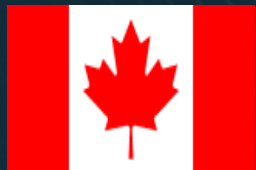




Barometer of fixed Internet connections in Canada

01/01/2025 - 12/31/2025



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nPerf**

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**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.

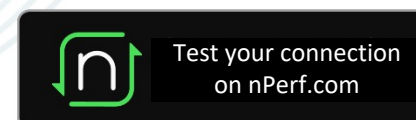
 **300k+** tests daily
worldwide.

 **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 Gbps! Download our app or visit our website!



2. Executive Summary



The subscribers of Bell enjoyed the best Fixed Internet performances in 2025 in Canada.

Fixed Internet performance in Canada

	Bell	Cogeco	Rogers	Telus	Videotron
Reliability Index (%)	68.51	63.95	49.82	41.06	62.79
Download bitrates (Mbps)	427.83	292.08	293.06	245.37	254.92
Upload bitrates (Mbps)	360.61	67.73	94.21	192.69	49.00
Latency (ms)	16.39	20.42	37.69	45.41	19.44
Web browsing (%)	84.17	79.47	74.87	74.18	83.11
Youtube streaming (%)	88.18	83.72	84.90	83.39	86.43

nPerf Score (nPoints)	154 221	127 359	117 527	115 572	129 082
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Source : nPerf.com



Best Fixed Internet performance
in 2025



Source : nPerf.com

nPerf Podium



Source : nPerf.com

The subscribers of Bell enjoyed the best WIFI Internet in 2025 in Canada.

Fixed Internet performance in Canada

	<u>Bell</u>	Cogeco	Rogers	Telus	Videotron
 Download bitrates (Mbps)	372.85	224.90	267.57	216.86	214.49
 Upload bitrates (Mbps)	305.33	57.57	84.15	167.39	35.36
 Latency (ms)	15.90	21.85	36.48	36.14	19.80
 Web browsing (%)	84.88	80.00	75.27	78.80	84.26
 Youtube streaming (%)	88.36	83.71	85.23	85.98	87.04
 nPerf Score (nPoints)	152 414	122 339	116 674	121 665	125 620

Source : nPerf.com

3. Analysis



The Canadian fixed Internet sector displays an average score of 130,600 nPoints. Bell Internet leads with 154,221 nPoints and dominates WiFi. The sector features strong competition across all key performance indicators, with five main operators delivering solid performances.

Bell Internet: consolidated sector leadership

Bell Internet leads with 154,221 nPoints and dominates every single indicators including reliability and video streaming. The operator achieves the highest upload performance (360.61 Mbps), ensuring smooth video conferencing and content sharing. It ranks first in video streaming (88.18%). Bell Internet also leads the WiFi segment, delivering a balanced user experience across all usage scenarios.

Videotron Internet: competitive performance

Videotron Internet ranks second with 129,082 nPoints. The operator displays solid video streaming performance (86.43%, 2nd place) and maintains a competitive sector position.

Cogeco Internet: strong progression

Cogeco Internet ranks second ex-aequo with 127,359 nPoints and

records a moderate progression of 1.3%. The operator achieves competitive download speeds (292.08 Mbps, 3rd place).

Rogers Internet: competitive download speeds

Rogers Internet ranks fourth with 117,527 nPoints and delivers strong download performance (293.06 Mbps, 2nd place), ensuring smooth HD streaming and rapid file transfers.

Telus Internet: quality upload performance

Telus Internet ranks fourth ex-aequo with 115,572 nPoints and displays solid upload speeds (192.69 Mbps, 2nd place), supporting efficient video conferencing and content sharing.

Bell Internet consolidates its leadership with balanced performances across all indicators, particularly excelling in reliability and video streaming. The sector features strong competition with five operators delivering quality fixed Internet services. Canadian users benefit from high-performance offerings!

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

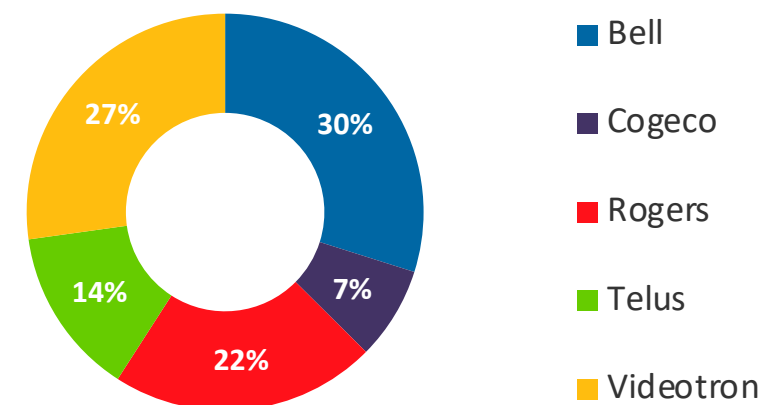
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

Statistical precision is crucial in accurately determining winners. At nPerf, we prioritize test quality, precise reporting, and transparency. nPerf uses confidence intervals to ensure the validity of our data and the intervals have been taken into account for all wins.

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)



