

January 2026



Barometer of mobile Internet connections in United Kingdom

01/01/2025 - 12/31/2025



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nPerf**

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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.



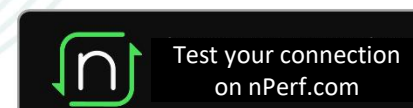
26Md+ coverage
scans in total.



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 Gb/s! Download our app or visit our website!



2. Executive Summary



The subscribers of EE and Three enjoyed the best Mobile Internet performances in 2025 in United Kingdom.

Mobile Internet performance in United Kingdom

	EE	O2	Three	Vodafone
▼ Download bitrates (Mb/s)	110.44	44.07	110.72	74.56
▲ Upload bitrates (Mb/s)	15.77	8.22	16.50	11.88
◀▶ Latency (ms)	36.43	37.56	35.31	43.72
🌐 Web browsing (%)	69.65	62.70	67.61	66.04
🎥 Youtube streaming (%)	76.51	72.82	74.88	74.35
nPerf Score (nPoints)	86 470	66 557	84 993	74 892

Source : nPerf.com



Best Mobile Internet performance
in 2025



Source : nPerf.com



1



4



1



3

Source : nPerf.com

The subscribers of Three enjoyed the best 5G Internet in 2025 in United Kingdom.

Mobile Internet performance in United Kingdom

	EE	O2	Three	Vodafone
 Download bitrates (Mb/s)	139.89	102.67	234.28	157.35
 Upload bitrates (Mb/s)	20.75	15.75	29.79	19.60
 Latency (ms)	41.50	33.14	33.09	40.49
 Web browsing (%)	73.07	67.92	73.62	72.64
 Youtube streaming (%)	75.72	74.02	78.34	76.24
 nPerf Score (nPoints)	90 657	84 410	104 060	92 077

Source : nPerf.com

The United Kingdom mobile Internet sector displays an average score of 78,222 nPoints. EE and Three share the leadership position ex-aequo with 86,470 and 84,993 nPoints respectively, dominating across download speed, upload speed, and latency. The sector is characterized by intense competition at the top, with both leaders exceeding 110 Mbps in download speeds.

EE: shared leadership with comprehensive strengths

EE shares first place ex-aequo with 86,470 nPoints and demonstrates strong performances across all metrics. The operator dominates browsing with 69.65%, ensuring smooth web navigation. EE shares the top position on download speed with 110.44 Mbps, ideal for HD streaming and fast downloads. The operator leads in video streaming quality (76.51%), delivering fluid content viewing for users.

Three: a solid top position

Three shares first place ex-aequo with 84,993 nPoints and leads in upload speed with 16.50 Mbps, guaranteeing high-quality video calls and efficient content sharing. The operator achieves the best latency in the sector (35.31 ms), perfect for online gaming and real-time communications. Three shares the top ranking on download speed with

110.72 Mbps.

Vodafone: competitive positioning

Vodafone ranks third with 74,892 nPoints and delivers 74.56 Mbps in download speed. The operator demonstrates solid video streaming performance (74.35%, 3rd place).

O2: focused performance

O2 ranks fourth with 66,557 nPoints and displays efficient latency (37.56 ms, 3rd place), suitable for responsive online experiences.

EE and Three maintain their co-leadership with complementary strengths across all performance indicators. The sector shows intense competition at the top tier, with both leaders delivering download speeds exceeding 110 Mbps. Users benefit from high-quality mobile experiences, particularly for streaming, gaming, 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

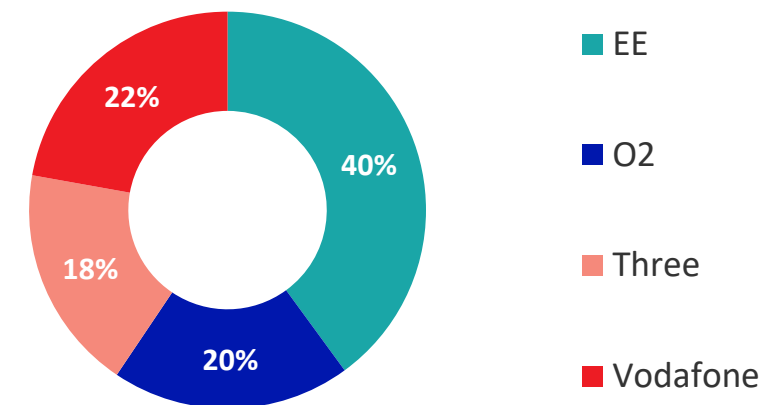
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.5% 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)



