



# Barometer of fixed Internet connections in Portugal

01/01/2025 - 12/31/2025



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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.



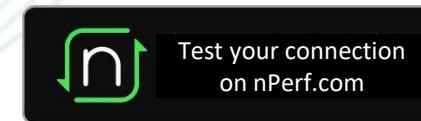
**26Md+** coverage  
scans in total.



**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 Gbps! Download our app or visit our website!



## 2. Executive Summary



The subscribers of DIGI enjoyed the best Fixed Internet performances in 2025 in Portugal.

Fixed Internet performance in Portugal

### DIGI MEO NOS Vodafone

▼ Download bitrates (Mb/s)	<b>642.64</b>	<b>263.46</b>	<b>270.52</b>	<b>278.29</b>
▲ Upload bitrates (Mb/s)	<b>521.86</b>	<b>155.66</b>	<b>112.19</b>	<b>165.96</b>
◀▶ Latency (ms)	<b>14.27</b>	<b>19.63</b>	<b>16.38</b>	<b>18.79</b>
🌐 Web browsing (%)	<b>78.37</b>	<b>74.77</b>	<b>75.19</b>	<b>76.73</b>
▢Youtube streaming (%)	<b>86.33</b>	<b>84.75</b>	<b>83.55</b>	<b>83.72</b>
▫ nPerf Score (nPoints)	<b>156 710</b>	<b>128 976</b>	<b>129 036</b>	<b>131 440</b>

Source : nPerf.com

**DIGI**

Best Fixed Internet performance  
in 2025



Source : nPerf.com

nPerf Podium

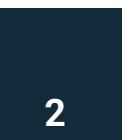
**DIGI**



**MEO**



**NOS**



Source : nPerf.com

The subscribers of DIGI enjoyed the best WIFI Internet in 2025 in Portugal.

#### Fixed Internet performance in Portugal

	<b>DIGI</b>	<b>MEO</b>	<b>NOS</b>	<b>Vodafone</b>
⬇️ Download bitrates (Mb/s)	<b>358.84</b>	198.70	212.97	216.63
⬆️ Upload bitrates (Mb/s)	<b>334.14</b>	125.96	91.49	137.34
◀▶ Latency (ms)	<b>13.92</b>	21.12	18.91	20.90
🌐 Web browsing (%)	<b>80.13</b>	75.28	75.56	77.69
🎥 Youtube streaming (%)	<b>86.77</b>	85.15	83.87	84.35



nPerf Score (nPoints)

**148 496**

**123 767**

**123 427**

**126 815**

Source : nPerf.com

The subscribers of DIGI enjoyed the best FTTH Internet in 2025 in Portugal.

#### Fixed Internet performance in Portugal

	<b>DIGI</b>	<b>MEO</b>	<b>NOS</b>	<b>Vodafone</b>
⬇️ Download bitrates (Mb/s)	<b>797.04</b>	440.25	495.79	466.36
⬆️ Upload bitrates (Mb/s)	<b>653.64</b>	261.96	226.73	282.97
◀▶ Latency (ms)	<b>13.22</b>	15.32	<b>11.19</b>	13.00
🌐 Web browsing (%)	<b>81.22</b>	79.87	81.41	<b>83.19</b>
🎥 Youtube streaming (%)	<b>87.28</b>	<b>88.96</b>	87.14	<b>88.19</b>



nPerf Score (nPoints)

**165 503**

**150 177**

**153 822**

**155 636**

Source : nPerf.com

The Portuguese fixed-line Internet sector displays an average score of 136,541 nPoints. DIGI establishes itself as leader with 156,710 nPoints and dominates across download speed, upload speed, and all user experience metrics. The sector is characterized by strong competition among the top three operators and significant performance gaps, with DIGI surging ahead by 18.3%.

#### **DIGI : a consolidated leadership position**

DIGI leads the sector with 156,710 nPoints and records a strong progression of 18.3%. The operator dominates download speed with 642.64 Mbps, ideal for HD streaming and large file downloads. It also leads upload speed with 521.86 Mbps, ensuring high-quality video conferencing and seamless content sharing. Leader in browsing (78.37%) and video streaming (86.33%), DIGI delivers a well-balanced user experience. The operator also achieves the best latency performance at 14.27 ms, perfect for online gaming and real-time communications.

#### **Vodafone: competitive performances**

Vodafone ranks second with 131,440 nPoints and delivers solid download speed at 278.29 Mbps, suitable for streaming and

downloads. The operator secures second place in upload speed with 165.96 Mbps and browsing performance (76.73%).

#### **NOS: optimal latency**

NOS ranks third with 129,036 nPoints and achieves the second-best latency in the sector at 16.38 ms, ideal for online gaming and real-time applications. The operator progresses by 2.8%.

#### **MEO: strong streaming performance**

MEO ranks fourth with 128,976 nPoints and distinguishes itself in video streaming (84.75%, 2nd place). The operator secures third place in upload speed with 155.66 Mbps, ensuring quality video calls.

DIGI consolidates its leadership with dominant performances across all metrics. The sector shows positive dynamics with three operators progressing year-over-year. Users benefit from increasingly competitive offers, particularly for streaming, gaming, and professional applications requiring high upload speeds.

## 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

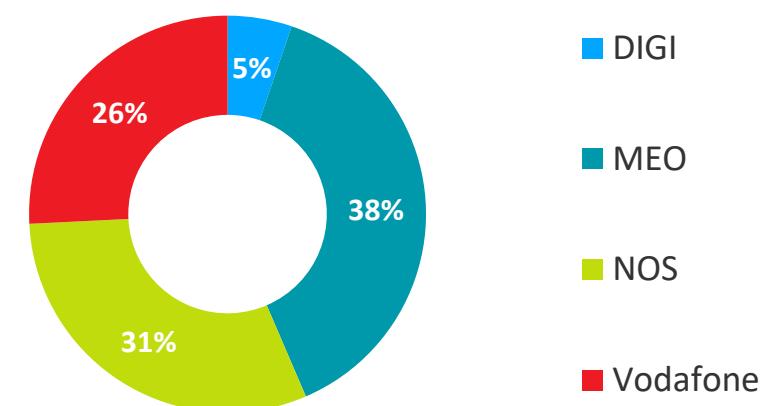
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.1% 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 takes into account 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)**



