

July 2026



Barometer of mobile Internet connections in Malaysia

07/01/2025 - 06/30/2026



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**nPerf Network
assessment**

1. Introducing nPerf



An independent authority in network performance

nPerf is an independent French Internet performance measurement platform, powered by real user experience. By turning millions of individual measurements into connectivity insights, nPerf helps operators enhance their networks and contributes to building a faster, more reliable Internet for everyone.

 **300k+** tests daily
worldwide.

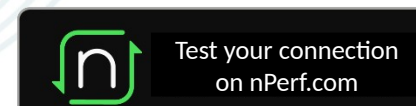
 **26Md+** coverage
scans in total.

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

A comprehensive suite of tools to measure real-world connectivity

nPerf provides a complete ecosystem of complete measurement tools designed to capture the true quality of fixed, mobile, and Wi-Fi connections with precision, reaching speeds of up to 10 Gbps.

Users test. Operators learn. Everyone benefits.



2. Executive Summary



The subscribers of U enjoyed the best Mobile Internet performances in 2026 in Malaysia.

Mobile Internet performance in Malaysia

	CelcomDigi	Maxis	U	Yes
▼ Download bitrates (Mb/s)	80.15	83.91	145.55	138.25
▲ Upload bitrates (Mb/s)	18.48	18.07	23.76	21.13
◀▶ Latency (ms)	41.86	37.54	39.62	41.36
🌐 Web browsing (%)	63.97	64.32	64.44	62.31
📺 Youtube streaming (%)	71.58	73.13	74.36	71.90
📊 nPerf Score (nPoints)	75 930	78 707	86 308	81 777

Source : nPerf.com

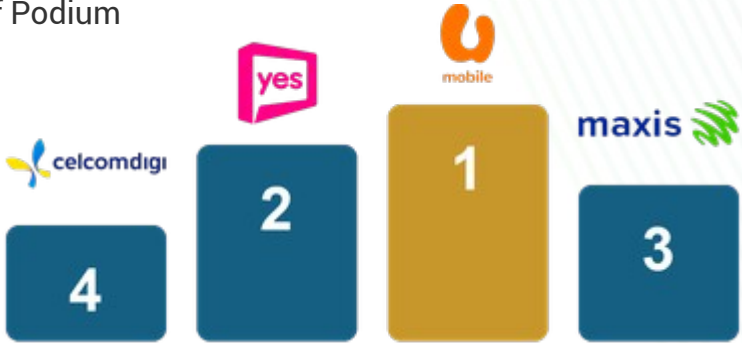


Best Mobile Internet performance in 2026



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of U enjoyed the best 5G Internet in 2026 in Malaysia.

Mobile Internet performance in Malaysia

	CelcomDigi	Maxis	U	Yes
▼ Download bitrates (Mb/s)	158.70	181.67	297.18	229.18
▲ Upload bitrates (Mb/s)	34.69	33.63	42.67	34.29
◀▶ Latency (ms)	29.85	29.15	29.99	34.47
🌐 Web browsing (%)	70.79	70.50	71.79	72.92
🎬 Youtube streaming (%)	76.95	78.83	82.23	81.71
 nPerf Score (nPoints)	98 988	101 800	111 987	105 883

Source : nPerf.com

3. Analysis



Based on nPerf's measurements collected between July 2025 and June 2026, this edition of the Malaysia mobile Internet barometer reveals a competitive yet clearly stratified landscape among the country's four major operators. U Mobile consolidates its leadership position with the strongest overall and 5G performance, followed by Yes, Maxis, and CelcomDigi. While gaps remain visible across key indicators, the 5G segment shows a particularly dynamic field where differentiation becomes sharper. Here is what our data tells us about each operator's standing.

U Mobile: Undisputed Leader Across the Board

U Mobile tops the nPerf ranking for the July 2025–June 2026 period with the highest overall score of 86,308, reaffirming a leadership trajectory that has been building steadily in recent barometer editions. The operator leads overall on Download speed (Mb/s) at 145.55 Mb/s, Upload speed (Mb/s) at 23.76 Mb/s, Web Browsing (%) at 64.44%, and Youtube streaming (%) at 74.36%. On the 5G segment, U Mobile's dominance is even more pronounced, achieving the top score of 111,987 with best-in-class results across every single KPI measured: Download speed (Mb/s) at 297.18 Mb/s, Upload speed (Mb/s) at 42.67 Mb/s, Latency (ms) at 29.99 ms, Web Browsing (%) at 71.79%, and Youtube streaming (%) at 82.23%. This across-the-board 5G sweep is a strong signal of a maturing and well-invested network infrastructure.

Yes: Strong 5G Credentials, Solid Second Place

Yes secures second position in the overall ranking with a score of 81,777, demonstrating consistent performance that reflects the operator's ongoing network development efforts. On the 5G segment, Yes records a score of 105,883, achieving first-place results for Web Browsing (%) at 72.92% and Youtube streaming (%) at 81.71% — outperforming all competitors on these usage-centric metrics. Its 5G Download speed (Mb/s) reaches 229.18 Mb/s, placing it second in this category. These results highlight Yes's ability to deliver a high-quality end-user experience on 5G, particularly for content consumption.

