January 2026

Barometer of mobile Internet connections in Italy

01/01/2025 - 12/31/2025

V1.0

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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!

Télécharger dans l'App Store

DISPONIBLE SUR Google Play

Test your connection on nPerf.com
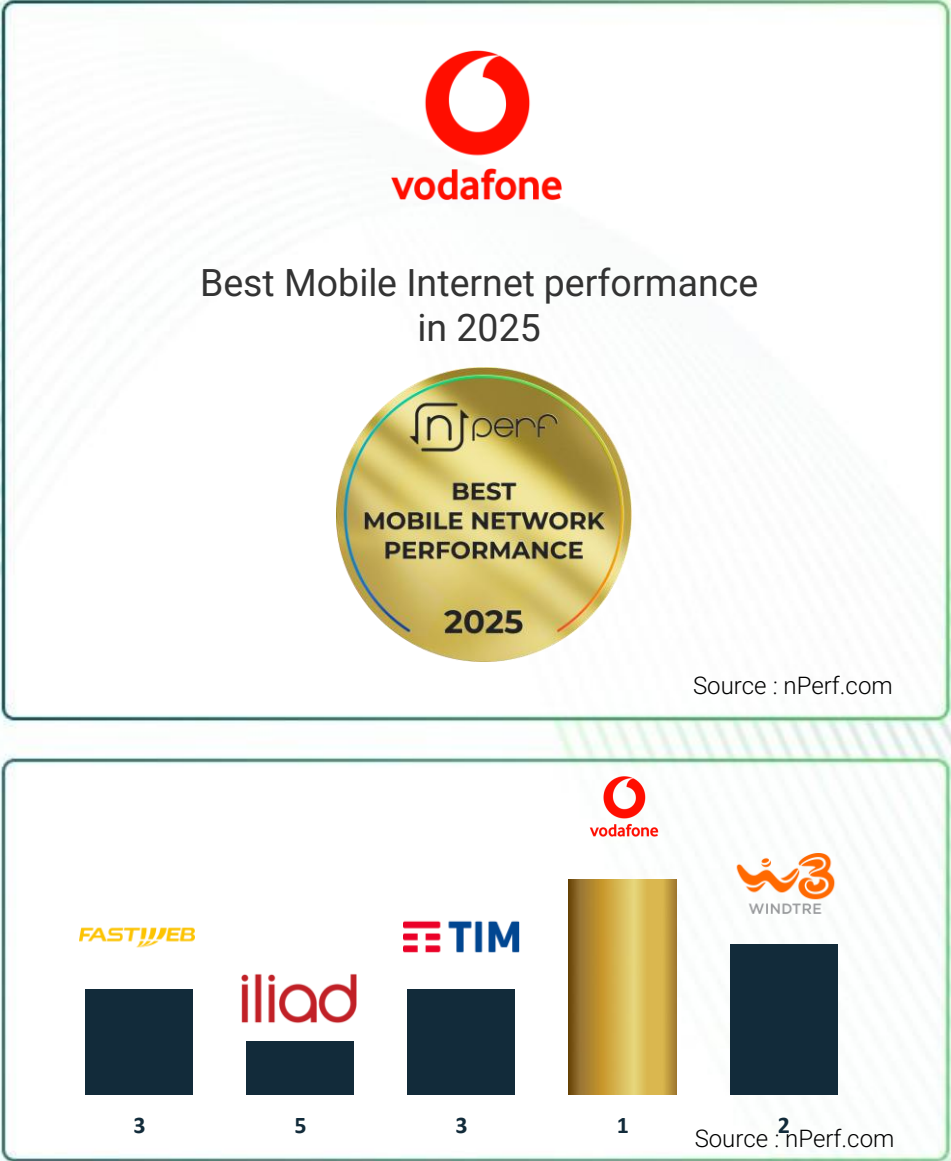
2. Executive Summary

The subscribers of Vodafone enjoyed the best Mobile Internet performances in 2025 in Italy.

Mobile Internet performance in Italy

	Fastweb	Iliad	TIM	Vodafone	Wind Tre
Download bitrates (Mb/s)	104.20	52.39	84.08	121.50	103.34
Upload bitrates (Mb/s)	15.35	9.82	14.82	17.49	14.78
Latency (ms)	46.70	52.53	44.70	37.77	44.92
Web browsing (%)	69.54	67.05	69.50	71.98	71.99
Youtube streaming (%)	76.87	74.48	77.29	78.19	78.02
nPerf Score (nPoints)	82 620	68 424	80 690	90 088	84 814

Source : nPerf.com

vodafone

Best Mobile Internet performance in 2025

BEST MOBILE NETWORK PERFORMANCE 2025

Source : nPerf.com

vodafone

FASTWEB	iliad	TIM		WINDTRE
3	5	3	1	2

Source : nPerf.com

The subscribers of Vodafone enjoyed the best 5G Internet in 2025 in Italy.

Mobile Internet performance in Italy

	Fastweb	Iliad	TIM	Vodafone	Wind Tre
Download bitrates (Mb/s)	173.67	75.70	140.34	211.19	139.49
Upload bitrates (Mb/s)	22.52	14.15	21.81	26.04	19.85
Latency (ms)	45.97	50.74	45.83	35.74	45.59
Web browsing (%)	73.36	70.36	71.87	75.01	74.86
Youtube streaming (%)	78.33	75.43	78.57	79.93	77.95
nPerf Score (nPoints)	94 172	77 170	90 721	102 895	91 584

Source : nPerf.com

The Italian mobile Internet sector displays an average score of 81,327 nPoints. Vodafone establishes itself as leader with 90,088 nPoints and dominates download speed, upload speed, and latency. The sector is characterized by tight competition in browsing and video streaming, where multiple operators share first place ex-aequo.

Vodafone: consolidated leadership across all indicators

Vodafone leads the sector with 90,088 nPoints and dominates download speed with 121.50 Mbps, ideal for HD streaming and large file downloads. The operator achieves the best upload speed (17.49 Mbps), ensuring quality video conferencing and content sharing. With optimal latency of 37.77 ms, it guarantees responsive online gaming and real-time communications. Vodafone shares first place ex-aequo in browsing (71.98%) and video streaming (78.19%), delivering a balanced user experience.

Wind Tre: competitive performances in user experience

Wind Tre ranks second with 84,814 nPoints and shares first place ex-aequo in browsing (71.99%) and video streaming (78.02%). The operator demonstrates solid performances across all indicators, ensuring a quality mobile experience for its users.

Fastweb: strong speed positioning

Fastweb ranks third with 82,620 nPoints and progresses by 0.8% year-over-year. The operator distinguishes itself with download speed of 104.20 Mbps (2nd place) and upload speed of 15.35 Mbps (2nd place), guaranteeing fluid streaming and efficient content sharing.

