



Barometer of fixed Internet connections in Israel

01/01/2025 - 12/31/2025



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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.



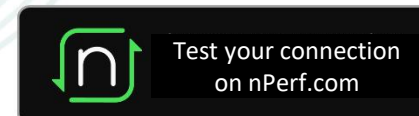
26Md+ coverage
scans in total.



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 Bezeq, HOTnet and Partner enjoyed the best Fixed Internet performances in 2025 in Israel.

Fixed Internet performance in Israel

	Bezeq	Cellcom	HOTnet	Partner
▼ Download bitrates (Mb/s)	288.14	242.47	299.35	291.55
▲ Upload bitrates (Mb/s)	117.02	66.20	77.77	105.25
◀▶ Latency (ms)	28.21	28.30	22.11	25.23
🌐 Web browsing (%)	56.80	47.13	55.47	56.40
📺 Youtube streaming (%)	85.82	78.69	83.68	85.05
📊 nPerf Score (nPoints)	109 850	92 345	108 606	110 024

Source : nPerf.com



Best Fixed Internet performance
in 2025



Source : nPerf.com



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Source : nPerf.com

The subscribers of Partner enjoyed the best WIFI Internet in 2025 in Israel.

Fixed Internet performance in Israel

	Bezeq	Cellcom	HOTnet	<u>Partner</u>
 Download bitrates (Mb/s)	221.17	238.71	272.19	252.23
 Upload bitrates (Mb/s)	88.49	68.10	77.22	96.49
 Latency (ms)	30.32	25.11	21.96	25.41
 Web browsing (%)	57.26	54.51	55.68	59.49
 Youtube streaming (%)	86.50	84.17	83.84	86.89
 nPerf Score (nPoints)	105 155	103 370	107 908	111 583

Source : nPerf.com

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

Fixed Internet performance in Israel

	Bezeq	Cellcom	HOTnet	Partner
 Download bitrates (Mb/s)	584.06	557.76	525.28	473.58
 Upload bitrates (Mb/s)	321.34	206.54	170.09	239.18
 Latency (ms)	23.86	14.29	14.69	20.42
 Web browsing (%)	60.63	61.84	58.01	62.83
 Youtube streaming (%)	87.52	88.49	87.68	86.92
 nPerf Score (nPoints)	130 631	135 856	129 582	130 004

Source : nPerf.com

The Israeli fixed-line Internet sector achieves an average score of 105,206 nPoints. Three operators share leadership ex-aequo: Partner (110,024 nPoints), Bezeq (109,850 nPoints), and HOTnet (108,606 nPoints), demonstrating exceptional competitive intensity. The sector features quality across all indicators with download speeds reaching 299.35 Mbps and upload speeds up to 117.02 Mbps.

Partner: leadership in download and browsing

Partner leads the sector with 110,024 nPoints and shares first place ex-aequo on download speed with HOTnet (291.55 Mbps), perfect for HD streaming. The operator dominates browsing with 56.40% (ex-aequo with Bezeq), ensuring fast web navigation. With upload speed of 105.25 Mbps (2nd place), Partner provides quality experiences for videoconferencing and content sharing.

Bezeq: dominance in upload and video streaming

Bezeq ranks first ex-aequo with 109,850 nPoints and leads upload speed with 117.02 Mbps, ideal for professional videoconferencing. The operator dominates video streaming (85.82%) and browsing (56.80%, ex-aequo), delivering a balanced user experience. Bezeq demonstrates strong performance in download speed with 288.14 Mbps.

HOTnet: optimal latency and strong progression

HOTnet ranks first ex-aequo with 108,606 nPoints and achieves a strong progression of +2.1%. The operator leads download speed with 299.35 Mbps (ex-aequo) and dominates latency with 22.11 ms, perfect for online gaming and real-time communications. HOTnet delivers solid performance across all usage scenarios.

Cellcom: competitive FTTH positioning

Cellcom ranks fourth with 92,345 nPoints and leads the FTTH focus, demonstrating technological expertise. The operator achieves download speeds of 242.47 Mbps and upload speeds of 66.20 Mbps, supporting streaming and content sharing needs.

The Israeli sector demonstrates world-class performance levels with three operators in ex-aequo leadership and intense competition across all indicators. Users benefit from exceptional download and upload speeds, enabling smooth experiences for streaming, videoconferencing, and content sharing. HOTnet's progression illustrates the sector's ongoing dynamic development.

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

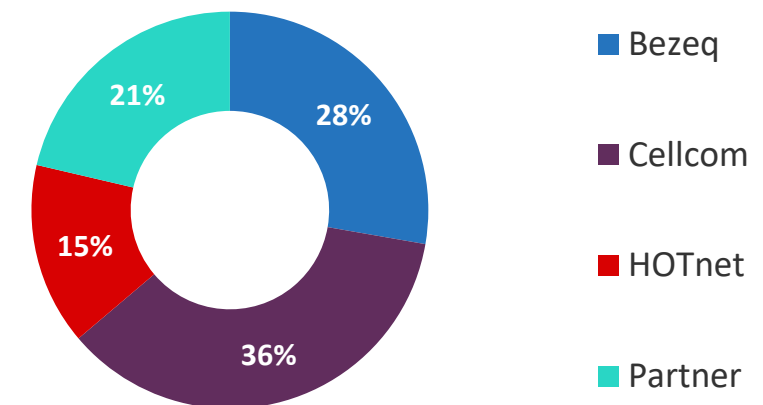
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



