



Barometer of mobile Internet connections in Slovakia

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.

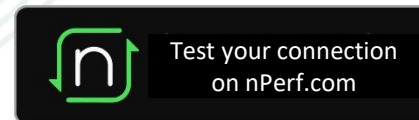
 **300k+** tests daily worldwide.

 **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 Telekom enjoyed the best Mobile Internet performances in 2025 in Slovakia.

Mobile Internet performance in Slovakia

	4ka	O2	Orange	<u>Telekom</u>
▼ Download bitrates (Mb/s)	42.93	93.91	98.64	159.54
▲ Upload bitrates (Mb/s)	15.00	22.85	20.40	42.17
◀▶ Latency (ms)	42.43	26.69	29.49	24.51
🌐 Web browsing (%)	73.63	77.85	76.14	79.38
📺 Youtube streaming (%)	76.38	75.90	79.58	80.34
nPerf Score (nPoints)	75 255	95 810	95 449	111 357

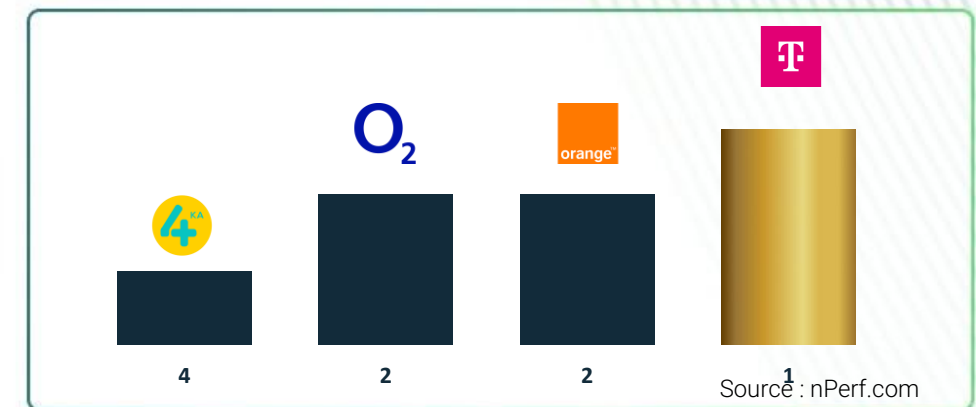
Source : nPerf.com



Best Mobile Internet performance in 2025




Source : nPerf.com



Source : nPerf.com

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

Mobile Internet performance in Slovakia

	4ka	O2	Orange	<u>Telekom</u>
▼ Download bitrates (Mb/s)	130.34	169.48	176.12	231.37
▲ Upload bitrates (Mb/s)	32.30	36.34	27.67	62.61
◀▶ Latency (ms)	32.10	26.06	24.94	22.75
🌐 Web browsing (%)	80.03	81.84	80.57	82.36
🎥 Youtube streaming (%)	81.17	79.87	77.17	79.83
 nPerf Score (nPoints)	103 933	111 608	108 325	121 486

Source : nPerf.com

The mobile Internet sector in Slovakia achieves an average score of 94,443 nPoints. Telekom leads with 111,357 nPoints and dominates Download speed, Upload speed, Latency, and Browsing. The sector shows strong year-on-year momentum with three operators posting growth between 5.5% and 11.0% in their overall performance.

Telekom: consolidated leadership

Telekom leads with 111,357 nPoints and posts solid growth of 6.3%. The operator dominates Download speed with 159.5 Mbps, ideal for HD streaming and fast downloads. It achieves the best Upload speed at 42.2 Mbps, ensuring quality video conferencing and seamless content sharing. Leader in Latency (24.5 ms), it delivers optimal responsiveness for online gaming and real-time communications. The operator tops Browsing performance (79.4%) and shares first place ex-aequo in Video streaming (80.3%).

O2: strong progression

O2 ranks second with 95,810 nPoints and records strong growth of 11.0%. The operator achieves second place in Upload speed (22.9 Mbps) and Latency (26.7 ms), guaranteeing responsive connections. It also secures second position in Browsing (77.9%).

Orange: competitive speeds

Orange ranks third with 95,449 nPoints and achieves second place in Download speed (98.6 Mbps). The operator shares first place ex-aequo in Video streaming with 79.6%, ensuring smooth viewing experiences. It posts growth of 5.5%.

4ka: a solid positioning

4ka ranks fourth with 75,255 nPoints and secures third place in Video streaming (76.4%). The operator maintains competitive performance across key usage scenarios.

Telekom strengthens its leadership with balanced performance across all indicators. The sector displays positive dynamics with widespread growth and competitive Download speed capabilities. Users benefit from increasingly capable networks, particularly for streaming, gaming, and video conferencing experiences.

