

July 2026



Barometer of mobile Internet connections in Japan

07/01/2025 - 06/30/2026



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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.

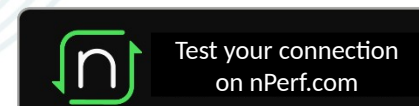
 **26Md+** coverage
scans in total.

 **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 Y! enjoyed the best Mobile Internet performances in 2026 in Japan.

Mobile Internet performance in Japan

	au	NTT DoCoMo	Rakuten	Y!
▼ Download bitrates (Mb/s)	66.26	56.16	46.22	67.04
▲ Upload bitrates (Mb/s)	11.02	8.91	18.28	12.37
◀▶ Latency (ms)	100.66	93.40	137.35	62.20
🌐 Web browsing (%)	62.86	59.59	63.39	64.44
📺 Youtube streaming (%)	75.22	70.40	76.69	76.78
🏆 nPerf Score (nPoints)	64 599	58 488	62 693	70 578

Source : nPerf.com

Y!mobile

Best Mobile Internet performance in 2026



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Y! enjoyed the best 5G Internet in 2026 in Japan.

Mobile Internet performance in Japan

	au	NTT DoCoMo	Rakuten	<u>Y!</u>
 Download bitrates (Mb/s)	129.89	107.41	105.19	122.78
 Upload bitrates (Mb/s)	18.36	15.15	31.82	22.38
 Latency (ms)	100.48	92.17	149.57	64.75
 Web browsing (%)	67.16	65.33	67.73	68.91
 Youtube streaming (%)	80.27	78.42	78.12	82.05
 nPerf Score (nPoints)	79 738	75 087	77 495	85 742

Source : nPerf.com

For the 2026 nPerf barometer, Japan's mobile network landscape reveals a fiercely competitive sector where four major operators battle across key performance indicators. Y! Mobile leads the overall rankings, followed closely by au and Rakuten, while NTT DoCoMo trails behind. This analysis highlights distinct strengths and weaknesses across Download speed (Mb/s), Upload speed (Mb/s), Latency (ms), Web Browsing (%), and Youtube streaming (%), both overall and on 5G networks.

Y! Mobile: Japan's Top Mobile Performer

Y! Mobile consolidates its position at the top of the nPerf barometer in Japan for the 2026 period, building on its historically strong quality-of-service reputation. Overall, Y! records the highest nPerf score with 70,578 points, leading on Latency (ms) at 62.20 ms, Download speed (Mb/s) at 67.04 Mb/s, Web Browsing (%) at 64.44%, and Youtube streaming (%) at 76.78%. On 5G specifically, Y! reaches a score of 85,742 points, claiming first place on Latency (ms) at 64.75 ms, Web Browsing (%) at 68.91%, and Youtube streaming (%) at 82.05%, with a strong second position on 5G Download speed (Mb/s) at 122.78 Mb/s.

au: Impressive Download Speeds Across the Board

au has consistently demonstrated strong raw throughput performance in recent nPerf cycles, and the 2026 barometer confirms this trend. Overall, au ranks second with a score of 64,599 points, leading on Download speed (Mb/s) at 66.26 Mb/s, Web Browsing (%) at 62.86%, and Youtube streaming (%) at 75.22%. On 5G, au achieves 79,738 points and claims the top position for 5G Download speed (Mb/s) at an impressive 129.89 Mb/s, while also ranking first in Web Browsing (%) at 67.16% and Youtube streaming (%) at 80.27%.

Rakuten: A Challenger with Remarkable Upload Capabilities

Since its commercial launch, Rakuten Mobile has progressively improved its network quality, and the 2026 results confirm its growing maturity.

Overall, Rakuten scores 62,693 points, ranking first on Upload speed (Mb/s) — a standout 18.28 Mb/s — as well as Web Browsing (%) at 63.39% and Youtube streaming (%) at 76.69%. On 5G, Rakuten posts 77,495 points with a dominant first place on 5G Upload speed (Mb/s) at 31.82 Mb/s, and strong Web Browsing (%) performance at 67.73%. However, Rakuten's Latency (ms) remains its most significant weakness, recording the highest values both overall (137.35 ms) and on 5G (149.57 ms).

NTT DoCoMo: Solid Coverage but Room to Improve

NTT DoCoMo, Japan's largest operator by subscriber base, has historically been synonymous with nationwide coverage and reliability. However, the 2026 nPerf barometer places it fourth overall with a score of 58,488 points, ranking last on Upload speed (Mb/s) at 8.91 Mb/s, Web Browsing (%) at 59.59%, and Youtube streaming (%) at 70.40%. On 5G, DoCoMo scores 75,087 points, finishing last in Upload speed (Mb/s) at 15.15 Mb/s, while showing a more competitive second-place position on 5G Latency (ms) at 92.17 ms.

What to Watch for the Next nPerf Barometer

The Japanese mobile sector remains one of the most technically advanced in the world, and competition between operators is intensifying. Y! Mobile must maintain its latency advantage and continue optimising its 5G rollout to hold off a charging au. au should focus on reducing its overall Latency (ms), which currently ranks third, to challenge Y! for the top score. Rakuten has a clear priority: bringing its Latency (ms) values in line with competitors, as this metric alone significantly weighs down its overall standing despite outstanding upload capabilities. Finally, NTT DoCoMo faces the most pressing challenge — a broad improvement across Upload speed (Mb/s), Web Browsing (%), and Youtube streaming (%) will be essential to reclaim a more competitive position in next year's rankings.

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

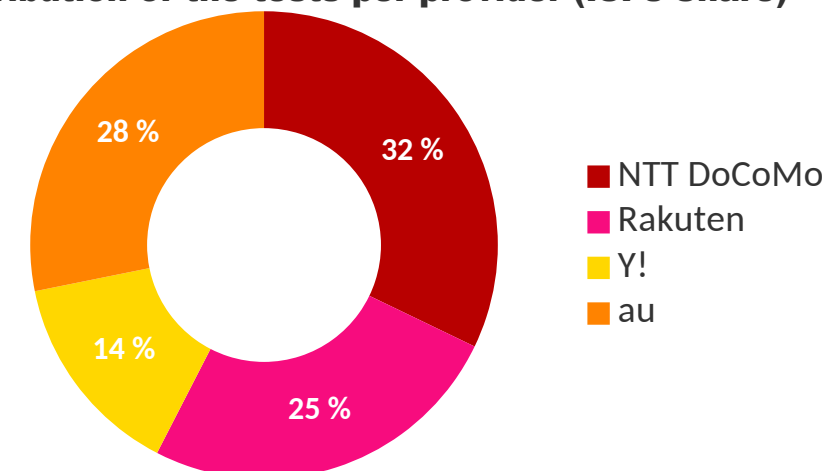
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



