

April 2026



Barometer of mobile Internet connections in Kazakhstan

04/01/2025 - 03/31/2026



1

**Introducing
nPerf**

2

**Executive
summary**

3

Analysis

4

Methodology

5

**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.

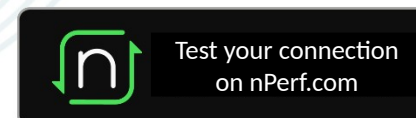
 **26Md+** coverage
scans in total.

 **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 Kcell enjoyed the best Mobile Internet performances in 2026 in Kazakhstan.

Mobile Internet performance in Kazakhstan

	Beeline	Kcell	Tele2
▼ Download bitrates (Mb/s)	26.93	73.29	45.56
▲ Upload bitrates (Mb/s)	11.15	17.78	15.62
◀▶ Latency (ms)	56.45	48.78	51.26
🌐 Web browsing (%)	53.25	58.66	56.29
🎥 Youtube streaming (%)	62.27	63.95	65.17
🏆 nPerf Score (nPoints)	49 760	66 069	59 816

Source : nPerf.com

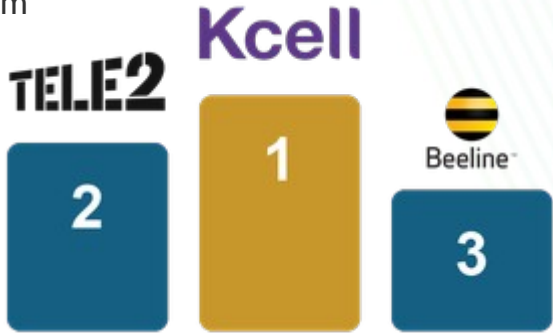
Kcell

Best Mobile Internet performance in 2026



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Kcell enjoyed the best 4G Internet in 2026 in Kazakhstan.

Mobile Internet performance in Kazakhstan

	Beeline	Kcell	Tele2
 Download bitrates (Mb/s)	29.56	45.16	36.83
 Upload bitrates (Mb/s)	12.24	15.31	13.88
 Latency (ms)	53.64	50.23	52.16
 Web browsing (%)	54.32	58.54	56.51
 Youtube streaming (%)	62.65	61.27	64.87
 nPerf Score (nPoints)	52 110	59 015	57 025

Source : nPerf.com

The best mobile Internet performance in Kazakhstan for 2026 has been measured by nPerf across the country's three major operators — Kcell, Tele2, and Beeline — covering the period from April 2025 to March 2026. This year's barometer reveals a dynamic and increasingly competitive sector, where overall network performance has progressed across the board, led by a dominant Kcell consolidating its position at the top, while Tele2 and Beeline each demonstrate notable strengths in specific areas.

Kcell: A Confirmed Leader Reaching New Heights

Kcell has now claimed the top position in nPerf's overall rankings for the third consecutive year, and this edition marks a historic milestone: the operator becomes the 4G leader for the very first time. With an overall score of 66,069 — up from 63,986 the previous year — Kcell leads across every measured KPI in the overall category, including Download speed (Mb/s) at 73.29 Mb/s (+9.8% vs. last year), Upload speed (Mb/s) at 17.78 Mb/s (a striking +34% year-on-year), Latency (ms) at 48.78 ms, and Web Browsing (%) at 58.66%. On 4G specifically, Kcell now ranks first on Download speed (Mb/s) at 45.16 Mb/s, Upload speed (Mb/s) at 15.31 Mb/s, Latency (ms) at 50.23 ms, and Web Browsing (%) at 58.54% — all category wins achieved for the first time. Paired with a consistent five-year upward trend in overall score, Kcell is clearly widening the gap with its competitors.

Tele2: A Streaming Champion With Sustained Momentum

Tele2 secures second place overall with a score of 59,816, maintaining a solid and consistent trajectory. The operator stands out as the undisputed streaming specialist: it holds the best Youtube streaming (%) score both overall and on 4G over five consecutive years — a remarkable long-term consistency. This year, Tele2 also posts a meaningful improvement in overall Download speed (Mb/s), reaching

45.56 Mb/s (+8% vs. the previous year). Its five-year trend in overall score remains consistently positive, reflecting a network that continues to mature. Notably, on 4G, Tele2 had held the top overall ranking the previous year with a score of 62,618 — making the shift in leadership to Kcell one of the key stories of this edition.

Beeline: Steady Progress, Upload as a Bright Spot

Beeline ranks third overall with a score of 49,760, slightly down from 50,608 the previous year, yet the operator shows meaningful signs of progress. The most notable development is a strong improvement in Upload speed (Mb/s) — up +16% overall compared to the previous period, reaching 11.15 Mb/s. This is the highest upload growth rate recorded among all three operators this year. Beeline also continues its five-year positive trend in overall score, demonstrating that despite a competitive sector, the operator is making gradual but consistent improvements across its network.

Looking Ahead: A Sector in Motion

As nPerf prepares to measure the next cycle, Kazakhstan's mobile sector presents a clear hierarchy — but one that remains open to disruption. Kcell must sustain its Upload speed (Mb/s) momentum and defend its newly won 4G supremacy, particularly in Youtube streaming (%) where Tele2 has historically dominated. Tele2 faces the challenge of recovering its 4G overall leadership, and would benefit from narrowing the latency gap — currently at 51.26 ms overall versus Kcell's 48.78 ms — while protecting its streaming crown. Beeline, for its part, should continue investing in Download speed (Mb/s) and Web Browsing (%), where it still trails significantly, to meaningfully close the gap with the top two operators and consolidate the momentum shown in upload performance.

