

January 2026



Barometer of mobile Internet connections in Australia

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.



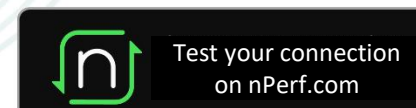
26Md+ coverage
scans in total.



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 Optus enjoyed the best Mobile Internet performances in 2025 in Australia.

Mobile Internet performance in Australia

	Optus	Telstra	Vodafone
▼ Download bitrates (Mb/s)	158.65	93.18	88.68
▲ Upload bitrates (Mb/s)	19.00	12.10	10.44
◀▶ Latency (ms)	47.21	64.89	55.64
🌐 Web browsing (%)	59.23	58.38	59.01
🎥 Youtube streaming (%)	77.87	78.18	77.28
📶 nPerf Score (nPoints)	82 927	71 287	71 274

Source : nPerf.com



Best Mobile Internet performance
in 2025



Source : nPerf.com



1



2



2

Source : nPerf.com

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

Mobile Internet performance in Australia

	Optus	Telstra	Vodafone
 Download bitrates (Mb/s)	231.94	155.51	128.17
 Upload bitrates (Mb/s)	22.10	18.08	8.86
 Latency (ms)	55.22	68.43	81.75
 Web browsing (%)	59.59	60.34	58.74
 Youtube streaming (%)	74.09	80.90	75.88
 nPerf Score (nPoints)	84 025	81 168	70 186

Source : nPerf.com

The Australian mobile Internet sector shows an average score of 75,163 nPoints. Optus leads with 82,927 nPoints and dominates in download speed, upload speed, and latency. The sector is characterized by strong competition on user experience metrics, with all three operators sharing top positions in browsing and video streaming.

Optus: a consolidated leadership position

Optus leads with 82,927 nPoints and dominates download speed with 158.65 Mbps, ideal for HD streaming and fast downloads. The operator achieves the best upload speed (19.0 Mbps), ensuring quality video conferencing and content sharing. With the lowest latency at 47.21 ms, Optus guarantees responsive online gaming and real-time communications. The operator shares first place ex-aequo in browsing (59.23%) and video streaming (77.87%), delivering a balanced user experience.

Telstra: competitive speed performance

Telstra ranks second with 71,287 nPoints and achieves solid download speed performance at 93.18 Mbps (2nd place). The operator secures second place in upload speed with 12.10 Mbps, supporting efficient content uploads. Telstra shares first place ex-aequo with competitors in

browsing (58.38%) and video streaming (78.18%).

Vodafone: optimal latency

Vodafone ranks third with 71,274 nPoints and displays competitive latency at 55.64 ms (2nd place), ensuring responsive online interactions. The operator shares first place ex-aequo in browsing (59.01%) and video streaming (77.28%).

Optus consolidates its leadership with balanced performance across all indicators. The sector demonstrates strong competition on user experience metrics, with all operators delivering quality browsing and streaming services. Australian users benefit from high-performance mobile networks, particularly for streaming content 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

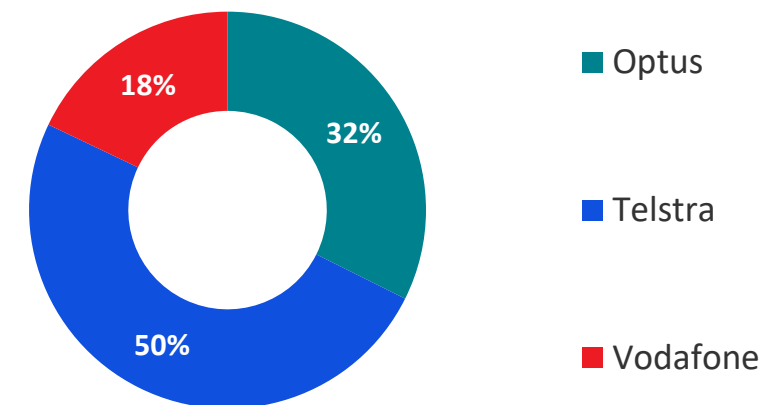
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 1.5% 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)