Maxis: Latency Champion with a Broad Quality Footprint

Maxis ranks third overall with a score of 78,707, but stands out for its multi-KPI leadership across both segments. Overall, Maxis leads on Latency (ms) at 37.54 ms — the best among all operators — as well as on Web Browsing (%) at 64.32% and Youtube streaming (%) at 73.13%, sharing the top spot with CelcomDigi on the former two metrics. On 5G, Maxis records a score of 101,800 and also leads on Latency (ms) at 29.15 ms — the lowest in the 5G category — underlining the network's responsiveness. These results are consistent with Maxis's historical positioning as a quality-first operator.

CelcomDigi: Competitive Latency and Browsing, Chasing the Top Tier

CelcomDigi places fourth overall with a score of 75,930, but its data reveals targeted strengths worth noting. Overall, the operator is among the leaders on Web Browsing (%) at 63.97%, tying for first place in this category alongside Maxis. On 5G, CelcomDigi achieves a score of 98,988 and ranks first — jointly with Maxis — on Latency (ms) at 29.85 ms, and also leads on Web Browsing (%) at 70.79%. Its 5G Upload speed (Mb/s) of 34.69 Mb/s ties for second place. These results reflect the ongoing network integration efforts following the CelcomDigi merger, with measurable gains in responsiveness and browsing quality.

What to Watch: The Road to the Next Barometer

The Malaysian mobile sector heading into the next measurement period remains highly competitive, particularly in the 5G segment where scores are converging. U Mobile will need to maintain its investment pace to preserve its leadership across all KPIs — any slowdown in network rollout could allow challengers to close the gap on download and upload speeds. Yes should focus on improving its overall Latency (ms) performance, which sits at 41.36 ms overall — the weakest of the four operators — to strengthen its all-round profile. Maxis has a strong foundation in latency and streaming but will need to address its download speeds, which trail U Mobile and Yes significantly both overall (83.91 Mb/s) and on 5G (181.67 Mb/s), to climb back up in the rankings. Finally, CelcomDigi shows encouraging signs of network convergence post-merger, but must close the gap on download and upload throughput — both overall and on 5G — to translate its latency and browsing strengths into a higher composite score in the next edition.

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

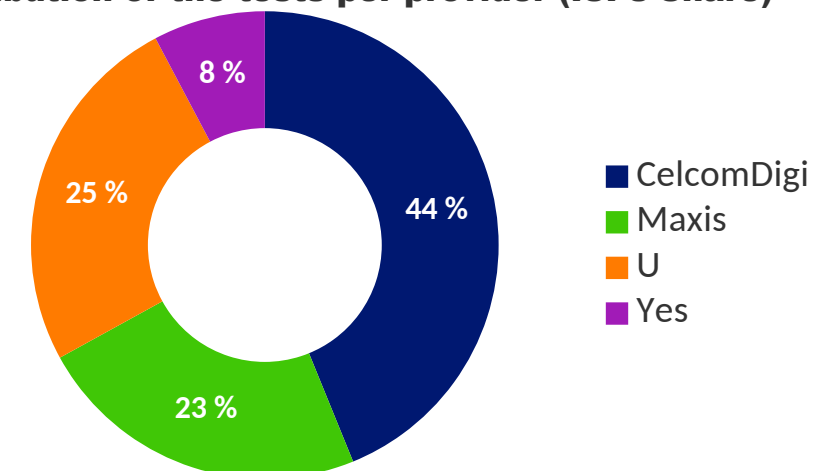
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 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)