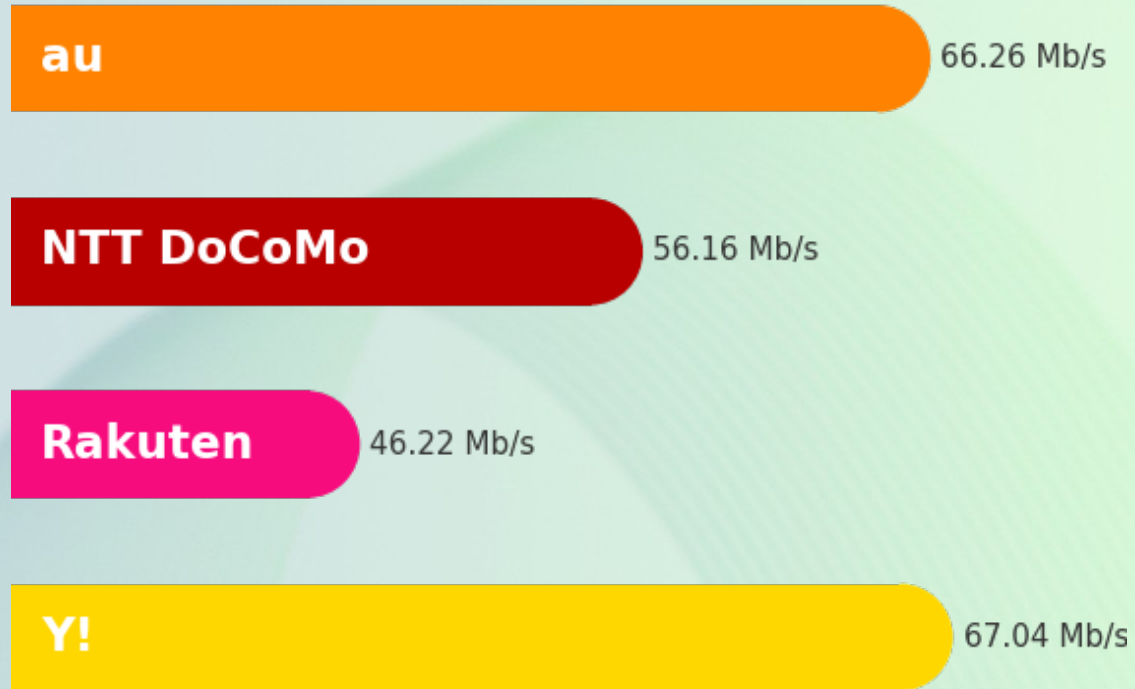
Source : nPerf.com



Download Speed



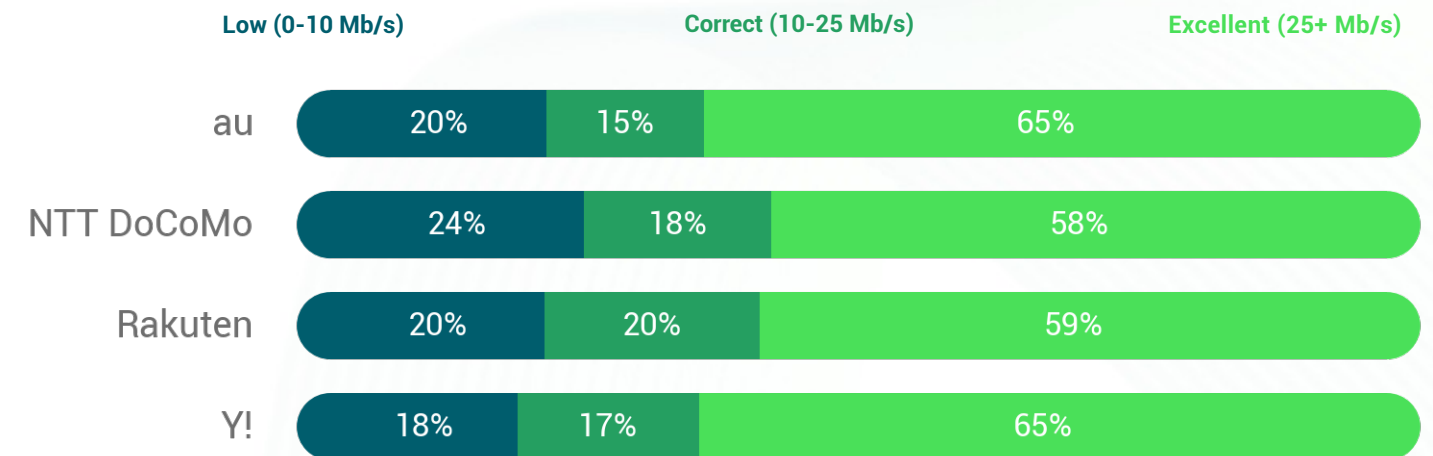
Download Speed (average)



Source : nPerf.com

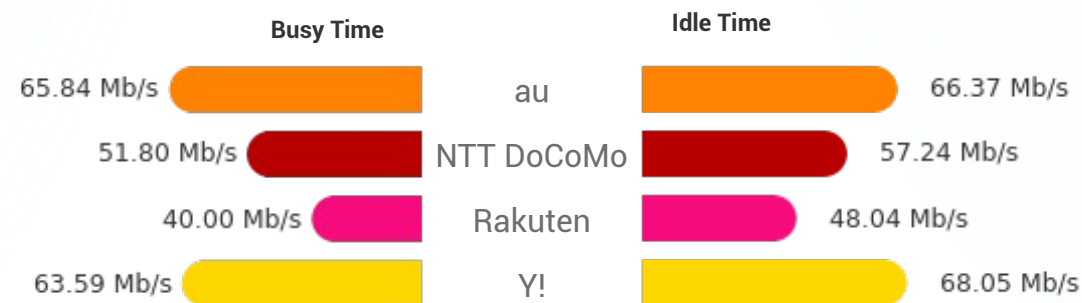
The subscribers of Y! and au enjoyed the best Mobile Internet Download Speed in 2026.