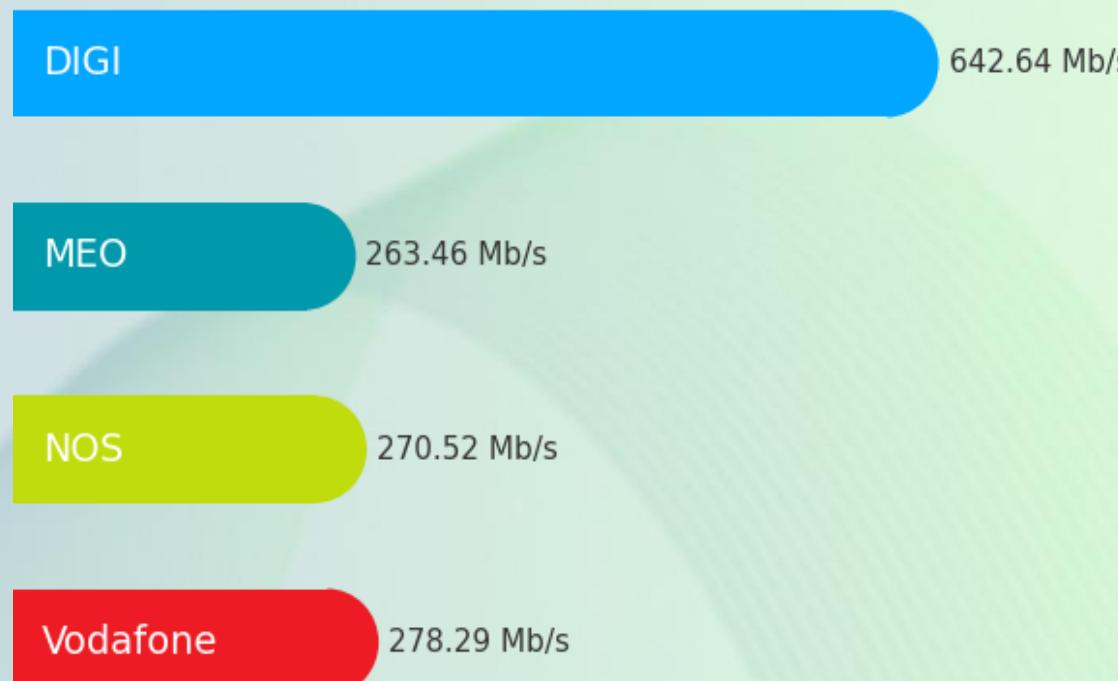
Source : nPerf.com



## Download Speed

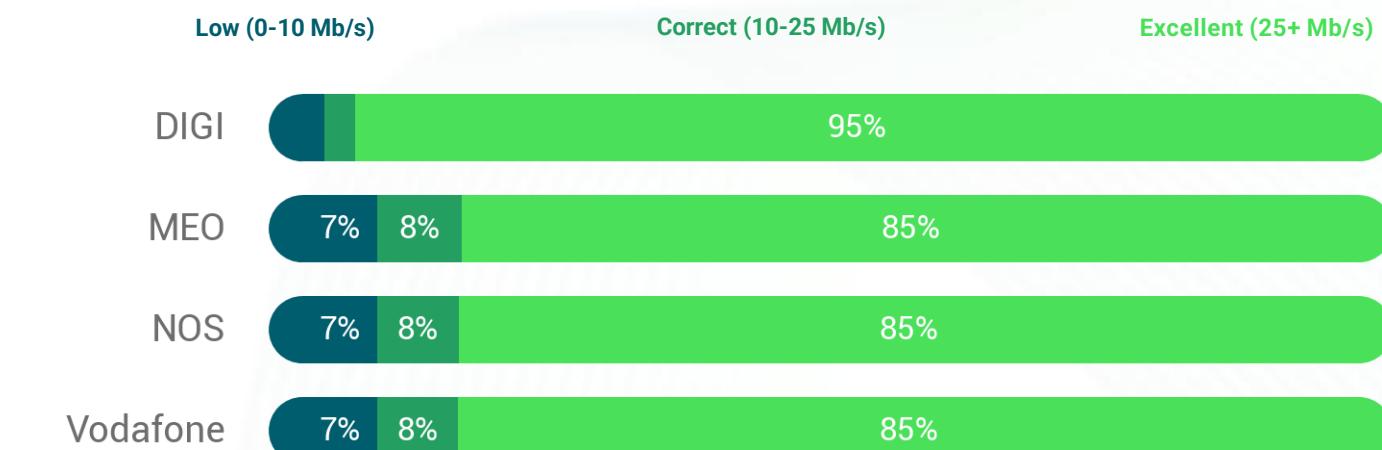


### Download Speed (average)

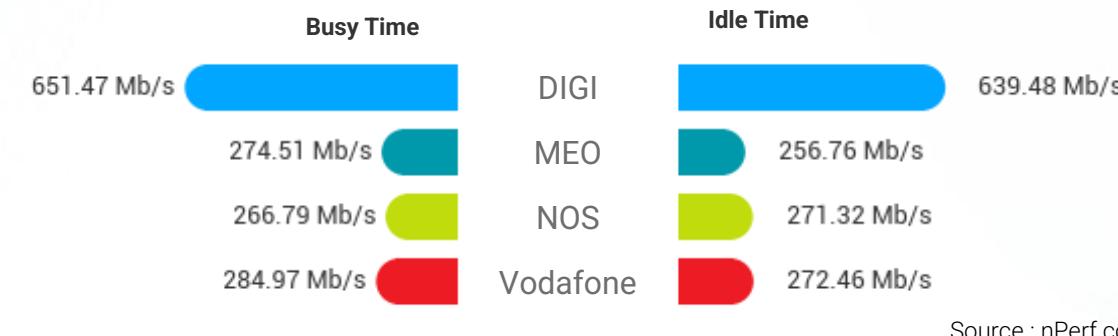


The subscribers of DIGI enjoyed the best Fixed Internet Download Speed in 2025.

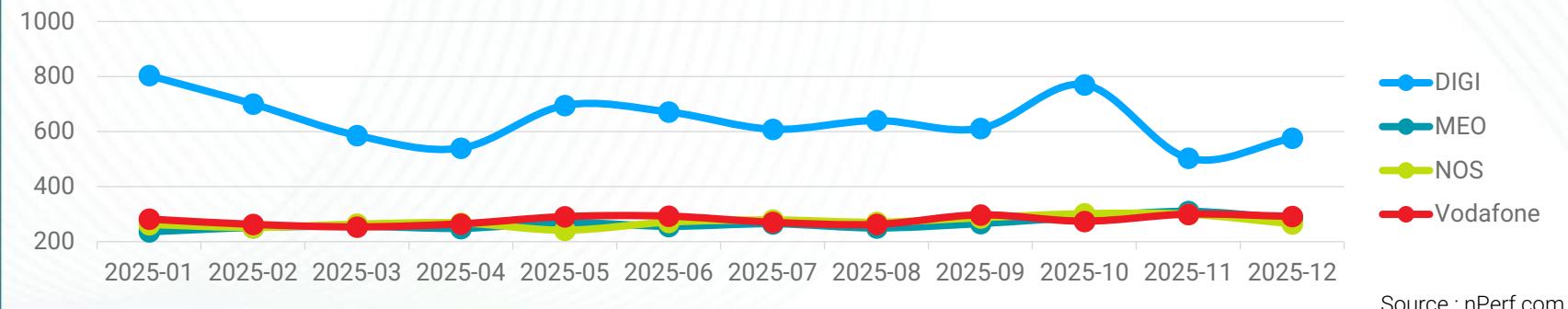
### Download Speed results ventilation (average)



