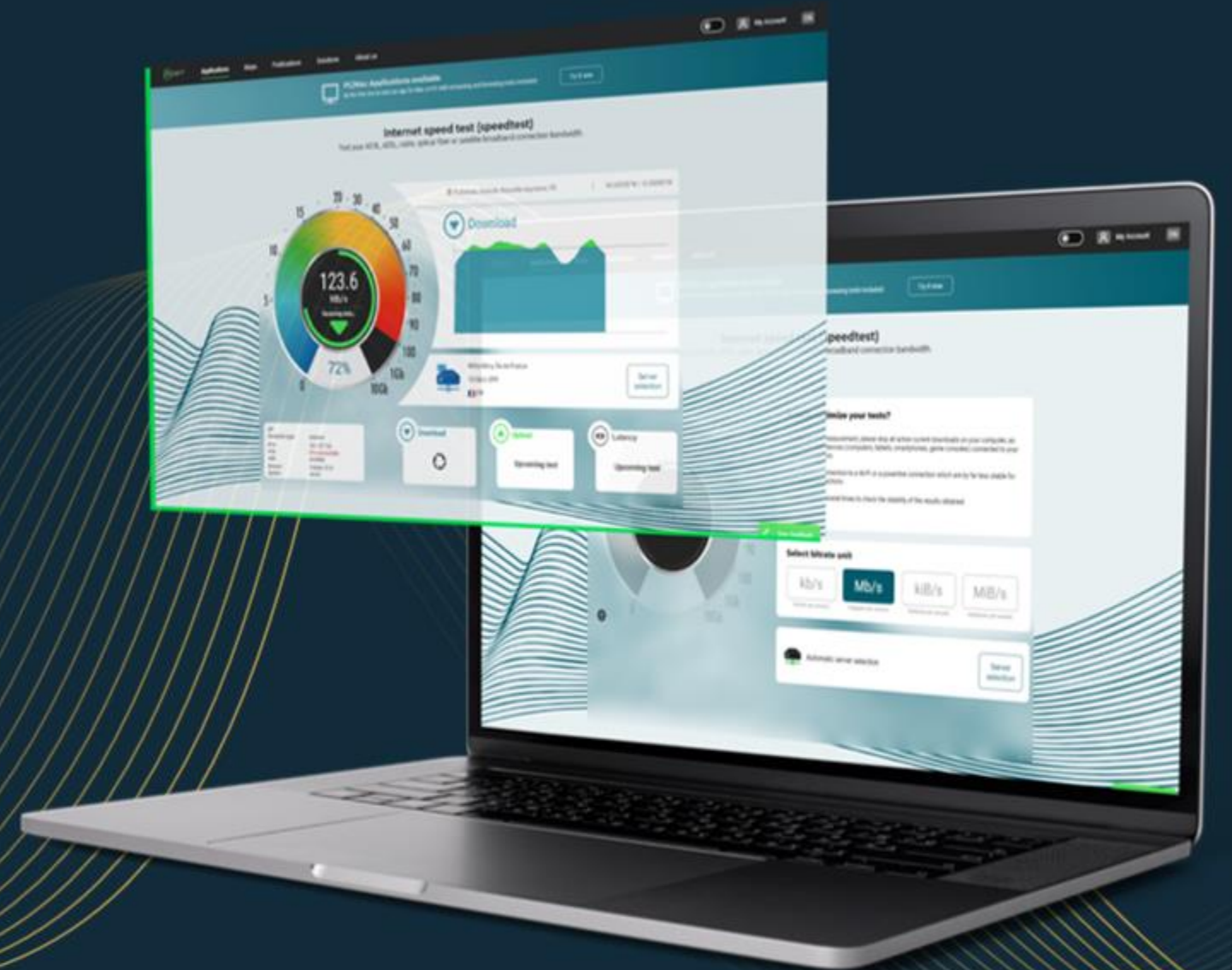


01/10/2024

Barometer of fixed Internet connections in Israel

01/01/2024 - 12/31/2024



1

**Introducing
nPerf**

2

**Executive
summary**

3

Analysis

4

Methodology

5

**nPerf Network
assessment**

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.

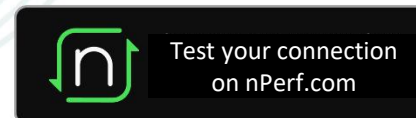
 **300k+** tests daily worldwide.

 **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 enjoyed the best fixed Internet performances in 2024.

Fixed Internet connections in Israel

	<u>Bezeq</u>	Cellcom BB	HOTnet	Partner
▼ Download bitrates (Mb/s)	346.61	228.57	263.93	285.07
▲ Upload bitrates (Mb/s)	106.63	59.37	70.45	86.19
◀▶ Latency (ms)	15.64	25.45	19.95	17.94
🌐 Web browsing (%)	58.73	49.65	51.11	59.36
📺 Youtube streaming (%)	89.62	83.80	85.89	88.81
nPerf Score (nPoints)	123 710	98 132	106 327	118 421

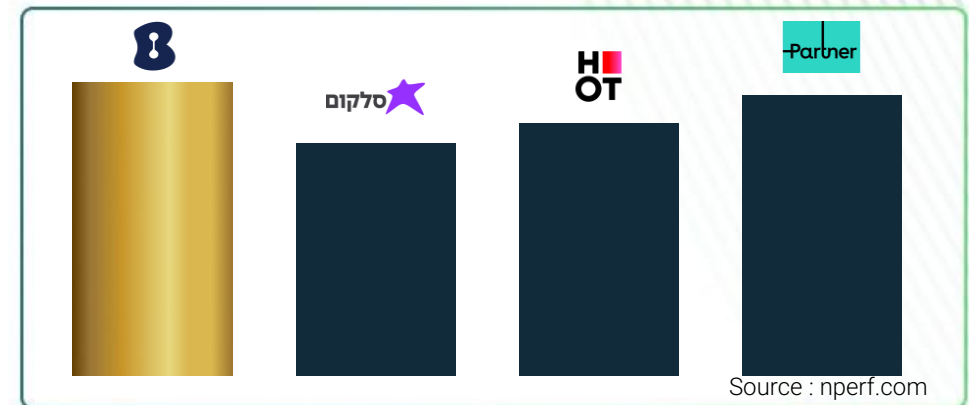
Source : nperf.com



Best fixed Internet performance in 2024



Source : nperf.com



Source : nperf.com

The subscribers of Bezeq and Cellcom BB enjoyed the best FTTH Internet performances in Israel in 2024.


FTTH Fixed Internet connections in Israel

	Bezeq	Cellcom BB	HOTnet	Partner
▼ Download bitrates (Mb/s)	846.22	622.92	527.51	479.47
▲ Upload bitrates (Mb/s)	316.35	186.63	221.46	208.17
◀▶ Latency (ms)	13.61	11.07	13.01	16.19
🌐 Web browsing (%)	63.43	66.15	61.31	64.98
📺 Youtube streaming (%)	92.61	93.11	90.39	93.97
nPerf Score (nPoints)	149 255	147 071	137 768	140 363

Source : nperf.com

The subscribers of Bezeq and Partner enjoyed the best WIFI Internet performances in Israel in 2024.

Fixed Internet connections in Israel

	Bezeq	Cellcom BB	HOTnet	Partner
▼ Download bitrates (Mb/s)	218.87	218.44	193.55	226.31
▲ Upload bitrates (Mb/s)	80.35	61.11	58.95	74.64
◀▶ Latency (ms)	15.54	22.80	20.84	18.47
🌐 Web browsing (%)	59.45	59.49	53.83	61.82
📺 Youtube streaming (%)	90.05	86.39	86.95	91.38
 nPerf Score (nPoints)	117 662	108 438	104 284	118 416

Source : nperf.com

Introduction

The Israeli fixed-line internet market has shown significant developments in the period from Q1 2024 to Q4 2024. Bezeq has emerged as the market leader, showcasing exceptional performance, particularly in the areas of WiFi and FTTH. Notably, Bezeq is a new leader for 2024, having improved its position significantly compared to the previous year.

In this dynamic market landscape, Bezeq stands as the sole market winner for the current year. The company has excelled across various KPIs, clinching the top spot in download and upload speed, and latency. Partner, another key player, has demonstrated strong performance in browsing and remains a significant competitor. The focus categories, WiFi and FTTH, underline the strengths of these operators, with Bezeq leading in both areas. The market trends reflect a positive trajectory, driven by advancements in internet speed and connectivity reliability.