Download Speed results distribution (average)



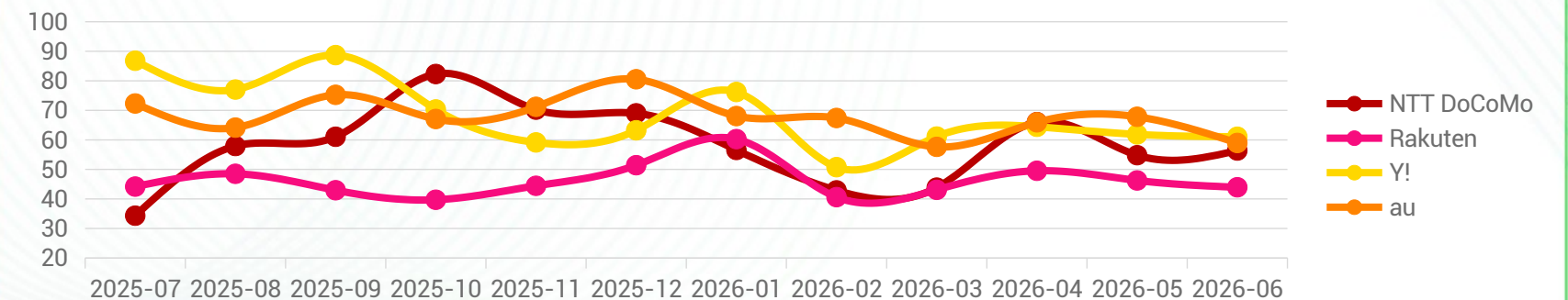
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



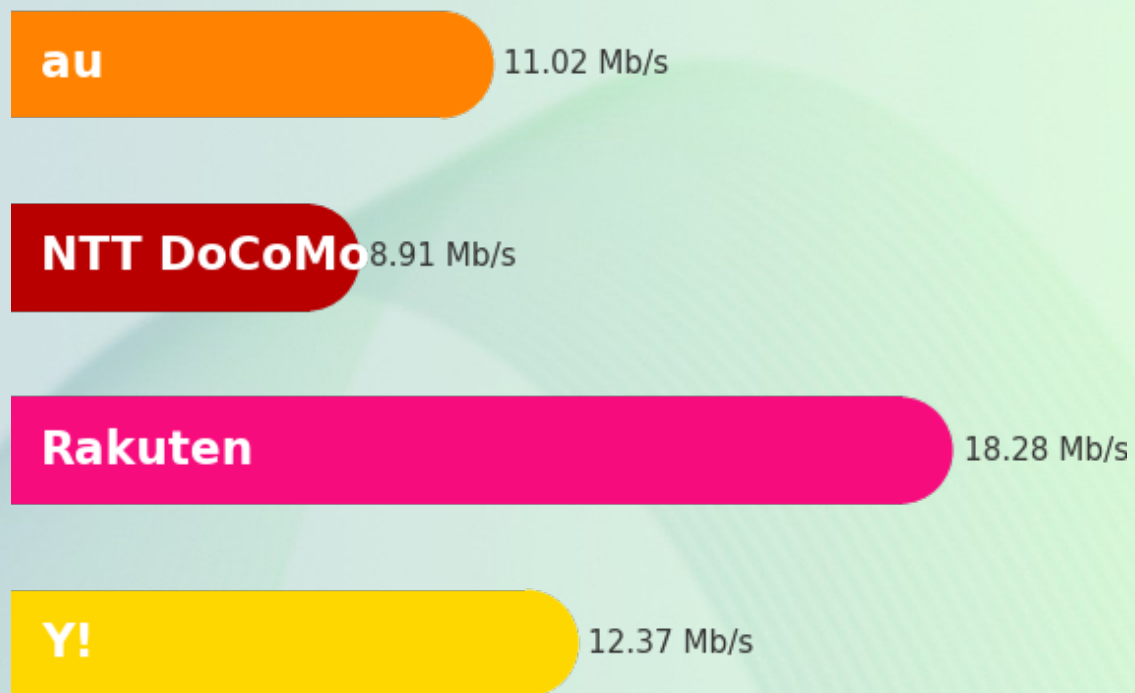
Source : nPerf.com



Upload Speed



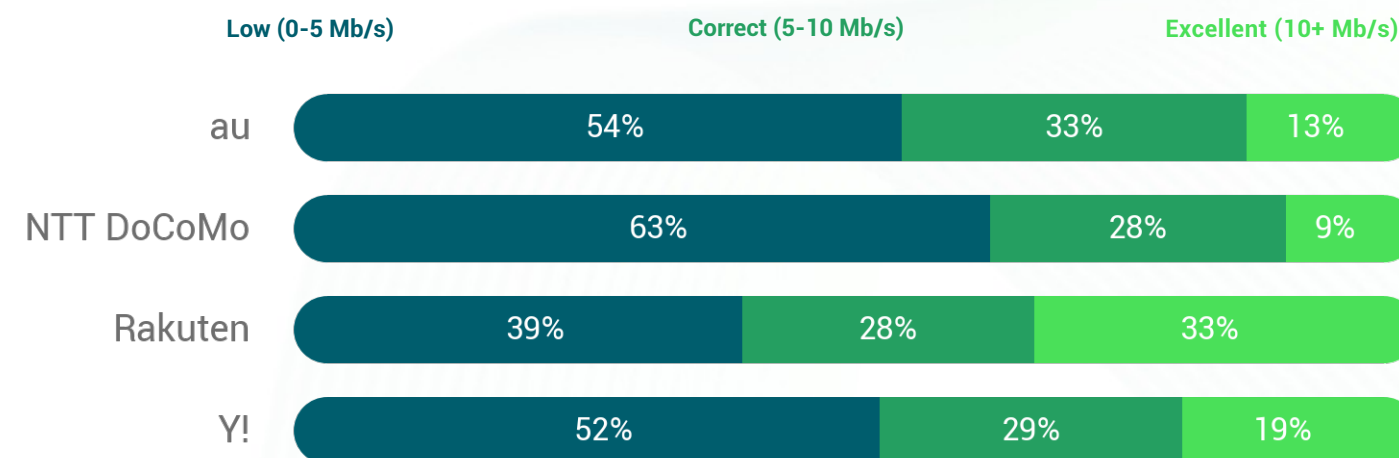
Upload Speed (average)



Source : nPerf.com

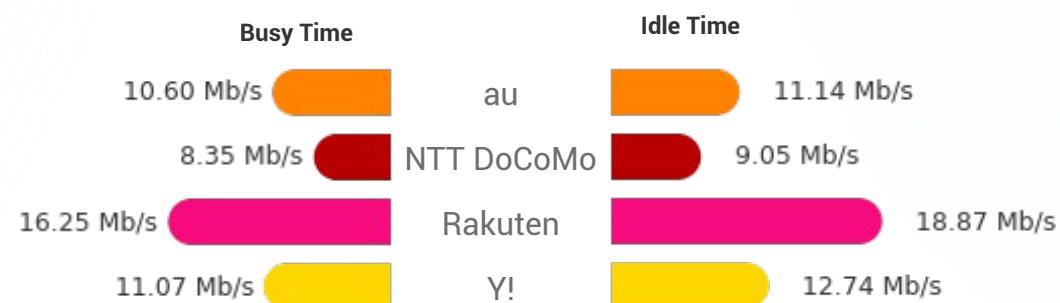
The subscribers of Rakuten enjoyed the best Mobile Internet Upload Speed in 2026.

