

January 2026



# Barometer of mobile Internet connections in Moldova

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.



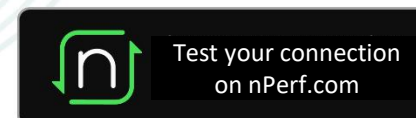
**26Md+** coverage  
scans in total.



**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

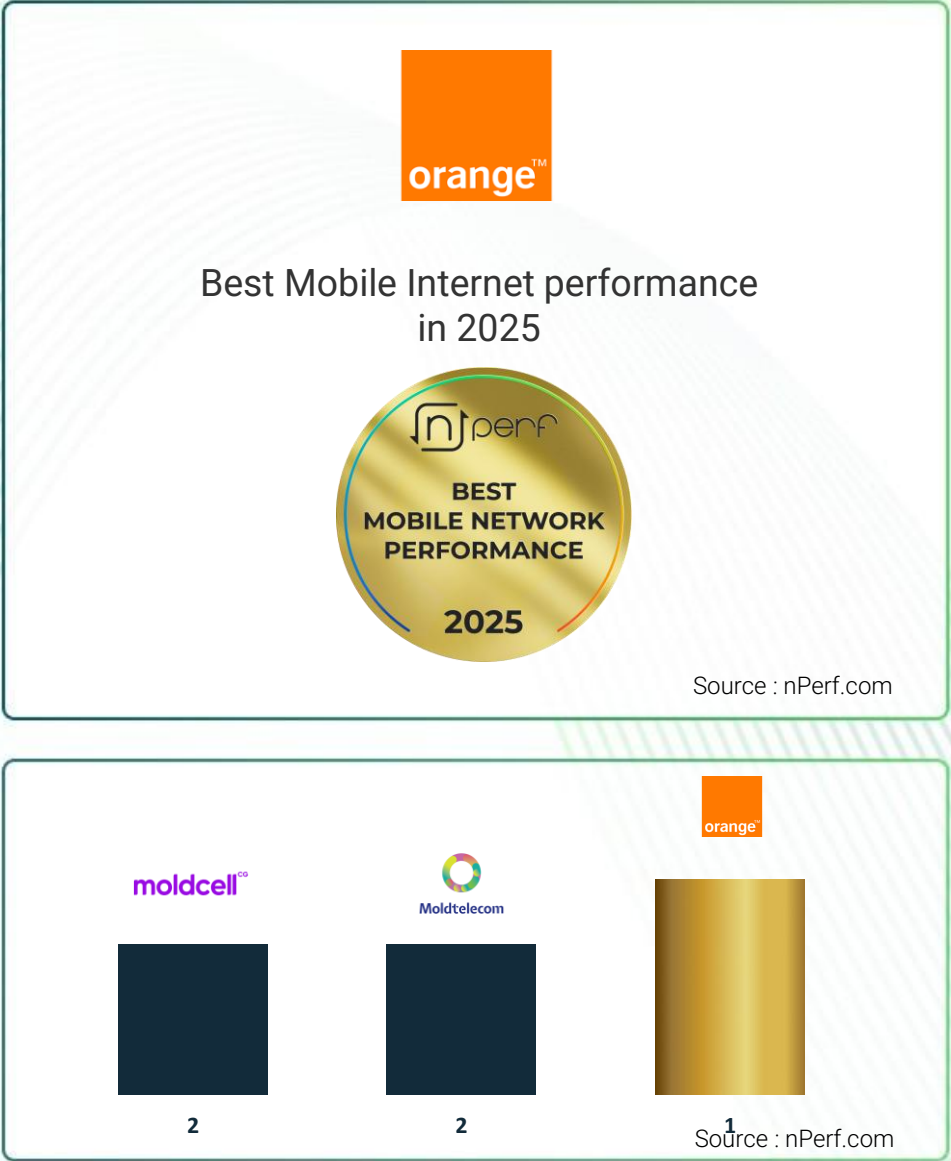


The subscribers of Orange enjoyed the best Mobile Internet performances in 2025 in Moldova.

Mobile Internet performance in Moldova

|                            | Moldcell | Moldtelecom | Orange |
|----------------------------|----------|-------------|--------|
| ▼ Download bitrates (Mb/s) | 64.44    | 58.12       | 88.53  |
| ▲ Upload bitrates (Mb/s)   | 19.49    | 24.10       | 23.66  |
| ◀▶ Latency (ms)            | 25.38    | 25.55       | 26.61  |
| 🌐 Web browsing (%)         | 63.52    | 54.91       | 61.25  |
| 📺 Youtube streaming (%)    | 67.65    | 79.87       | 73.54  |
| nPerf Score (nPoints)      | 77 676   | 79 760      | 83 597 |

Source : nPerf.com



The subscribers of Moldtelecom enjoyed the best 4G Internet in 2025 in Moldova.

#### Mobile Internet performance in Moldova

|                                                                                                            | Moldcell | <u>Moldtelecom</u> | Orange |
|------------------------------------------------------------------------------------------------------------|----------|--------------------|--------|
|  Download bitrates (Mb/s) | 68.05    | 62.95              | 59.30  |
|  Upload bitrates (Mb/s)   | 21.08    | 26.26              | 22.08  |
|  Latency (ms)            | 23.99    | 25.29              | 27.45  |
|  Web browsing (%)       | 65.53    | 57.93              | 61.52  |
|  Youtube streaming (%)  | 68.29    | 80.68              | 73.79  |
|  nPerf Score (nPoints)  | 80 948   | 83 501             | 78 882 |

Source : nPerf.com

The Moldovan mobile Internet sector shows an average score of 80,344 nPoints. Orange leads with 83,597 nPoints and dominates in Download speed and Upload speed. The sector is characterized by tight competition across all metrics, with leadership distributed among three major operators.

#### **Orange: consolidated leadership**

Orange leads the sector with 83,597 nPoints and delivers the highest Download speed at 88.53 Mbps, ideal for HD streaming and fast downloads. The operator shares first place ex-aequo with Moldtelecom for Upload speed (23.66 Mbps), ensuring quality video conferencing and efficient content sharing. With the top score overall, Orange provides a well-balanced user experience across key performance indicators.