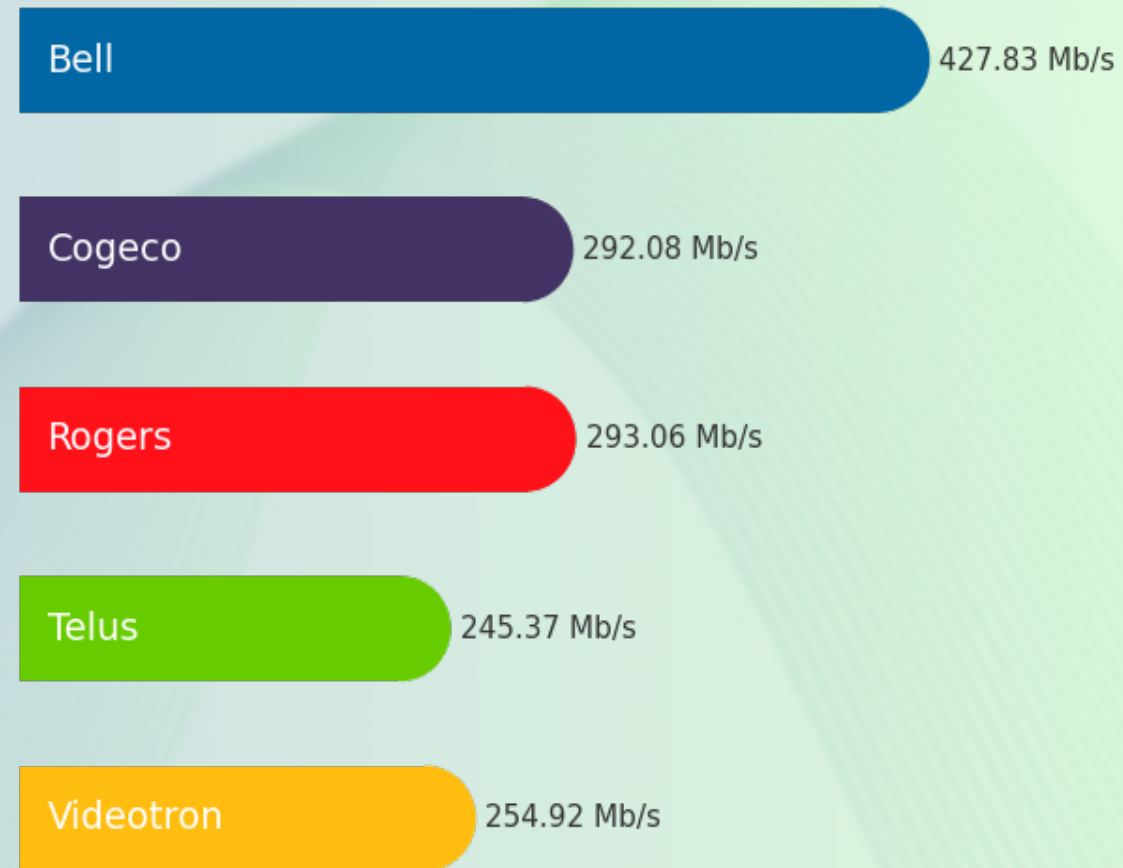
Source : nPerf.com



Download Speed



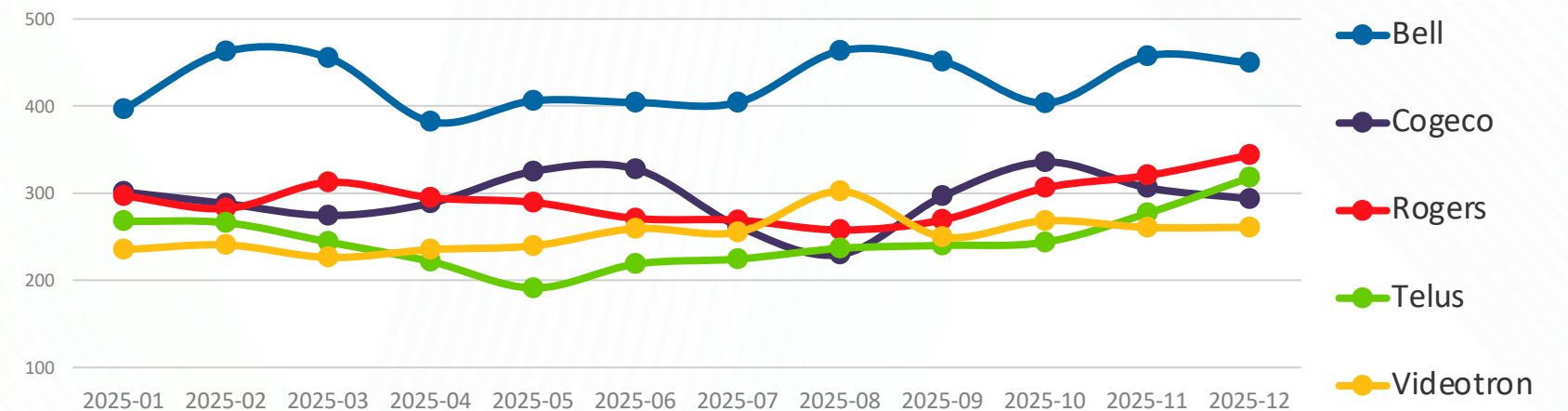
Download Speed (average)



Source : nPerf.com

The subscribers of Bell enjoyed the best Fixed Internet Download Speed in 2025.

Download Speed evolution over the year (average)