Bezeq: Market Leader with Exceptional Performance

For the period Q1 2024-Q4 2024, Bezeq has solidified its position as the market leader with a remarkable score. The operator dominates in download and upload speed, achieving unprecedented levels of performance. Additionally, Bezeq leads in latency, contributing to a superior user experience. In terms of specific focus, Bezeq excels in both WiFi and FTTH, establishing itself as the undisputed leader in these technologies.

Partner: Excellence in Browsing

Partner has shown remarkable excellence in browsing, maintaining its leadership in

this category. The operator continues to be a strong contender with high scores, demonstrating significant capabilities in video streaming as well. Partner's performance highlights its competitiveness and contribution to the market's overall progression.

Cellcom BB: Strong Contender in FTTH

Cellcom BB remains a strong contender in the FTTH focus, showcasing consistent performance improvements. While not leading in the overall market, Cellcom BB's advancements in FTTH underscore its commitment to enhancing connectivity options.

HOTnet: Solid in download speed

HOTnet remains a good note in download speed, showcasing consistent performance improvements. While not leading the market, HOTnet is a good concurrent

Conclusion

Bezeq emerges as the clear market leader for Q1 2024-Q4 2024, with Partner maintaining a strong presence in browsing. The market has witnessed impressive performances in key KPIs such as download speed and latency, with Bezeq leading in most categories. The focus on WiFi and FTTH highlights the ongoing advancements in fixed-line internet technologies. The competitive spirit among operators continues to drive the market forward, promising a robust and dynamic future for fixed-line internet in Israel.

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 main 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

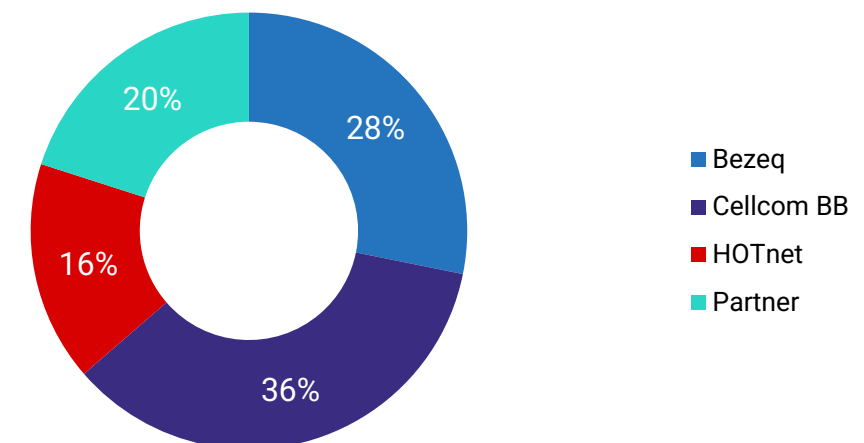
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 3% precision for absolute values, 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.

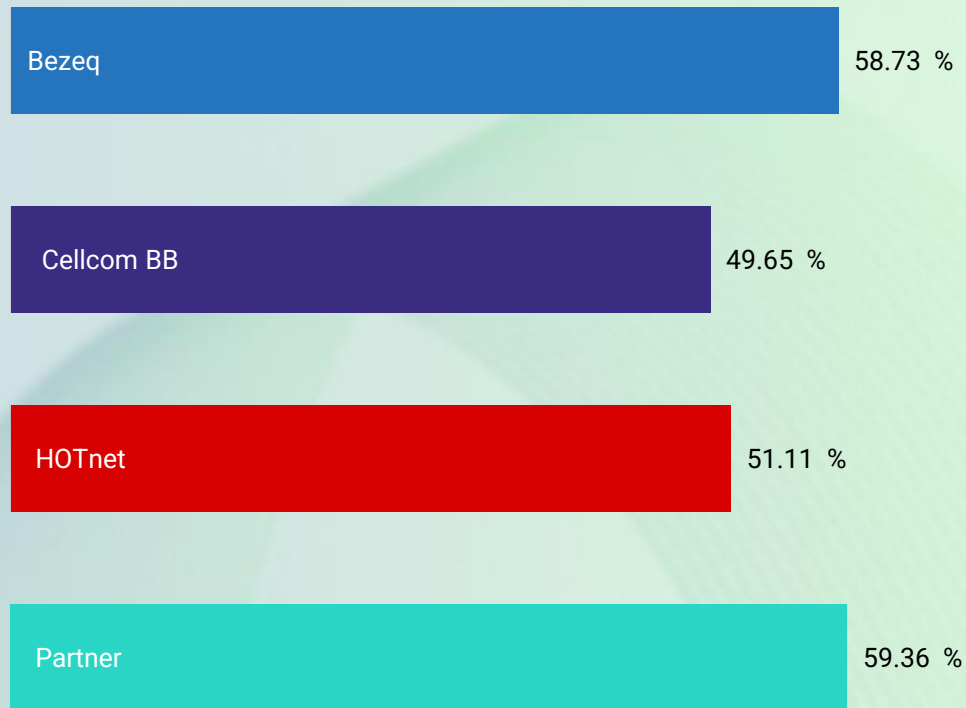
Overall distribution of the tests per provider (ISPs Share)



Source : nperf.com



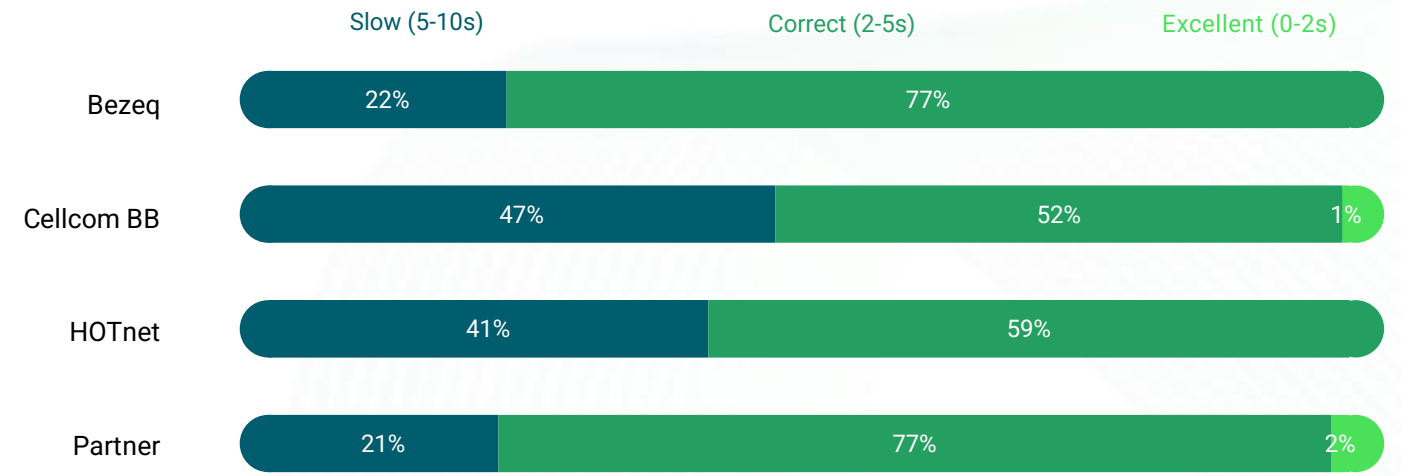
Browsing Performance rate (average)



Source : nperf.com

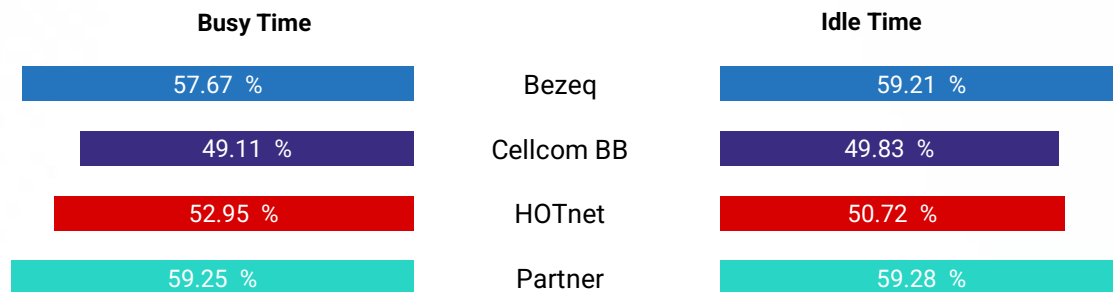
The subscribers of Partner enjoyed the best fixed Internet browsing performance in 2024.