### Download Speed (average)



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

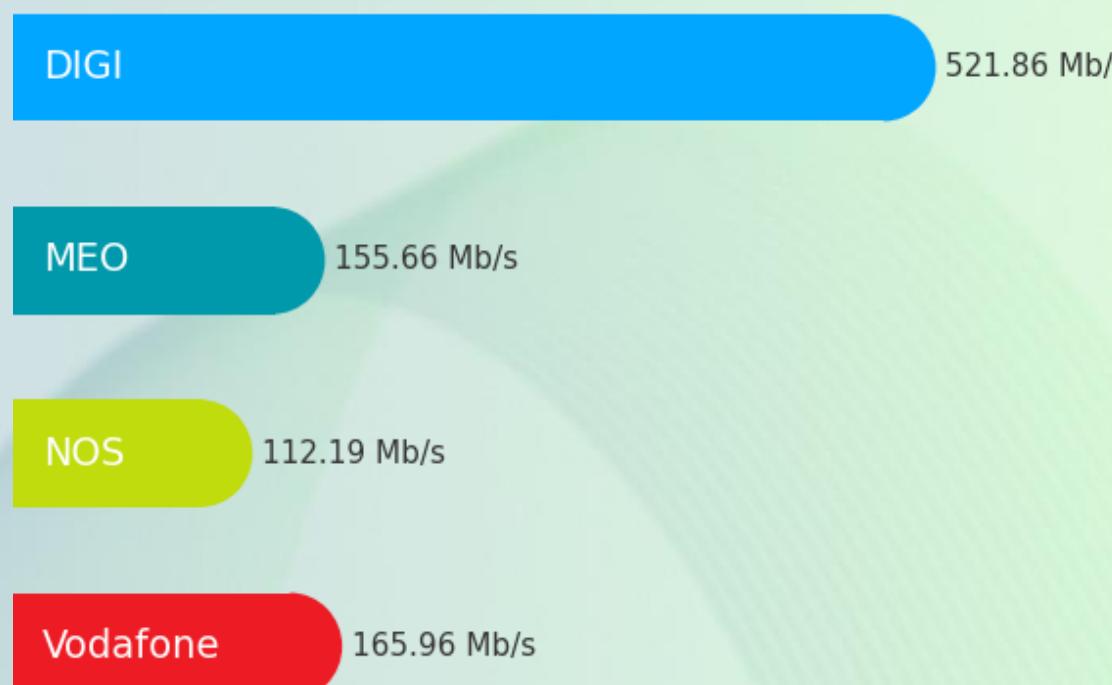




## Upload Speed

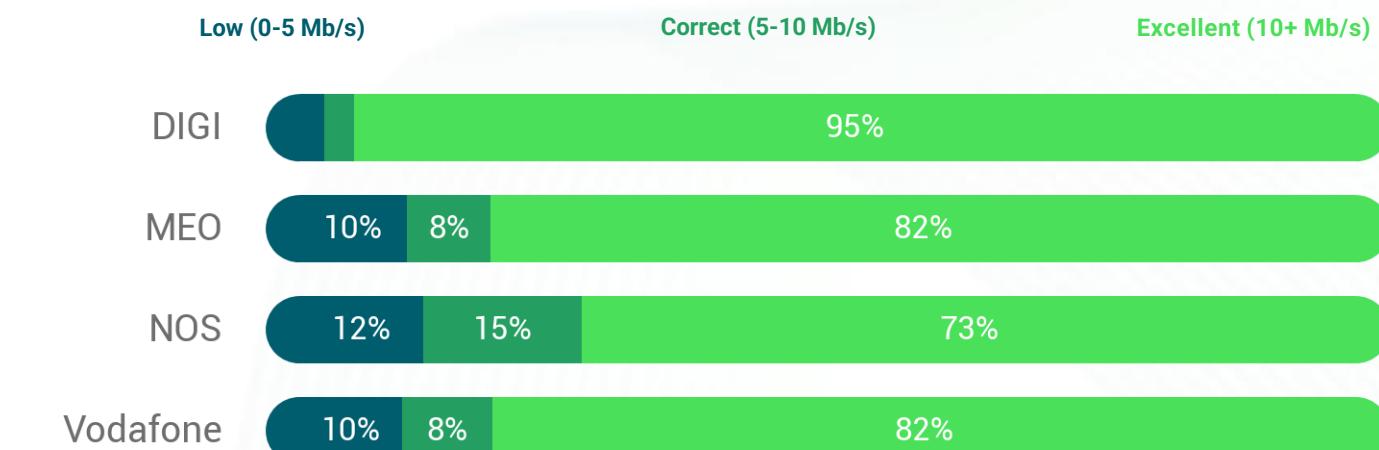


### Upload Speed (average)

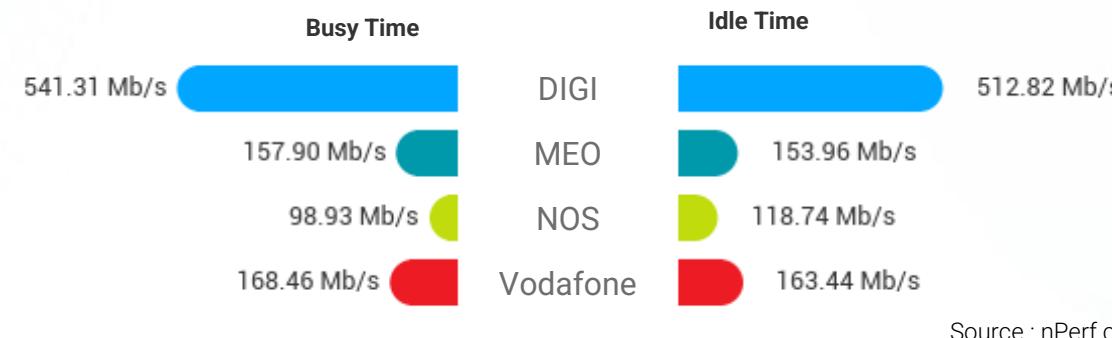


The subscribers of DIGI enjoyed the best Fixed Internet Upload Speed in 2025.

