



Barometer of fixed Internet connections in Italy

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.



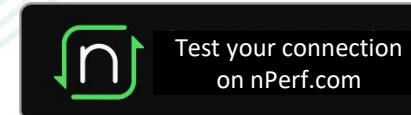
26Md+ coverage
scans in total.



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



2. Executive Summary



The subscribers of Iliad enjoyed the best Fixed Internet performances in 2025 in Italy.

Fixed Internet performance in Italy

Fastweb Iliad TIM Vodafone Wind Tre

▼ Download bitrates (Mb/s)	212.51	382.13	255.29	197.50	190.07
▲ Upload bitrates (Mb/s)	160.70	241.92	159.22	125.59	106.02
◀▶ Latency (ms)	20.01	15.88	24.22	28.08	34.46
🌐 Web browsing (%)	80.10	81.68	81.90	77.23	78.42
▢Youtube streaming (%)	80.66	85.46	85.66	82.28	82.78
nPerf Score (nPoints)	127 194	145 841	131 968	118 642	115 177

Source : nPerf.com

iliad

Best Fixed Internet performance
in 2025



Source : nPerf.com

iliad

TIM

FASTWEB



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Source : nPerf.com

The subscribers of Iliad enjoyed the best WIFI Internet in 2025 in Italy.

Fixed Internet performance in Italy

	Fastweb	<u>Iliad</u>	TIM	Vodafone	Wind Tre
⬇️ Download bitrates (Mb/s)	164.40	311.66	203.28	179.09	153.15
⬆️ Upload bitrates (Mb/s)	118.84	212.92	132.73	112.14	89.91
◀▶ Latency (ms)	19.39	15.21	24.54	26.58	33.50
🌐 Web browsing (%)	81.30	83.29	82.15	79.97	80.23
🎥 Youtube streaming (%)	81.21	86.83	85.88	84.21	84.27
 nPerf Score (nPoints)	123 828	145 408	127 913	120 989	114 104

Source : nPerf.com

The subscribers of Iliad enjoyed the best FTTH Internet in 2025 in Italy.

Fixed Internet performance in Italy

	Fastweb	Iliad	TIM	Vodafone	Wind Tre
⬇️ Download bitrates (Mb/s)	509.63	589.74	600.73	536.11	471.41
⬆️ Upload bitrates (Mb/s)	438.51	380.04	403.14	382.02	335.09
◀▶ Latency (ms)	12.67	12.88	19.28	16.66	24.49
🌐 Web browsing (%)	85.72	85.85	86.29	85.27	85.45
🎥 Youtube streaming (%)	87.23	88.86	90.03	89.03	89.15
 nPerf Score (nPoints)	161 526	164 018	160 882	159 230	150 864

Source : nPerf.com

The Italian fixed-line Internet sector displays an average score of 127,764 nPoints. Iliad establishes itself as leader with 145,841 nPoints and dominates download speed, upload speed, and latency. The sector shows strong competition with performances ranging from 115,177 to 145,841 nPoints across five major operators.

Iliad: consolidated leadership position

Iliad leads with 145,841 nPoints and dominates three key indicators. The operator achieves the best download speed with 382.13 Mbps, ideal for HD streaming and large file downloads. It also leads upload speed with 241.92 Mbps, ensuring high-quality video conferencing and content sharing. With the lowest latency at 15.88 ms, Iliad guarantees optimal performance for online gaming and real-time communications.

TIM: strong browsing and streaming performances

TIM ranks second with 131,968 nPoints and leads in browsing with 81.90%. The operator also dominates video streaming with 85.66%, ensuring smooth viewing experiences. TIM displays competitive download speed at 255.29 Mbps and progresses by 3.1% year-over-year.

Fastweb: balanced positioning

Fastweb ranks third with 127,194 nPoints and achieves second place in upload speed with 160.70 Mbps. The operator also secures second position in latency at 20.01 ms, suitable for real-time applications.

Vodafone: solid performances

Vodafone ranks fourth with 118,642 nPoints and displays competitive download speed at 197.50 Mbps. The operator maintains consistent positioning across all indicators.

