



Barometer of fixed Internet connections in Czechia

01/01/2025 - 12/31/2025



1

**Introducing
nPerf**

2

**Executive
summary**

3

Analysis

4

Methodology

5

**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.

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Test your connection
on nPerf.com

2. Executive Summary

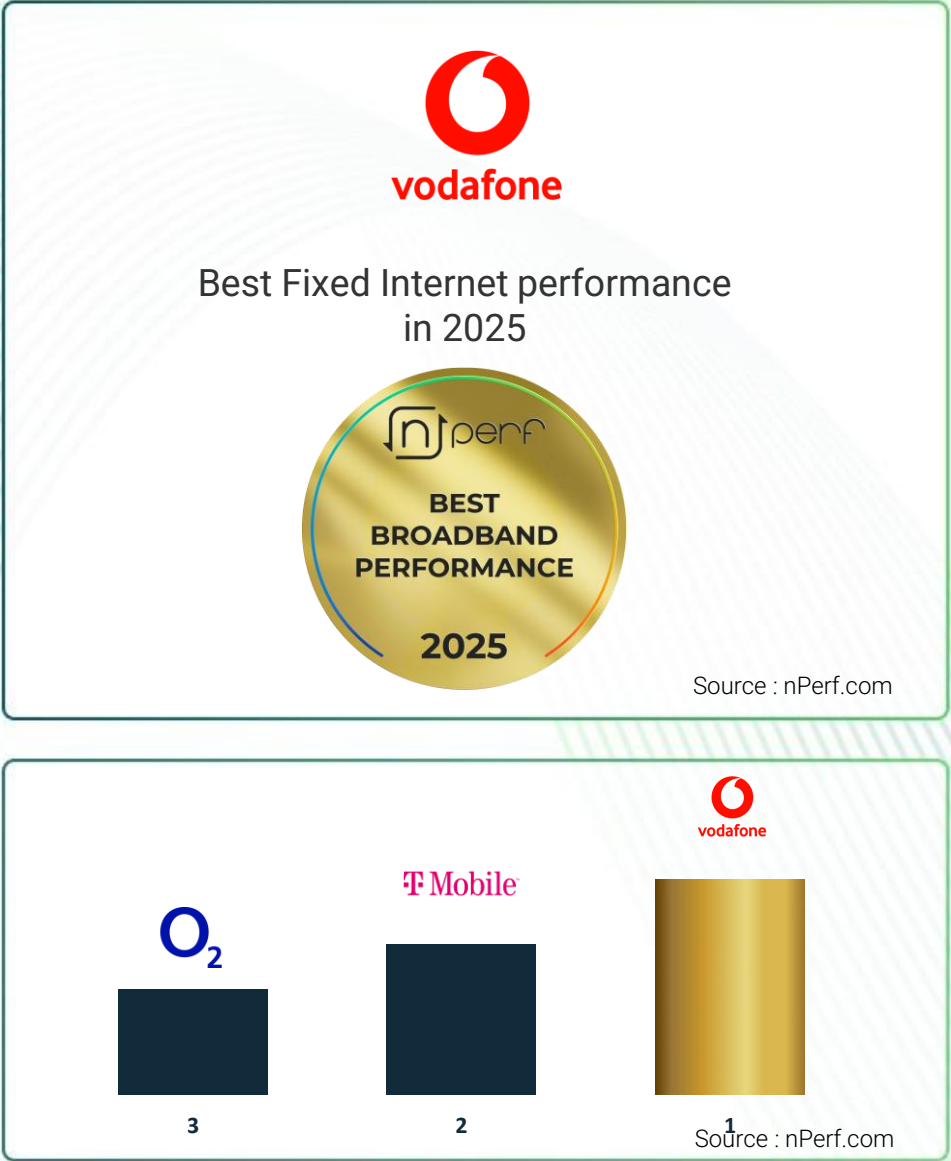


The subscribers of Vodafone enjoyed the best Fixed Internet performances in 2025 in Czechia.

Fixed Internet performance in Czechia

	02	T-Mobile	Vodafone
▼ Download bitrates (Mb/s)	96.33	154.47	193.17
▲ Upload bitrates (Mb/s)	55.74	105.74	60.06
◀▶ Latency (ms)	28.56	28.15	22.89
🌐 Web browsing (%)	77.26	75.85	79.42
📺 Youtube streaming (%)	81.45	79.97	82.88
📊 nPerf Score (nPoints)	103 742	111 788	118 909

Source : nPerf.com



The subscribers of T-Mobile and Vodafone enjoyed the best WIFI Internet in 2025 in Czechia.

Fixed Internet performance in Czechia

	02	T-Mobile	Vodafone
 Download bitrates (Mb/s)	78.90	134.57	153.87
 Upload bitrates (Mb/s)	45.32	96.23	46.05
 Latency (ms)	30.89	28.09	25.66
 Web browsing (%)	78.16	79.39	79.60
 Youtube streaming (%)	82.16	81.81	83.02
 nPerf Score (nPoints)	99 757	113 339	112 759

Source : nPerf.com

The subscribers of O2, T-Mobile and Vodafone enjoyed the best FTTH Internet in 2025 in Czechia.

Fixed Internet performance in Czechia

	O2	T-Mobile	Vodafone
 Download bitrates (Mb/s)	383.33	431.41	449.45
 Upload bitrates (Mb/s)	369.95	407.46	341.29
 Latency (ms)	17.43	18.43	15.59
 Web browsing (%)	86.20	83.59	87.16
 Youtube streaming (%)	87.63	84.49	83.54
 nPerf Score (nPoints)	153 363	149 720	153 682

Source : nPerf.com

The Czech Republic fixed-line Internet sector displays an average score of 111,480 nPoints. Vodafone establishes itself as leader with 118,909 nPoints and dominates on download speed, latency, browsing and video streaming. The sector is characterized by strong competition on both WiFi and FTTH focuses, with three operators sharing top positions ex-aequo.

Vodafone: consolidated leadership

Vodafone leads the sector with 118,909 nPoints and records a strong progression of +2.3%. The operator dominates download speed with 193.17 Mbps, ensuring optimal HD streaming. It achieves the best latency (22.89 ms), ideal for online gaming and real-time communications. Leader in browsing (79.42%) and video streaming (82.88%), it delivers a well-balanced user experience. Vodafone shares first place ex-aequo with T-Mobile on WiFi focus and with T-Mobile and O2 on FTTH focus.

T-Mobile: competitive upload performance

T-Mobile ranks second with 111,788 nPoints and dominates upload speed with 105.74 Mbps, guaranteeing quality video conferencing and content sharing. The operator displays strong download performance

(154.47 Mbps, 2nd place). T-Mobile shares first place ex-aequo with Vodafone on WiFi focus and with Vodafone and O2 on FTTH focus.