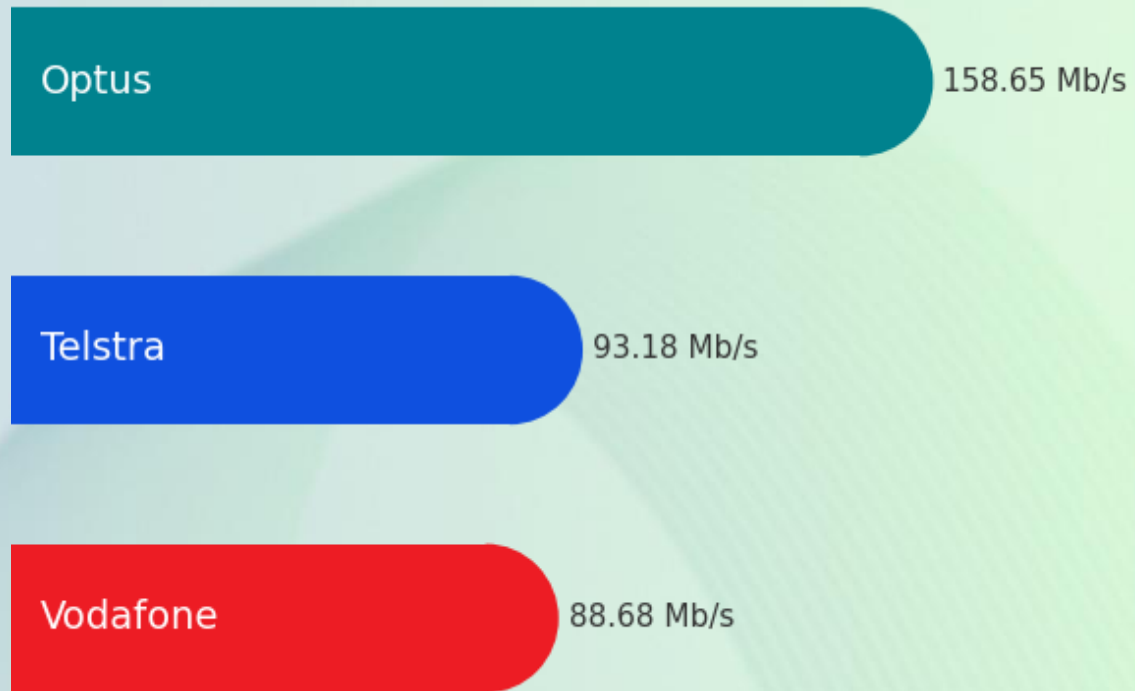
Source : nPerf.com



Download Speed



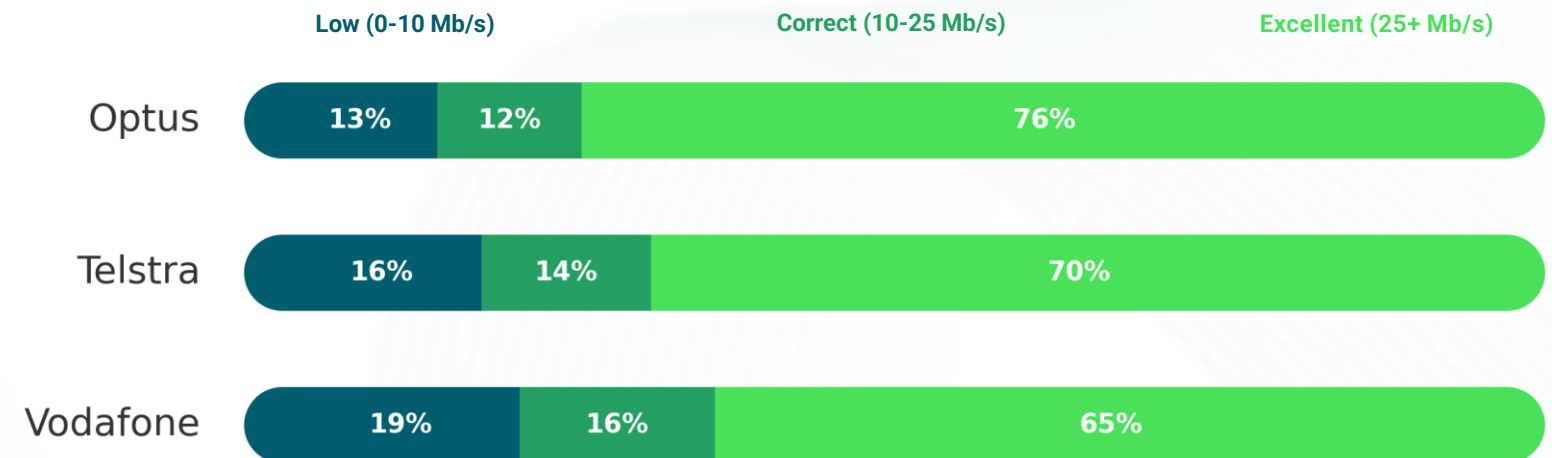
Download Speed (average)