#### **Moldtelecom: optimal streaming capabilities**

Moldtelecom ranks second with 79,760 nPoints and records strong growth of 13.1%. The operator dominates Video streaming with 79.87%, guaranteeing smooth video playback. Moldtelecom shares first place ex-aequo for Upload speed (24.10 Mbps) and achieves second place in Latency (25.55 ms).

#### **Moldcell: superior responsiveness**

Moldcell ranks third with 77,676 nPoints and achieves the best Latency in the sector (25.38 ms), ideal for online gaming and real-time communications. The operator leads in Browsing with 63.52%, ensuring fast web page loading. Moldcell also secures second place for Download speed with 64.44 Mbps.

The Moldovan sector demonstrates strong competition with each operator excelling in specific areas. Moldtelecom's significant growth highlights increasing network quality investments. Users benefit from high-quality services, particularly for video streaming, content sharing, and responsive browsing experiences.

## 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

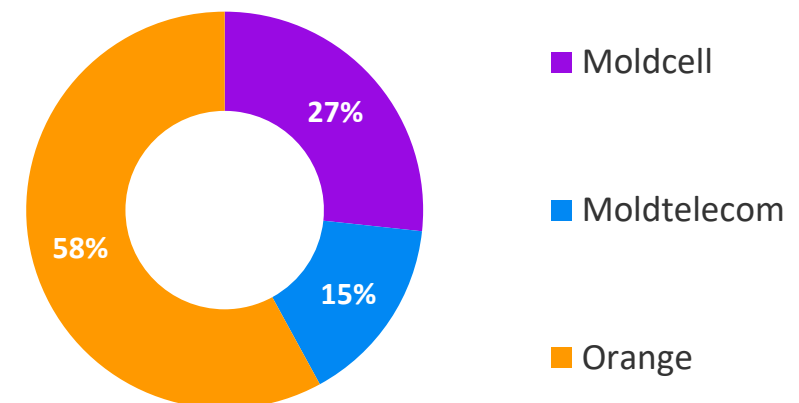
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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)



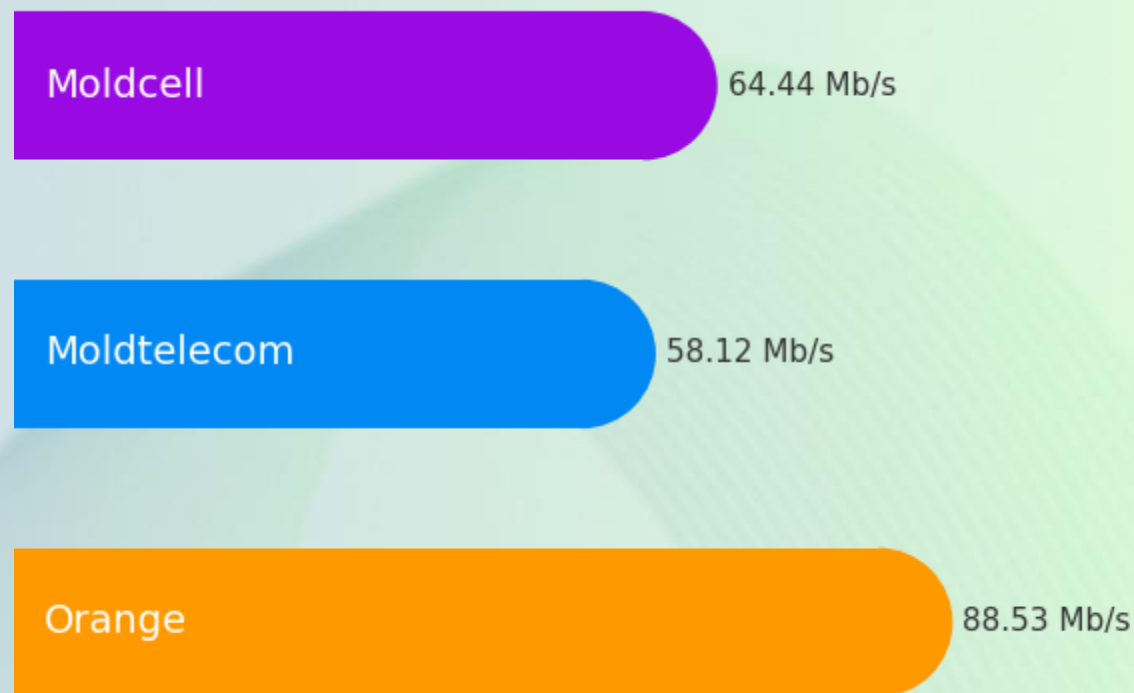
Source : nPerf.com



## Download Speed



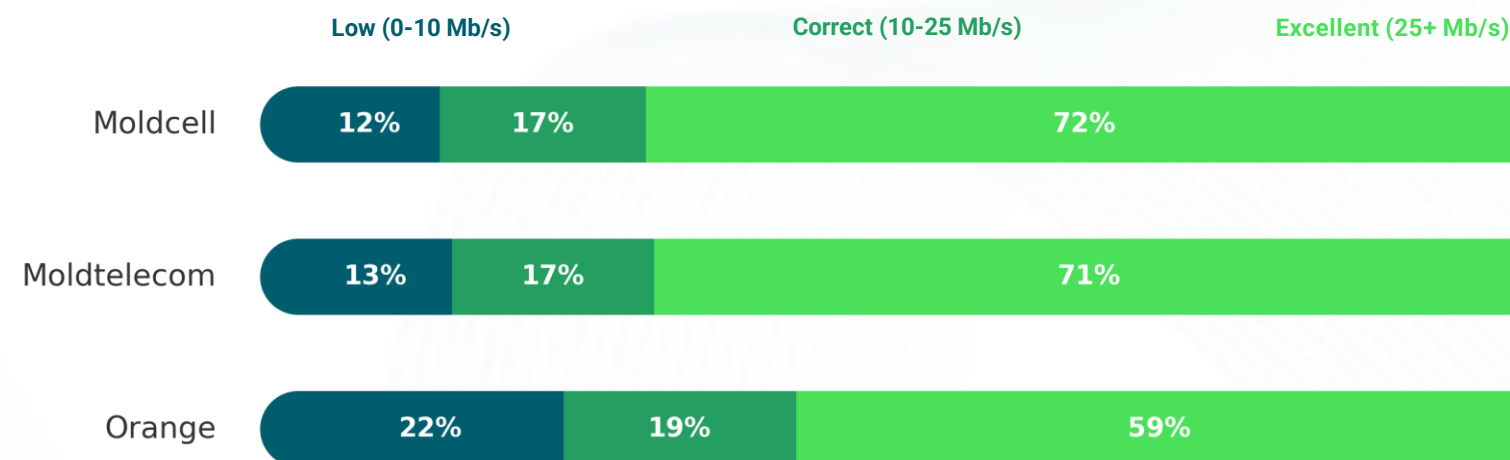
### Download Speed (average)