O2: solid positioning

O2 ranks third with 103,742 nPoints. The operator achieves second place in browsing (77.26%) and video streaming (81.45%). O2 shares first place ex-aequo with Vodafone and T-Mobile on FTTH focus.

Vodafone strengthens its leadership with balanced performances across all indicators. The sector shows healthy competition with three operators sharing ex-aequo positions on strategic focuses. Users benefit from increasingly efficient services, particularly for streaming and real-time communications.

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

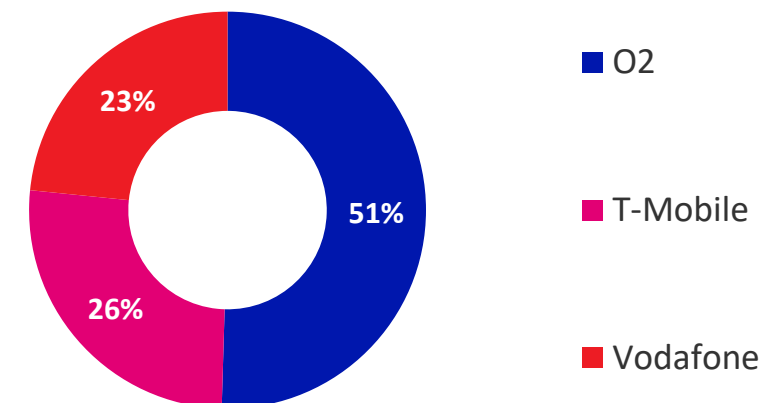
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.4% 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)



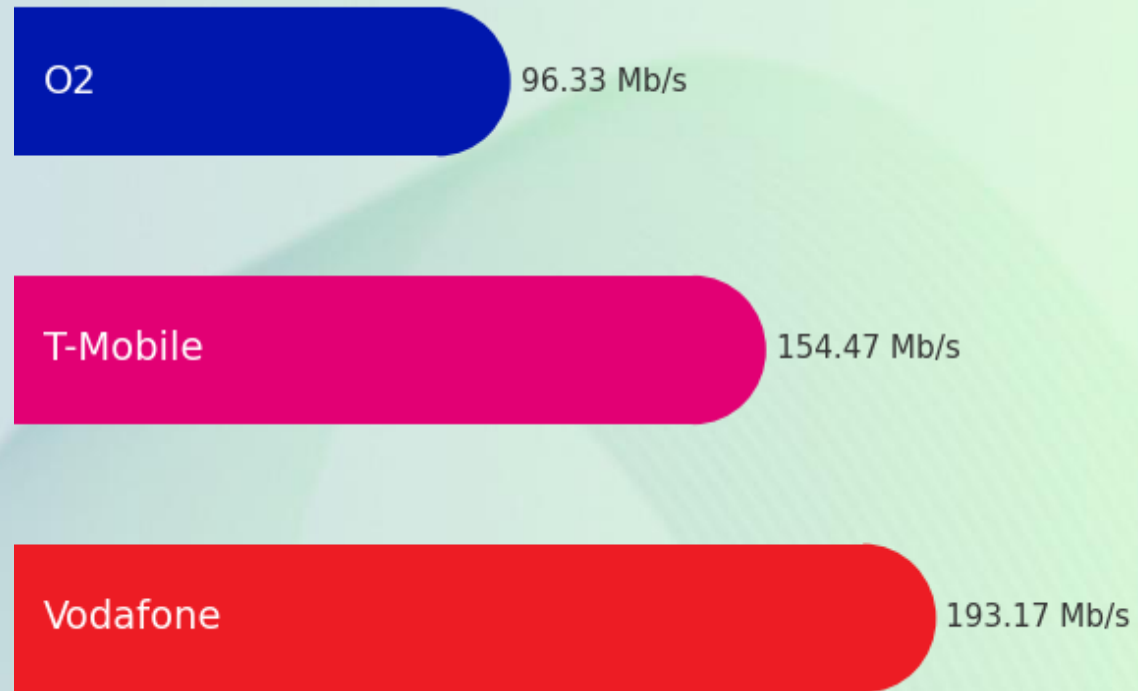
Source : nPerf.com



Download Speed



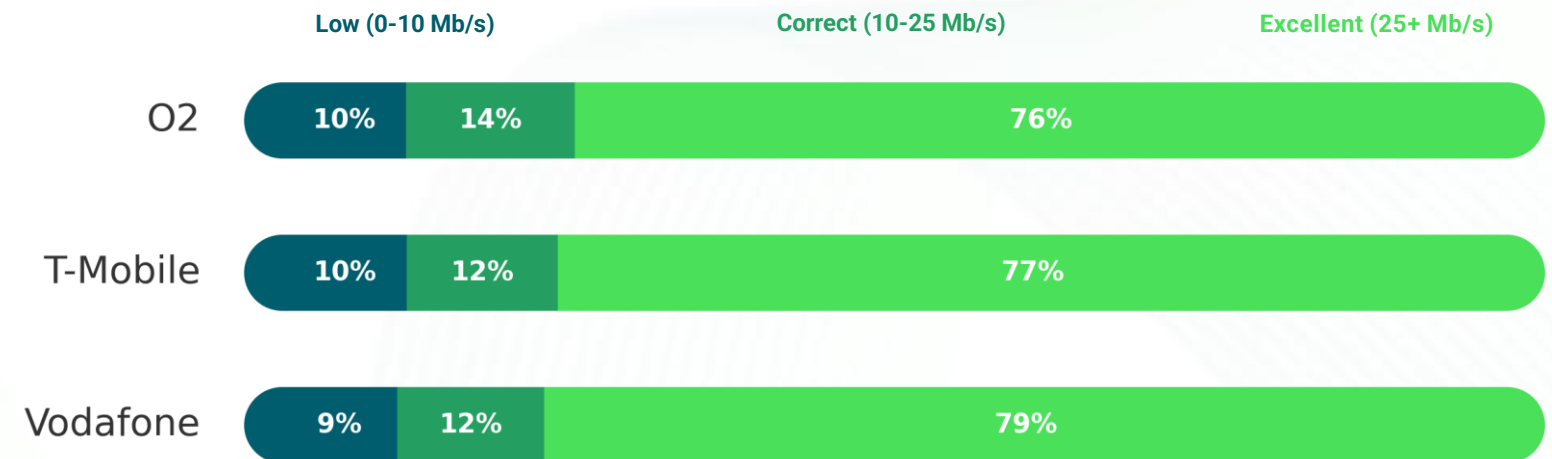
Download Speed (average)



Source : nPerf.com

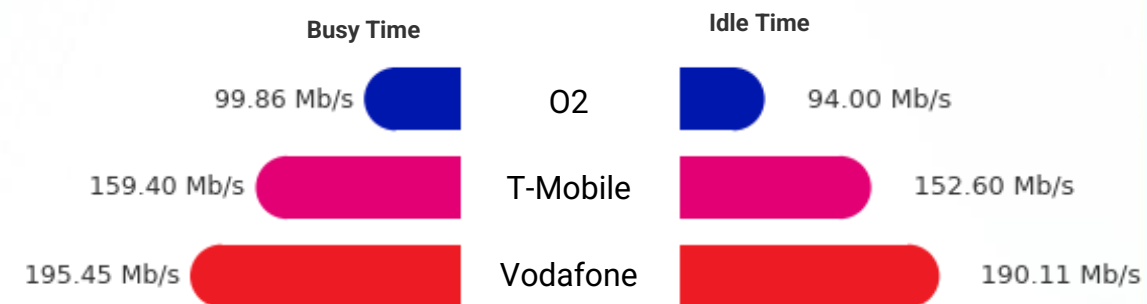
The subscribers of Vodafone enjoyed the best Fixed Internet Download Speed in 2025.