Upload Speed results distribution (average)



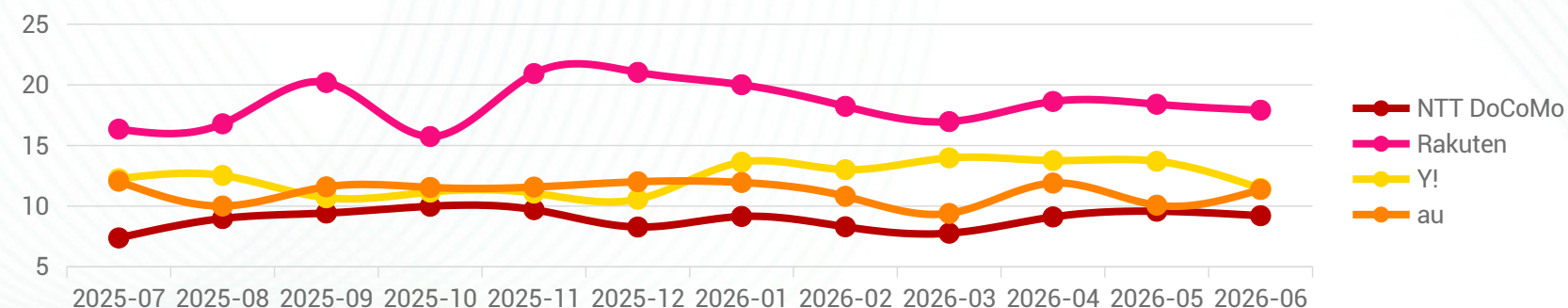
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

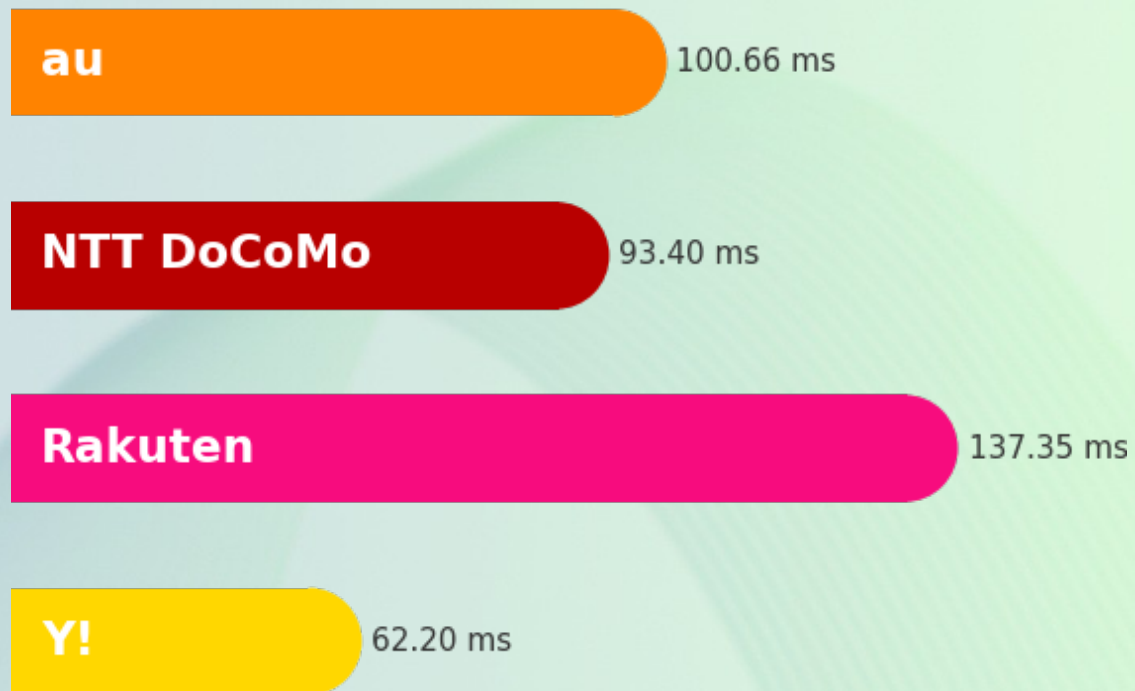
Upload Speed evolution over the year (average)



Source : nPerf.com



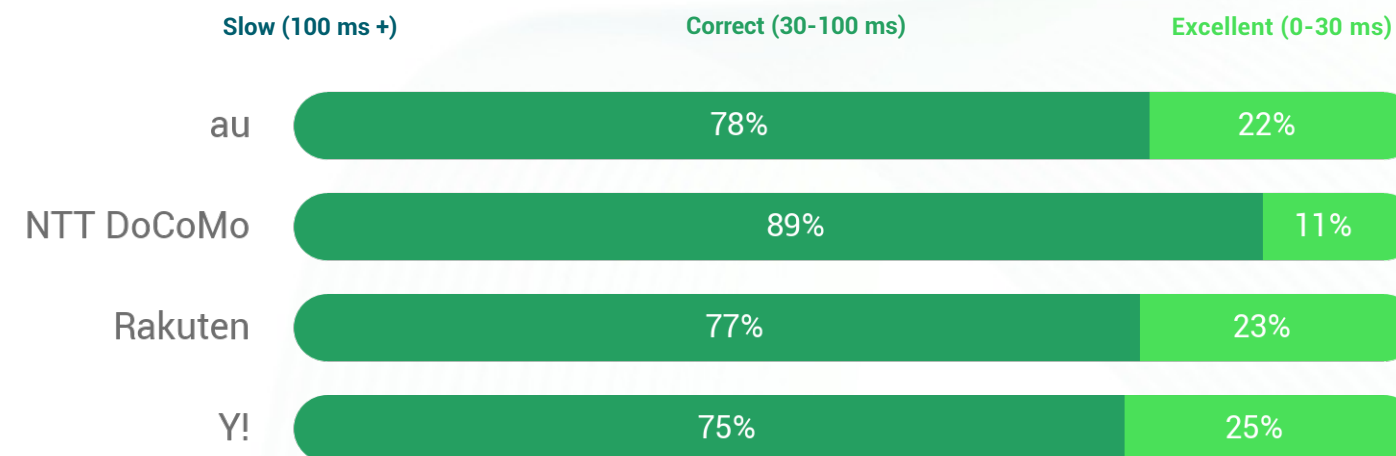
Latency (average)