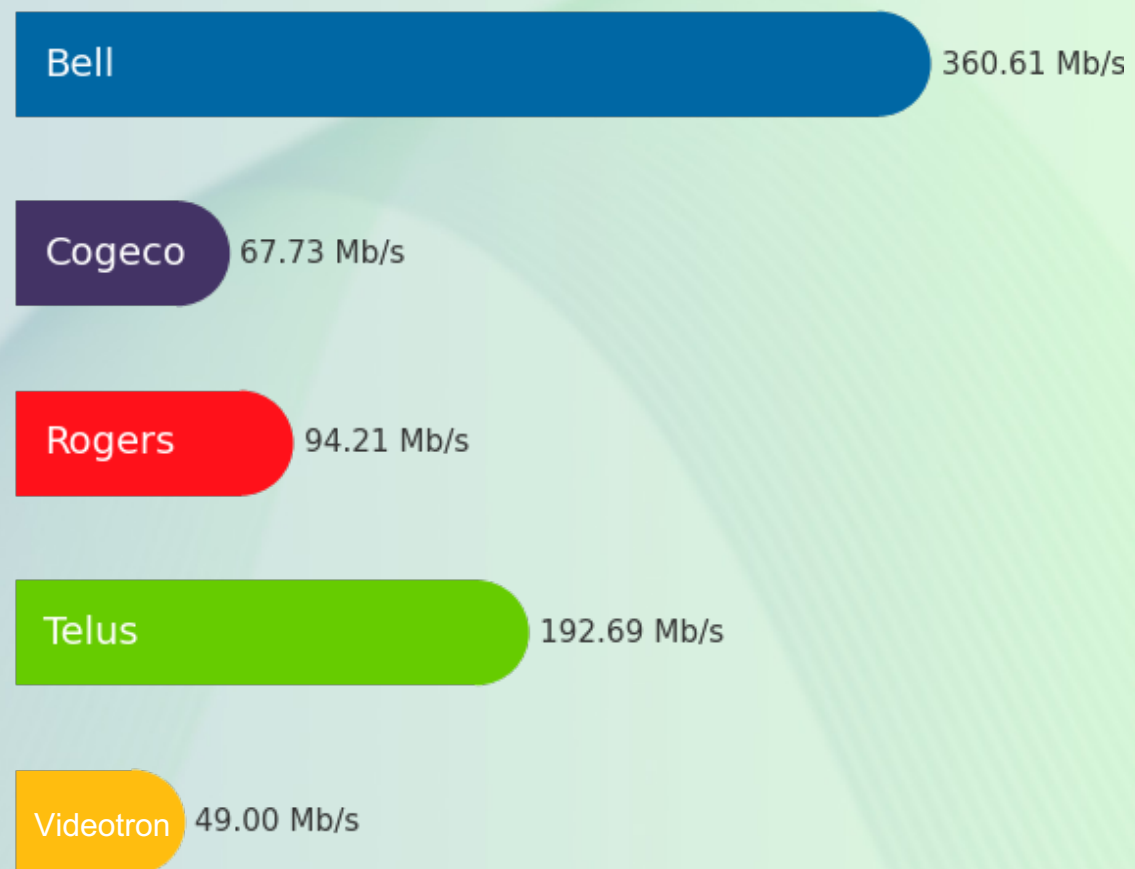
Source : nPerf.com



Upload Speed



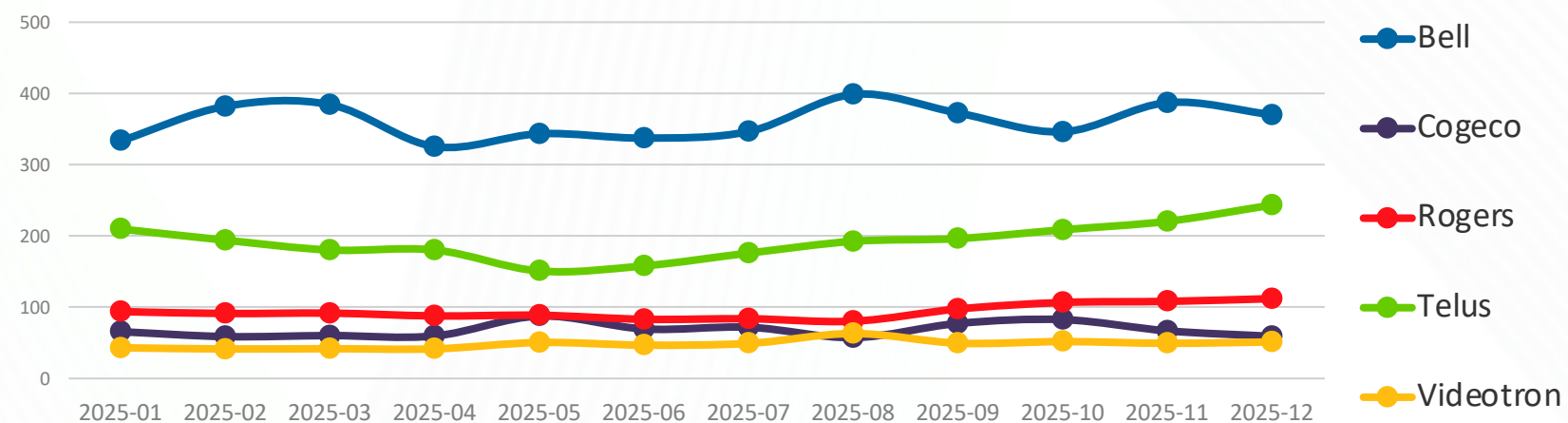
Upload Speed (average)



Source : nPerf.com

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

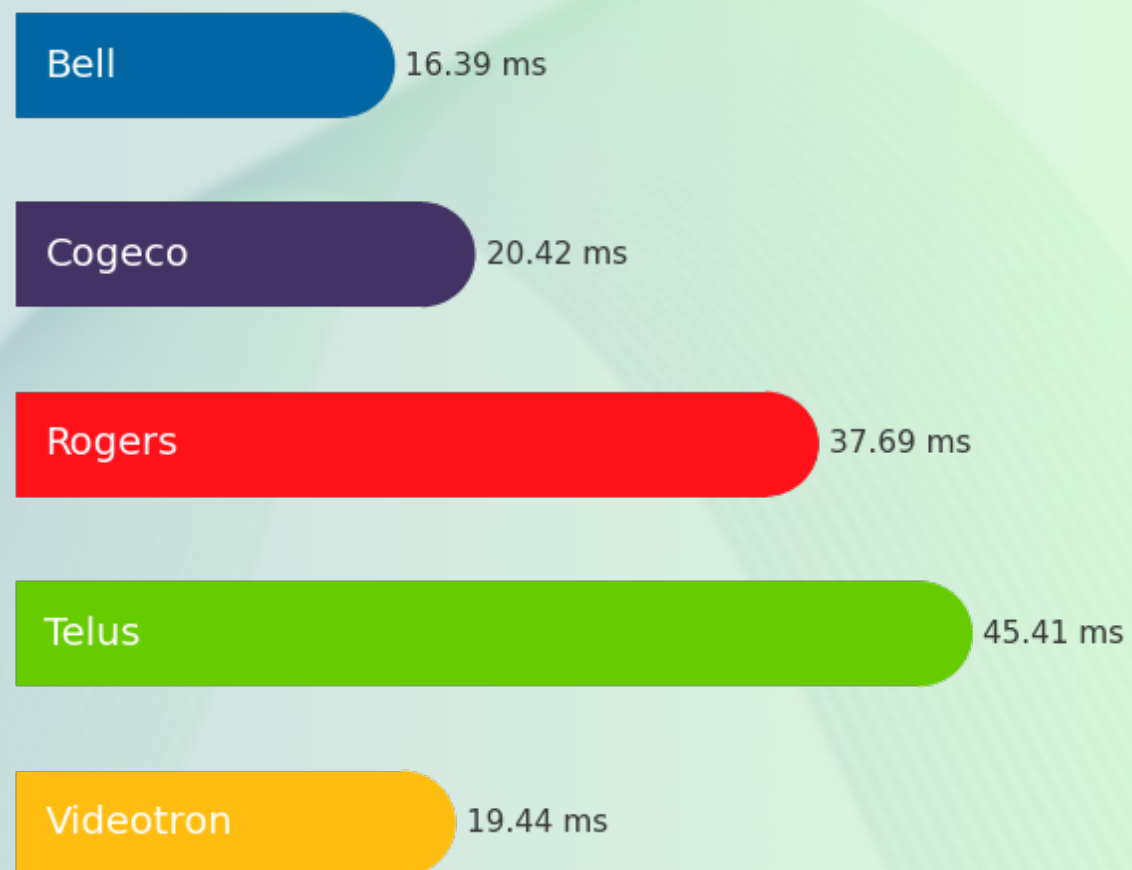
Upload Speed evolution over the year (average)