Download Speed results ventilation (average)



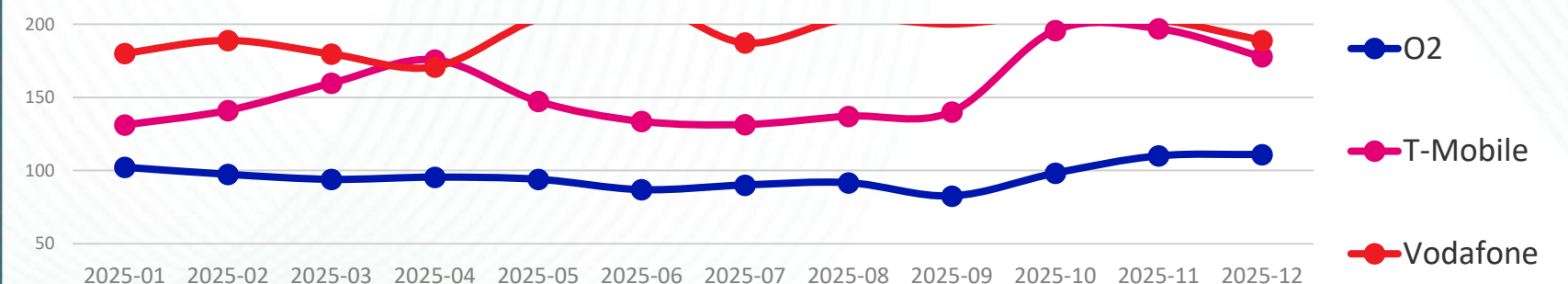
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



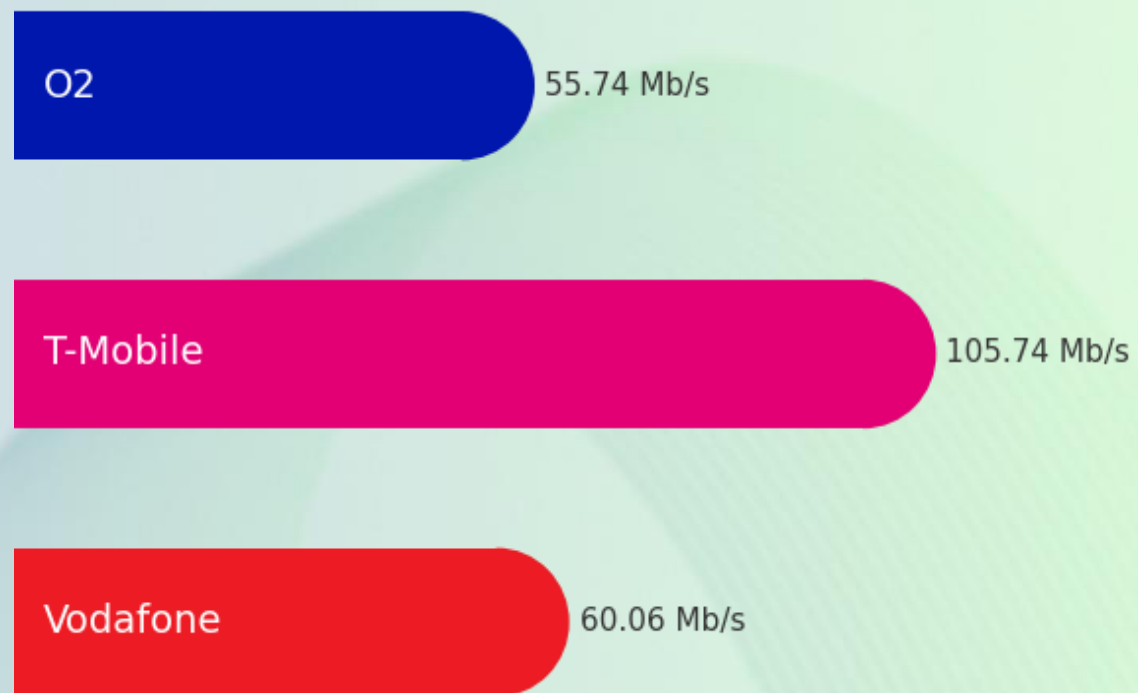
Source : nPerf.com



Upload Speed



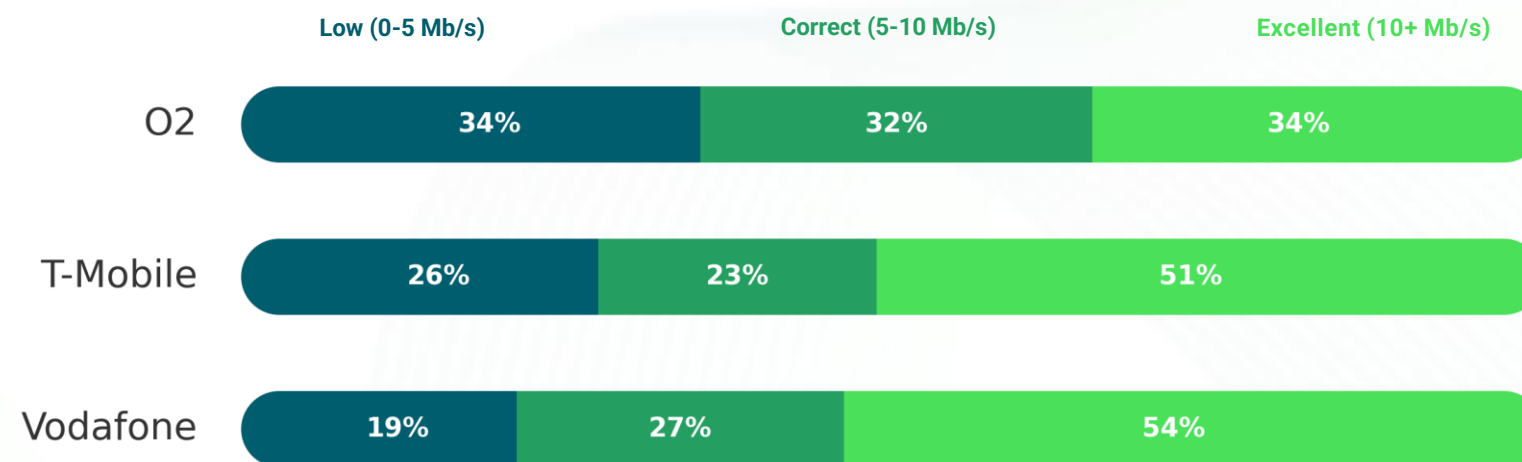
Upload Speed (average)