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

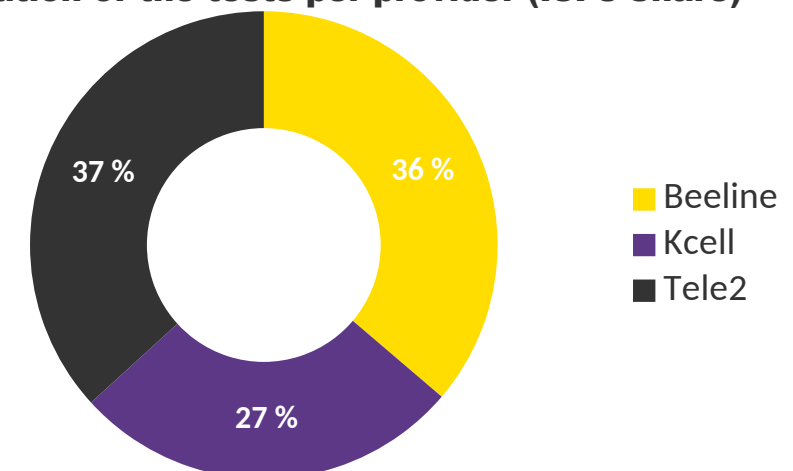
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



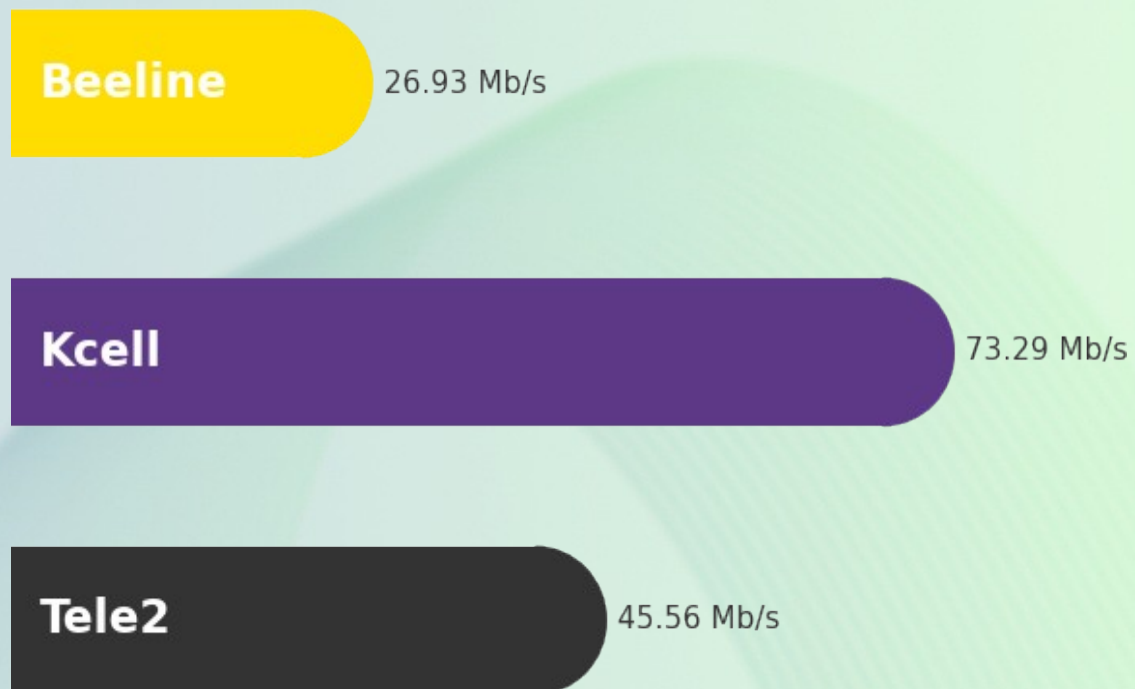
Source : nPerf.com



Download Speed



Download Speed (average)



Source : nPerf.com

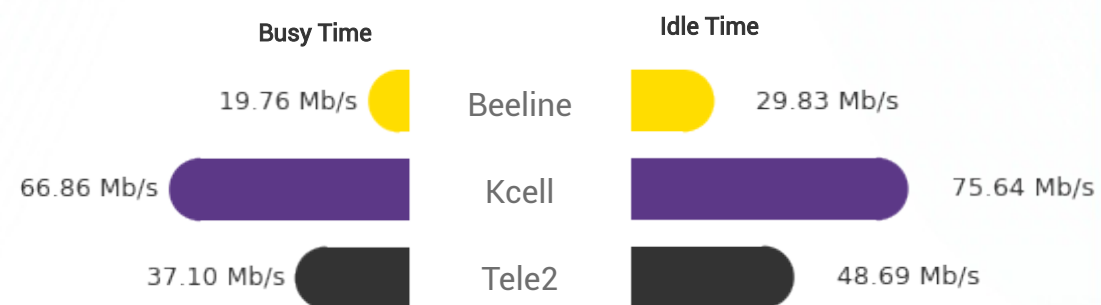
The subscribers of Kcell enjoyed the best Mobile Internet Download Speed in 2026.

Download Speed results distribution (average)



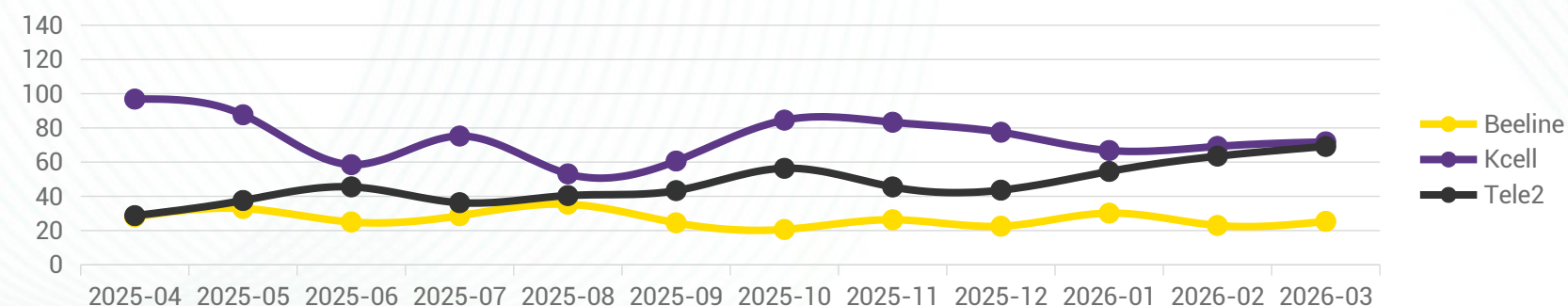
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