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

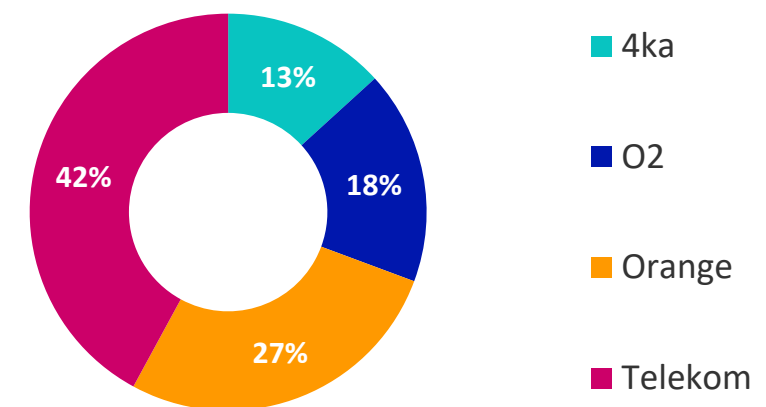
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.5% 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)



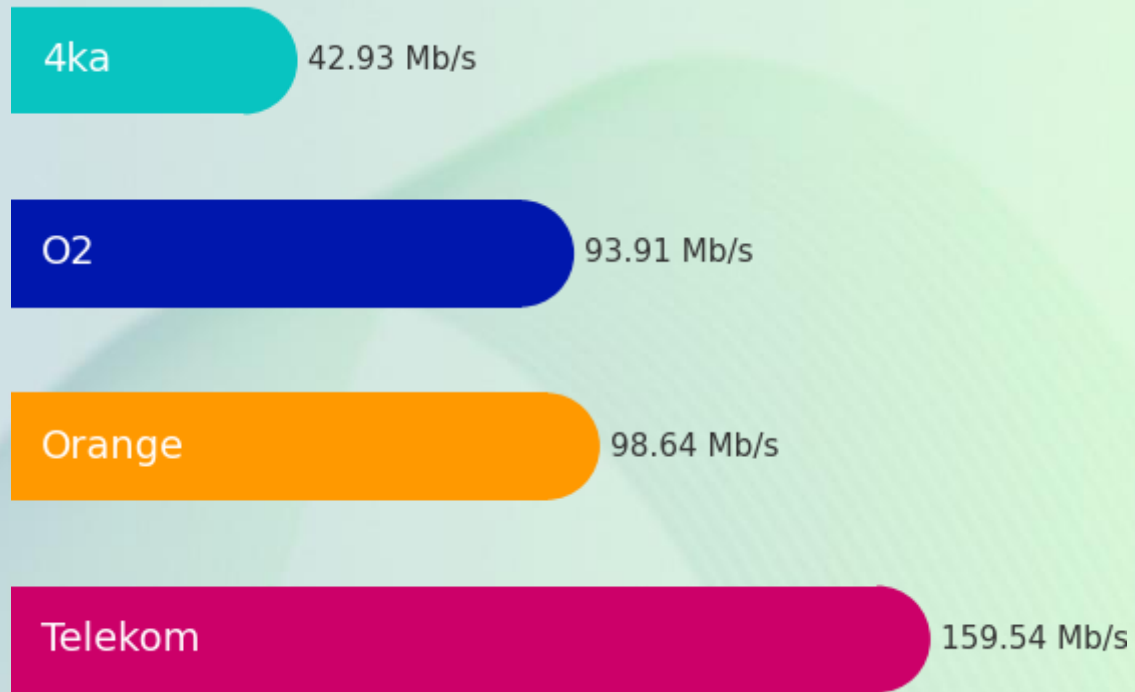
Source : nPerf.com



Download Speed



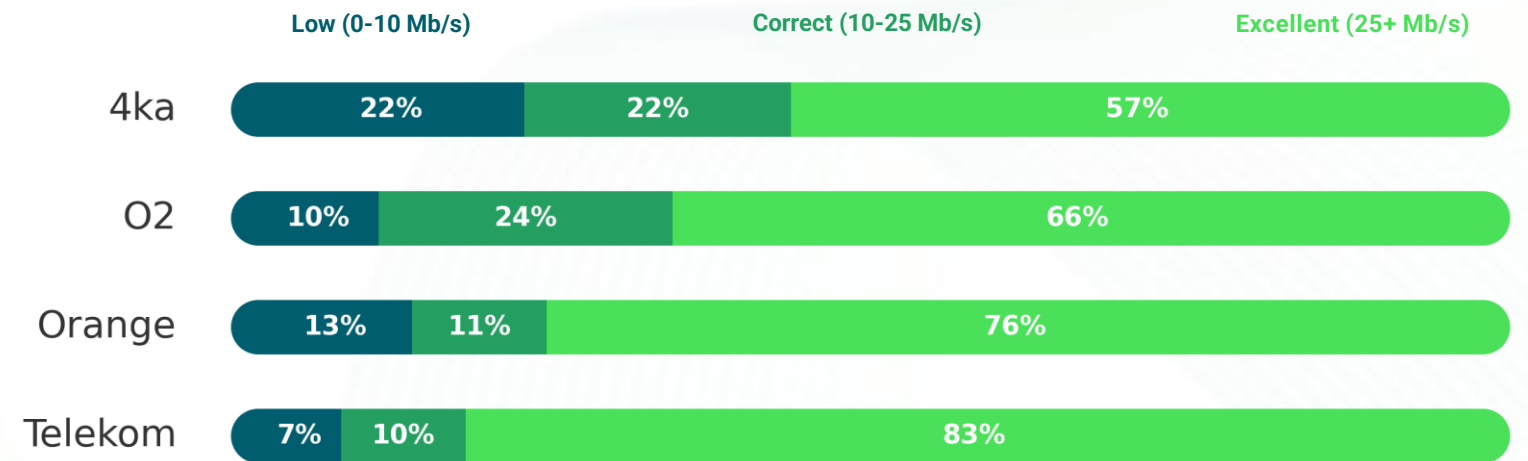
Download Speed (average)



