



# Barometer of fixed Internet connections in Romania

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.



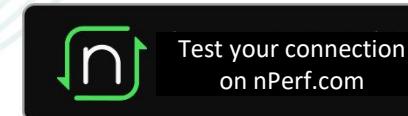
**26Md+** coverage  
scans in total.



**3k+** servers all  
around the world.

### 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 Orange enjoyed the best Fixed Internet performances in 2025 in Romania.

Fixed Internet performance in Romania

	Digi	Orange	Vodafone
▼ Download bitrates (Mb/s)	239.37	371.74	189.12
▲ Upload bitrates (Mb/s)	226.72	282.95	47.61
◀▶ Latency (ms)	19.38	23.33	33.80
🌐 Web browsing (%)	78.46	80.63	76.18
▶Youtube streaming (%)	82.23	82.19	82.63
)n nPerf Score (nPoints)	131 277	137 311	108 686

Source : nPerf.com



Best Fixed Internet performance  
in 2025



Source : nPerf.com

DIGI

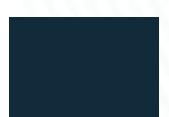


2



1

vodafone



3

Source : nPerf.com

The subscribers of Orange enjoyed the best WIFI Internet in 2025 in Romania.

#### Fixed Internet performance in Romania

	Digi	<u>Orange</u>	Vodafone
⬇️ Download bitrates (Mb/s)	173.95	288.13	153.85
⬆️ Upload bitrates (Mb/s)	172.82	226.02	35.56
◀▶ Latency (ms)	18.38	22.98	36.95
🌐 Web browsing (%)	80.40	81.10	76.52
🎥 Youtube streaming (%)	83.76	83.23	83.16
 nPerf Score (nPoints)	128 986	134 077	103 530

Source : nPerf.com

The subscribers of Digi and Orange enjoyed the best FTTH Internet in 2025 in Romania.

#### Fixed Internet performance in Romania

	<b>Digi</b>	<b>Orange</b>	<b>Vodafone</b>
⬇️ Download bitrates (Mb/s)	<b>425.05</b>	<b>545.06</b>	<b>240.56</b>
⬆️ Upload bitrates (Mb/s)	<b>414.22</b>	<b>422.50</b>	<b>307.47</b>
◀▶ Latency (ms)	<b>15.74</b>	<b>20.99</b>	<b>24.53</b>
🌐 Web browsing (%)	<b>84.23</b>	<b>83.40</b>	<b>79.99</b>
🎥 Youtube streaming (%)	<b>86.20</b>	<b>84.53</b>	<b>90.15</b>



nPerf Score (nPoints)

**153 871**

**150 983**

**137 405**

Source : nPerf.com

The Romanian fixed-line Internet sector displays an average score of 125,758 nPoints. Orange stands as the sector leader with 137,311 nPoints and dominates in WiFi, FTTH, download speed, and upload speed. The sector is characterized by strong competition, with three operators sharing leadership in video streaming and solid overall performance levels.

#### Orange: a consolidated leadership position

Orange stands at the top with 137,311 nPoints and records a positive progression of 2.0%. The operator leads in download speed with 371.7 Mbps, ideal for HD streaming and fast downloads. It dominates upload speed with 282.9 Mbps, ensuring high-quality video conferencing and content sharing. Orange achieves first place in browsing (80.6%) and shares the top position in video streaming, delivering a balanced user experience across all usage scenarios.

#### Digi Romania: competitive speed

Digi Romania ranks second with 131,277 nPoints and shares first place ex-aequo with Orange on FTTH. The operator delivers the best latency on the sector (19.4 ms), ideal for online gaming and real-time communications. Digi Romania achieves strong performance in

download speed (239.4 Mbps, 2nd place) and upload speed (226.7 Mbps, 2nd place).

#### Vodafone: optimal video streaming

Vodafone ranks third with 108,686 nPoints and shares first place ex-aequo in video streaming (82.6%), ensuring smooth viewing. The operator displays solid performance in download speed (189.1 Mbps) and maintains competitive browsing capabilities (76.2%).

Orange consolidates its leadership with balanced performances across all indicators. The sector shows positive dynamics with strong competition on both infrastructure technologies and service quality. Users benefit from increasingly high-performance offerings, particularly for streaming, video conferencing, and real-time applications.

## 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

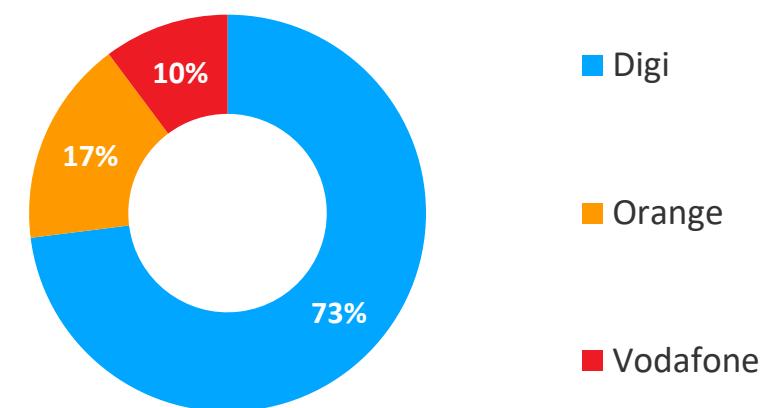
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