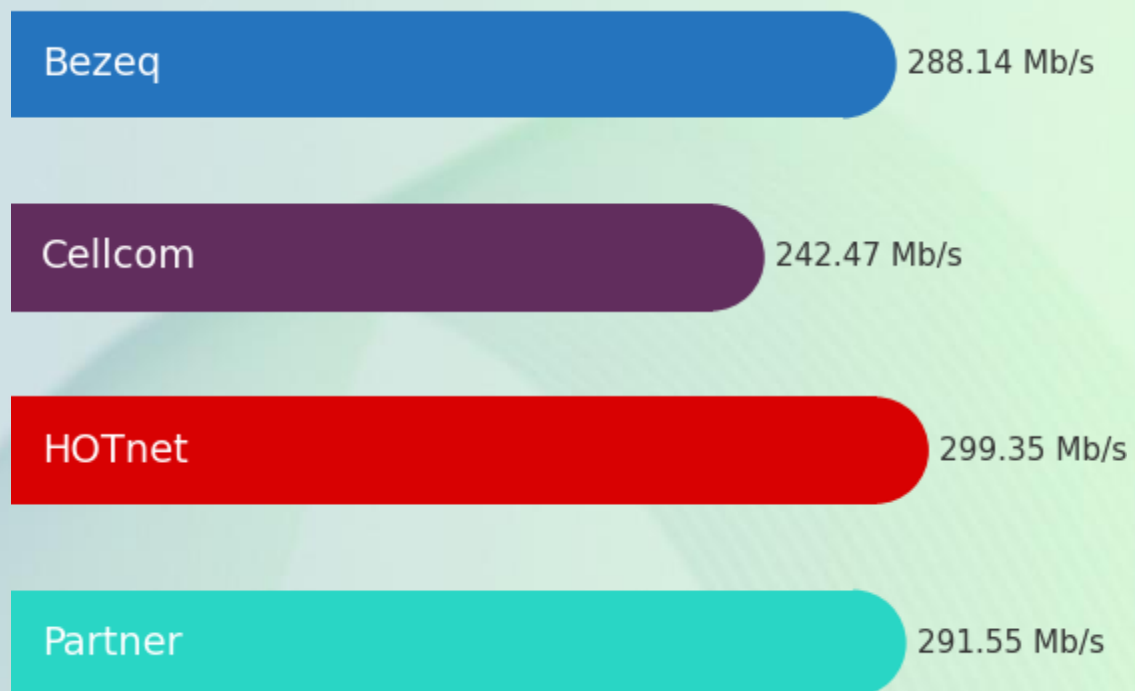
Source : nPerf.com



Download Speed



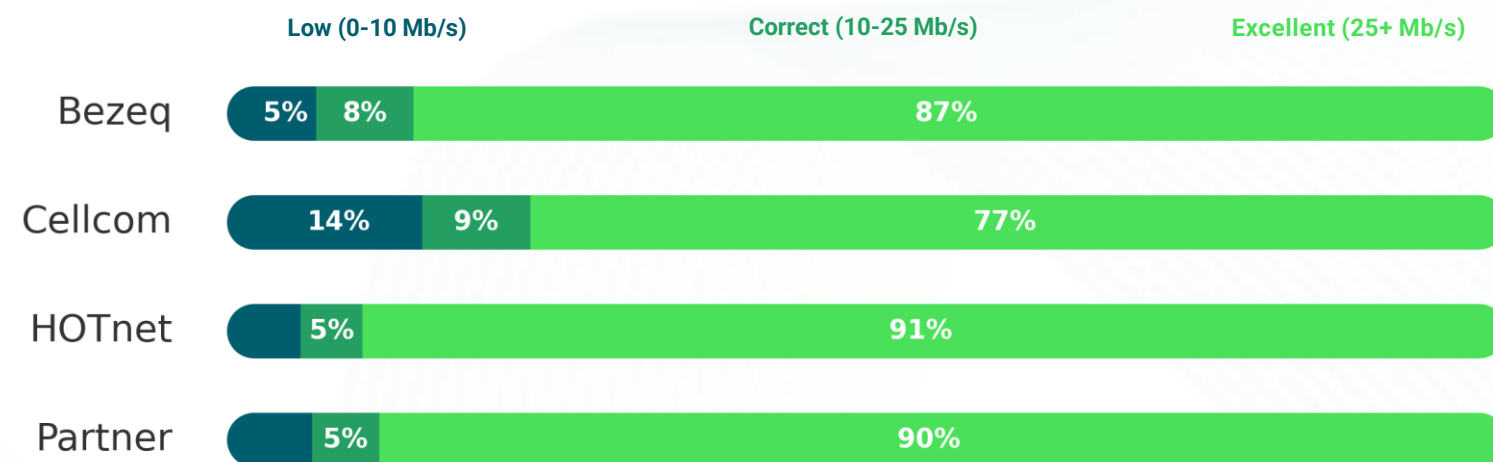
Download Speed (average)



Source : nPerf.com

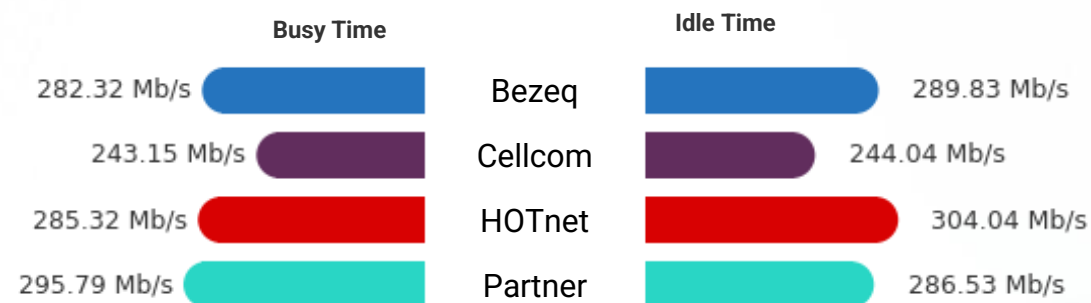
The subscribers of HOTnet and Partner enjoyed the best Fixed Internet Download Speed in 2025.

Download Speed results ventilation (average)



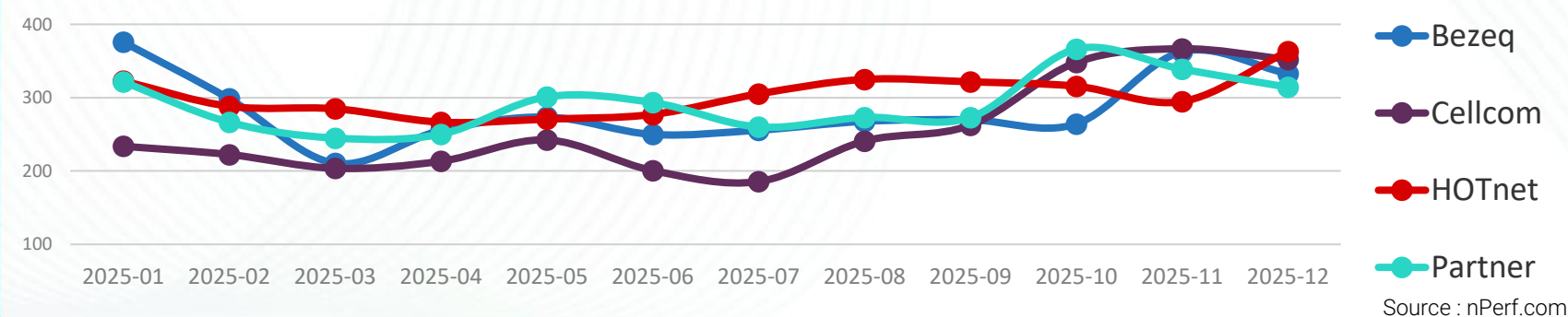
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