Source : nPerf.com

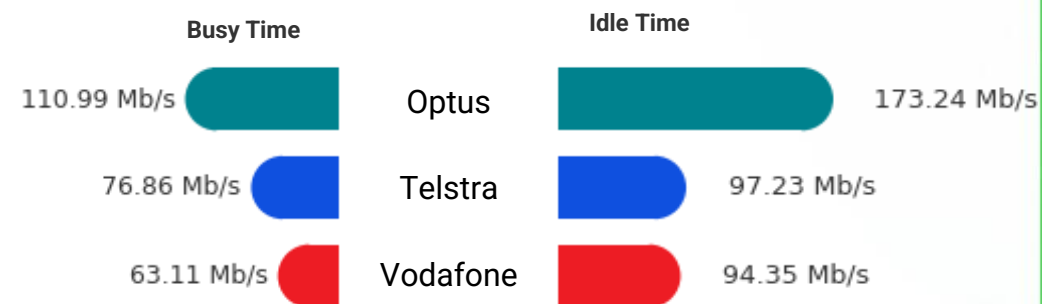
The subscribers of Optus enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)



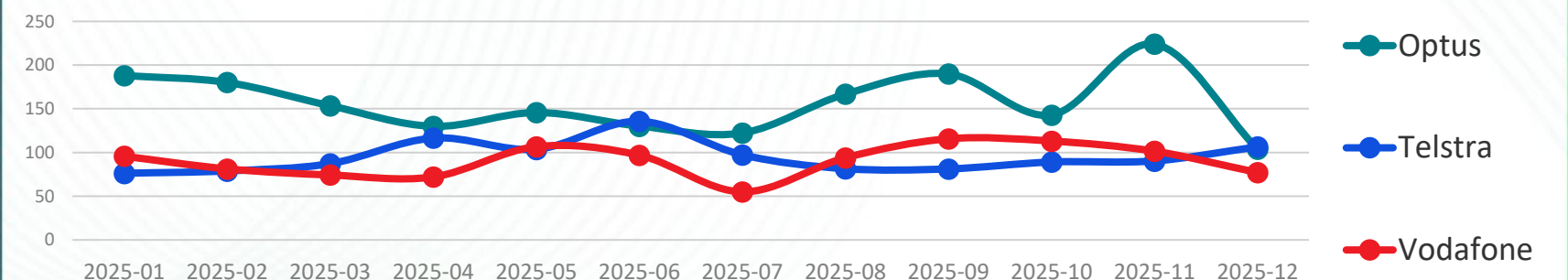
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