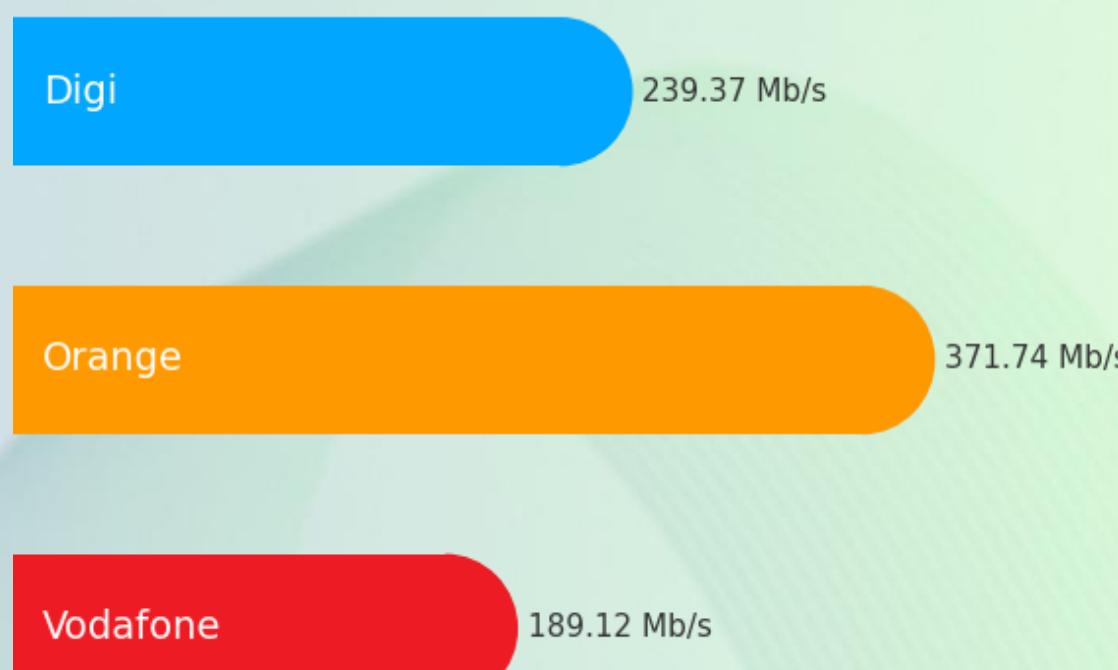
Source : nPerf.com



## Download Speed



### Download Speed (average)



Source : nPerf.com

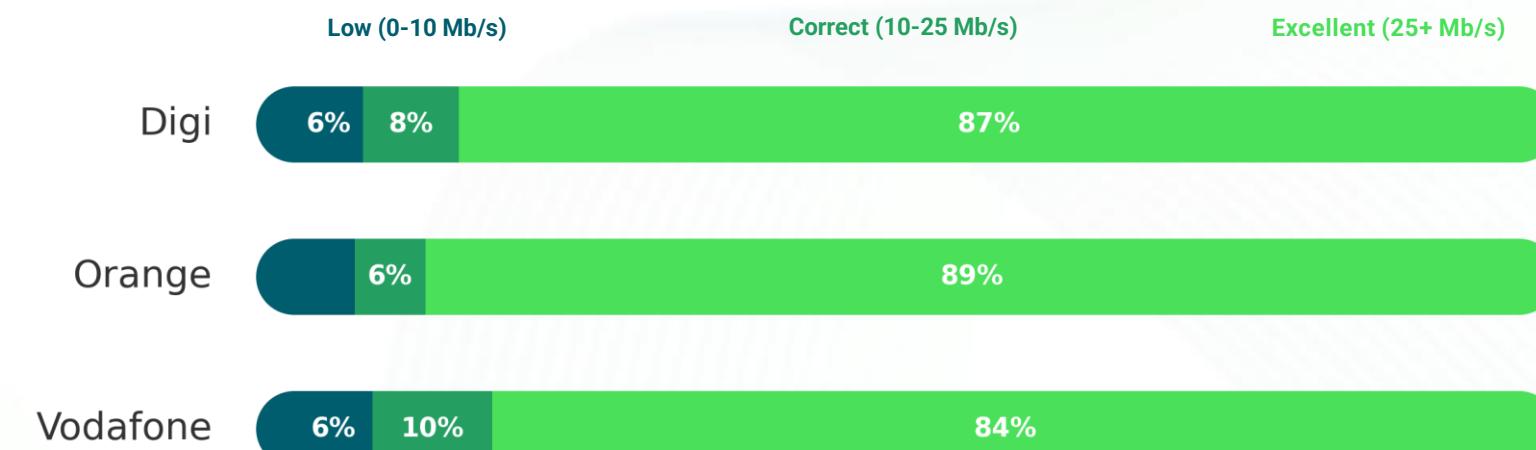
### Download Speed (average)