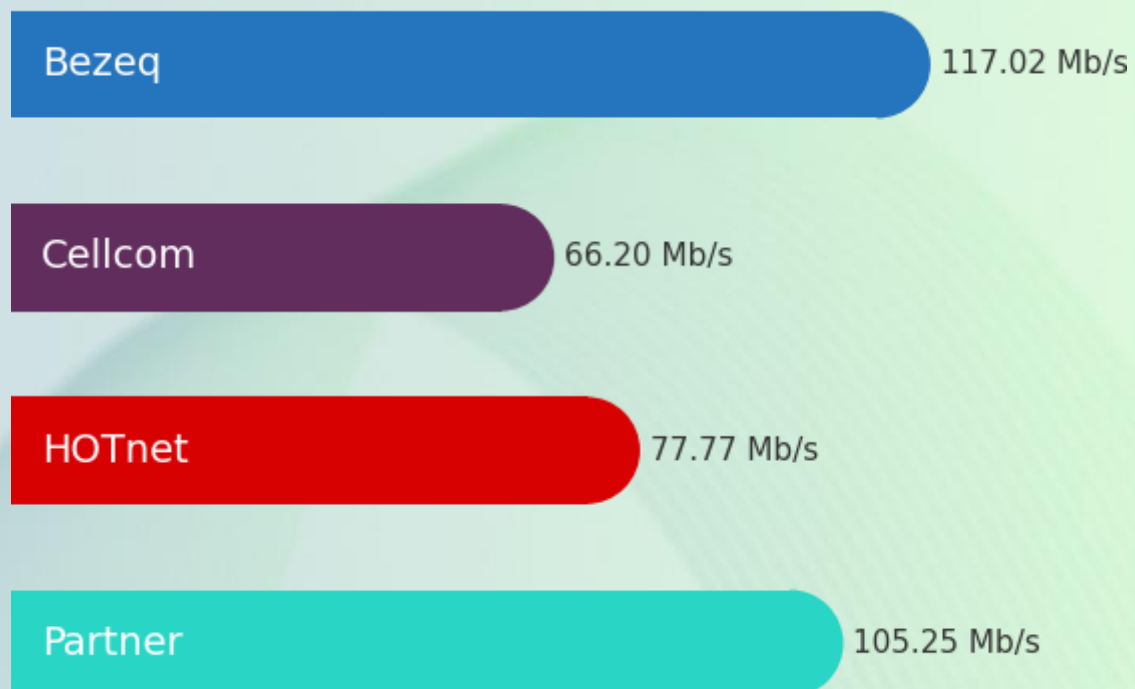
Source : nPerf.com



Upload Speed



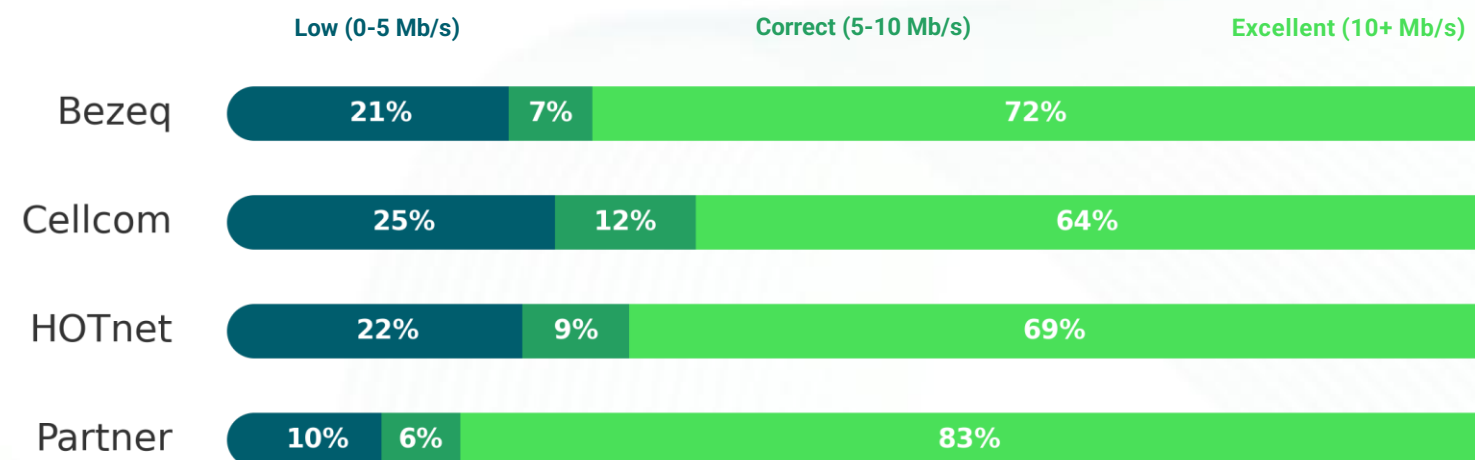
Upload Speed (average)



Source : nPerf.com

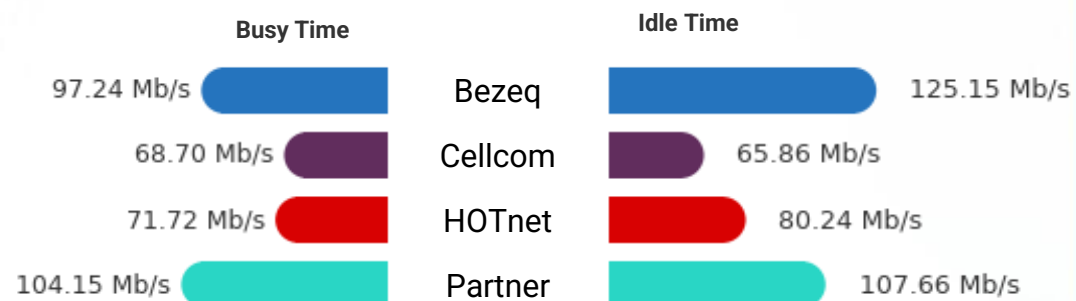
The subscribers of Bezeq enjoyed the best Fixed Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



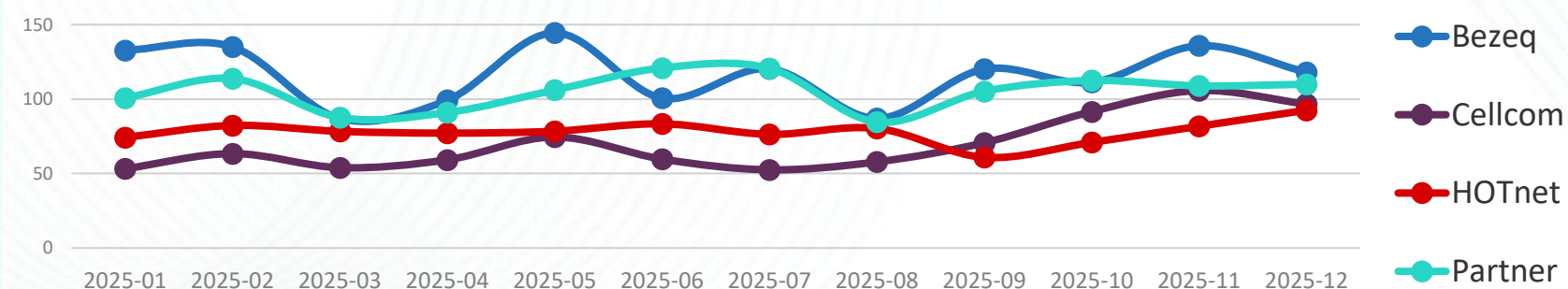
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