TIM: optimal latency

TIM ranks fourth with 80,690 nPoints and achieves the second-best latency in the sector (44.70 ms), ideal for real-time applications and online gaming.

Iliad: solid positioning

Iliad ranks fifth with 68,424 nPoints and maintains its presence in the Italian mobile sector with consistent performances.

Vodafone consolidates its leadership with balanced performances across all key performance indicators. The sector shows tight competition in user experience, with multiple operators delivering quality browsing and video streaming. Italian users benefit from competitive download and upload speed, particularly suitable for streaming and video conferencing applications.

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.
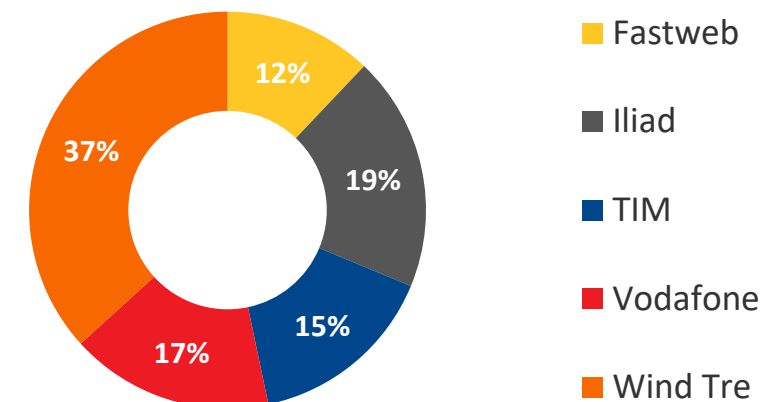
▶ Streaming performance

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 1.0% 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.

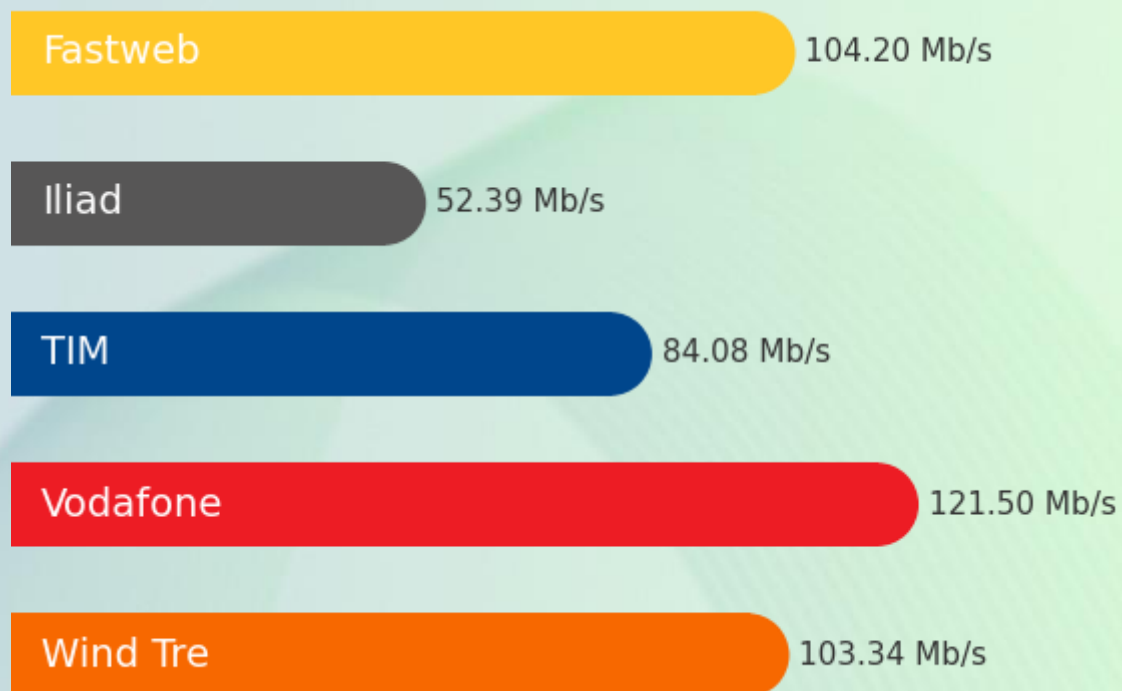**Overall distribution of the tests per provider (ISPs Share)**

- 12% Fastweb
- 19% Iliad
- 15% TIM
- 17% Vodafone
- 37% Wind Tre

Source : nPerf.com

Download Speed

Download Speed (average)

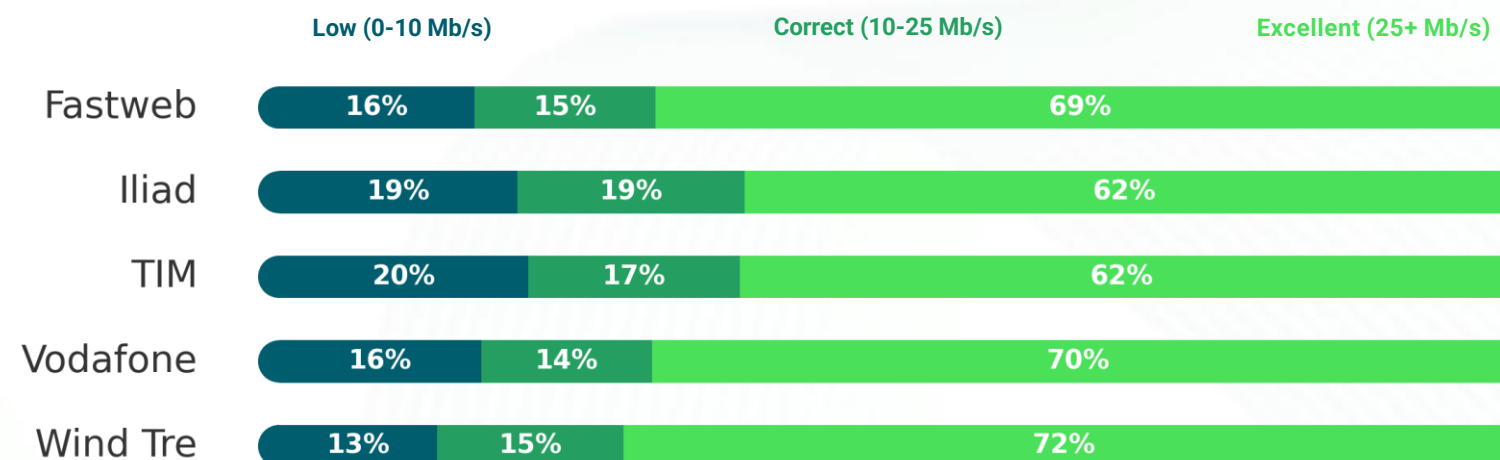|	
Fastweb	104.20 Mb/s
Iliad	52.39 Mb/s
TIM	84.08 Mb/s
Vodafone	121.50 Mb/s
Wind Tre	103.34 Mb/s