CelcomDigi 80.15 Mb/s

Maxis 83.91 Mb/s

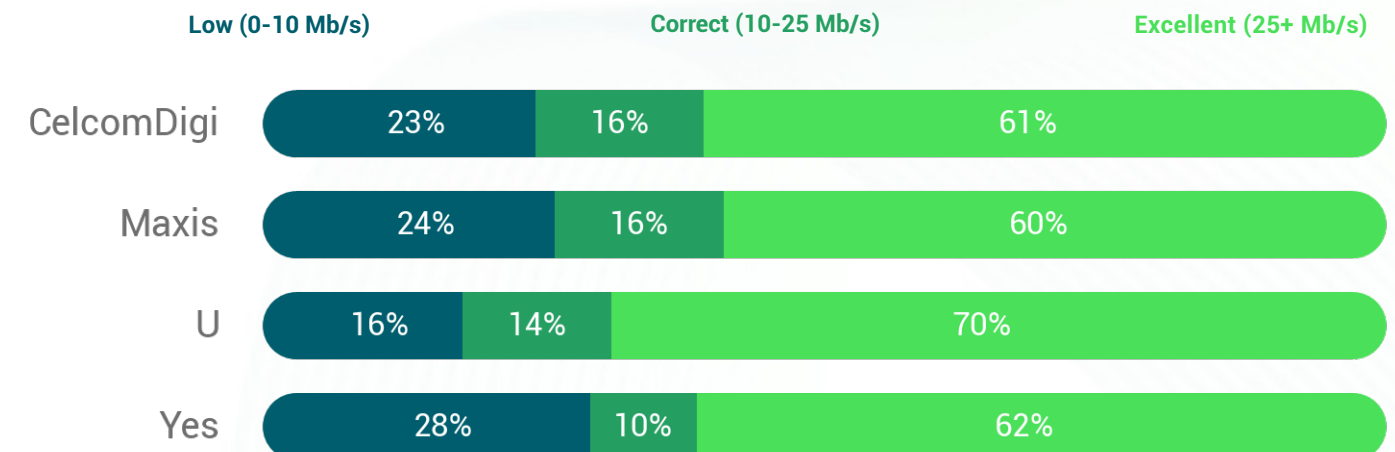
U 145.55 Mb/s

Yes 138.25 Mb/s

Source : nPerf.com

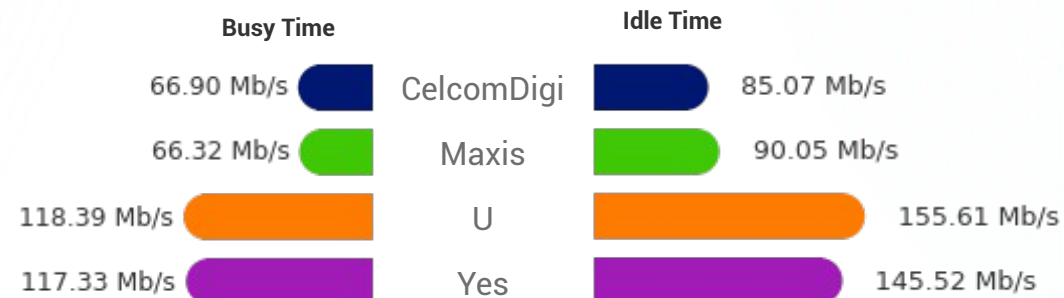
The subscribers of U enjoyed the best Mobile Internet Download Speed in 2026.

Download Speed results distribution (average)



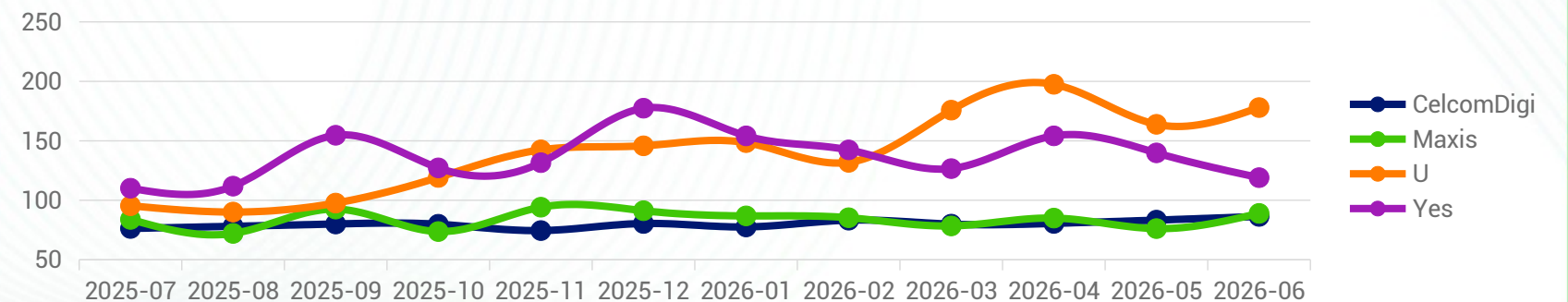
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



Source : nPerf.com



Upload Speed



Upload Speed (average)

CelcomDigi

18.48 Mb/s

Maxis

18.07 Mb/s

U

23.76 Mb/s

Yes

21.13 Mb/s

Source : nPerf.com

The subscribers of U enjoyed the best Mobile Internet Upload Speed in 2026.

Upload Speed results distribution (average)

Low (0-5 Mb/s)

Correct (5-10 Mb/s)

Excellent (10+ Mb/s)

CelcomDigi

44%

24%

32%

Maxis

45%

24%

31%

U

38%

24%

38%

Yes

49%

14%

36%

Source : nPerf.com

Upload Speed (average)