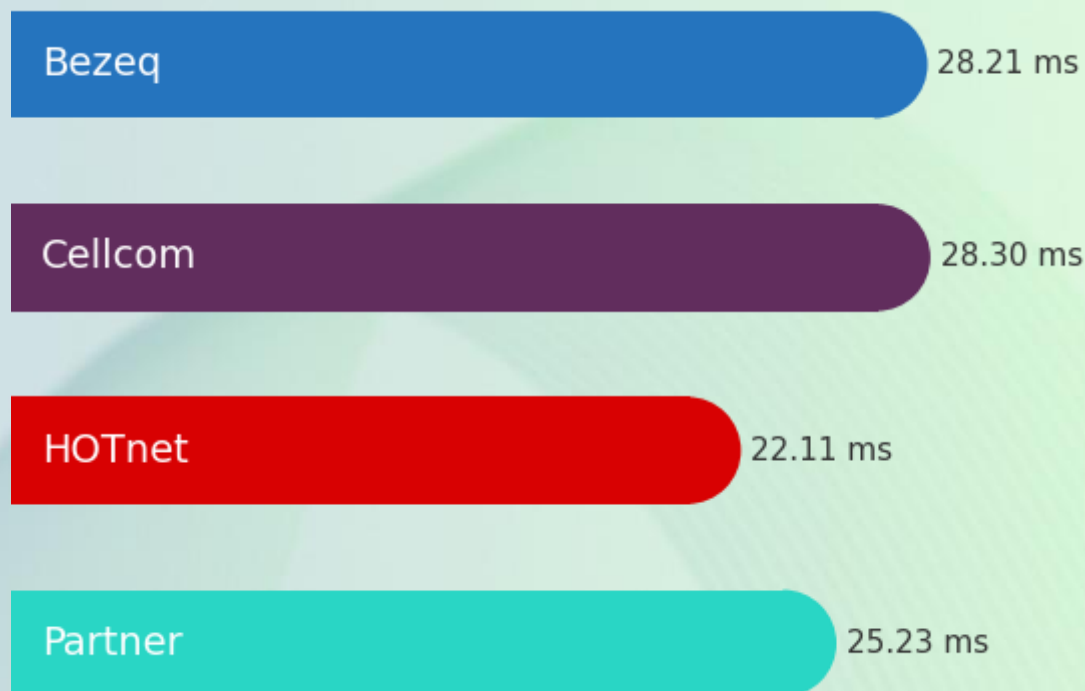
Upload Speed evolution over the year (average)



Source : nPerf.com



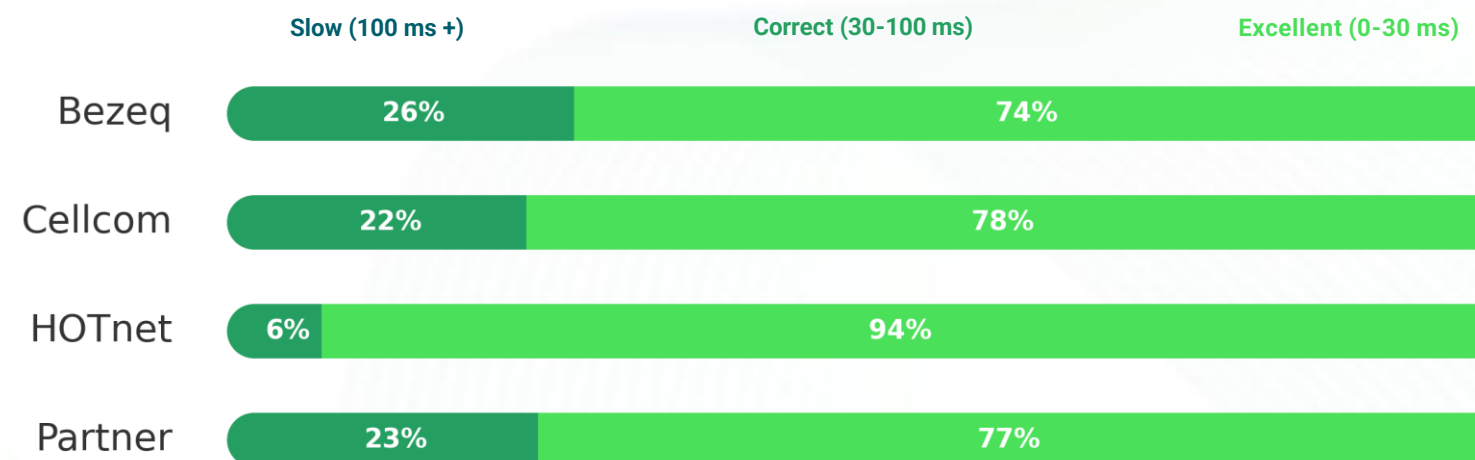
Latency (average)



Source : nPerf.com

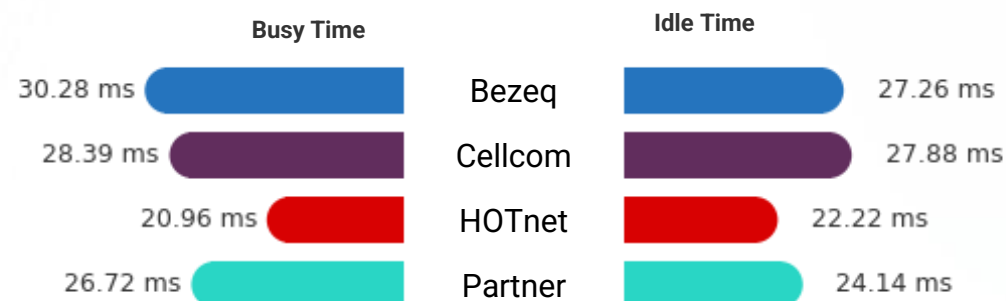
The subscribers of HOTnet enjoyed the best Fixed Internet Latency in 2025.

Latency results ventilation (average)



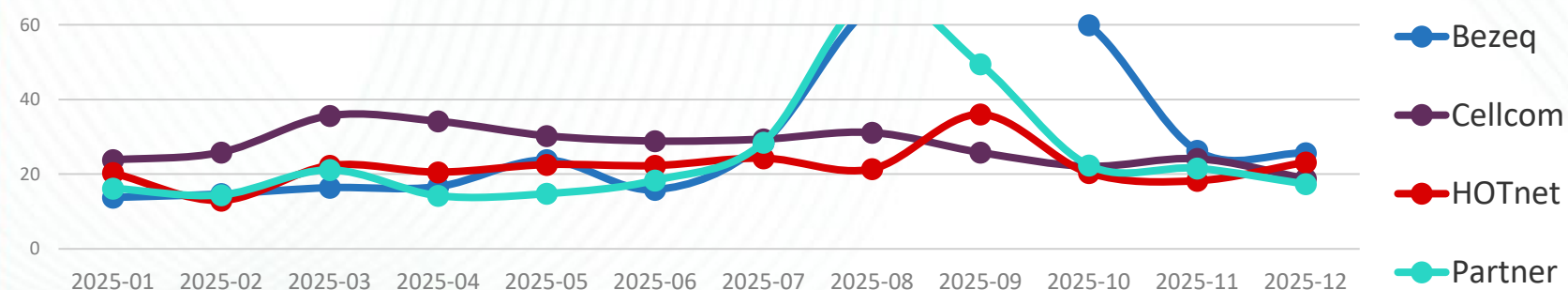
Source : nPerf.com

Latency (average)