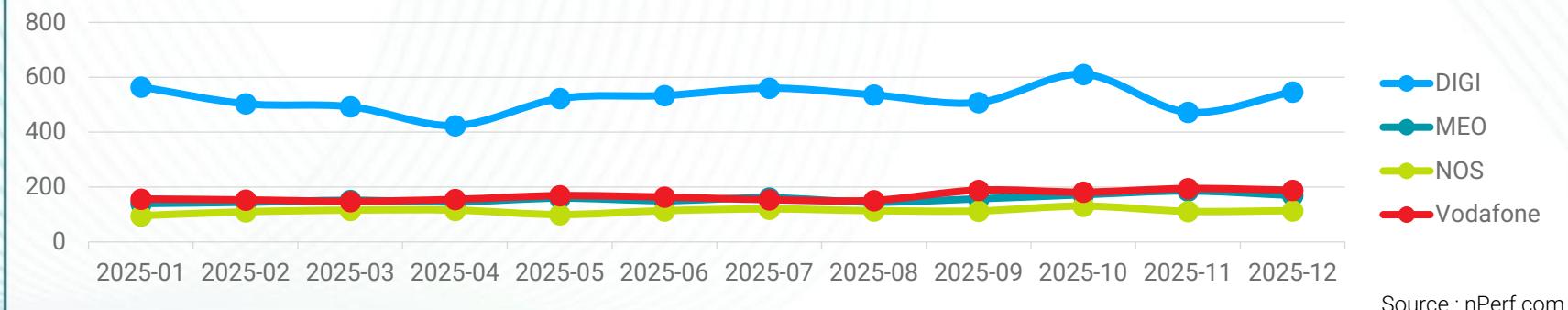
### Upload Speed results ventilation (average)



### Upload Speed (average)



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



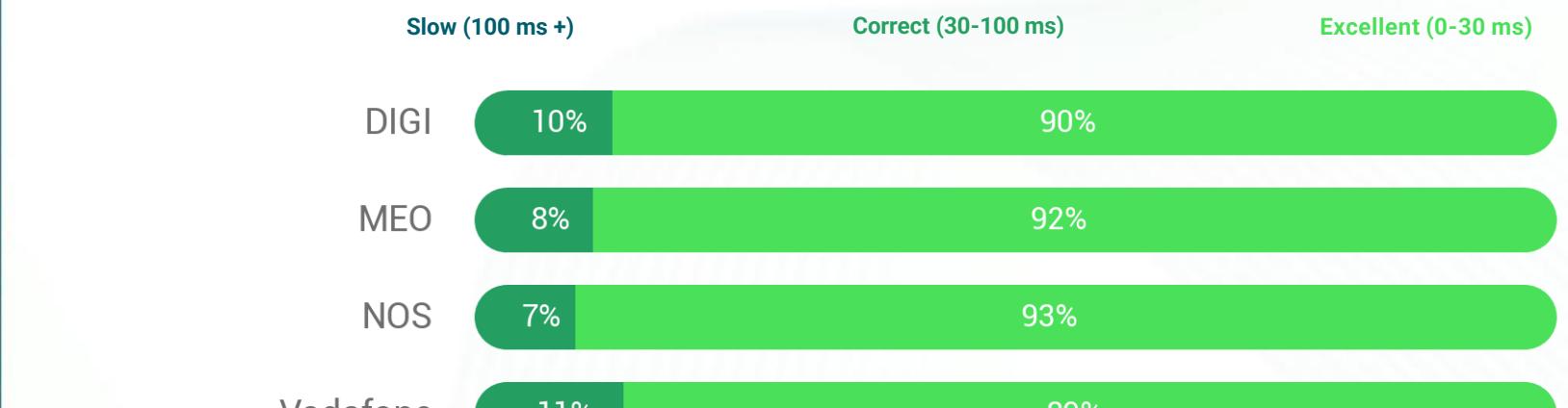


## Latency (average)

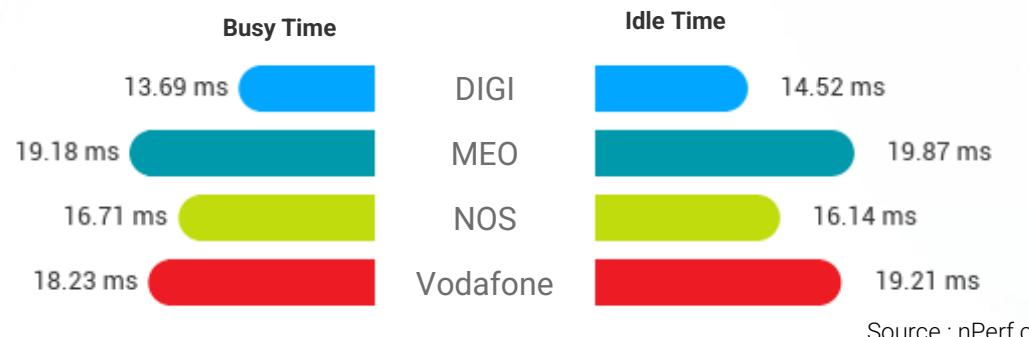


The subscribers of DIGI enjoyed the best Fixed Internet Latency in 2025.

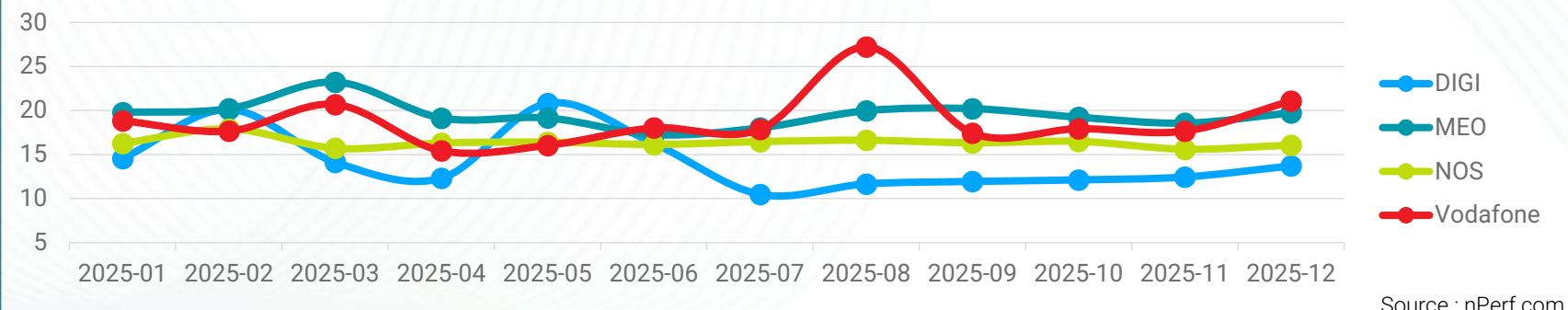
## Latency results ventilation (average)