Source : nPerf.com



Upload Speed



Upload Speed (average)

Beeline

11.15 Mb/s

Kcell

17.78 Mb/s

Tele2

15.62 Mb/s

Source : nPerf.com

The subscribers of Kcell 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)

Beeline

53%

26%

22%

Kcell

43%

25%

31%

Tele2

49%

21%

30%

Source : nPerf.com

Upload Speed (average)

Busy Time

9.50 Mb/s

Beeline

Idle Time

11.82 Mb/s

16.69 Mb/s

Kcell

18.17 Mb/s

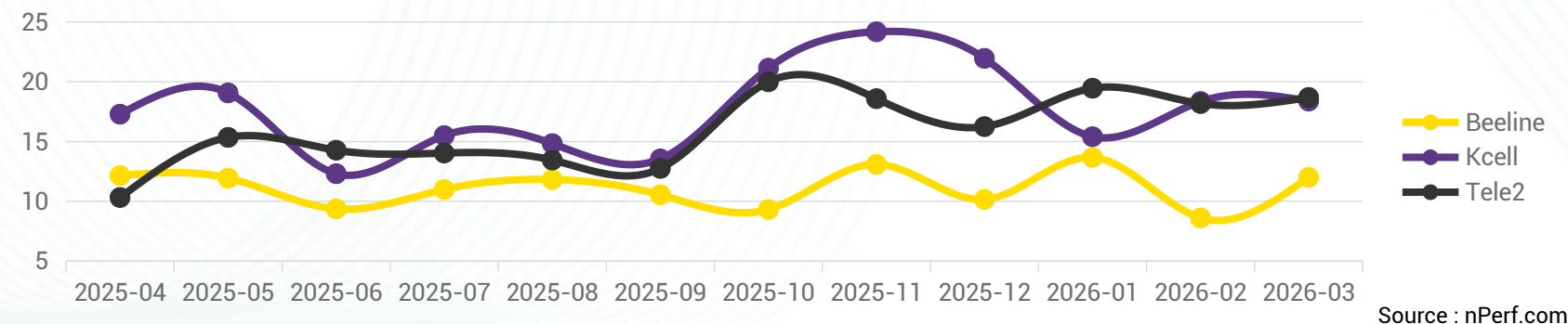
13.81 Mb/s

Tele2

16.29 Mb/s

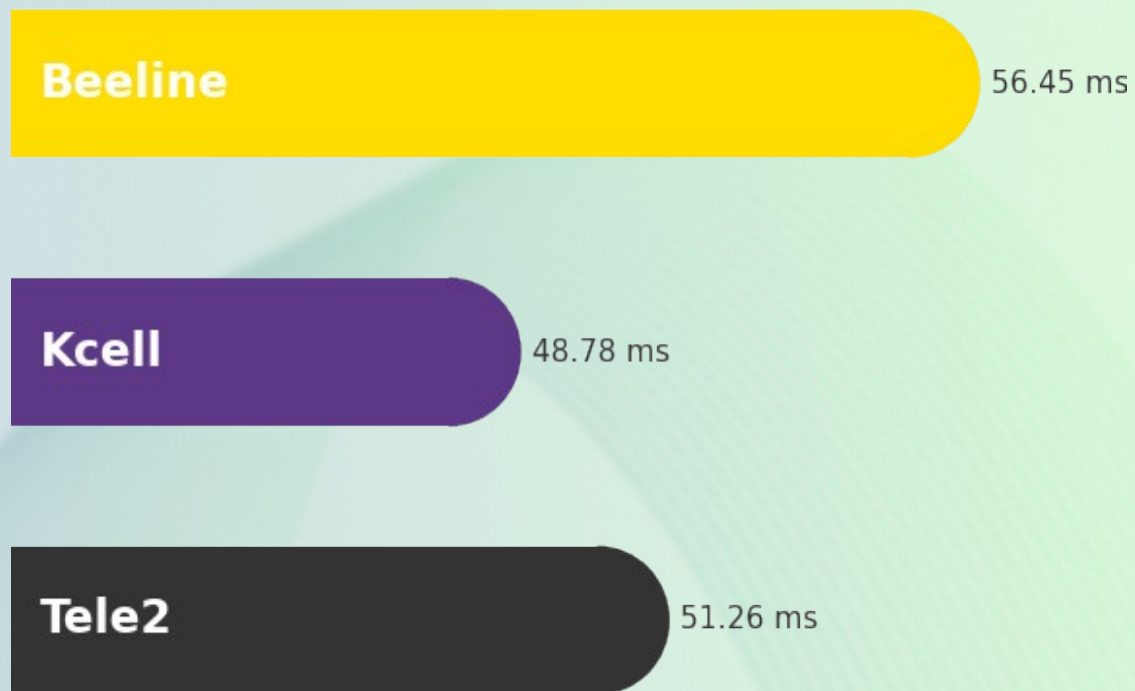
Source : nPerf.com

Upload Speed evolution over the year (average)