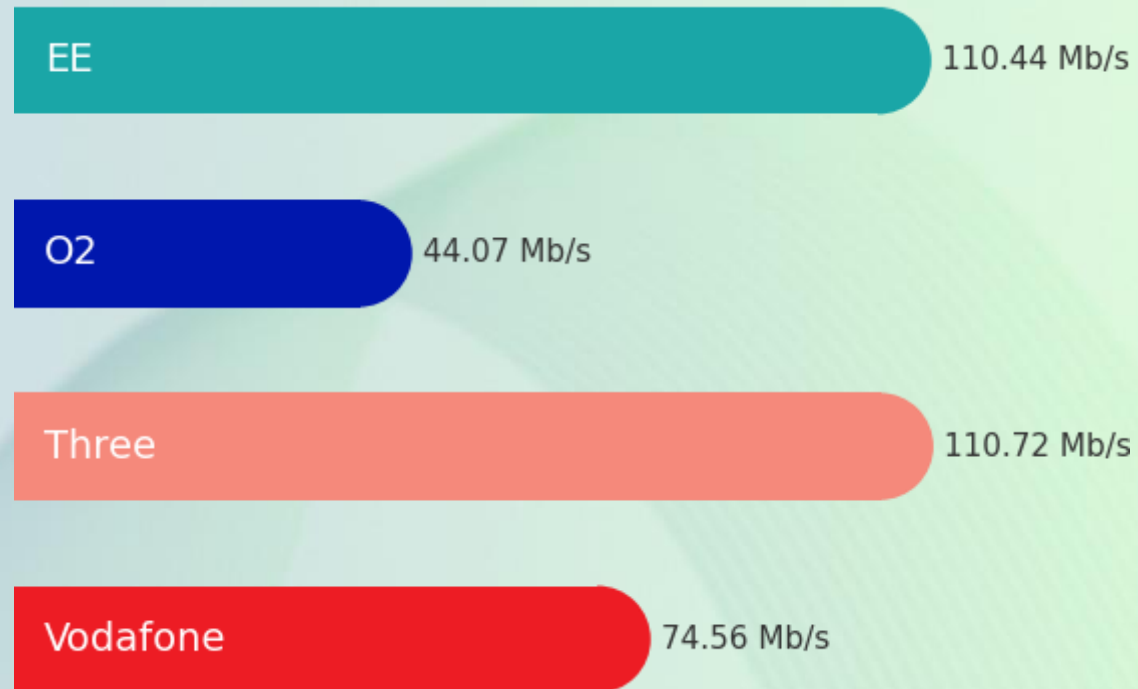
Source : nPerf.com



Download Speed



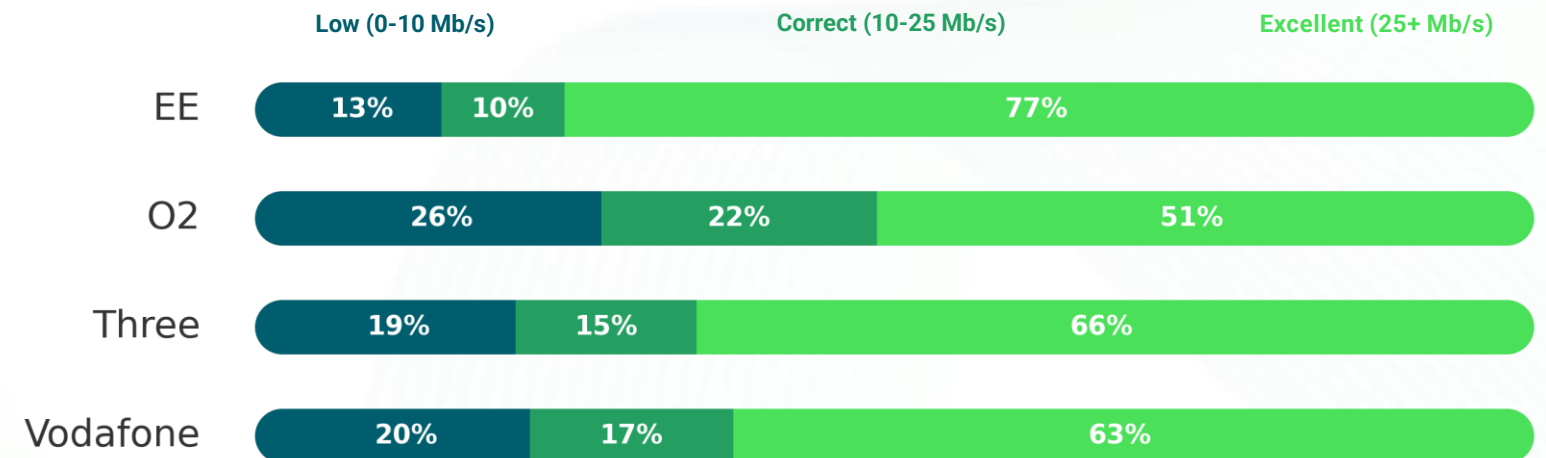
Download Speed (average)



Source : nPerf.com

The subscribers of EE and Three enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)



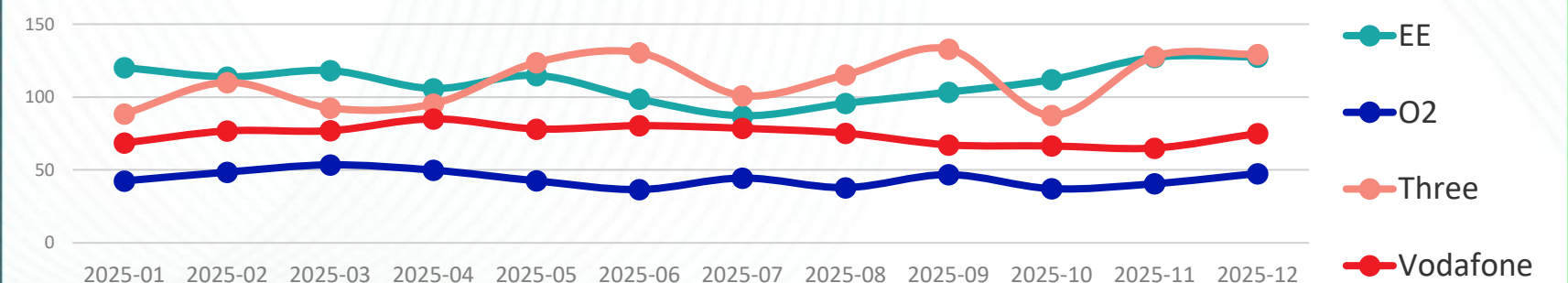
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