## Latency (average)

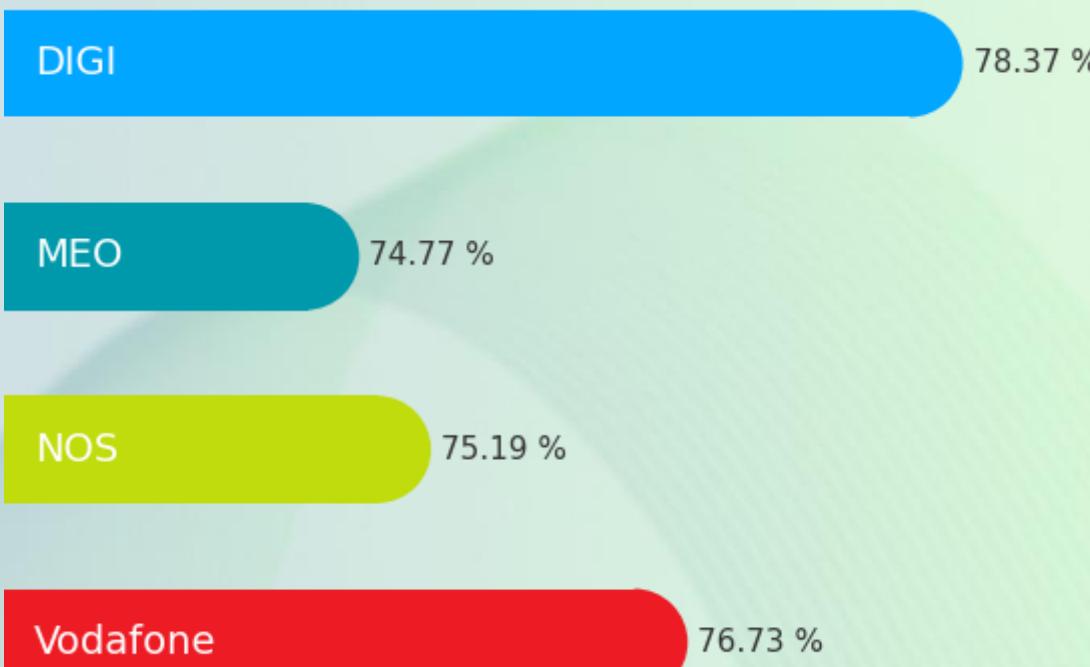


## Latency evolution over the year (average)





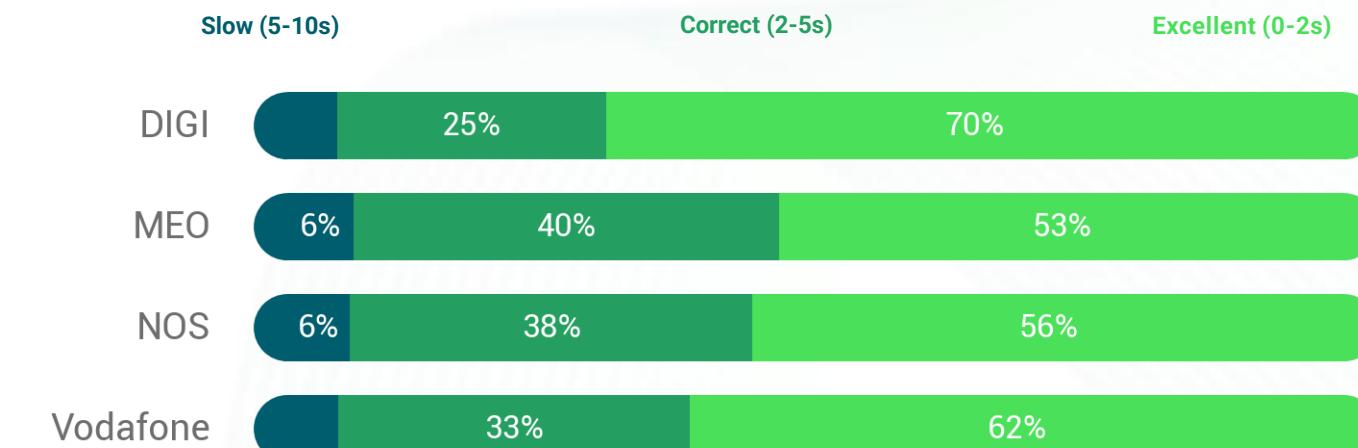
## Browsing Performance (average)



Source : nPerf.com

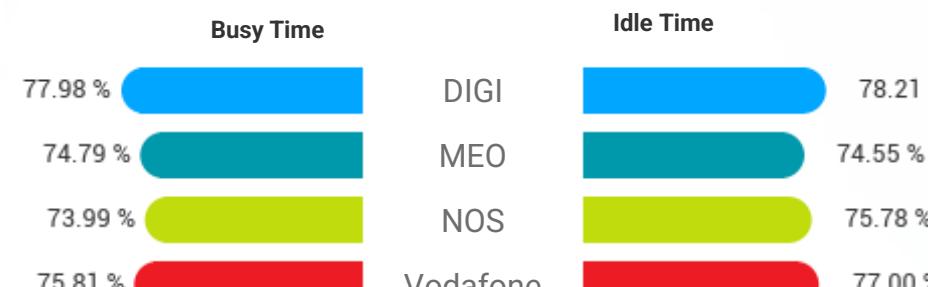
The subscribers of DIGI enjoyed the best Fixed Internet Browsing Performance in 2025.