Source : nPerf.com

The subscribers of Vodafone enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)

	Low (0-10 Mb/s)	Correct (10-25 Mb/s)	Excellent (25+ Mb/s)
Fastweb	16%	15%	69%
Iliad	19%	19%	62%
TIM	20%	17%	62%
Vodafone	16%	14%	70%
Wind Tre	13%	15%	72%

Source : nPerf.com

Download Speed (average)

Busy Time		Idle Time
98.44 Mb/s	Fastweb	106.20 Mb/s
42.49 Mb/s	Iliad	55.49 Mb/s
72.47 Mb/s	TIM	86.93 Mb/s
102.41 Mb/s	Vodafone	127.19 Mb/s
75.72 Mb/s	Wind Tre	109.13 Mb/s

Source : nPerf.com

Download Speed evolution over the year (average)

Legend: Fastweb, Iliad, TIM, Vodafone, Wind Tre

Source : nPerf.com

Upload Speed

Upload Speed (average)

Fastweb	15.35 Mb/s
Iliad	9.82 Mb/s
TIM	14.82 Mb/s
Vodafone	17.49 Mb/s
Wind Tre	14.78 Mb/s
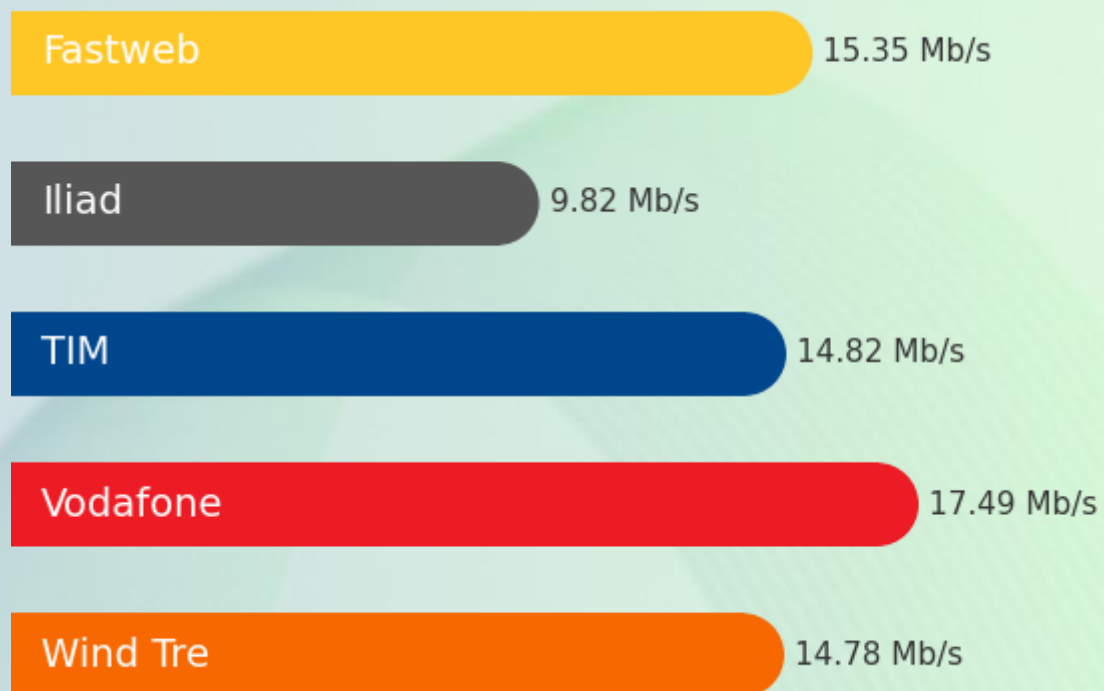
Source : nPerf.com

