



Barometer of mobile Internet connections in Israel

01/01/2025 - 12/31/2025



1

**Introducing
nPerf**

2

**Executive
summary**

3

Analysis

4

Methodology

5

**nPerf Network
assessment**

1. Introducing nPerf



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.



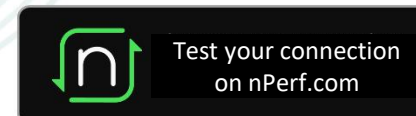
26Md+ coverage
scans in total.



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 Cellcom enjoyed the best Mobile Internet performances in 2025 in Israel.

Mobile Internet performance in Israel

	Cellcom	HOT	Partner	Telephone
▼ Download bitrates (Mb/s)	145.45	79.67	151.67	71.10
▲ Upload bitrates (Mb/s)	24.54	10.95	19.02	10.96
◀▶ Latency (ms)	41.39	80.73	53.23	44.52
🌐 Web browsing (%)	44.25	37.71	43.49	42.10
📺 Youtube streaming (%)	77.35	69.48	75.04	72.87
📶 nPerf Score (nPoints)	75 292	52 827	70 160	60 362

Source : nPerf.com



Best Mobile Internet performance
in 2025



Source : nPerf.com



1



4



2



3

Source : nPerf.com

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

Mobile Internet performance in Israel

	Cellcom	HOT	Partner	Pelephone
 Download bitrates (Mb/s)	241.16	251.18	214.20	121.50
 Upload bitrates (Mb/s)	36.35	27.33	24.72	13.58
 Latency (ms)	39.95	84.11	58.14	37.03
 Web browsing (%)	49.46	45.37	44.54	47.84
 Youtube streaming (%)	79.02	80.42	72.84	80.24
 nPerf Score (nPoints)	87 052	77 600	73 125	75 801

Source : nPerf.com

The Israel mobile Internet sector displays an average score of 64,638 nPoints. Cellcom leads the sector with 75,292 nPoints, dominating upload speed, latency and video streaming. The sector shows strong competition with Partner and Cellcom alternating leadership positions in 5G between the two periods.

Cellcom: consolidated leadership position

Cellcom takes first place with 75,292 nPoints and leads on 5G connectivity. The operator delivers the best upload speed at 24.54 Mbps, ideal for video conferencing and content sharing. It achieves optimal latency of 41.39 ms, perfect for online gaming and real-time communications. Cellcom shares first place ex-aequo in browsing (44.25%) and dominates video streaming with 77.35%, ensuring a smooth viewing experience.

Partner: competitive download performance

Partner ranks second with 70,160 nPoints and leads in download speed at 151.67 Mbps, very good for HD streaming and large file downloads. The operator achieves second place in upload with 19.02 Mbps and shares first place ex-aequo in browsing (43.49%), offering quality navigation.

Pelephone: quality latency performance

Pelephone ranks third with 60,362 nPoints and achieves second place in latency (44.52 ms), suitable for real-time applications. The operator displays balanced performance across usage indicators.

HOT: solid positioning

HOT ranks fourth with 52,827 nPoints and achieves third place in download speed at 79.67 Mbps.

Cellcom consolidates its sector leadership with balanced performance across all indicators. The sector demonstrates strong competition particularly on download speeds and 5G connectivity. Users benefit from high-performance services, especially for streaming and video conferencing.

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

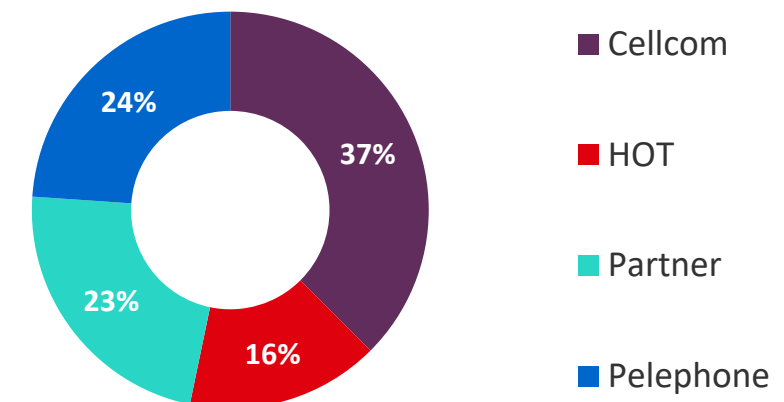
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