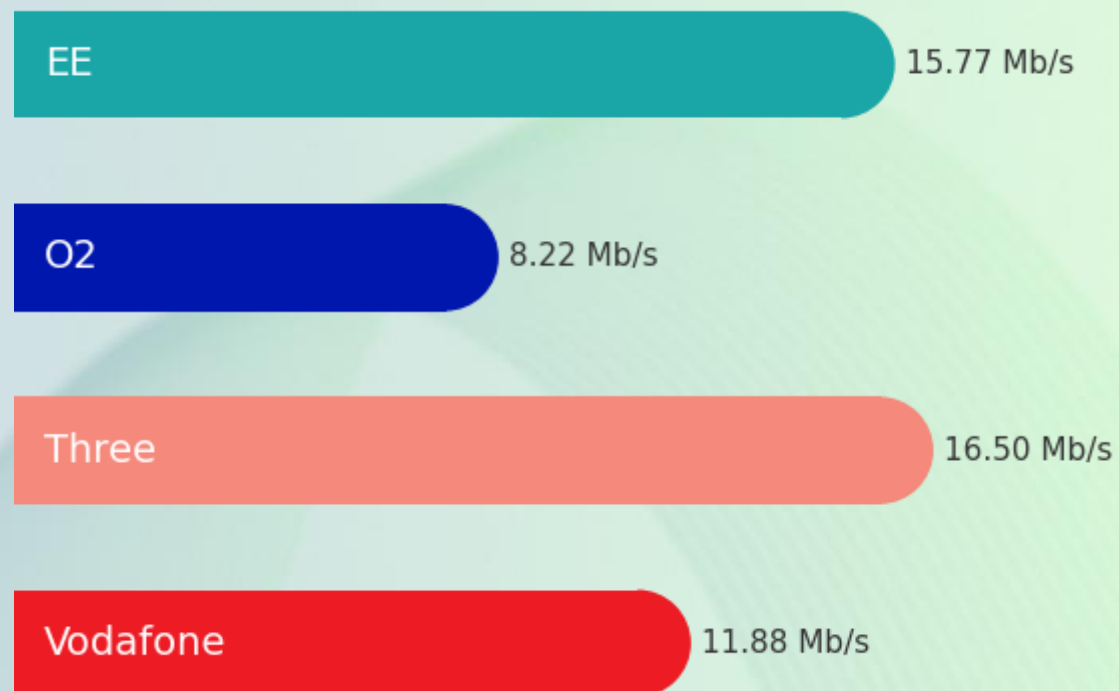
Source : nPerf.com



Upload Speed



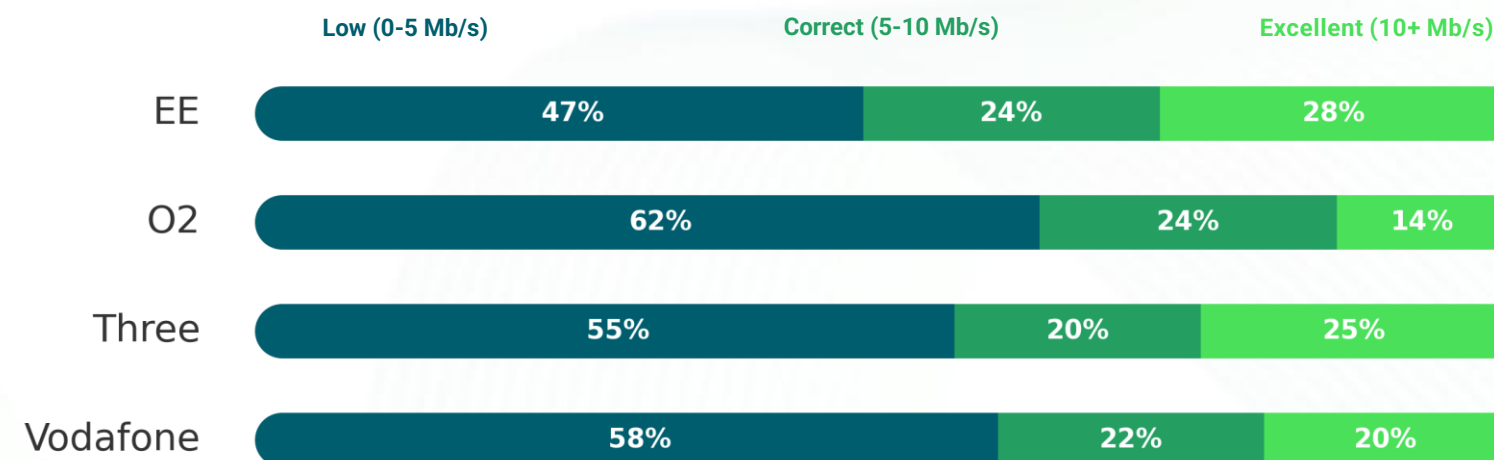
Upload Speed (average)



Source : nPerf.com

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

Upload Speed results ventilation (average)