Wind Tre: stable sector presence

Wind Tre ranks fifth with 115,177 nPoints and achieves second place in video streaming with 82.78%. The operator delivers download speed of 190.07 Mbps.

Iliad strengthens its leadership with dominant performances, particularly in speed and latency. The sector benefits from strong competition with all operators delivering download speeds exceeding 190 Mbps. Users enjoy increasingly powerful offerings, especially for streaming, video conferencing, and online gaming.

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

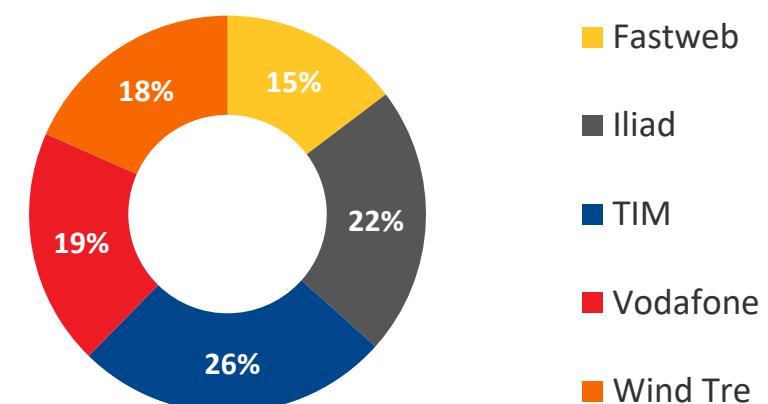
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 0.6% 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 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



Download Speed



Download Speed (average)

Fastweb 212.51 Mb/s

Iliad 382.13 Mb/s

TIM 255.29 Mb/s

Vodafone 197.50 Mb/s

Wind Tre 190.07 Mb/s

Source : nPerf.com

Download Speed (average)

Busy Time

205.86 Mb/s

Idle Time

215.26 Mb/s

390.19 Mb/s

377.71 Mb/s

255.68 Mb/s

252.02 Mb/s

196.89 Mb/s

195.74 Mb/s

184.87 Mb/s

191.69 Mb/s

Source : nPerf.com

The subscribers of Iliad enjoyed the best Fixed Internet Download Speed in 2025.

Download Speed results ventilation (average)

Low (0-10 Mb/s)

Fastweb

Correct (10-25 Mb/s)

Excellent (25+ Mb/s)

Excellent (25+ Mb/s)

Excellent (25+ Mb/s)

Iliad

Excellent (25+ Mb/s)

TIM

Excellent (25+ Mb/s)

Vodafone

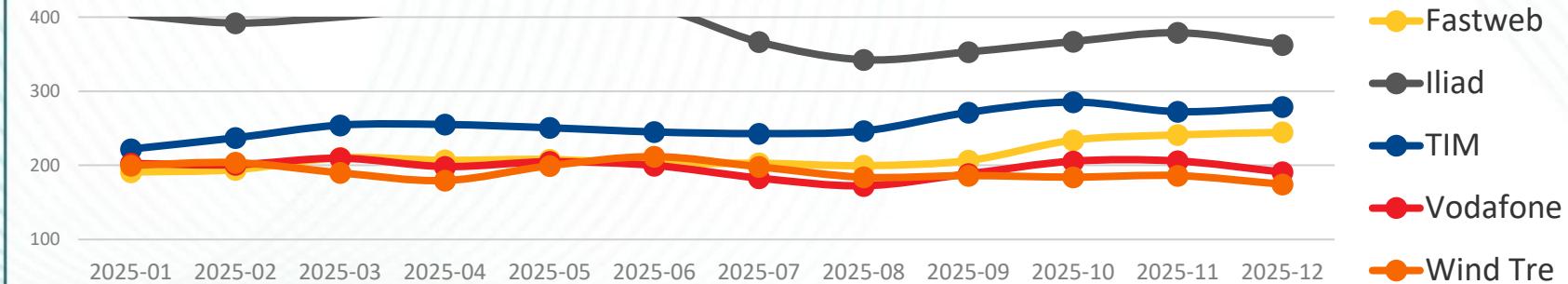
Excellent (25+ Mb/s)