Source : nPerf.com

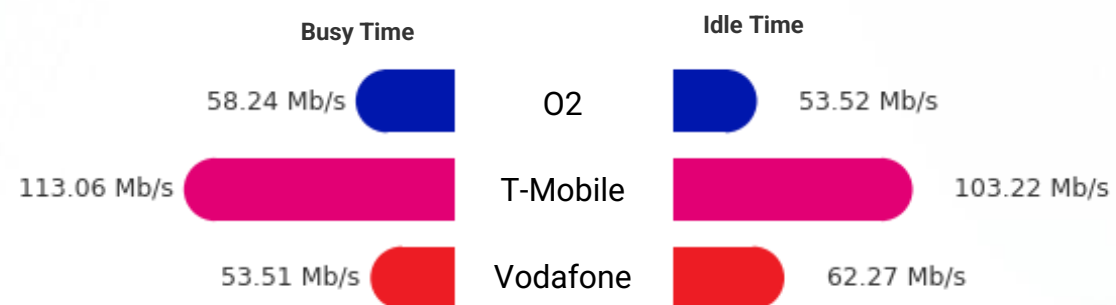
The subscribers of T-Mobile enjoyed the best Fixed Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



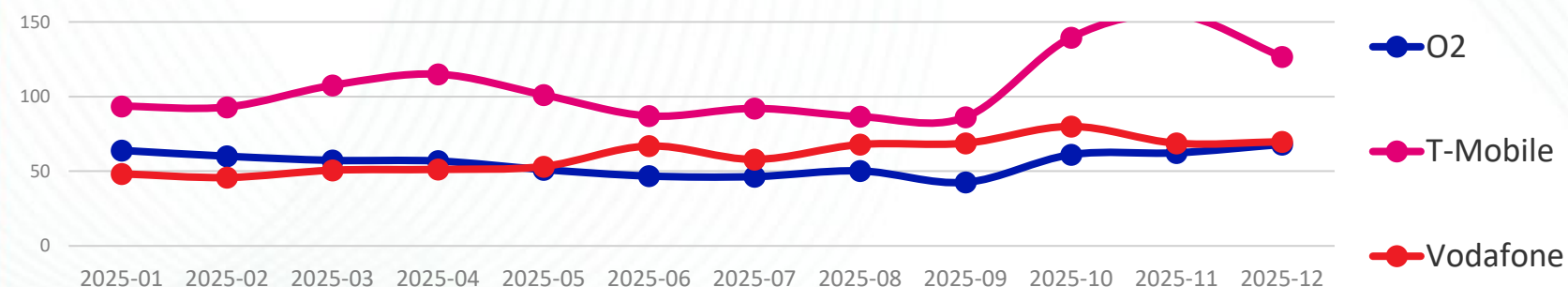
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

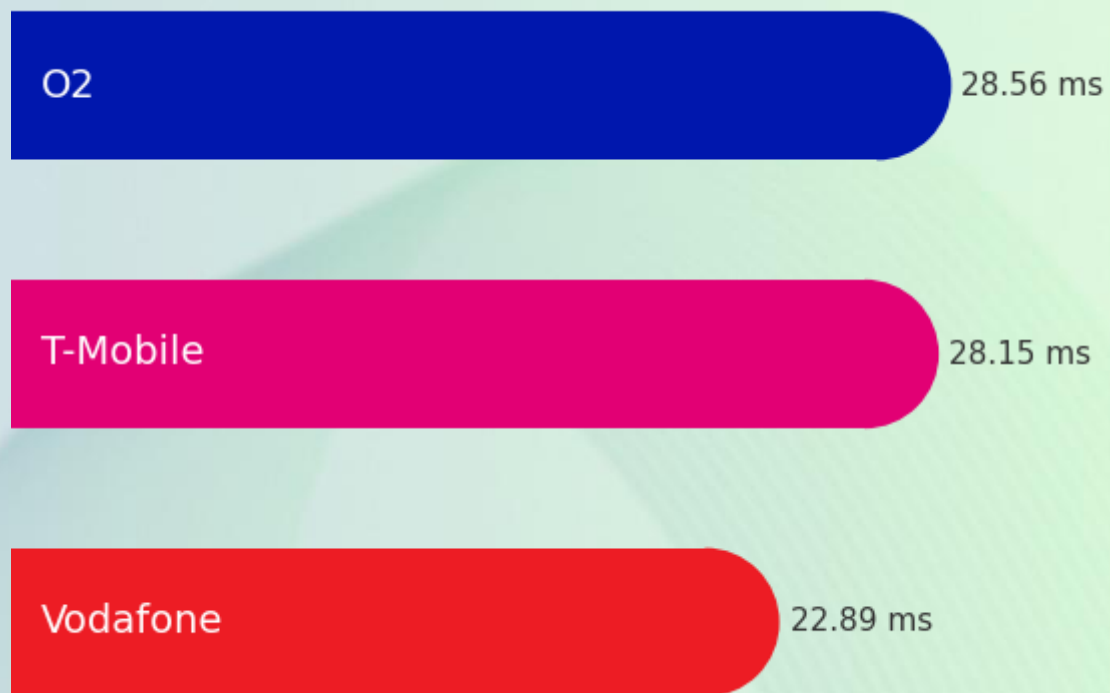
Upload Speed evolution over the year (average)



