



Barometer of fixed Internet connections in Moldova

01/01/2025 - 12/31/2025



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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.



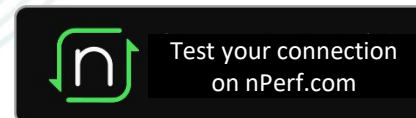
26Md+ coverage scans in total.



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 Gb/s! Download our app or visit our website!



2. Executive Summary



The subscribers of Orange and Starnet enjoyed the best Fixed Internet performances in 2025 in Moldova.

Fixed Internet performance in Moldova

	IDC	Moldcell	Moldtelecom	Orange	Starnet
Download bitrates (Mb/s)	100.10	61.90	124.65	206.58	228.66
Upload bitrates (Mb/s)	63.72	28.57	105.33	190.06	198.74
Latency (ms)	25.52	24.99	22.34	13.77	16.15
Web browsing (%)	63.08	63.93	63.55	74.89	72.53
Youtube streaming (%)	77.84	70.22	80.07	78.40	80.02
nPerf Score (nPoints)	94 812	81 223	103 771	126 432	125 581

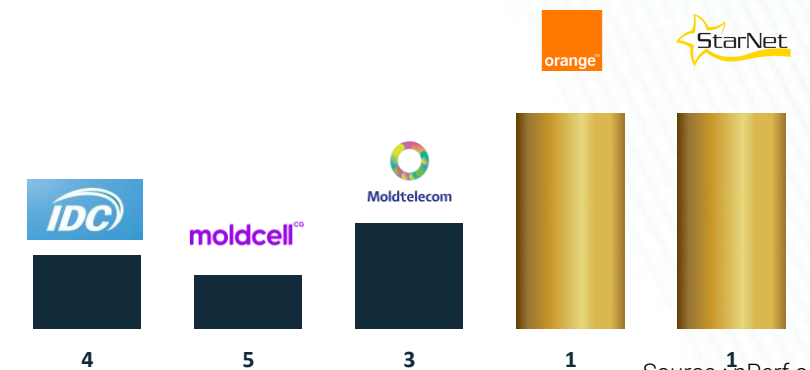
Source : nPerf.com



Best Fixed Internet performance in 2025



Source : nPerf.com



Source : nPerf.com

The subscribers of Orange and Starnet enjoyed the best WIFI Internet in 2025 in Moldova.


Fixed Internet performance in Moldova

	IDC	Moldcell	Moldtelecom	Orange	Starnet
▼ Download bitrates (Mb/s)	64.82	34.90	109.66	166.83	183.51
▲ Upload bitrates (Mb/s)	56.03	28.03	100.16	144.13	158.16
◀▶ Latency (ms)	20.92	28.49	21.87	12.41	12.76
🌐 Web browsing (%)	65.39	64.93	67.53	75.19	73.09
📺 Youtube streaming (%)	82.19	74.22	81.32	78.47	80.64
nPerf Score (nPoints)	96 274	76 112	106 054	123 463	124 982

Source : nPerf.com

The subscribers of Orange and Starnet enjoyed the best FTTH Internet in 2025 in Moldova.

Fixed Internet performance in Moldova

	IDC	Moldcell	Moldtelecom	Orange	Starnet
▼ Download bitrates (Mb/s)	259.50	252.26	371.99	418.39	388.97
▲ Upload bitrates (Mb/s)	178.34	264.08	340.63	394.57	348.39
◀▶ Latency (ms)	16.05	4.60	18.10	7.82	12.78
🌐 Web browsing (%)	72.47	78.01	76.35	80.17	78.00
📺 Youtube streaming (%)	76.22	85.80	83.44	81.00	85.19
 nPerf Score (nPoints)	123 317	145 675	139 579	150 709	147 377

Source : nPerf.com

The Moldovan fixed-line Internet sector displays an average score of 110,474 nPoints. Orange and StarNet share leadership ex-aequo with 126,432 and 125,581 nPoints respectively, dominating on WiFi and FTTH. The sector features intense competition at the top, with both leaders surpassing 200 Mbps in download and upload speed.

Orange: consolidated leadership position

Orange shares first place ex-aequo with 126,432 nPoints and leads latency with 13.77 ms, ideal for online gaming and real-time communications. The operator dominates browsing with 74.89%, ensuring smooth web navigation. With 206.58 Mbps download speed (2nd place) and 190.06 Mbps upload speed (2nd place), Orange delivers optimal performance for HD streaming and quality video conferencing.

StarNet: competitive speed

StarNet shares first place ex-aequo with 125,581 nPoints and leads download speed with 228.66 Mbps, perfectly suited for 4K streaming. The operator dominates upload speed with 198.74 Mbps, guaranteeing seamless content sharing. StarNet shares video streaming leadership ex-aequo (80.02%) and displays solid browsing performance (72.53%, 2nd place).

Moldtelecom: strong progression

Moldtelecom ranks third with 103,771 nPoints and records strong progression of +4.3%. The operator shares video streaming leadership ex-aequo (80.07%), ensuring fluid viewing experiences. With 124.65 Mbps download speed and 105.33 Mbps upload speed, Moldtelecom delivers balanced performance.

IDC: solid positioning

IDC ranks fourth with 94,812 nPoints and displays download speed of 100.10 Mbps. The operator delivers upload speed of 63.72 Mbps for video conferencing needs.

Moldcell: consistent presence

Moldcell ranks fifth with 81,223 nPoints. The operator displays browsing performance of 63.93%.

Orange and StarNet maintain joint leadership with balanced performances across all indicators. The sector demonstrates intense competition with download and upload speed exceeding 200 Mbps at the top. Users benefit from high-performance services, particularly for 4K streaming and professional video conferencing applications.

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

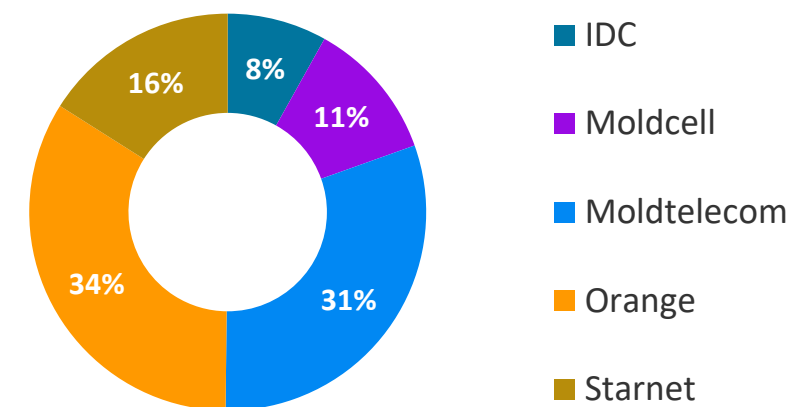
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



