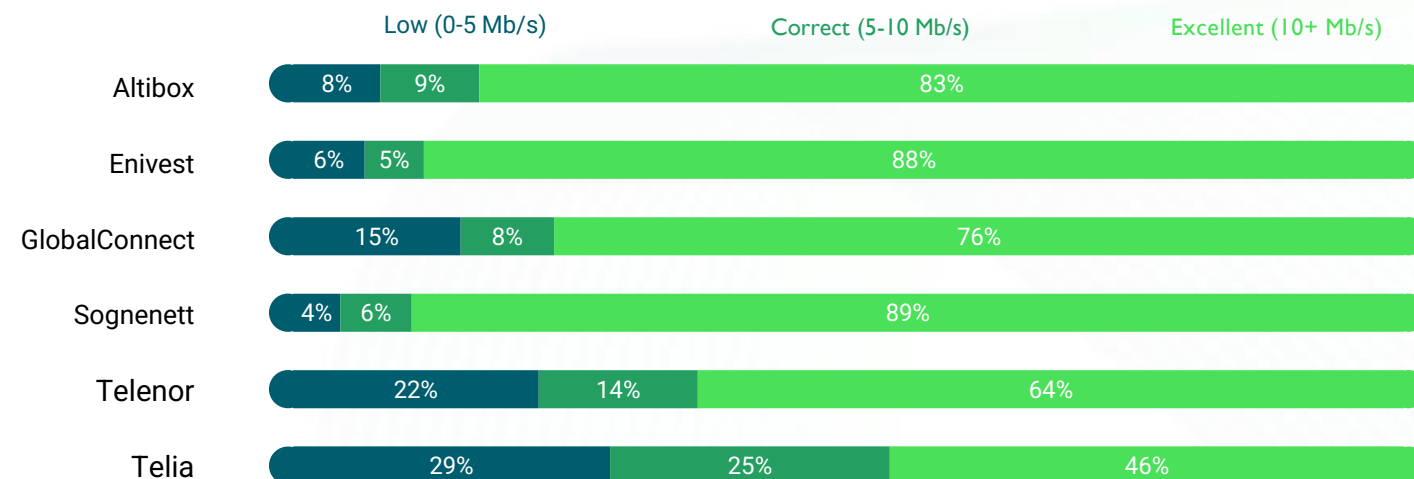
Upload Speed (average)



Source : nperf.com

The subscribers of Sognett enjoyed the best average fixed Internet upload speed in 2024.

Upload Speed results ventilation (average)



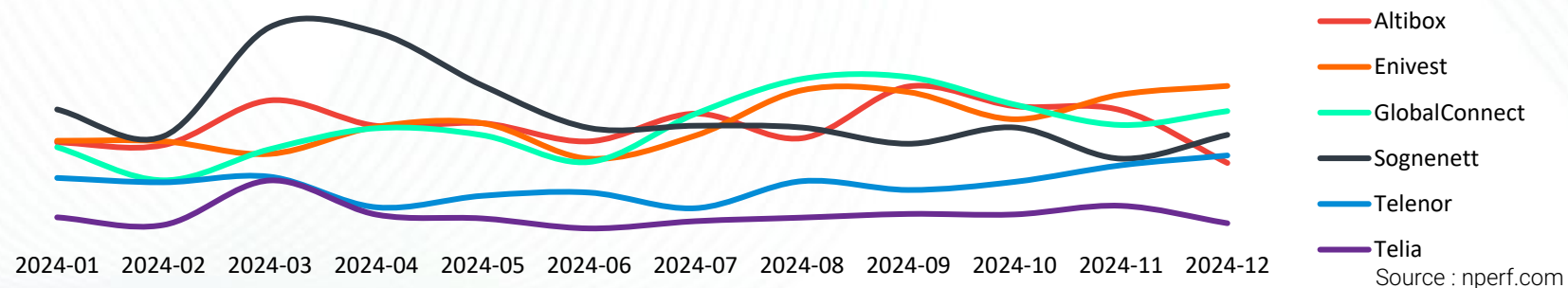
Source : nperf.com

Upload Speed (average)