The subscribers of Vodafone enjoyed the best Mobile Internet Upload Speed in 2025.
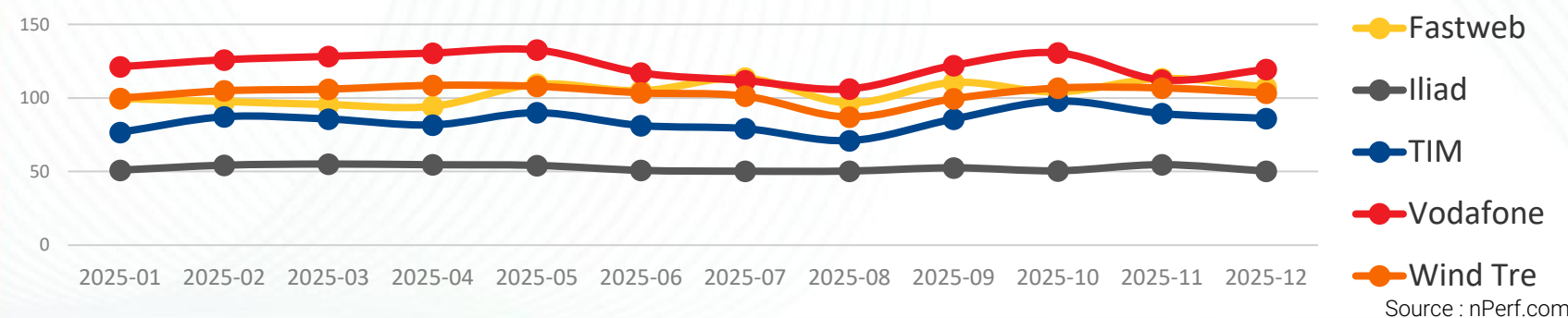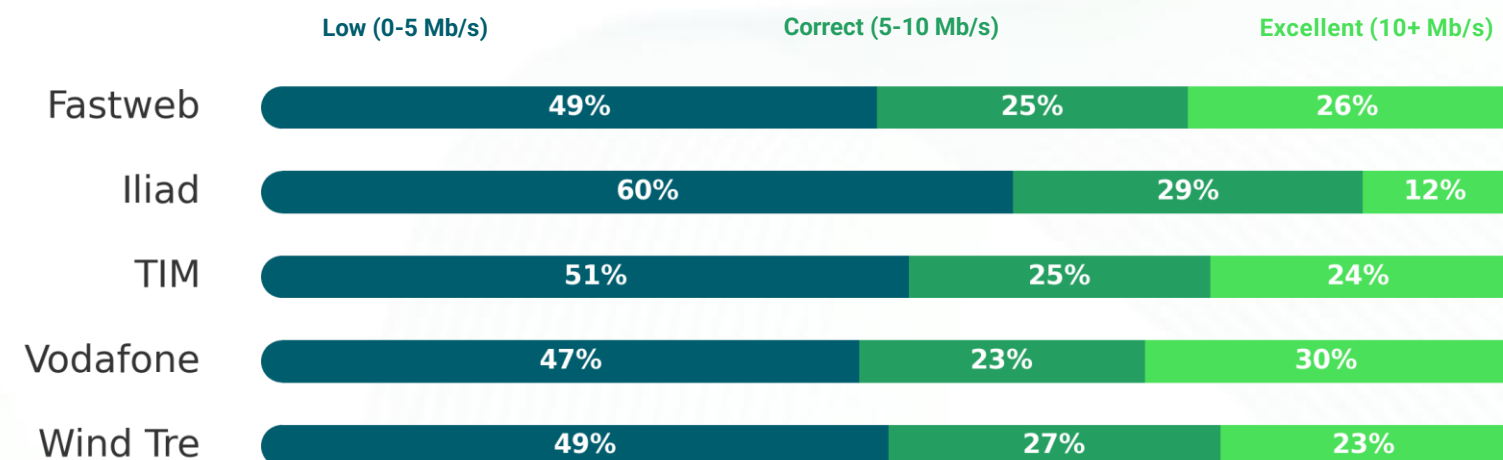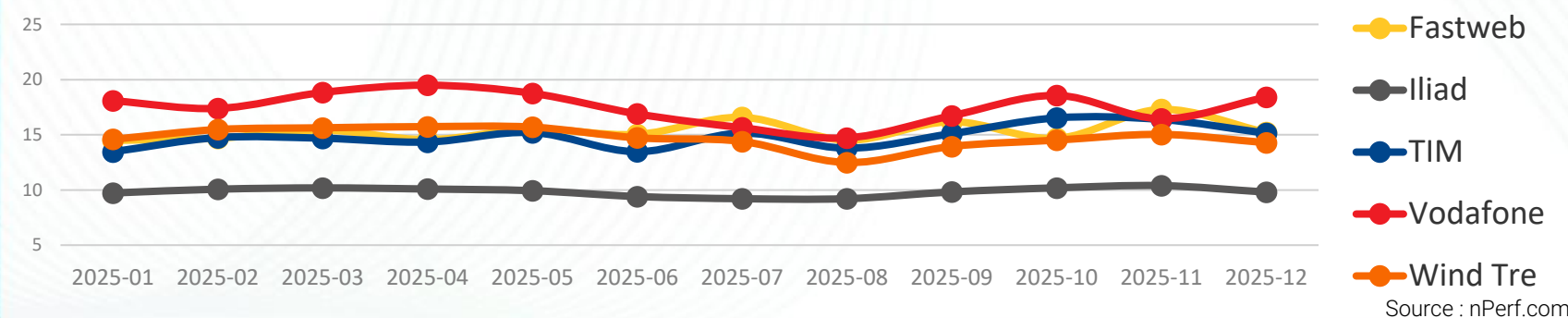
Upload Speed results ventilation (average)

	Low (0-5 Mb/s)	Correct (5-10 Mb/s)	Excellent (10+ Mb/s)
Fastweb	49%	25%	26%
Iliad	60%	29%	12%
TIM	51%	25%	24%
Vodafone	47%	23%	30%
Wind Tre	49%	27%	23%

Source : nPerf.com

Upload Speed (average)

Busy Time		Idle Time
14.76 Mb/s	Fastweb	15.56 Mb/s
8.76 Mb/s	Iliad	10.19 Mb/s
13.42 Mb/s	TIM	15.19 Mb/s
14.65 Mb/s	Vodafone	18.33 Mb/s
12.08 Mb/s	Wind Tre	15.32 Mb/s

Source : nPerf.com

Upload Speed evolution over the year (average)

Legend: Fastweb, Iliad, TIM, Vodafone, Wind Tre

X-axis: 2025-01, 2025-02, 2025-03, 2025-04, 2025-05, 2025-06, 2025-07, 2025-08, 2025-09, 2025-10, 2025-11, 2025-12

Source : nPerf.com

Latency

Latency (average)

Fastweb — 46.70 ms
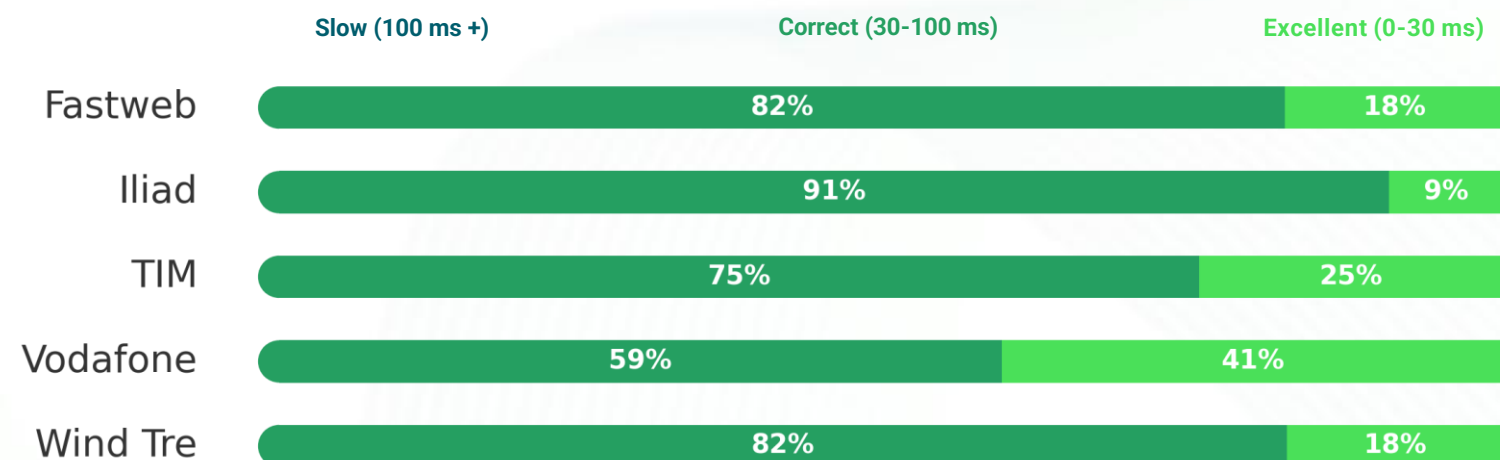Iliad — 52.53 ms
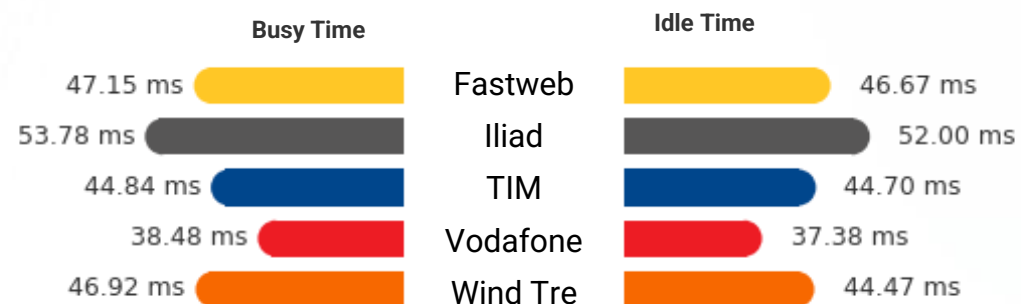TIM — 44.70 ms
Vodafone — 37.77 ms
Wind Tre — 44.92 ms