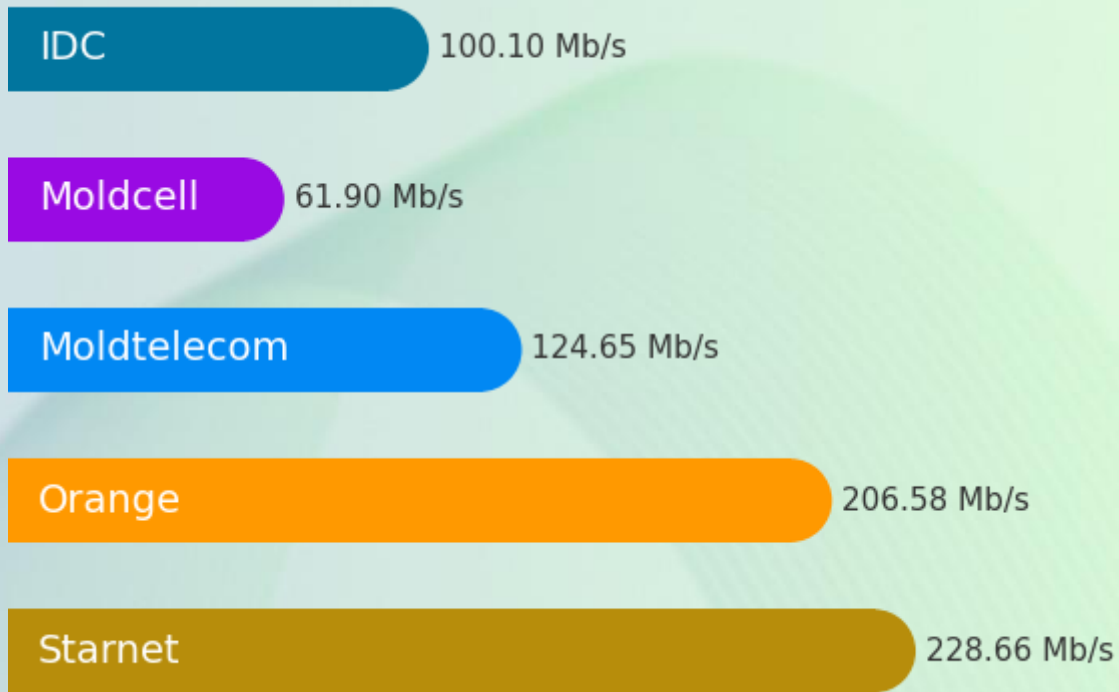
Source : nPerf.com



Download Speed



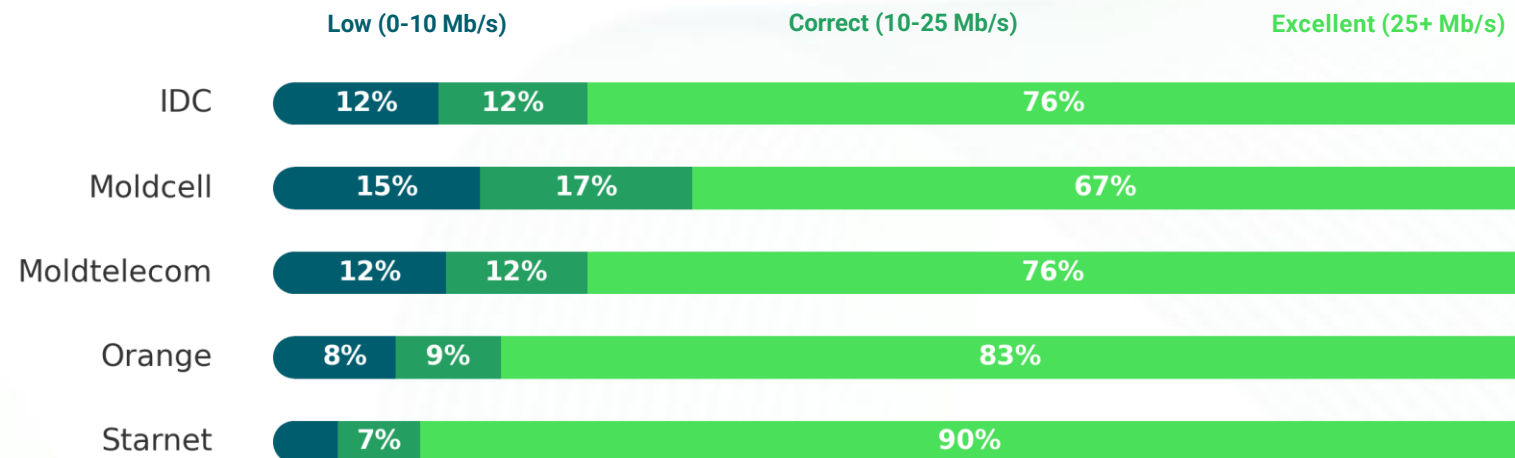
Download Speed (average)



Source : nPerf.com

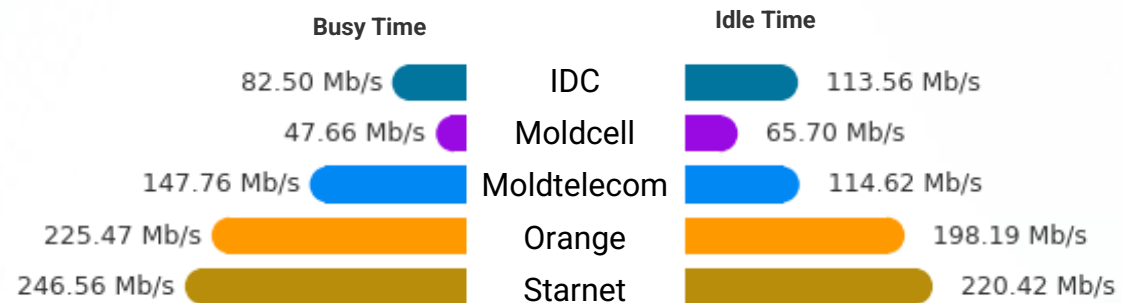
The subscribers of Starnet enjoyed the best Fixed Internet Download Speed in 2025.

Download Speed results ventilation (average)



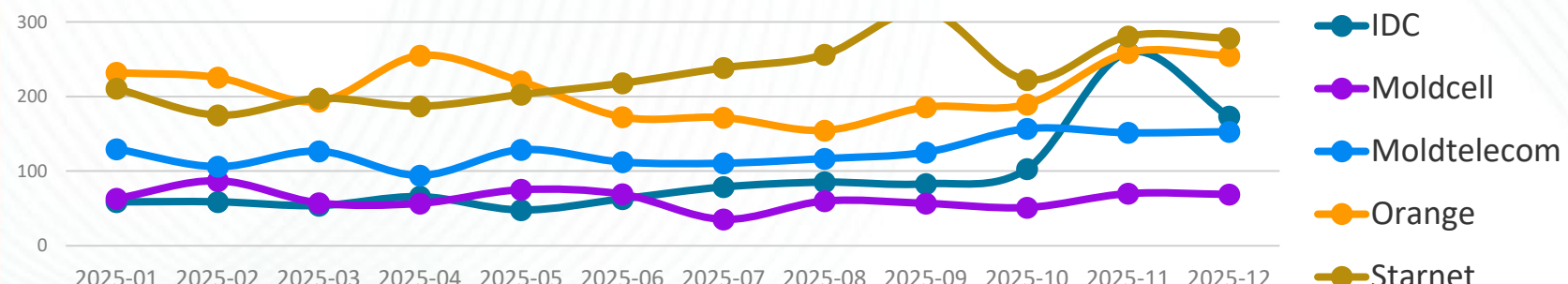
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