Busy Time

16.11 Mb/s

CelcomDigi

Idle Time

19.37 Mb/s

15.66 Mb/s

Maxis

18.91 Mb/s

21.01 Mb/s

U

24.78 Mb/s

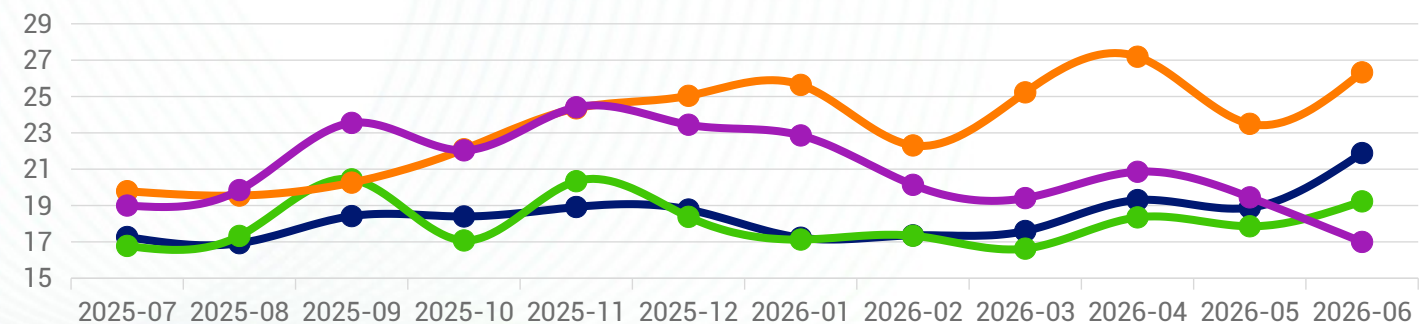
19.42 Mb/s

Yes

21.72 Mb/s

Source : nPerf.com

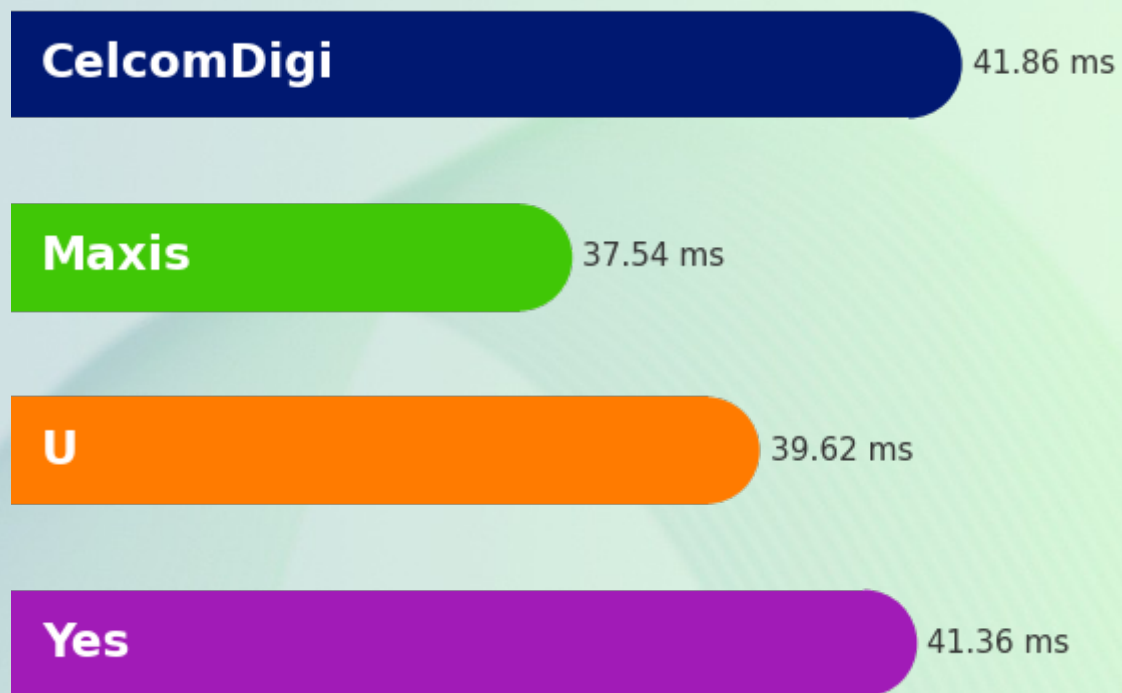
Upload Speed evolution over the year (average)



Source : nPerf.com



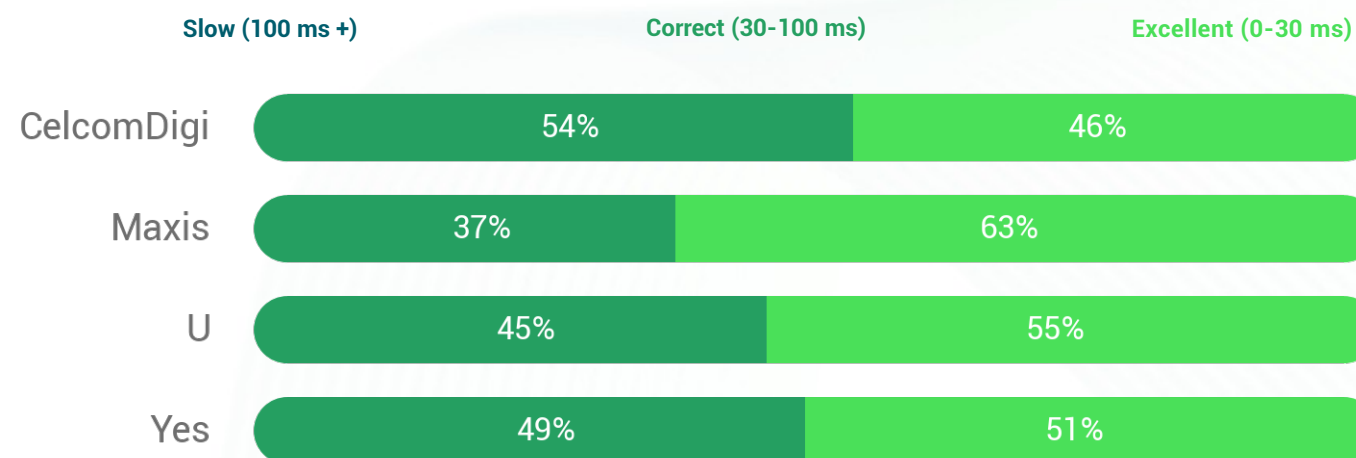
Latency (average)



Source : nPerf.com

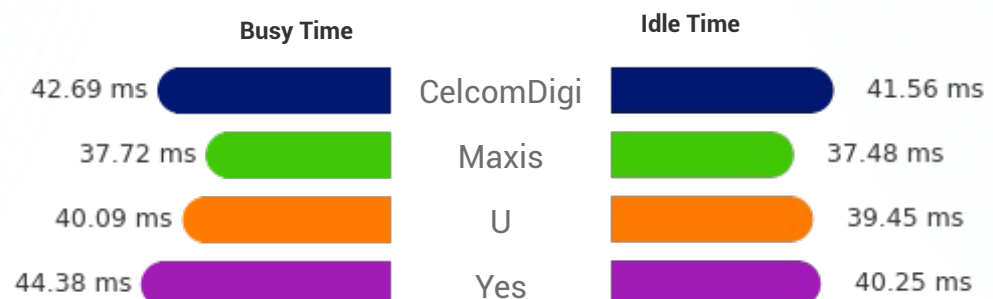
The subscribers of Maxis enjoyed the best Mobile Internet Latency in 2026.