Source : nPerf.com

The subscribers of Vodafone enjoyed the best Mobile Internet Latency in 2025.
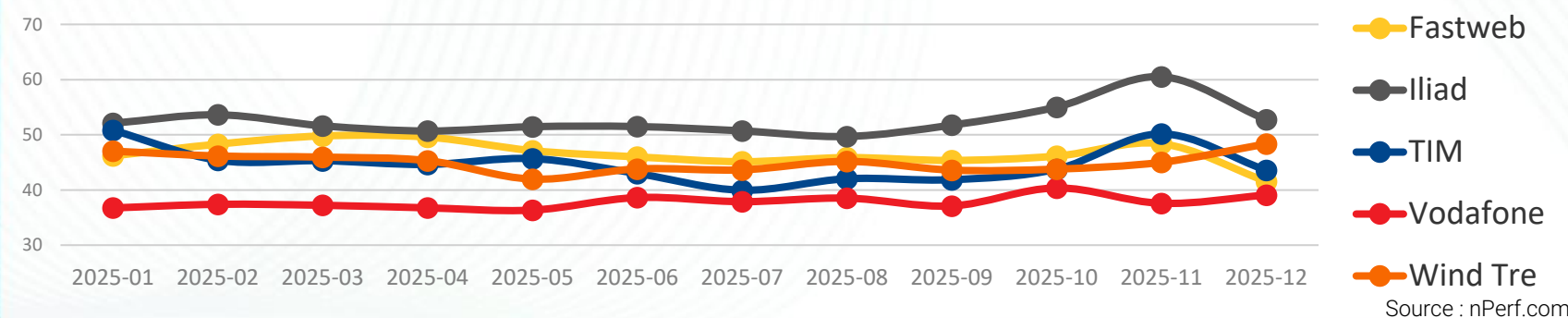
Latency results ventilation (average)

	Slow (100 ms +)	Correct (30-100 ms)	Excellent (0-30 ms)
Fastweb		82%	18%
Iliad		91%	9%
TIM		75%	25%
Vodafone		59%	41%
Wind Tre		82%	18%

Source : nPerf.com

Latency (average)

Busy Time		Idle Time
47.15 ms	Fastweb	46.67 ms
53.78 ms	Iliad	52.00 ms
44.84 ms	TIM	44.70 ms
38.48 ms	Vodafone	37.38 ms
46.92 ms	Wind Tre	44.47 ms

Source : nPerf.com

Latency evolution over the year (average)

Fastweb, Iliad, TIM, Vodafone, Wind Tre

Source : nPerf.com

Browsing Performance
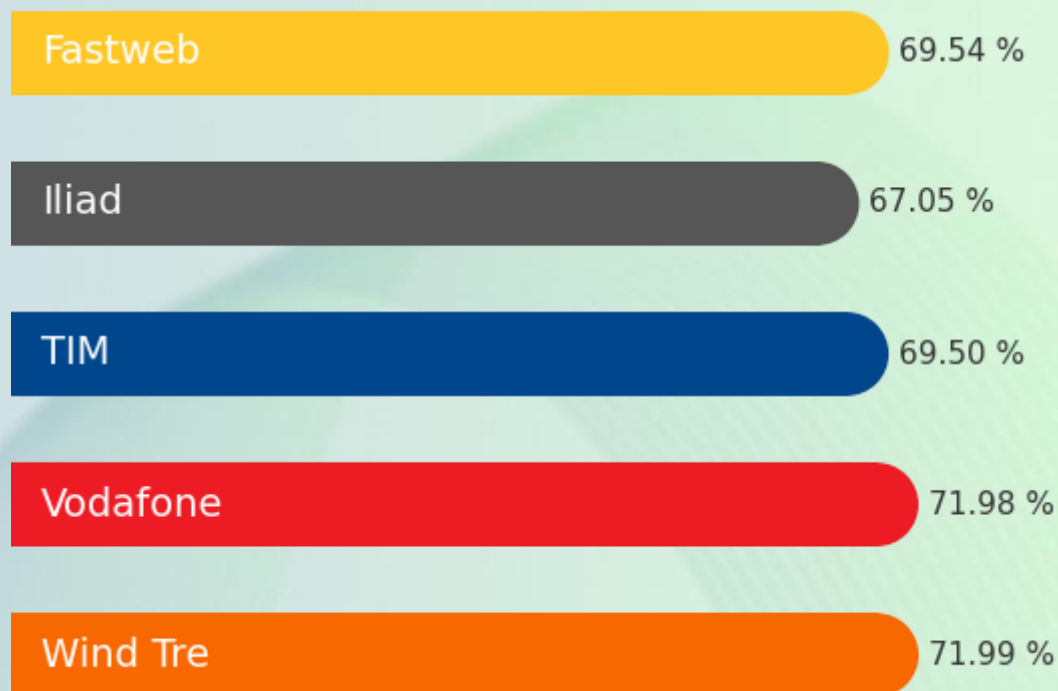
Browsing Performance (average)

