

April 2026



Barometer of mobile Internet connections in Cambodia

04/01/2025 - 03/31/2026



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nPerf**

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**nPerf Network
assessment**

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.

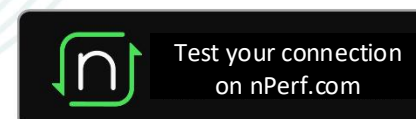
 **26Md+** coverage
scans in total.

 **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 Cellcard and Metfone enjoyed the best Mobile Internet performances in 2026 in Cambodia.

Mobile Internet performance in Cambodia

	Cellcard	Metfone	Smart Axiata
▼ Download bitrates (Mb/s)	30.14	25.37	29.32
▲ Upload bitrates (Mb/s)	9.38	14.46	8.28
◀▶ Latency (ms)	136.77	93.63	90.47
🌐 Web browsing (%)	58.03	60.96	48.17
📺 Youtube streaming (%)	69.73	63.29	72.91
🏆 nPerf Score (nPoints)	49 567	50 477	48 132

Source : nPerf.com



Best Mobile Internet performance
in 2026



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Cellcard and Metfone enjoyed the best 4G Internet in 2026 in Cambodia.

Mobile Internet performance in Cambodia

	Cellcard	Metfone	Smart Axiata
 Download bitrates (Mb/s)	27.29	22.29	22.16
 Upload bitrates (Mb/s)	9.40	14.48	7.45
 Latency (ms)	135.88	94.22	90.82
 Web browsing (%)	57.76	60.94	47.95
 Youtube streaming (%)	69.99	63.17	72.73
 nPerf Score (nPoints)	48 599	49 133	44 799

Source : nPerf.com

The best mobile Internet performance in Cambodia for the 2025–2026 period reveals a highly competitive landscape, with Metfone and Cellcard sharing the top spot overall while Smart Axiata continues to sharpen its edge on key quality indicators. nPerf's latest barometer captures a sector in full momentum, where all three operators have made measurable strides — particularly on download speeds — and where the gap between leaders is narrowing to the point of making Cambodia one of the most contested mobile markets in the region.

Metfone & Cellcard: A shared throne, with distinct strengths

For the second consecutive year, Metfone and Cellcard stand side by side at the top of the overall rankings, both achieving near-identical scores (50,477 vs. 49,567). Yet behind this tie, each operator tells a different story. Metfone's rise is the most striking: climbing from 2nd to 1st place overall compared to the previous period, the operator has recorded a remarkable +90% improvement in Download speed (Mb/s), reaching 25.37 Mb/s — a leap that signals a significant network investment cycle. Metfone also leads on Upload speed (Mb/s) at 14.46 Mb/s and Web Browsing (%) at 60.96%, both retained for the second consecutive year. On the 4G segment, Metfone mirrors this leadership, confirming the consistency of its network across technologies.

Cellcard, meanwhile, defends its position with a fourth consecutive year of leadership in Download speed (Mb/s) at the overall level (30.14 Mb/s) and a fifth year at the 4G level (27.29 Mb/s). The operator's most headline-grabbing achievement this period is a -37% reduction in Latency (ms) overall — dropping from 218.21 ms to 136.77 ms — a substantial quality improvement that reflects a more responsive network. Cellcard also continues a five-year upward trend in overall score, a consistency that speaks to sustained network development.

Smart Axiata: Quality leadership on the rise

Smart Axiata rounds out the podium in 3rd place overall with a score of 48,132, yet its performance profile is anything but modest. The operator claims best-in-class results on Latency (ms) at the overall level (90.47 ms) — a first-time achievement — and extends its winning streak on Youtube streaming (%) to a third consecutive year (72.91%), the highest in the sector. It also records the best overall Download speed (Mb/s) performance on a relative improvement basis, up +72% year-on-year to 29.32 Mb/s. On 4G specifically, Smart Axiata leads on both Latency (ms) and Youtube streaming (%), reinforcing its reputation as the quality-of-experience operator in Cambodia. Like its competitors, Smart Axiata is part of a five-year upward score trajectory — a sector-wide signal of healthy network maturation.

What's at stake for the year ahead

The Cambodian mobile sector heading into 2026 is defined by compression at the top: the gap between Metfone and Cellcard has shrunk significantly, and Smart Axiata is within striking distance on score while leading on experience metrics. For Metfone, the challenge will be sustaining its download speed gains while closing the gap on Youtube streaming (%) — currently its weakest area at 63.29% — and improving Latency (ms), which remains elevated at 93.63 ms. For Cellcard, the priority is converting its latency improvement into a broader score lead, while maintaining its download dominance and addressing its Upload speed (Mb/s), which lags behind Metfone's. For Smart Axiata, the path to the top is clear: translate its quality leadership — best latency, best streaming — into a stronger overall score by closing the gap on Web Browsing (%) (48.17%, the lowest of the three) and consolidating its upload performance. A sector this tight means that marginal gains in any KPI could shift the rankings — making next year's nPerf barometer one to watch closely.

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

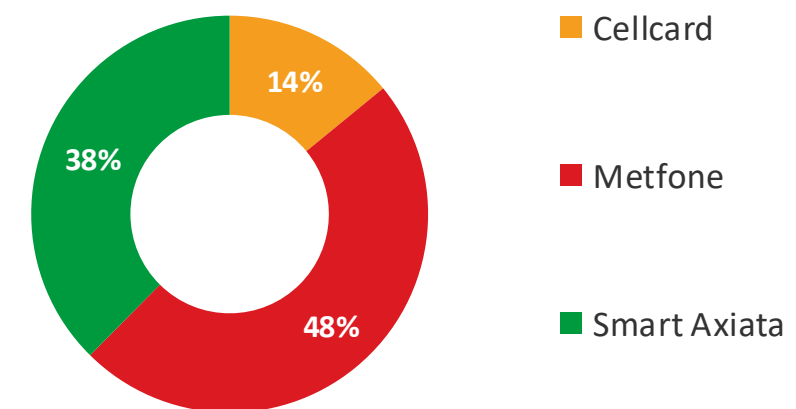
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