Source : nPerf.com

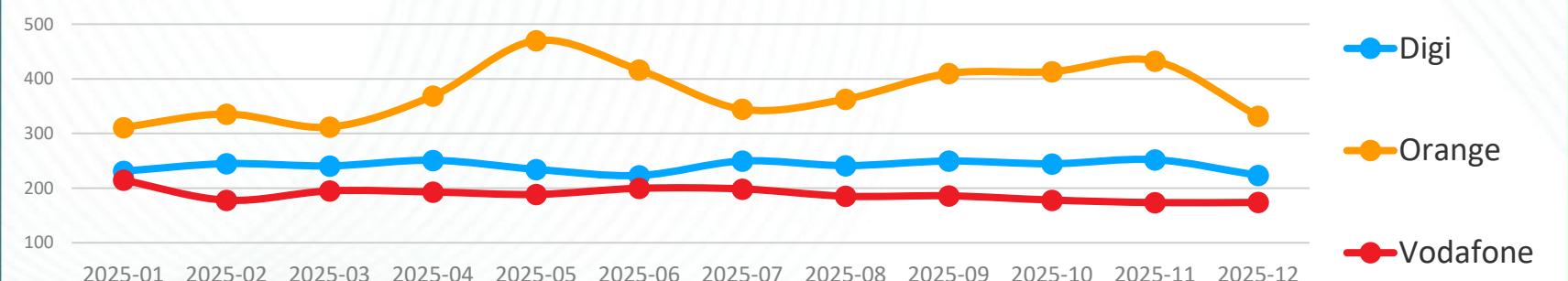
The subscribers of Orange enjoyed the best Fixed Internet Download Speed in 2025.