Source : nPerf.com

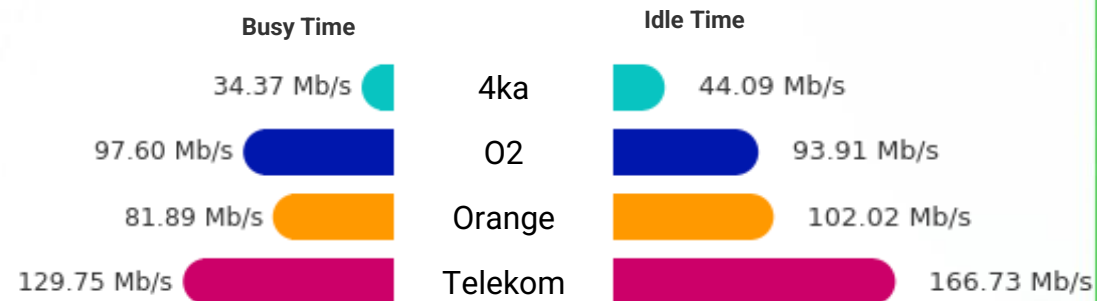
The subscribers of Telekom enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)



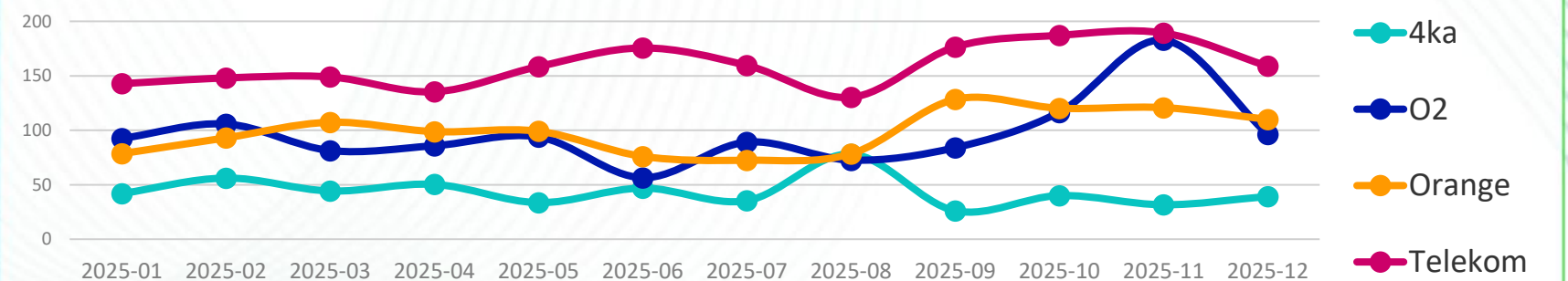
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

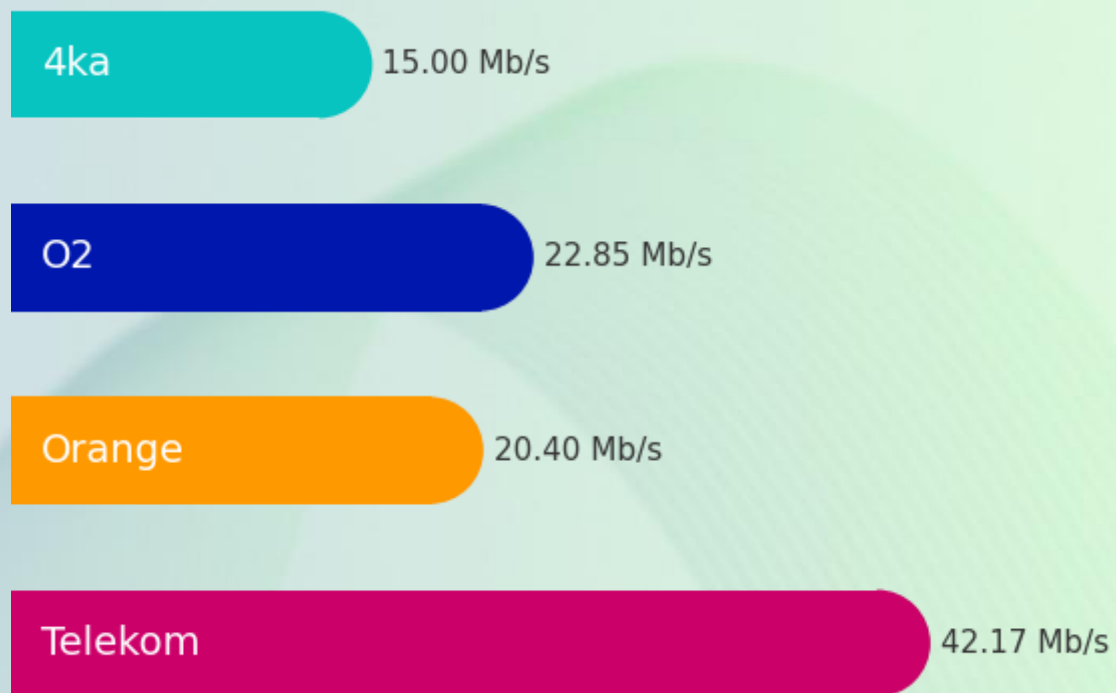
Download Speed evolution over the year (average)