Source : nPerf.com

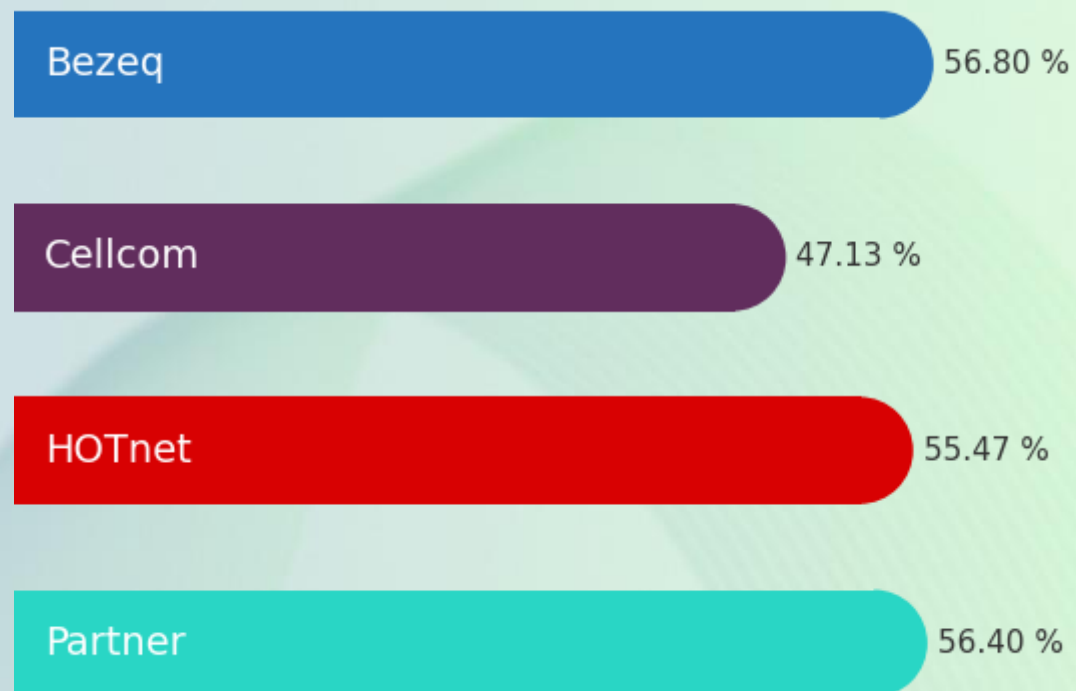
Latency evolution over the year (average)



Source : nPerf.com



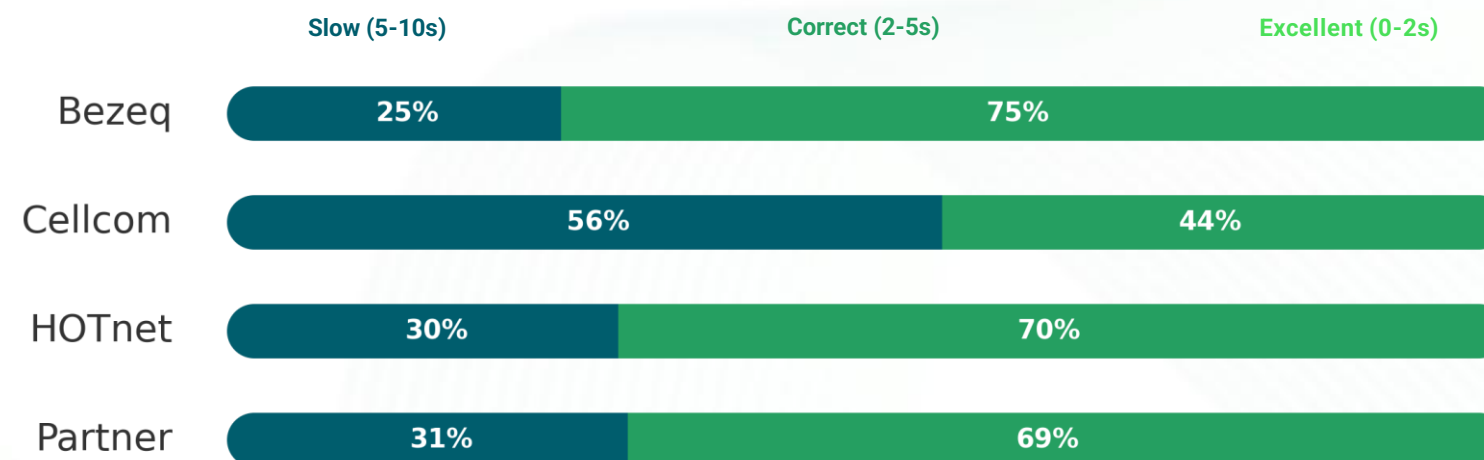
Browsing Performance (average)



Source : nPerf.com

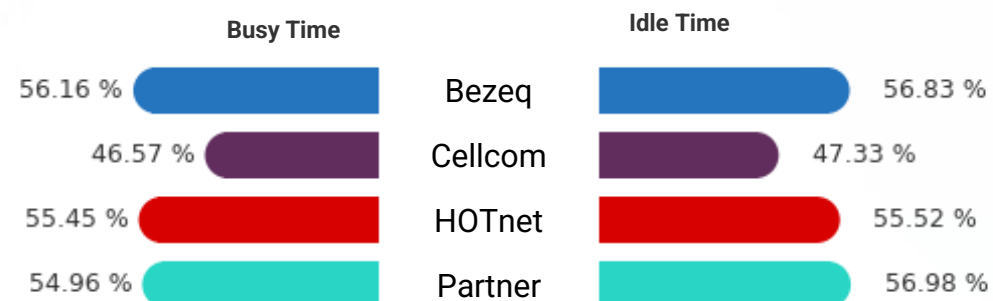
The subscribers of Bezeq and Partner enjoyed the best Fixed Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



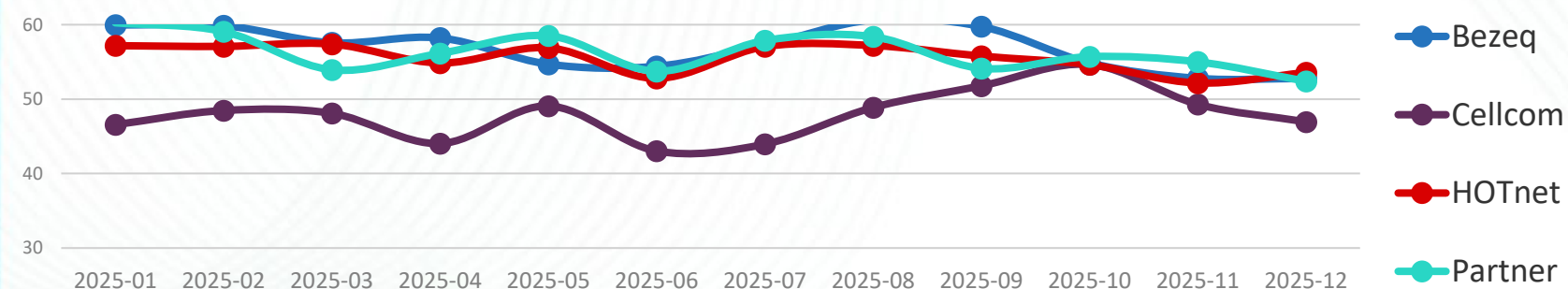
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