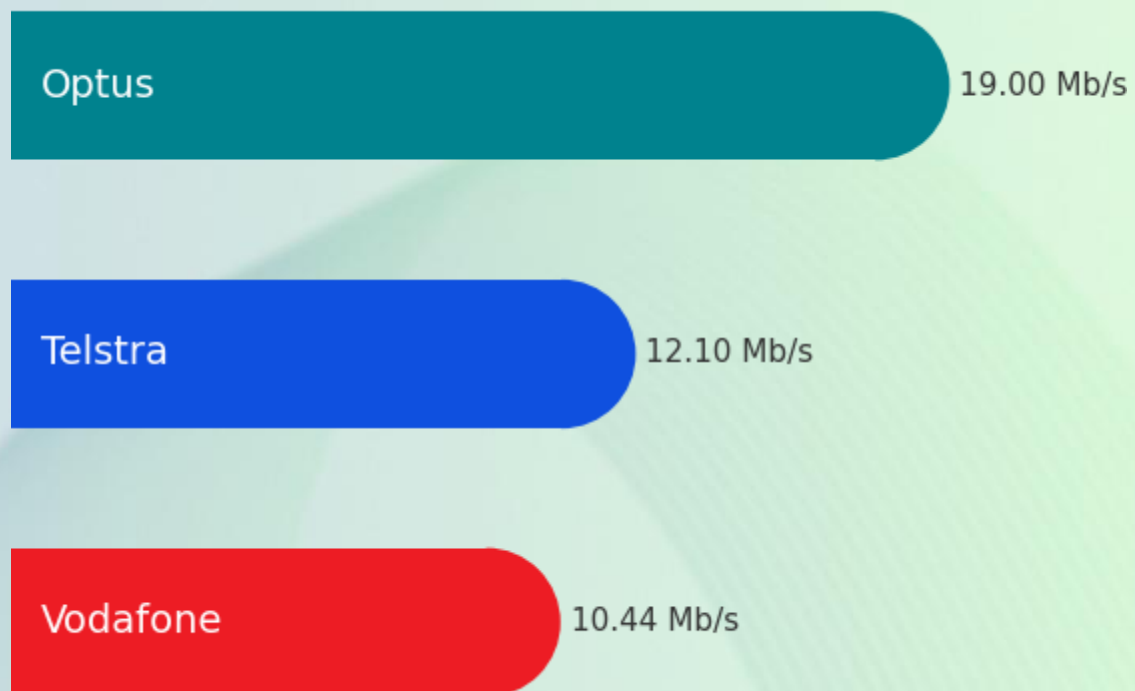
Source : nPerf.com



Upload Speed



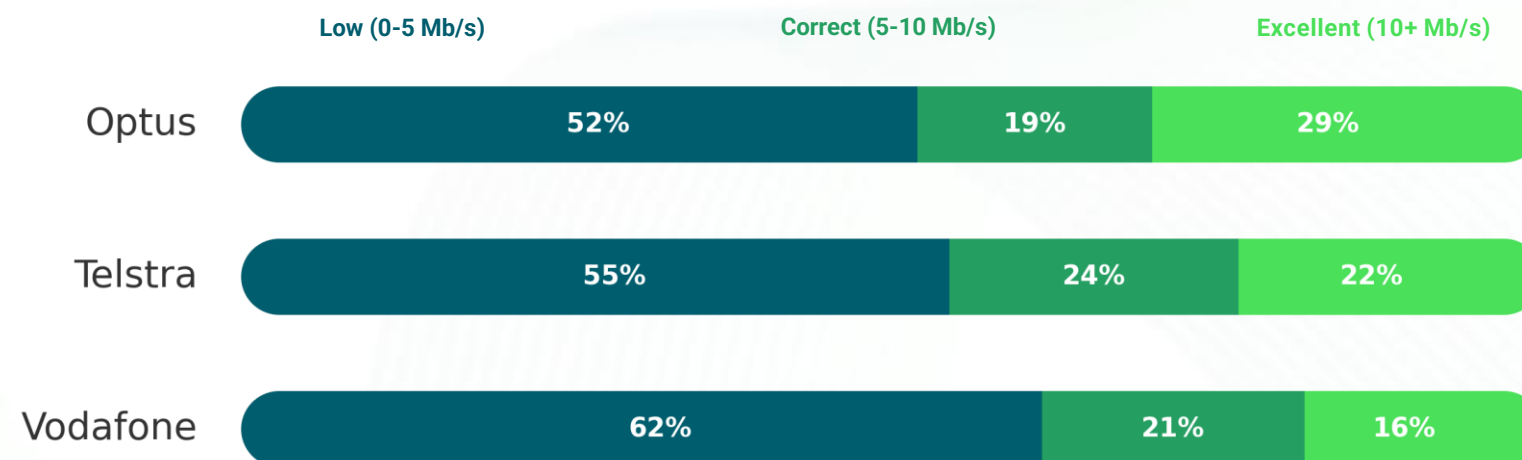
Upload Speed (average)



Source : nPerf.com

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

Upload Speed results ventilation (average)



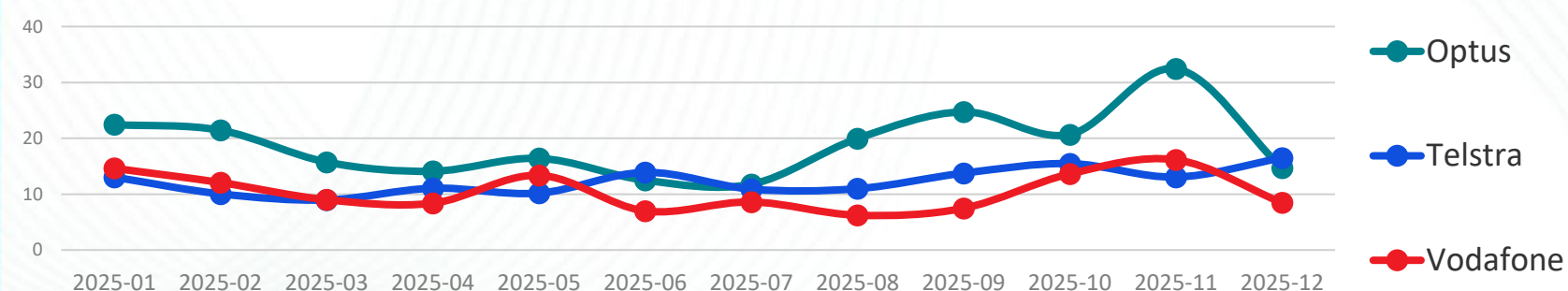
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

Upload Speed evolution over the year (average)