Source : nPerf.com



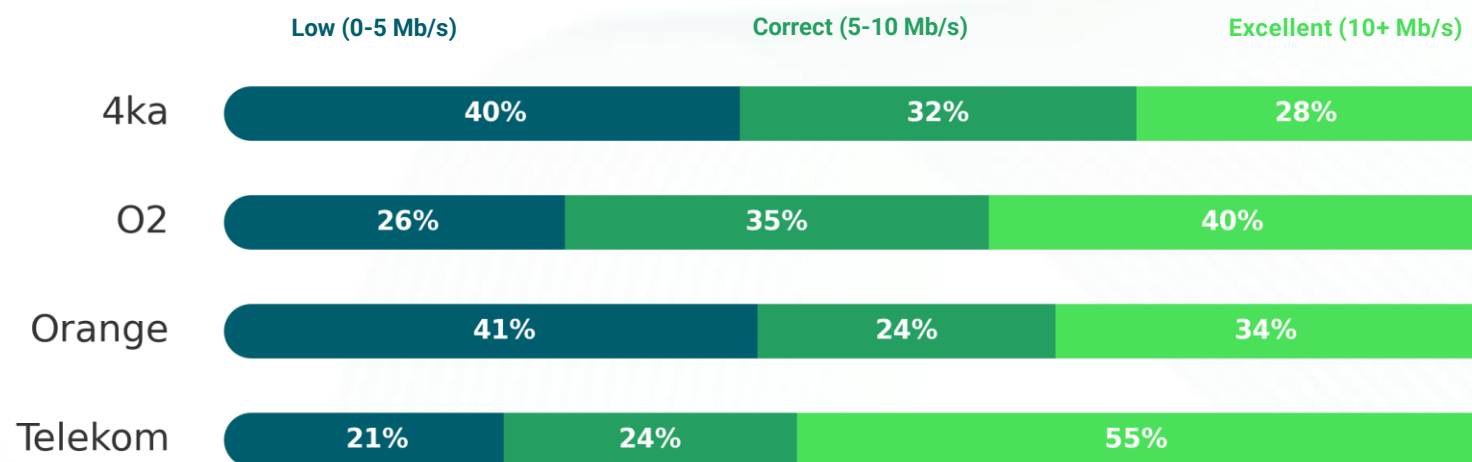
Upload Speed (average)



Source : nPerf.com

The subscribers of Telekom enjoyed the best Mobile Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



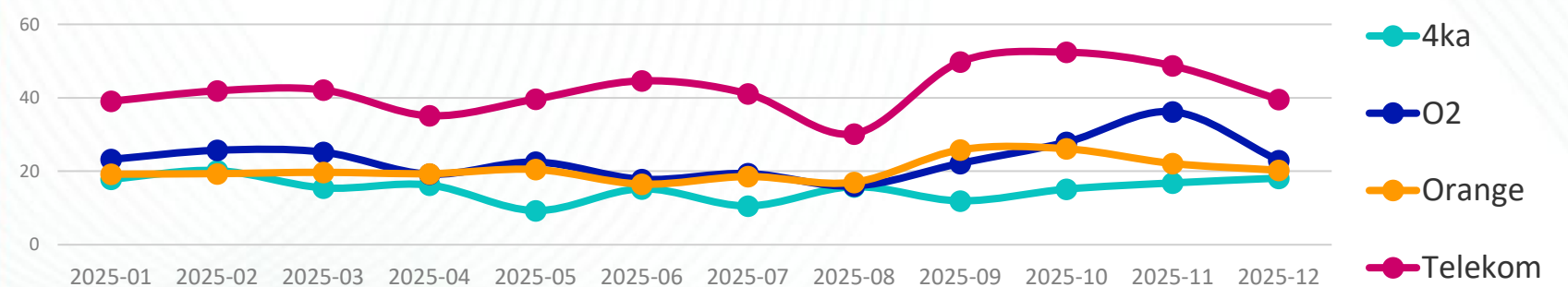
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

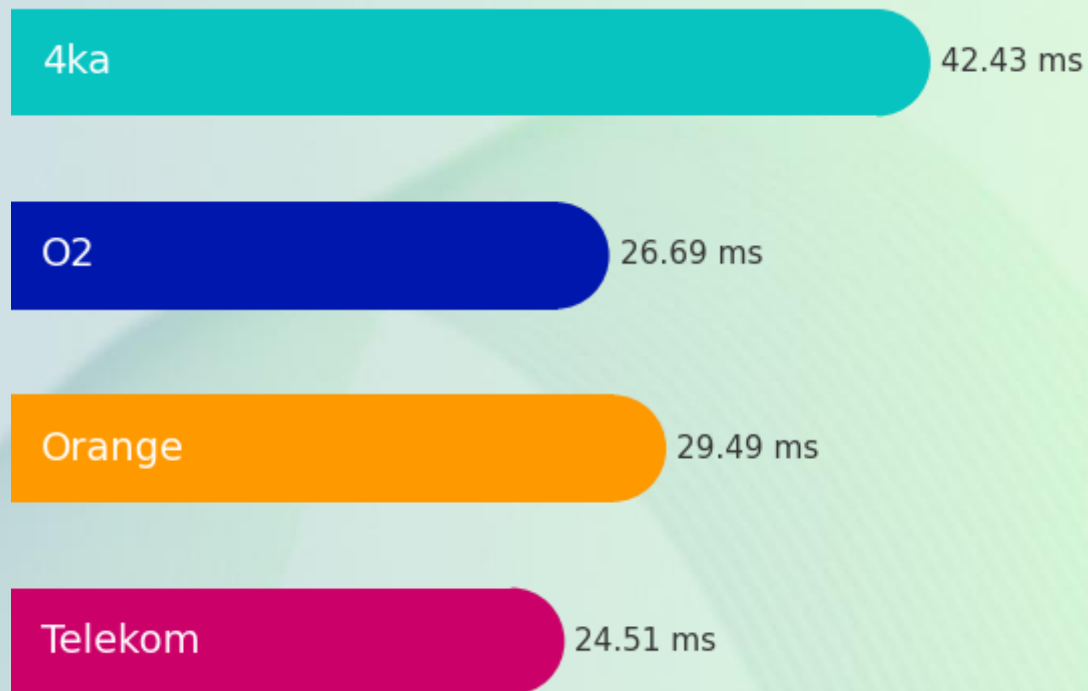
Upload Speed evolution over the year (average)