Source : nperf.com

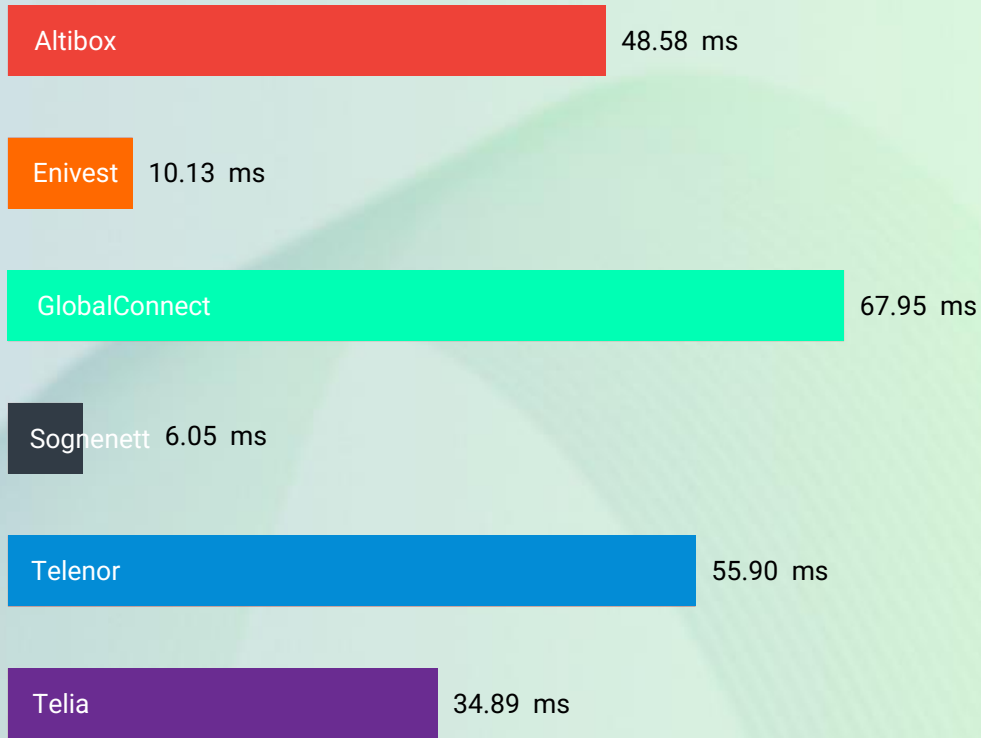
Upload Speed evolution over the year (average)



Source : nperf.com



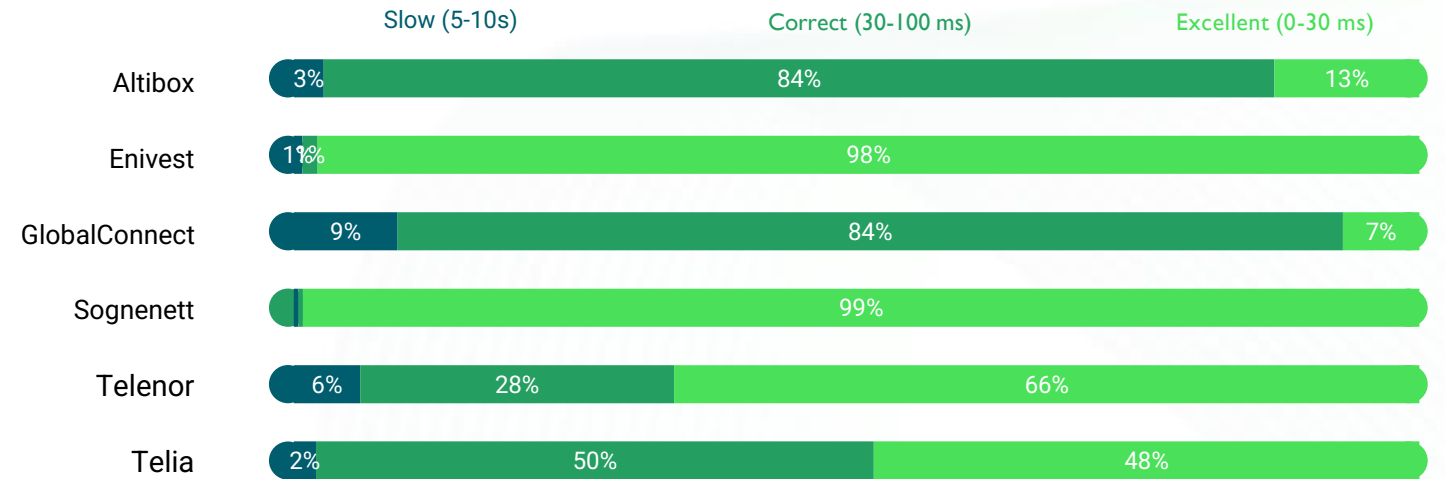
Latency Speed (average)