Source : nPerf.com

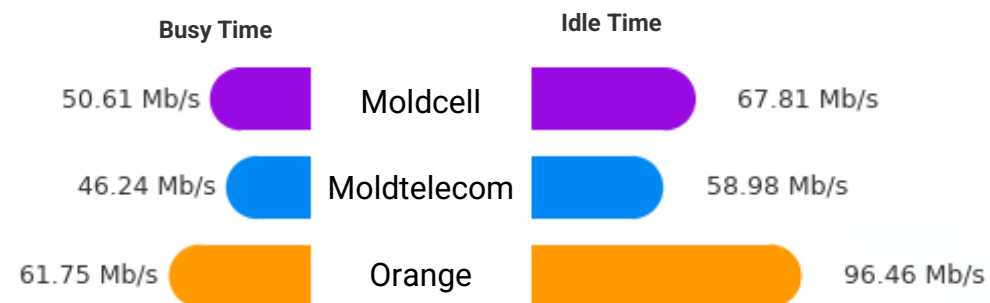
The subscribers of Orange enjoyed the best Mobile Internet Download Speed in 2025.

### Download Speed results ventilation (average)



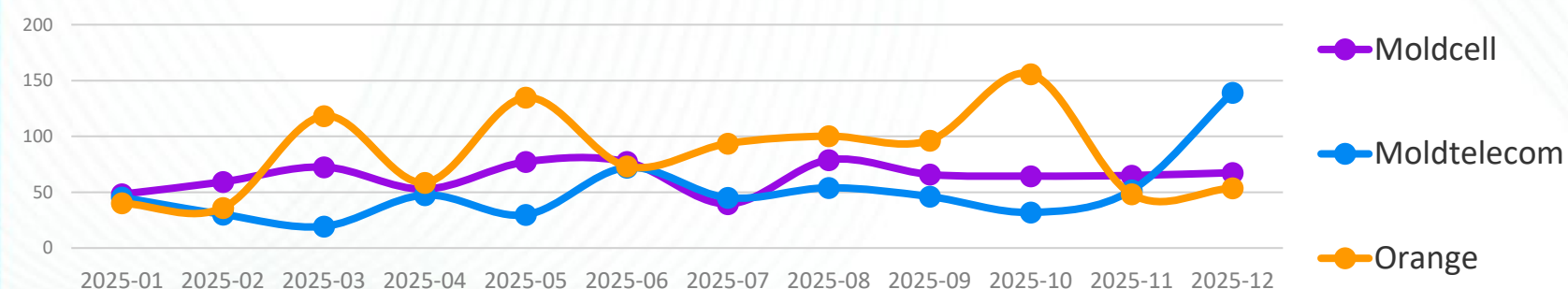
Source : nPerf.com

### Download Speed (average)



Source : nPerf.com

### Download Speed evolution over the year (average)



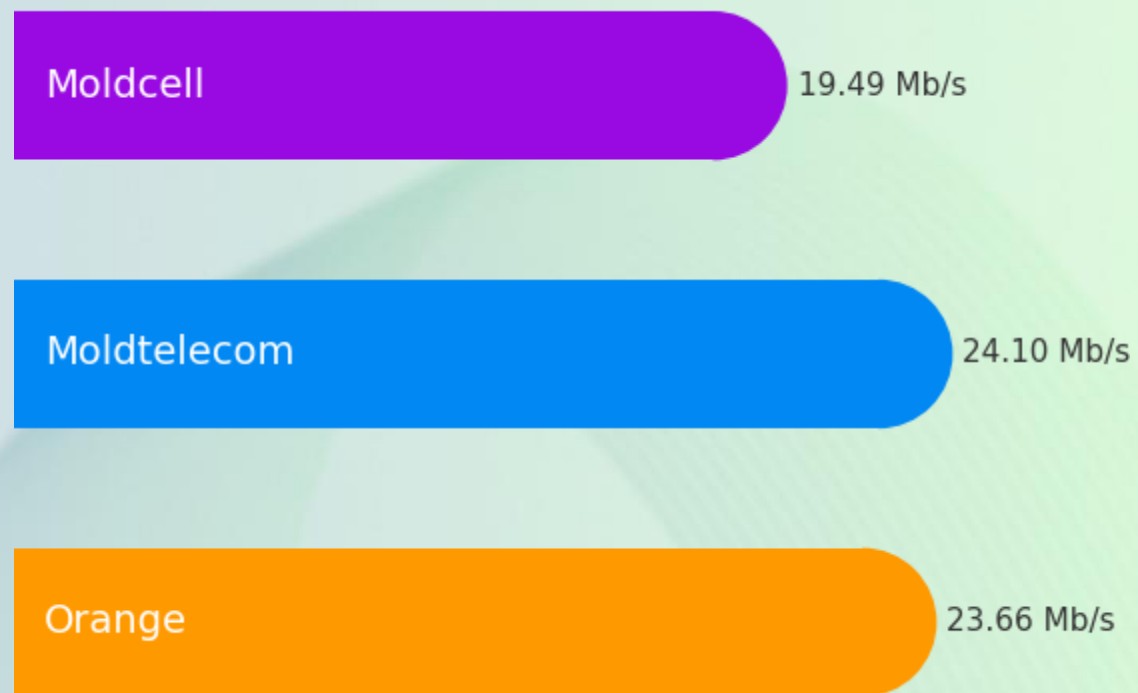
Source : nPerf.com



## Upload Speed



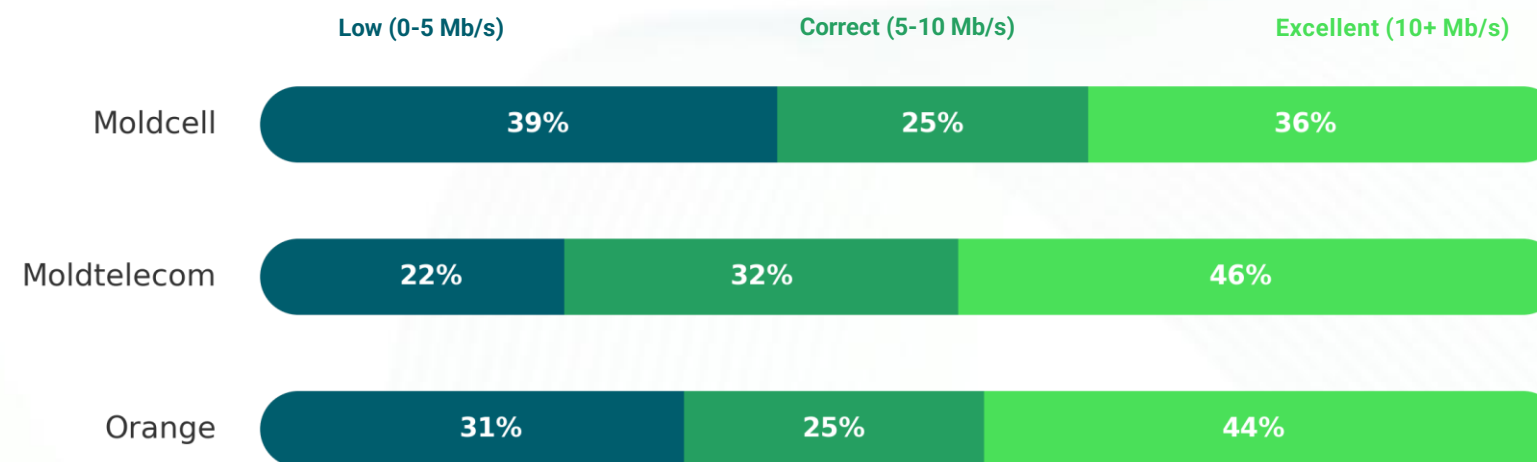