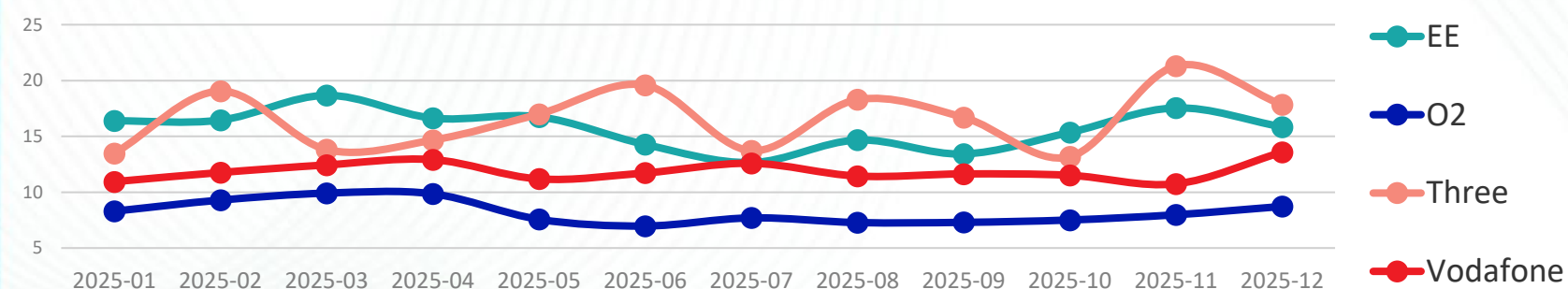
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

Upload Speed evolution over the year (average)



Source : nPerf.com



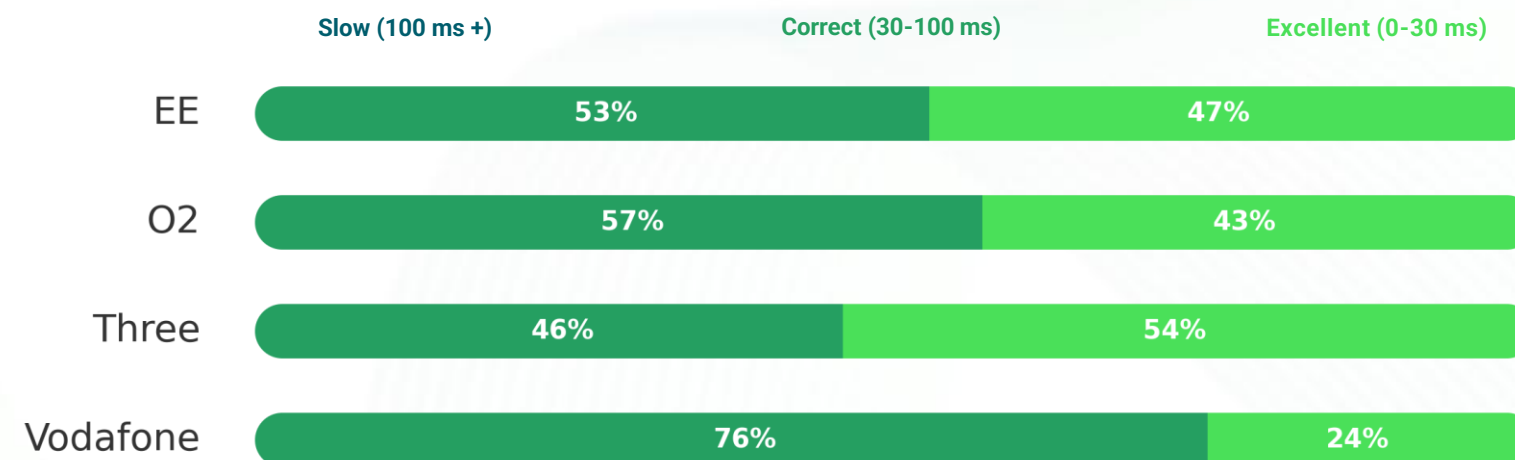
Latency (average)



Source : nPerf.com

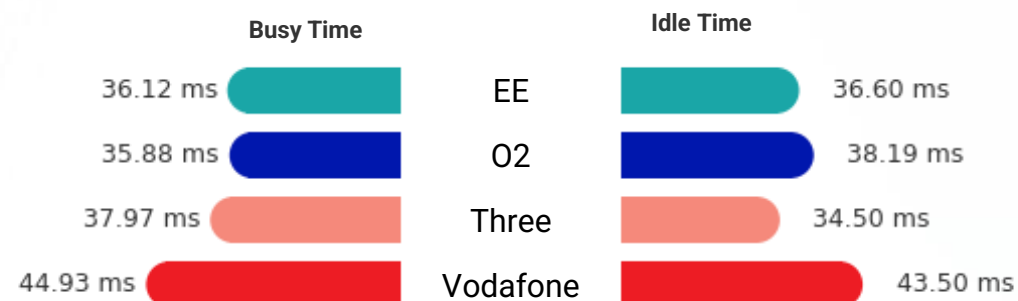
The subscribers of Three enjoyed the best Mobile Internet Latency in 2025.

Latency results ventilation (average)



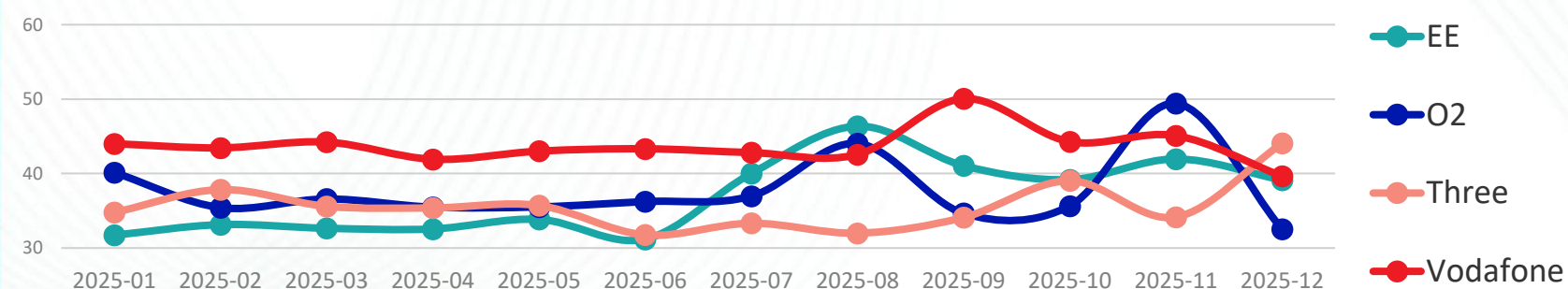
Source : nPerf.com

Latency (average)