Wind Tre

Excellent (25+ Mb/s)

Source : nPerf.com

Download Speed evolution over the year (average)



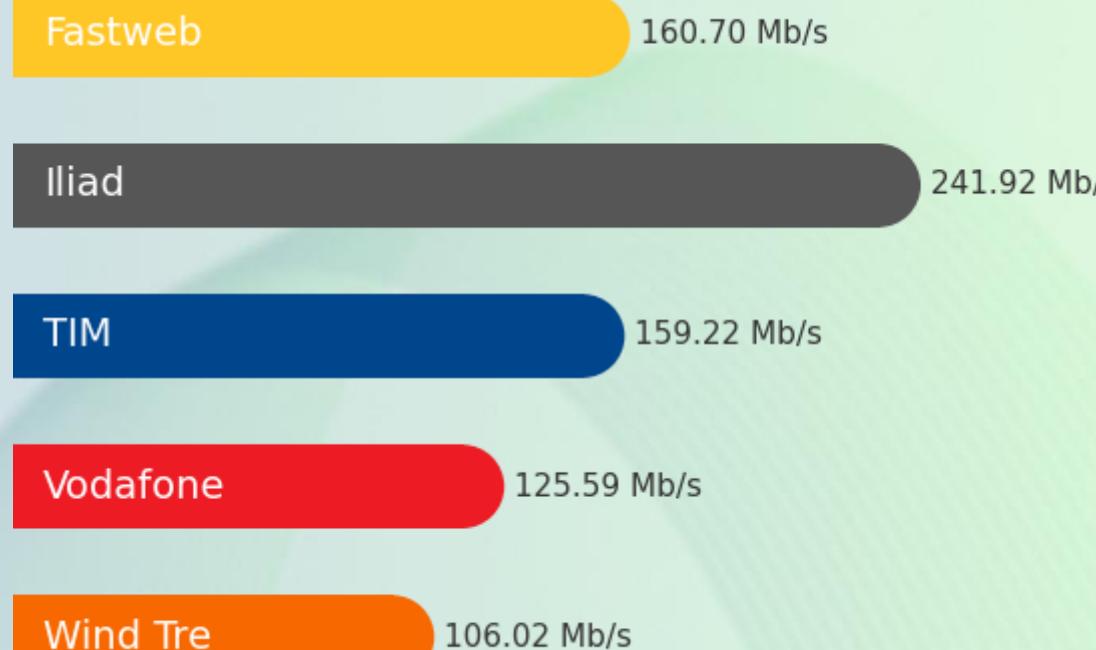
Source : nPerf.com



Upload Speed



Upload Speed (average)