### Download Speed results ventilation (average)



Source : nPerf.com

### Download Speed evolution over the year (average)



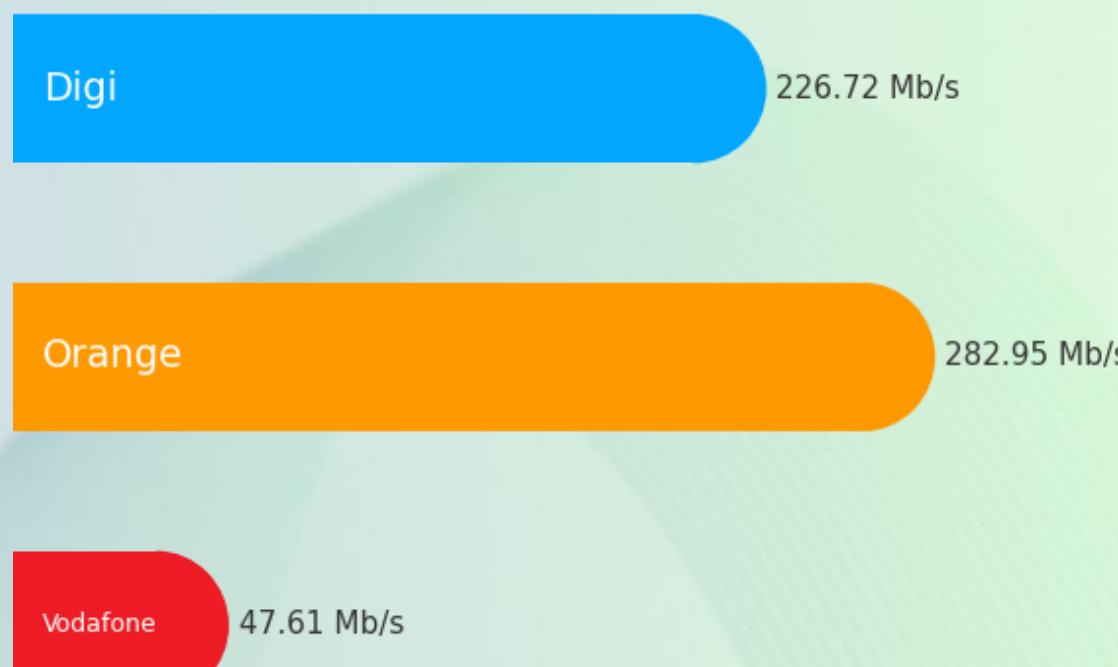
Source : nPerf.com



## Upload Speed

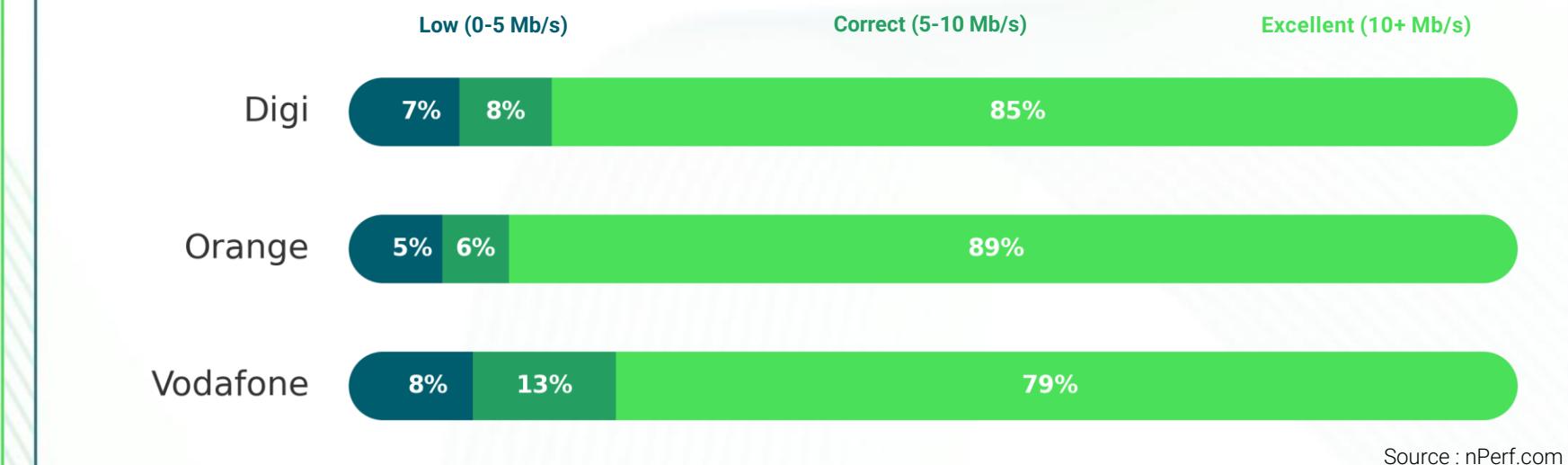


### Upload Speed (average)

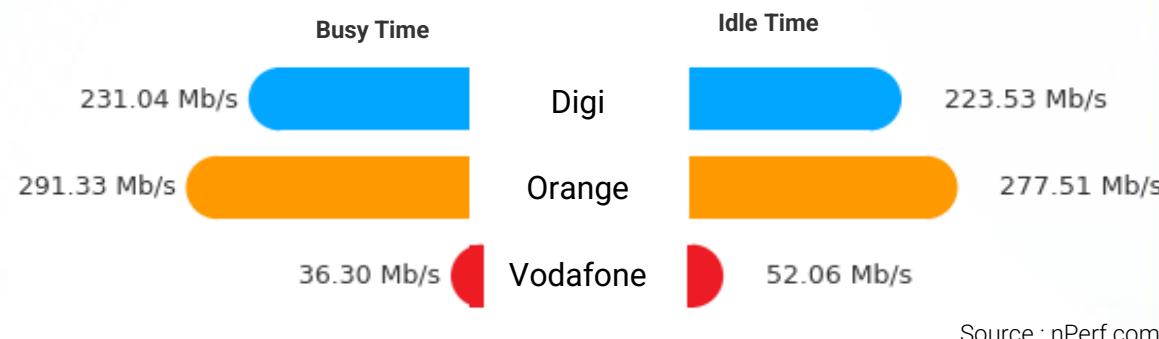


The subscribers of Orange enjoyed the best Fixed Internet Upload Speed in 2025.

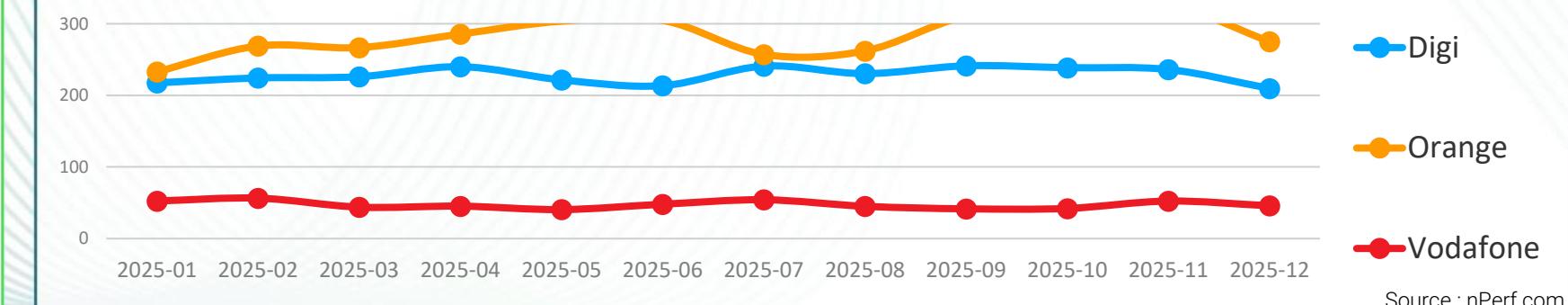
### Upload Speed results ventilation (average)