Source : nPerf.com

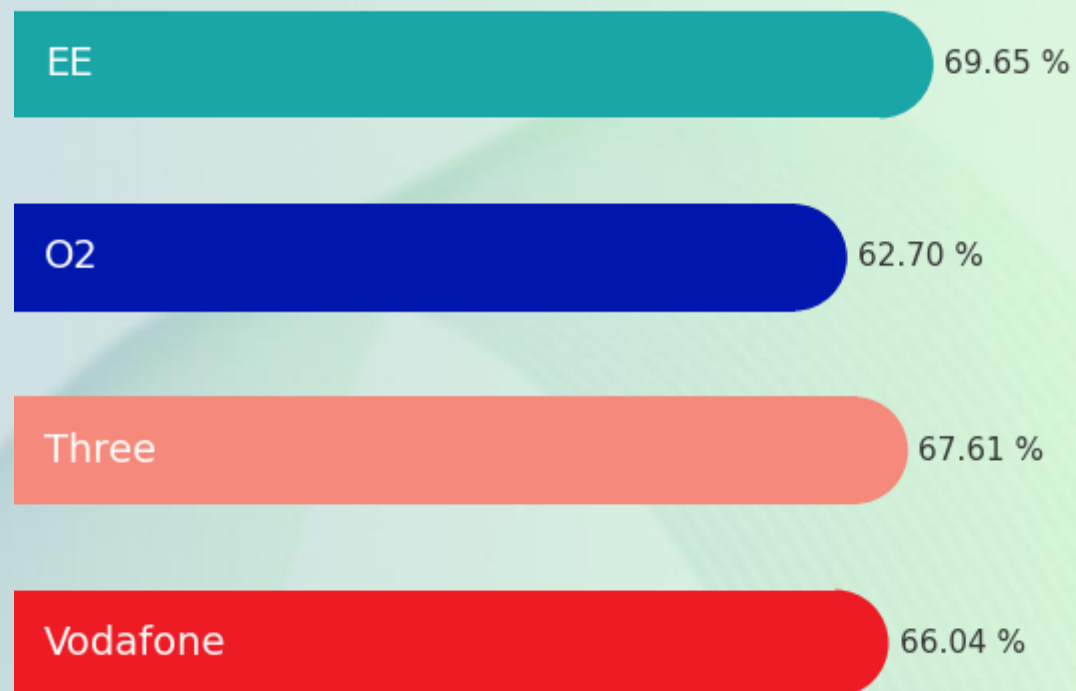
Latency evolution over the year (average)



Source : nPerf.com



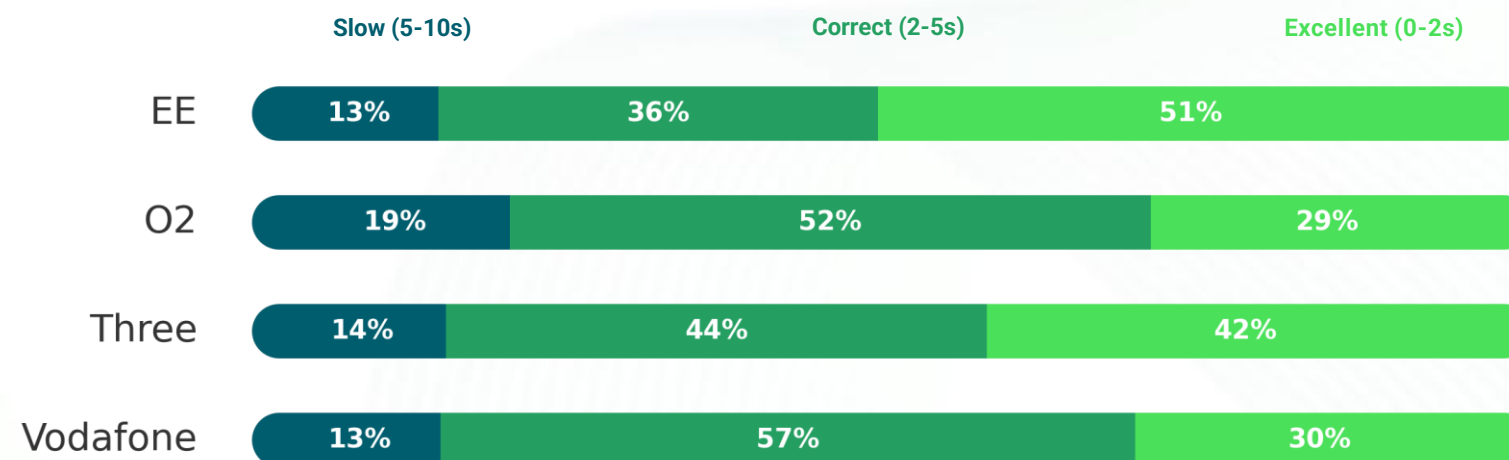
Browsing Performance (average)



Source : nPerf.com

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

Browsing Performance results ventilation (average)