Source : nPerf.com



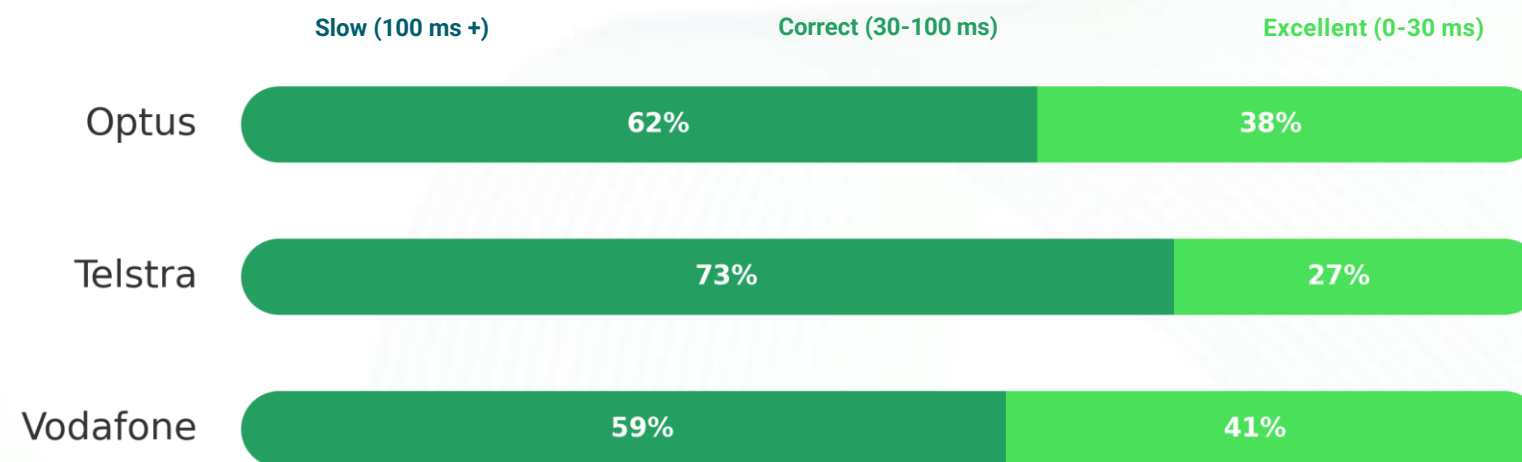
Latency (average)



Source : nPerf.com

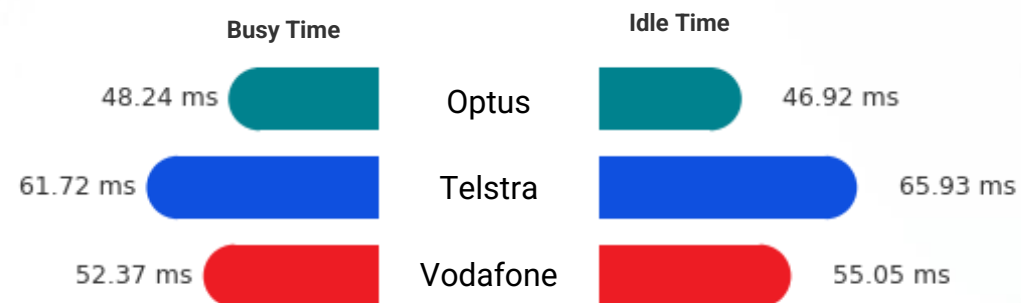
The subscribers of Optus enjoyed the best Mobile Internet Latency in 2025.

Latency results ventilation (average)



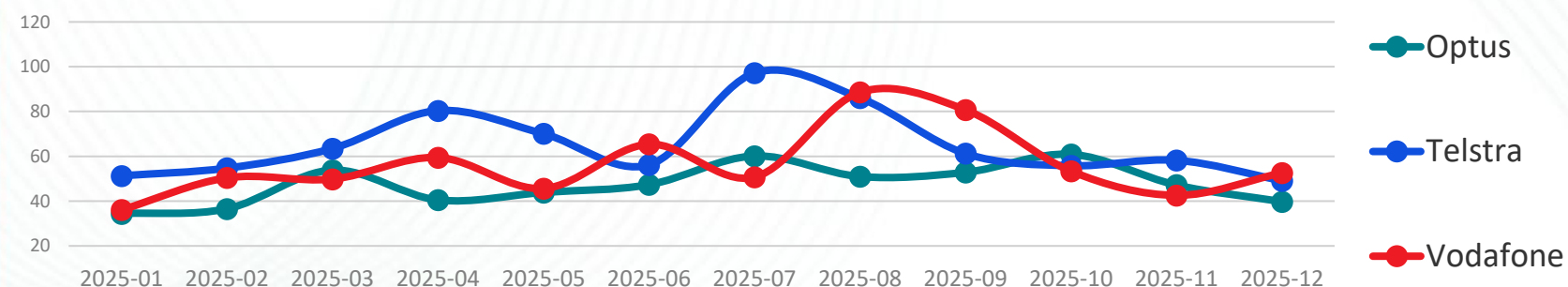
Source : nPerf.com

Latency (average)