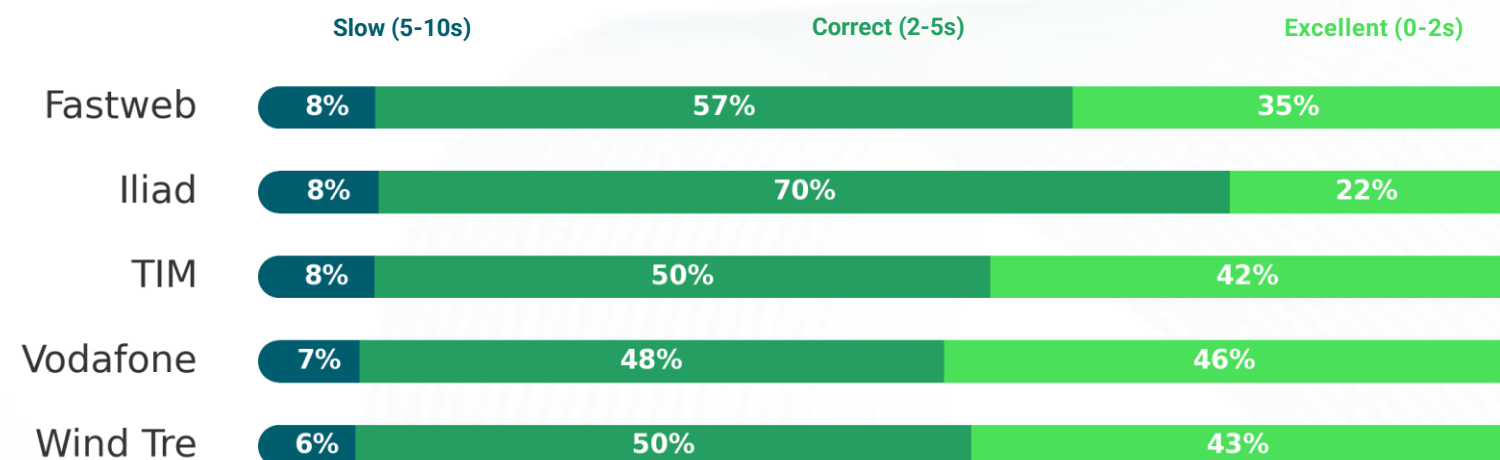|	
Fastweb	69.54 %
Iliad	67.05 %
TIM	69.50 %
Vodafone	71.98 %
Wind Tre	71.99 %

Source : nPerf.com

The subscribers of Vodafone and Wind Tre enjoyed the best Mobile Internet Browsing Performance in 2025.

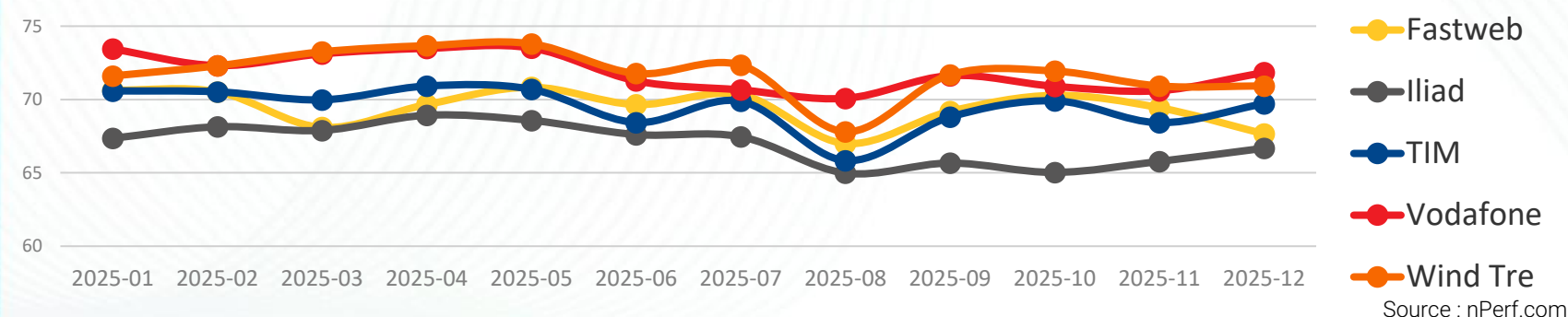## Browsing Performance results ventilation (average)

	Slow (5-10s)	Correct (2-5s)	Excellent (0-2s)
Fastweb	8%	57%	35%
Iliad	8%	70%	22%
TIM	8%	50%	42%
Vodafone	7%	48%	46%
Wind Tre	6%	50%	43%

Source : nPerf.com

Browsing Performance (average)

Busy Time		Idle Time
69.31 %	Fastweb	69.53 %
66.56 %	Iliad	67.21 %
69.46 %	TIM	69.48 %
71.09 %	Vodafone	72.23 %
69.28 %	Wind Tre	72.59 %

Source : nPerf.com

Browsing Performance evolution over the year (average)