## Browsing Performance results ventilation (average)



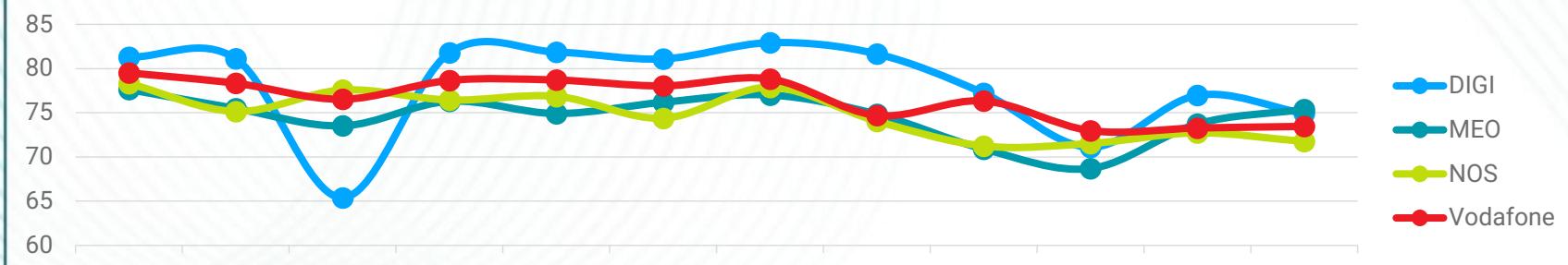
Source : nPerf.com

## Browsing Performance (average)



Source : nPerf.com

## Browsing Performance evolution over the year (average)



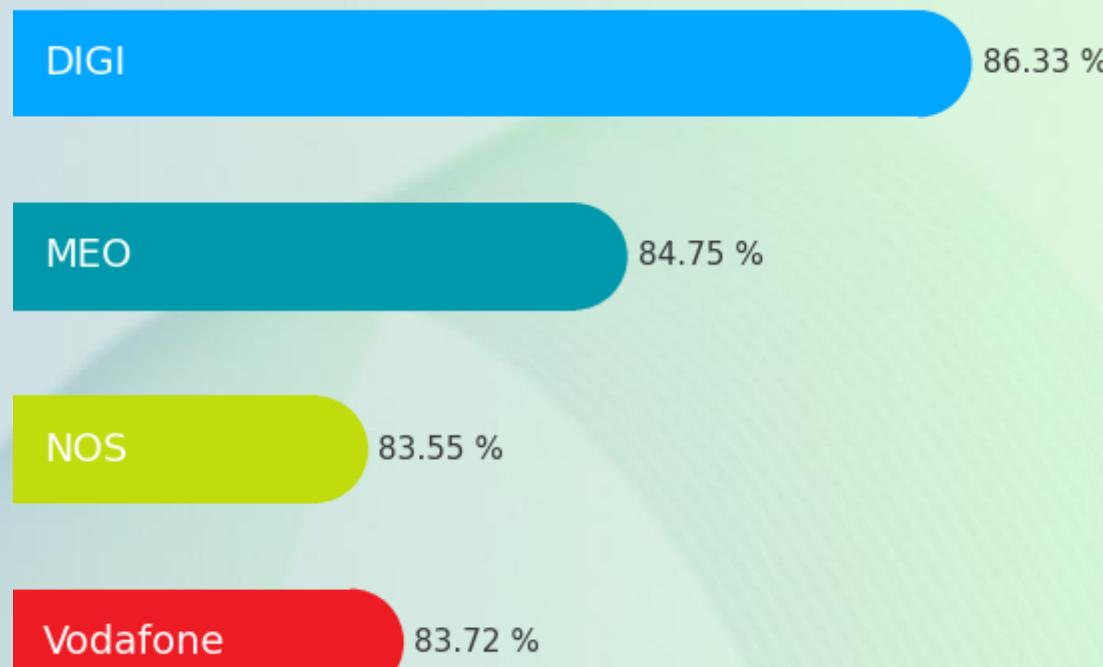
Source : nPerf.com



# Streaming Performance

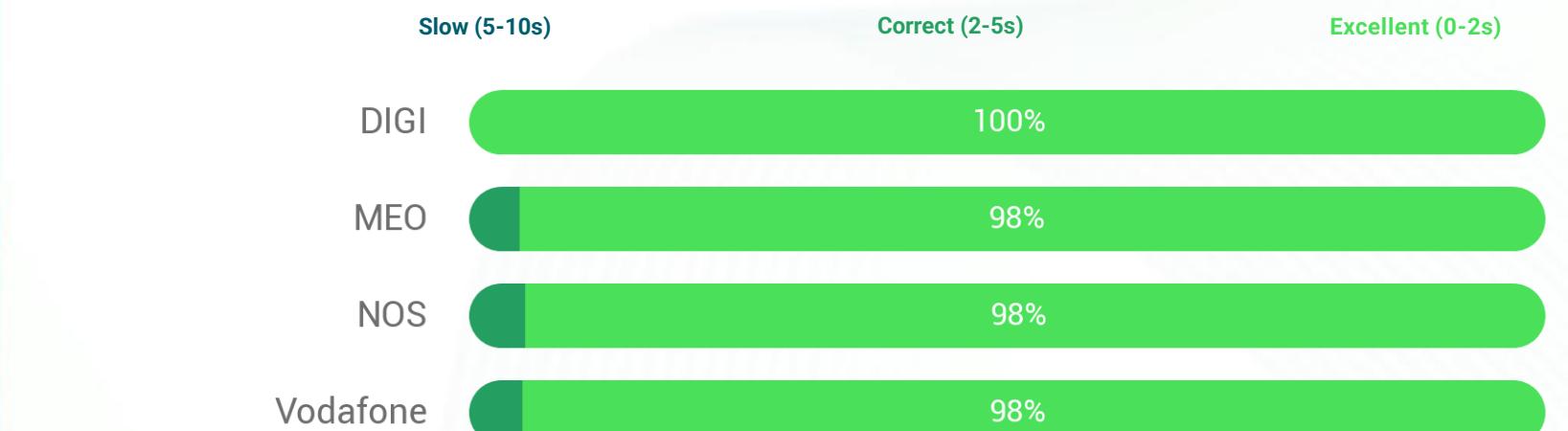


## Streaming Performance (average)

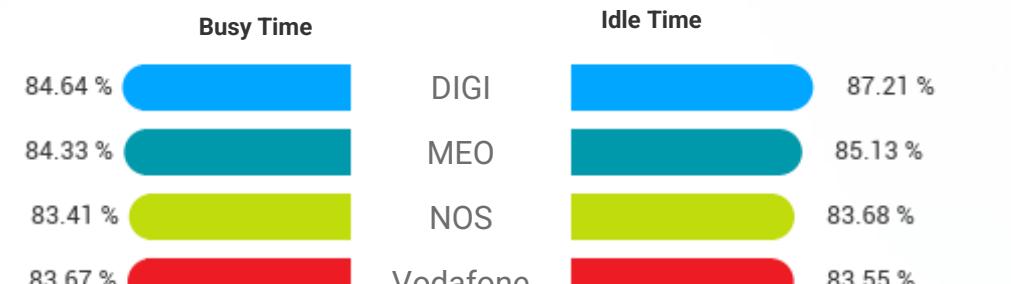


The subscribers of DIGI enjoyed the best Fixed Internet Streaming Performance in 2025.