Source : nPerf.com

Latency evolution over the year (average)



Source : nPerf.com



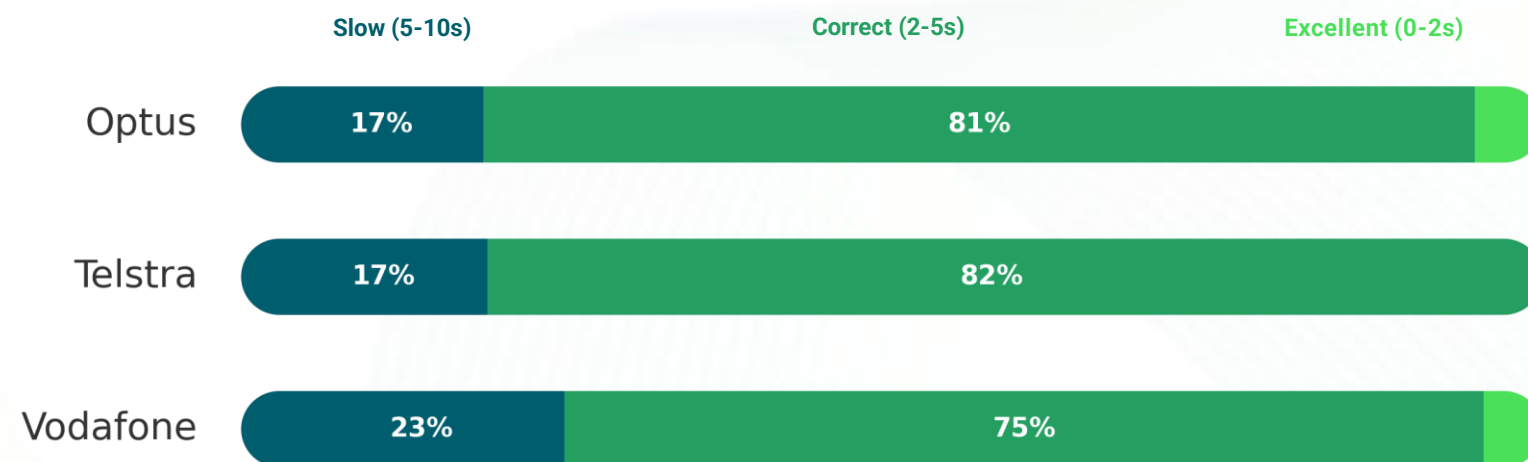
Browsing Performance (average)



Source : nPerf.com

The subscribers of Optus, Telstra and Vodafone enjoyed the best Mobile Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



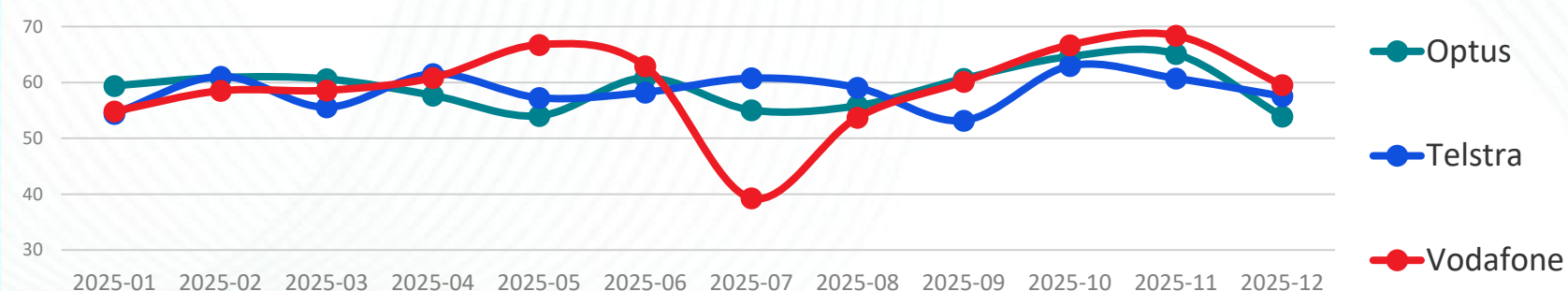
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