Source : nPerf.com

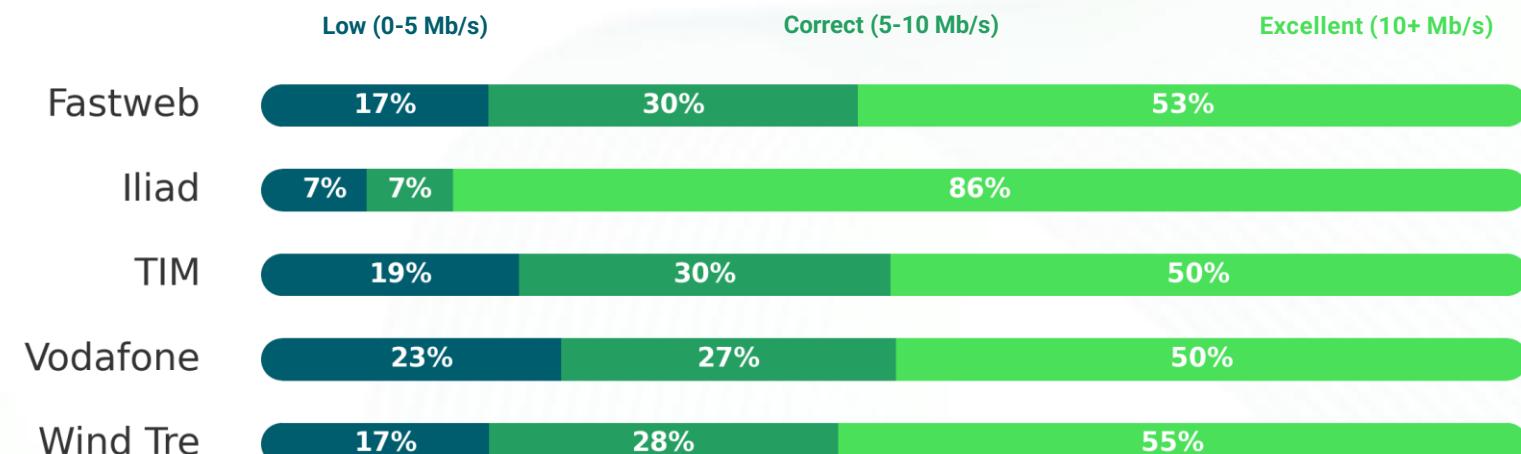
Upload Speed (average)



Source : nPerf.com

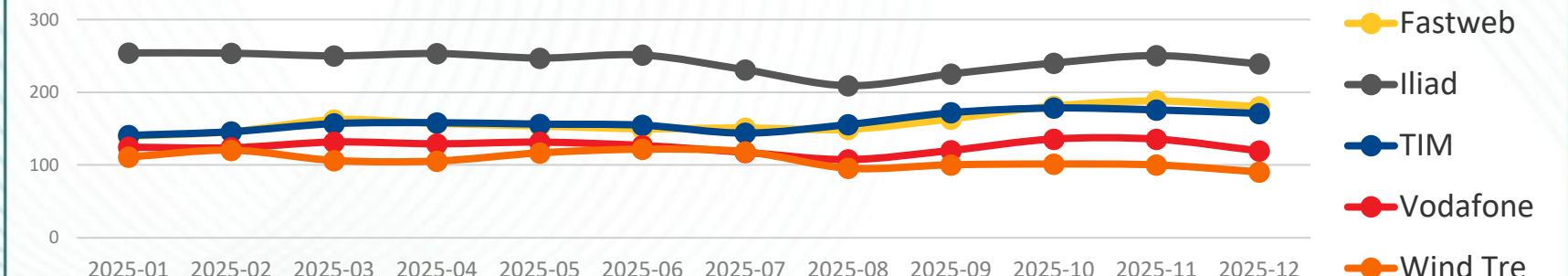
The subscribers of Iliad enjoyed the best Fixed Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



Source : nPerf.com

Upload Speed evolution over the year (average)



Source : nPerf.com



Latency (average)

Fastweb 20.01 ms

Iliad 15.88 ms

TIM 24.22 ms

Vodafone 28.08 ms

Wind Tre 34.46 ms

Source : nPerf.com

Latency (average)

Busy Time

Fastweb 19.64 ms

Iliad 16.49 ms

TIM 24.57 ms

Vodafone 27.09 ms

Wind Tre 33.40 ms

Idle Time

Fastweb 20.22 ms

Iliad 15.56 ms

TIM 24.10 ms

Vodafone 28.52 ms

Wind Tre 34.92 ms

Source : nPerf.com

The subscribers of Iliad enjoyed the best Fixed Internet Latency in 2025.