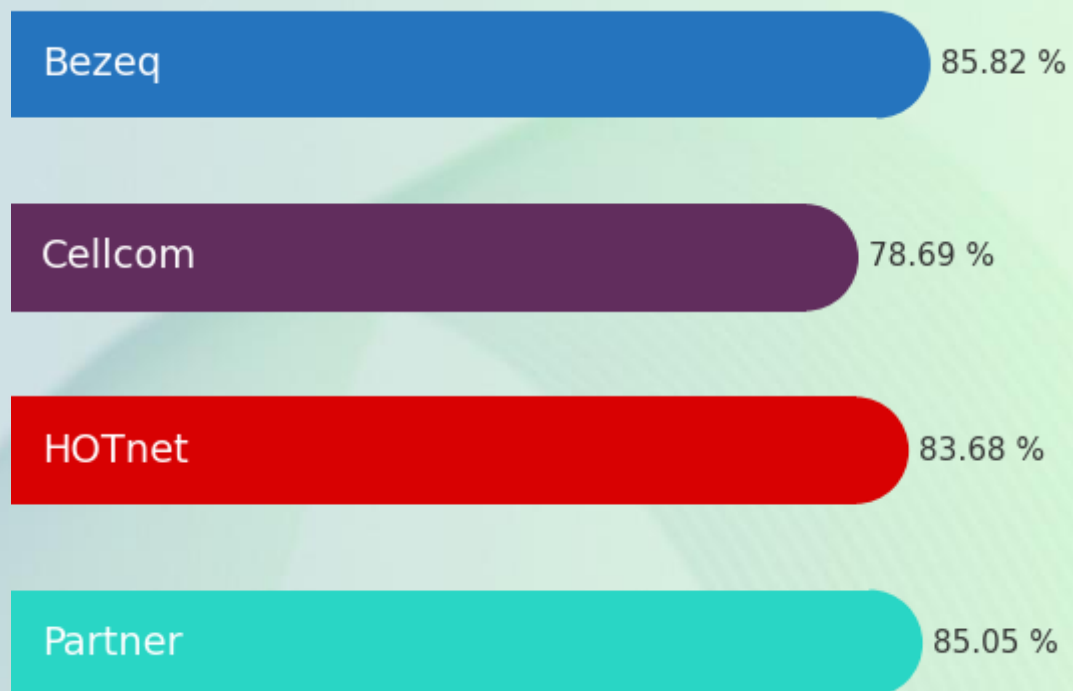
Source : nPerf.com



Streaming Performance



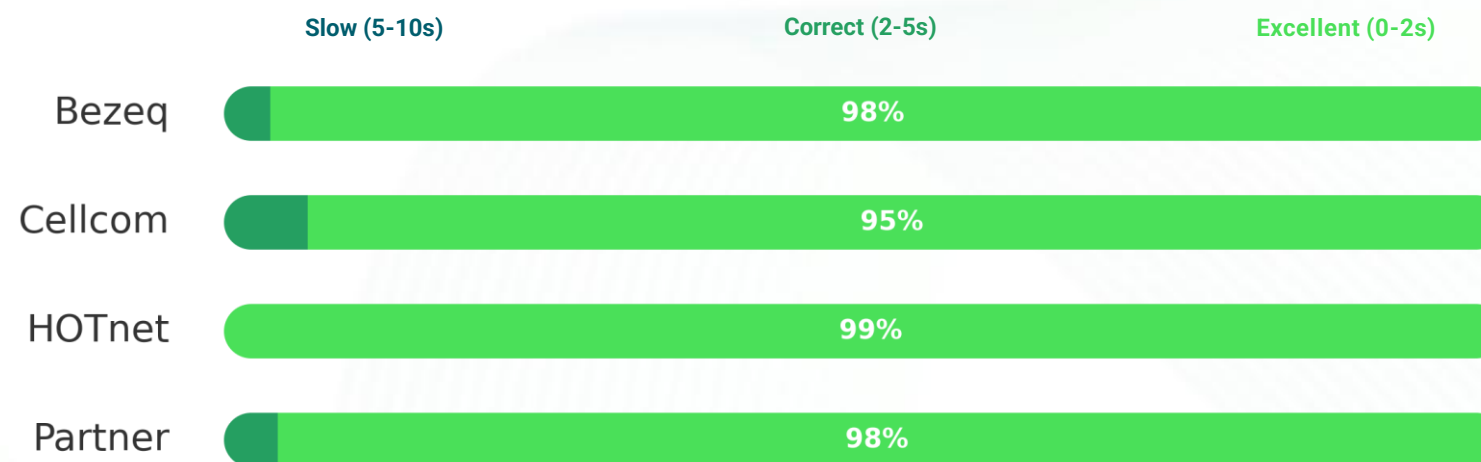
Streaming Performance (average)



Source : nPerf.com

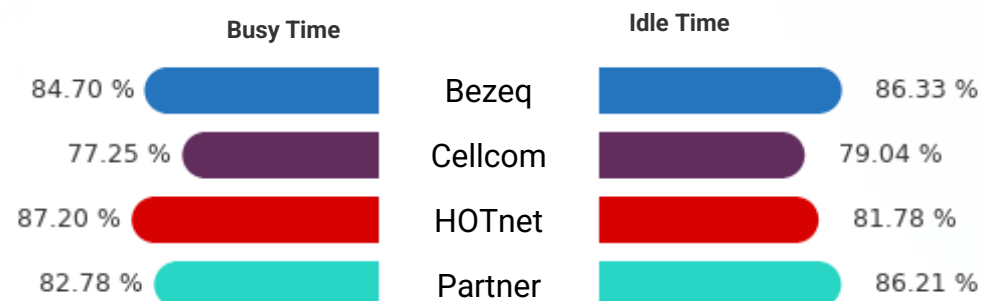
The subscribers of Bezeq enjoyed the best Fixed Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



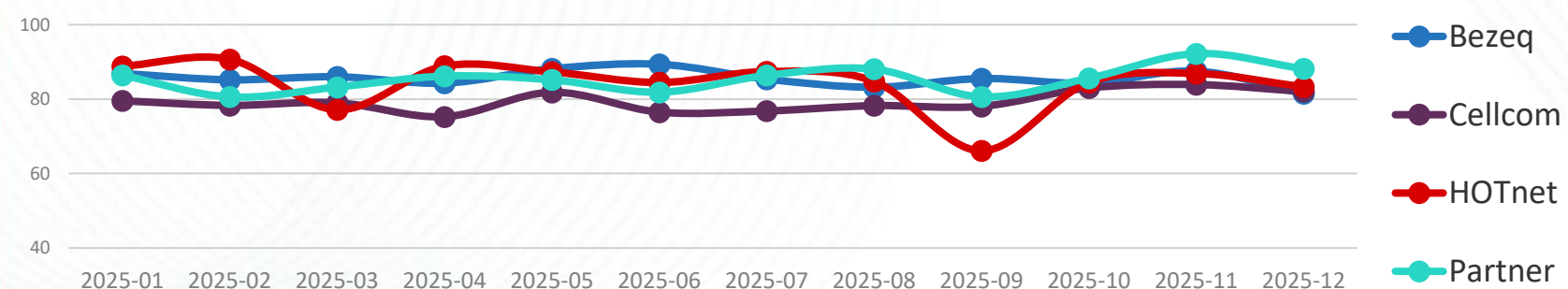
Source : nPerf.com

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 Partner enjoyed the best WIFI Internet in 2025.