### Upload Speed (average)



Source : nPerf.com

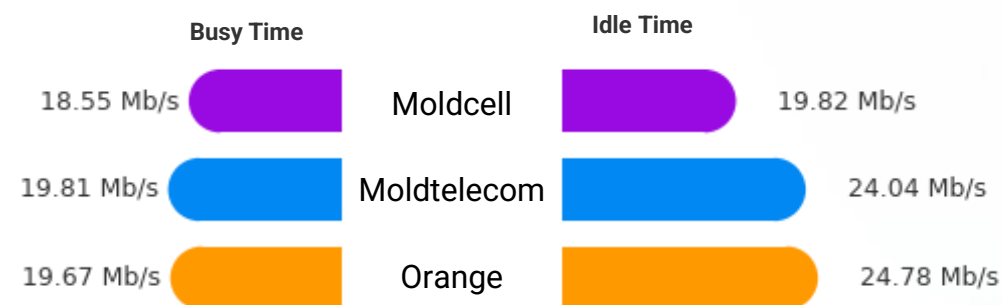
The subscribers of Moldtelecom and Orange enjoyed the best Mobile Internet Upload Speed in 2025.

### Upload Speed results ventilation (average)



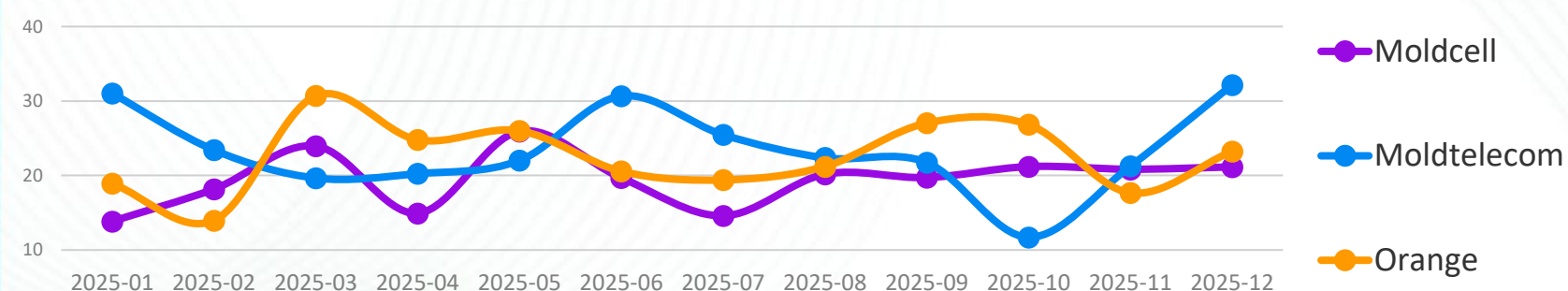
Source : nPerf.com

### Upload Speed (average)



Source : nPerf.com

### Upload Speed evolution over the year (average)



Source : nPerf.com



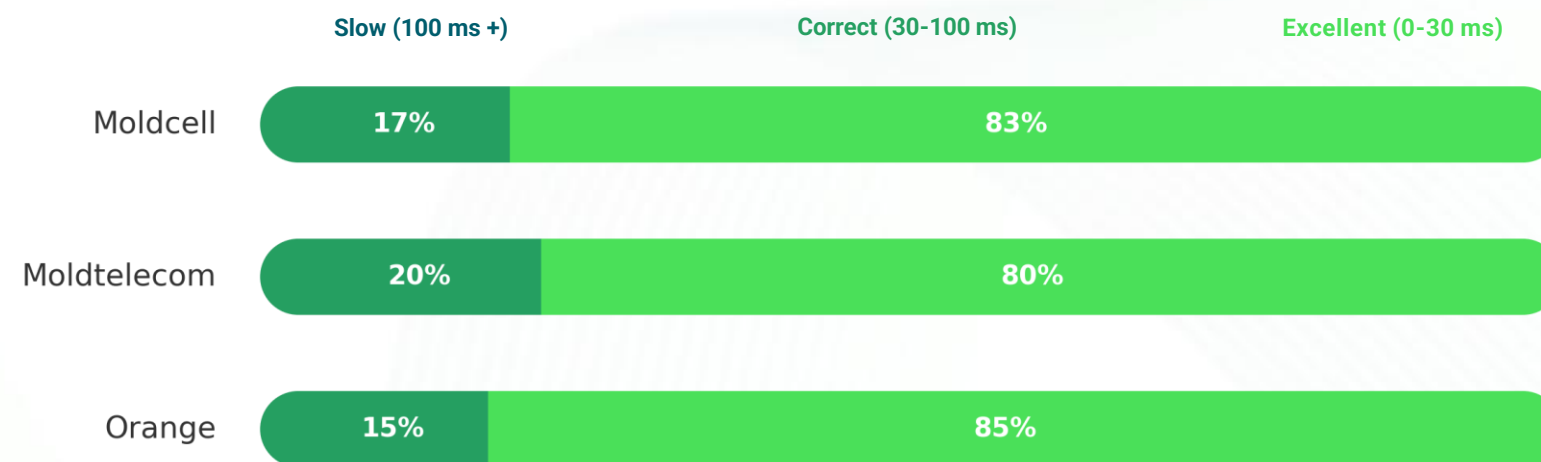
## Latency (average)