Source : nperf.com

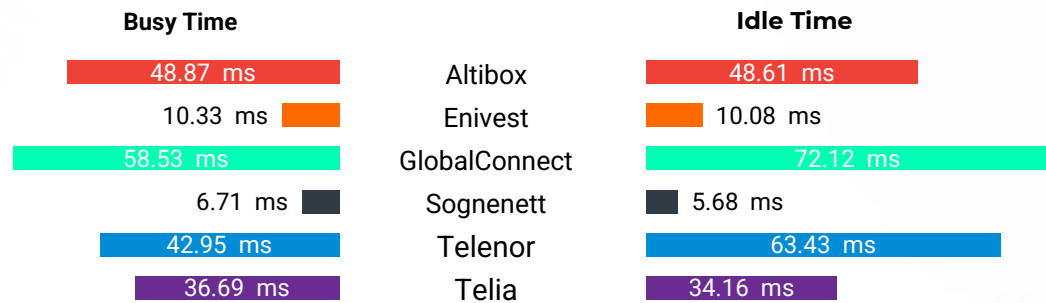
The subscribers of Sognett enjoyed the best average fixed Internet latency speed in 2024.

Latency Speed results ventilation (average)



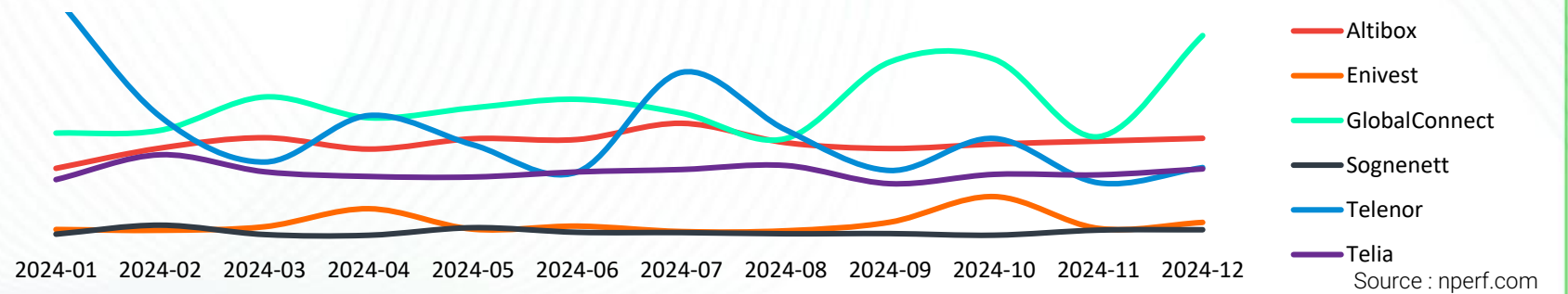
Source : nperf.com

Latency Speed (average)