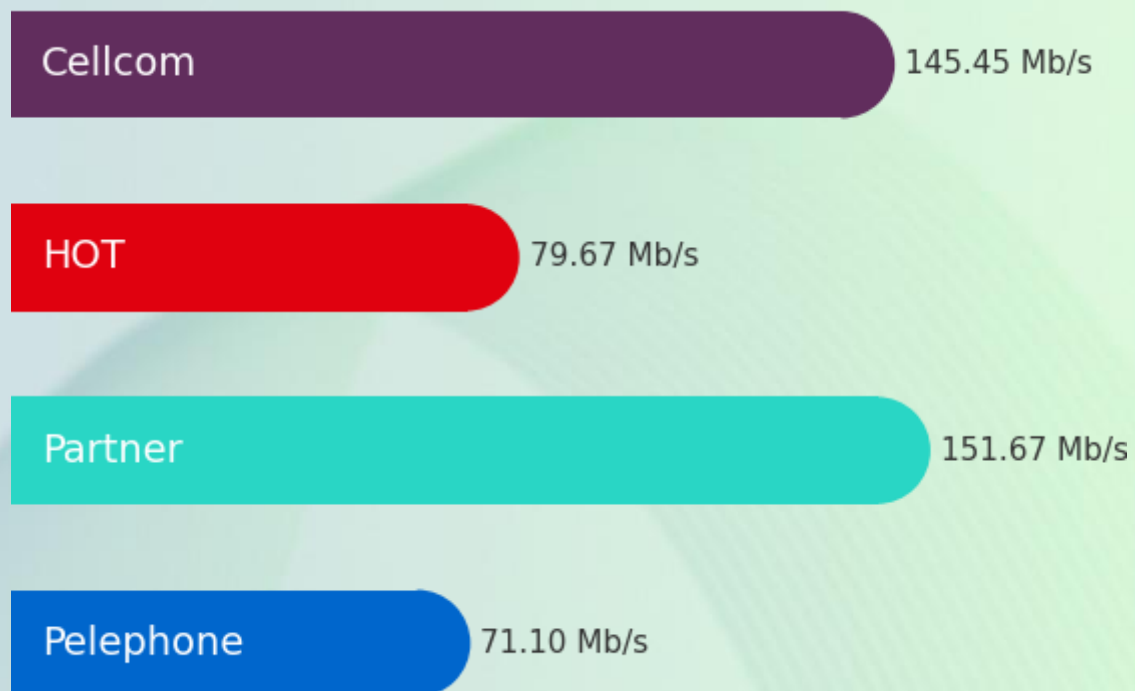
Source : nPerf.com



Download Speed



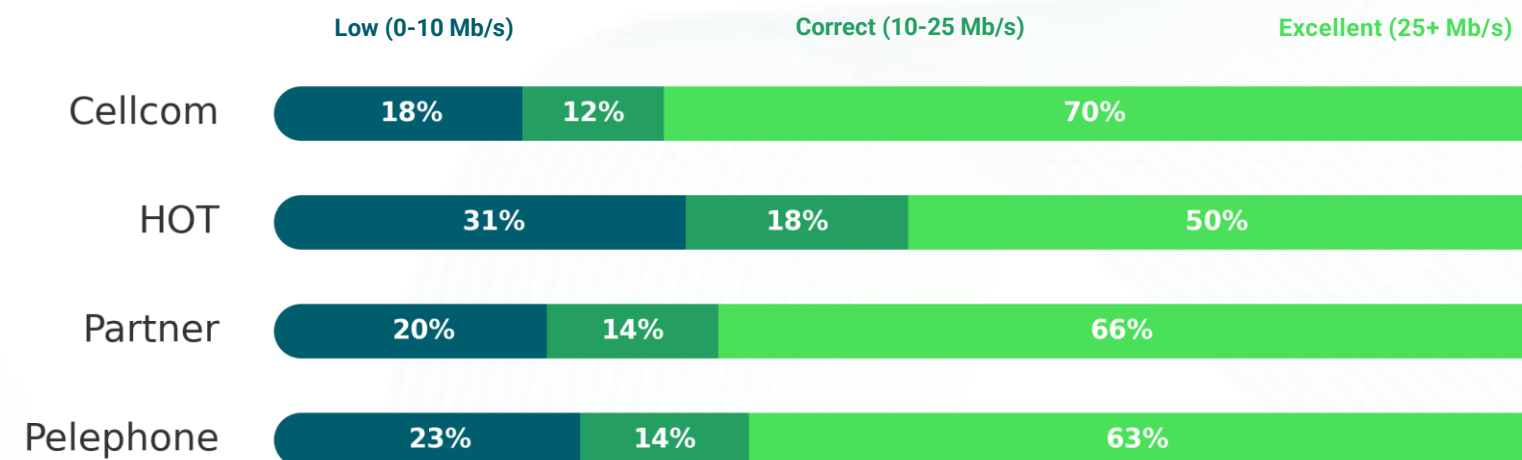
Download Speed (average)



Source : nPerf.com

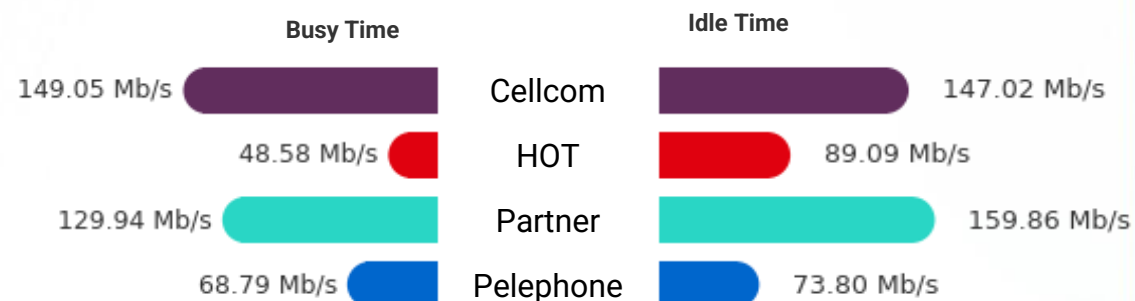
The subscribers of Partner enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)



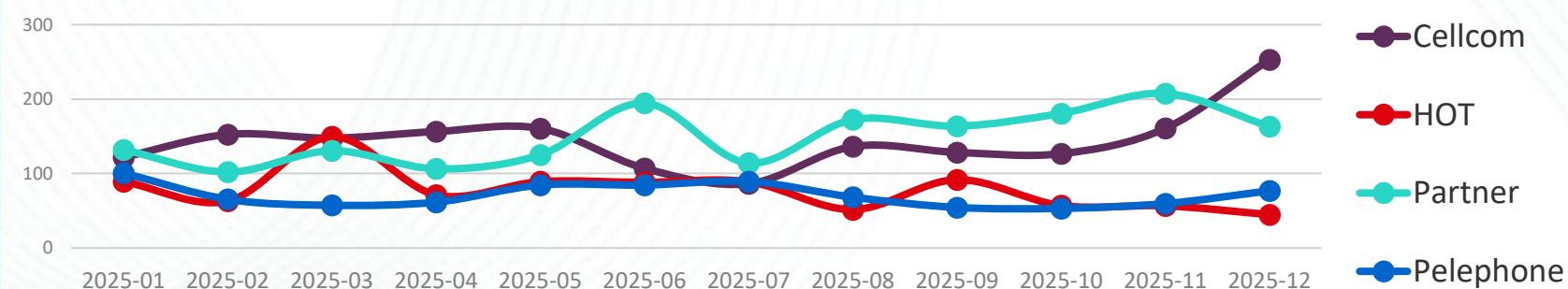
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