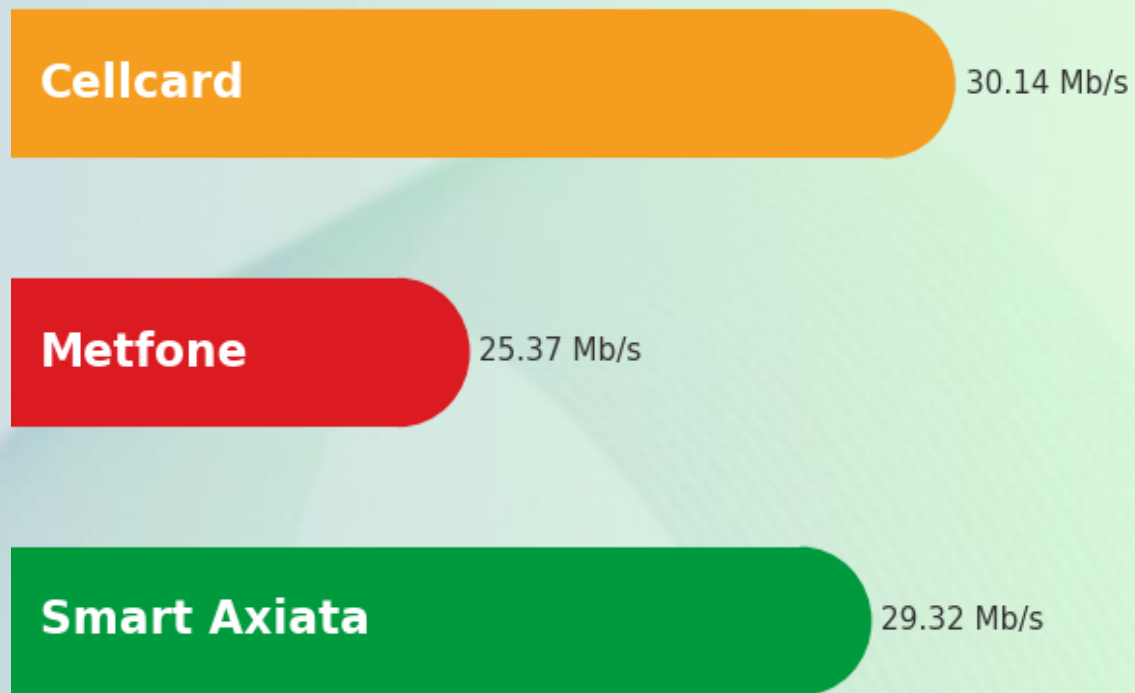
Source : nPerf.com



Download Speed



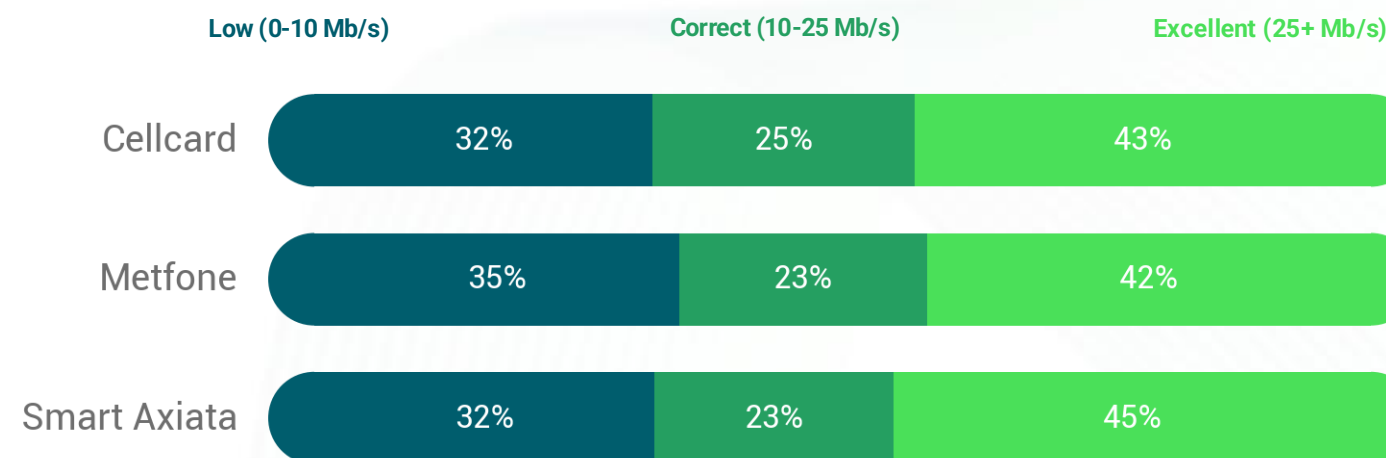
Download Speed (average)



Source : nPerf.com

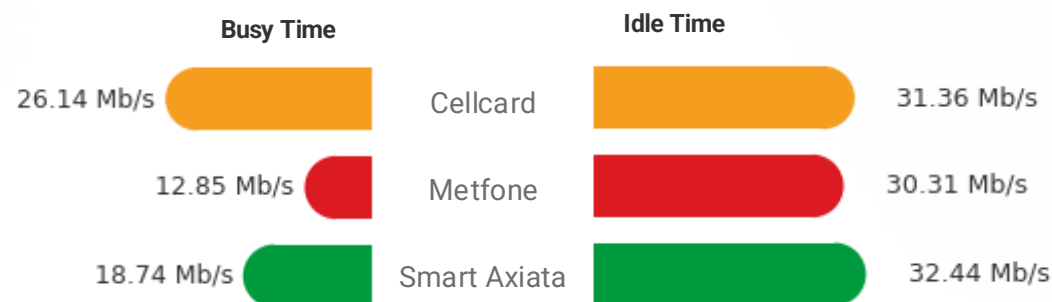
The subscribers of Cellcard and Smart Axiata enjoyed the best Mobile Internet Download Speed in 2026.