Browsing Performance results ventilation (average)



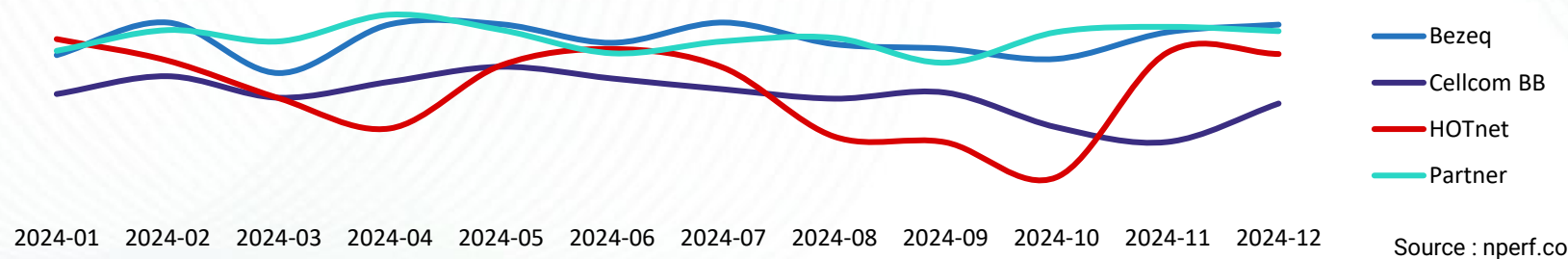
Source : nperf.com

Browsing Performance rate (average)



Source : nperf.com

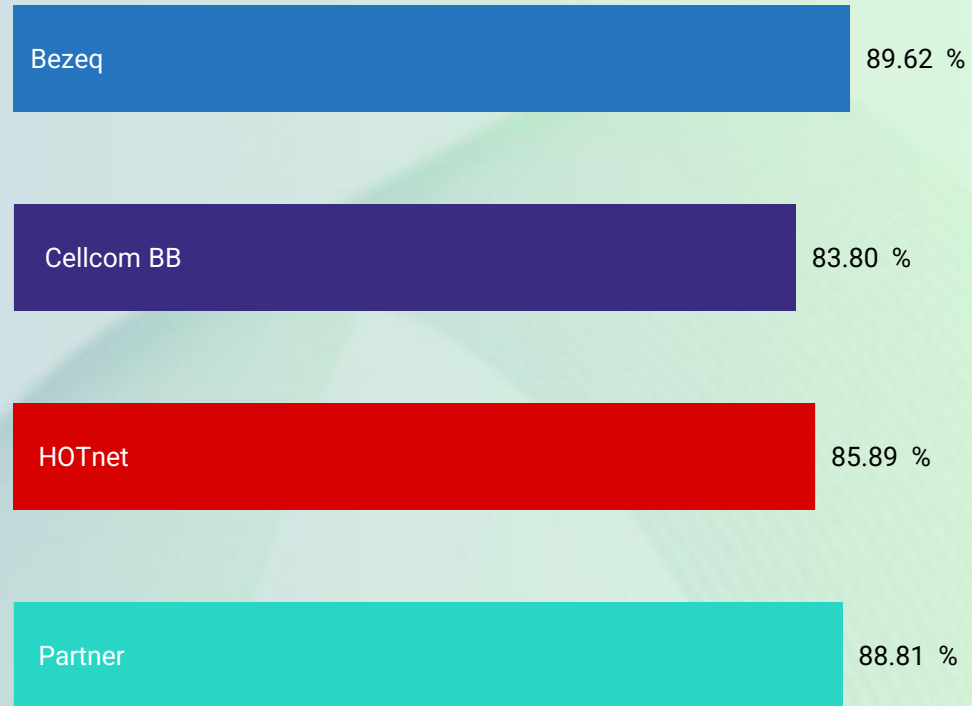
Browsing performance rate (average) evolution over the year



Source : nperf.com



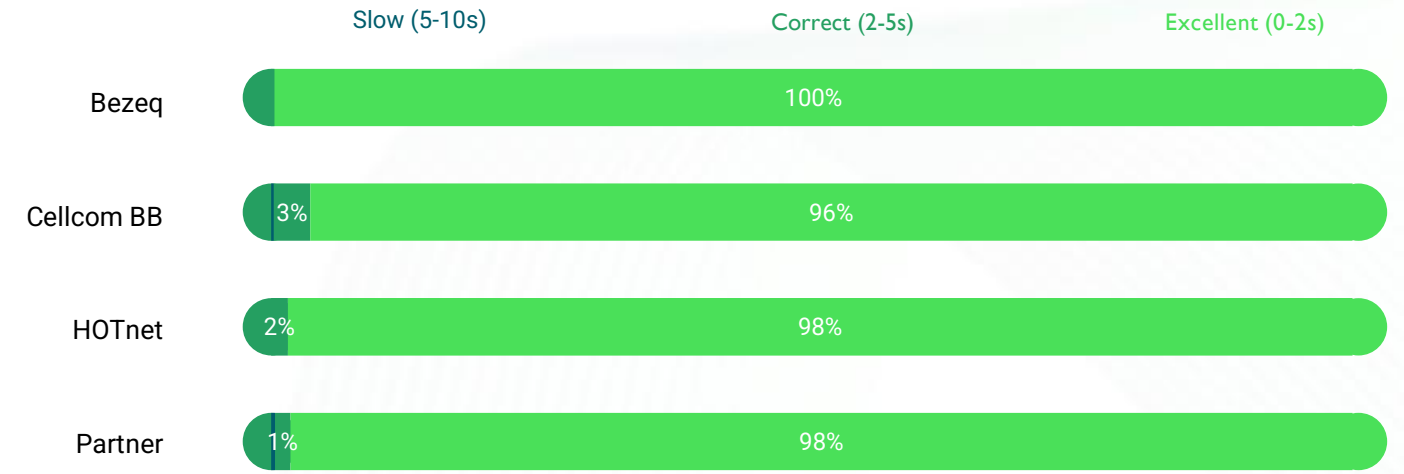
Streaming Performance rate (average)



Source : nperf.com

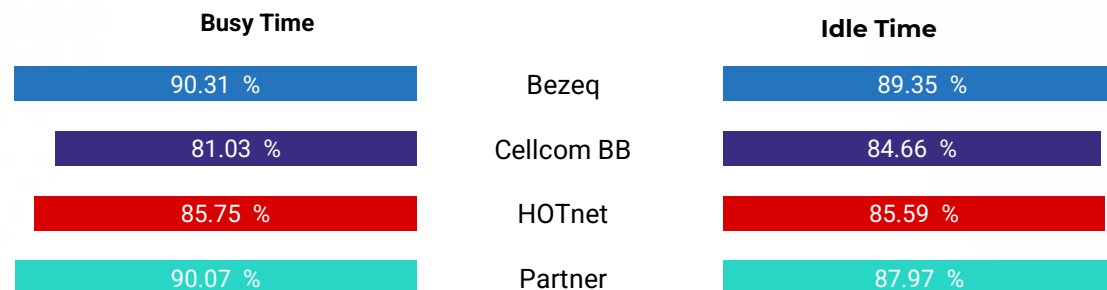
The subscribers of Bezeq enjoyed the best fixed Internet streaming performance in 2024.