Latency results ventilation (average)

Slow (100 ms +)

Fastweb

13%



Iliad

8%



TIM

21%



Vodafone

31%



Wind Tre

46%

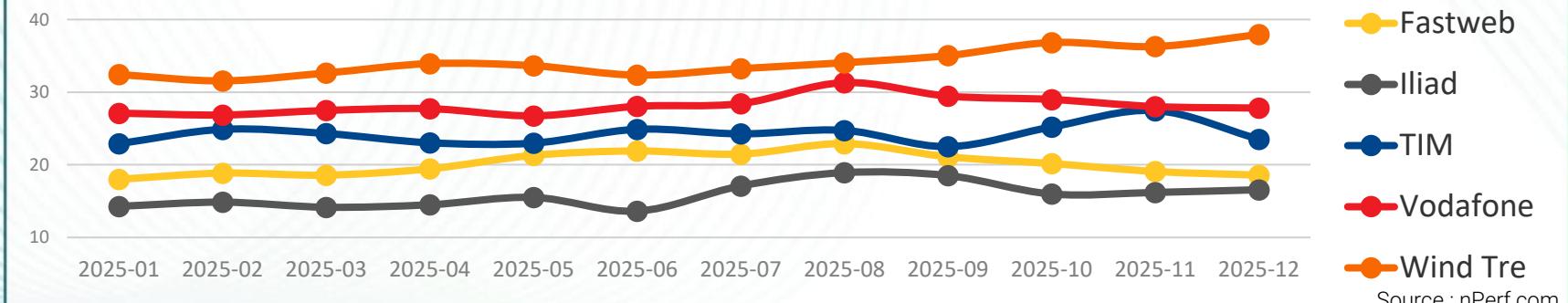


Correct (30-100 ms)

Excellent (0-30 ms)

Source : nPerf.com

Latency evolution over the year (average)



Source : nPerf.com



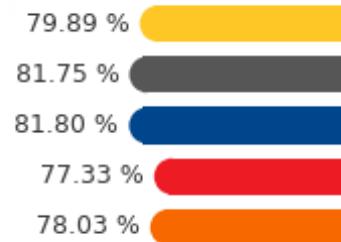
Browsing Performance (average)



Source : nPerf.com

Browsing Performance (average)

Busy Time



Idle Time



81.75 %

Iliad

81.80 %

TIM

77.33 %

Vodafone

78.03 %

Wind Tre

Source : nPerf.com

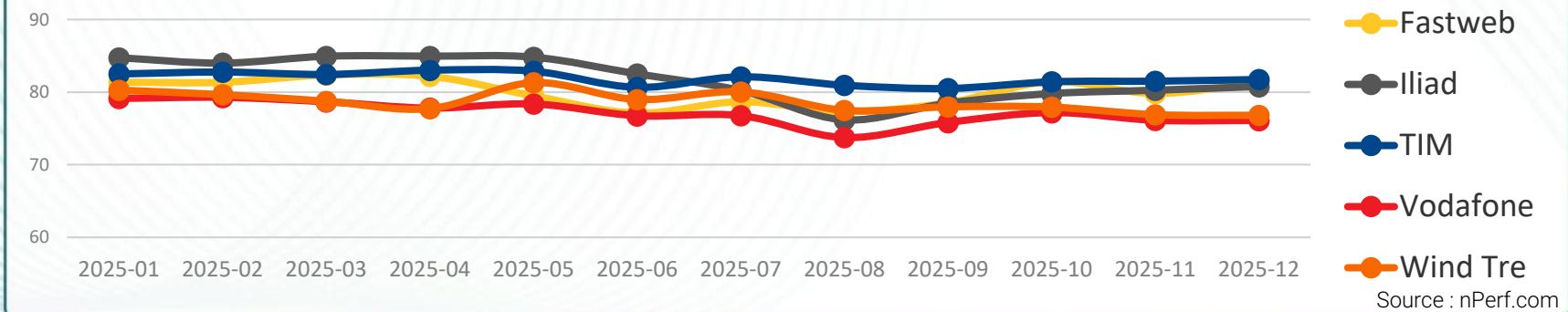
The subscribers of TIM enjoyed the best Fixed Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



Source : nPerf.com



Streaming Performance



Streaming Performance (average)