Download Speed results distribution (average)



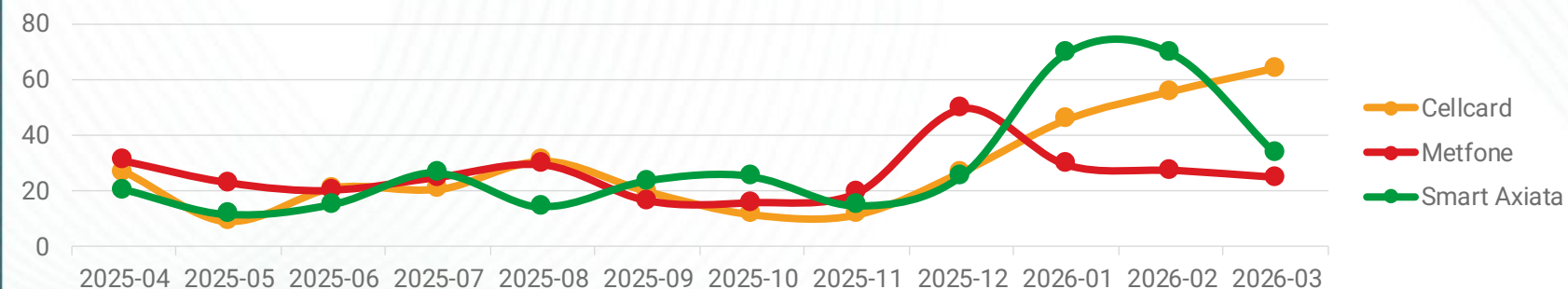
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



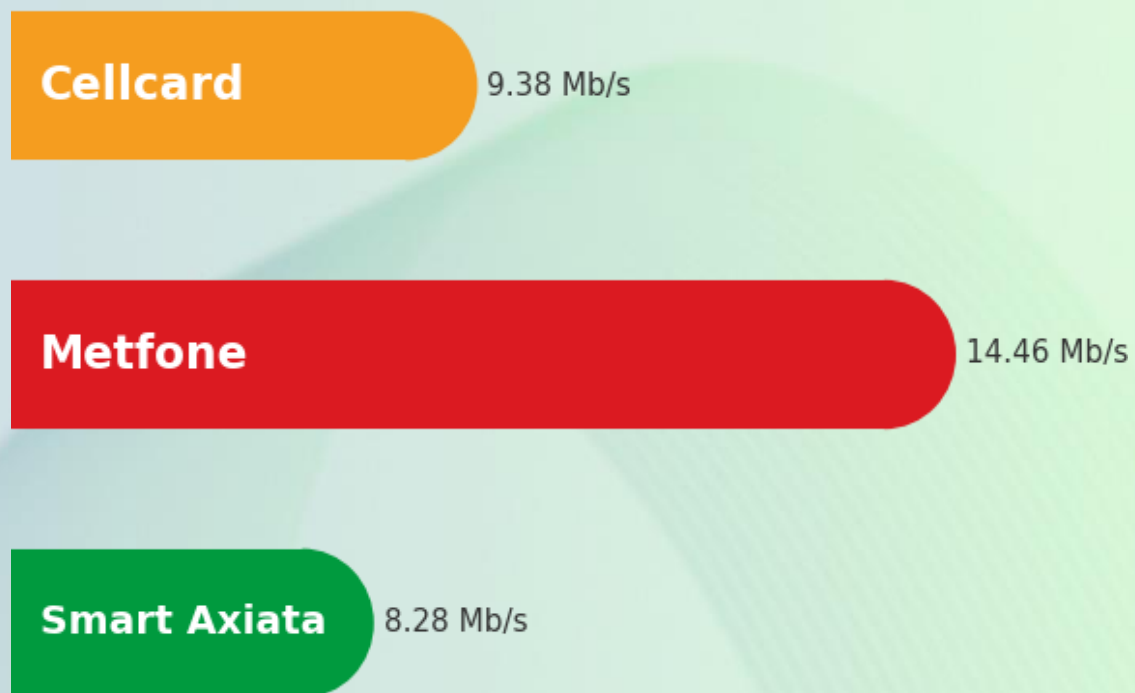
Source : nPerf.com



Upload Speed



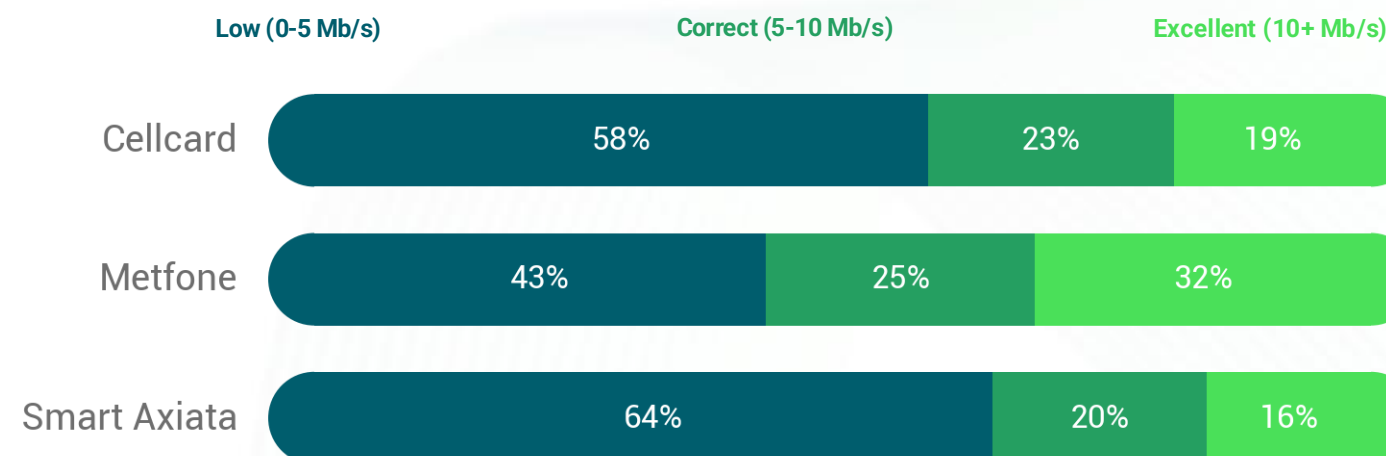
Upload Speed (average)



Source : nPerf.com

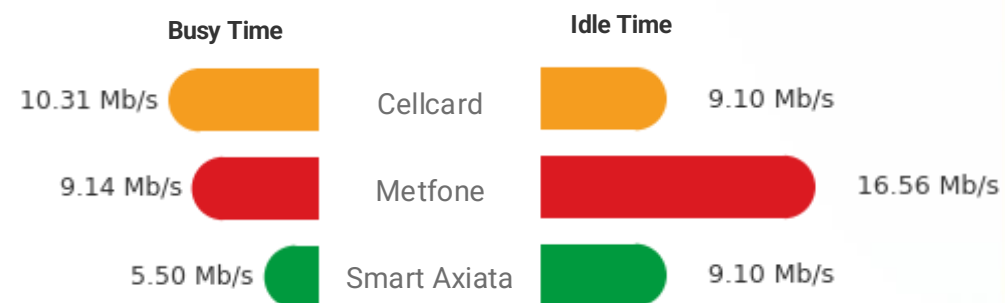
The subscribers of Metfone enjoyed the best Mobile Internet Upload Speed in 2026.