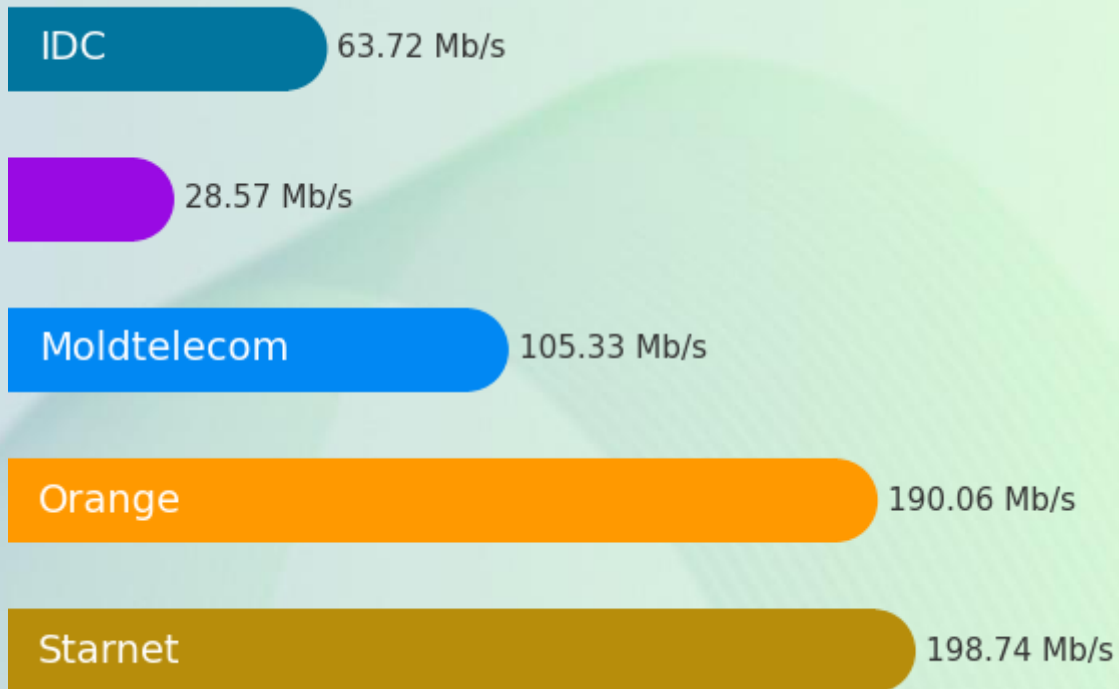
Source : nPerf.com



Upload Speed



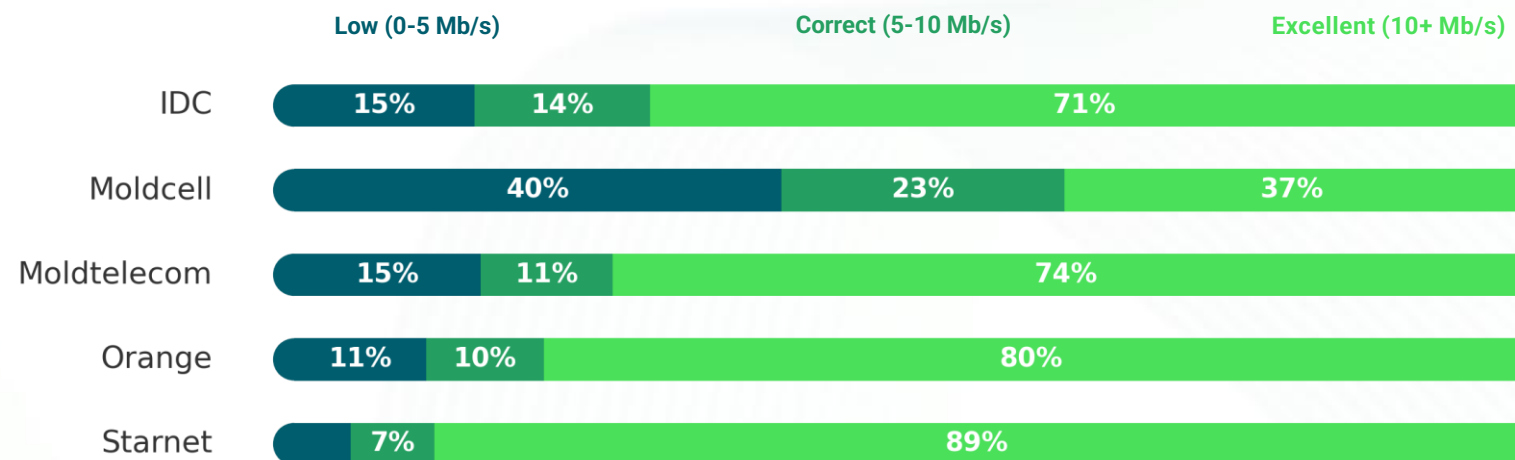
Upload Speed (average)



Source : nPerf.com

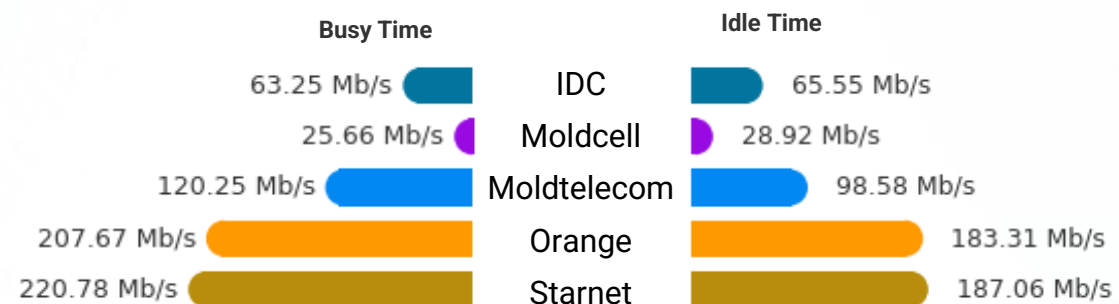
The subscribers of Starnet enjoyed the best Fixed Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



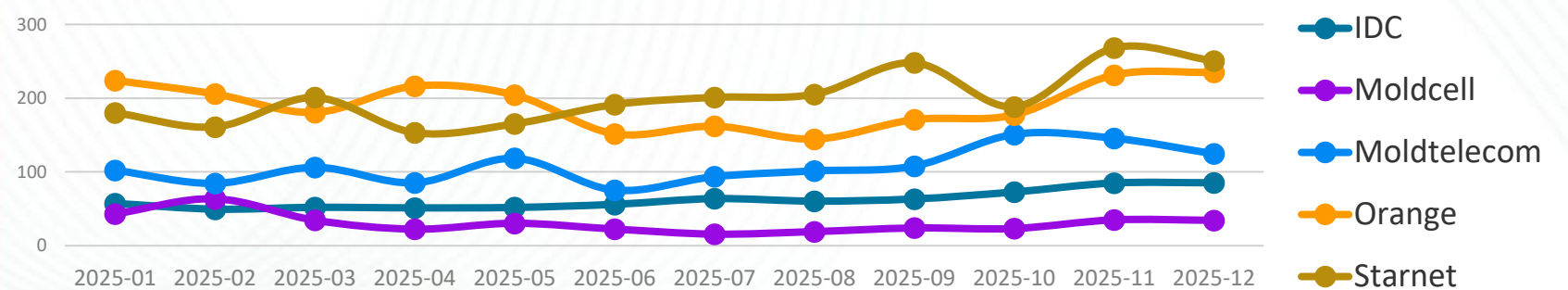
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