Source : nPerf.com



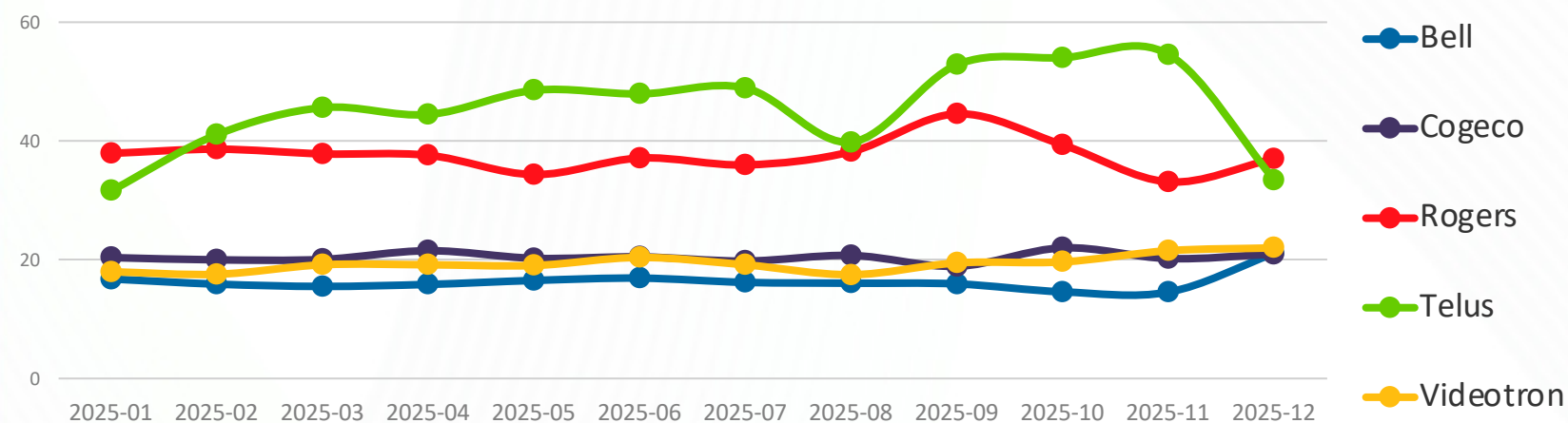
Latency (average)



Source : nPerf.com

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

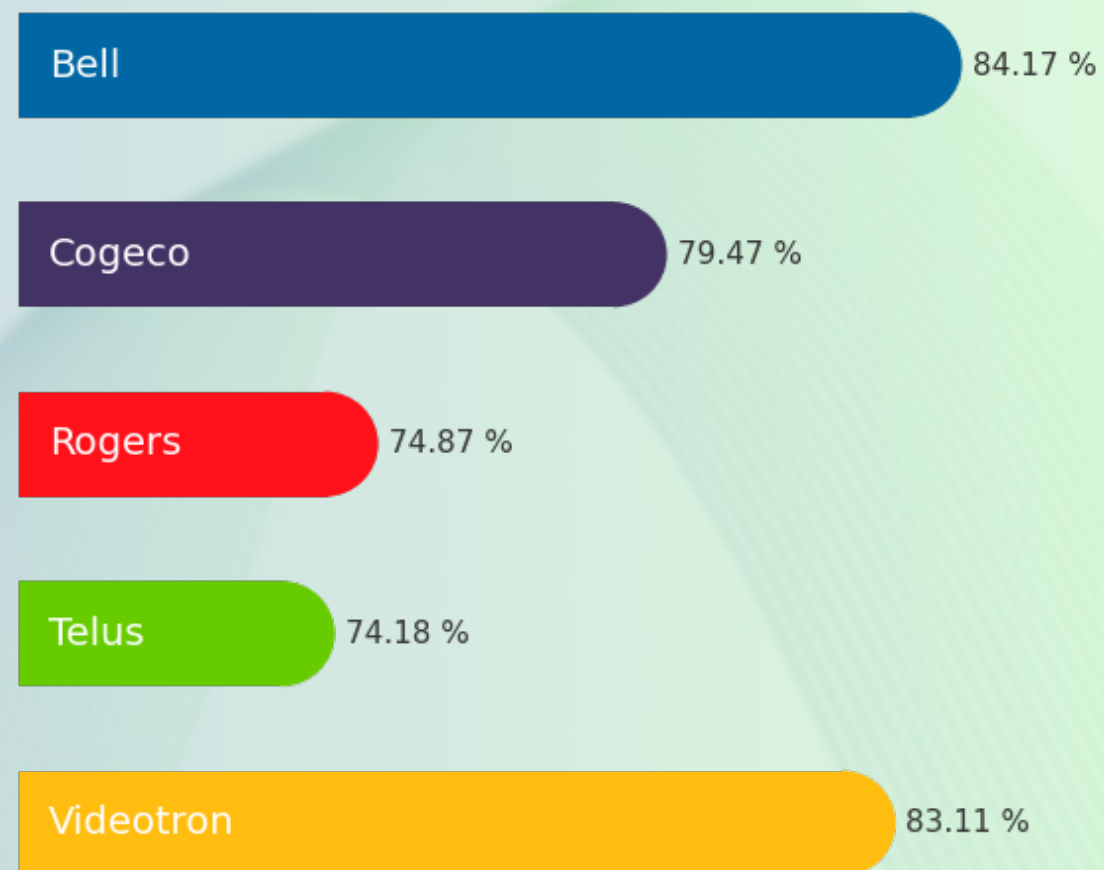
Latency evolution over the year (average)