Source : nPerf.com

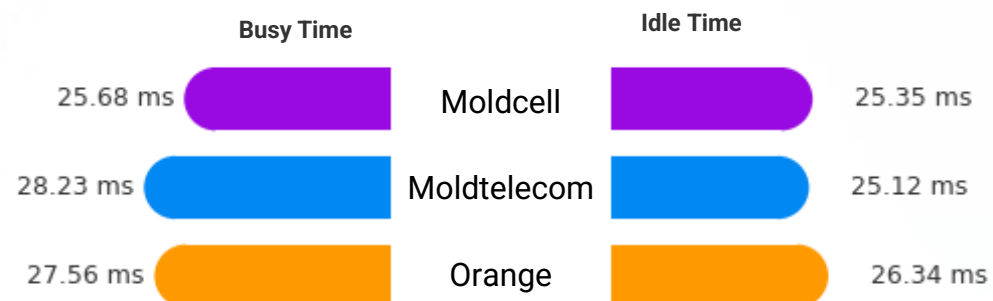
The subscribers of Moldcell and Moldtelecom enjoyed the best Mobile Internet Latency in 2025.

## Latency results ventilation (average)



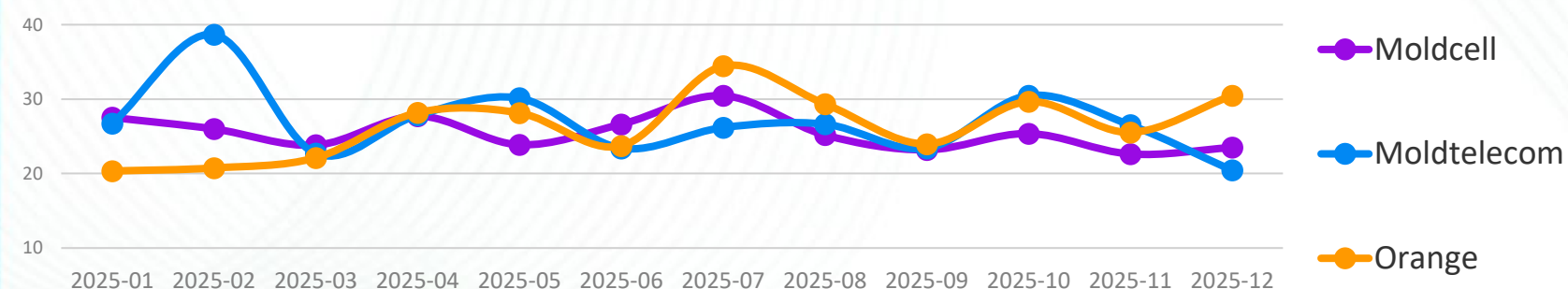
Source : nPerf.com

## Latency (average)



Source : nPerf.com

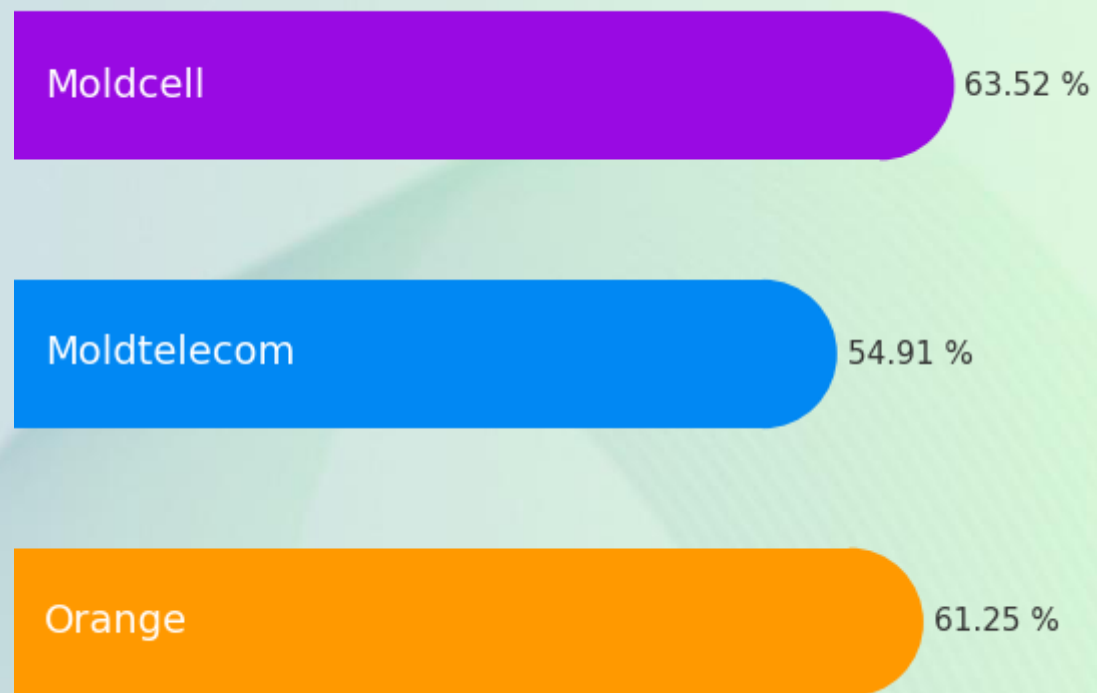
## Latency evolution over the year (average)