Source : nPerf.com



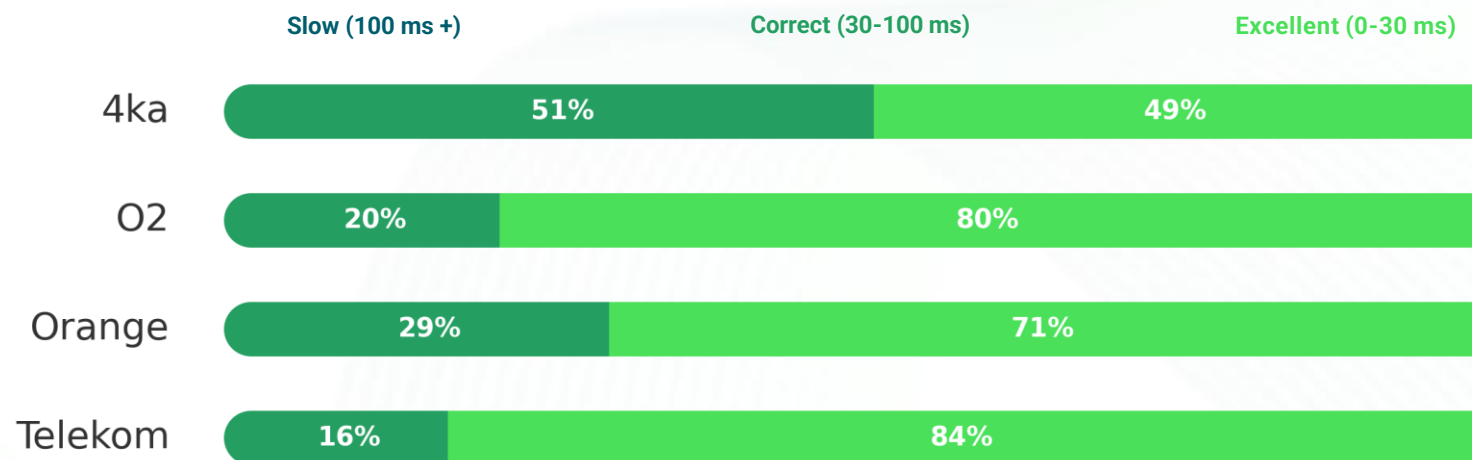
Latency (average)



Source : nPerf.com

The subscribers of Telekom enjoyed the best Mobile Internet Latency in 2025.

Latency results ventilation (average)



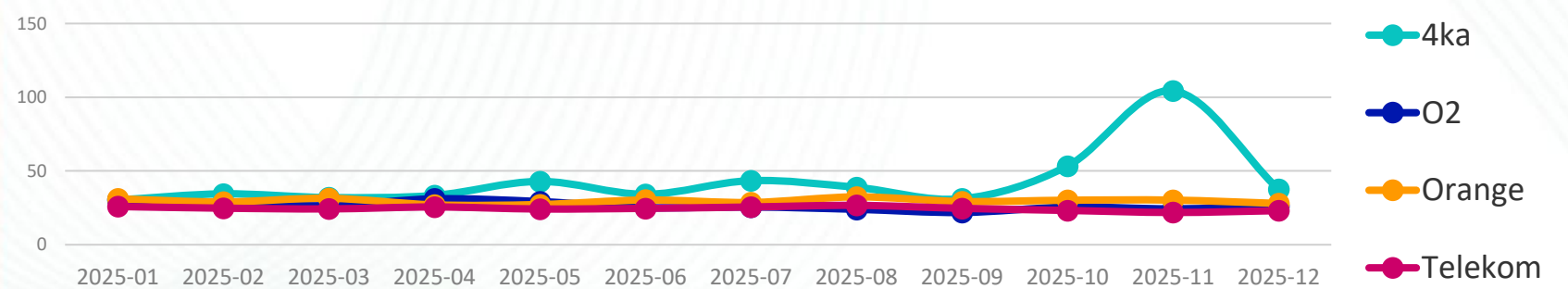
Source : nPerf.com

Latency (average)



Source : nPerf.com

Latency evolution over the year (average)