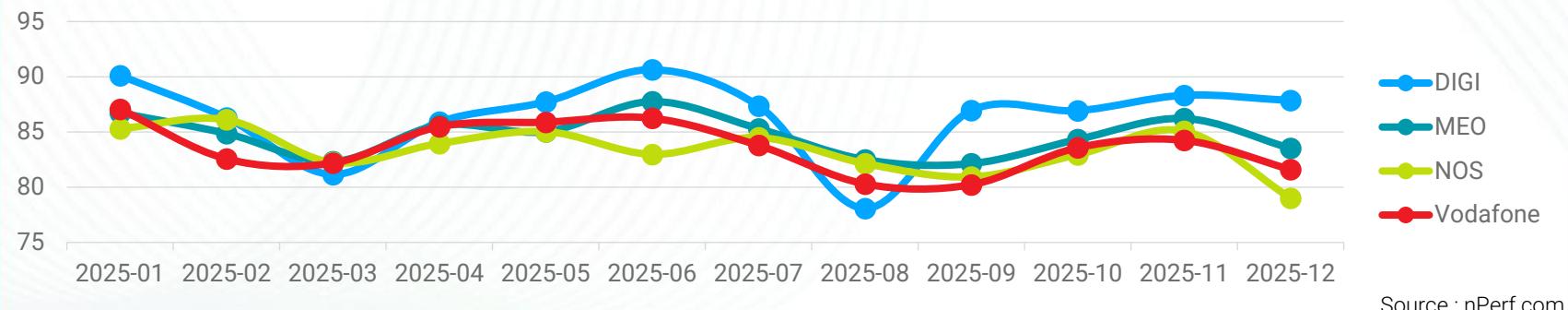
## Streaming Performance results ventilation (average)



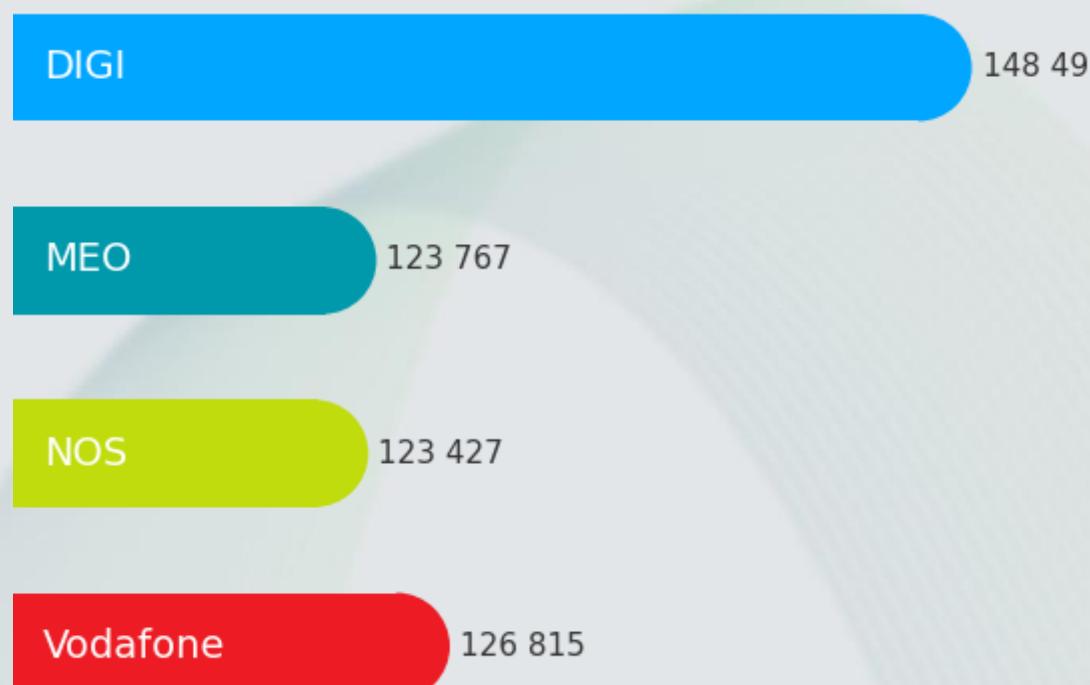
## Streaming Performance (average)



## Streaming Performance evolution over the year (average)



### nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

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

Best performances WIFI: DIGI

Fastest performances (Download Speed) WIFI: DIGI

Fastest performances (Upload Speed) WIFI: DIGI

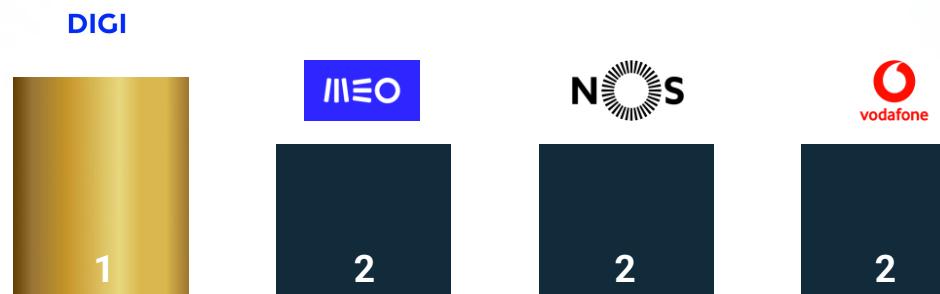
WIFI connections with the lowest latency: DIGI