Source : nPerf.com



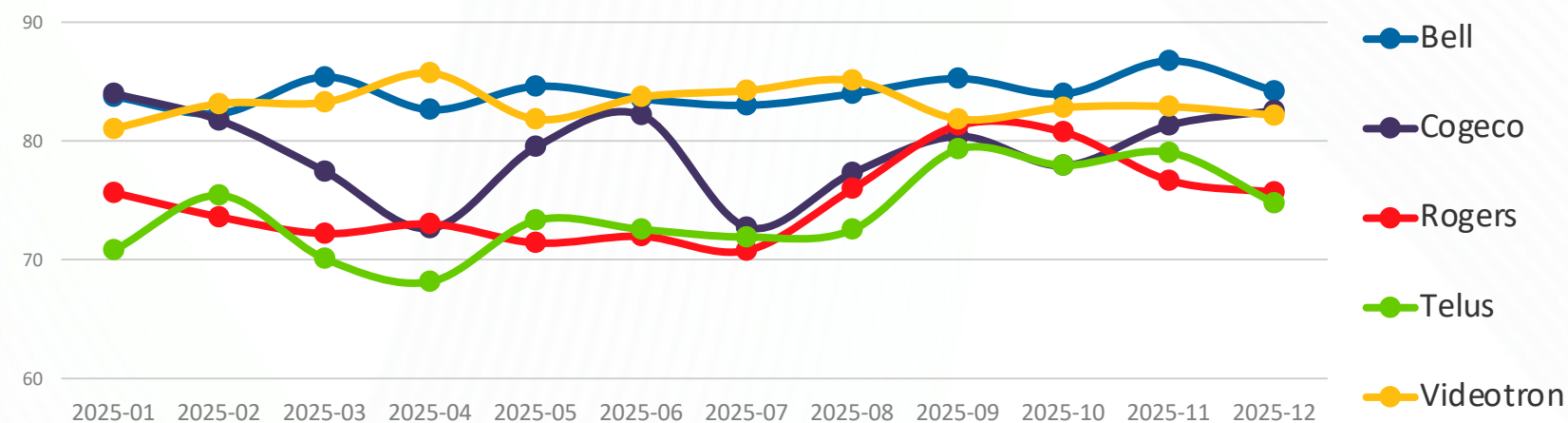
Browsing Performance (average)



Source : nPerf.com

The subscribers of Bell enjoyed the best Fixed Internet Browsing Performance in 2025.

Browsing Performance evolution over the year (average)