Fastweb 80.66 %

Iliad 85.46 %

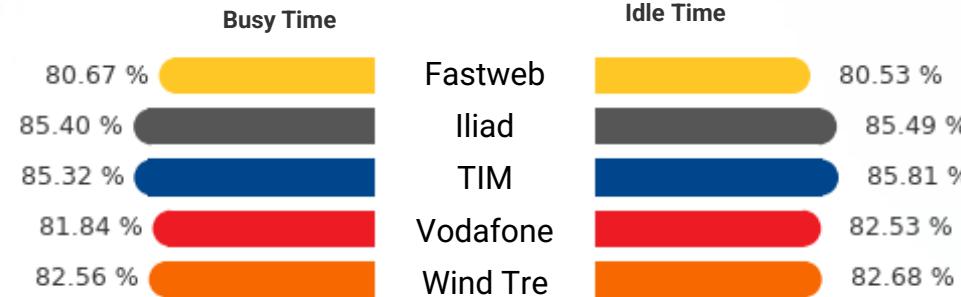
TIM 85.66 %

Vodafone 82.28 %

Wind Tre 82.78 %

Source : nPerf.com

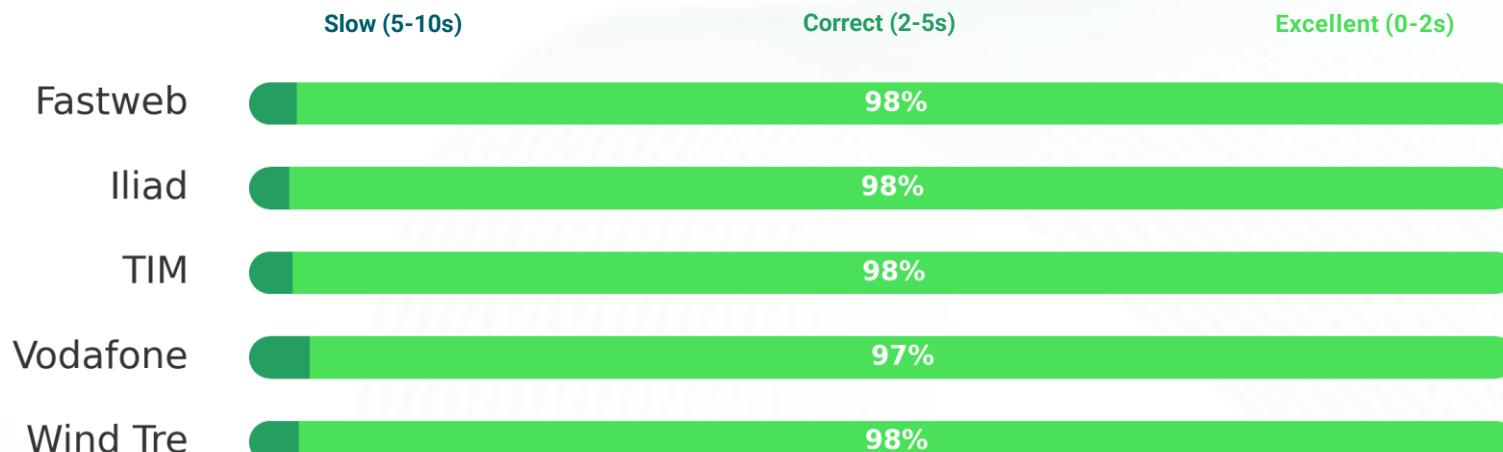
Streaming Performance (average)