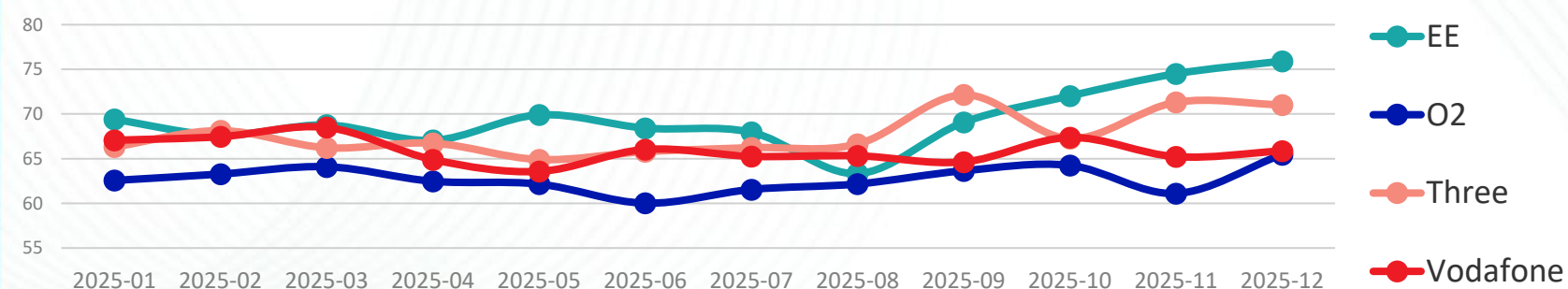
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



Source : nPerf.com



Streaming Performance



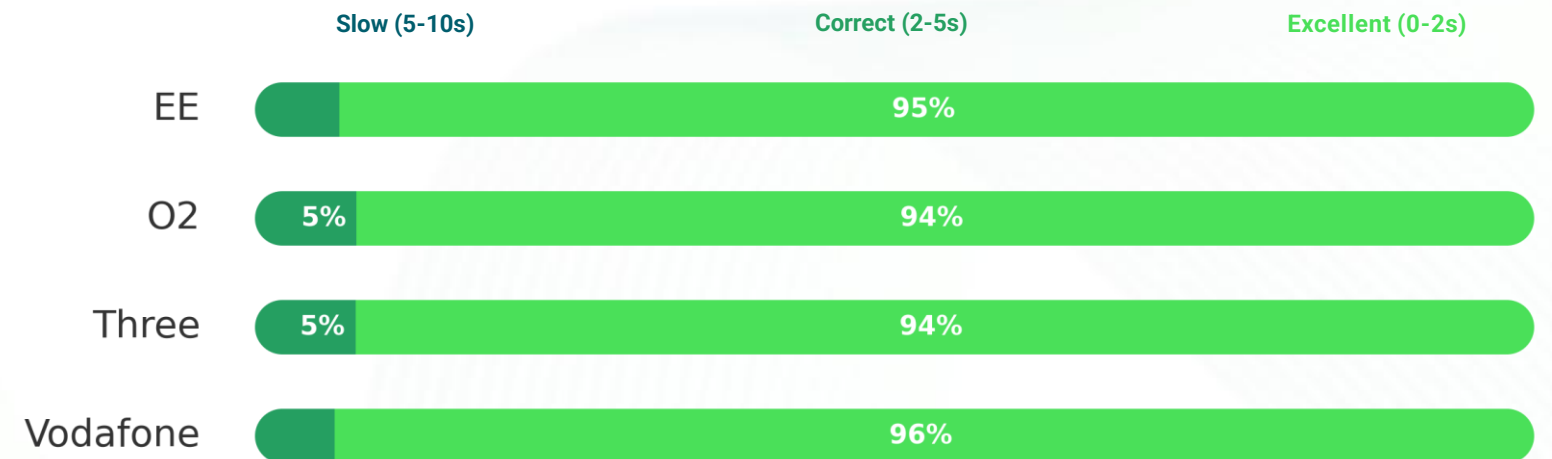
Streaming Performance (average)



Source : nPerf.com

The subscribers of EE enjoyed the best Mobile Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



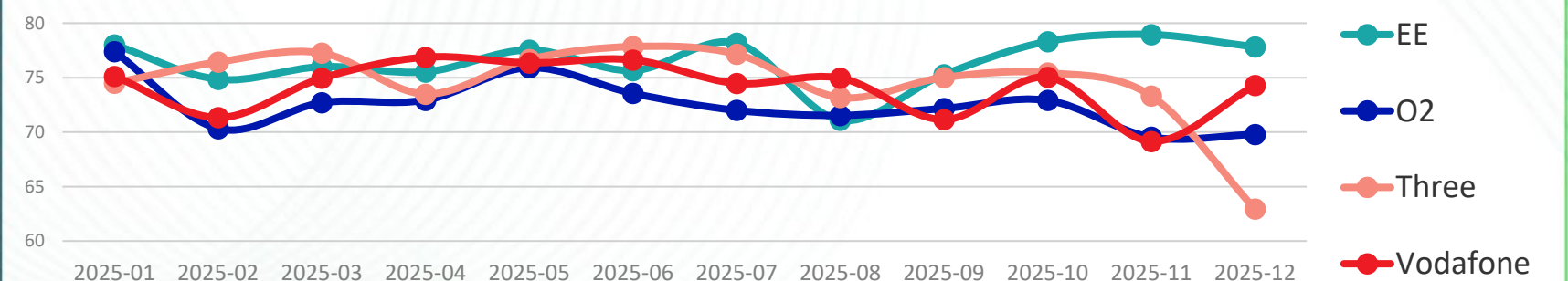
Source : nPerf.com

Streaming Performance (average)