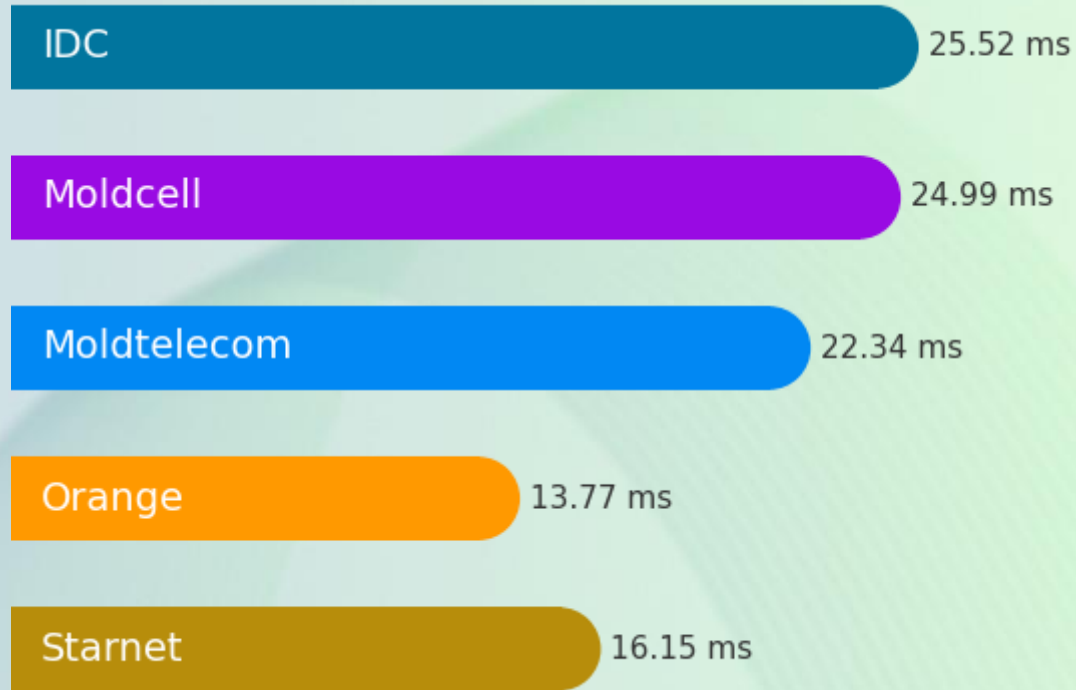
Upload Speed evolution over the year (average)



Source : nPerf.com



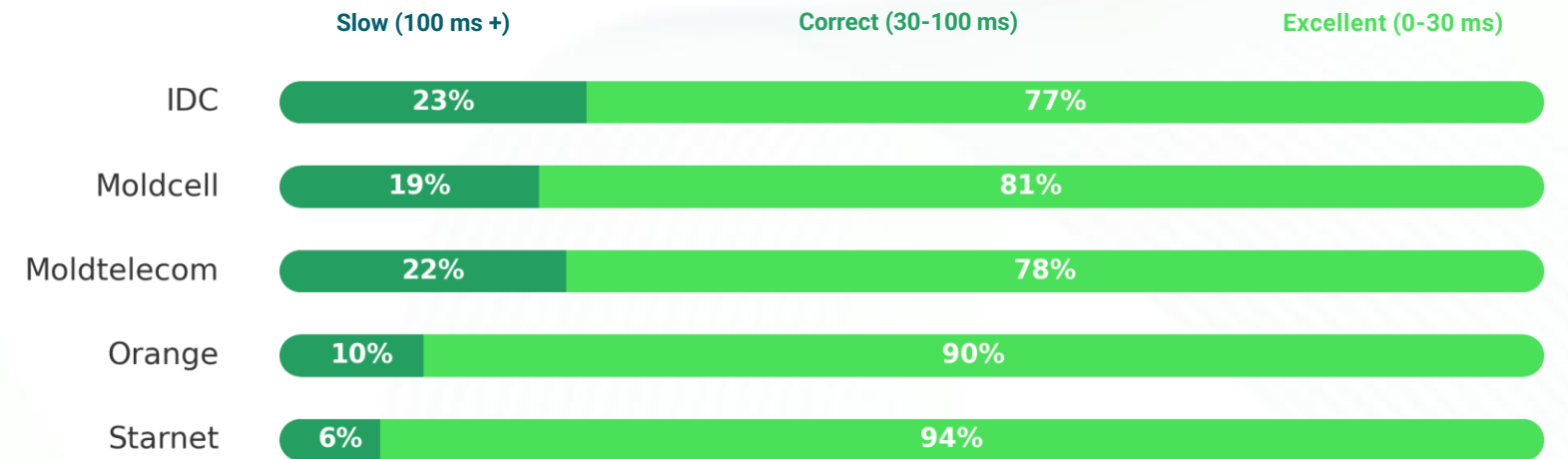
Latency (average)



Source : nPerf.com

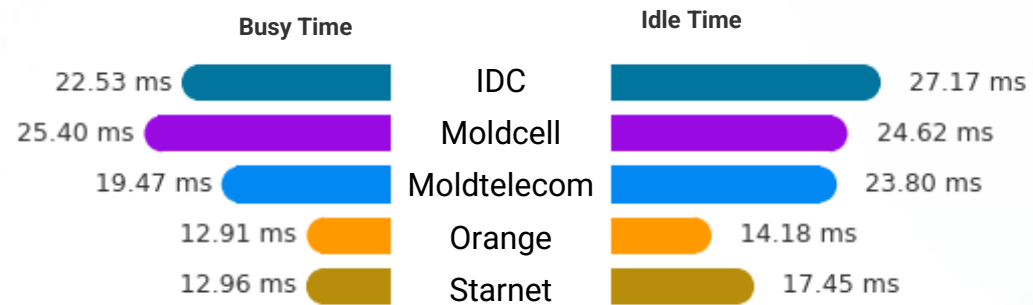
The subscribers of Orange enjoyed the best Fixed Internet Latency in 2025.

Latency results ventilation (average)



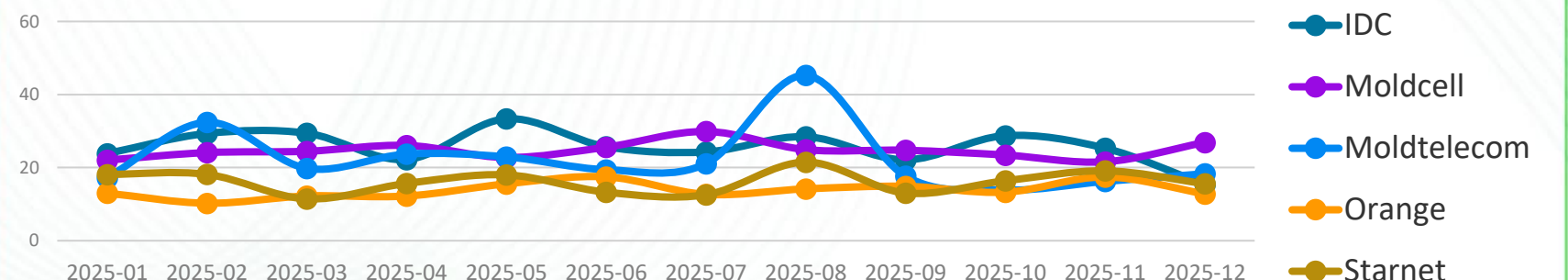
Source : nPerf.com

Latency (average)