Source : nPerf.com

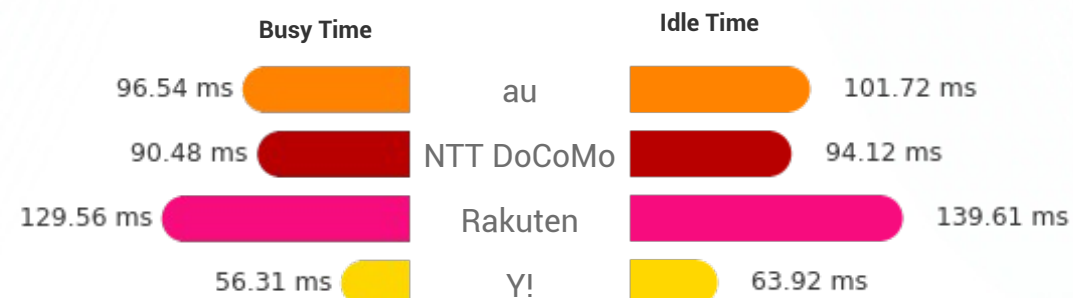
The subscribers of Y! enjoyed the best Mobile Internet Latency in 2026.

Latency results distribution (average)



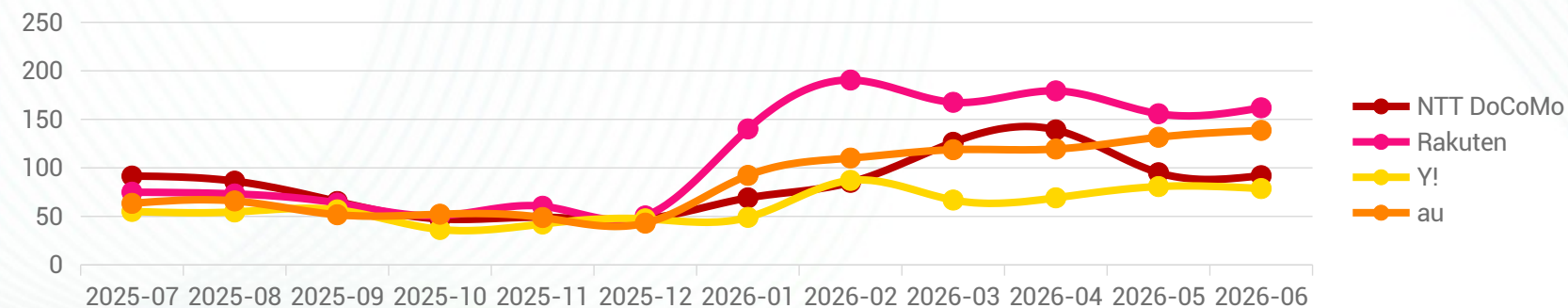
Source : nPerf.com

Latency (average)



Source : nPerf.com

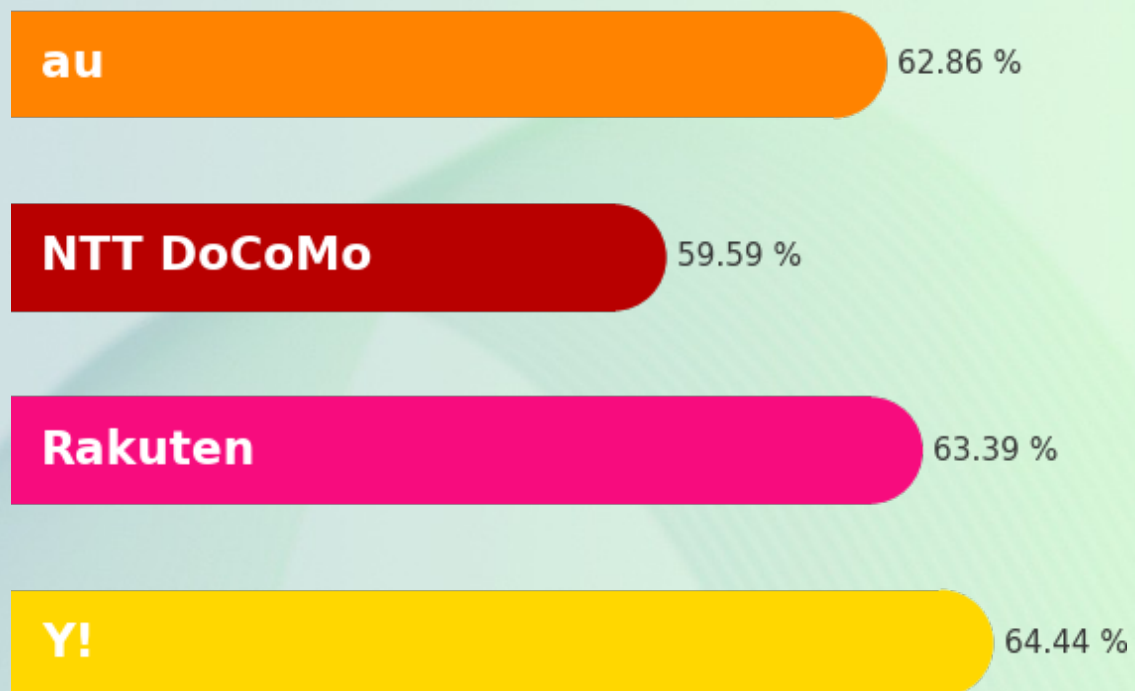
Latency evolution over the year (average)



Source : nPerf.com



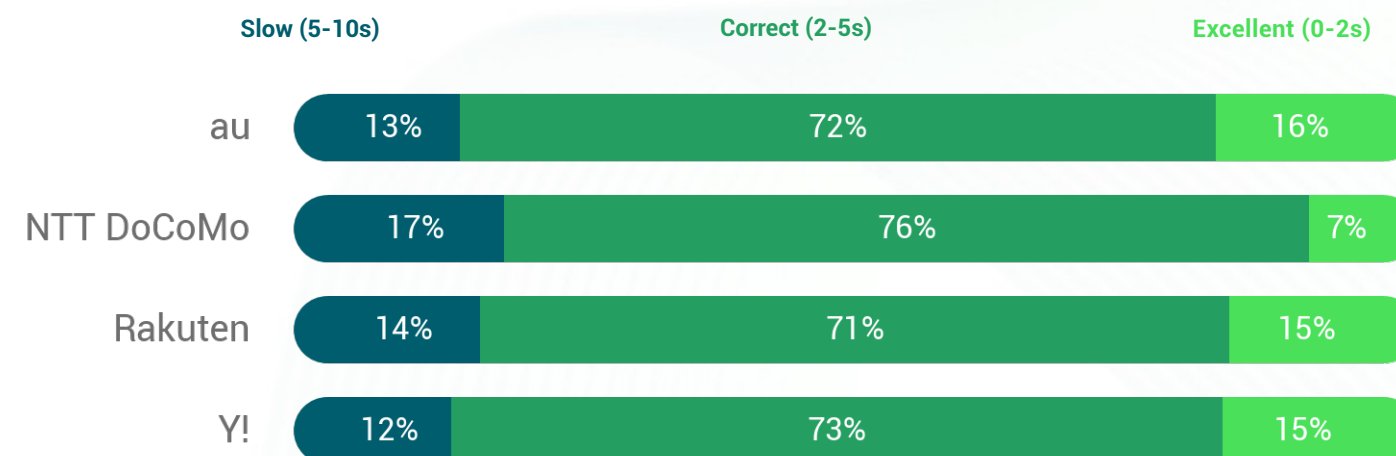
Browsing Performance (average)