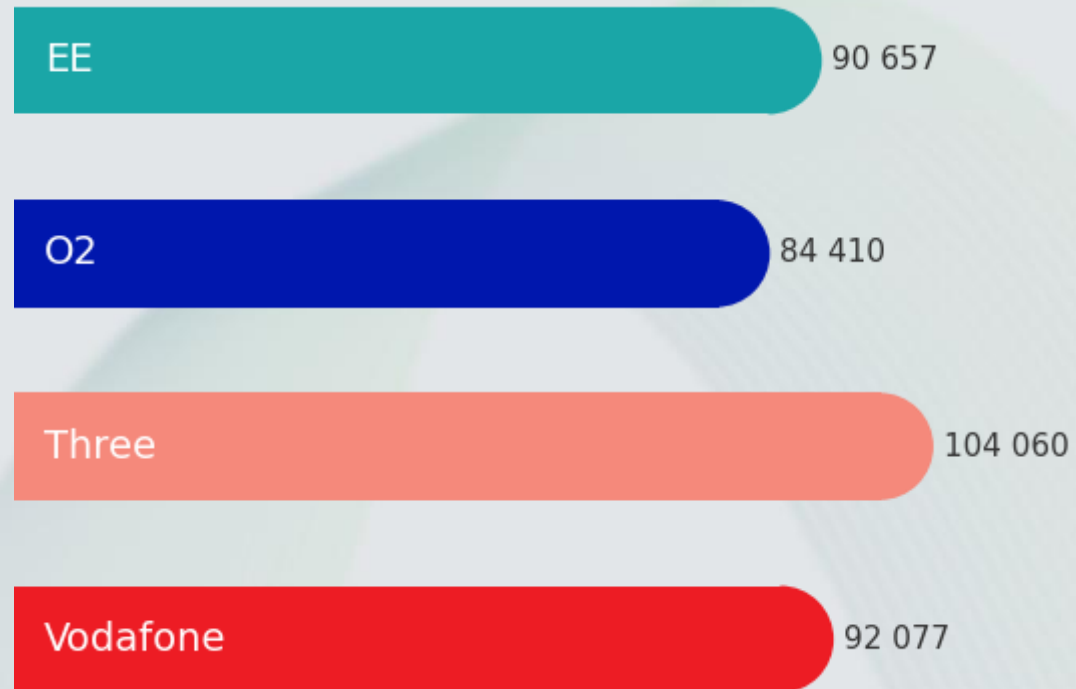
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

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

Best performances 5G: Three

Fastest performances (Download Speed) 5G: Three

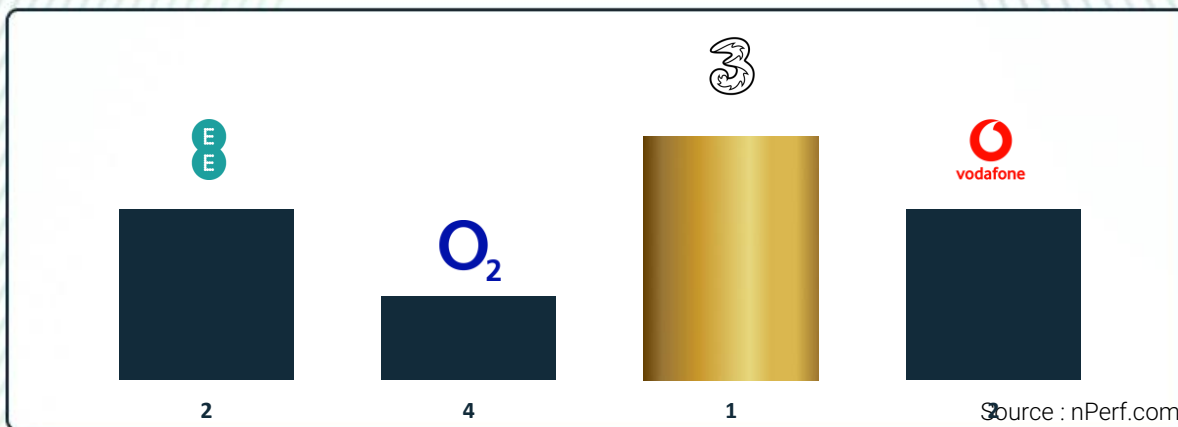
Fastest performances (Upload Speed) 5G: Three

5G connections with the lowest latency: O2 and Three

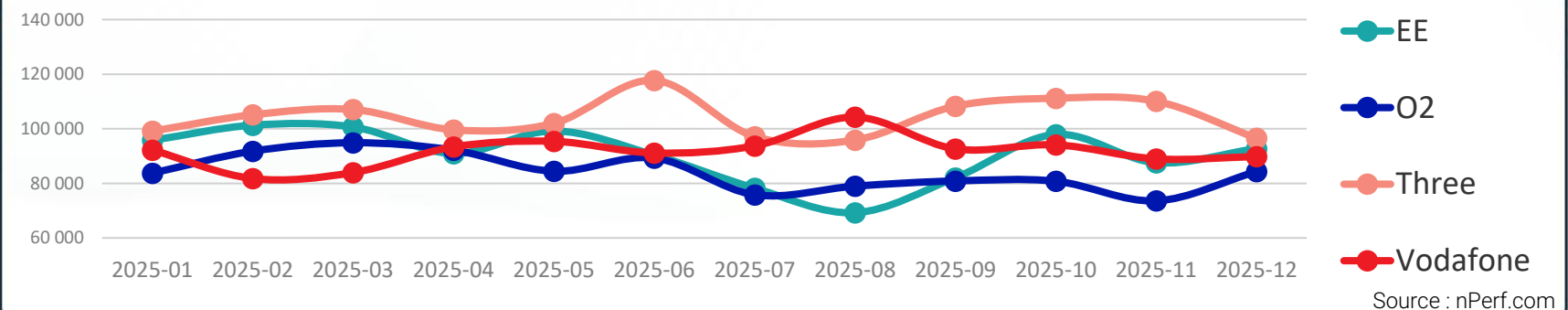
Best web browsing performances 5G: EE, Three and Vodafone