Best performances WIFI: Partner

Fastest performances (Download Speed) WIFI: HOTnet

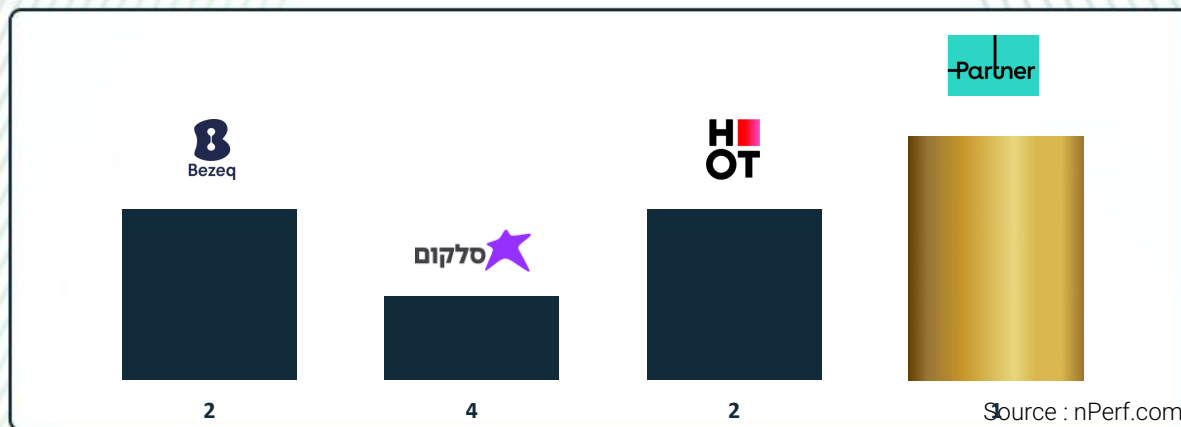
Fastest performances (Upload Speed) WIFI: Partner

WIFI connections with the lowest latency: HOTnet

Best web browsing performances WIFI: Partner

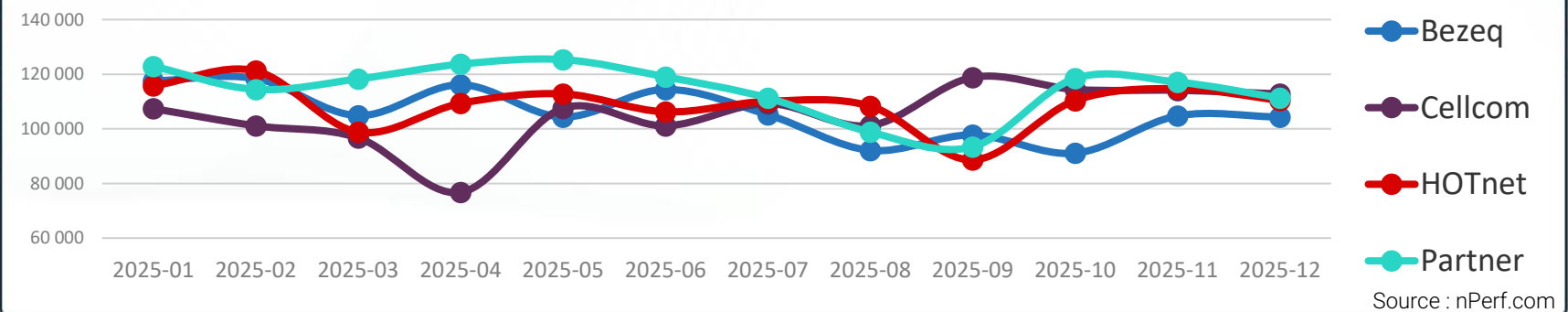
Best streaming performances WIFI: Bezeq and Partner

Source : nPerf.com



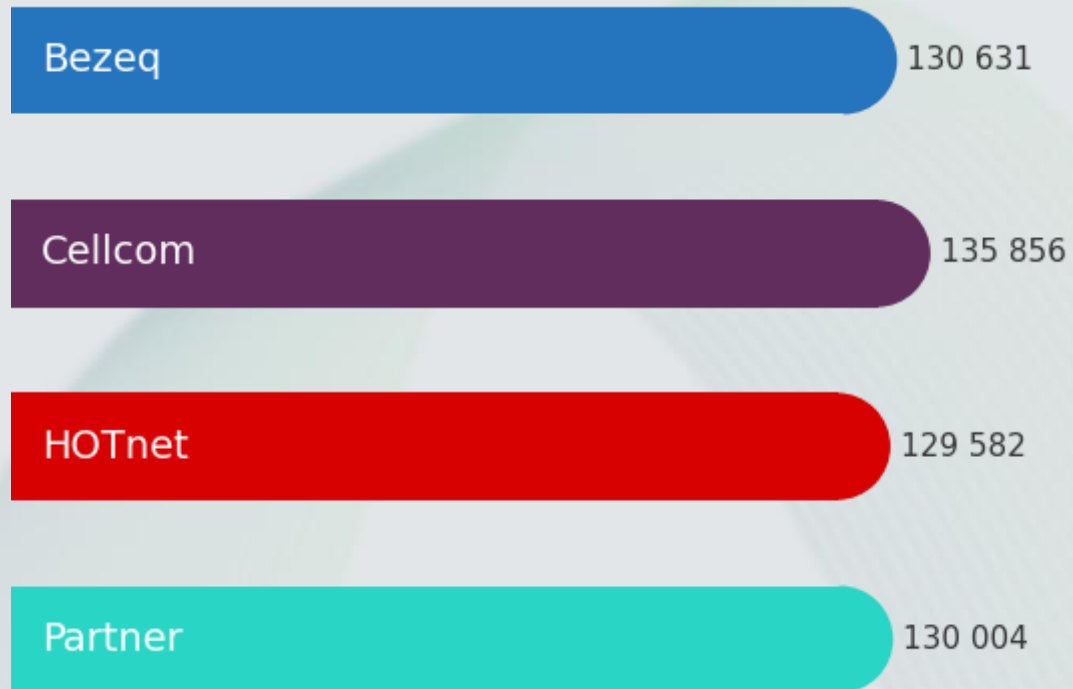
Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Cellcom enjoyed the best FTTH Internet in 2025.