Source : nPerf.com

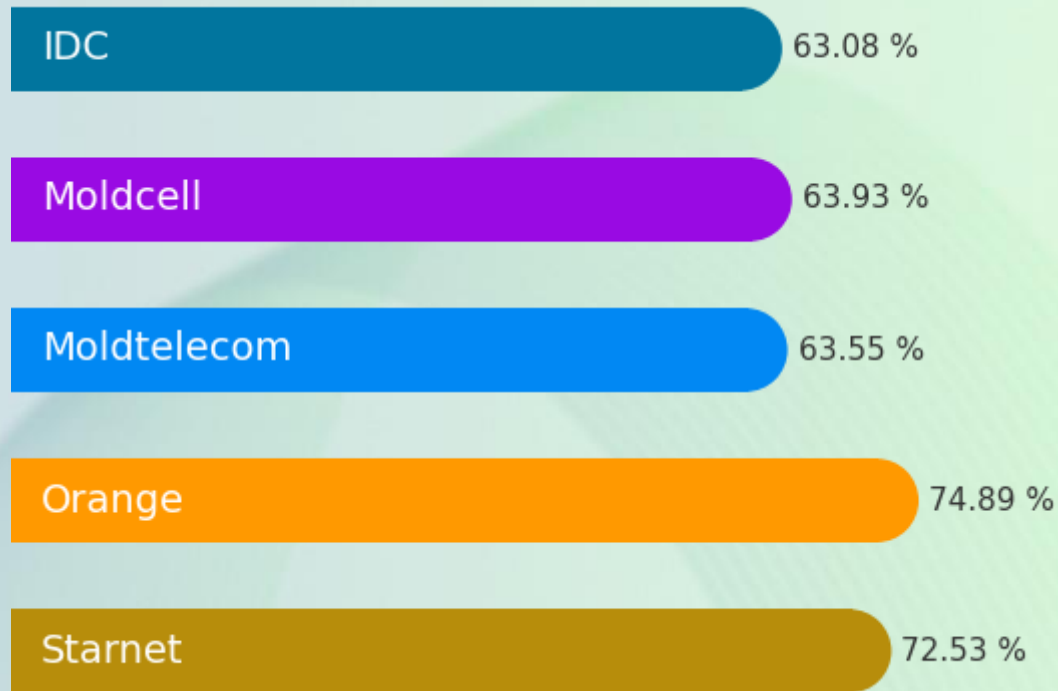
Latency evolution over the year (average)



Source : nPerf.com



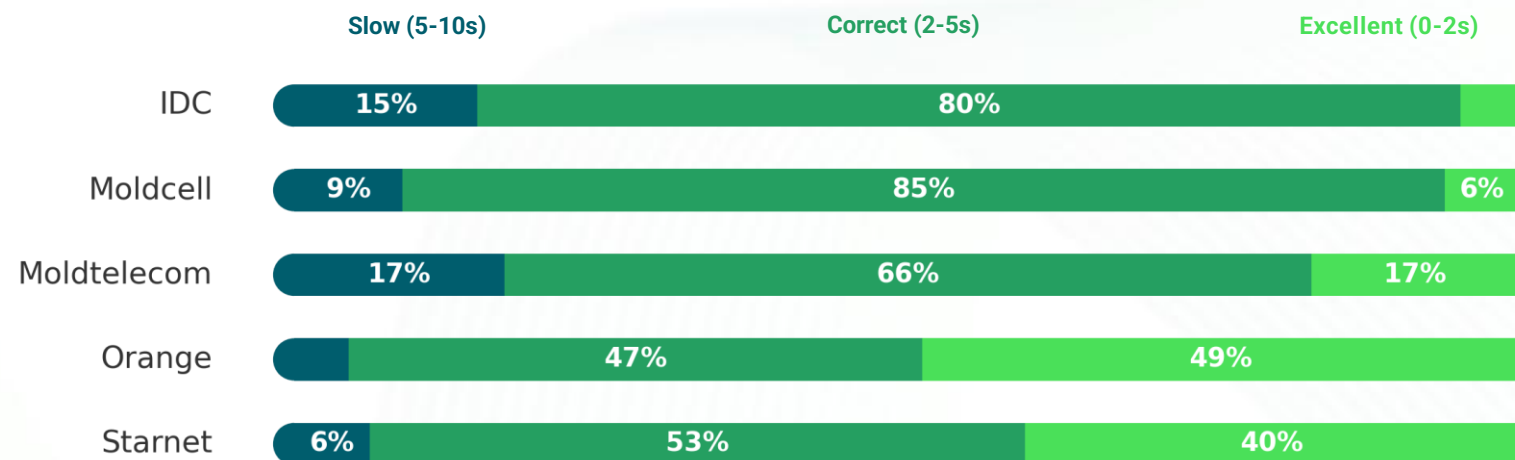
Browsing Performance (average)



Source : nPerf.com

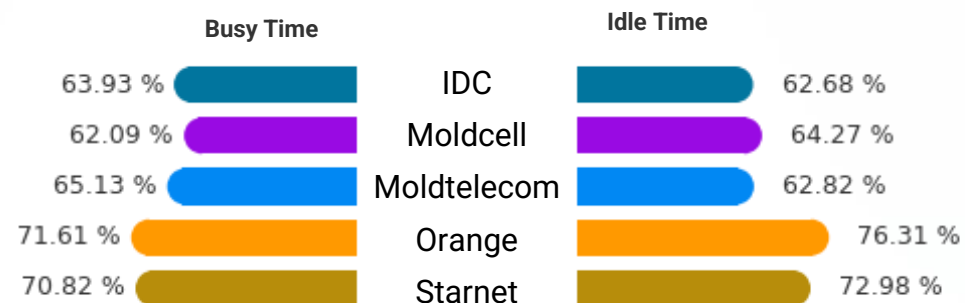
The subscribers of Orange enjoyed the best Fixed Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



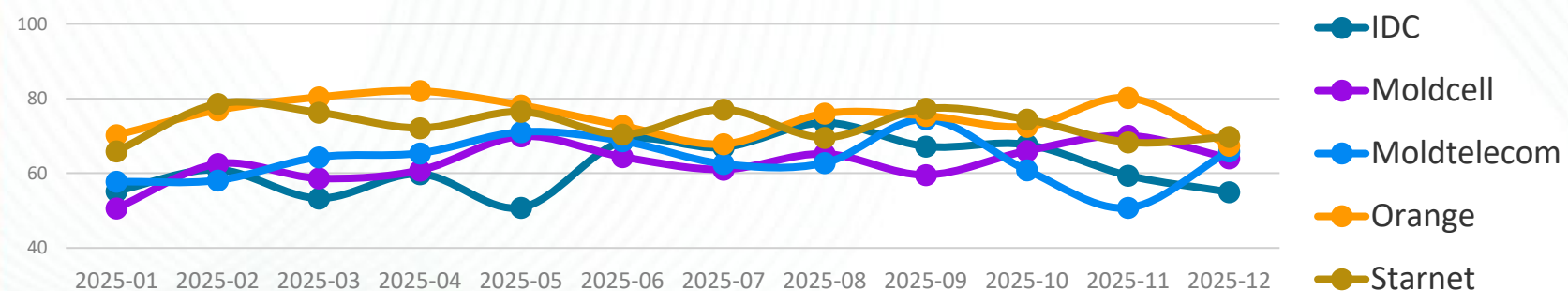
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