Source : nPerf.com



Streaming Performance



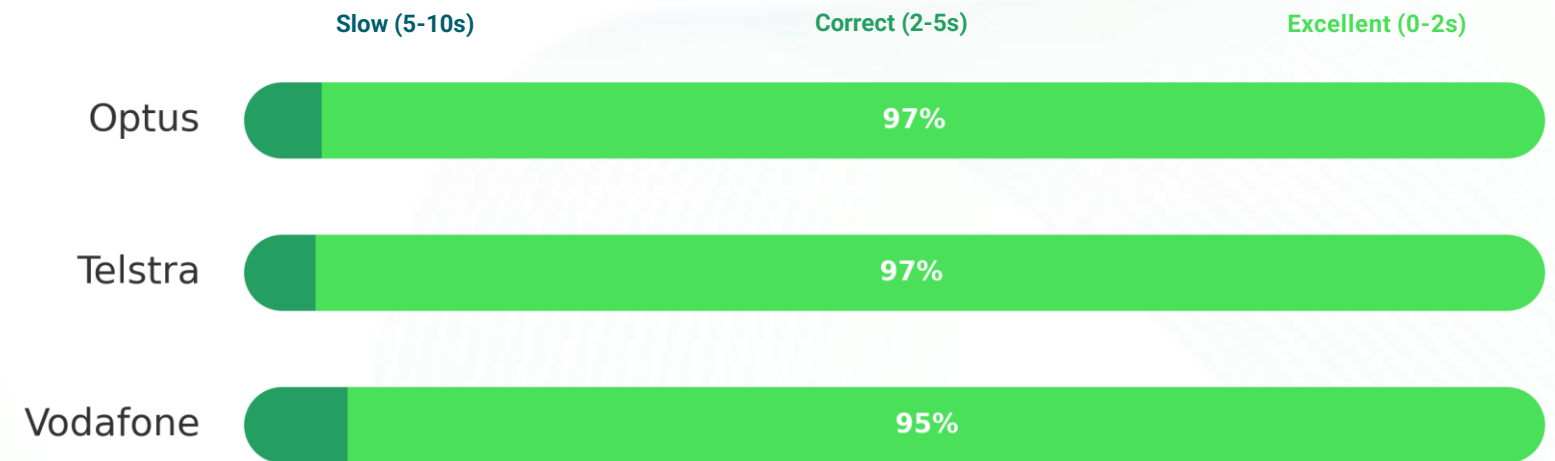
Streaming Performance (average)



Source : nPerf.com

The subscribers of Optus, Telstra and Vodafone enjoyed the best Mobile Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



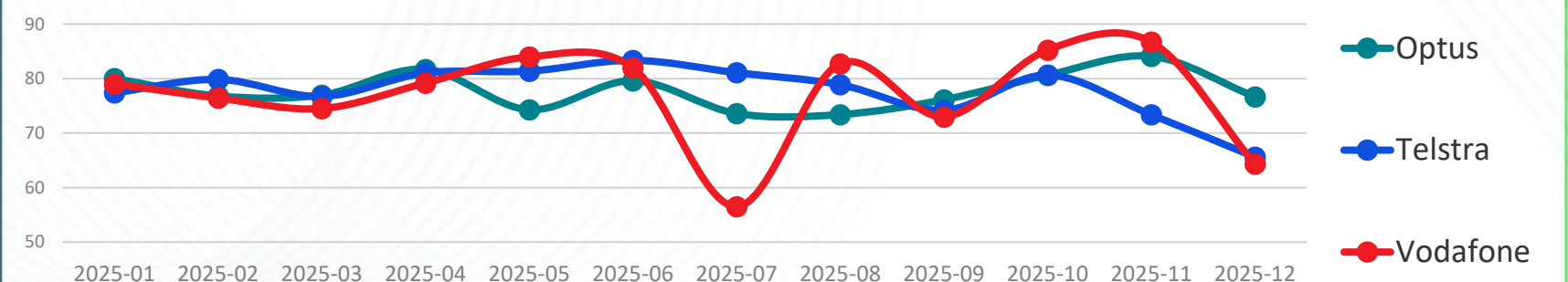
Source : nPerf.com

Streaming Performance (average)