Source : nPerf.com

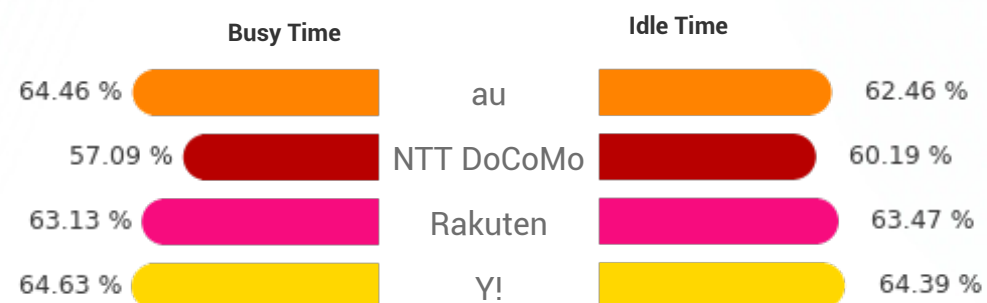
The subscribers of Rakuten, Y! and au enjoyed the best Mobile Internet Browsing Performance in 2026.

Browsing Performance results distribution (average)



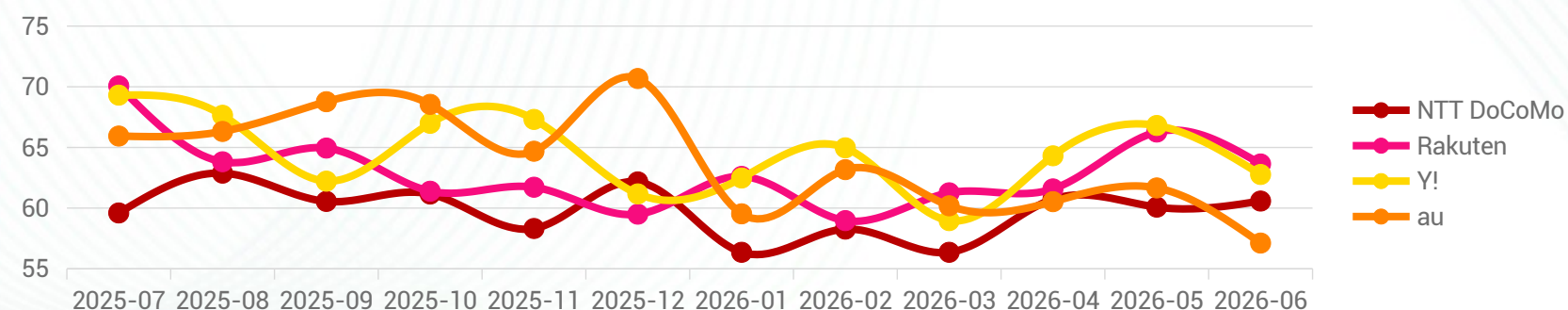
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