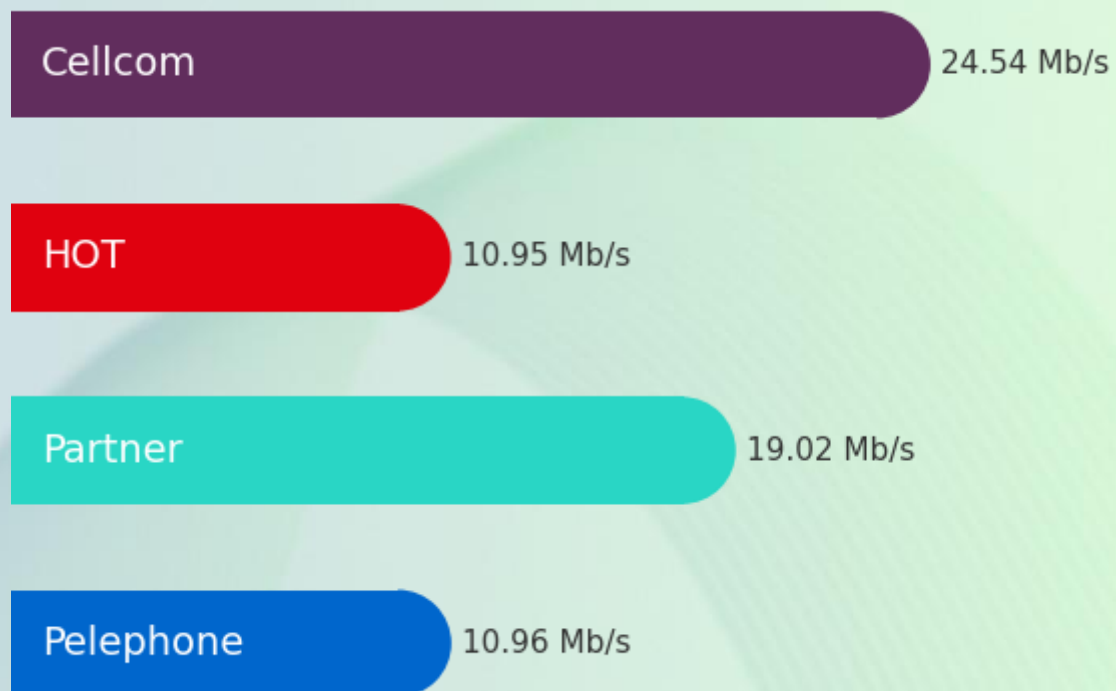
Source : nPerf.com



Upload Speed



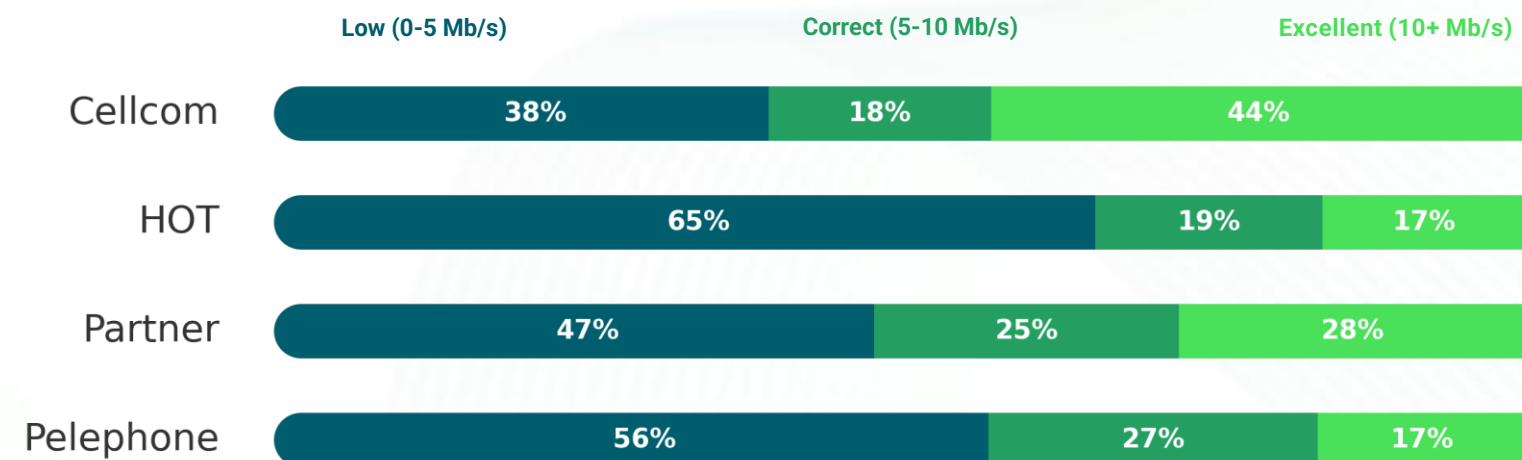
Upload Speed (average)



Source : nPerf.com

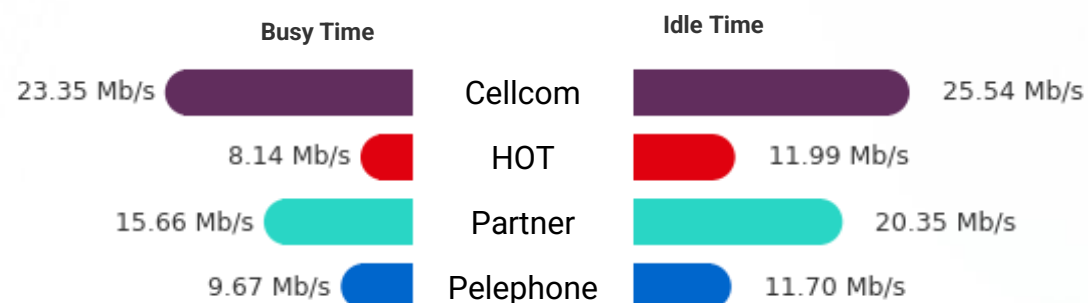
The subscribers of Cellcom enjoyed the best Mobile Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