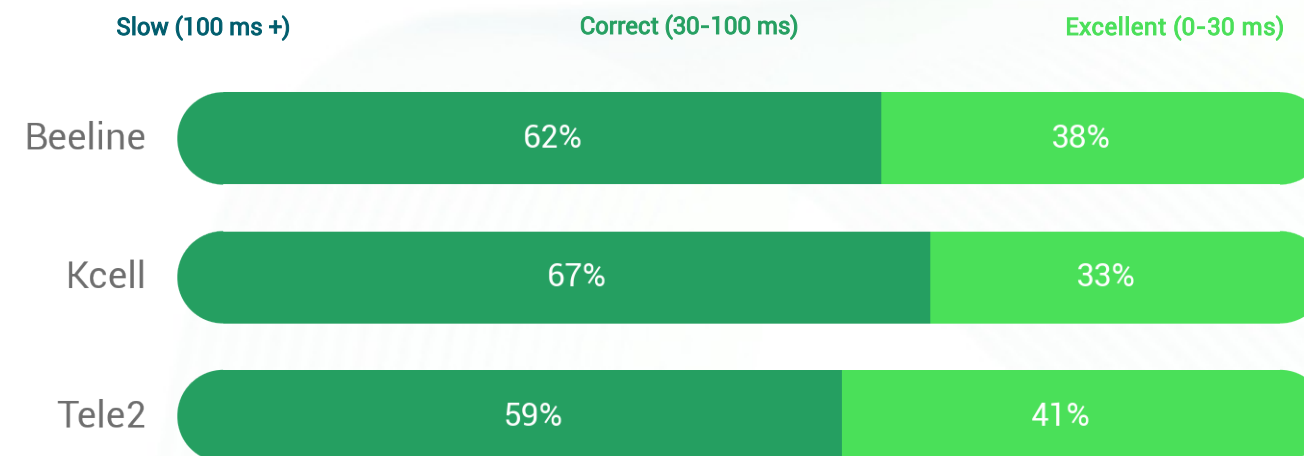
Latency (average)



Source : nPerf.com

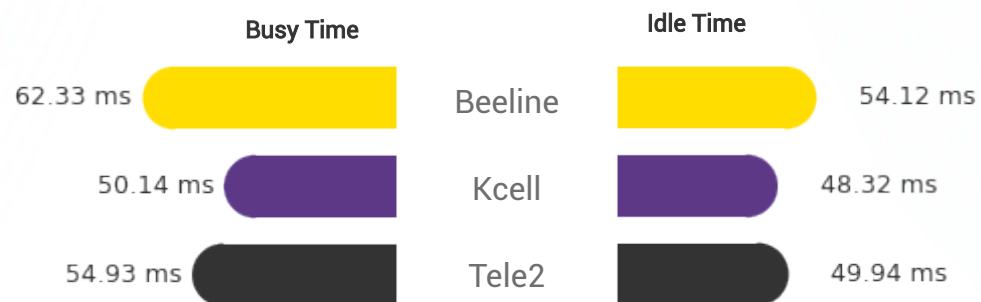
The subscribers of Kcell enjoyed the best Mobile Internet Latency in 2026.

Latency results distribution (average)



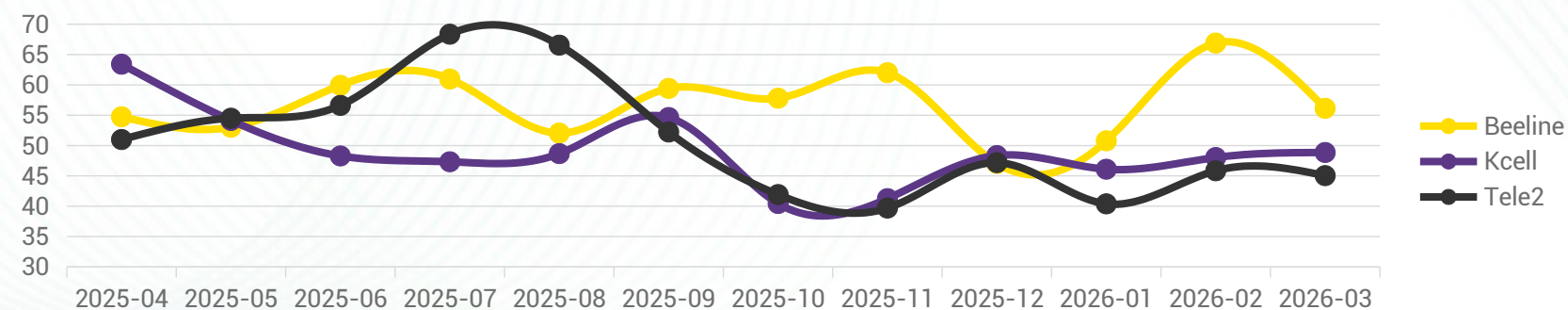
Source : nPerf.com

Latency (average)