Upload Speed results distribution (average)



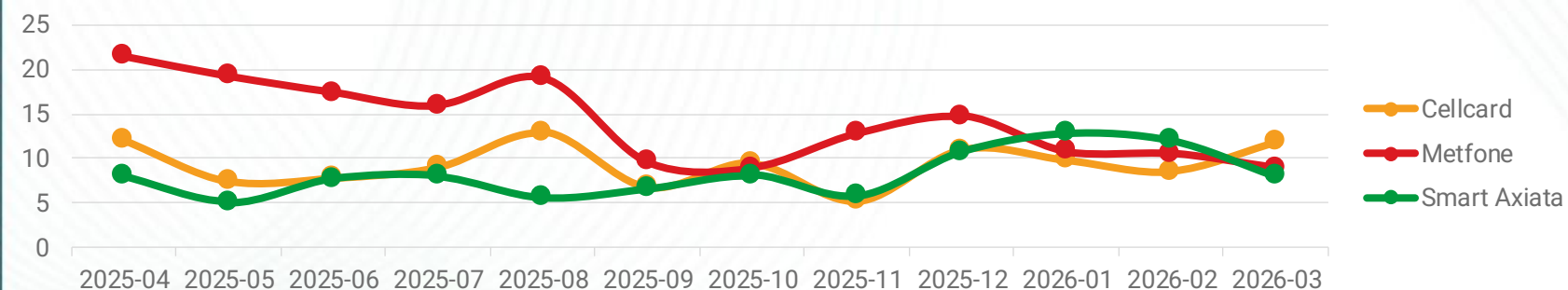
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

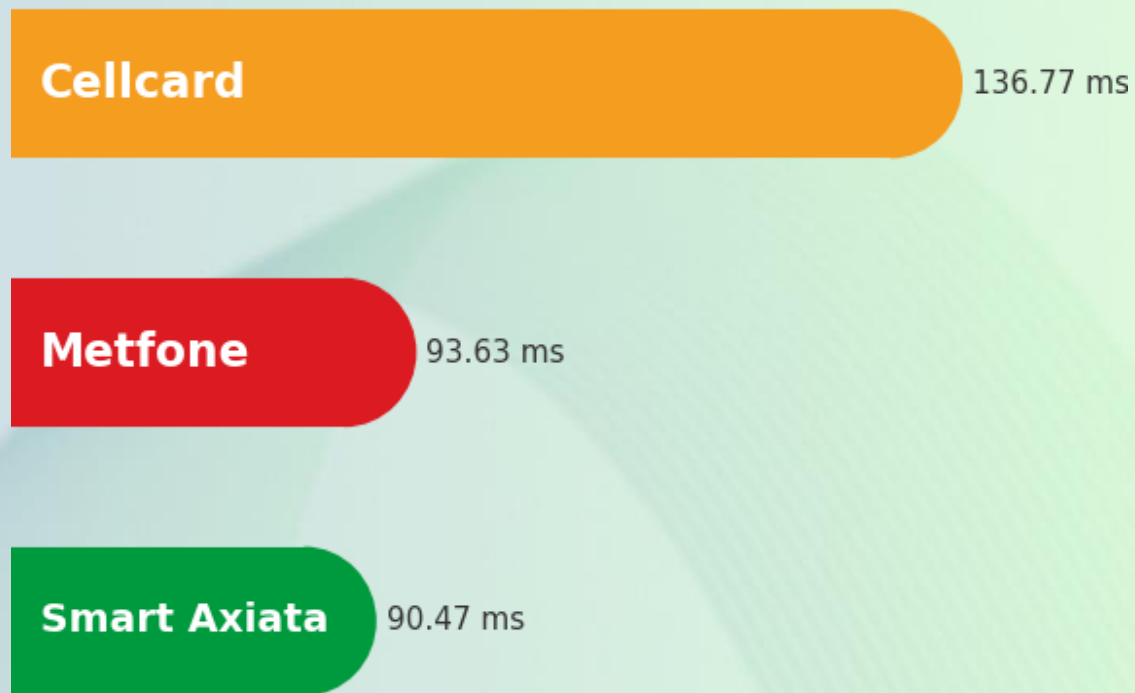
Upload Speed evolution over the year (average)



Source : nPerf.com



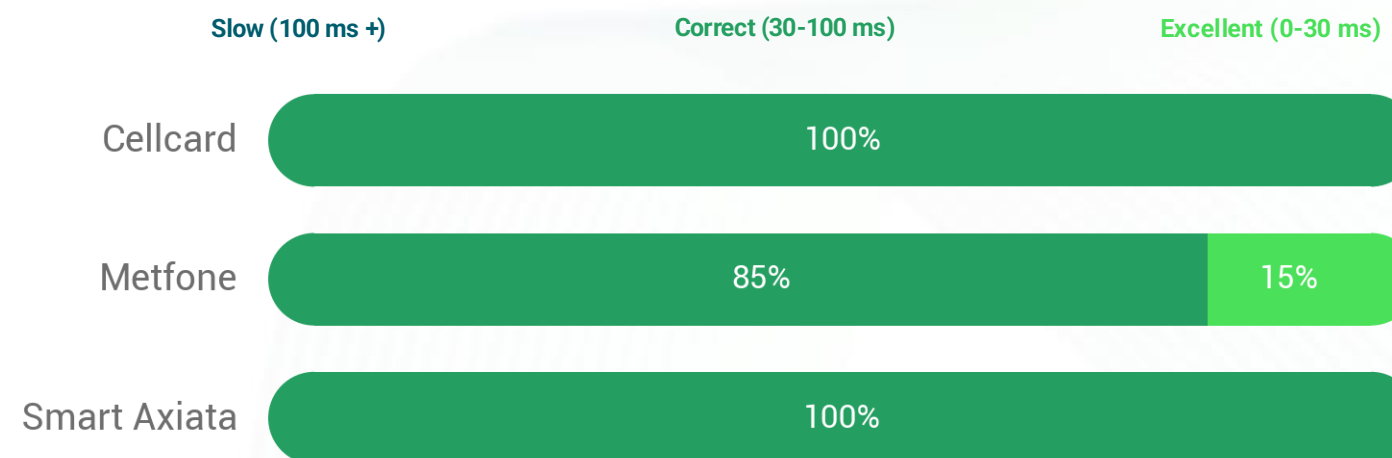
Latency (average)