Legend: Fastweb, Iliad, TIM, Vodafone, Wind Tre

Source : nPerf.com

Streaming Performance

Streaming Performance (average)
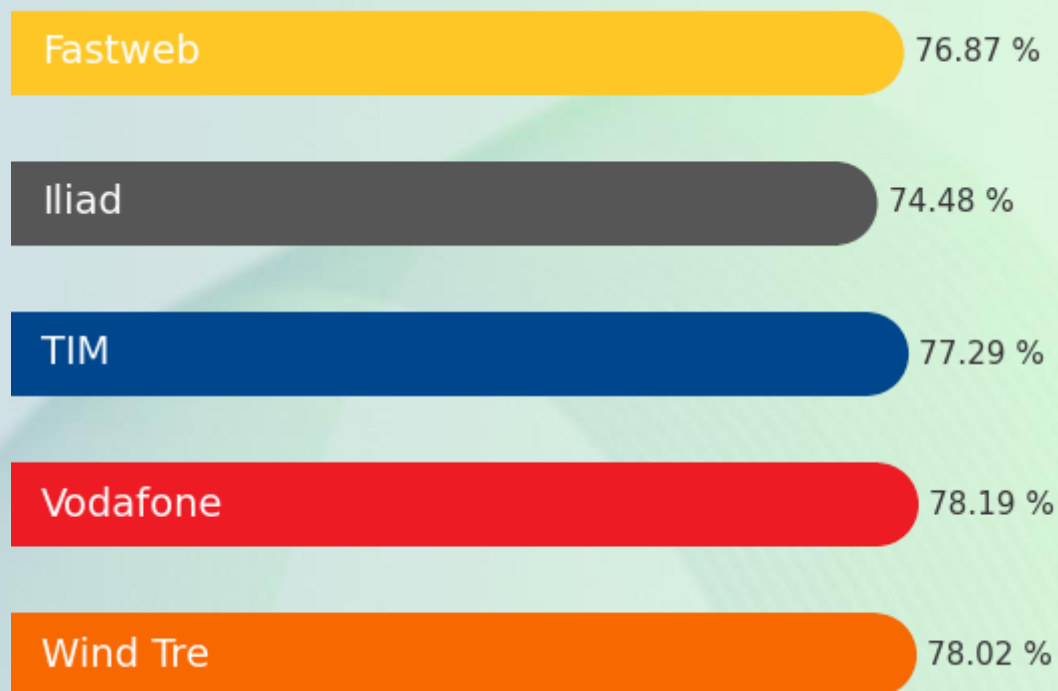
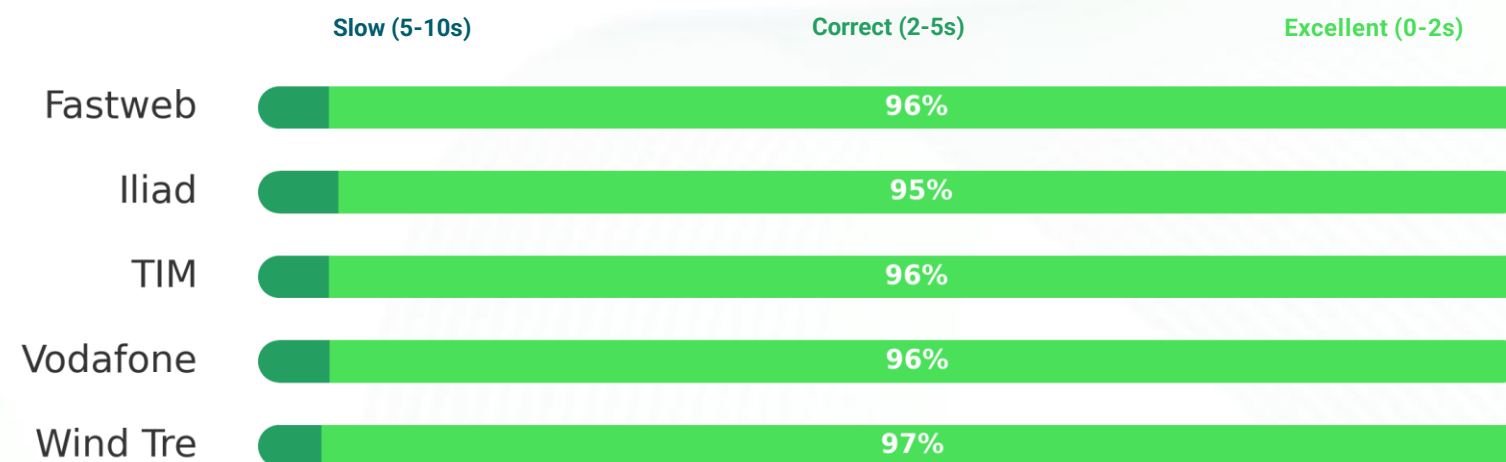|	
Fastweb	76.87 %
Iliad	74.48 %
TIM	77.29 %
Vodafone	78.19 %
Wind Tre	78.02 %

Source : nPerf.com

The subscribers of Vodafone and Wind Tre enjoyed the best Mobile Internet Streaming Performance in 2025.

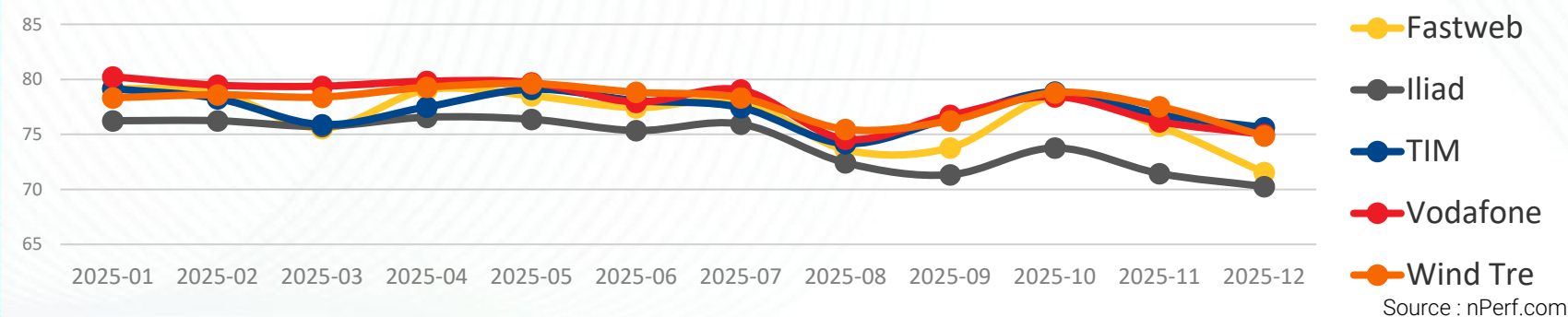### Streaming Performance results ventilation (average)

	Slow (5-10s)	Correct (2-5s)	Excellent (0-2s)
Fastweb			96%
Iliad			95%
TIM			96%
Vodafone			96%
Wind Tre			97%

Source : nPerf.com

Streaming Performance (average)

Busy Time			Idle Time
75.38 %	Fastweb		77.29 %
71.69 %	Iliad		75.27 %
75.53 %	TIM		77.81 %
76.30 %	Vodafone		78.80 %
75.08 %	Wind Tre		78.61 %

Source : nPerf.com

Streaming Performance evolution over the year (average)

Legend: Fastweb, Iliad, TIM, Vodafone, Wind Tre

X-axis: 2025-01, 2025-02, 2025-03, 2025-04, 2025-05, 2025-06, 2025-07, 2025-08, 2025-09, 2025-10, 2025-11, 2025-12
Y-axis: 65, 70, 75, 80, 85

Source : nPerf.com

nPerf QoE nPerf Score (nPoints)

Fastweb — 94 172

Iliad — 77 170

TIM — 90 721

Vodafone — 102 895

Wind Tre — 91 584

Source : nPerf.com

The subscribers of Vodafone enjoyed the best 5G Internet in 2025.