Latency results distribution (average)



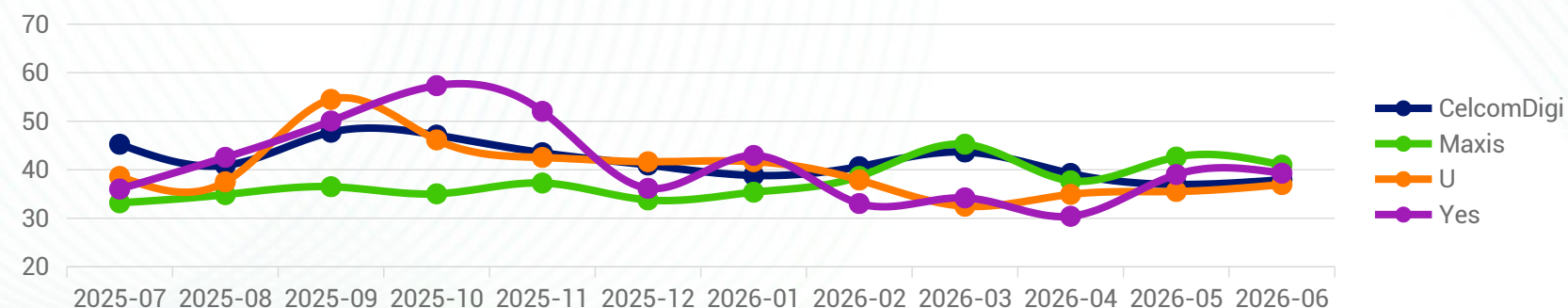
Source : nPerf.com

Latency (average)



Source : nPerf.com

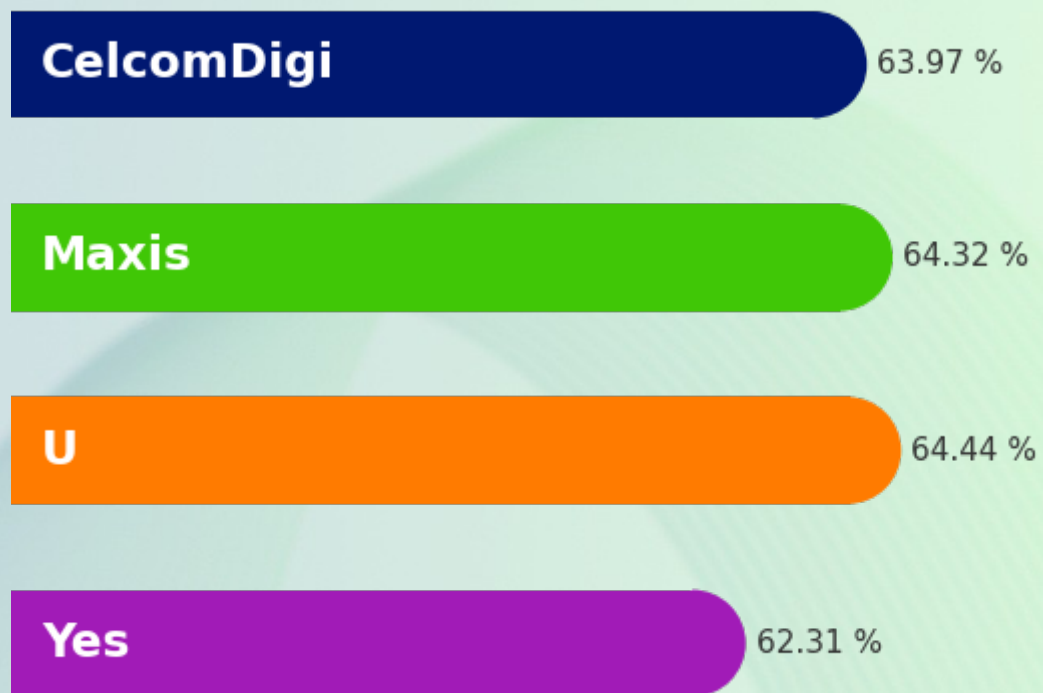
Latency evolution over the year (average)