Source : nPerf.com

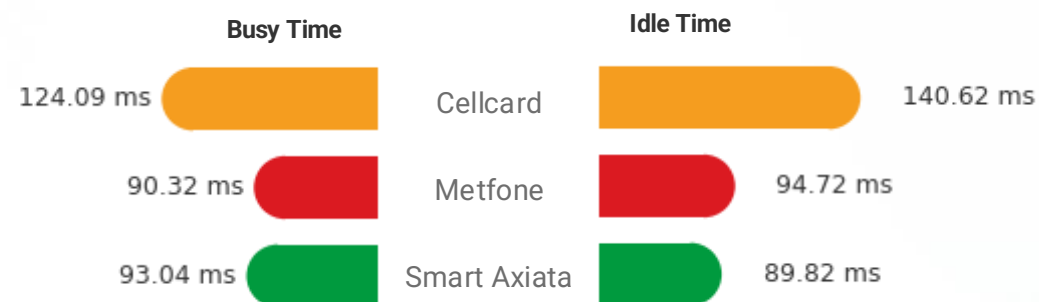
The subscribers of Smart Axiata enjoyed the best Mobile Internet Latency in 2026.

Latency results distribution (average)



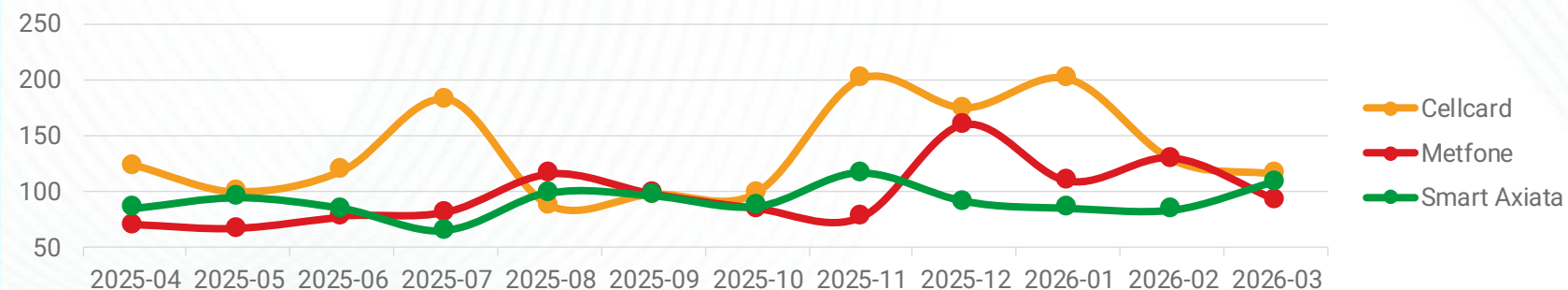
Source : nPerf.com

Latency (average)



Source : nPerf.com

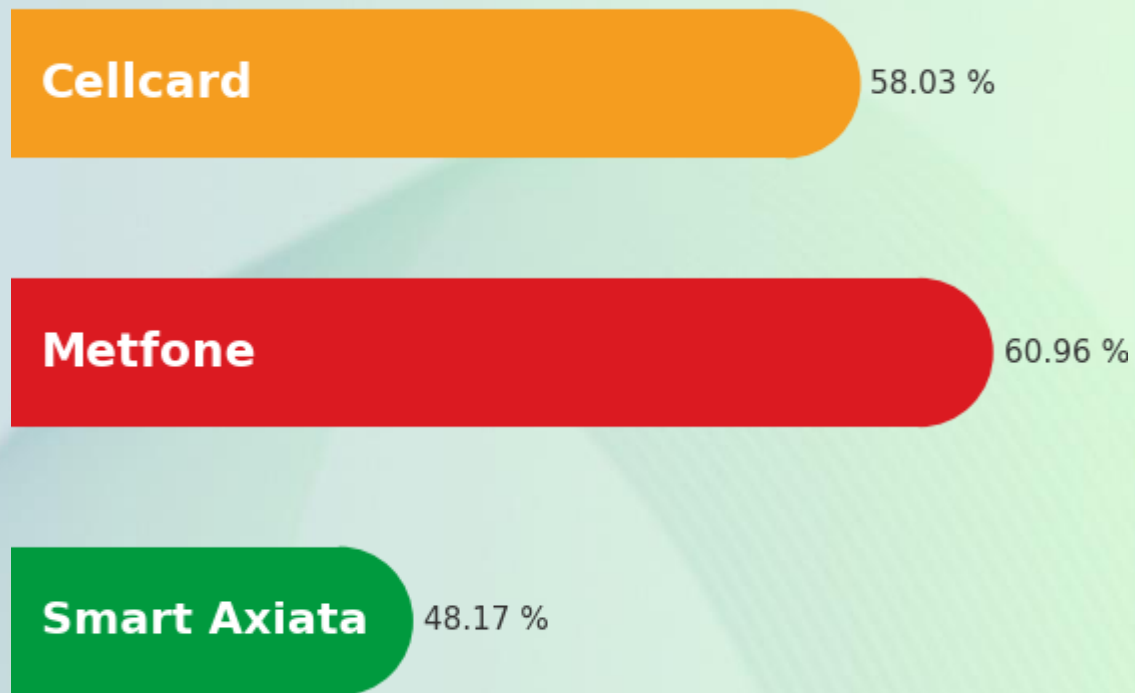
Latency evolution over the year (average)