Source : nPerf.com



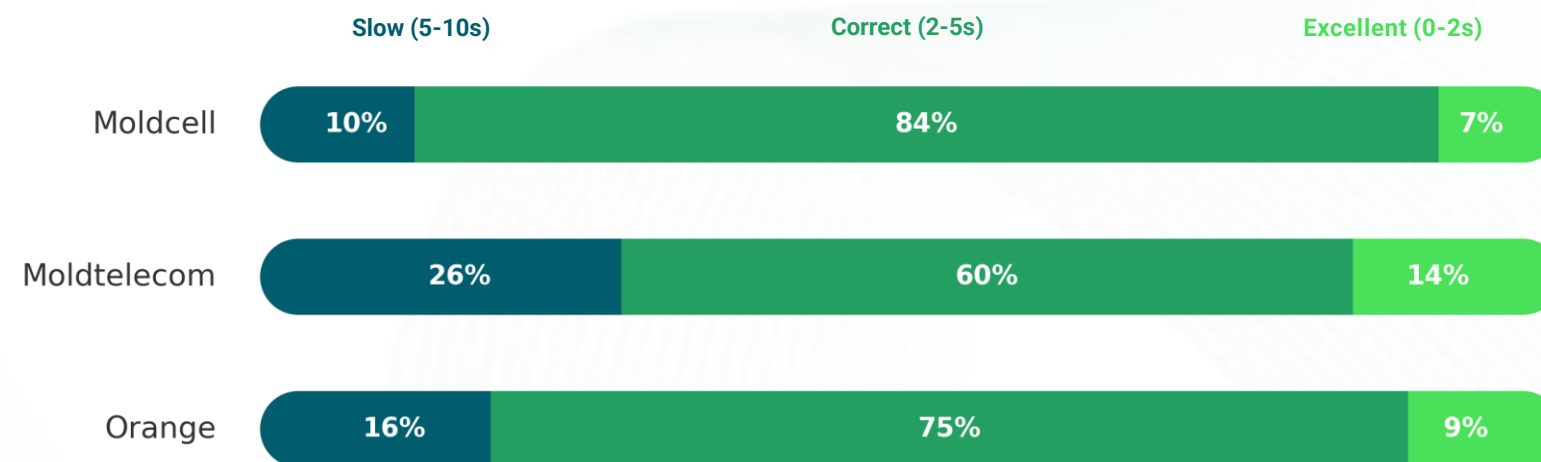
## Browsing Performance (average)



Source : nPerf.com

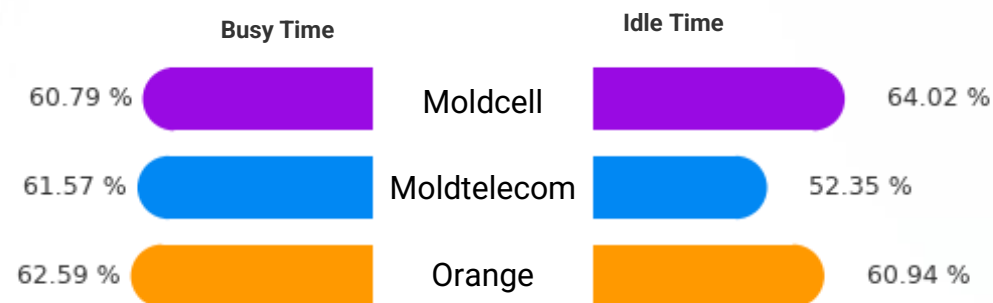
The subscribers of Moldcell enjoyed the best Mobile Internet Browsing Performance in 2025.