### Upload Speed (average)

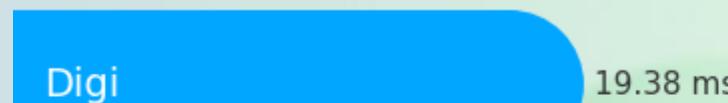


### Upload Speed evolution over the year (average)



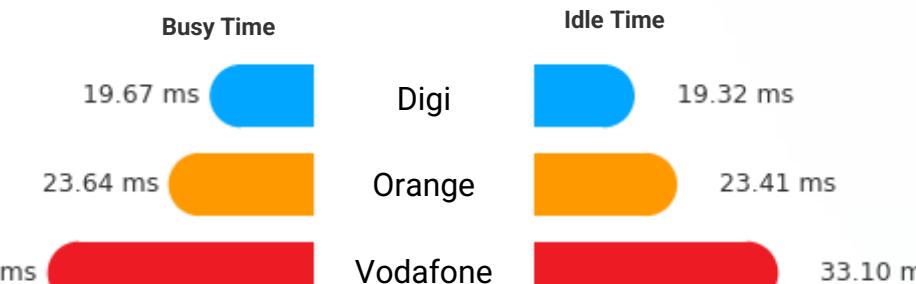


## Latency (average)



Source : nPerf.com

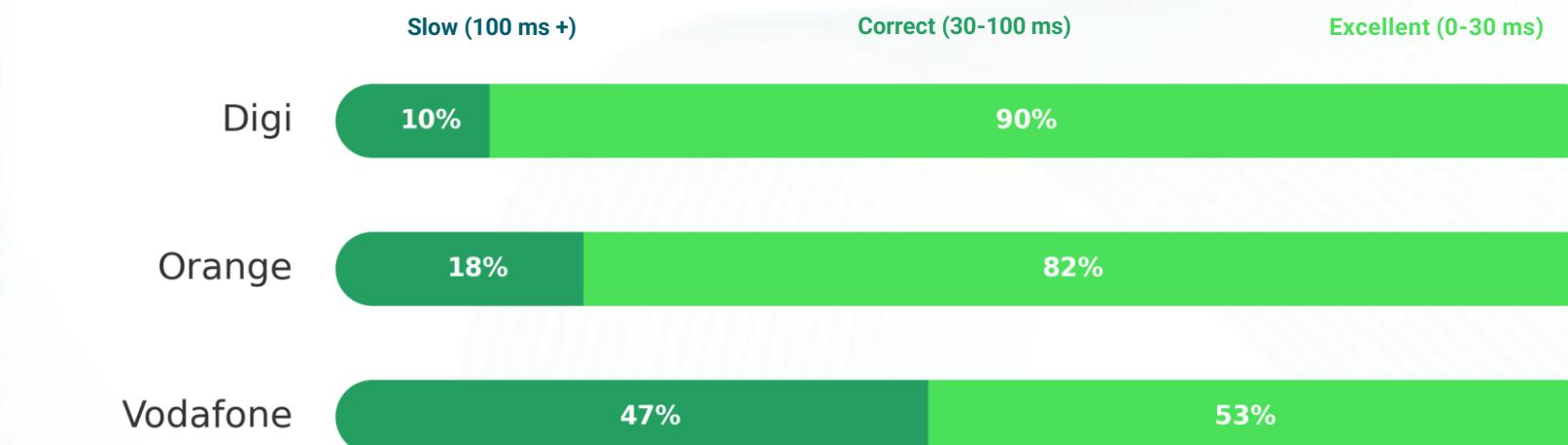
## Latency (average)



Source : nPerf.com

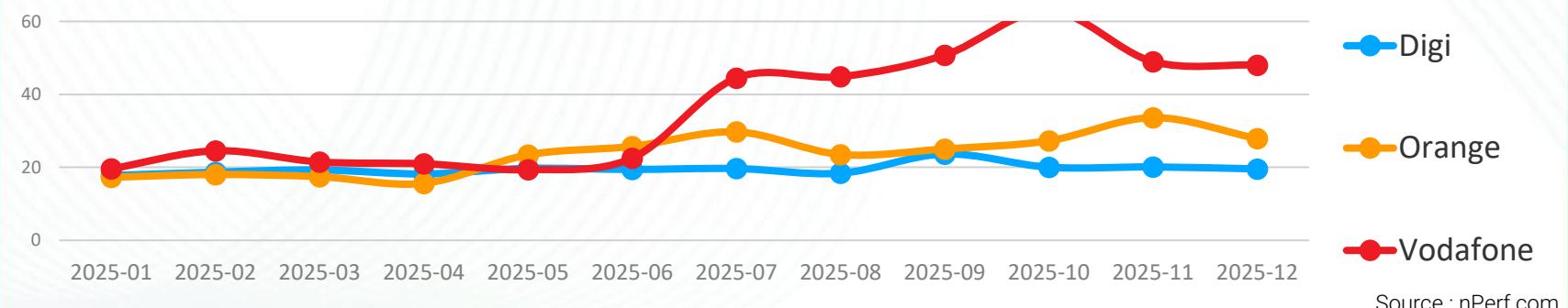
The subscribers of Digi enjoyed the best Fixed Internet Latency in 2025.