Source : nPerf.com



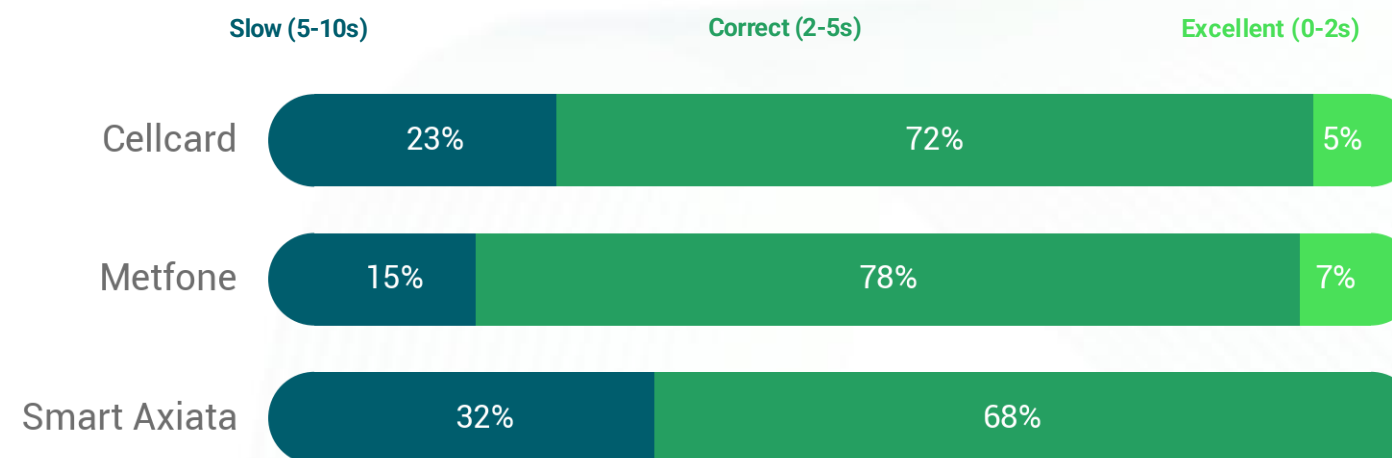
Browsing Performance (average)



Source : nPerf.com

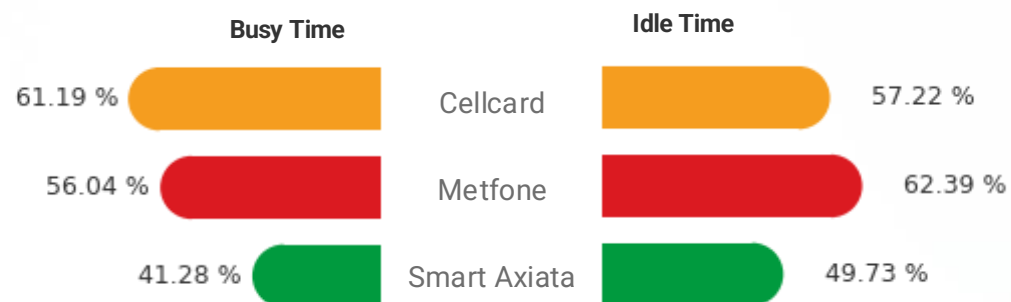
The subscribers of Metfone enjoyed the best Mobile Internet Browsing Performance in 2026.

Browsing Performance results distribution (average)



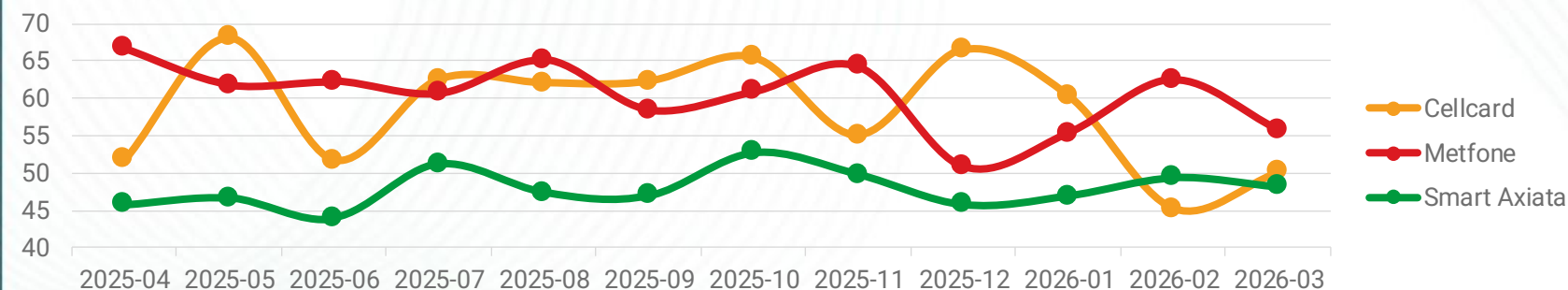
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

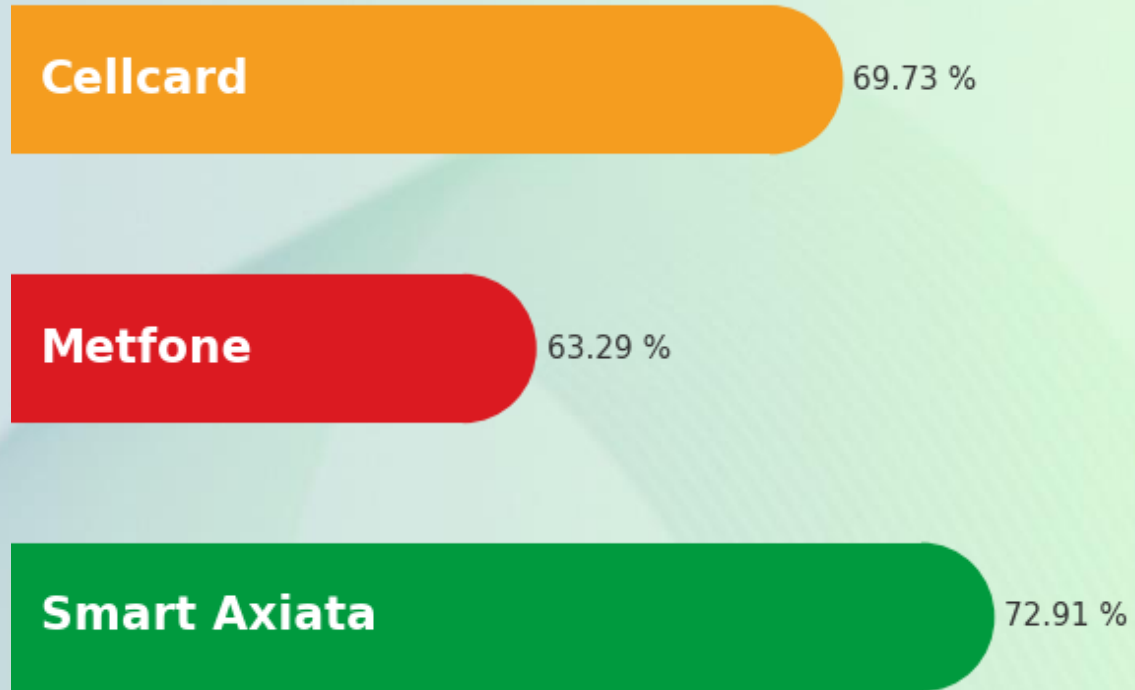
Browsing Performance evolution over the year (average)