Streaming Performance results ventilation (average)



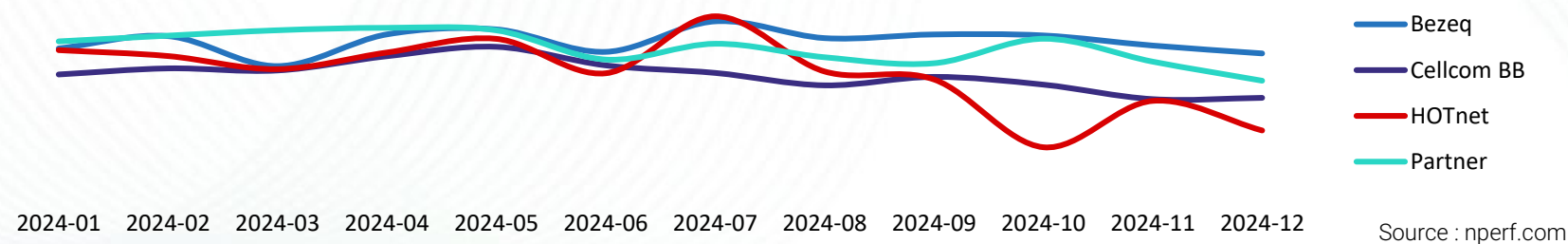
Source : nperf.com

Streaming Performance rate (average)



Source : nperf.com

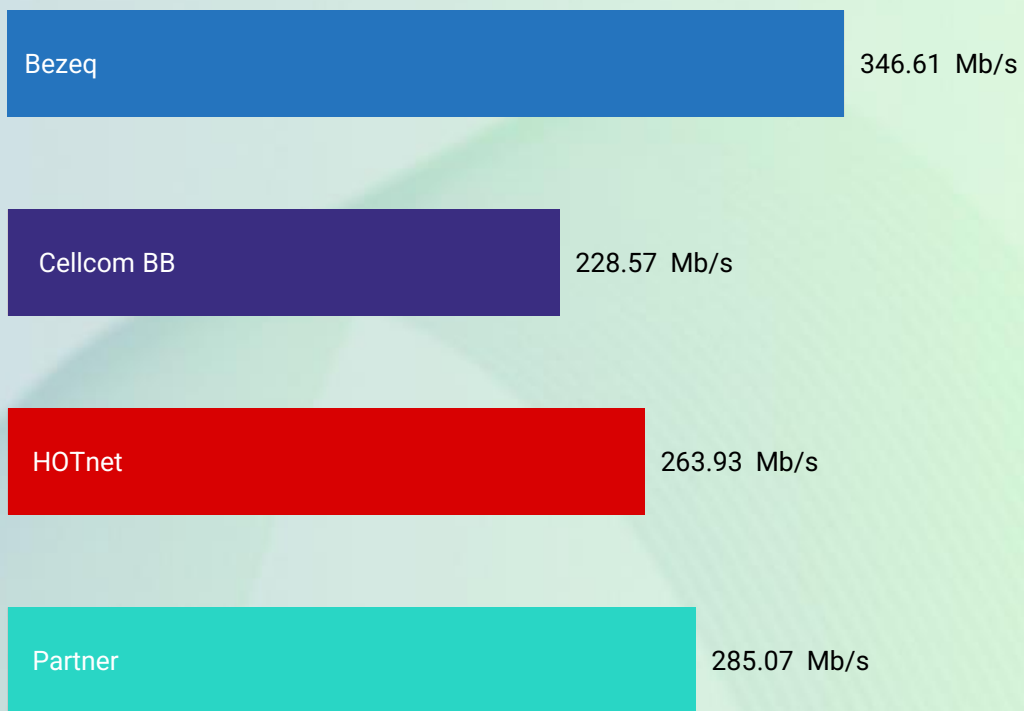
Streaming performance rate (average) evolution over the year



Source : nperf.com



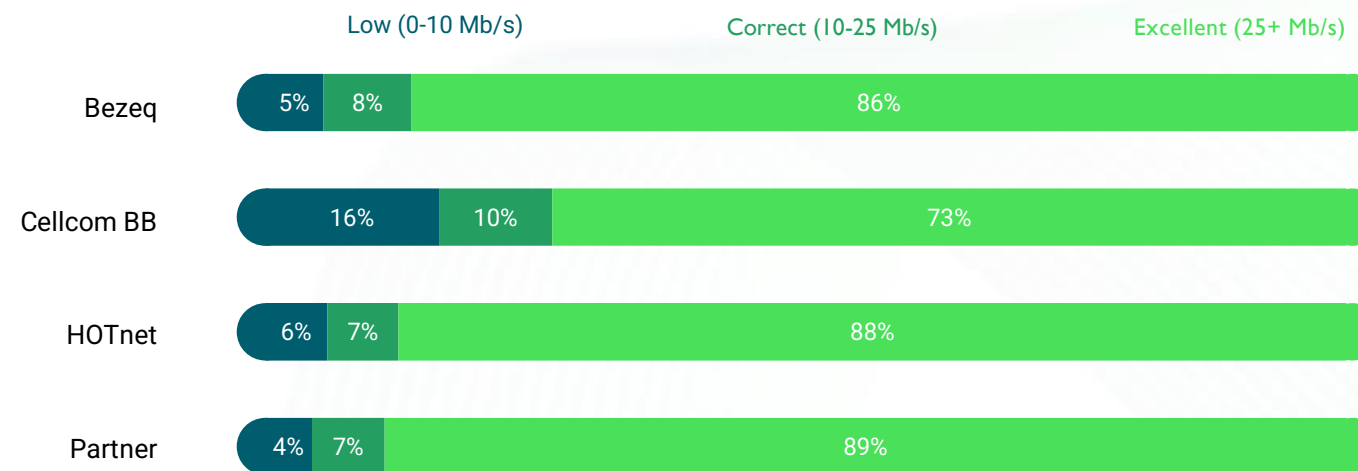
Download Speed (average)



Source : nperf.com

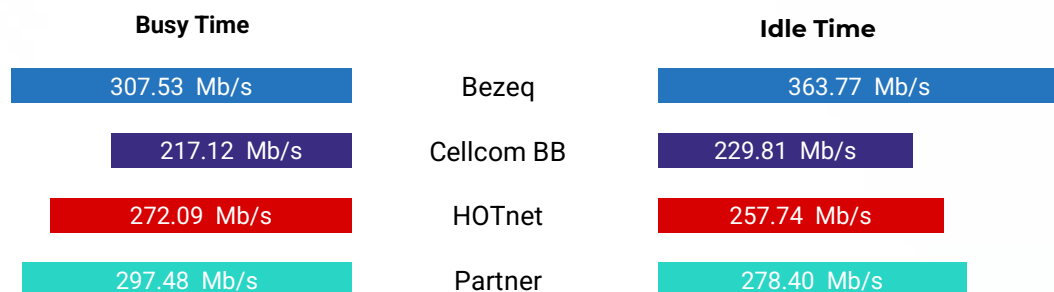
The subscribers of Bezeq enjoyed the best average fixed Internet download speed in 2024.

Download Speed results ventilation (average)



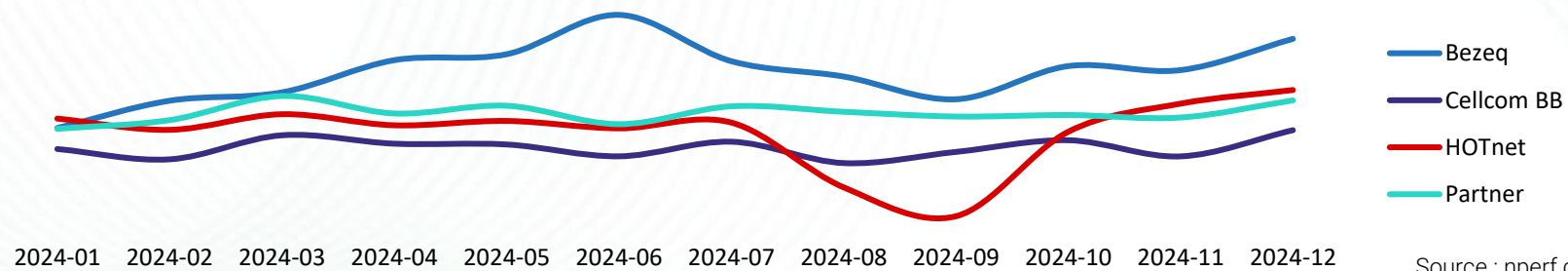
Source : nperf.com

Download Speed (average)