Source : nPerf.com



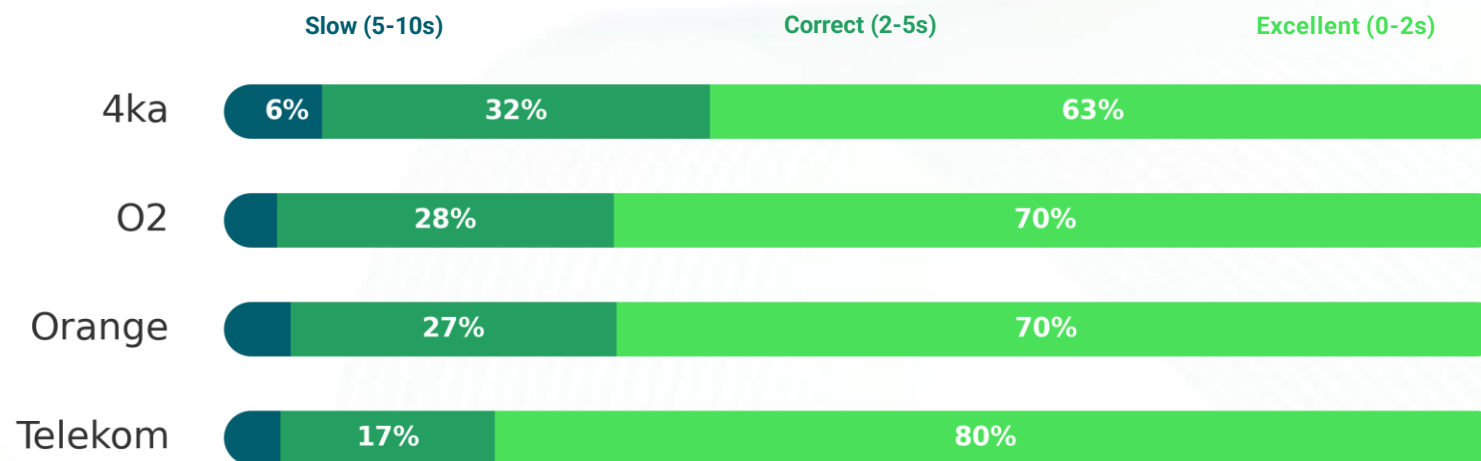
Browsing Performance (average)



Source : nPerf.com

The subscribers of Telekom enjoyed the best Mobile Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



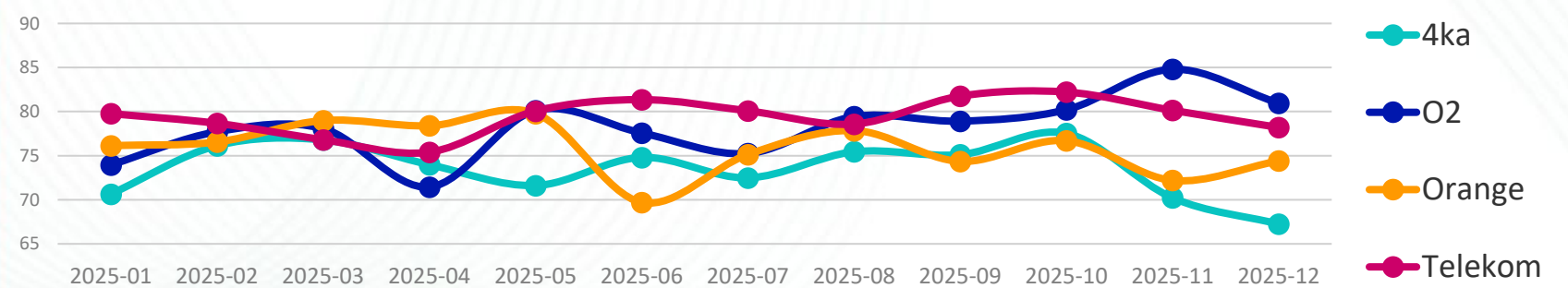
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



Source : nPerf.com



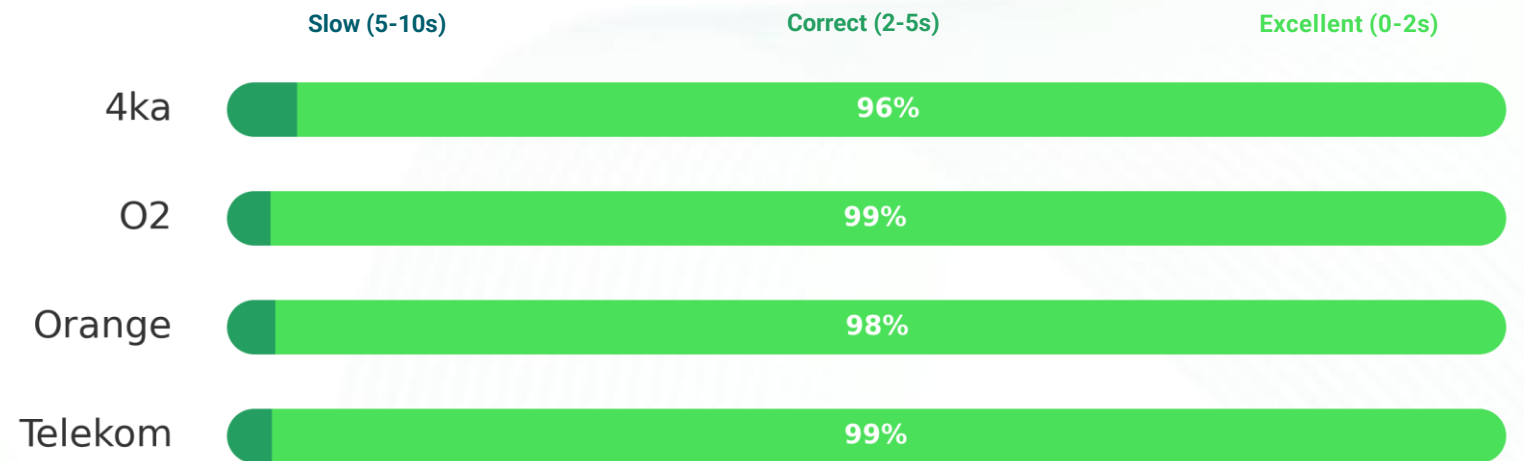
Streaming Performance (average)



Source : nPerf.com

The subscribers of Orange and Telekom enjoyed the best Mobile Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