## Latency results ventilation (average)



Source : nPerf.com

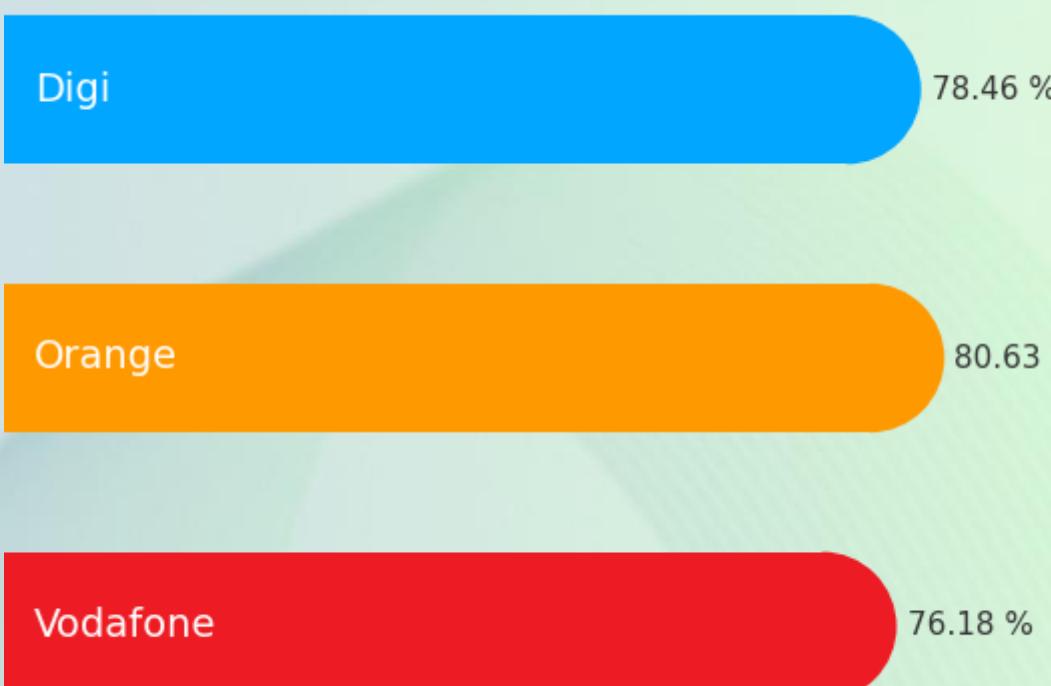
## Latency evolution over the year (average)



Source : nPerf.com



## Browsing Performance (average)

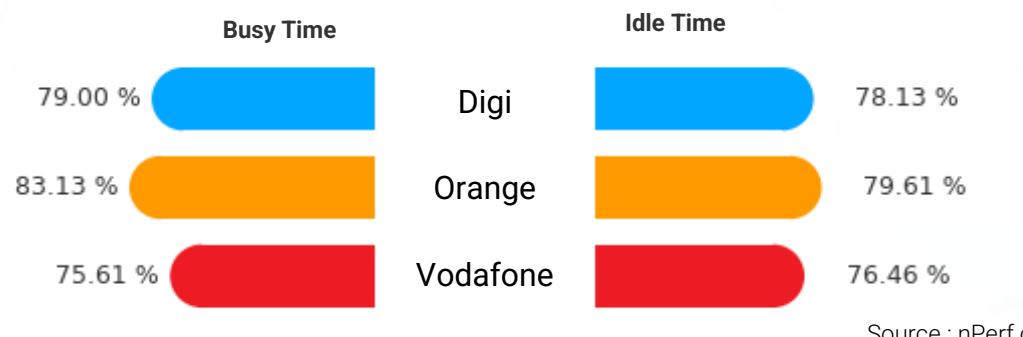


The subscribers of Orange enjoyed the best Fixed Internet Browsing Performance in 2025.

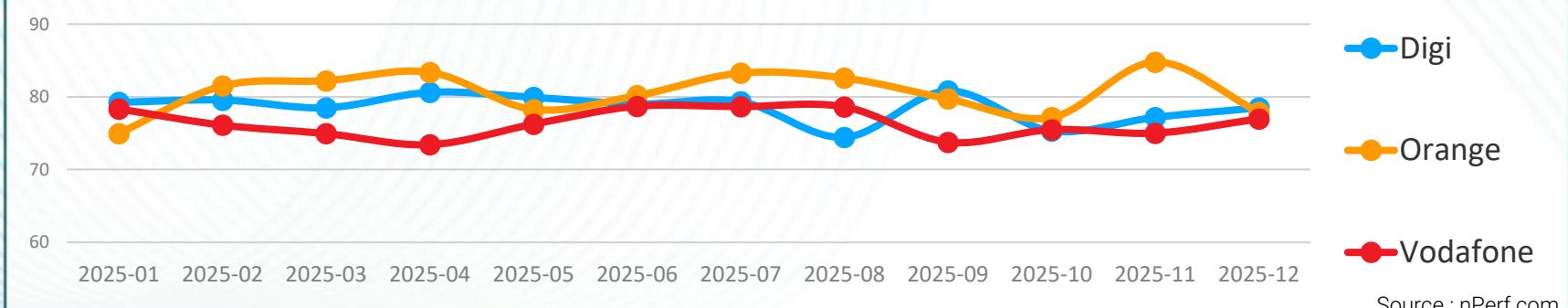
## Browsing Performance results ventilation (average)