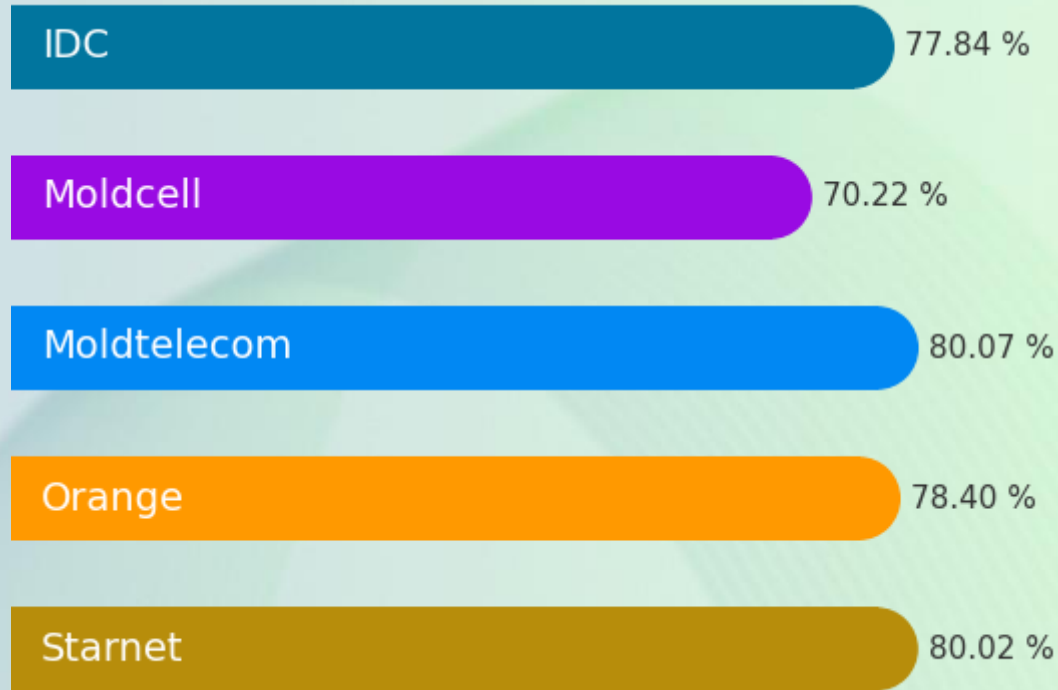
Browsing Performance evolution over the year (average)



Source : nPerf.com



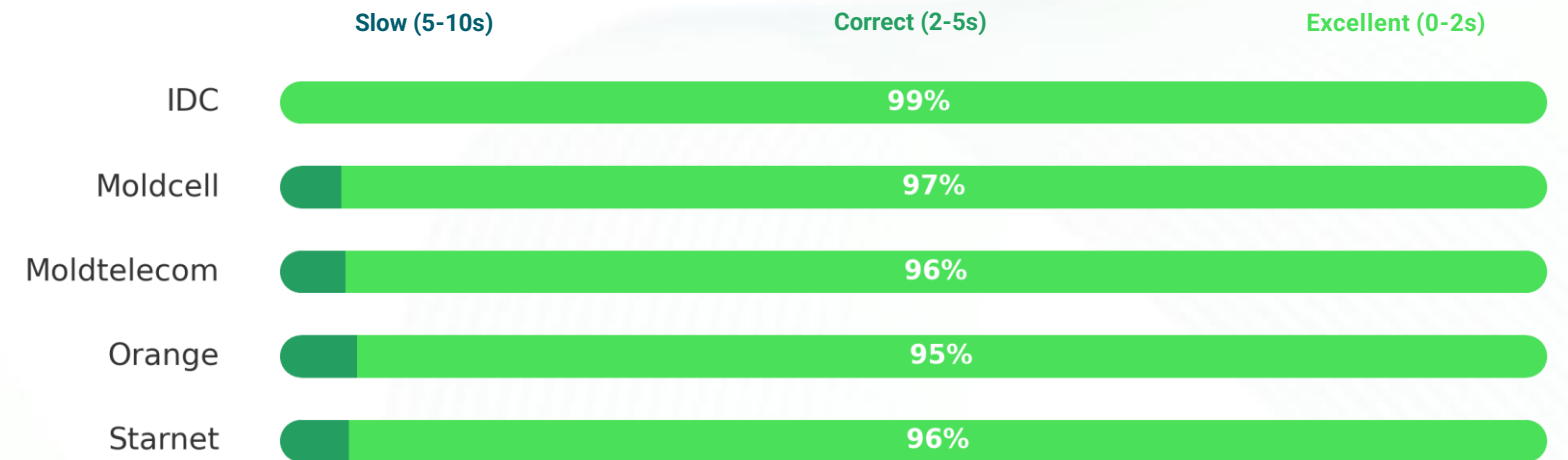
Streaming Performance (average)



Source : nPerf.com

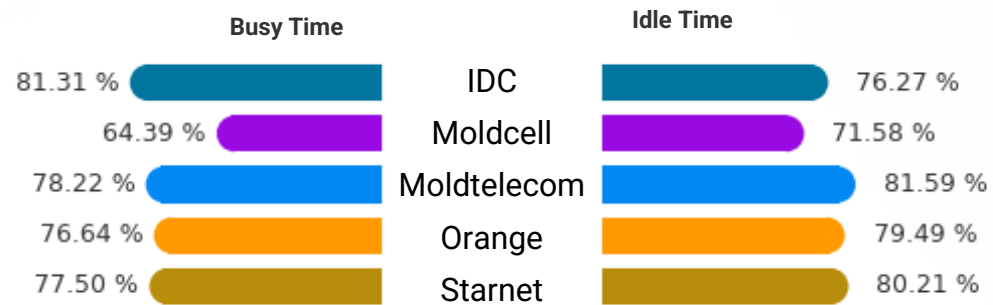
The subscribers of Moldtelecom and Starnet enjoyed the best Fixed Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



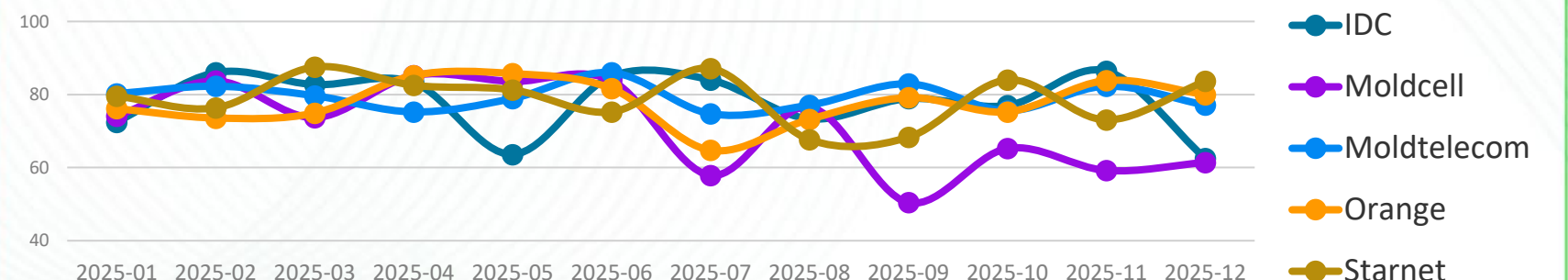
Source : nPerf.com

Streaming Performance (average)