Source : nPerf.com

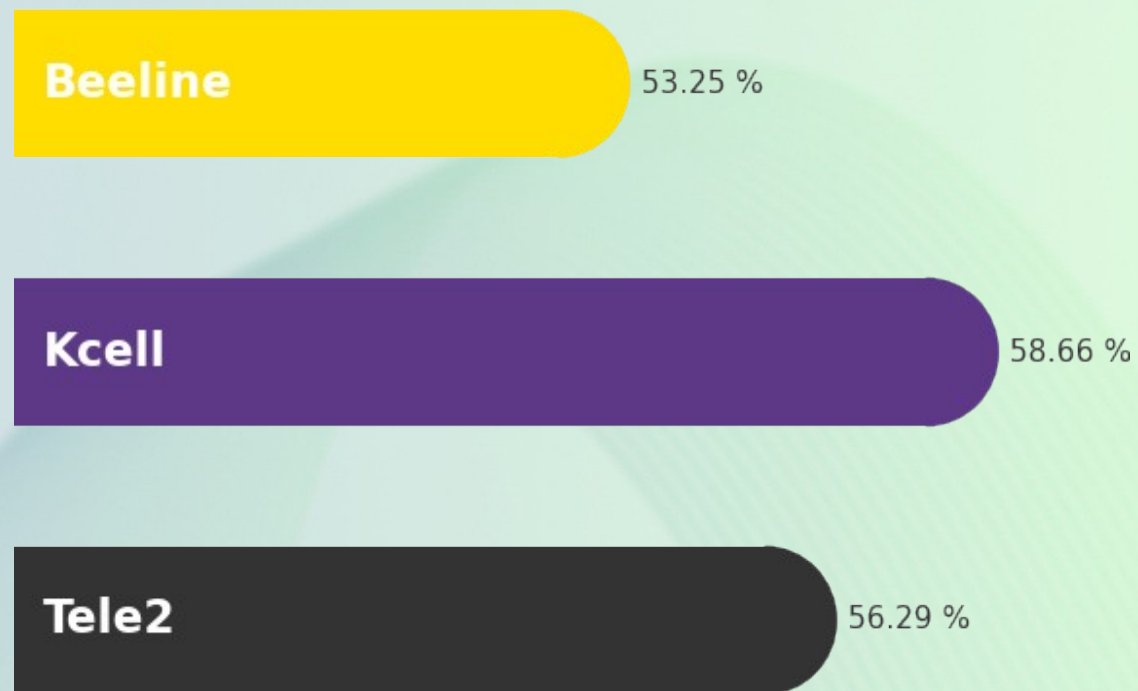
Latency evolution over the year (average)



Source : nPerf.com



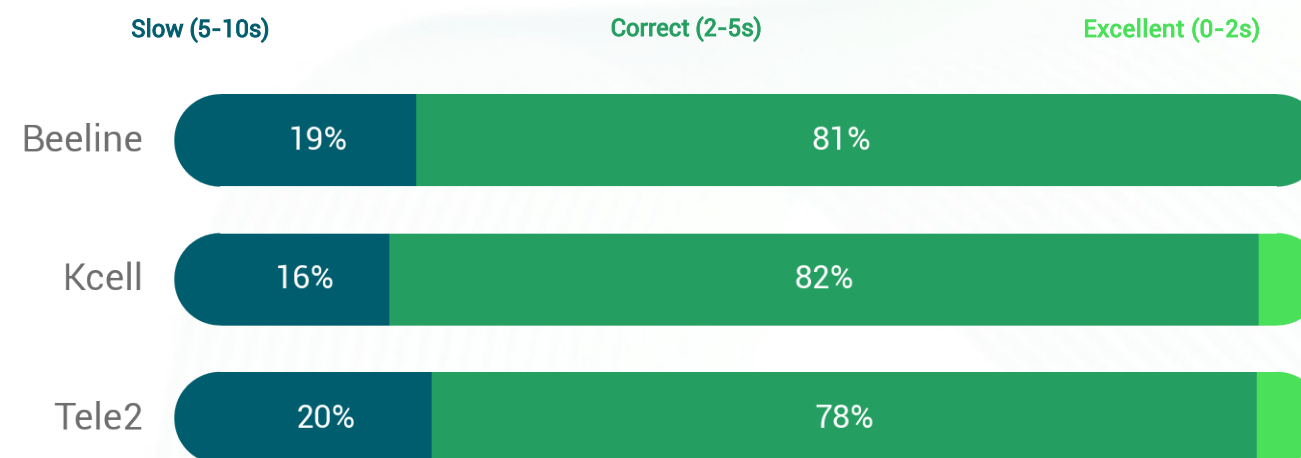
Browsing Performance (average)



Source : nPerf.com

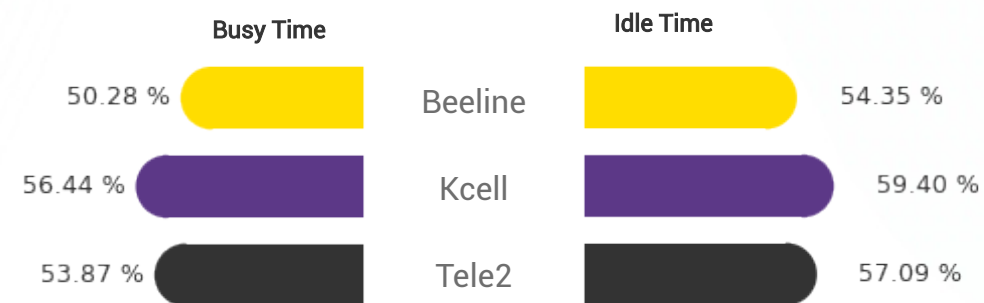
The subscribers of Kcell enjoyed the best Mobile Internet Browsing Performance in 2026.

Browsing Performance results distribution (average)



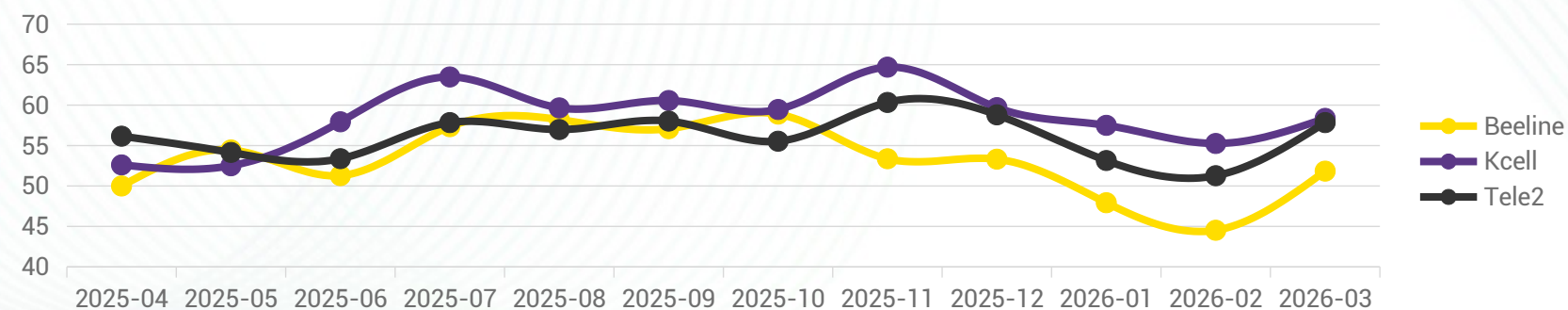
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