Source : nperf.com

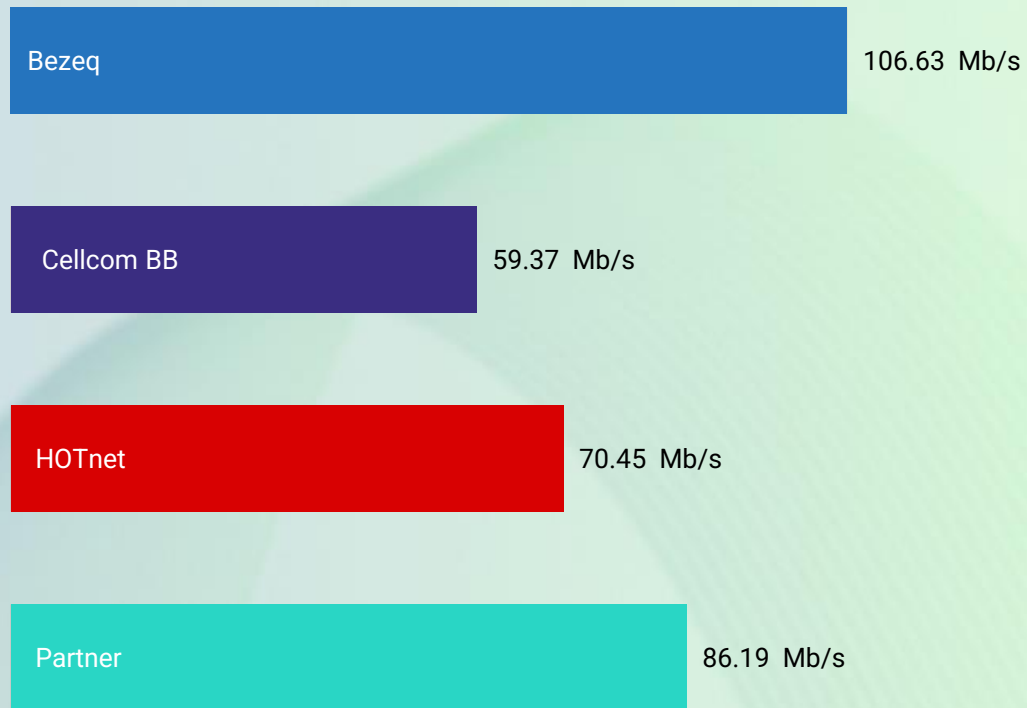
Download Speed evolution over the year (average)



Source : nperf.com



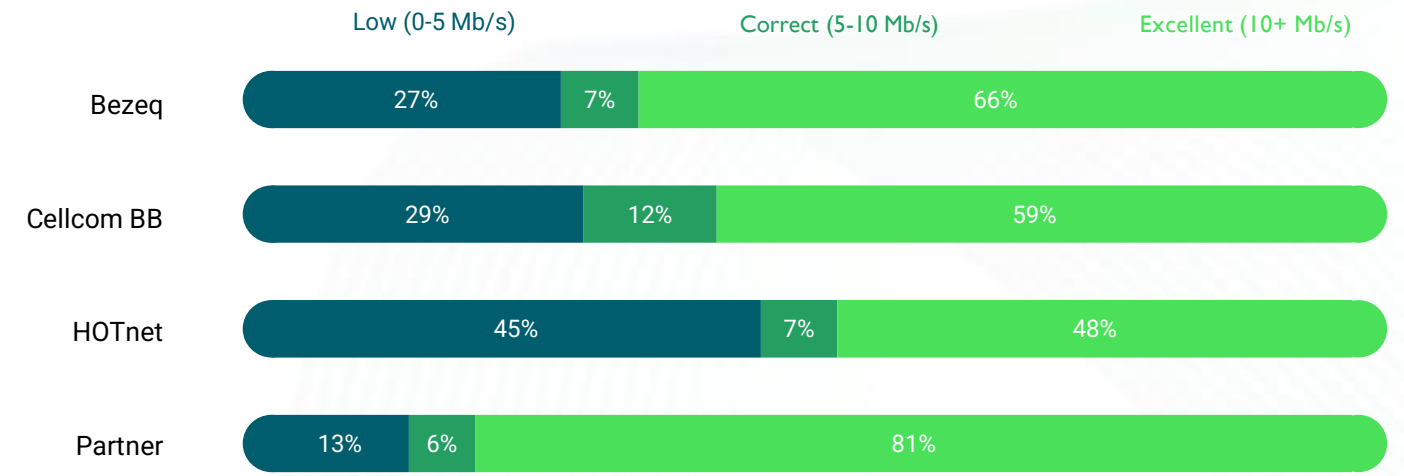
Upload Speed (average)



Source : nperf.com

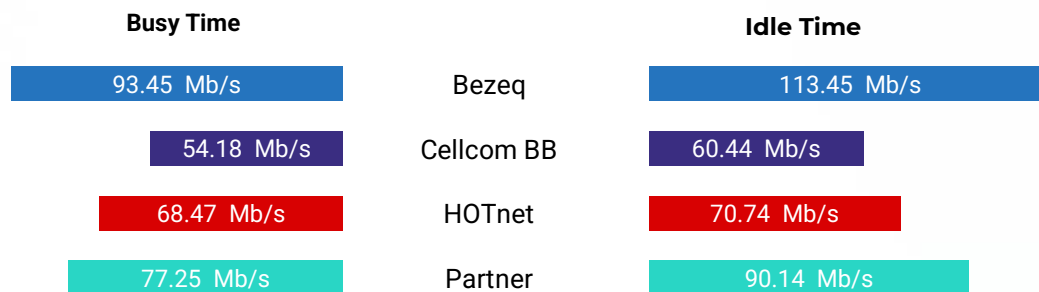
The subscribers of Bezeq enjoyed the best average fixed Internet upload speed in 2024.

Upload Speed results ventilation (average)



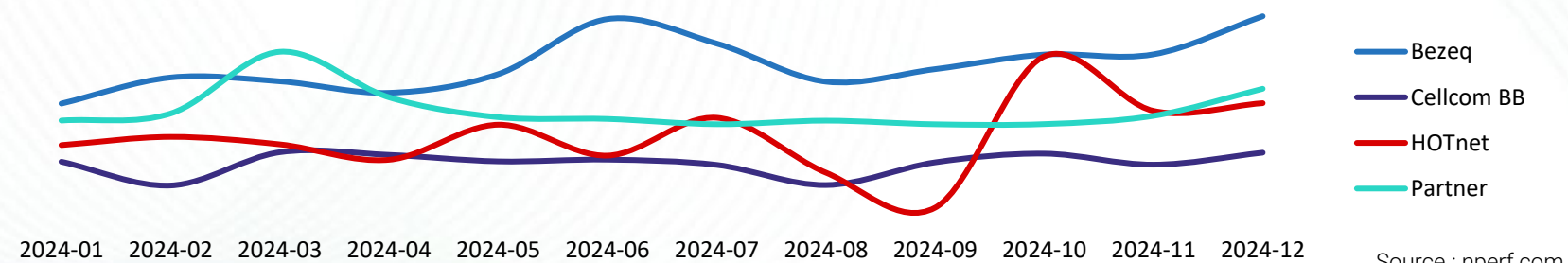
Source : nperf.com

Upload Speed (average)



Source : nperf.com

Upload Speed evolution over the year (average)