Best performances 5G: Vodafone

Fastest performances (Download Speed) 5G: Vodafone

Fastest performances (Upload Speed) 5G: Vodafone

5G connections with the lowest latency: Vodafone

Best web browsing performances 5G: Vodafone and Wind Tre

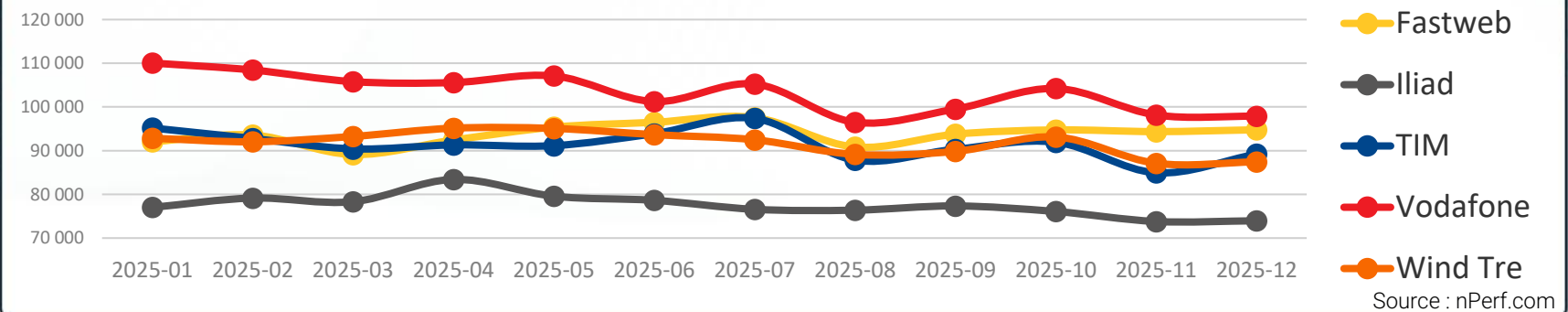Best streaming performances 5G: Vodafone

Source : nPerf.com

Source : nPerf.com

5G evolution over the year (average)
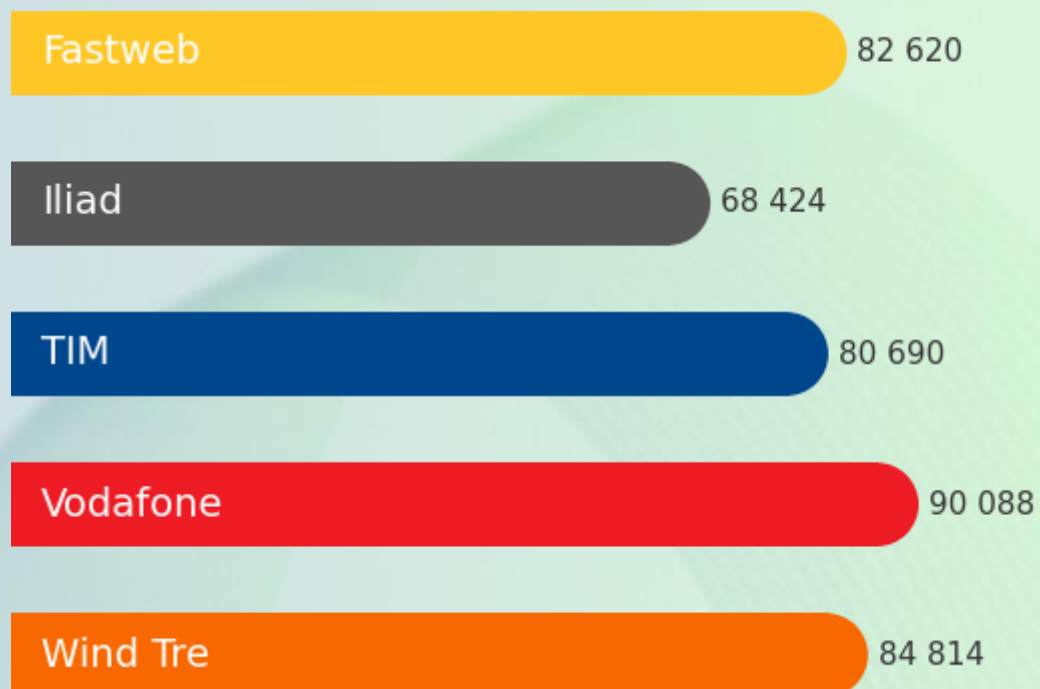

Source : nPerf.com

nPerf QoE nPerf Score (nPoints)

| Operator	Score
Fastweb	82 620
Iliad	68 424
TIM	80 690
Vodafone	90 088
Wind Tre	84 814

Source : nPerf.com

The subscribers of Vodafone enjoyed the best Mobile 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.
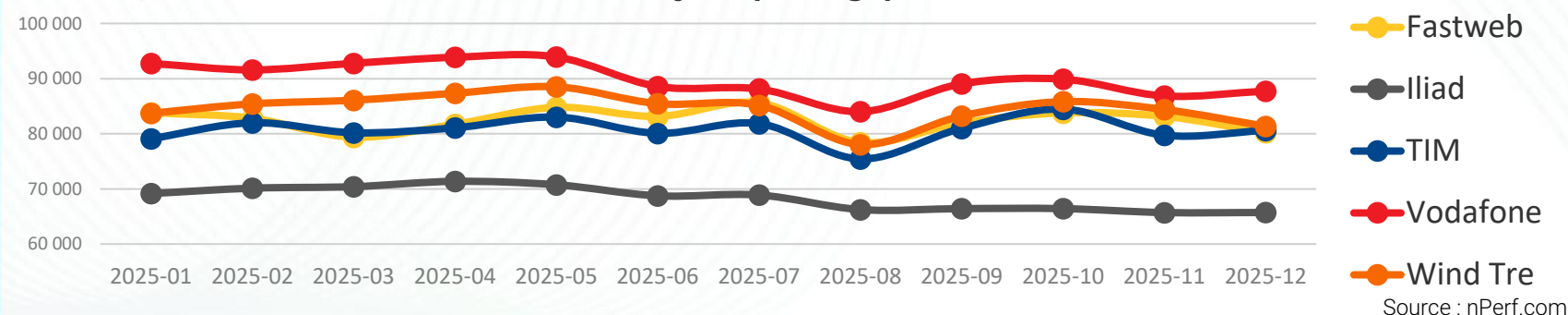
Source : nPerf.com

vodafone

Best Mobile Internet performance in 2025

BEST MOBILE NETWORK PERFORMANCE 2025

FASTWEB iliad TIM vodafone WINDTRE

| 3 | 5 | 3 | 1 | 2 |
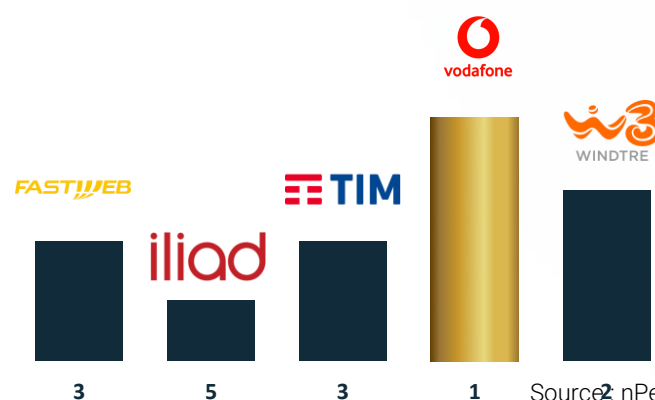
Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)

- Fastweb
- Iliad
- TIM
- Vodafone
- Wind Tre

Source : nPerf.com

nperf

We qualify your connection