Source : nPerf.com



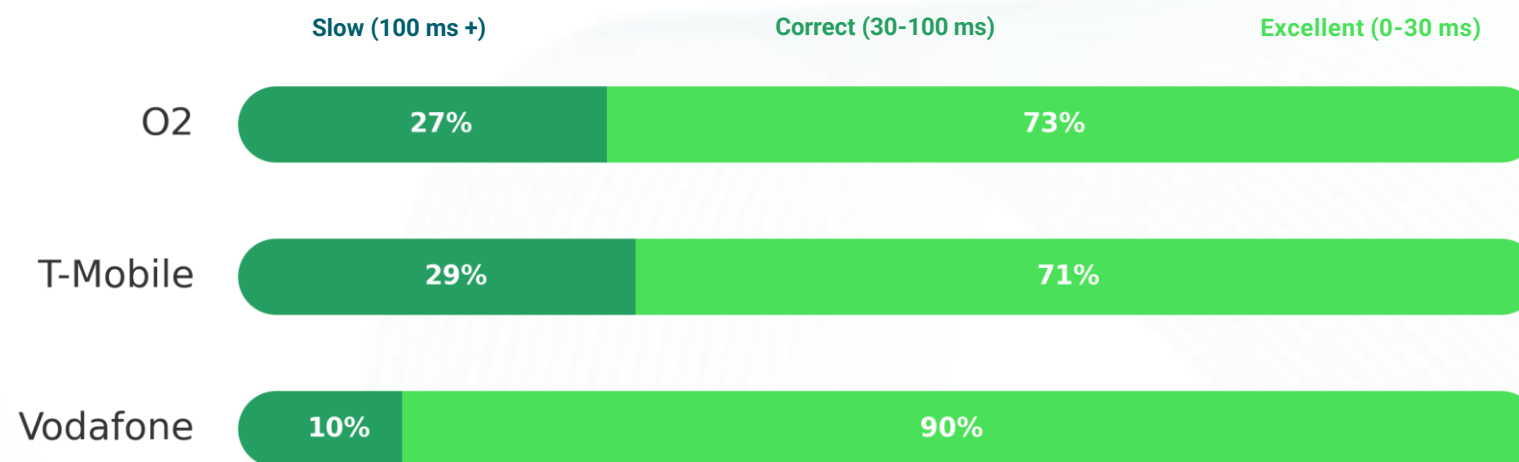
Latency (average)



Source : nPerf.com

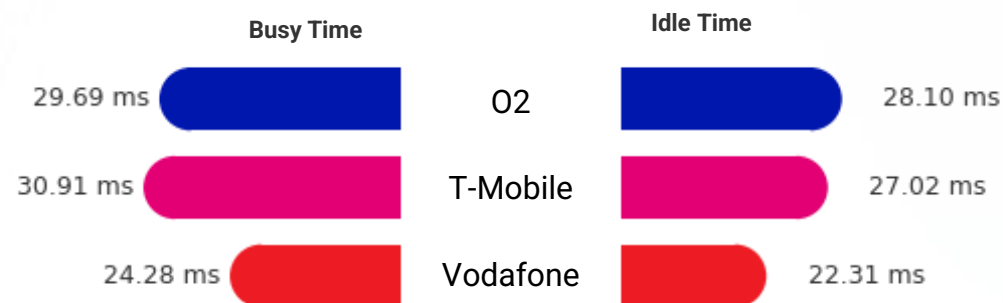
The subscribers of Vodafone enjoyed the best Fixed Internet Latency in 2025.

Latency results ventilation (average)



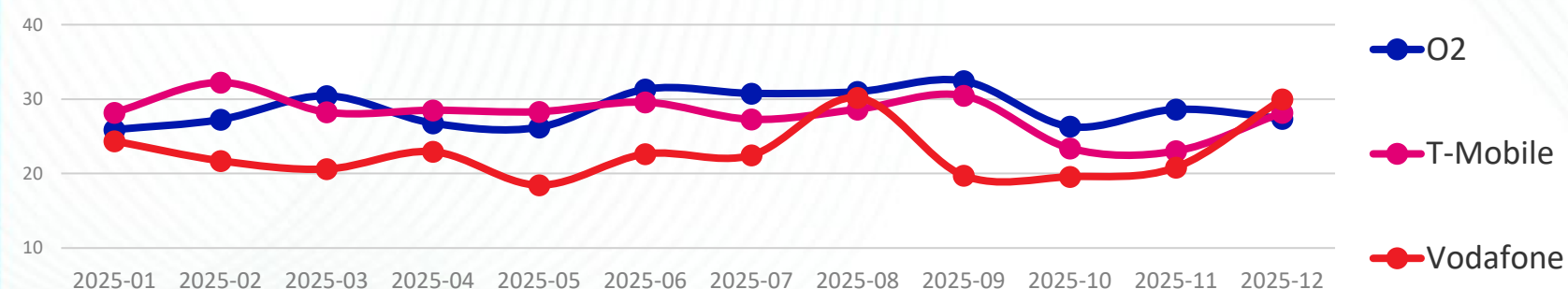
Source : nPerf.com

Latency (average)



Source : nPerf.com

Latency evolution over the year (average)



Source : nPerf.com



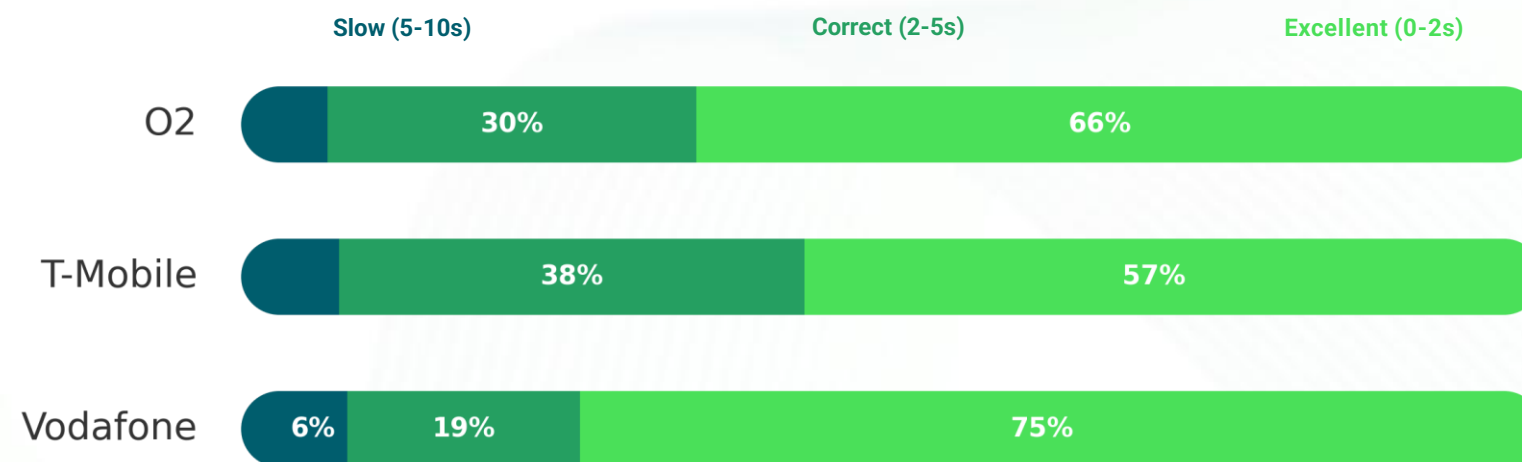
Browsing Performance (average)