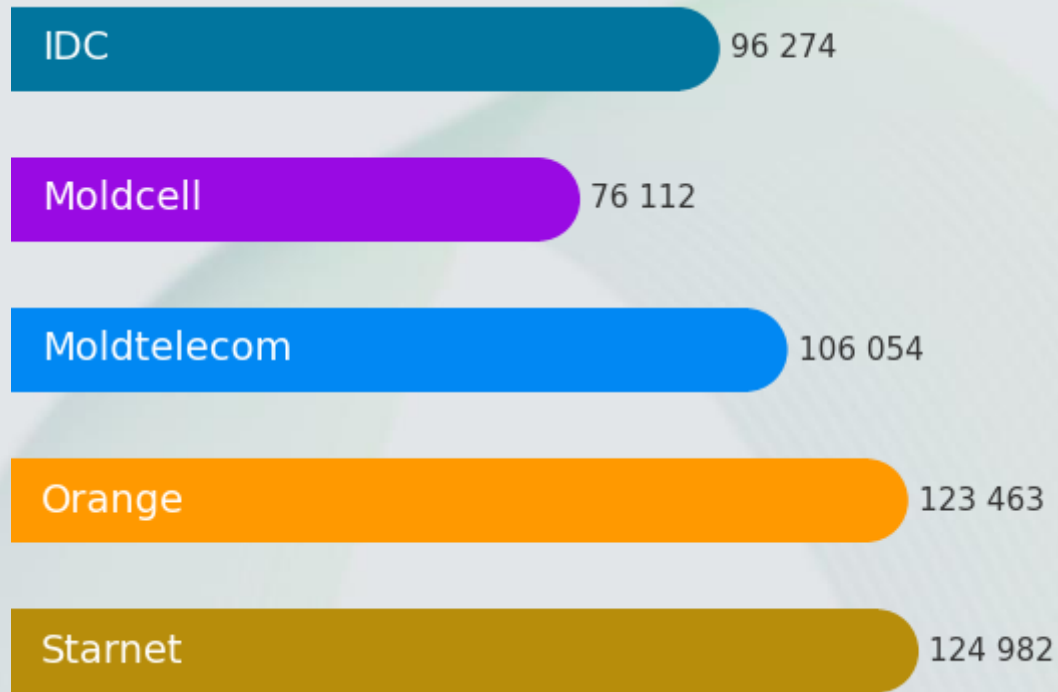
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Orange and Starnet enjoyed the best WIFI Internet in 2025.

Best performances WIFI: Orange and Starnet

Fastest performances (Download Speed) WIFI: Starnet

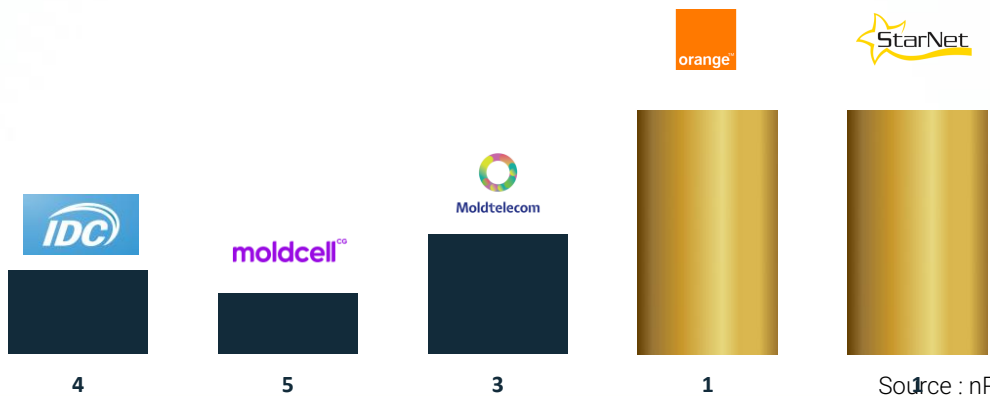
Fastest performances (Upload Speed) WIFI: Starnet

WIFI connections with the lowest latency: Orange and Starnet

Best web browsing performances WIFI: Orange

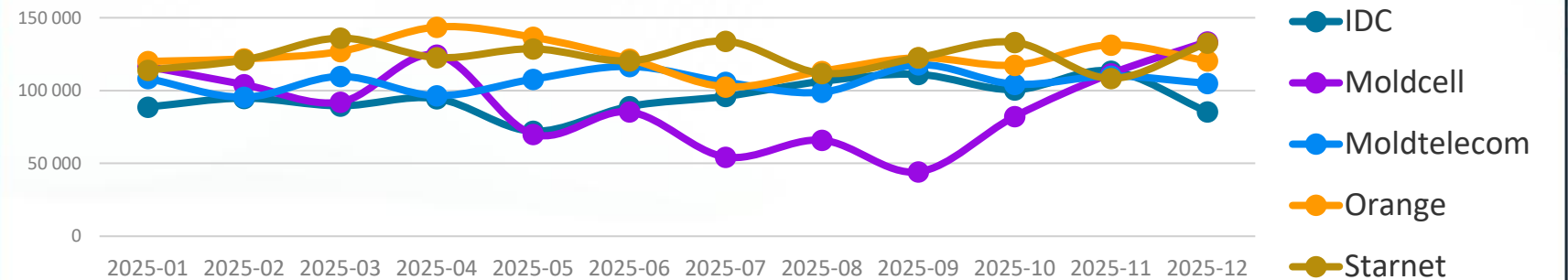
Best streaming performances WIFI: IDC, Moldtelecom and Starnet

Source : nPerf.com



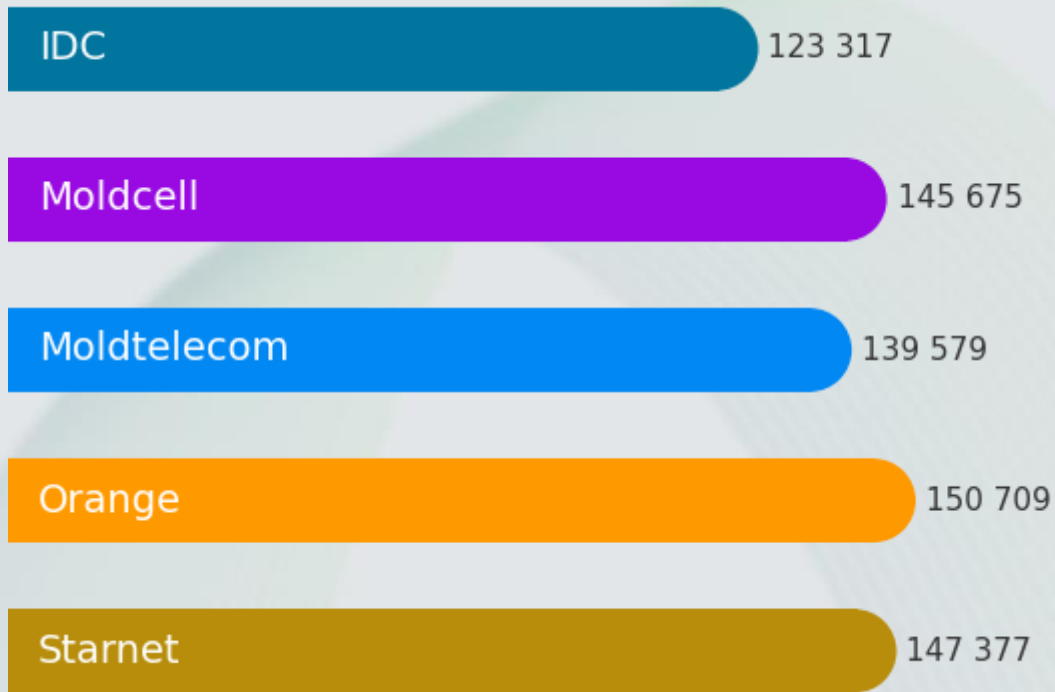
Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Orange and Starnet enjoyed the best FTTH Internet in 2025.