Source : nperf.com



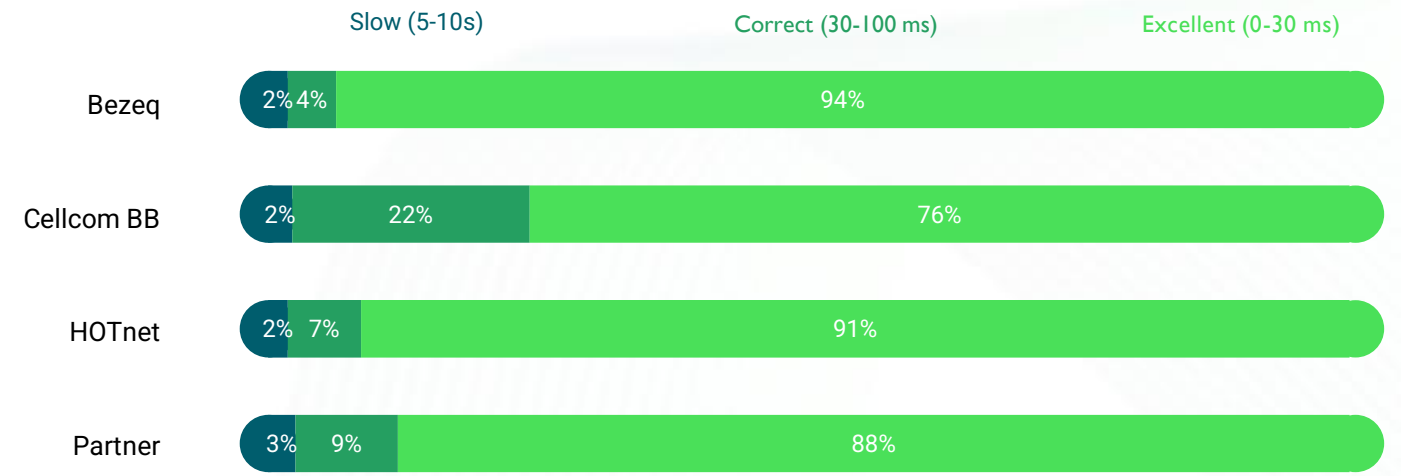
Latency Speed (average)



Source : nperf.com

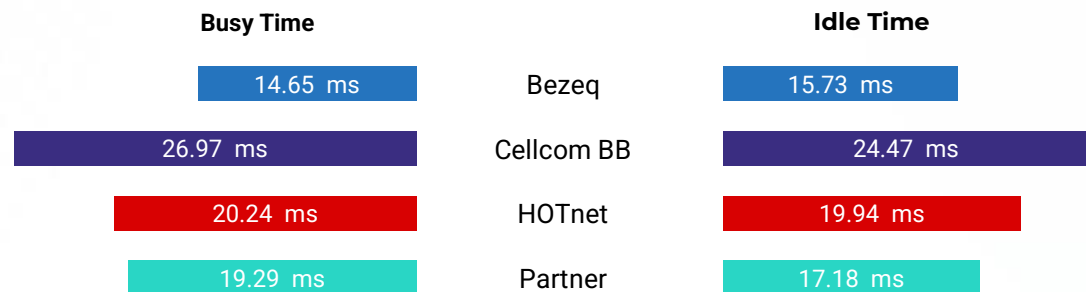
The subscribers of Bezeq enjoyed the best average fixed Internet latency speed in 2024.

Latency Speed results ventilation (average)



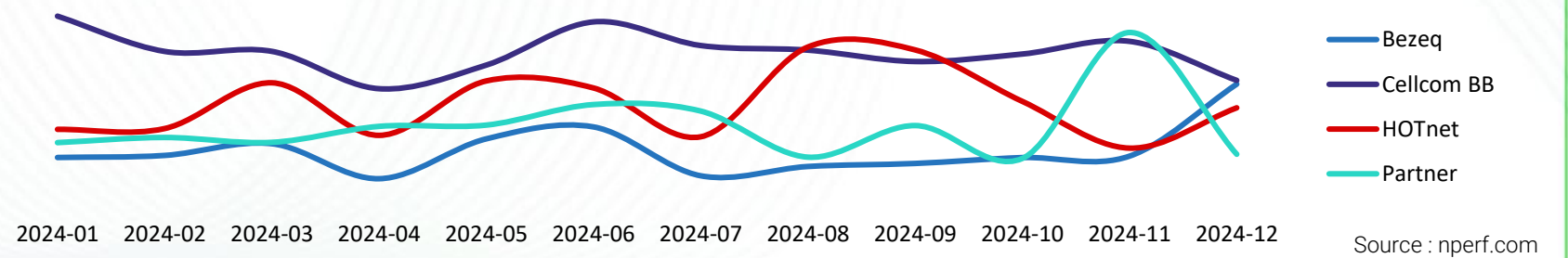
Source : nperf.com

Latency Speed (average)

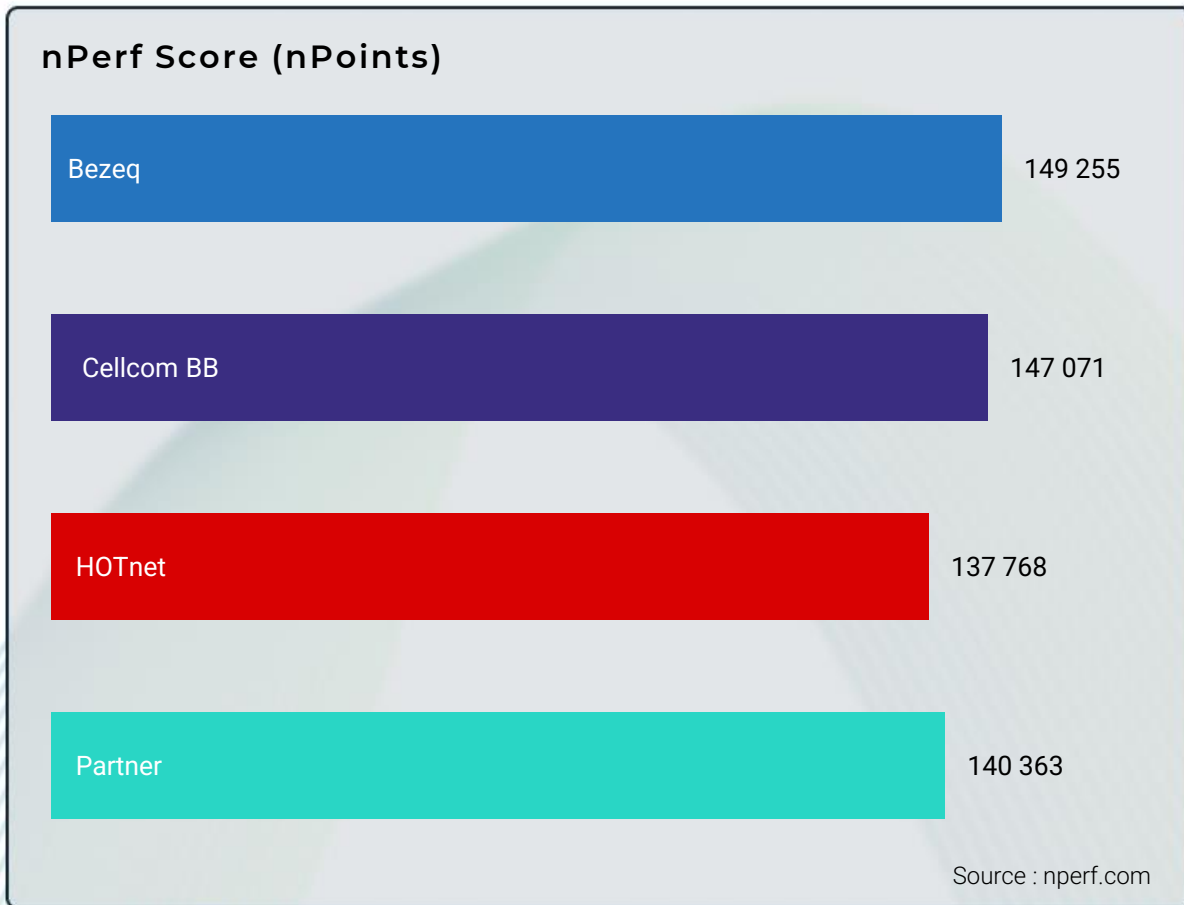


Source : nperf.com

Latency Speed evolution over the year (average)