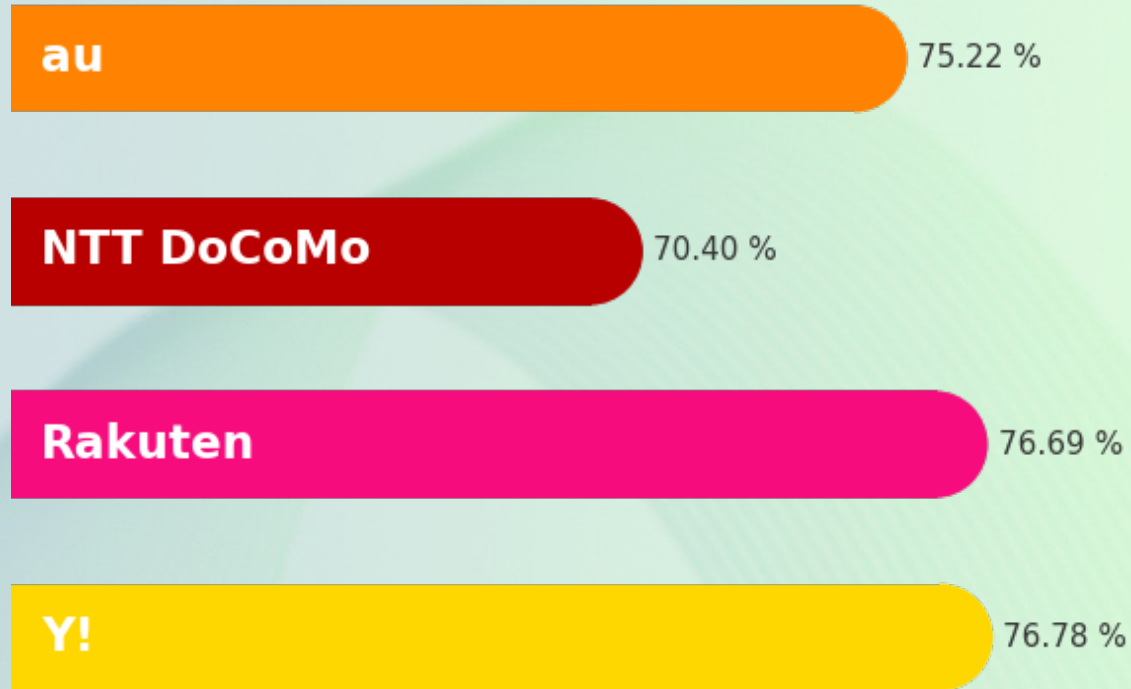
Source : nPerf.com



Streaming Performance



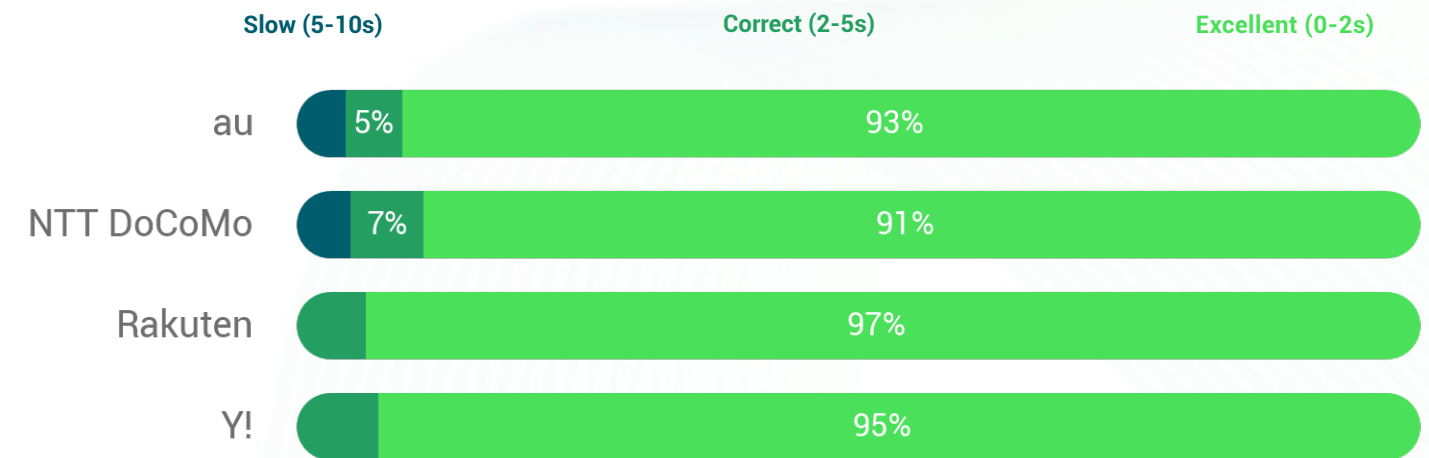
Streaming Performance (average)



Source : nPerf.com

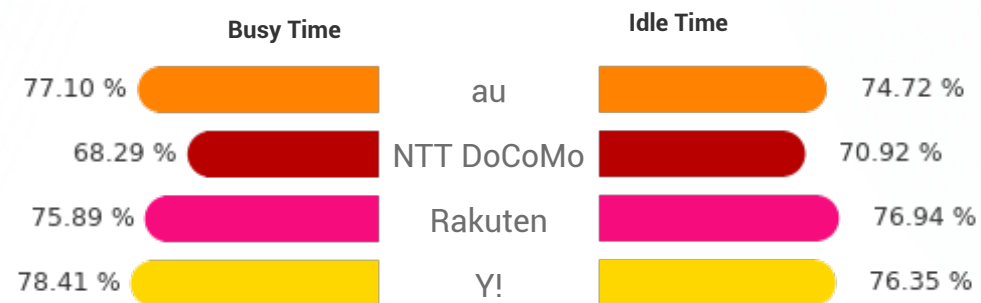
The subscribers of Rakuten, Y! and au enjoyed the best Mobile Internet Streaming Performance in 2026.

Streaming Performance results distribution (average)



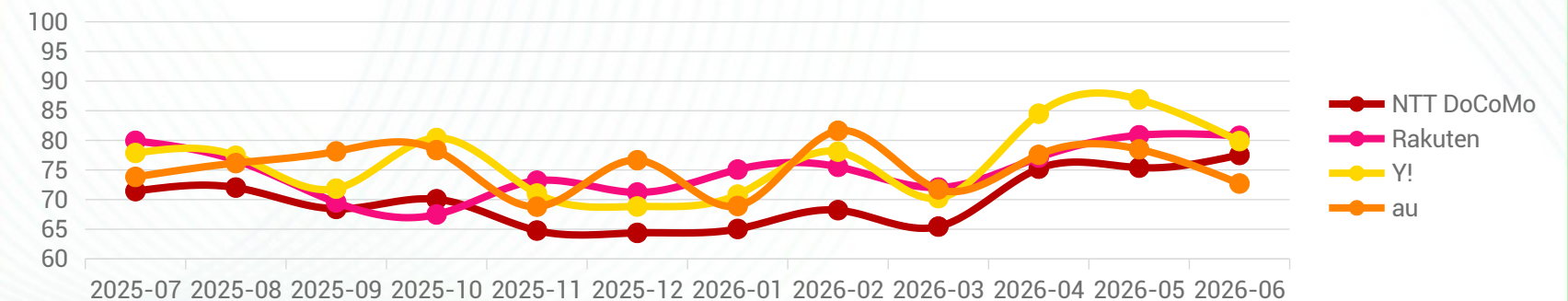
Source : nPerf.com

Streaming Performance (average)



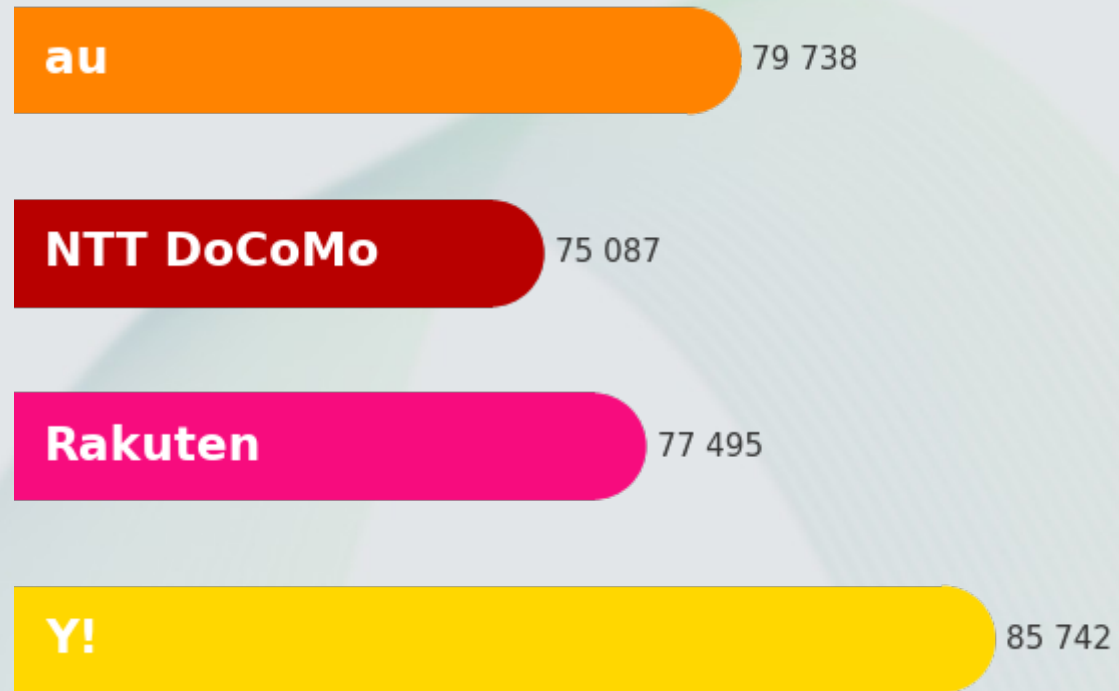
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

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

Best performances 5G: Y!