Best performances FTTH: Orange and Starnet

Fastest performances (Download Speed) FTTH: Orange

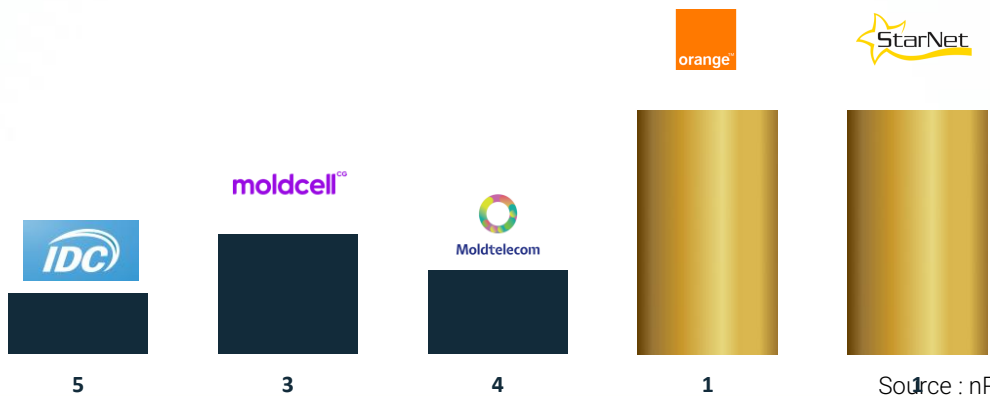
Fastest performances (Upload Speed) FTTH: Orange

FTTH connections with the lowest latency: Moldcell

Best web browsing performances FTTH: Orange

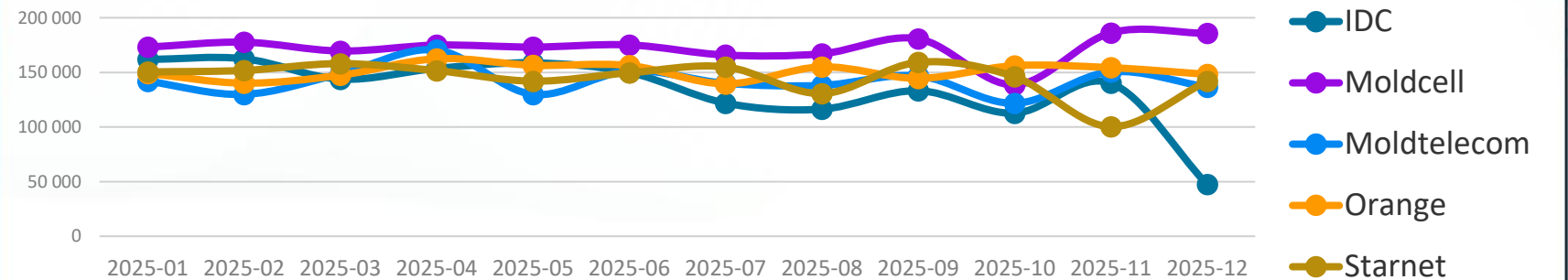
Best streaming performances FTTH: Moldcell and Starnet

Source : nPerf.com



Source : nPerf.com

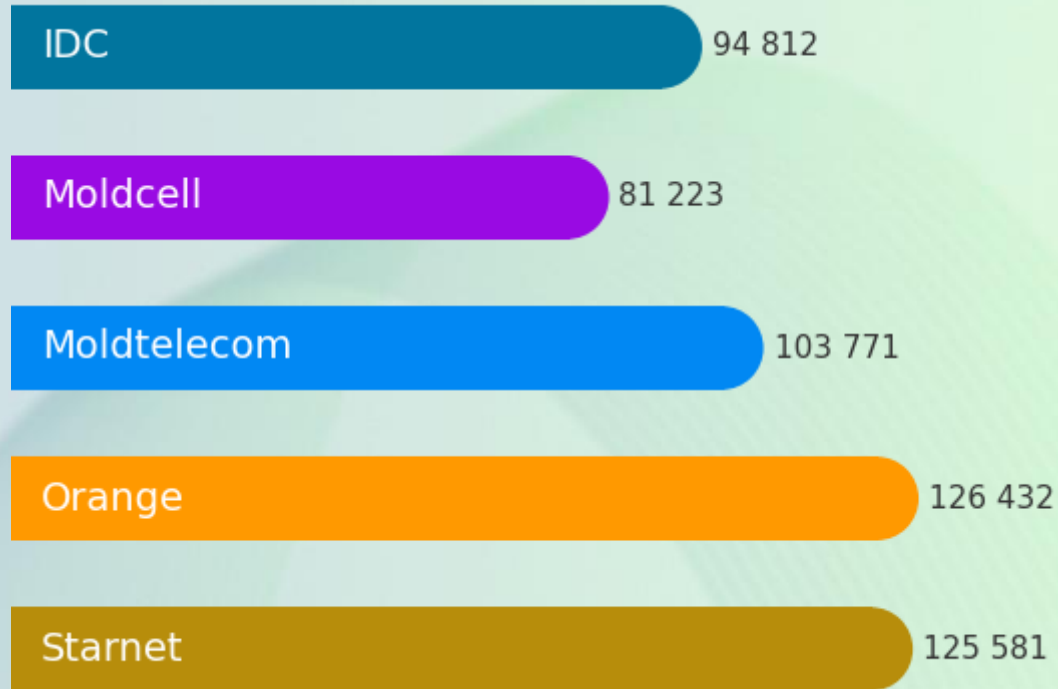
nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

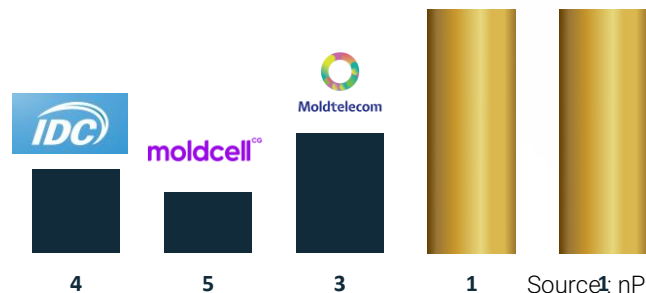
The subscribers of Orange and Starnet enjoyed the best Fixed Internet performances in 2025.

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

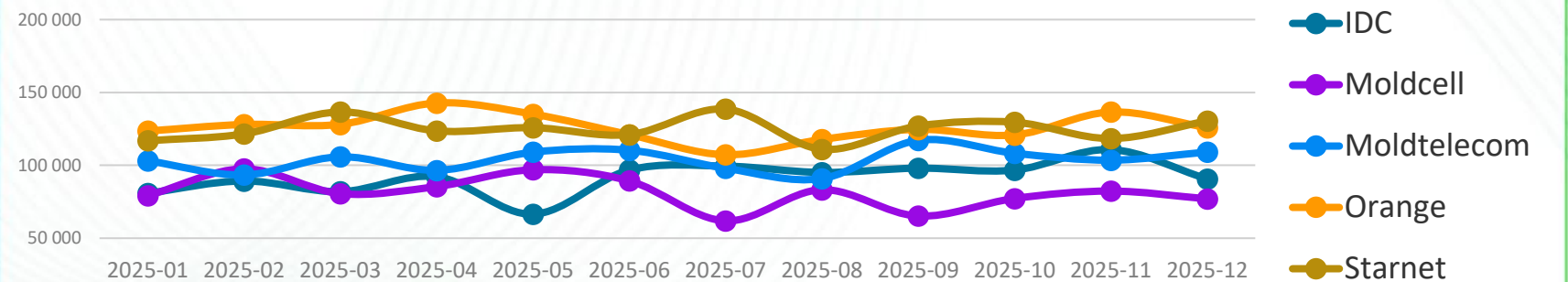


Best Fixed Internet performance in 2025



Source : nPerf.com

nPerf Score evolution over the year (average)



Source : nPerf.com



We qualify your connection