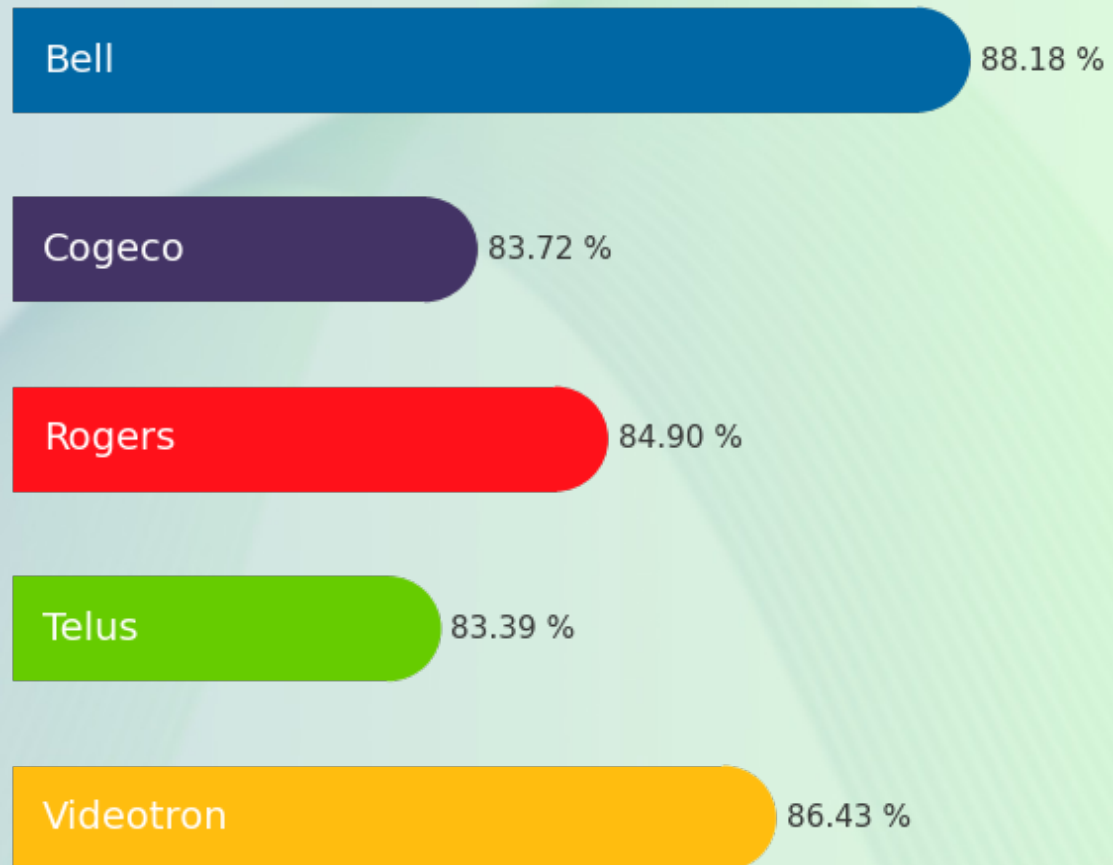
Source : nPerf.com



Streaming Performance



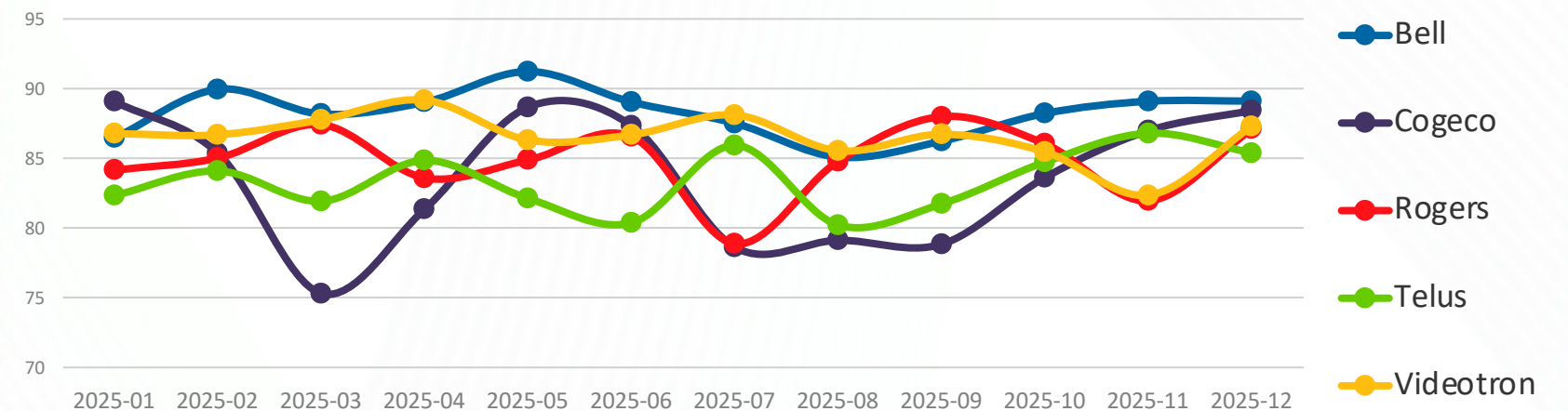
Streaming Performance (average)



Source : nPerf.com

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

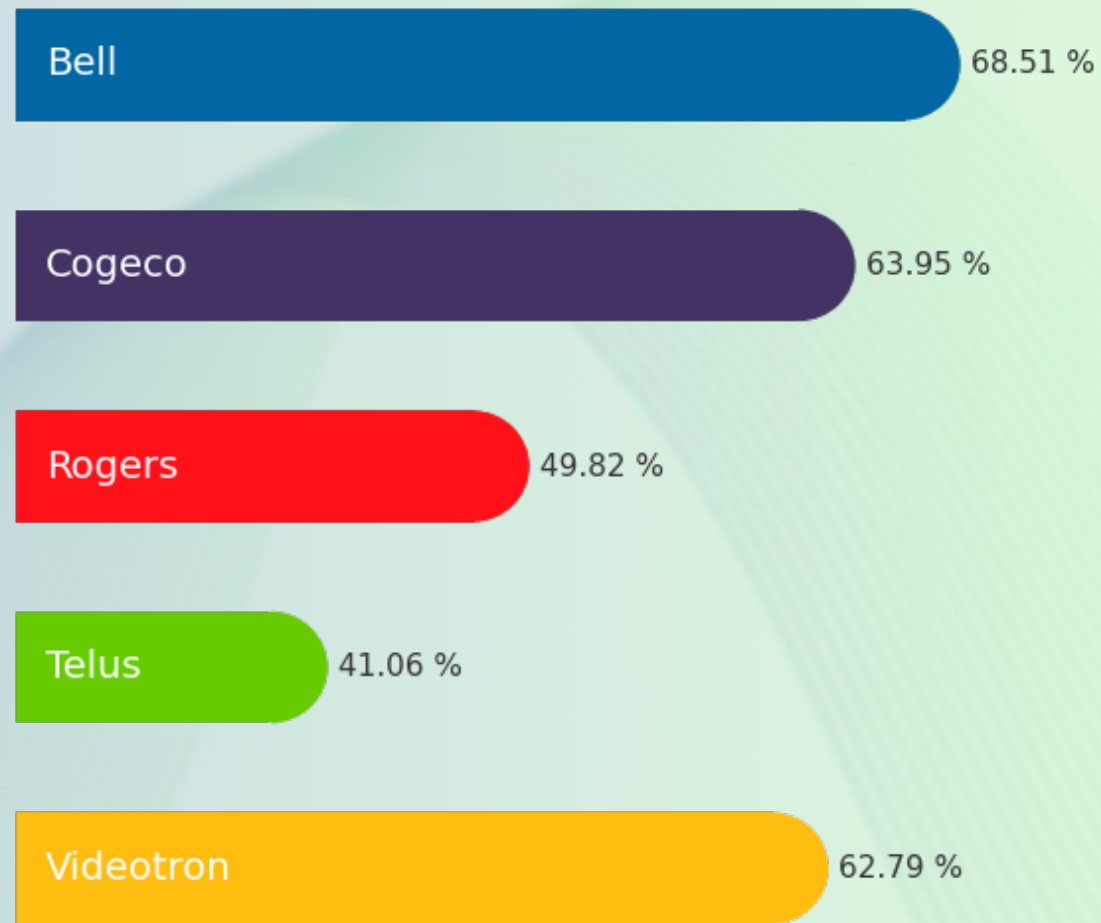
Streaming Performance evolution over the year (average)



Source : nPerf.com



Reliability Index (average)