Source : nPerf.com

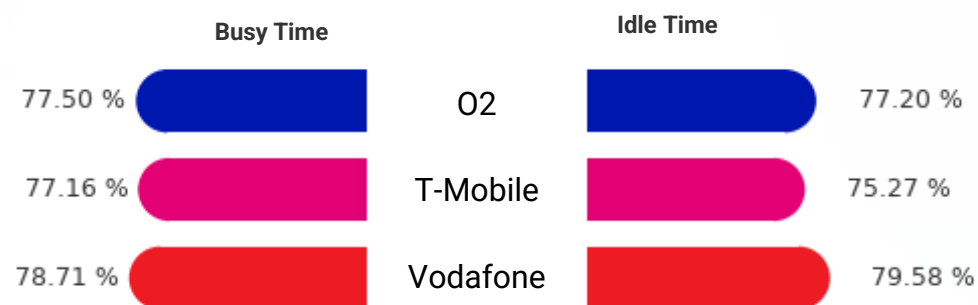
The subscribers of Vodafone enjoyed the best Fixed Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



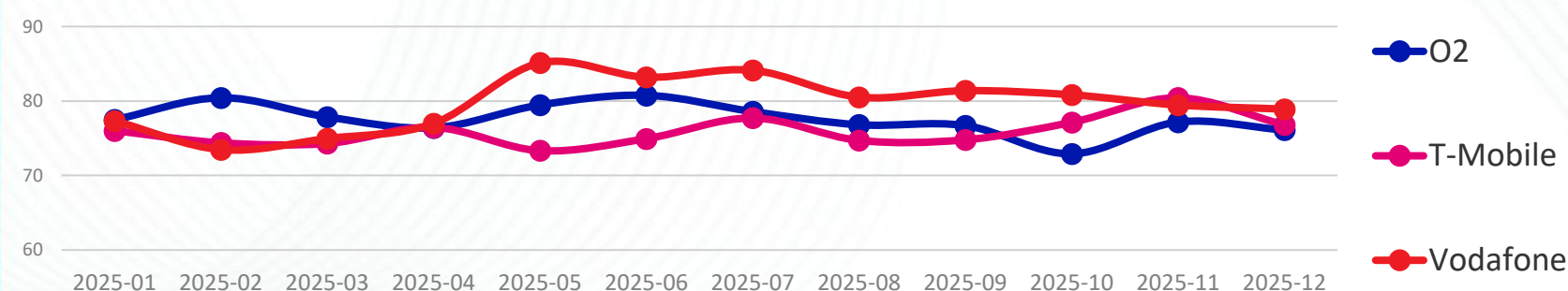
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



Source : nPerf.com



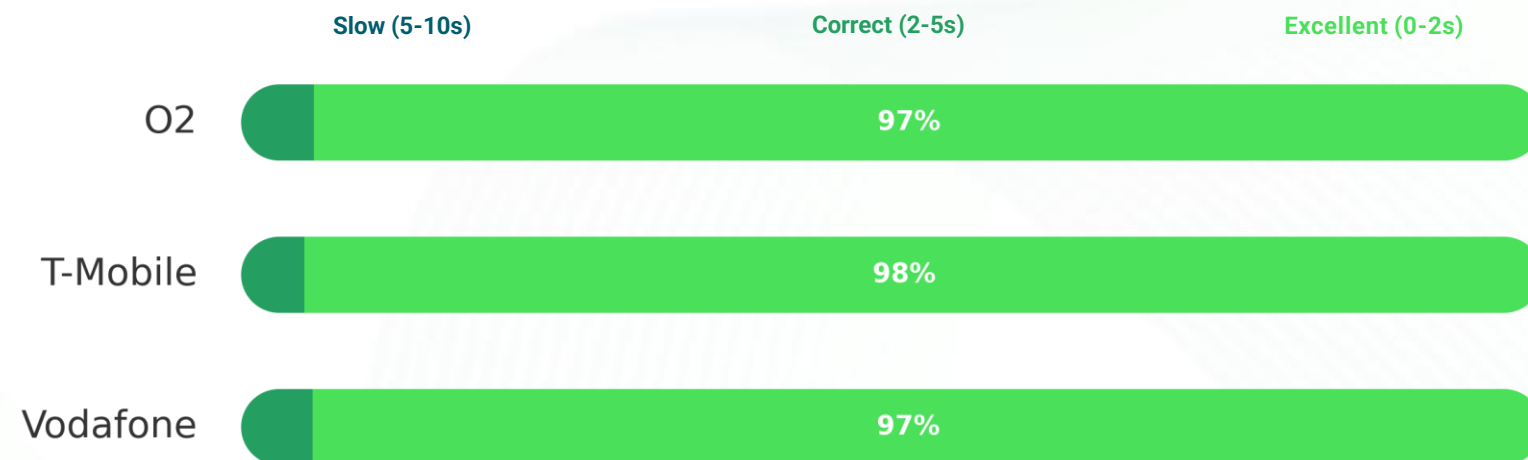
Streaming Performance (average)



Source : nPerf.com

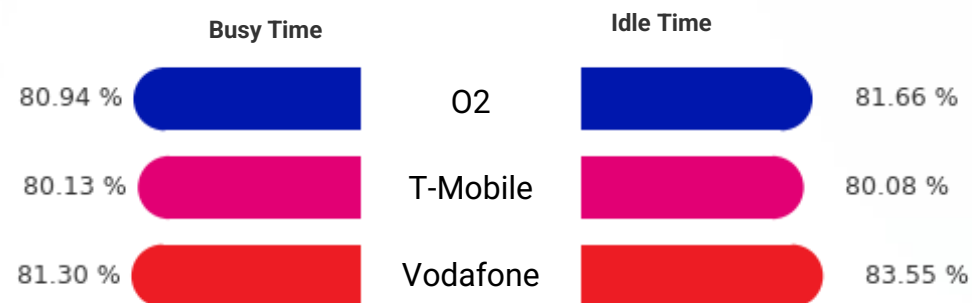
The subscribers of Vodafone enjoyed the best Fixed Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



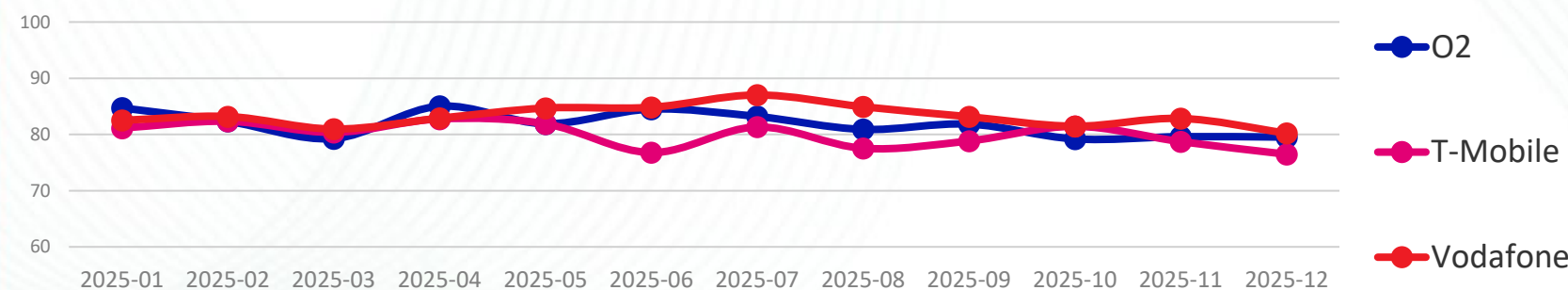
Source : nPerf.com

Streaming Performance (average)