Source : nPerf.com

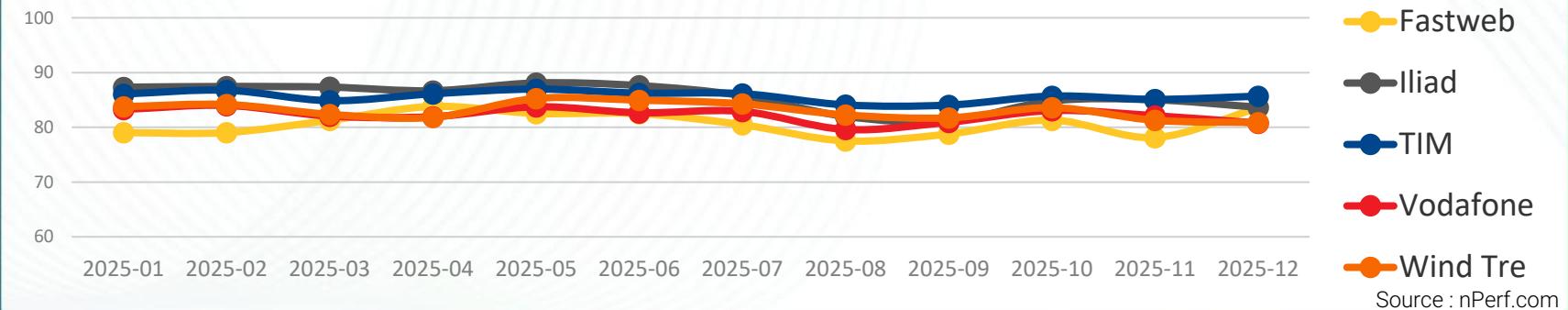
The subscribers of TIM enjoyed the best Fixed Internet Streaming Performance in 2025.

Streaming Performance results ventilation (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 Iliad enjoyed the best WIFI Internet in 2025.

Best performances WIFI: Iliad

Fastest performances (Download Speed) WIFI: Iliad

Fastest performances (Upload Speed) WIFI: Iliad

WIFI connections with the lowest latency: Iliad

Best web browsing performances WIFI: Iliad

Best streaming performances WIFI: Iliad

Source : nPerf.com




3



1



2

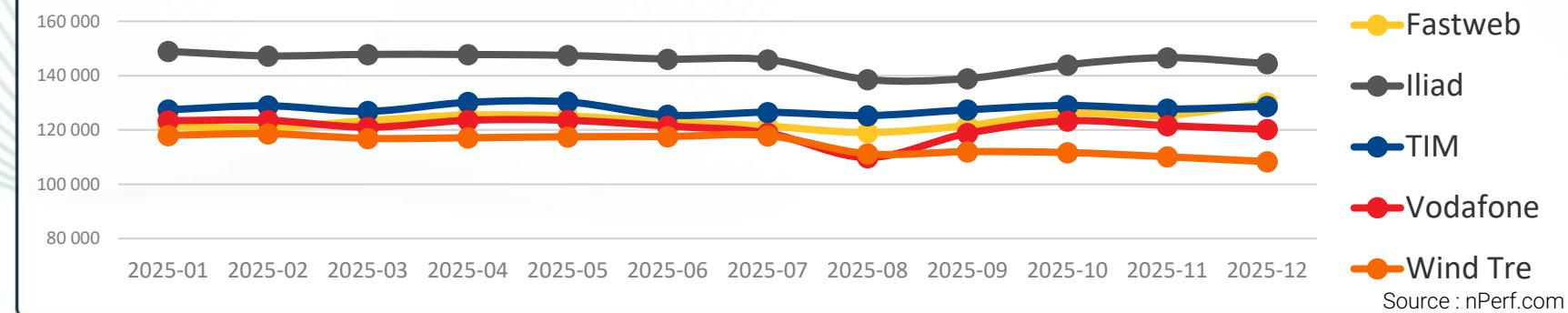


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Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)


Source : nPerf.com

nPerf QoE nPerf Score (nPoints)


Source : nPerf.com

The subscribers of Iliad enjoyed the best FTTH Internet in 2025.