Best performances FTTH: Cellcom

Fastest performances (Download Speed) FTTH: Bezeq

Fastest performances (Upload Speed) FTTH: Bezeq

FTTH connections with the lowest latency: Cellcom and HOTnet

Best web browsing performances FTTH: Partner

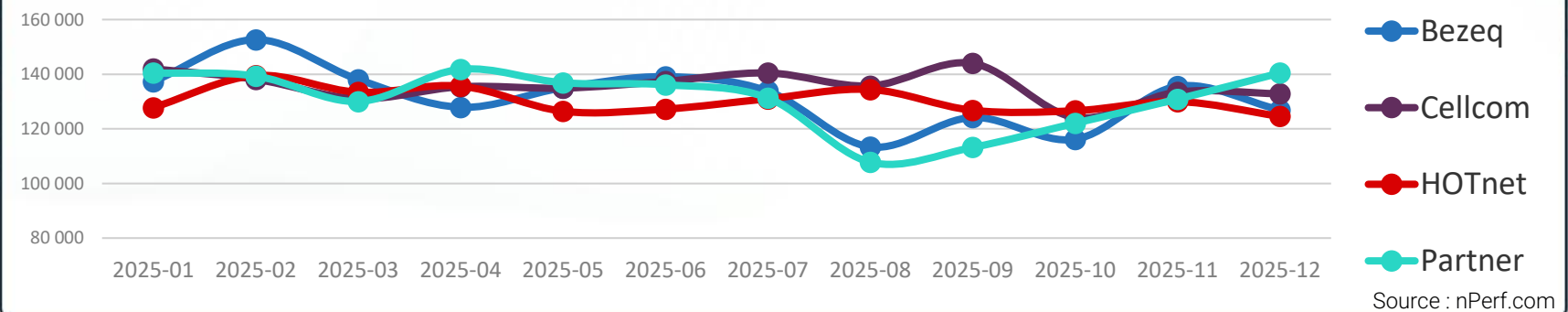
Best streaming performances FTTH: Bezeq, Cellcom and HOTnet

Source : nPerf.com

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nPerf QoE nPerf Score evolution over the year (average)

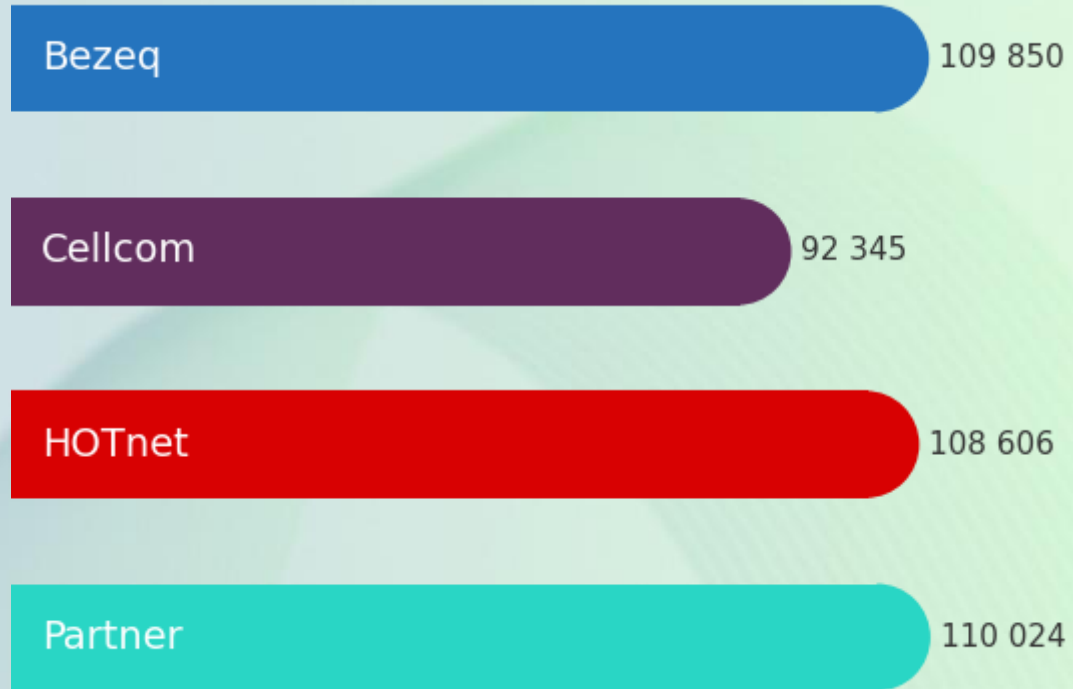




Fixed Internet performance in Israel



nPerf Score (nPoints)

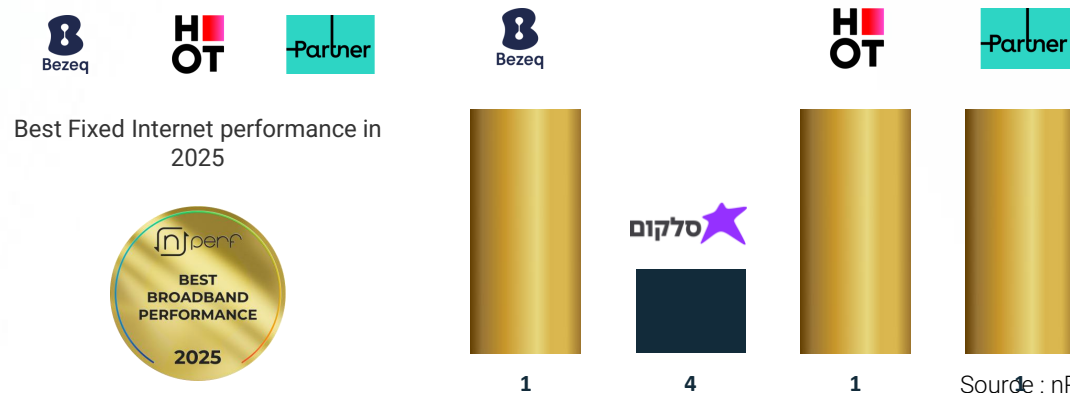


Source : nPerf.com

The subscribers of Bezeq, HOTnet and Partner enjoyed the best Fixed Internet performances in 2025.

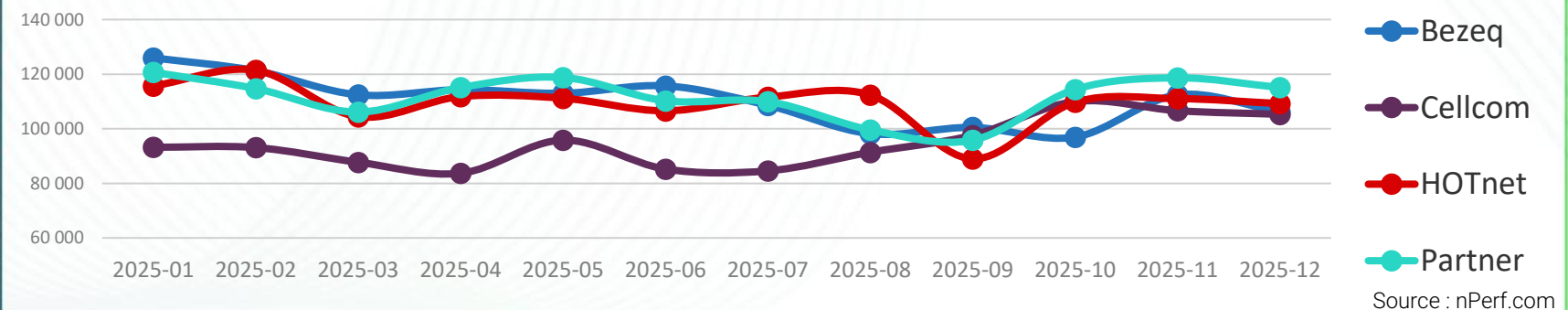
The nPerf score takes into account the measured bitrates, the latency and the QoE tests. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user. Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nPerf.com



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com