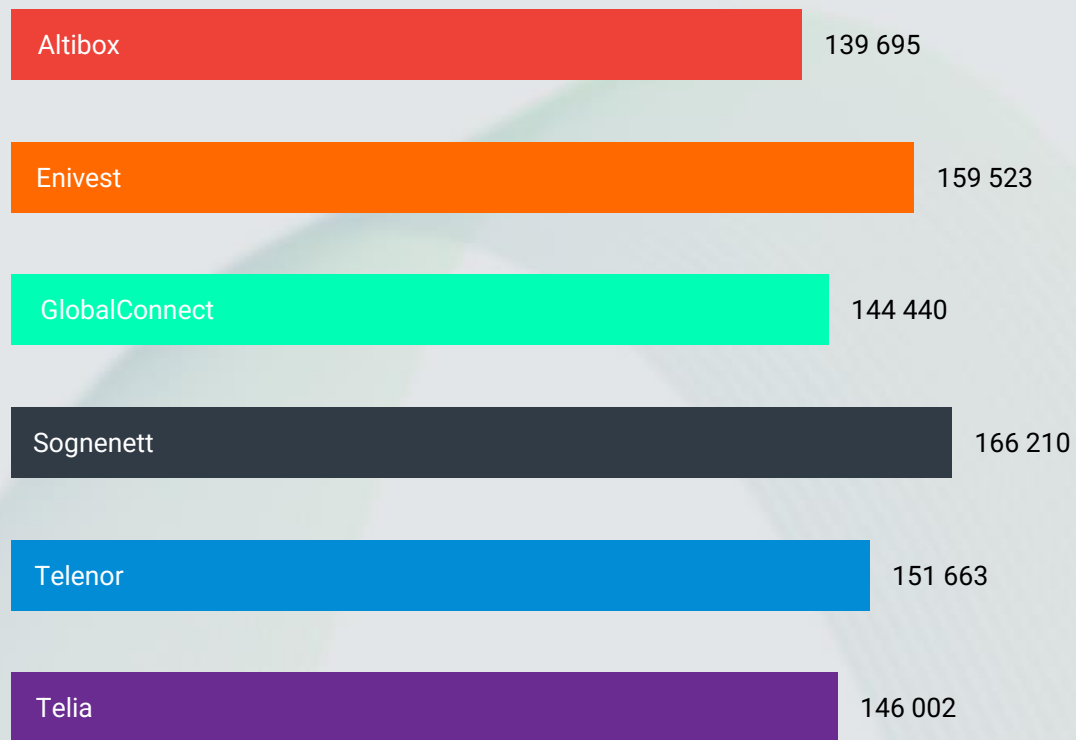
Source : nperf.com

Latency Speed evolution over the year (average)



Source : nperf.com

nPerf Score (nPoints)

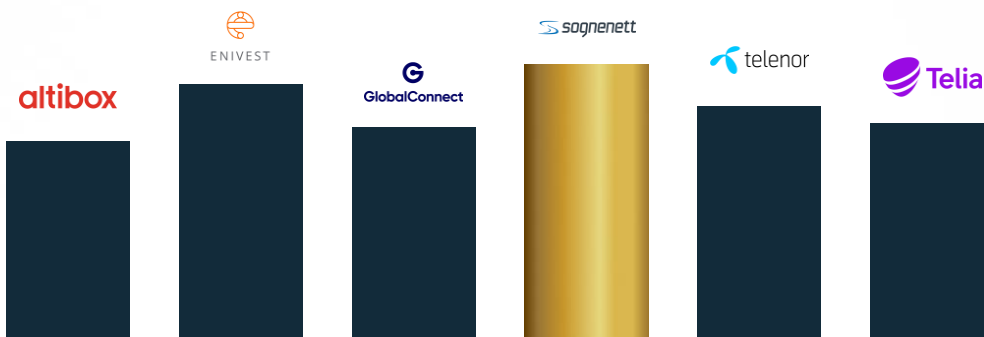


Source : nperf.com

The subscribers of Sognett enjoyed the best FTTH Internet performances in 2024.