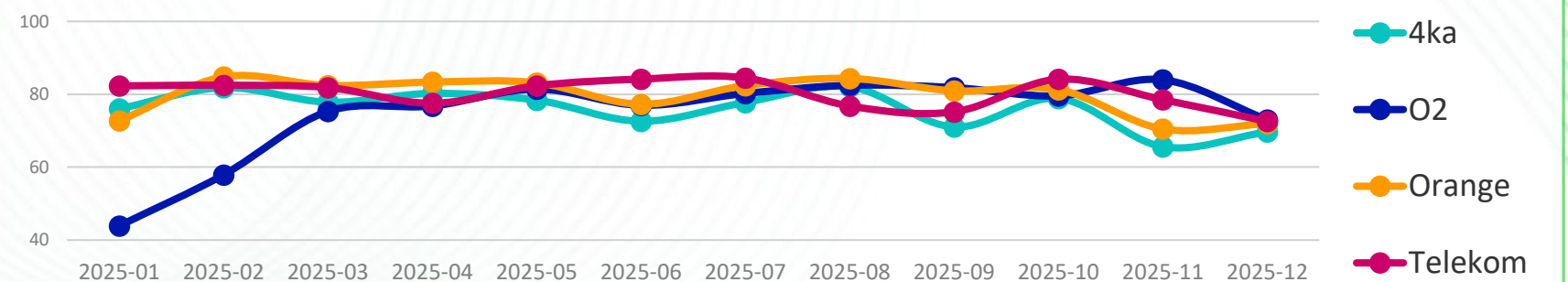
Source : nPerf.com

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 Telekom enjoyed the best 5G Internet in 2025.

Best performances 5G: Telekom

Fastest performances (Download Speed) 5G: Telekom

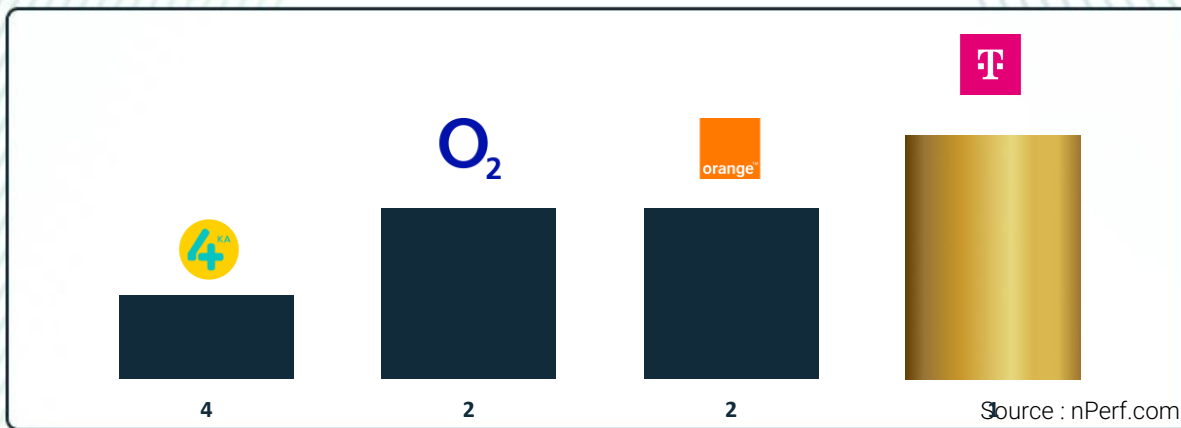
Fastest performances (Upload Speed) 5G: Telekom

5G connections with the lowest latency: Telekom

Best web browsing performances 5G: O2, Orange and Telekom

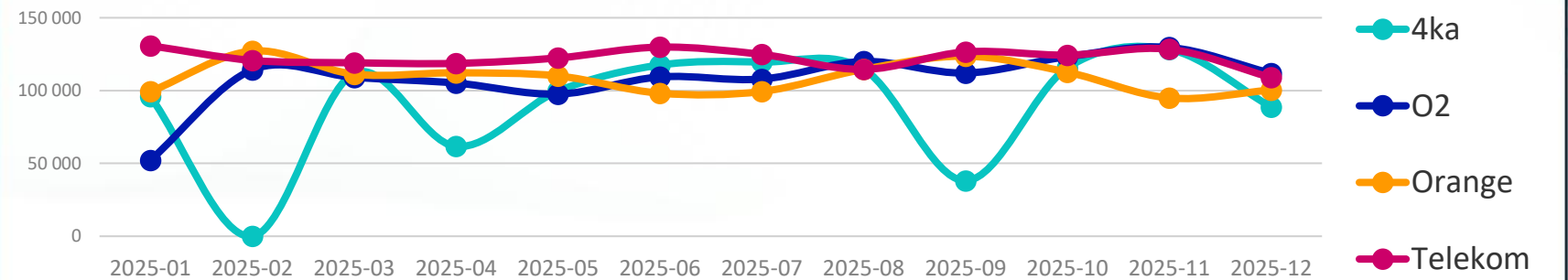
Best streaming performances 5G: 4ka, O2 and Telekom