## Browsing Performance (average)



## Browsing Performance evolution over the year (average)





## Streaming Performance



### Streaming Performance (average)



Source : nPerf.com

### Streaming Performance (average)



Source : nPerf.com

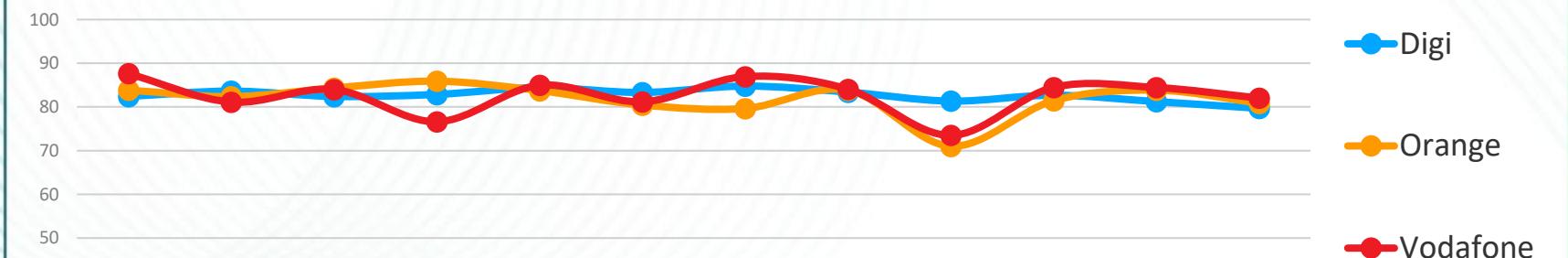
The subscribers of Digi, Orange and Vodafone enjoyed the best Fixed Internet Streaming Performance in 2025.

### Streaming Performance results ventilation (average)



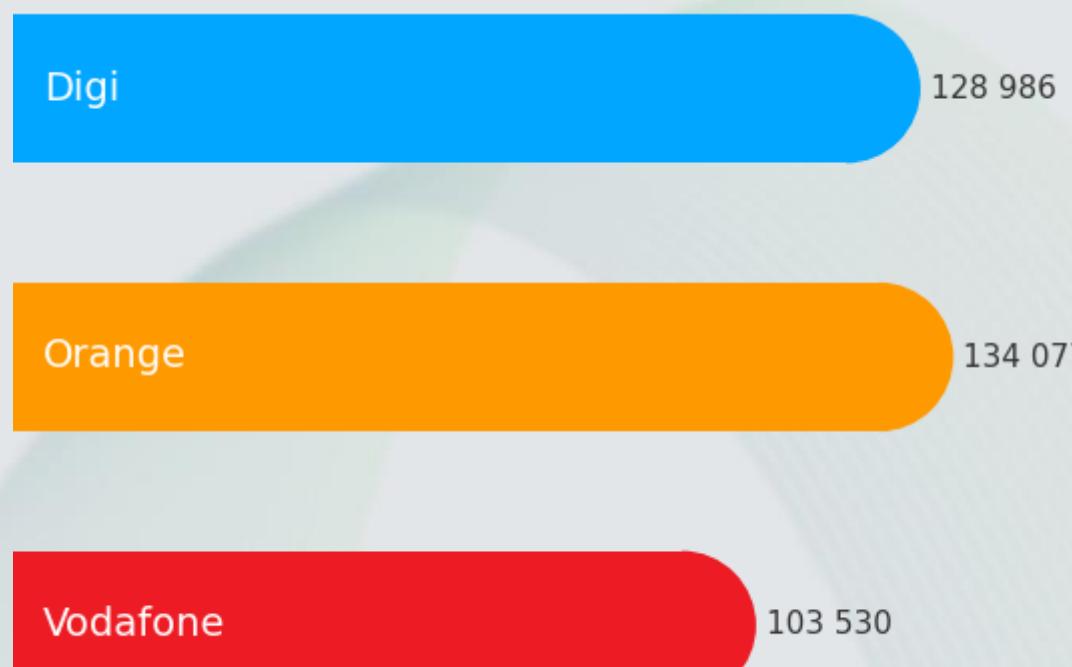
Source : nPerf.com

### Streaming Performance evolution over the year (average)



Source : nPerf.com

### nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Orange enjoyed the best WIFI Internet in 2025.

Best performances WIFI: Orange

Fastest performances (Download Speed) WIFI: Orange

Fastest performances (Upload Speed) WIFI: Orange

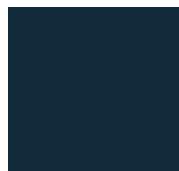
WIFI connections with the lowest latency: Digi