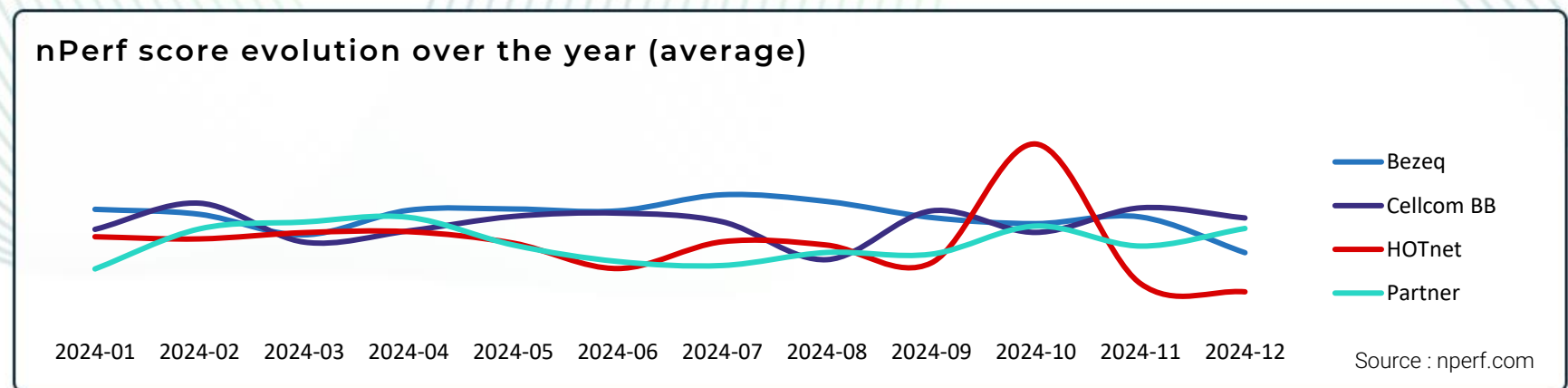
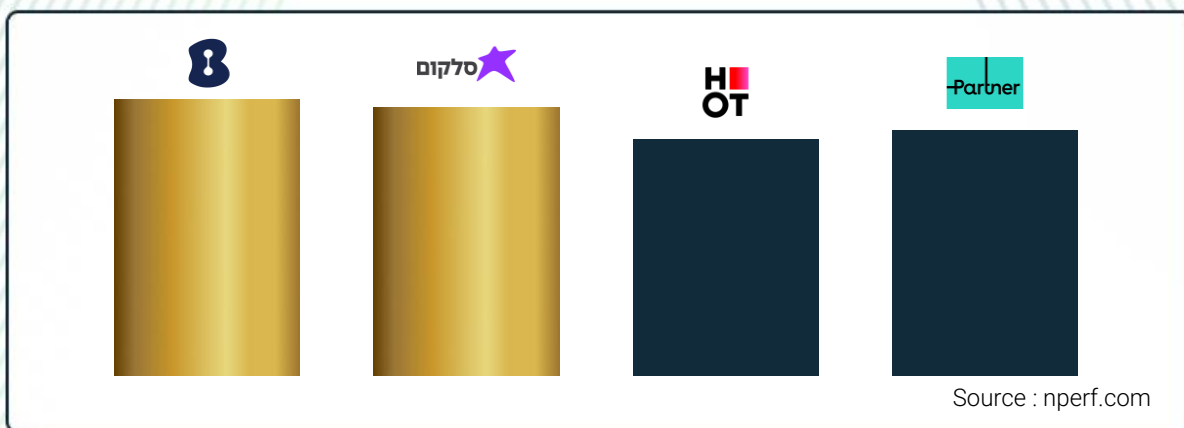


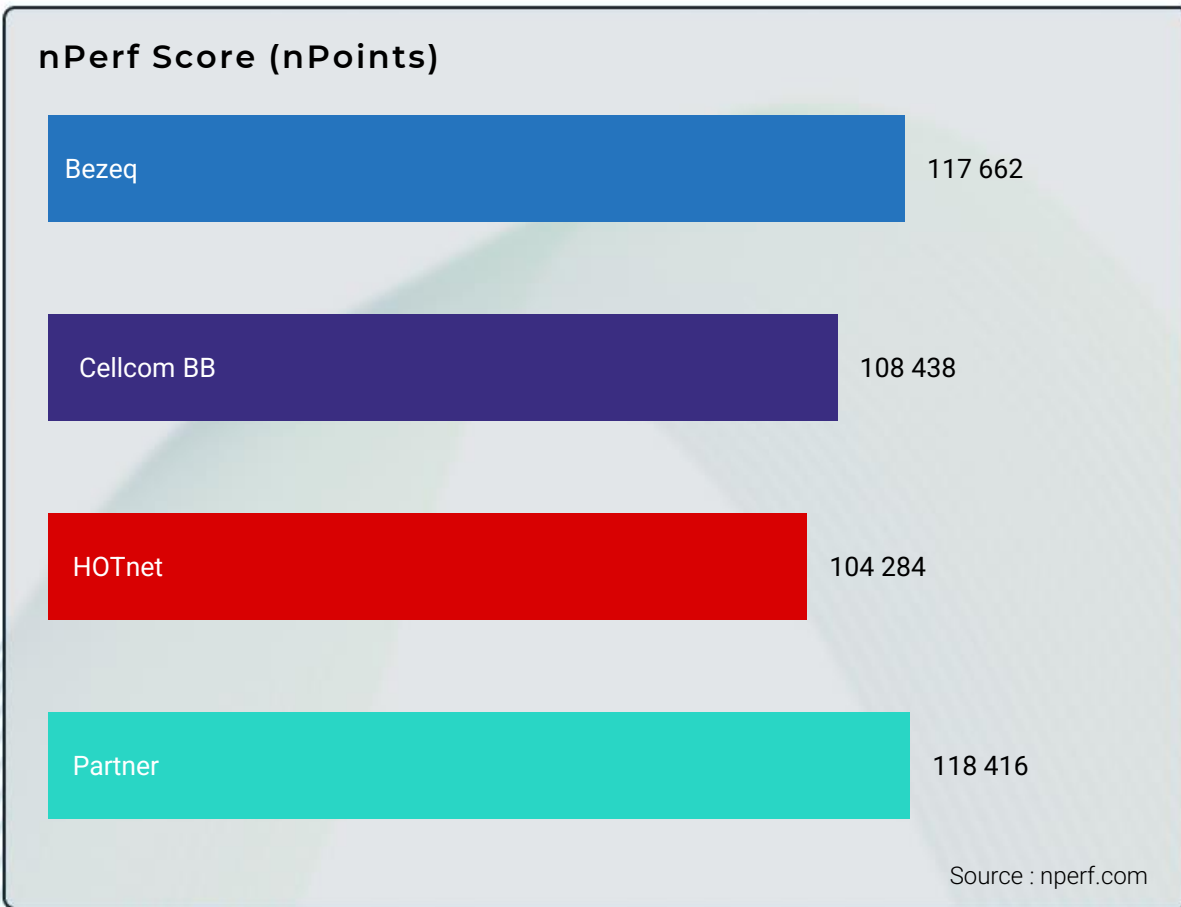
Source : nperf.com



The subscribers of Bezeq and Cellcom BB enjoyed the best FTTH Internet performances in 2024.