Best web browsing performances WIFI: DIGI

Best streaming performances WIFI: DIGI

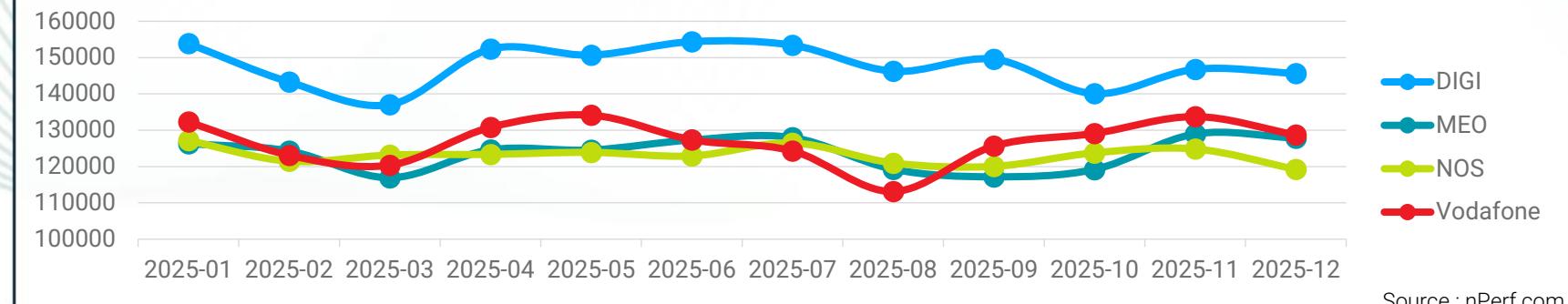
Source : nPerf.com

### nPerf Podium



Source : nPerf.com

### WIFI evolution over the year (average)



Source : nPerf.com

### nPerf QoE nPerf Score (nPoints)

DIGI

165 503

MEO

150 177

NOS

153 822

Vodafone

155 636

Source : nPerf.com

### nPerf Podium

DIGI



NOS



vodafone



Source : nPerf.com

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

Best performances FTTH: DIGI

Fastest performances (Download Speed) FTTH: DIGI

Fastest performances (Upload Speed) FTTH: DIGI

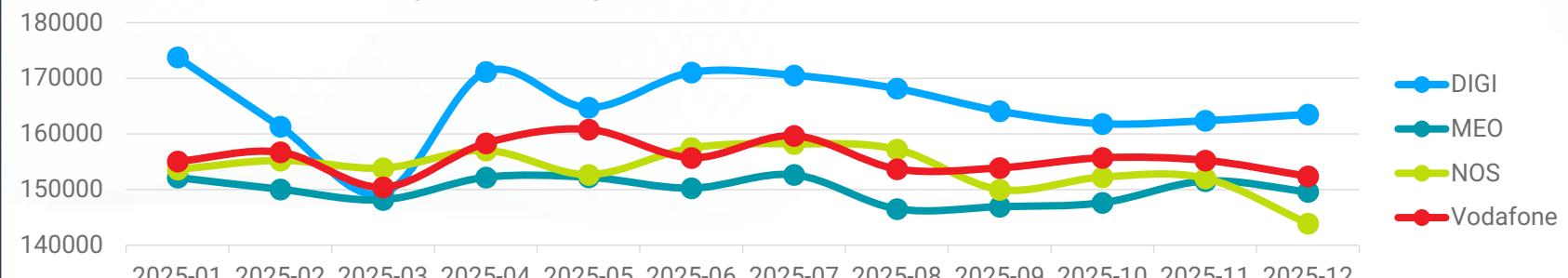
FTTH connections with the lowest latency: NOS

Best web browsing performances FTTH: Vodafone

Best streaming performances FTTH: MEO

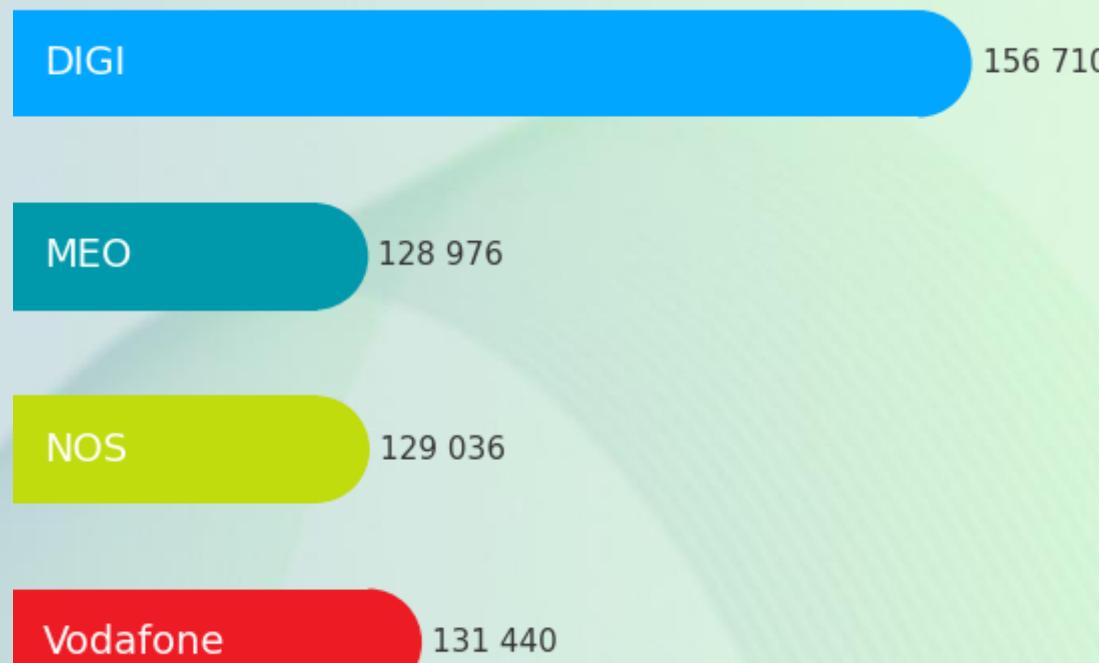
Source : nPerf.com

### FTTH evolution over the year (average)



Source : nPerf.com

## nPerf QoE nPerf Score (nPoints)



Source : nPerf.com



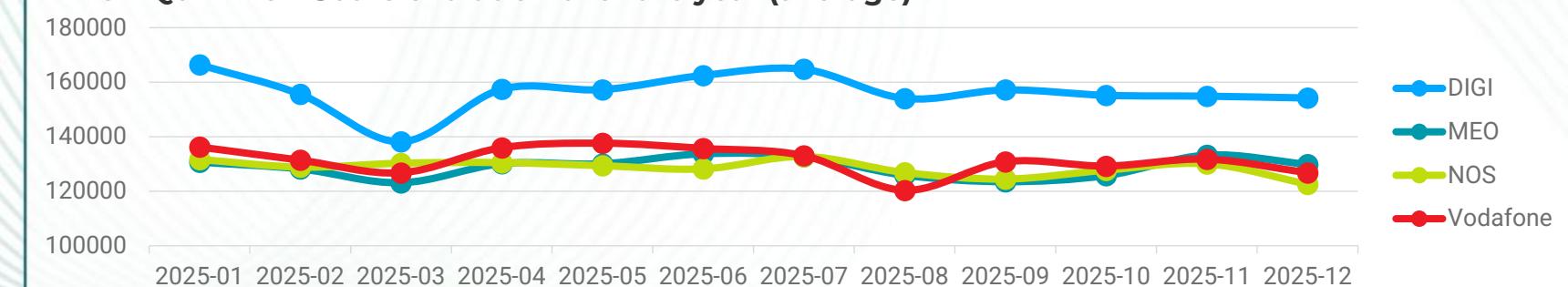
Source : nPerf.com

The subscribers of DIGI 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 QoE nPerf Score evolution over the year (average)



Source : nPerf.com