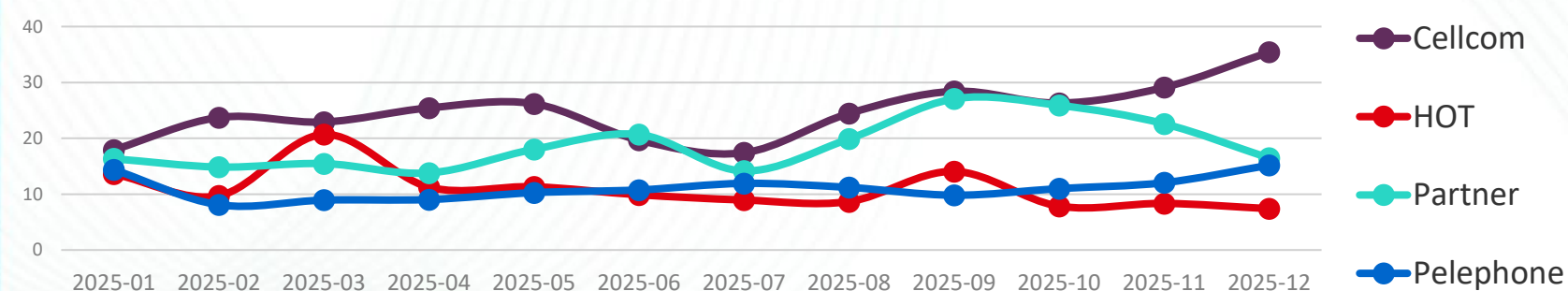
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

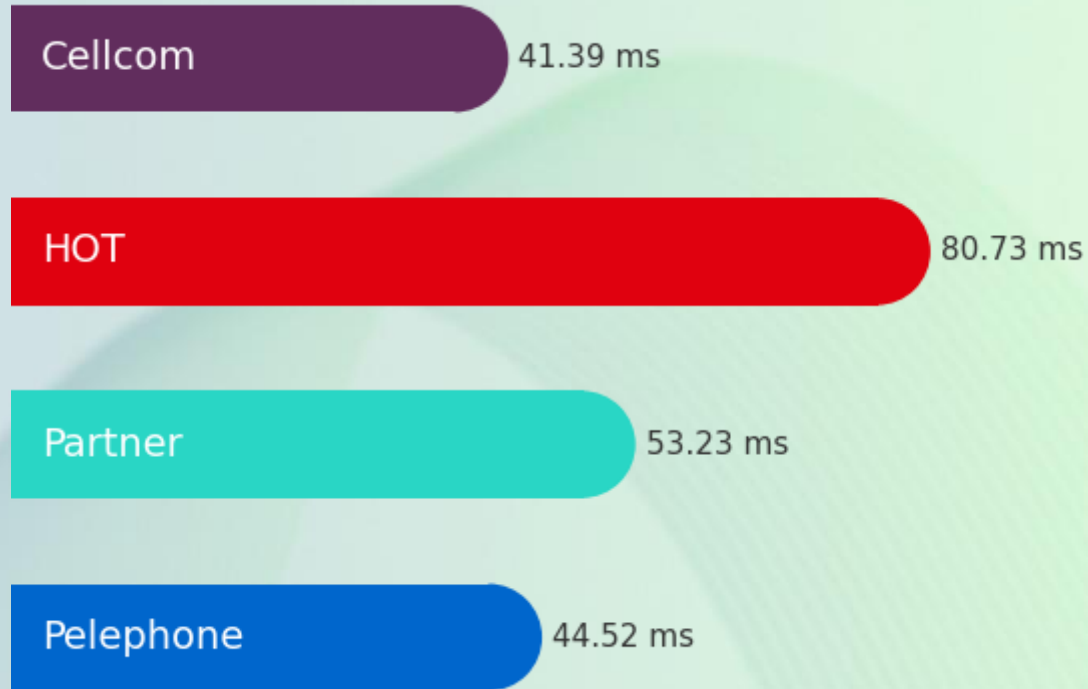
Upload Speed evolution over the year (average)



Source : nPerf.com



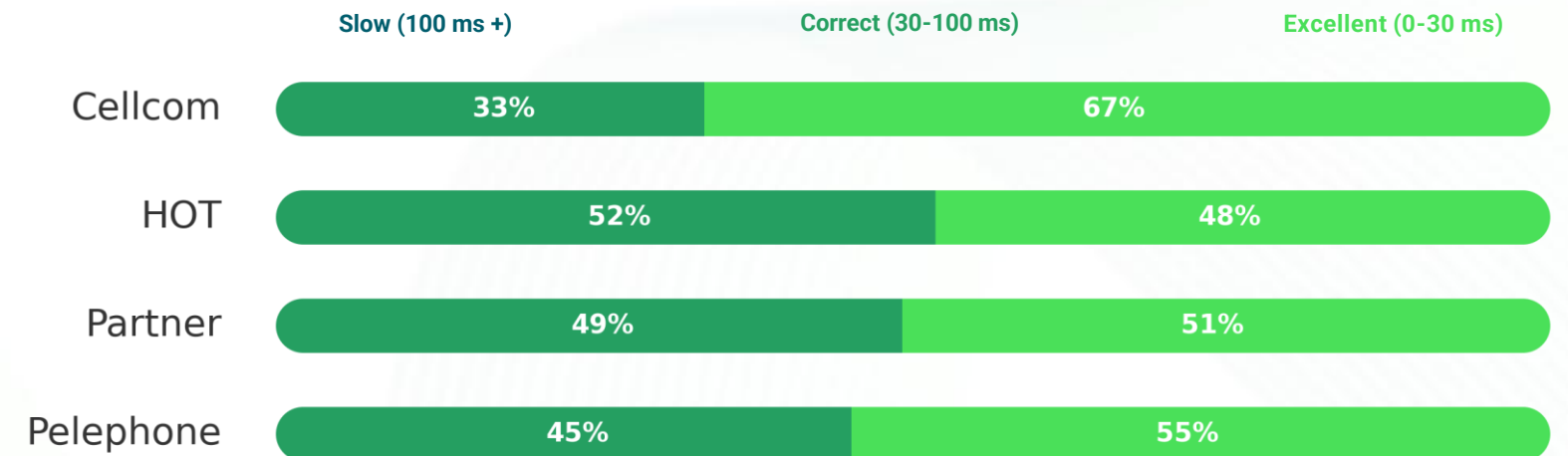
Latency (average)