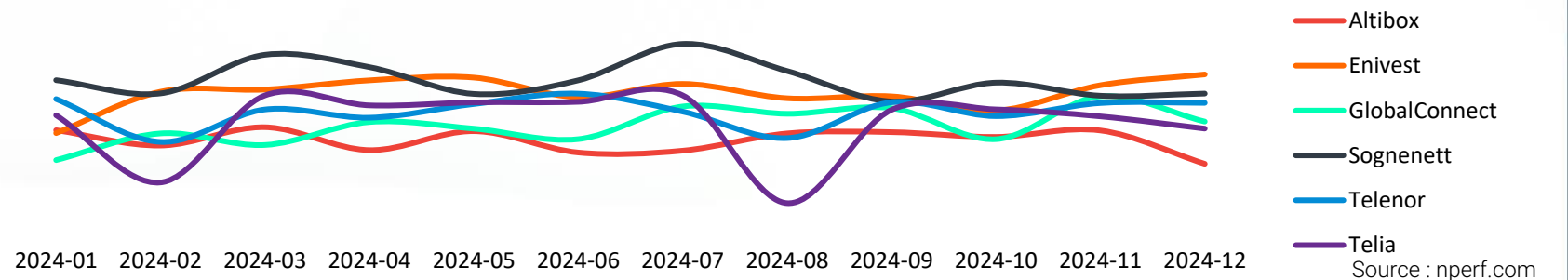
- Best performances FTTH: Sognett
- Best web browsing performances FTTH: GlobalConnect and Sognett
- Best video streaming performances FTTH: Eninvest, GlobalConnect, Sognett and Telenor
- Fastest performances (Download) FTTH: GlobalConnect
- Fastest performances (Upload) FTTH: GlobalConnect
- FTTH connections with the lowest latency: Sognett

Source : nperf.com



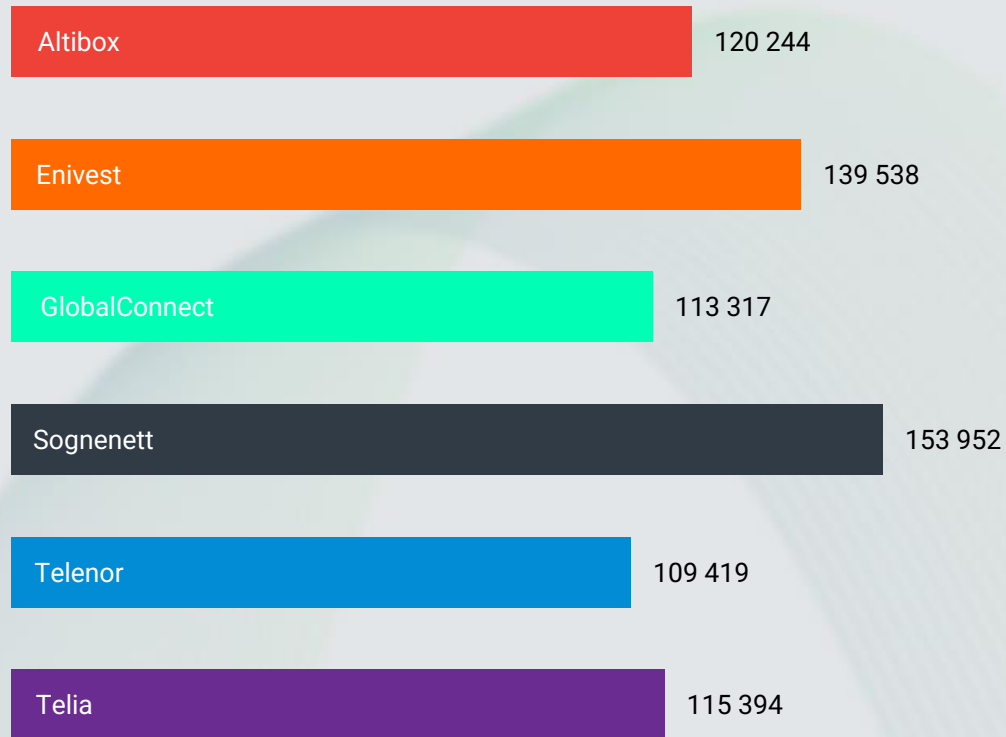
Source : nperf.com

nPerf score evolution over the year (average)