Best streaming performances 5G: Three and Vodafone

Source : nPerf.com



5G evolution over the year (average)

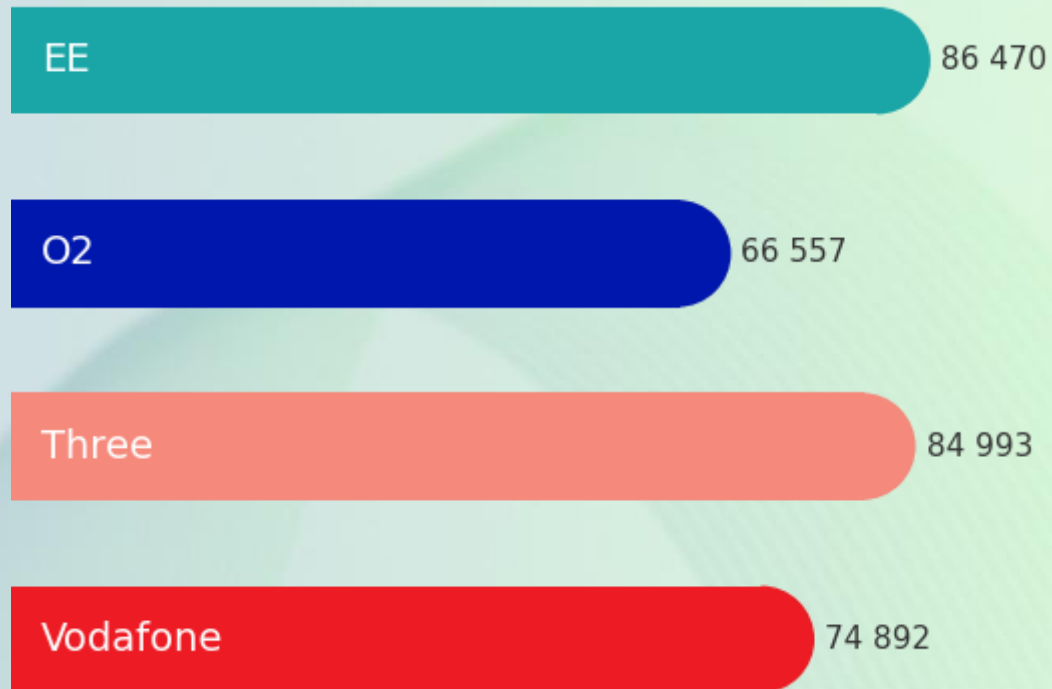




Mobile Internet performance in United Kingdom



nPerf QoE nPerf Score (nPoints)



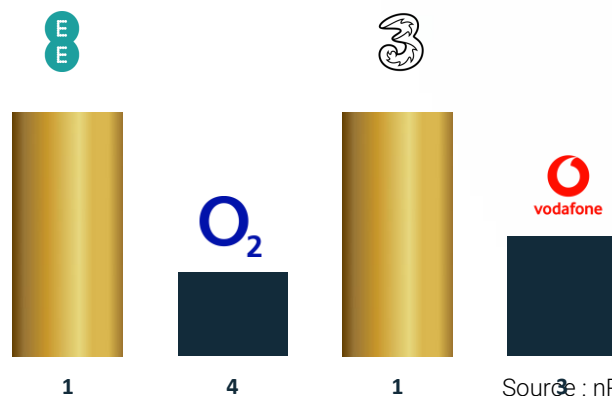
Source : nPerf.com

The subscribers of EE and Three 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.

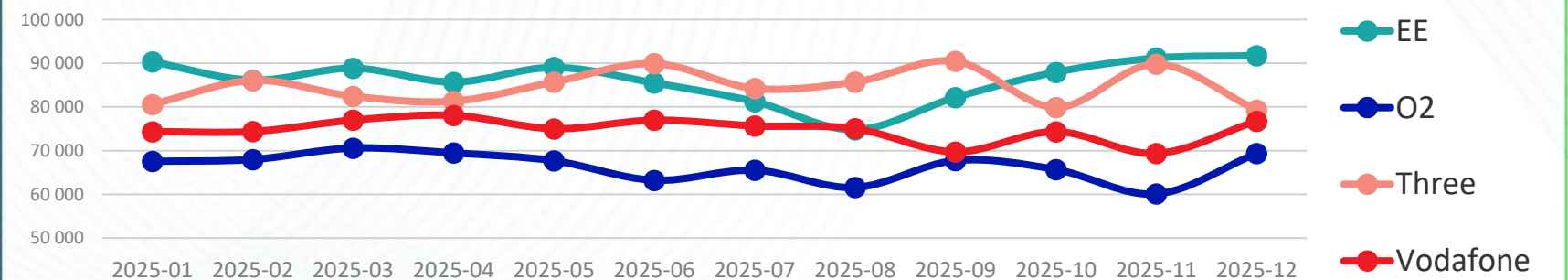
Source : nPerf.com

Best Mobile Internet performance in 2025



Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