Source : nPerf.com

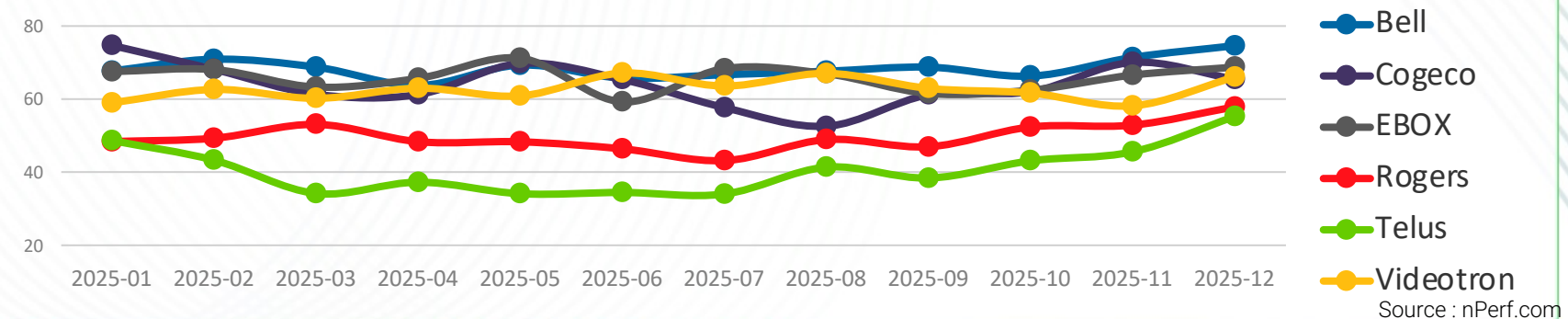
The subscribers of Bell enjoyed the best Fixed Internet Reliability Index in 2025.

$$\text{nPerf_Reliability_Index} = \text{Reliability_Speed} \times \text{Reliability_QoE} / 100$$

Indicator	Detailed calculation	Success Criteria
Reliability Speed	Share of speed tests meeting all performance thresholds	Download ≥ 50 Mbps Upload ≥ 5 Mbps Latency ≤ 50 ms Jitter ≤ 30 ms
Reliability QoE	Share of Browsing and Streaming tests meeting performance thresholds	Streaming Score ≥ 60 Browsing Score ≥ 60 Streaming and Browsing Status = OK

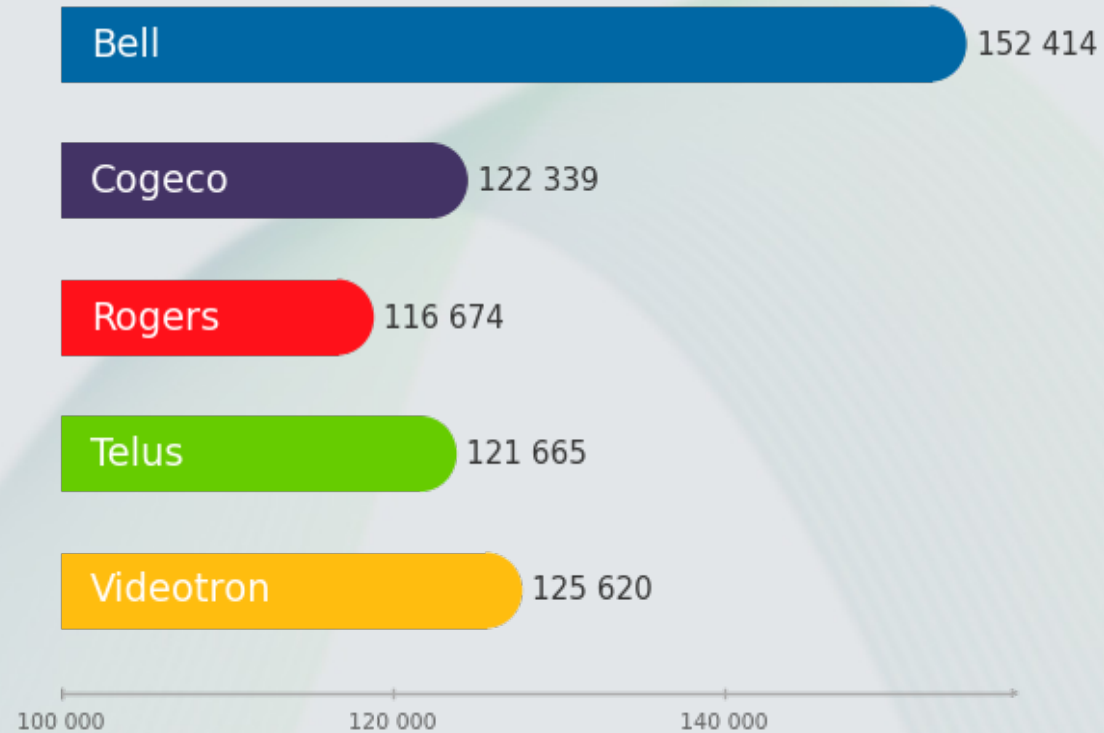
Source : nPerf.com

Reliability Index evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Bell enjoyed the best WIFI Internet in 2025.

Best performances WIFI: Bell

Fastest performances (Download Speed) WIFI: Bell

Fastest performances (Upload Speed) WIFI: Bell

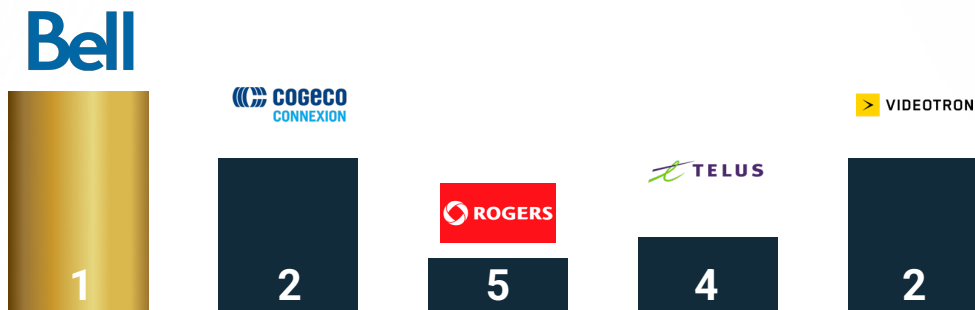
WIFI connections with the lowest latency: Bell