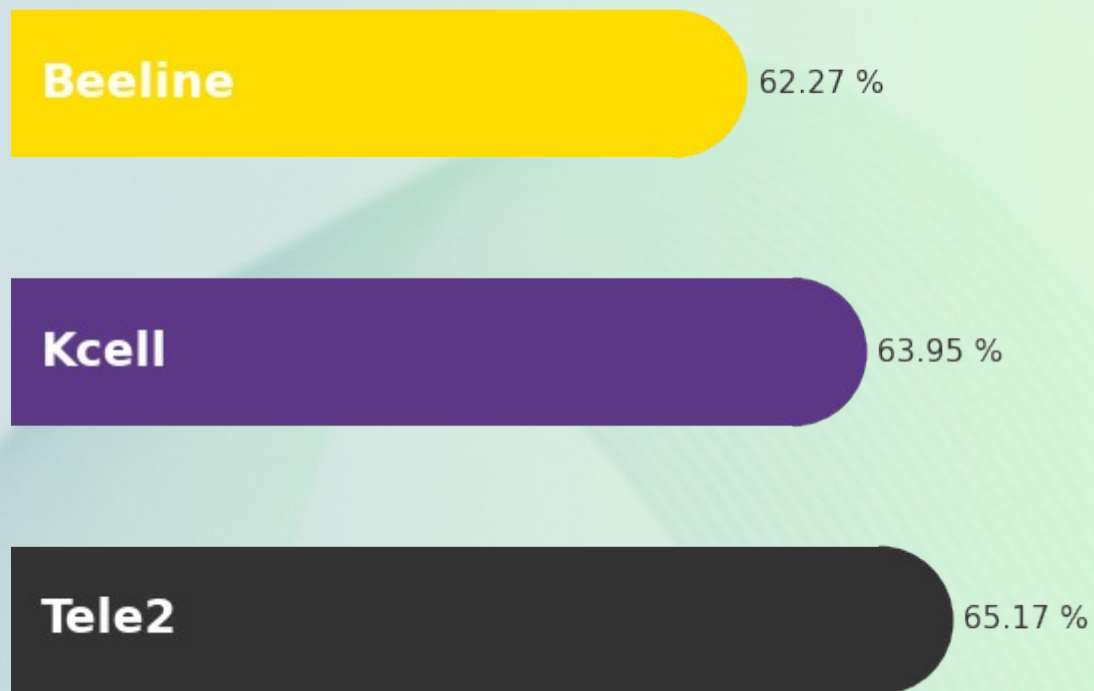
Source : nPerf.com



Streaming Performance



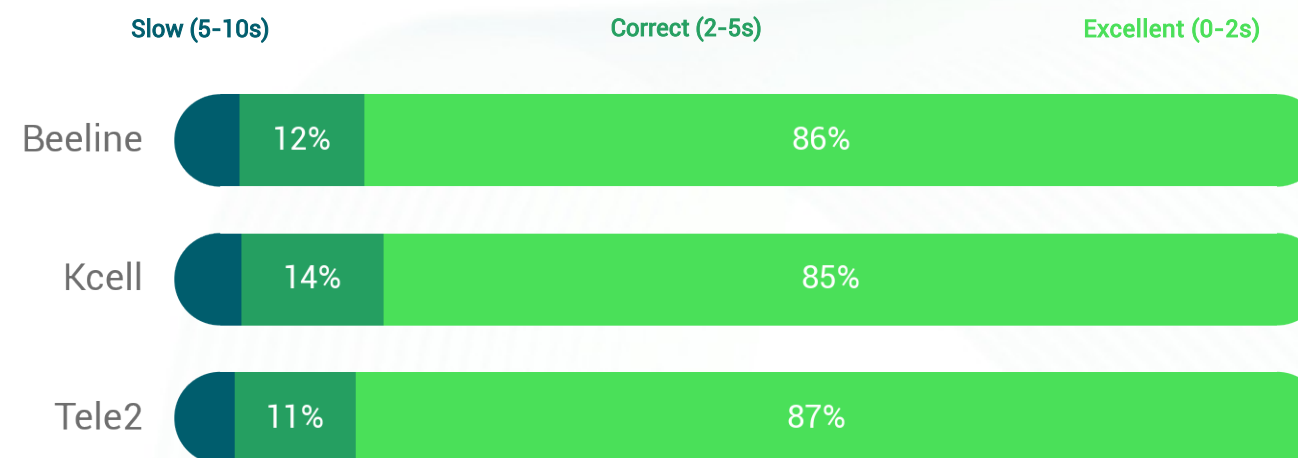
Streaming Performance (average)



Source : nPerf.com

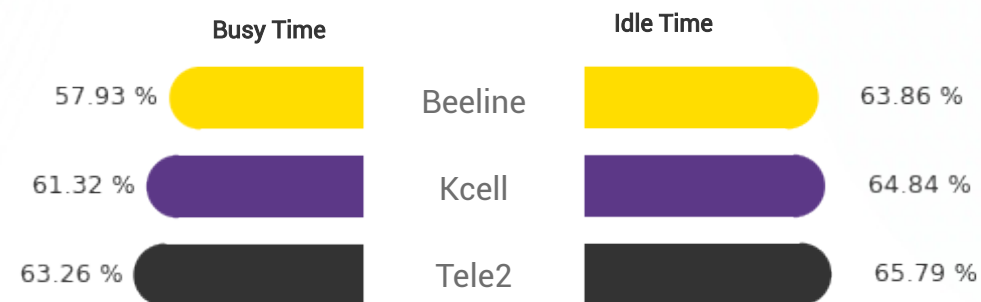
The subscribers of Kcell and Tele2 enjoyed the best Mobile Internet Streaming Performance in 2026.