Source : nPerf.com



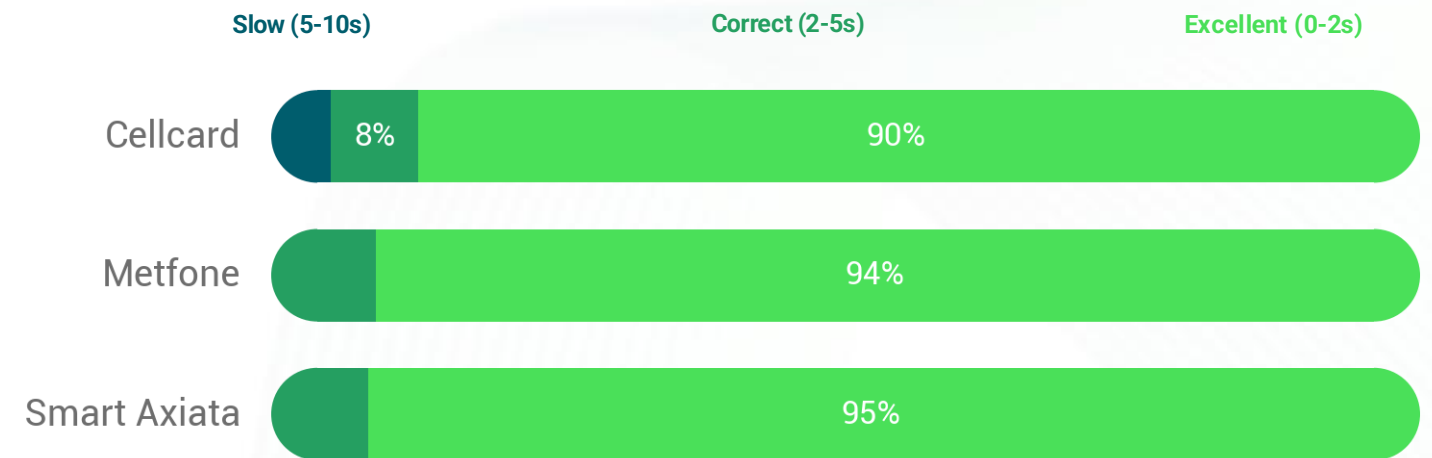
Streaming Performance (average)



Source : nPerf.com

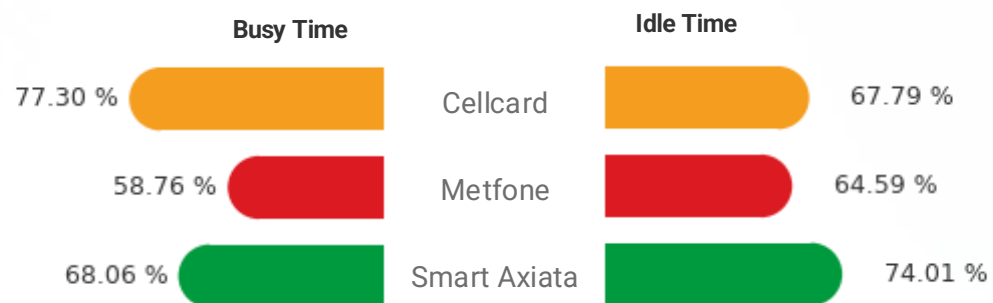
The subscribers of Smart Axiata enjoyed the best Mobile Internet Streaming Performance in 2026.

Streaming Performance results distribution (average)



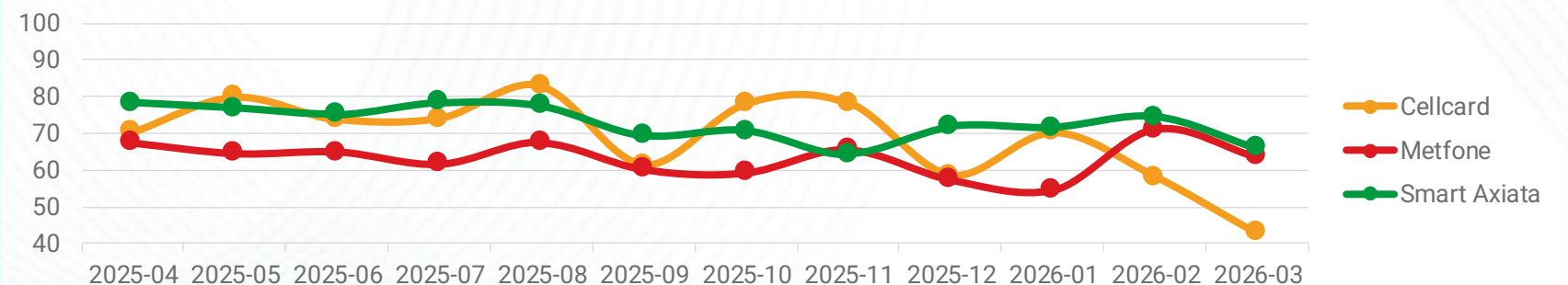
Source : nPerf.com

Streaming Performance (average)