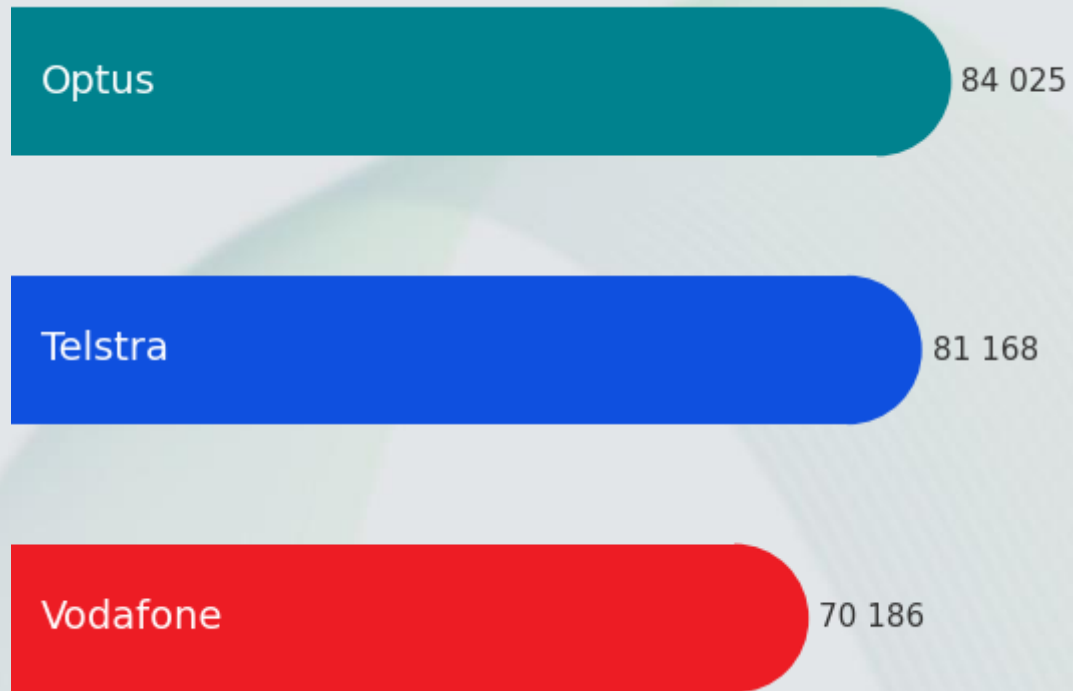
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

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

Best performances 5G: Optus

Fastest performances (Download Speed) 5G: Optus

Fastest performances (Upload Speed) 5G: Optus

5G connections with the lowest latency: Optus

Best web browsing performances 5G: Optus, Telstra and Vodafone

Best streaming performances 5G: Telstra

Source : nPerf.com

OPTUS



1

T



2

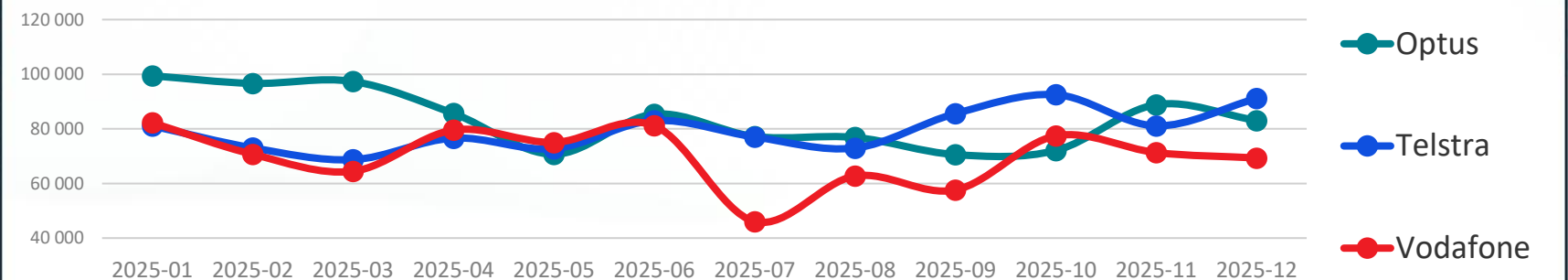
vodafone



3

Source : nPerf.com

5G evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Optus 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

OPTUS

Best Mobile Internet performance in 2025



OPTUS



1

T



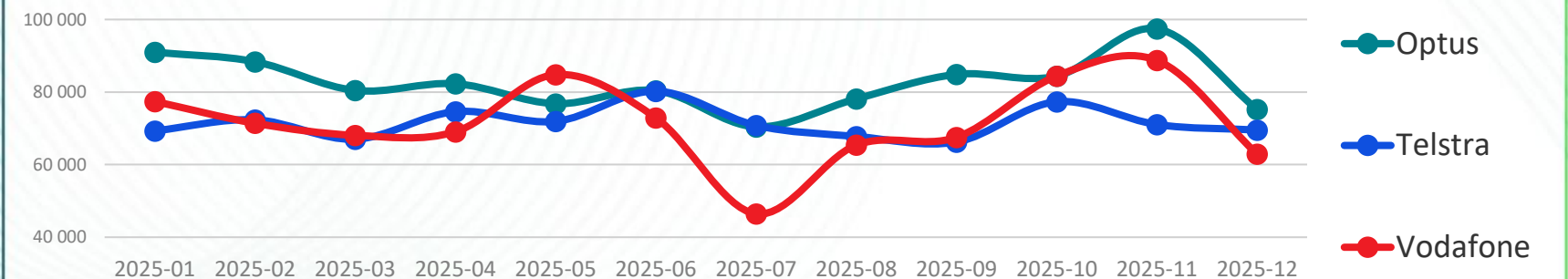
2

vodafone



Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