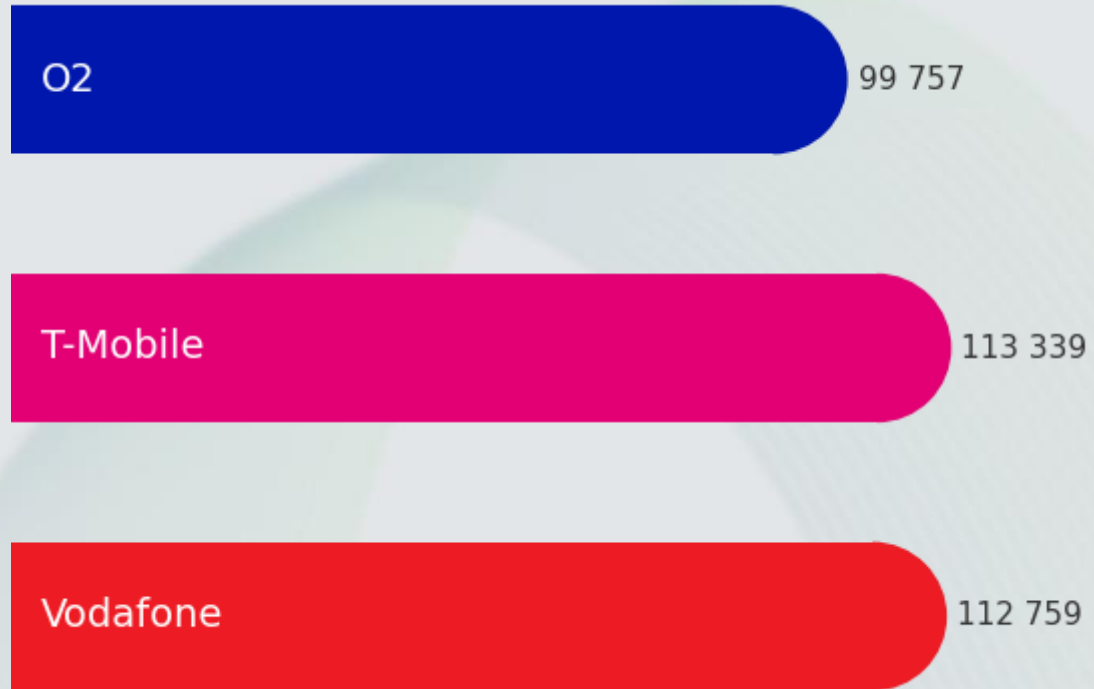
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of T-Mobile and Vodafone enjoyed the best WIFI Internet in 2025.

Best performances WIFI: T-Mobile and Vodafone

Fastest performances (Download Speed) WIFI: Vodafone

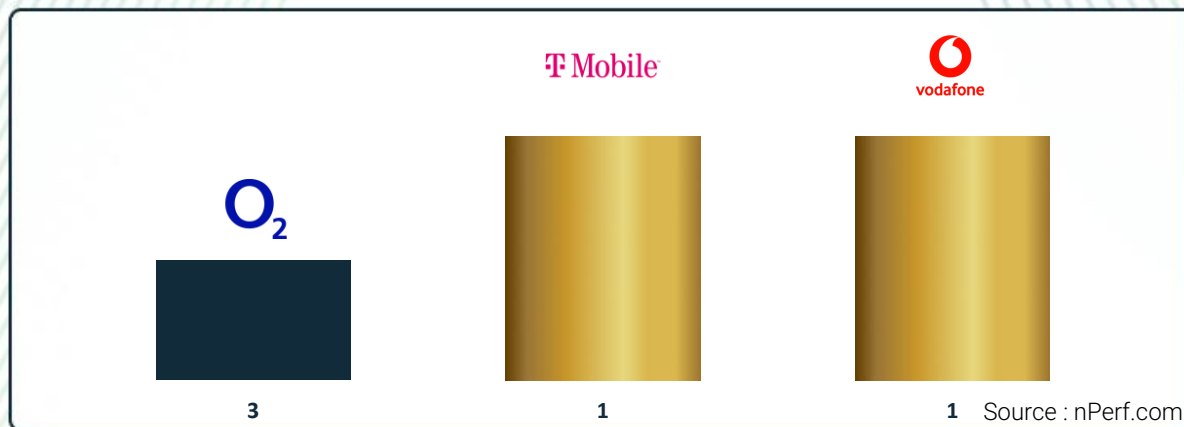
Fastest performances (Upload Speed) WIFI: T-Mobile

WIFI connections with the lowest latency: Vodafone

Best web browsing performances WIFI: T-Mobile and Vodafone

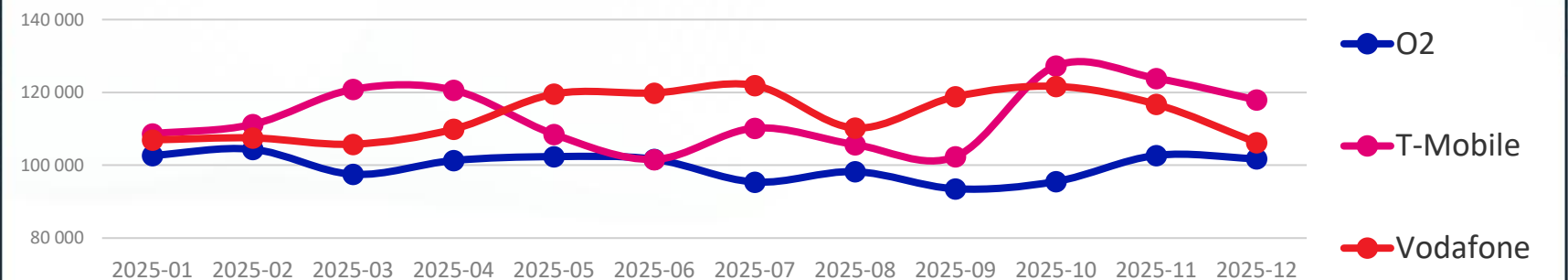
Best streaming performances WIFI: Vodafone

Source : nPerf.com



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 O2, T-Mobile and Vodafone enjoyed the best FTTH Internet in 2025.