Best web browsing performances WIFI: Bell

Best streaming performances WIFI: Bell

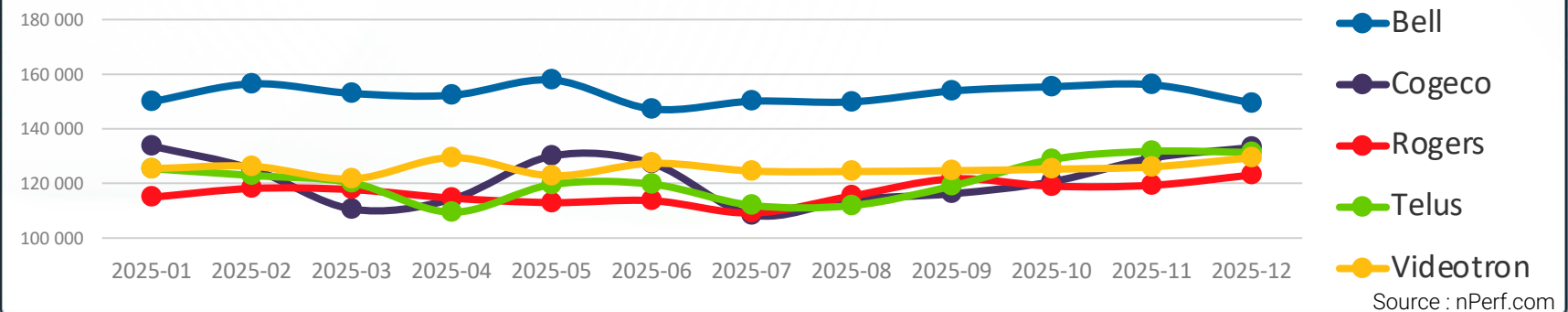
Source : nPerf.com

nPerf Podium



Source : nPerf.com

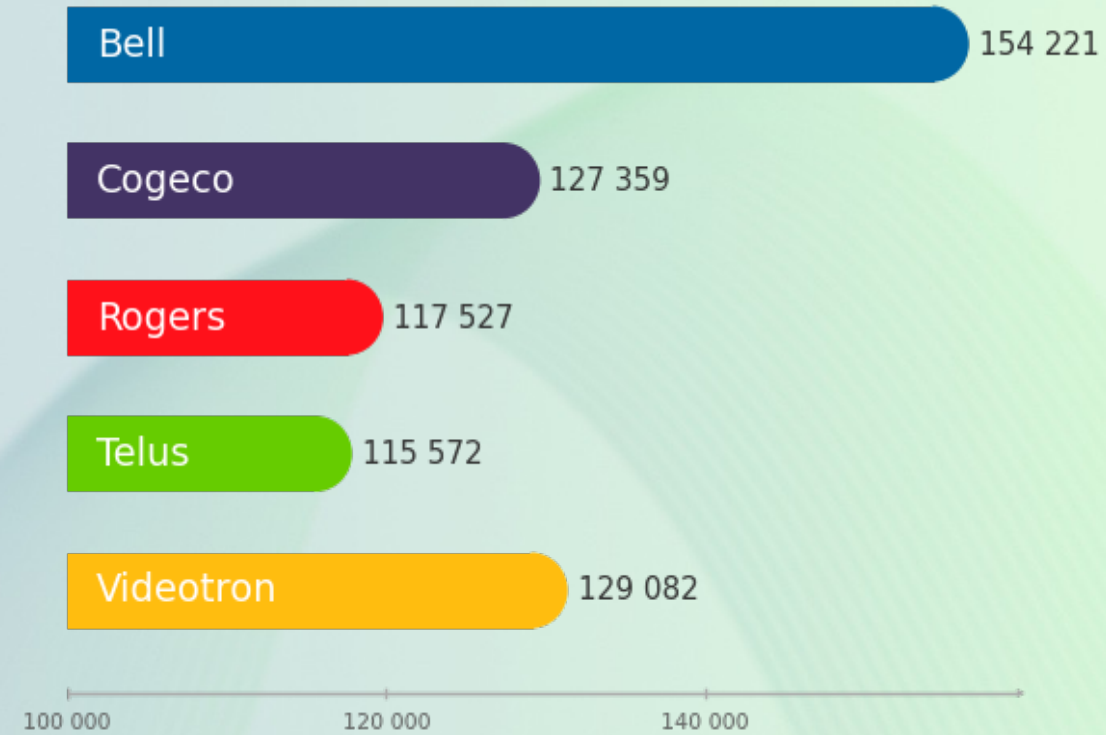
nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Bell 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

Bell

Best Fixed Internet performance in 2025



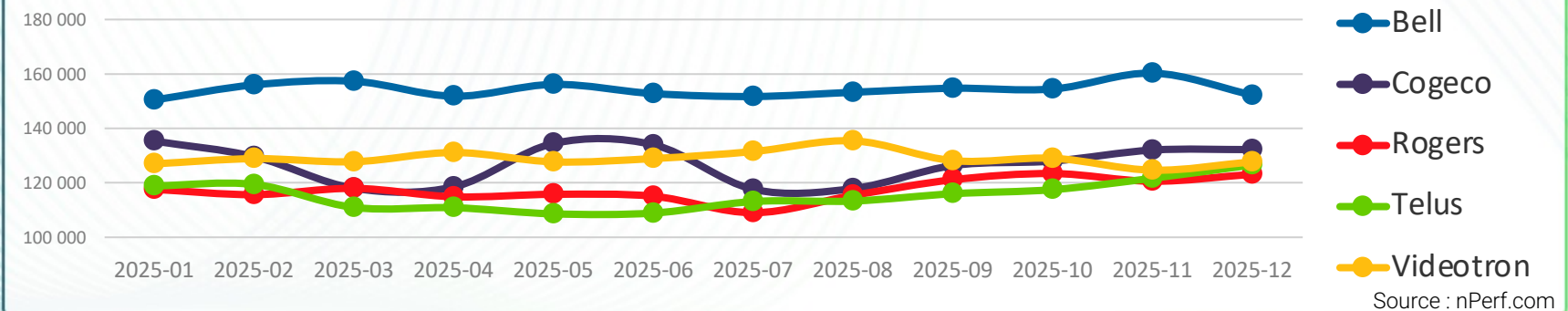
Bell



nPerf Podium

Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com