Fastest performances (Download Speed) 5G: au

Fastest performances (Upload Speed) 5G: Rakuten

5G connections with the lowest latency: Y!

Best web browsing performances 5G: Rakuten, Y! and au

Best streaming performances 5G: Y! and au

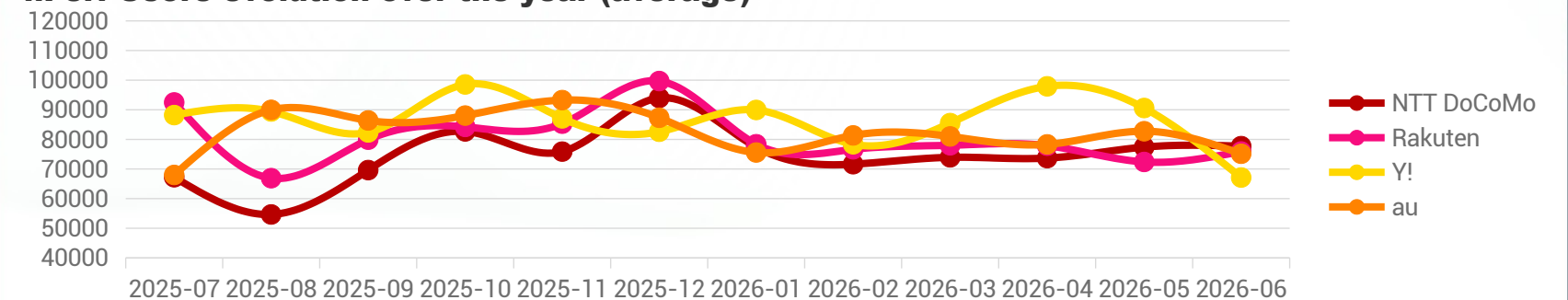
Source : nPerf.com

nPerf Podium



Source : nPerf.com

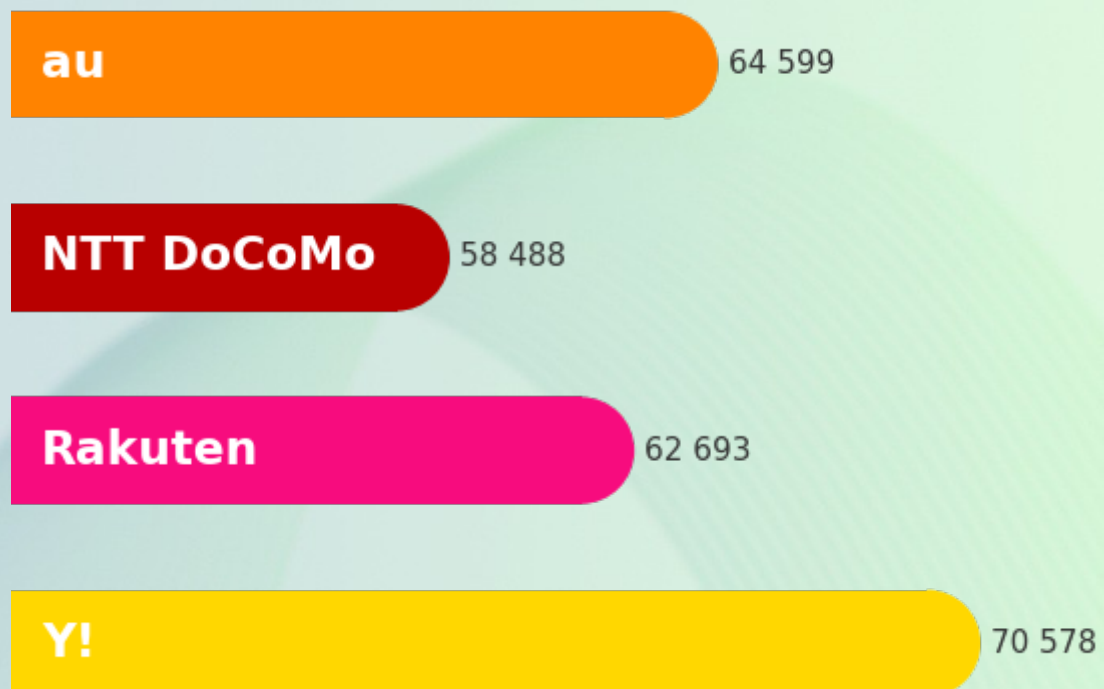
nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Y! 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

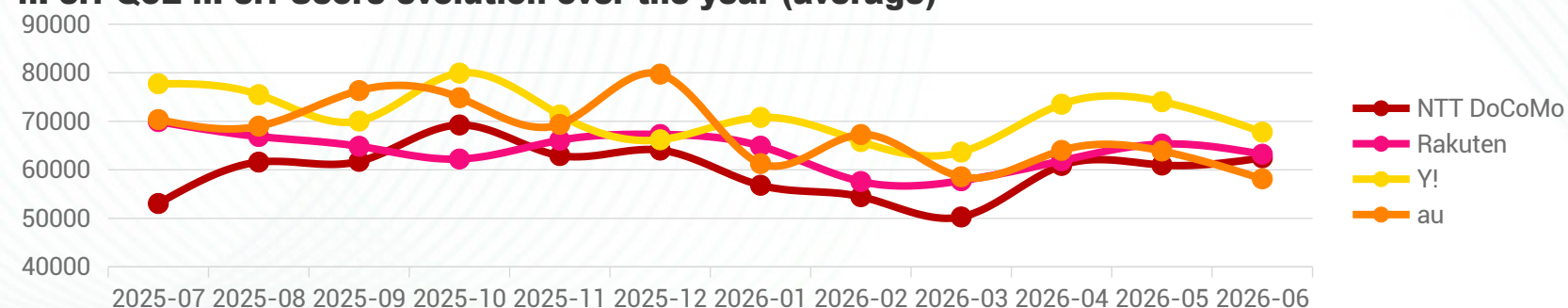
Y!mobile

Best Mobile Internet performance in 2026



Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