## Browsing Performance results ventilation (average)



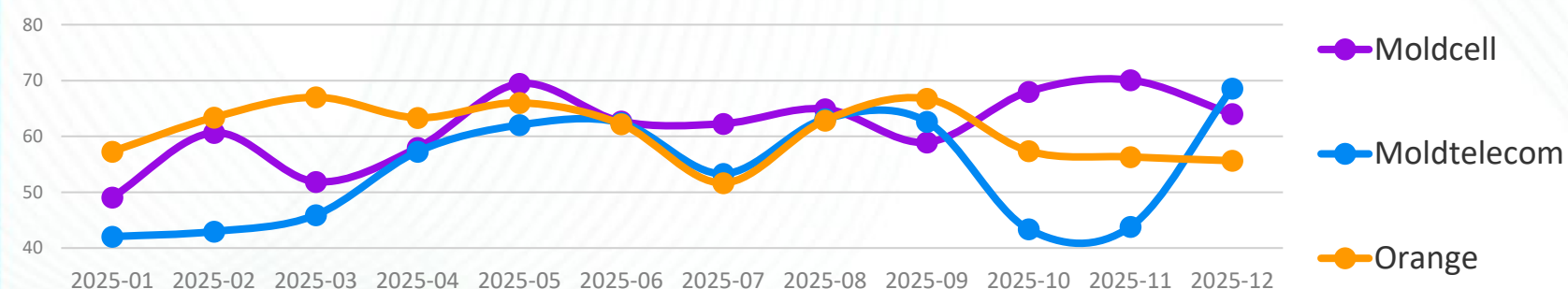
Source : nPerf.com

## Browsing Performance (average)



Source : nPerf.com

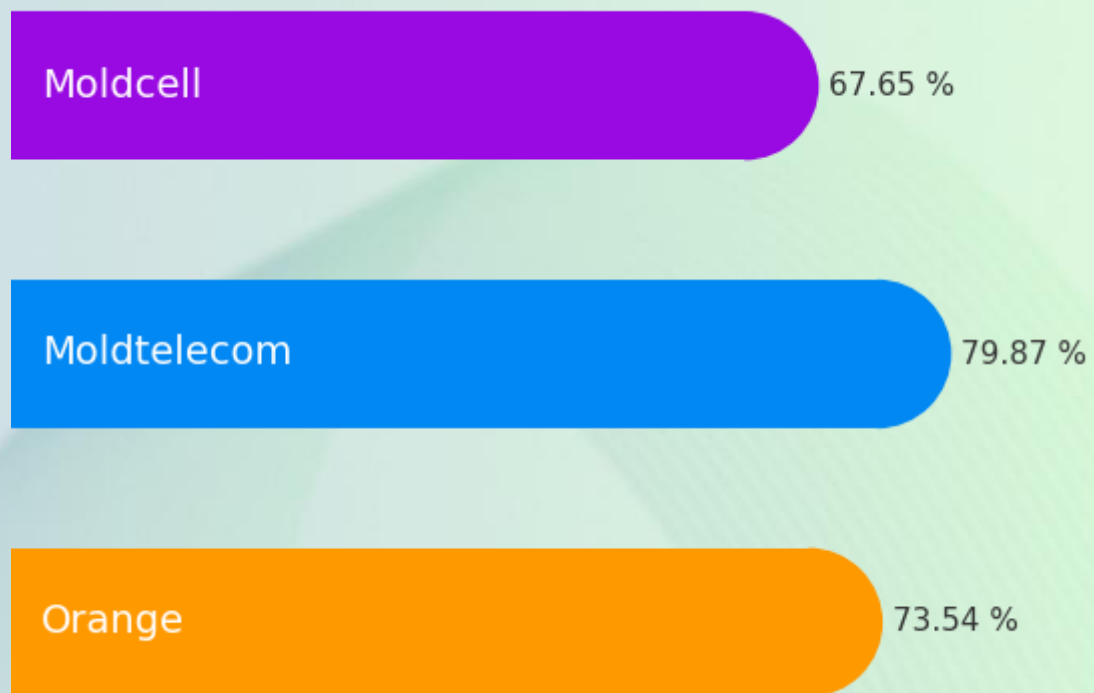
## Browsing Performance evolution over the year (average)



Source : nPerf.com



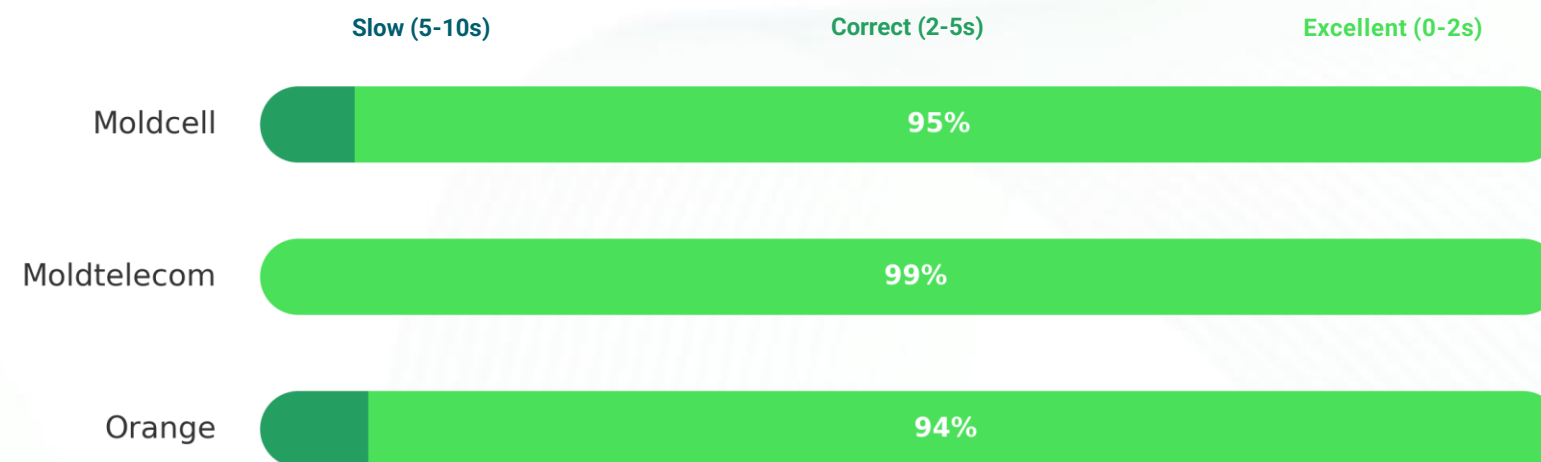
## Streaming Performance (average)



Source : nPerf.com

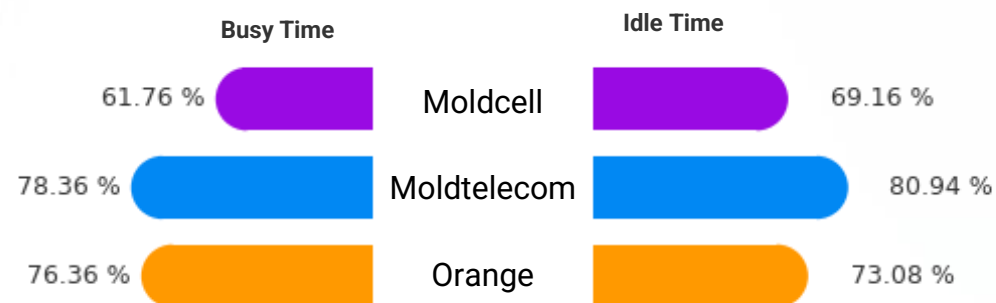
The subscribers of Moldtelecom enjoyed the best Mobile Internet Streaming Performance in 2025.