Source : nPerf.com



Source : nPerf.com

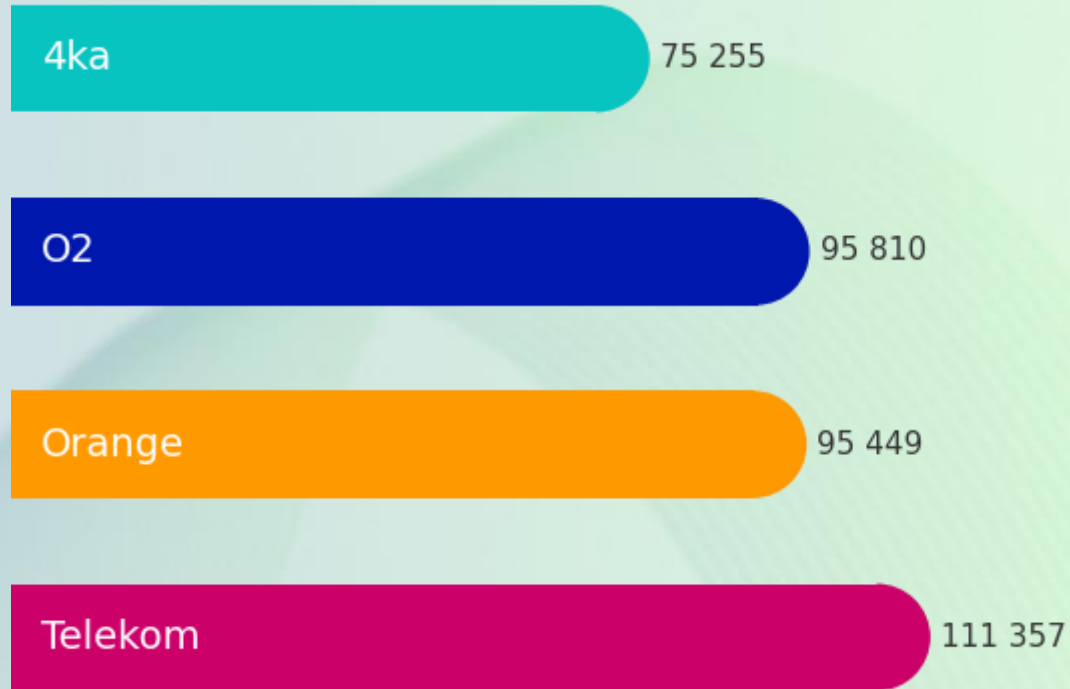
5G evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)

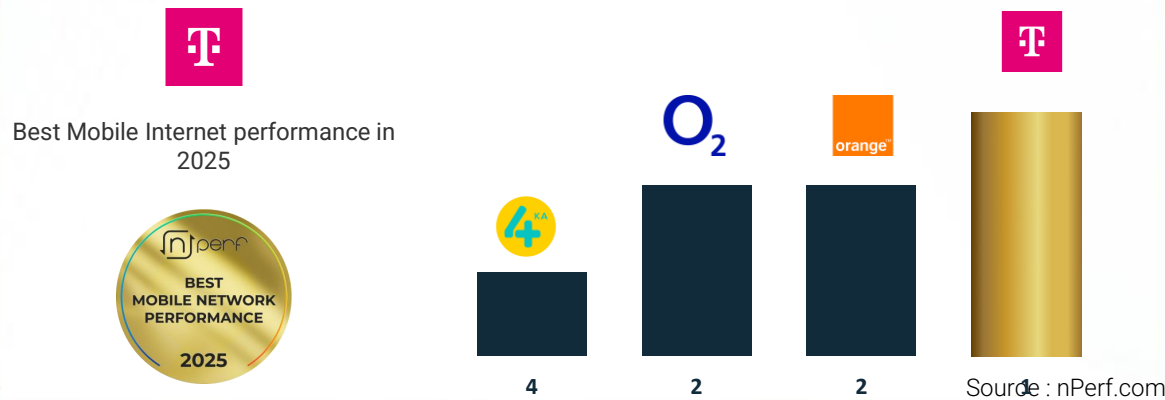


Source : nPerf.com

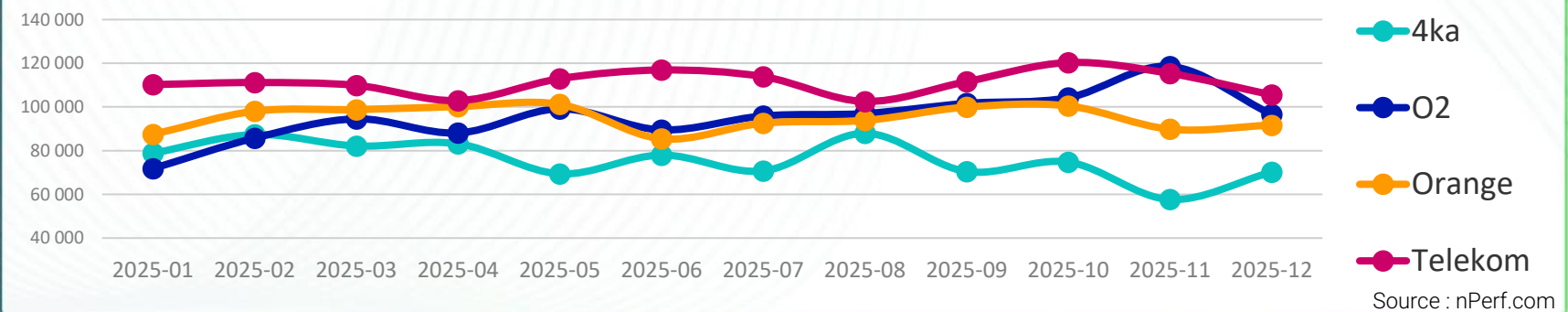
The subscribers of Telekom enjoyed the best Mobile Internet performances in 2025.

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



nPerf QoE nPerf Score evolution over the year (average)





We qualify your connection