Source : nPerf.com

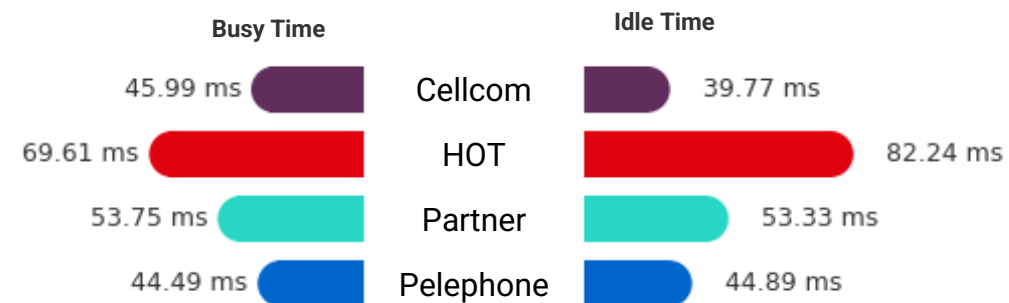
The subscribers of Cellcom enjoyed the best Mobile Internet Latency in 2025.

Latency results ventilation (average)



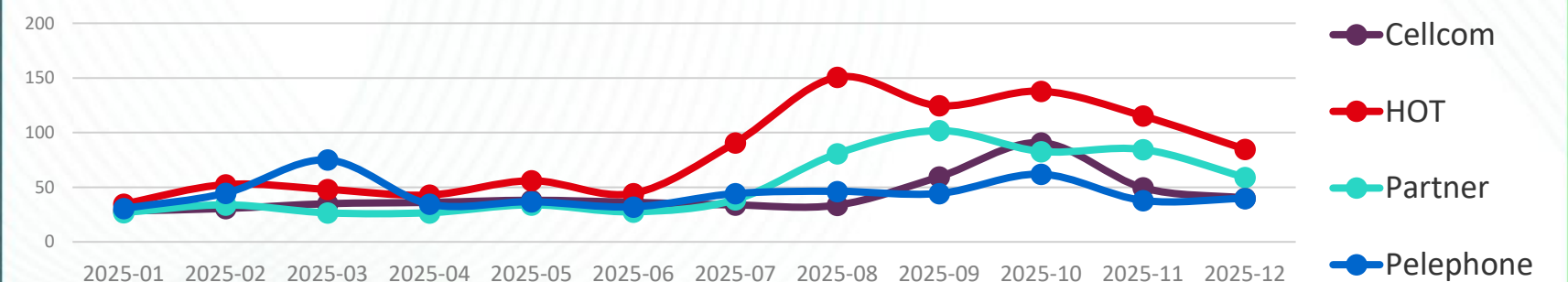
Source : nPerf.com

Latency (average)



Source : nPerf.com

Latency evolution over the year (average)



Source : nPerf.com



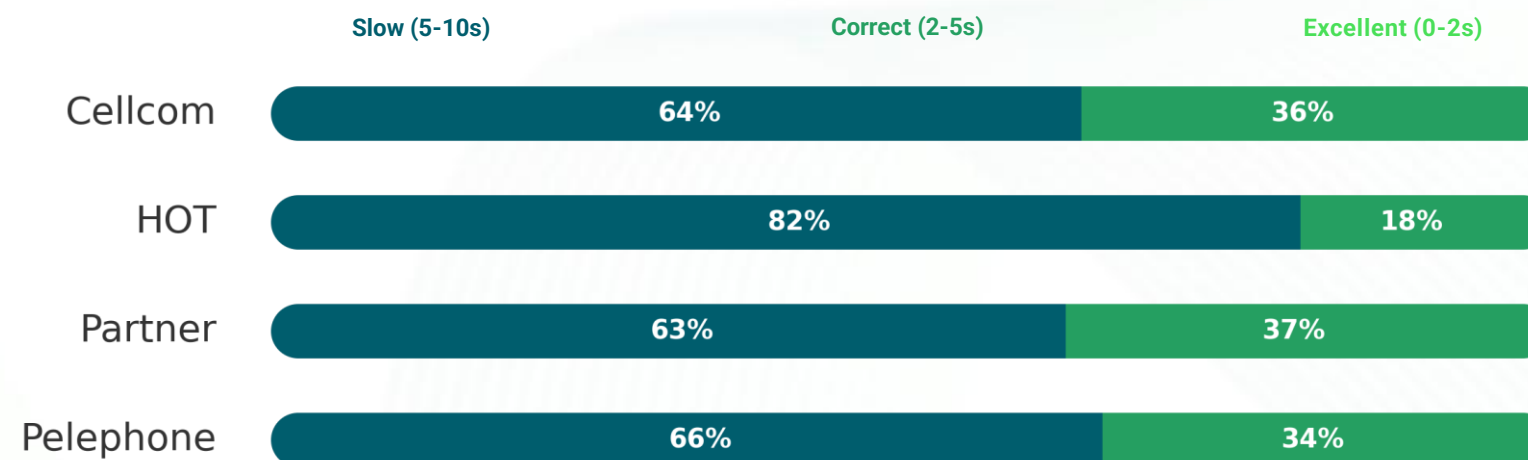
Browsing Performance (average)