Source : nperf.com

nPerf Score (nPoints)

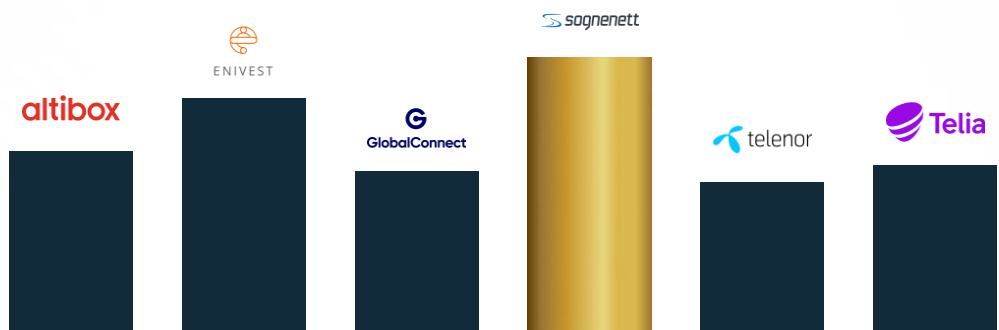


Source : nperf.com

The subscribers of Sognett enjoyed the best WIFI Internet performances in Norway in 2024.

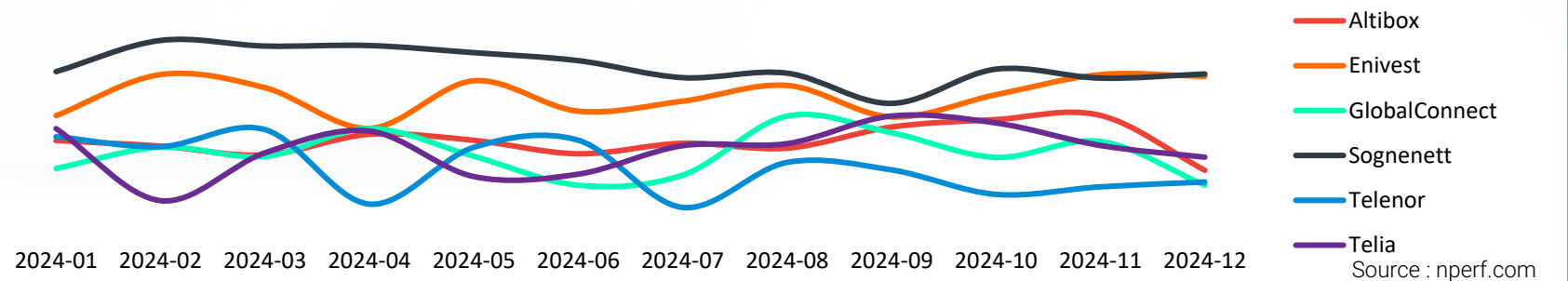
- Best performances WIFI: Sognett
- Best web browsing performances WIFI: Sognett
- Best video streaming performances WIFI: Eninvest and Sognett
- Fastest performances (Download) WIFI: Sognett
- Fastest performances (Upload) WIFI: Sognett
- WIFI connections with the lowest latency: Sognett