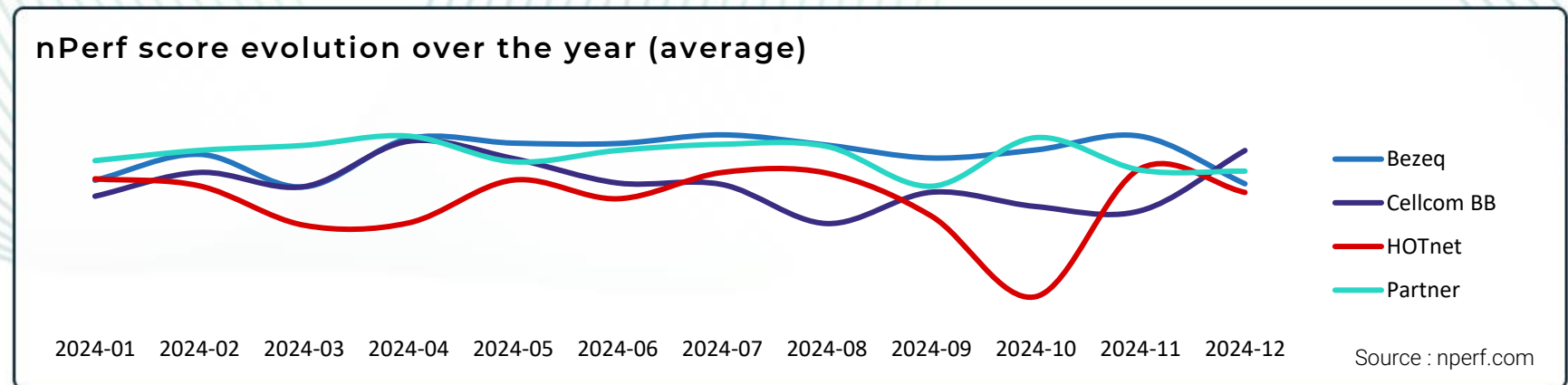
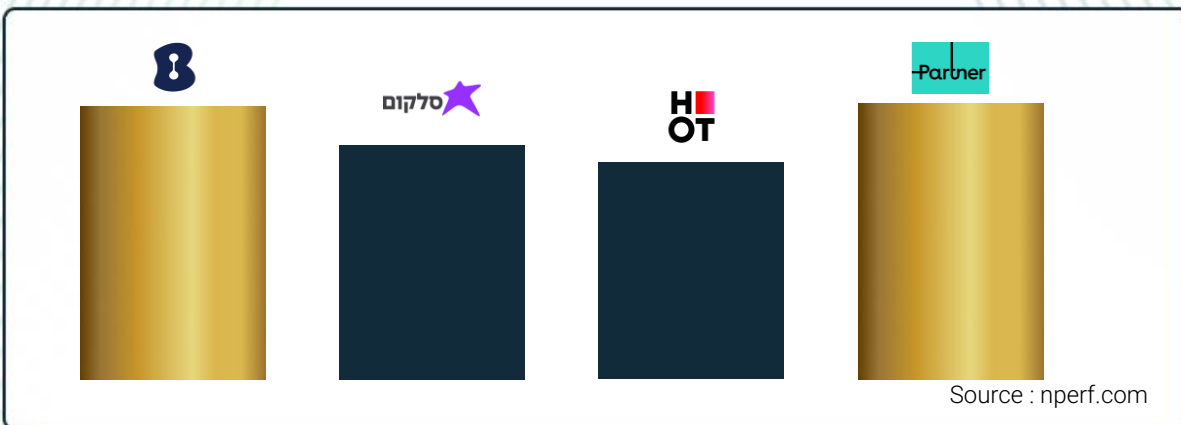
- Best performances FTTH: Bezeq and Cellcom BB
 - Best web browsing performances FTTH: Cellcom BB
 - Best video streaming performances FTTH: Cellcom BB and Partner
 - Fastest performances (Download) FTTH: Bezeq
 - Fastest performances (Upload) FTTH: Bezeq
 - FTTH connections with the lowest latency: Cellcom BB
- Source : nperf.com



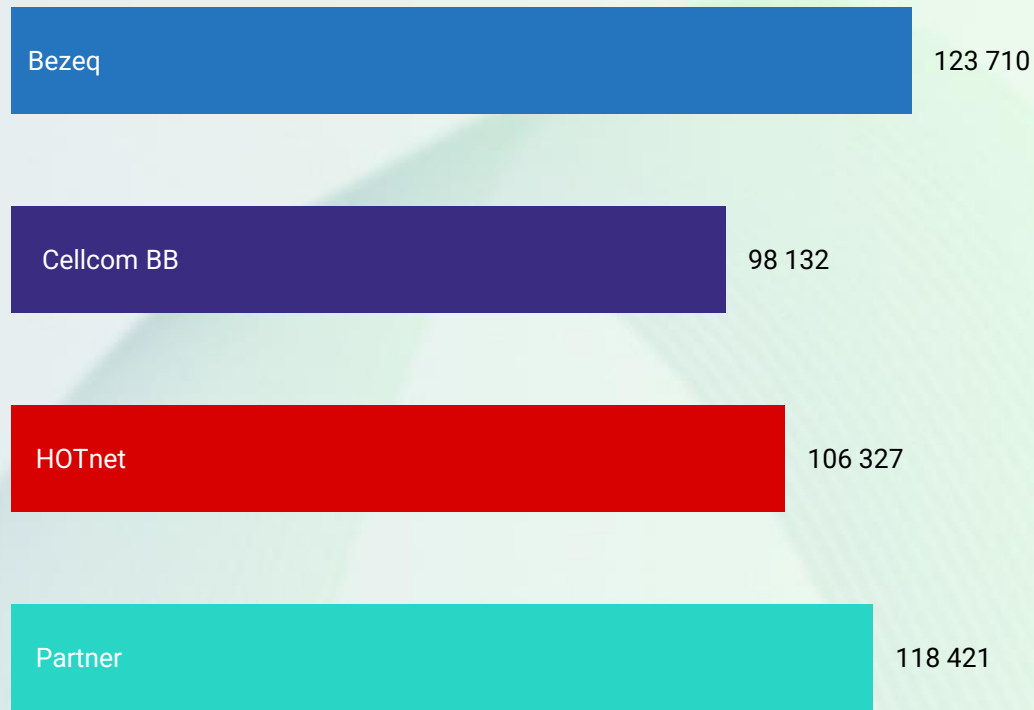


The subscribers of Bezeq and Partner enjoyed the best WIFI Internet performances in Israel in 2024.

- Best performances WIFI: Bezeq and Partner
 - Best web browsing performances WIFI: Partner
 - Best video streaming performances WIFI: Partner
 - Fastest performances (Download) WIFI: Partner
 - Fastest performances (Upload) WIFI: Bezeq
 - WIFI connections with the lowest latency: Bezeq
- Source : nperf.com



nPerf Score (nPoints)



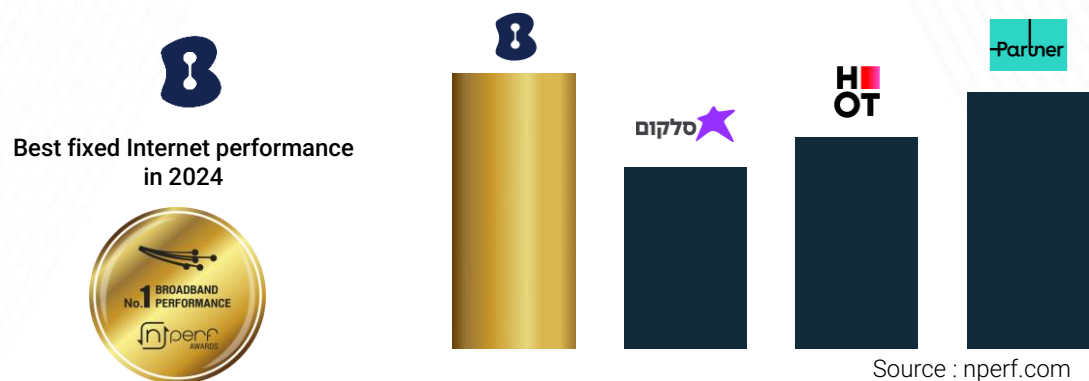
Source : nperf.com

The subscribers of Bezeq enjoyed the best fixed Internet performances in 2024.

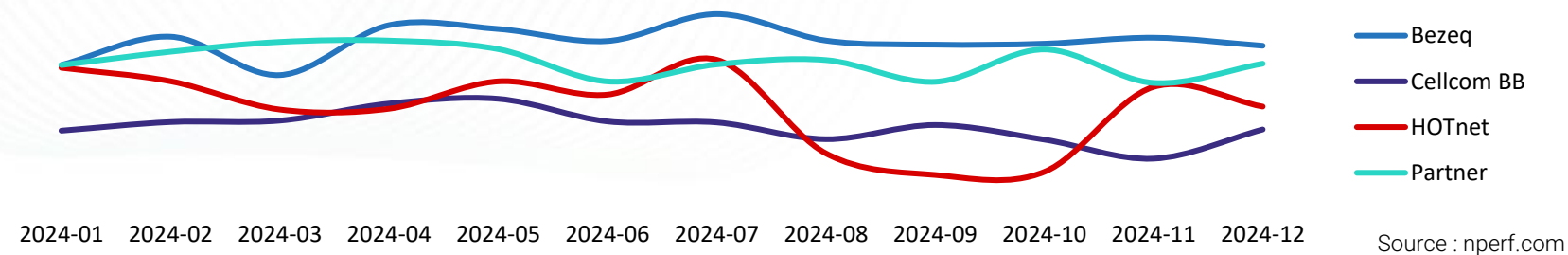
The nperf score takes into account the measured bitrates, the latency and the Qoe tests. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user.

Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nperf.com



nPerf score evolution over the year (average)



Source : nperf.com

The background features a series of thin, light-colored wavy lines that create a sense of motion and depth. These lines are layered and curve across the frame, set against a dark, muted blue background.

↳ perf