Source : nPerf.com

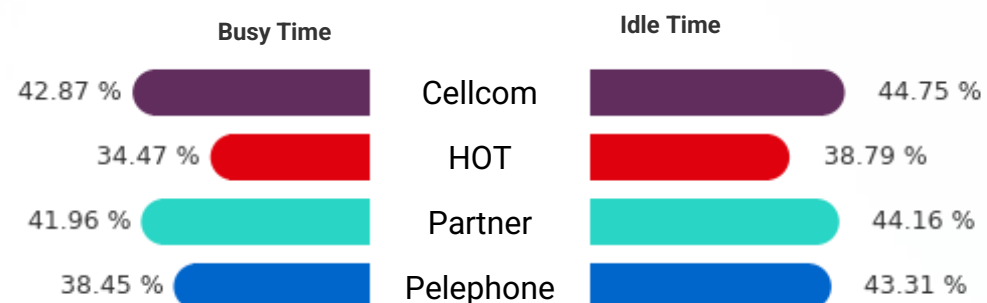
The subscribers of Cellcom and Partner enjoyed the best Mobile Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



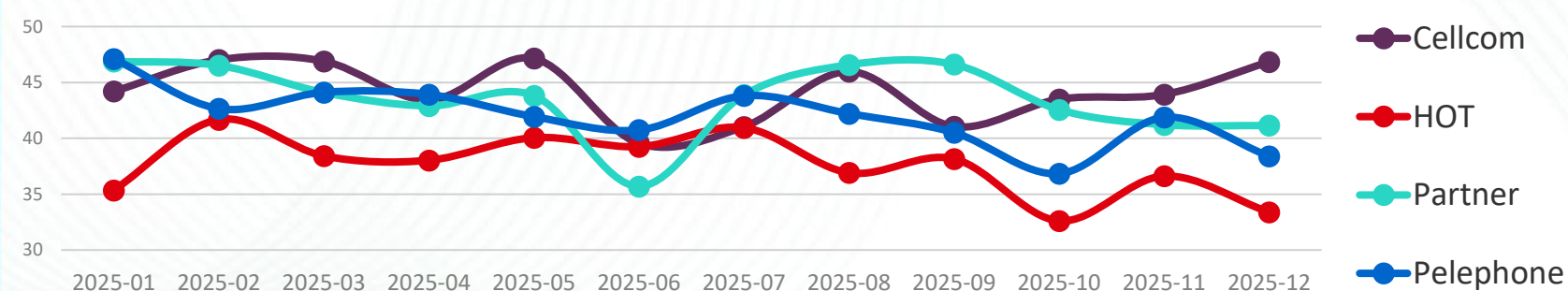
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



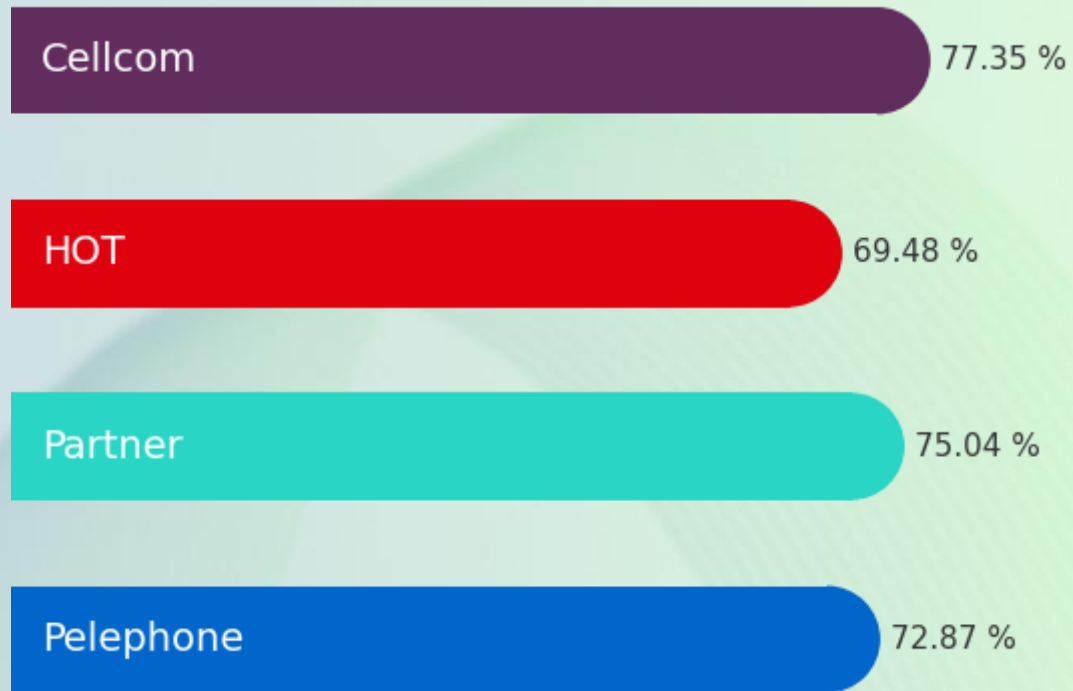
Source : nPerf.com



Streaming Performance



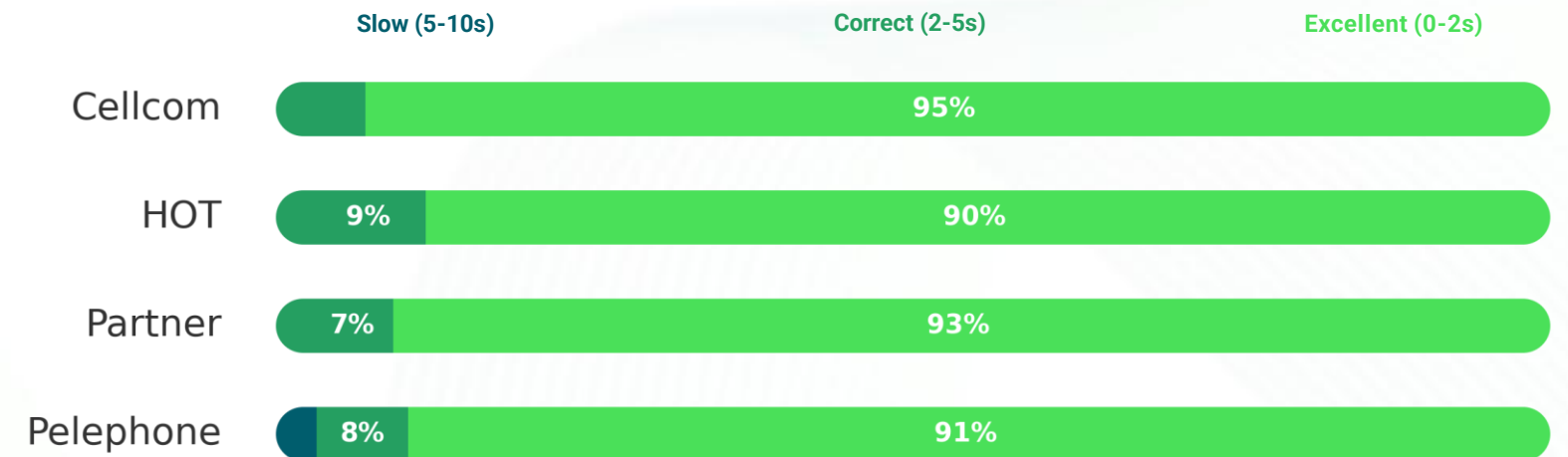
Streaming Performance (average)