Best performances FTTH: Iliad

Fastest performances (Download Speed) FTTH: TIM

Fastest performances (Upload Speed) FTTH: Fastweb

FTTH connections with the lowest latency: Fastweb

Best web browsing performances FTTH: TIM

Best streaming performances FTTH: TIM

Source : nPerf.com



FASTWEB



2




1




2

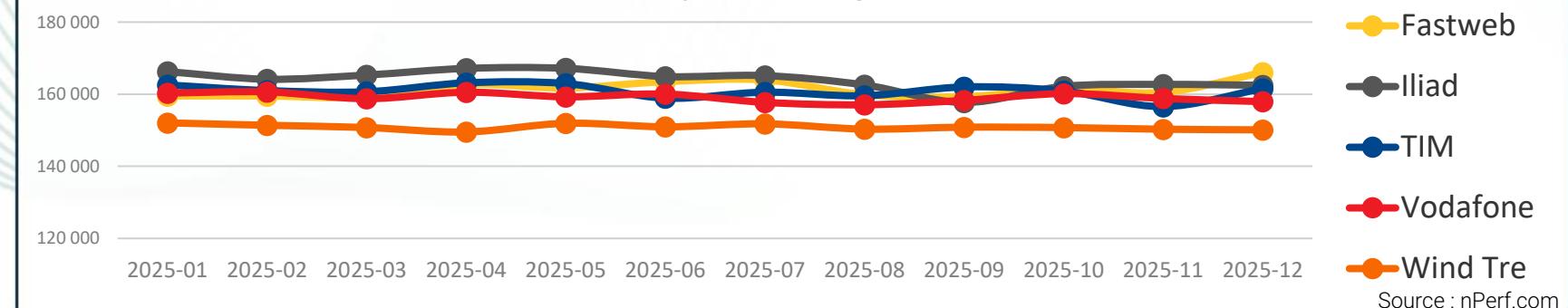



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Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)


Source : nPerf.com

nPerf Score (nPoints)



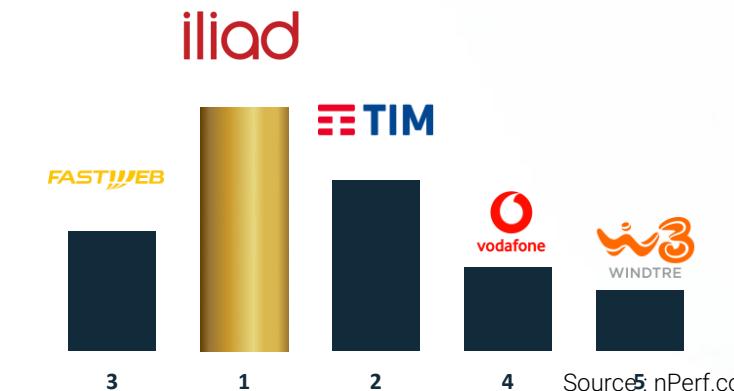
Source : nPerf.com

The subscribers of Iliad enjoyed the best Fixed 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.

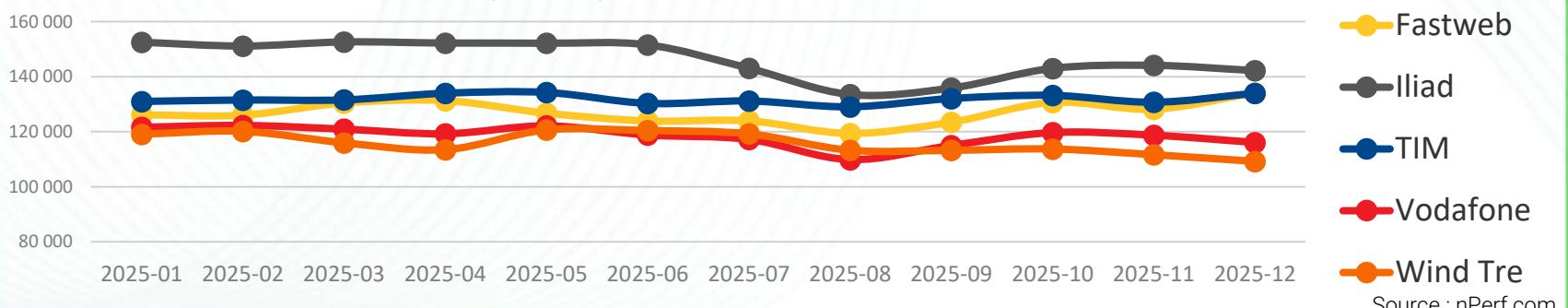
Source : nPerf.com

iliad
Best Fixed Internet performance in 2025



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com