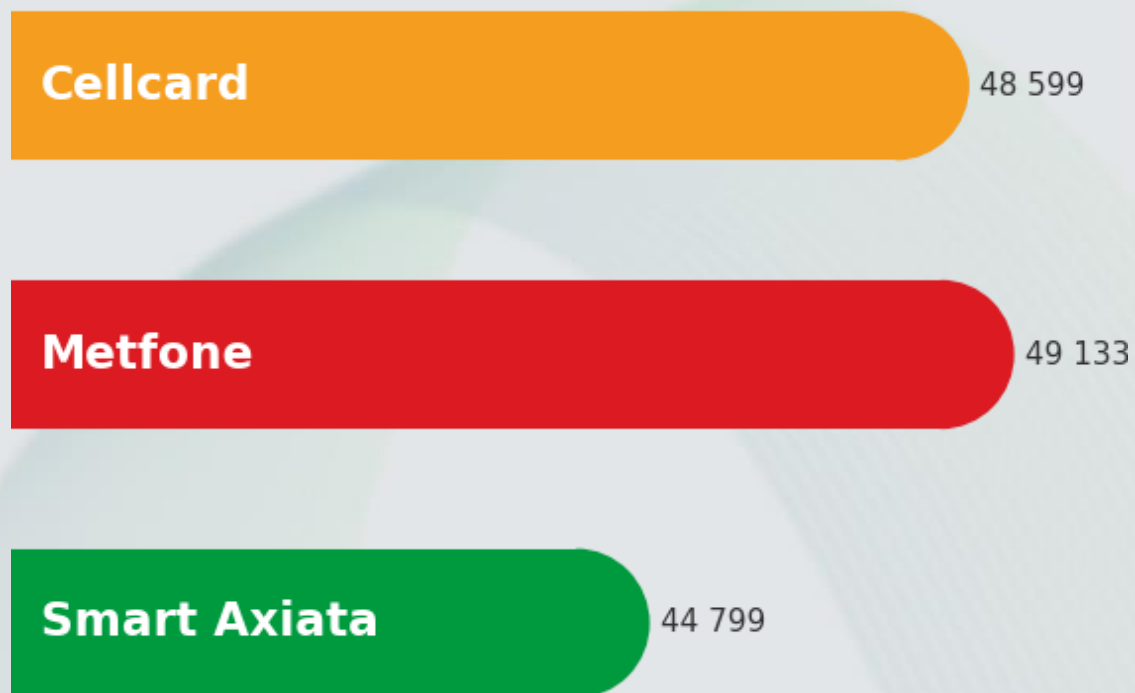
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Cellcard and Metfone enjoyed the best 4G Internet in 2026.

Best performances 4G: Cellcard and Metfone

Fastest performances (Download Speed) 4G: Cellcard

Fastest performances (Upload Speed) 4G: Metfone

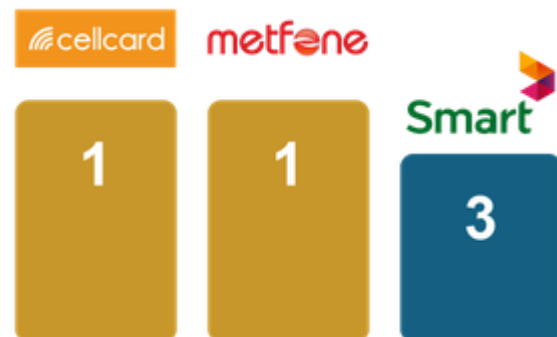
4G connections with the lowest latency: Smart Axiata

Best web browsing performances 4G: Metfone

Best streaming performances 4G: Smart Axiata

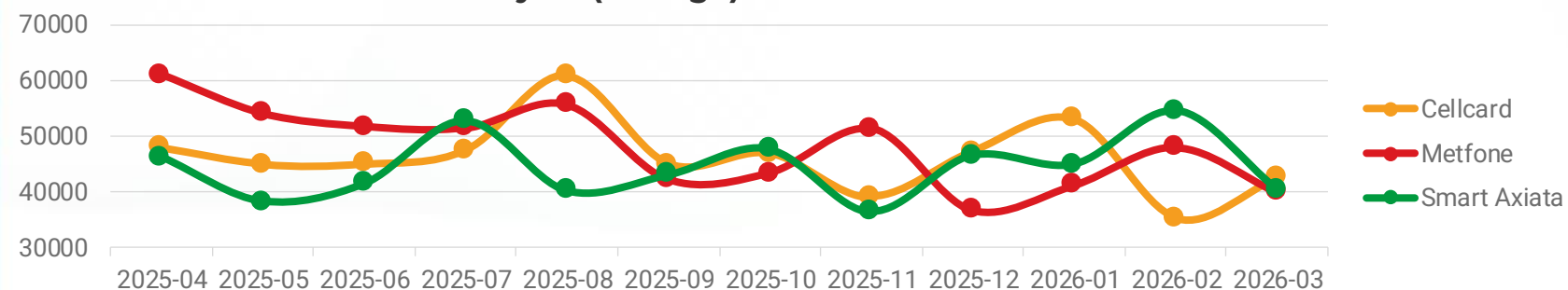
Source : nPerf.com

nPerf Podium



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)

Cellcard

49 567

Metfone

50 477

Smart Axiata

48 132

Source : nPerf.com

The subscribers of Cellcard and Metfone 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



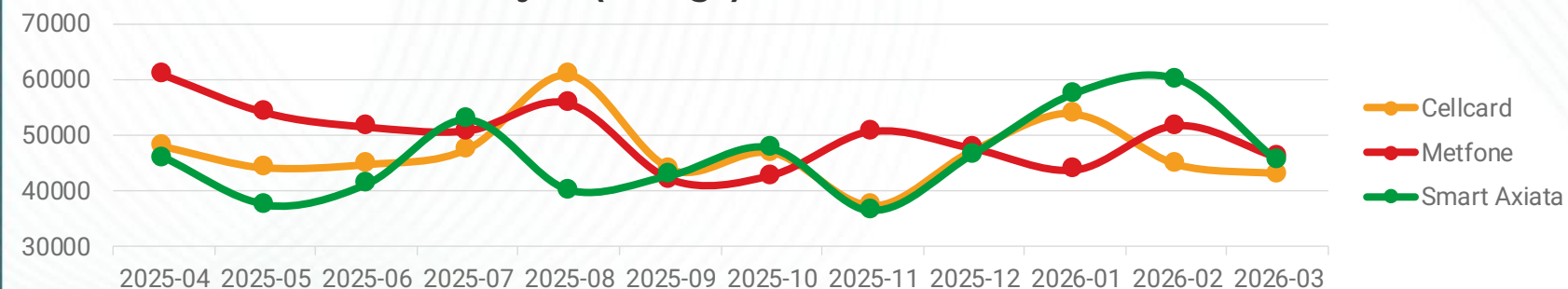
Best Mobile Internet performance in 2026



nPerf Podium

Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com



We qualify your connection