Source : nPerf.com

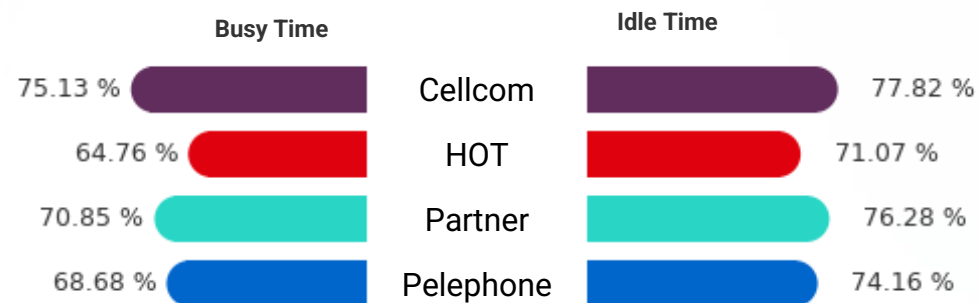
The subscribers of Cellcom enjoyed the best Mobile Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



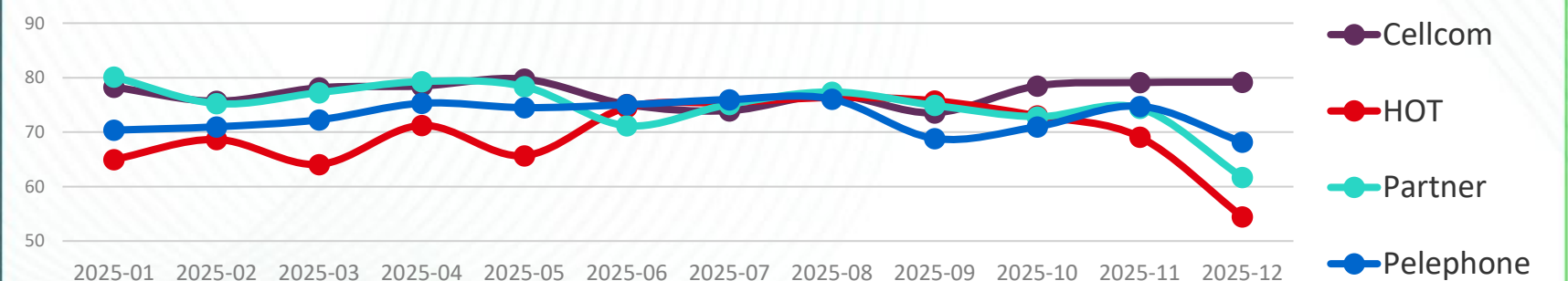
Source : nPerf.com

Streaming Performance (average)



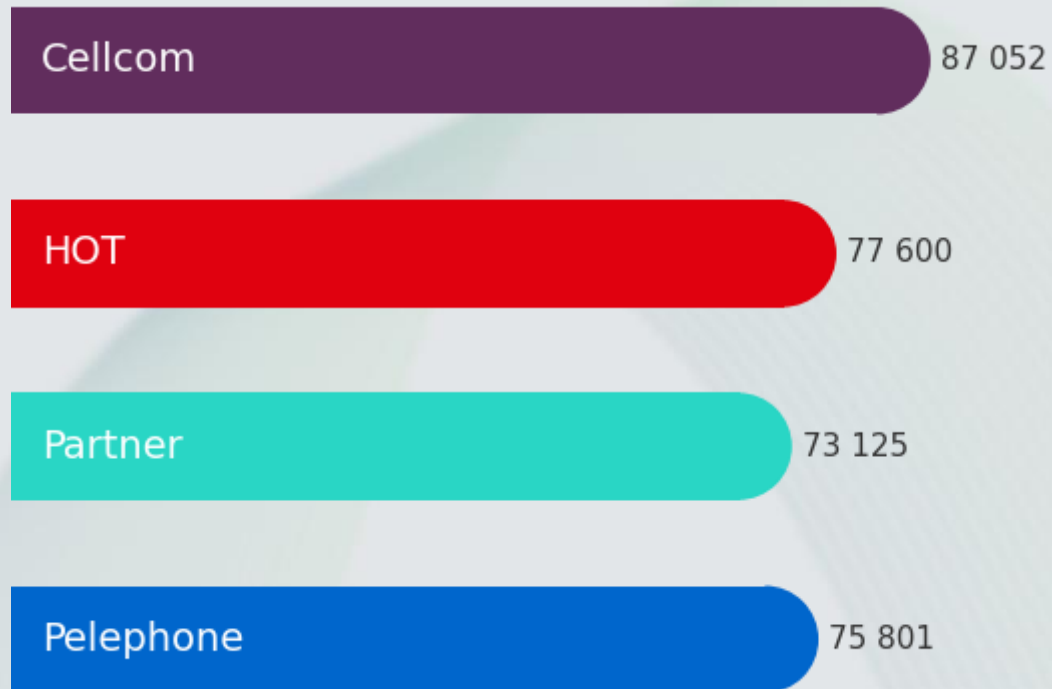
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