Source : nPerf.com



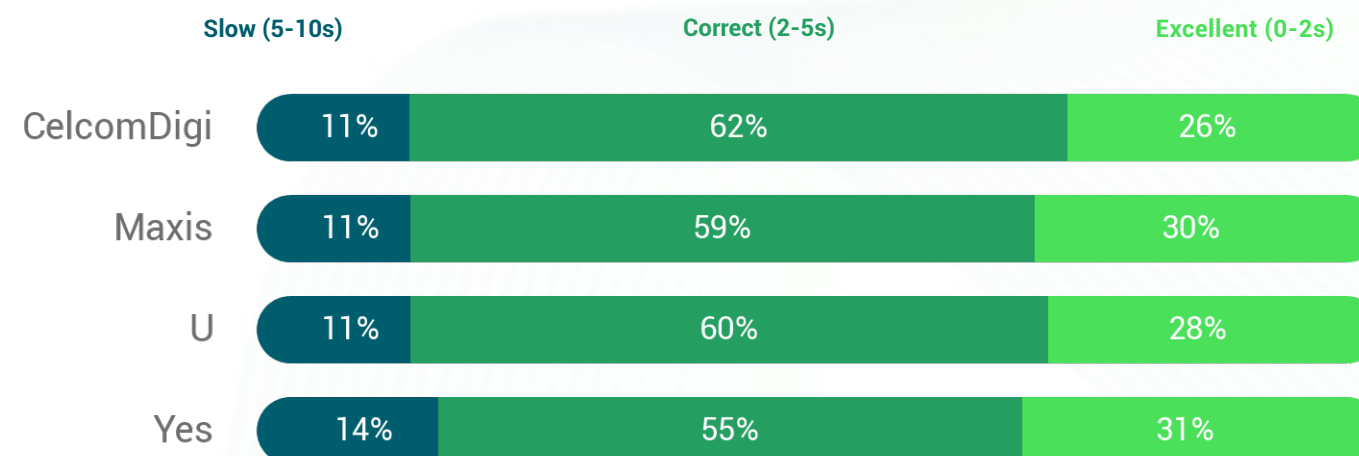
Browsing Performance (average)



Source : nPerf.com

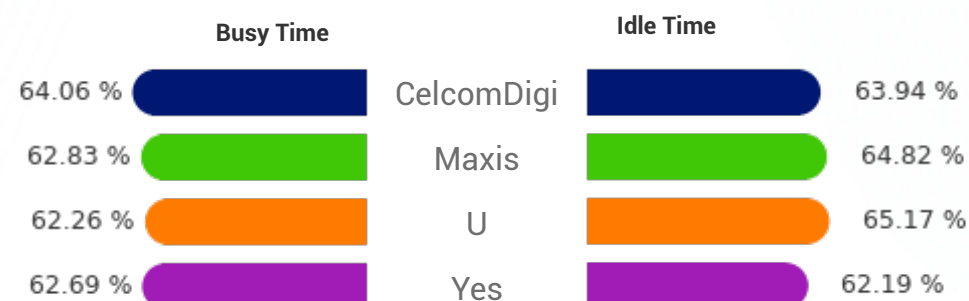
The subscribers of CelcomDigi, Maxis and U enjoyed the best Mobile Internet Browsing Performance in 2026.

Browsing Performance results distribution (average)



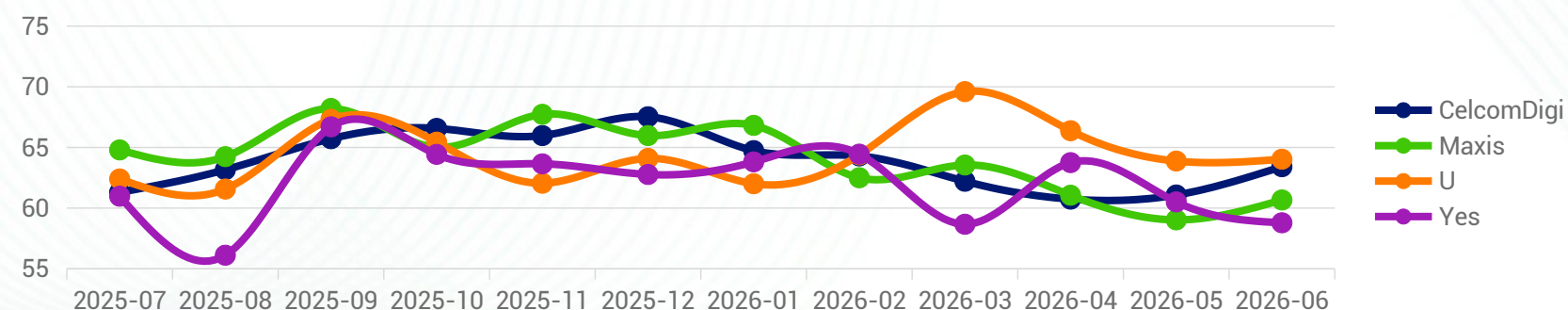
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