Streaming Performance results distribution (average)



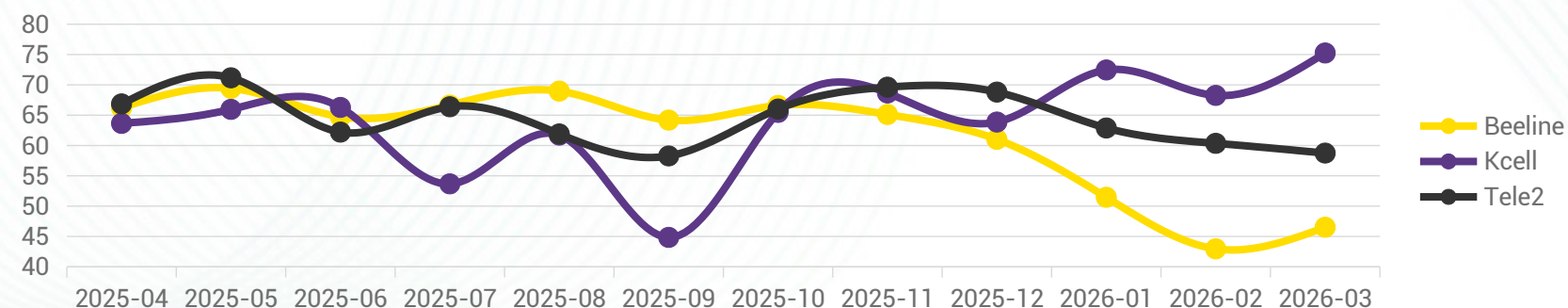
Source : nPerf.com

Streaming Performance (average)



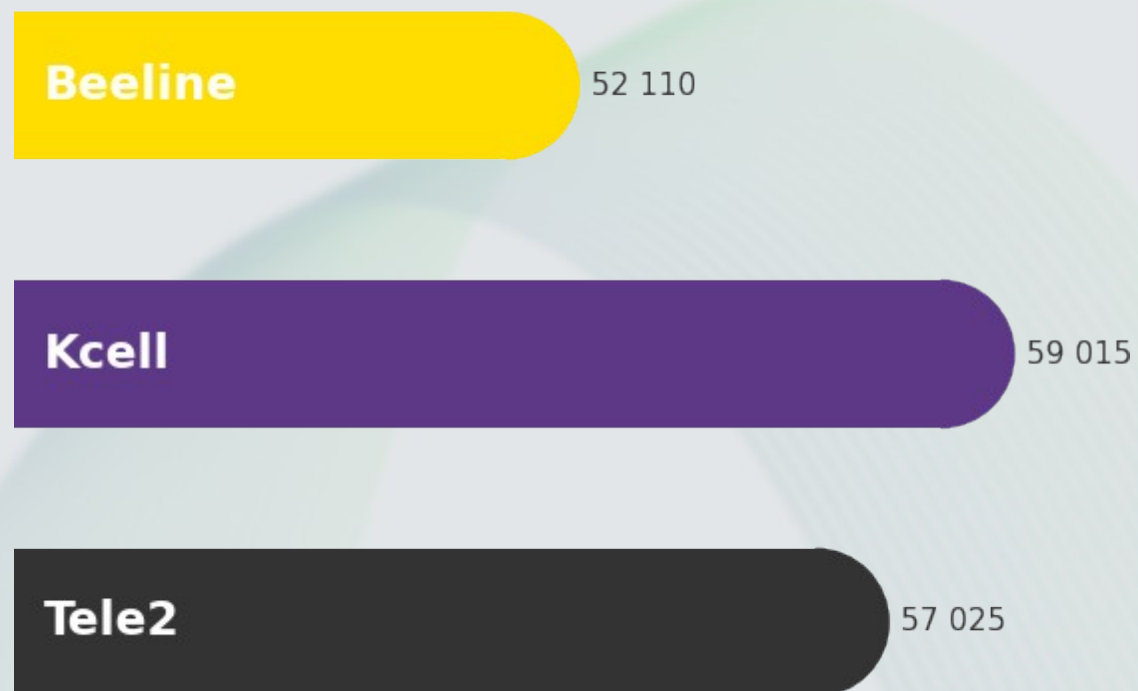
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Kcell enjoyed the best 4G Internet in 2026.

Best performances 4G: Kcell

Fastest performances (Download Speed) 4G: Kcell

Fastest performances (Upload Speed) 4G: Kcell

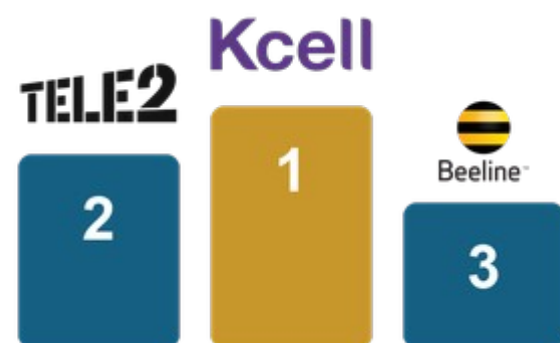
4G connections with the lowest latency: Kcell