Best web browsing performances WIFI: Orange

Best streaming performances WIFI: Digi, Orange and Vodafone

Source : nPerf.com

DIGI



2



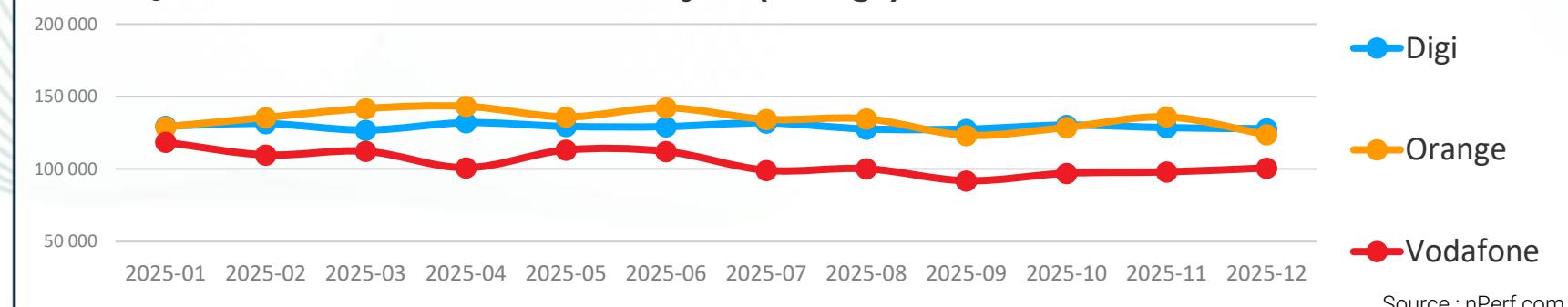
1



3

Source : nPerf.com

### nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

### nPerf QoE nPerf Score (nPoints)

Digi

153 871

Orange

150 983

Vodafone

137 405

Source : nPerf.com

The subscribers of Digi and Orange enjoyed the best FTTH Internet in 2025.

Best performances FTTH: Digi and Orange

Fastest performances (Download Speed) FTTH: Orange

Fastest performances (Upload Speed) FTTH: Digi and Orange

FTTH connections with the lowest latency: Digi

Best web browsing performances FTTH: Digi

Best streaming performances FTTH: Vodafone

Source : nPerf.com

DIGI



orange



vodafone



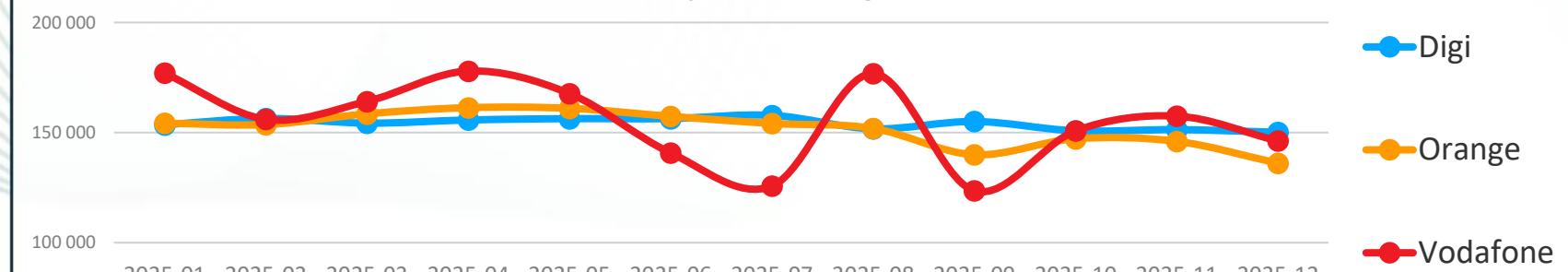
1

1

3

Source : nPerf.com

### nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)

Digi

131 277

Orange

137 311

Vodafone

108 686

Source : nPerf.com

Best Fixed Internet performance in 2025



DIGI



2

orange



1

vodafone



3

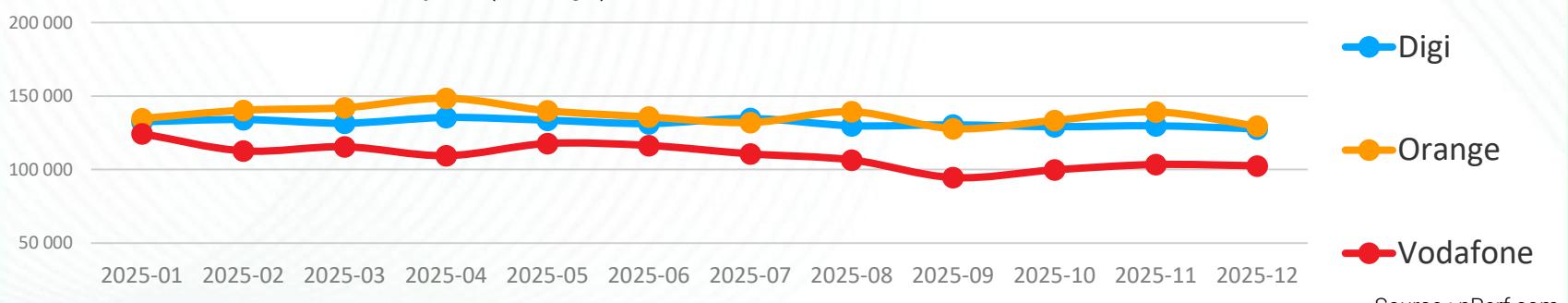
Source : nPerf.com

The subscribers of Orange 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

nPerf Score evolution over the year (average)



Source : nPerf.com