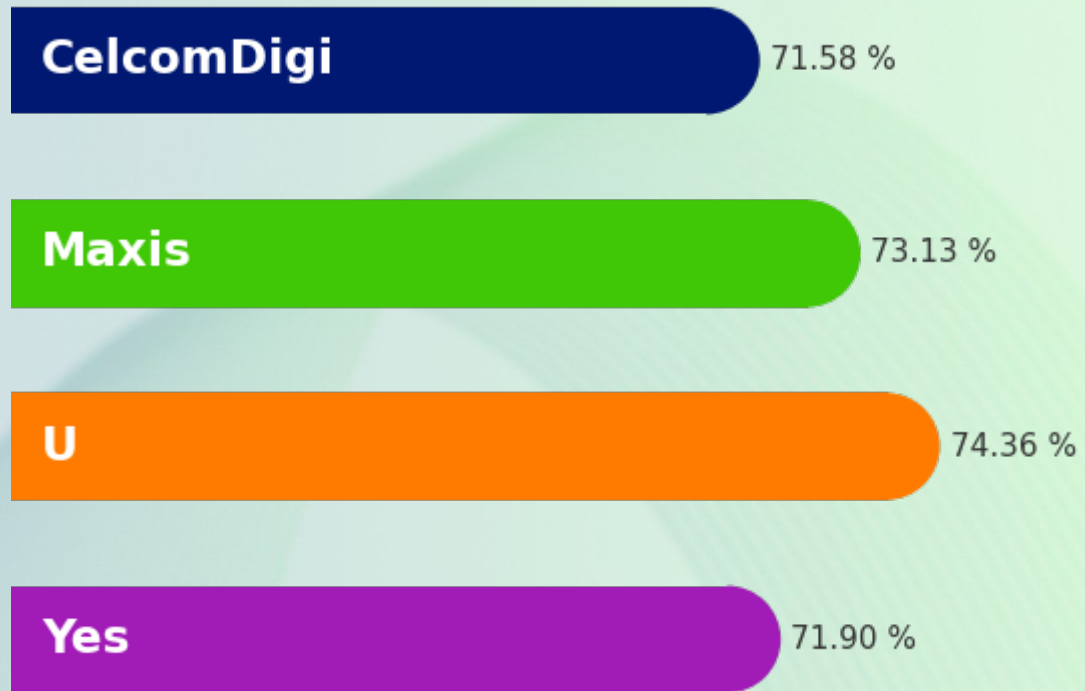
Source : nPerf.com



Streaming Performance



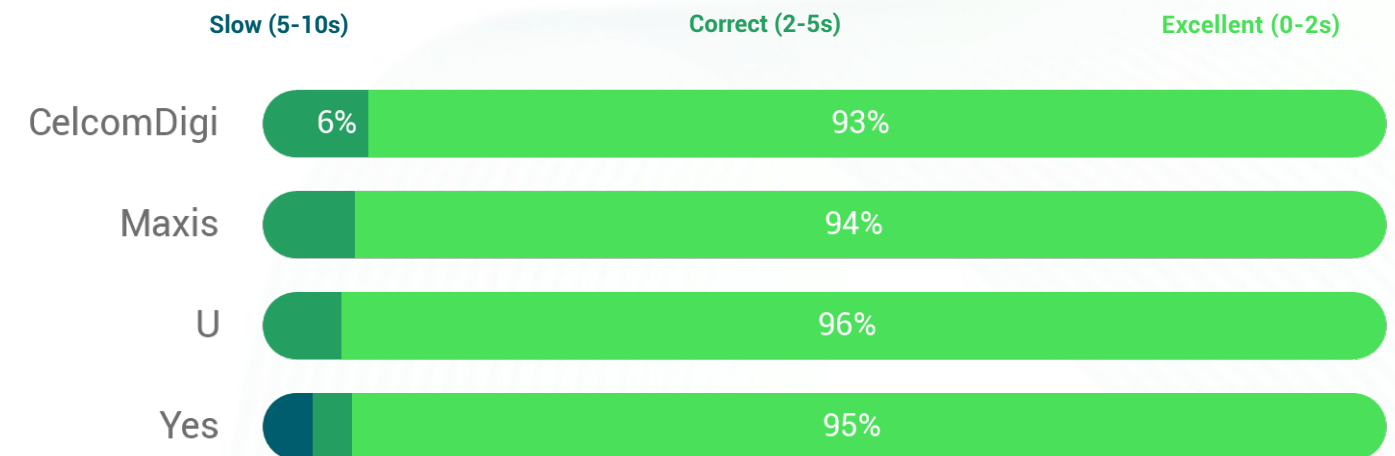
Streaming Performance (average)



Source : nPerf.com

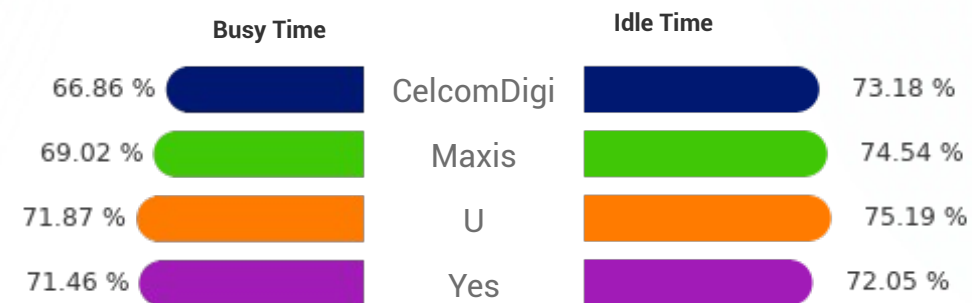
The subscribers of Maxis and U enjoyed the best Mobile Internet Streaming Performance in 2026.

Streaming Performance results distribution (average)



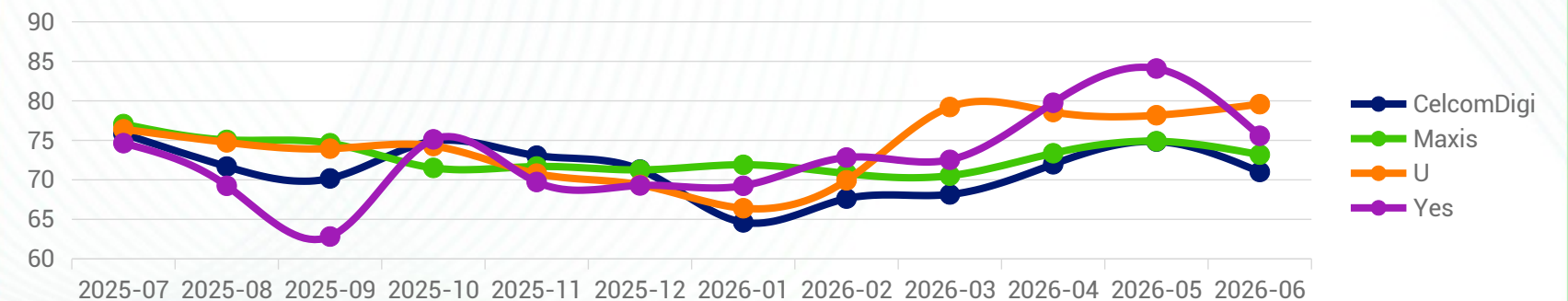
Source : nPerf.com

Streaming Performance (average)



Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)

CelcomDigi

98 988

Maxis

101 800

U

111 987

Yes

105 883

Source : nPerf.com

The subscribers of U enjoyed the best 5G Internet in 2026.

Best performances 5G: U

Fastest performances (Download Speed) 5G: U

Fastest performances (Upload Speed) 5G: U

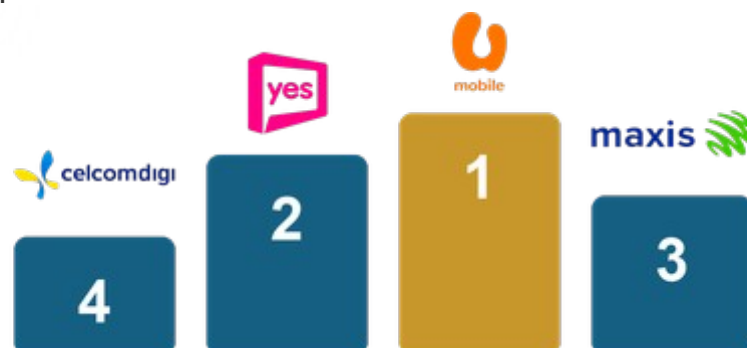
5G connections with the lowest latency: CelcomDigi, Maxis and U

Best web browsing performances 5G: CelcomDigi, U and Yes

Best streaming performances 5G: U and Yes

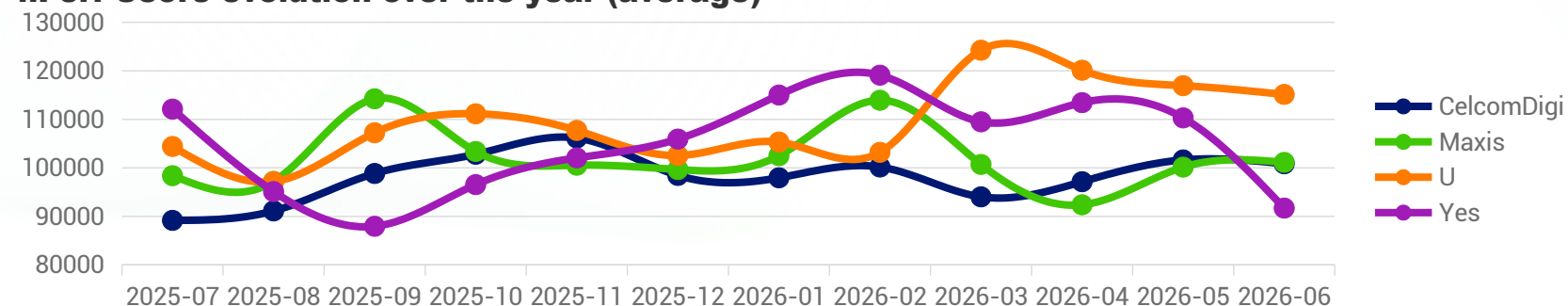
Source : nPerf.com

nPerf Podium



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)

CelcomDigi

75 930

Maxis

78 707

U

86 308

Yes

81 777

Source : nPerf.com

The subscribers of U enjoyed the best Mobile Internet performances in 2026.

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 2026



4

2



1

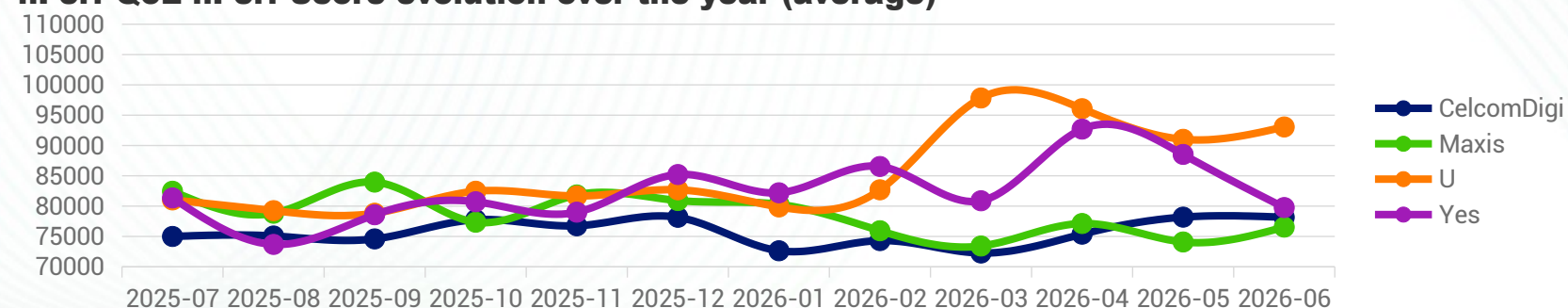


3

nPerf Podium

Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