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

Best performances 5G: Cellcom

Fastest performances (Download Speed) 5G: HOT

Fastest performances (Upload Speed) 5G: Cellcom

5G connections with the lowest latency: Pelephone

Best web browsing performances 5G: Cellcom

Best streaming performances 5G: Cellcom, HOT and Pelephone

Source : nPerf.com

דירוג



1

HOT



2

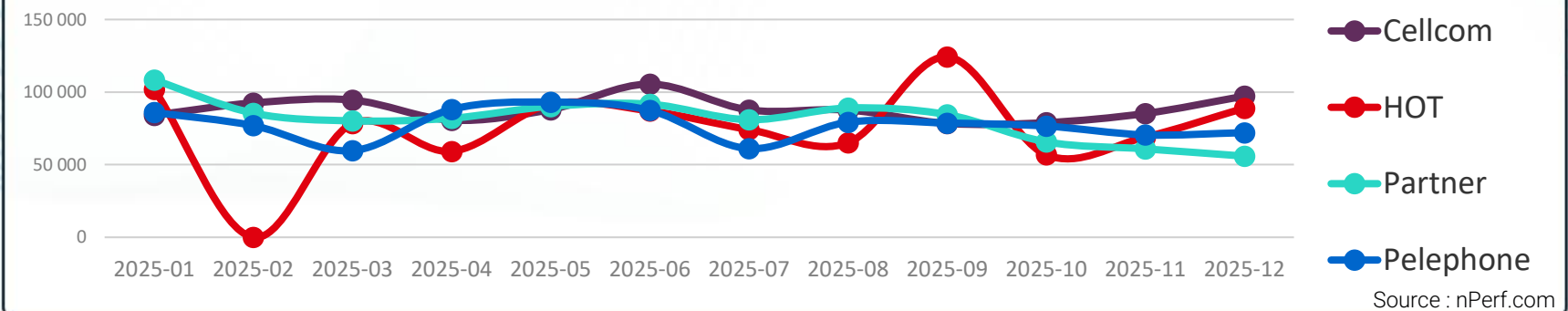
Partner



4

Source : nPerf.com

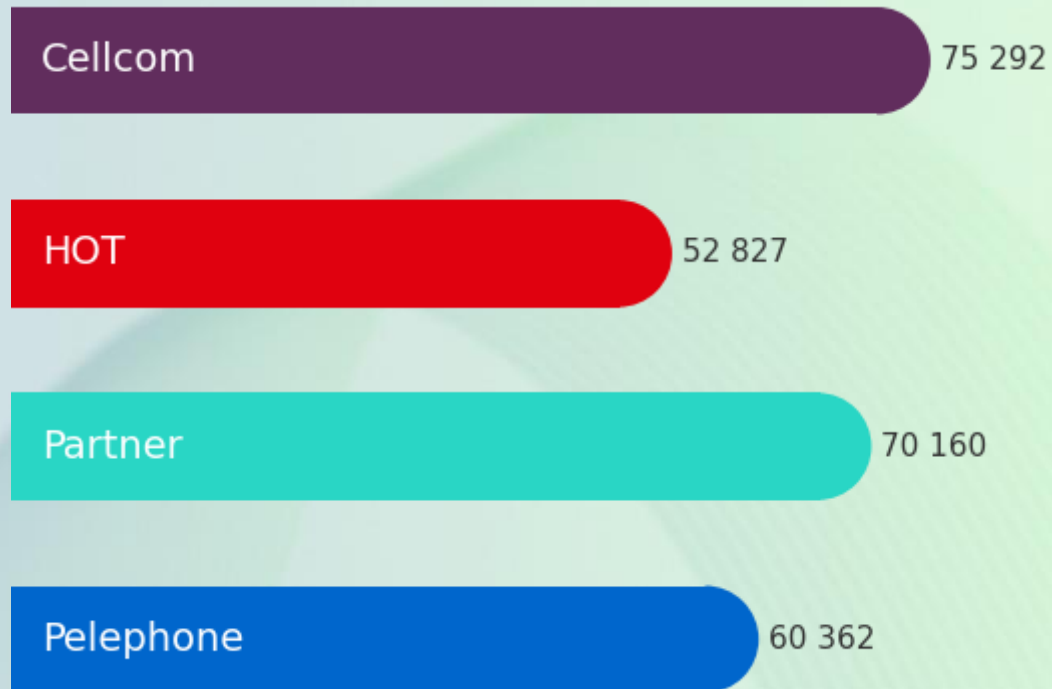
5G evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Cellcom 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



Best Mobile Internet performance in 2025



1



4



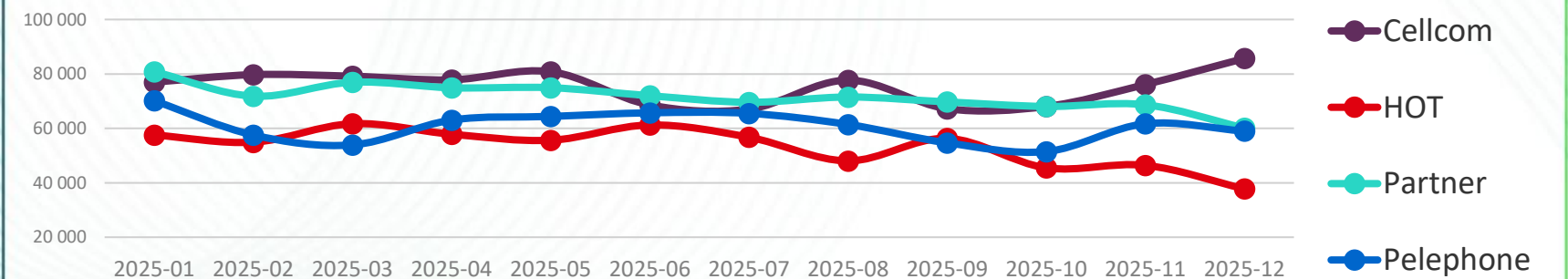
2



3

Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