Best performances FTTH: O2, T-Mobile and Vodafone

Fastest performances (Download Speed) FTTH: Vodafone

Fastest performances (Upload Speed) FTTH: T-Mobile

FTTH connections with the lowest latency: Vodafone

Best web browsing performances FTTH: Vodafone

Best streaming performances FTTH: O2

Source : nPerf.com

O₂

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T Mobile



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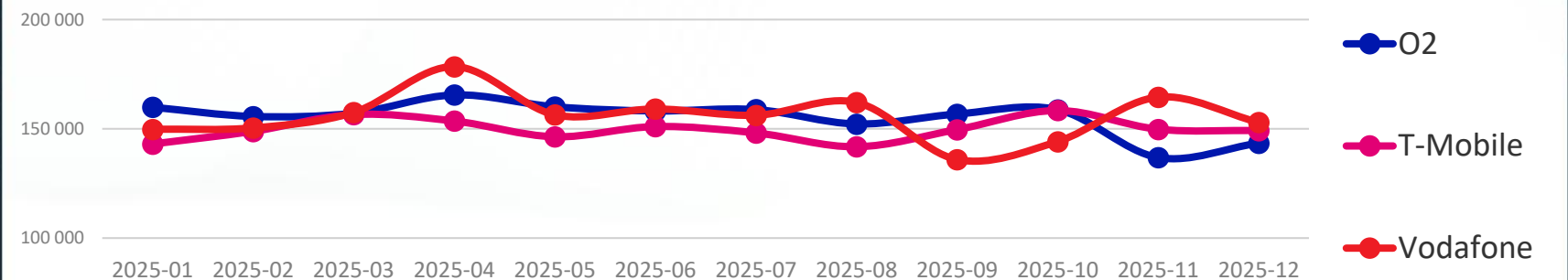
vodafone



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Source : nPerf.com

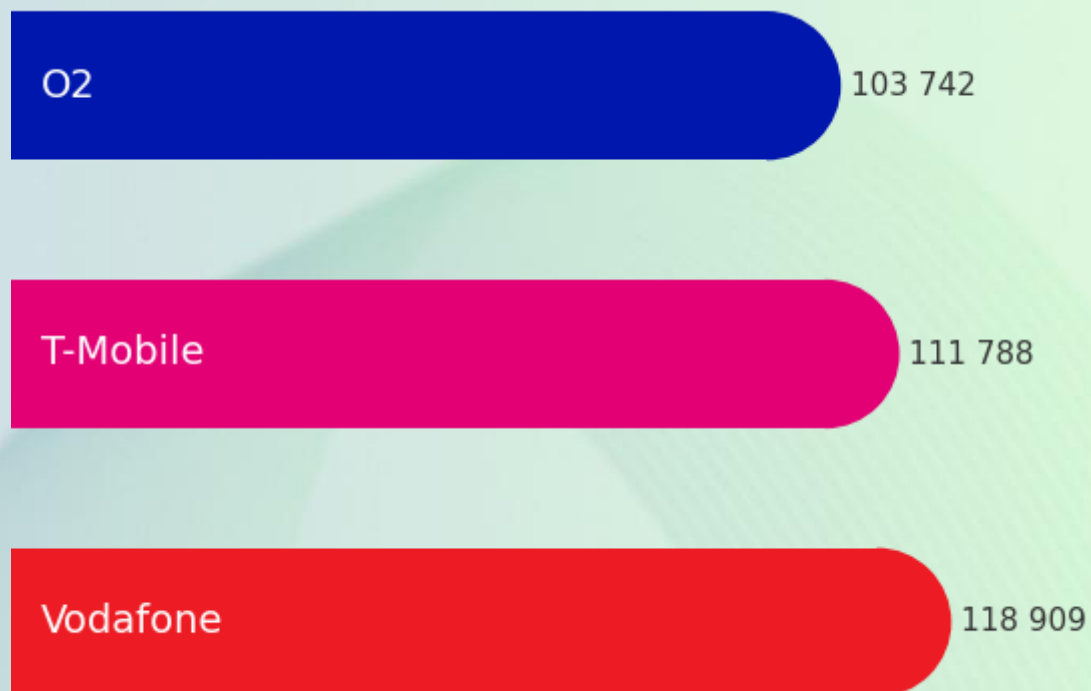
nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



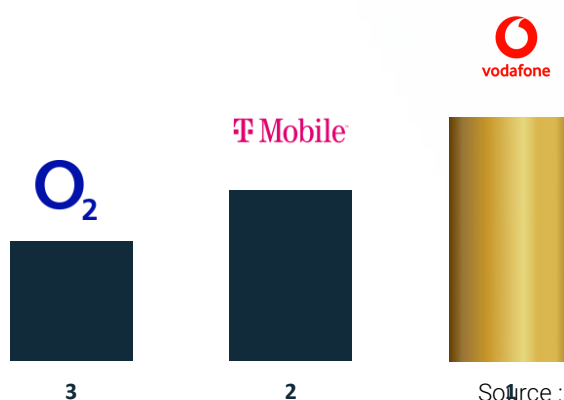
Source : nPerf.com

The subscribers of Vodafone 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.

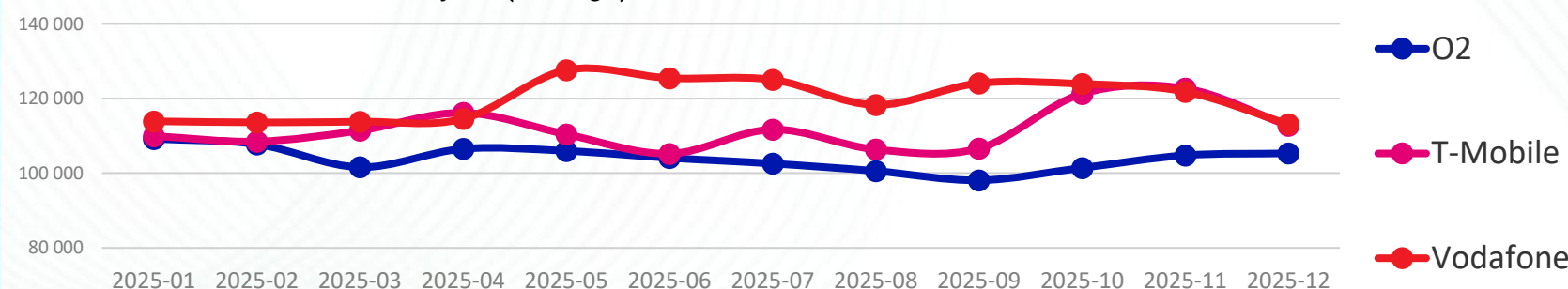
Source : nPerf.com

Best Fixed Internet performance in 2025



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com