Source : nperf.com



Source : nperf.com

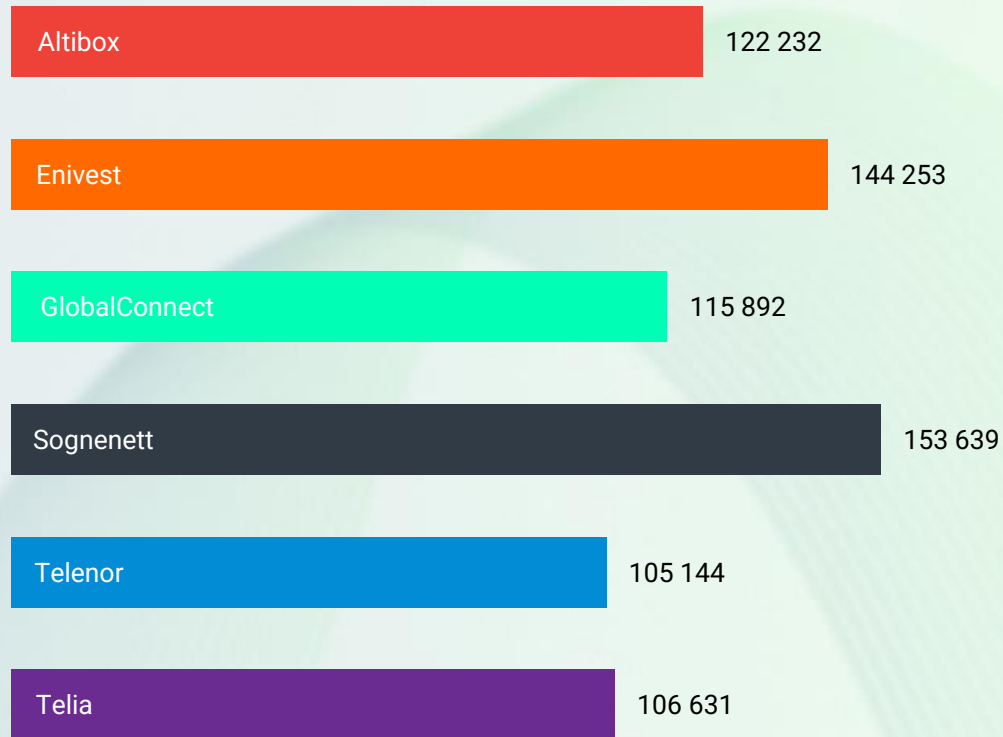
nPerf score evolution over the year (average)



Fixed Internet performance in Norway



nPerf Score (nPoints)



Source : nperf.com

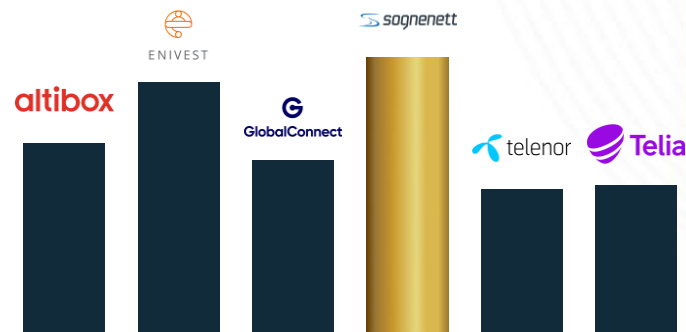
The subscribers of Sognett enjoyed the best fixed Internet performances in 2024.

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.

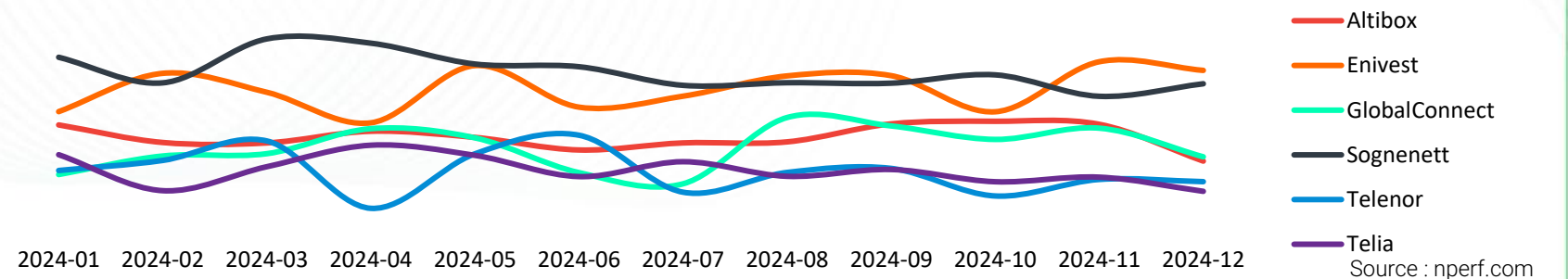
Source : nperf.com

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.

nperf