Best web browsing performances 4G: Kcell

Best streaming performances 4G: Tele2

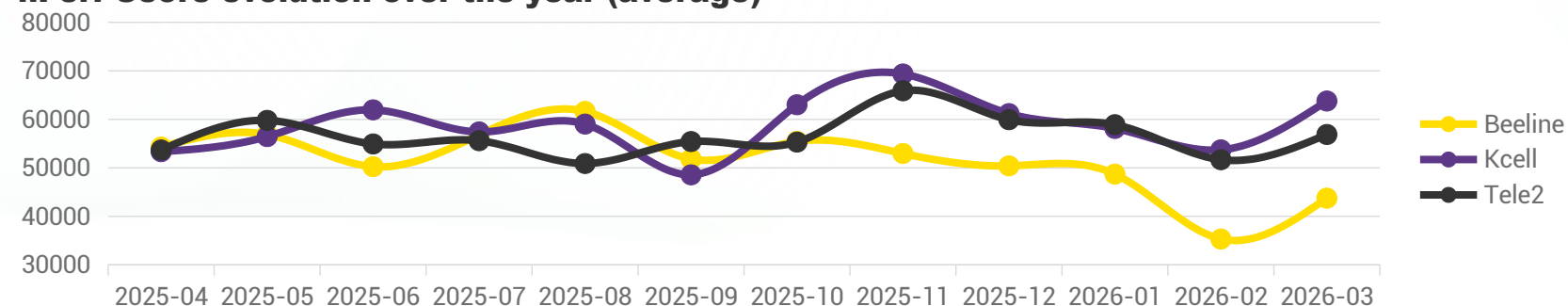
Source : nPerf.com

nPerf Podium



Source : nPerf.com

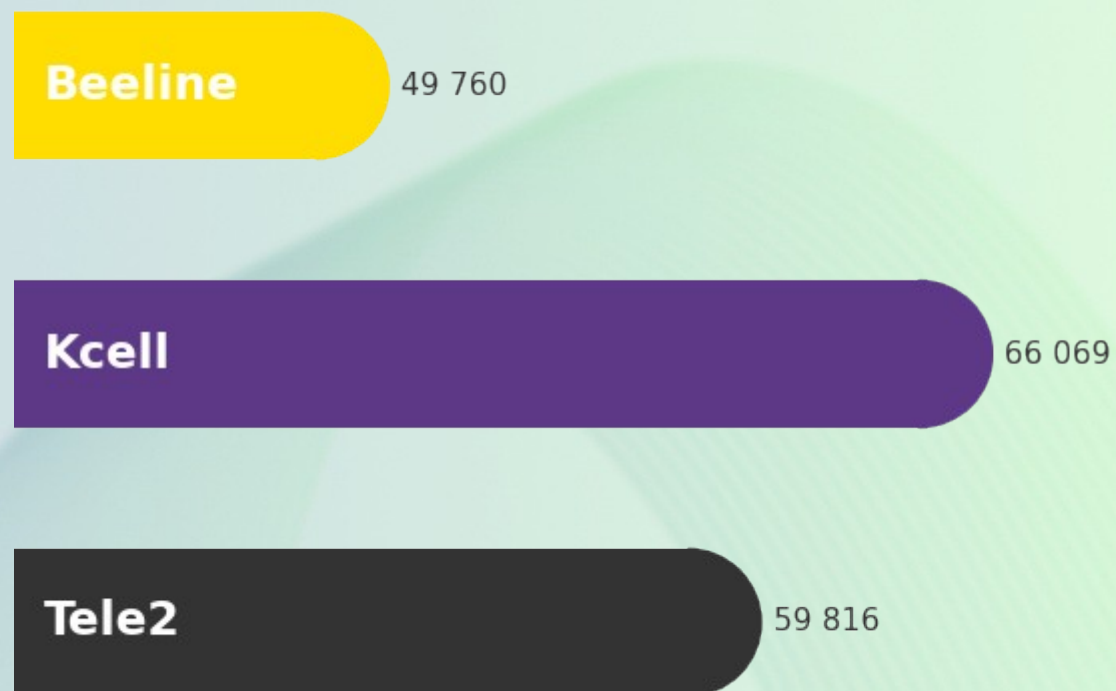
nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Kcell 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

Kcell

Best Mobile Internet performance in 2026



TELE2



Kcell

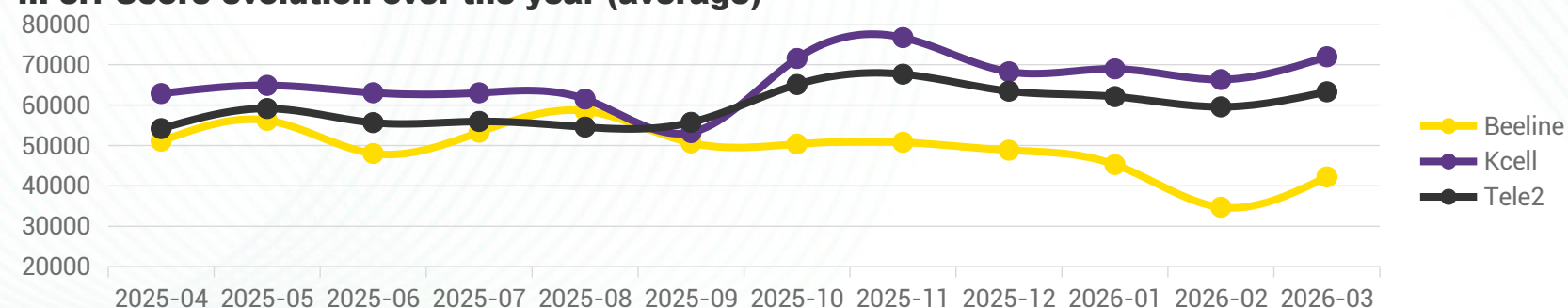


nPerf Podium



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com