## Streaming Performance results ventilation (average)



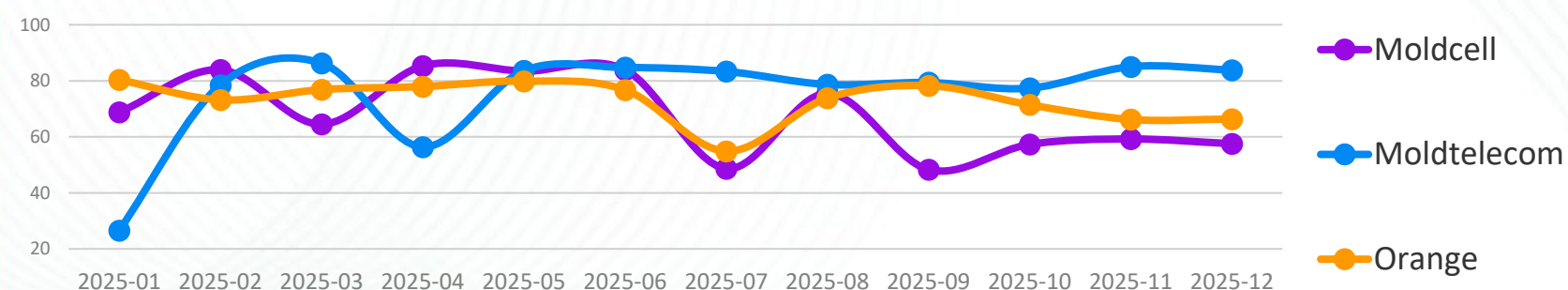
Source : nPerf.com

## Streaming Performance (average)



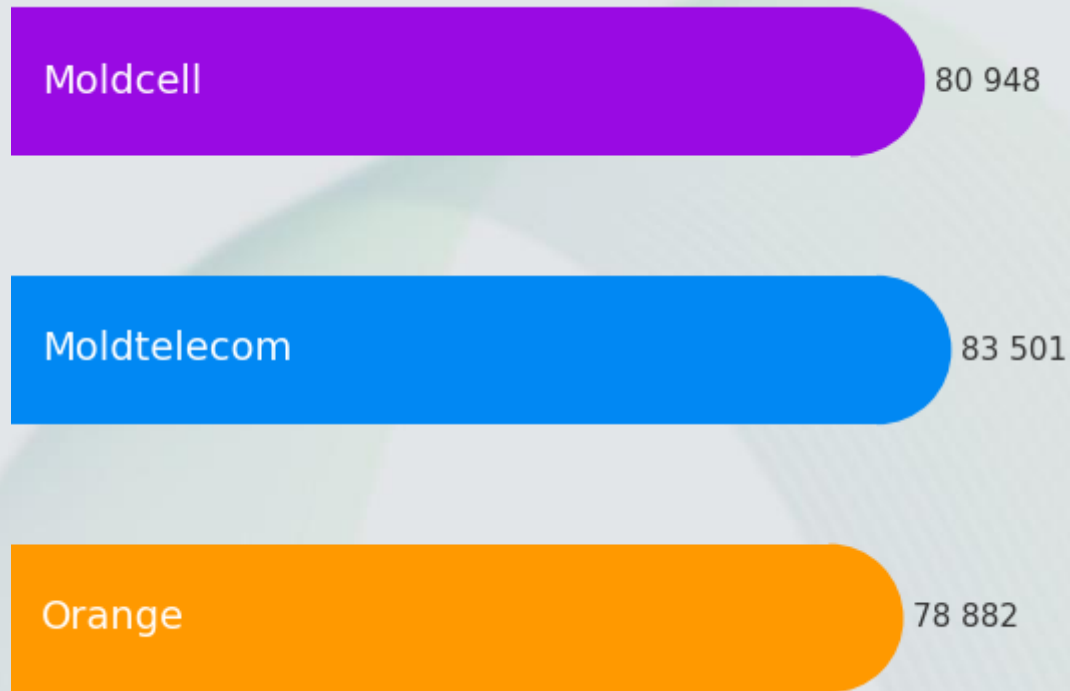
Source : nPerf.com

## Streaming Performance evolution over the year (average)



Source : nPerf.com

## nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Moldtelecom enjoyed the best 4G Internet in 2025.

Best performances 4G: Moldtelecom

Fastest performances (Download Speed) 4G: Moldcell

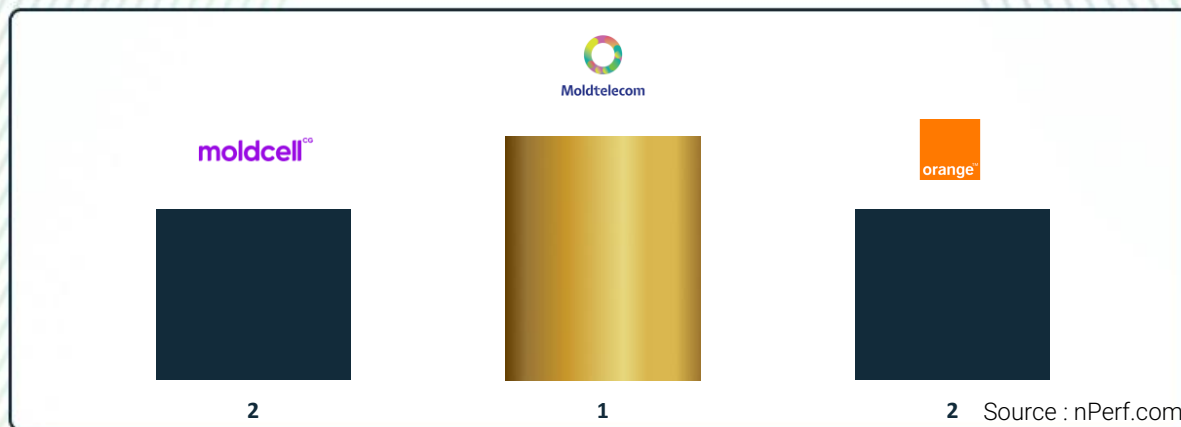
Fastest performances (Upload Speed) 4G: Moldtelecom

4G connections with the lowest latency: Moldcell

Best web browsing performances 4G: Moldcell

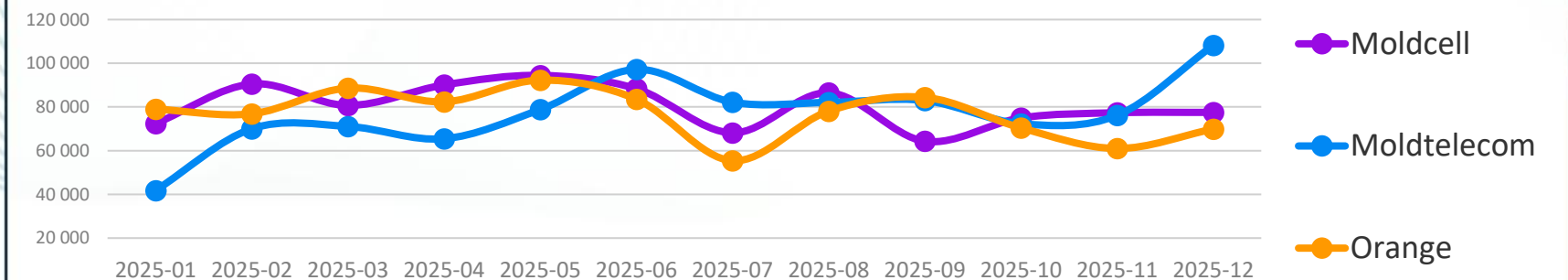
Best streaming performances 4G: Moldtelecom

Source : nPerf.com



Source : nPerf.com

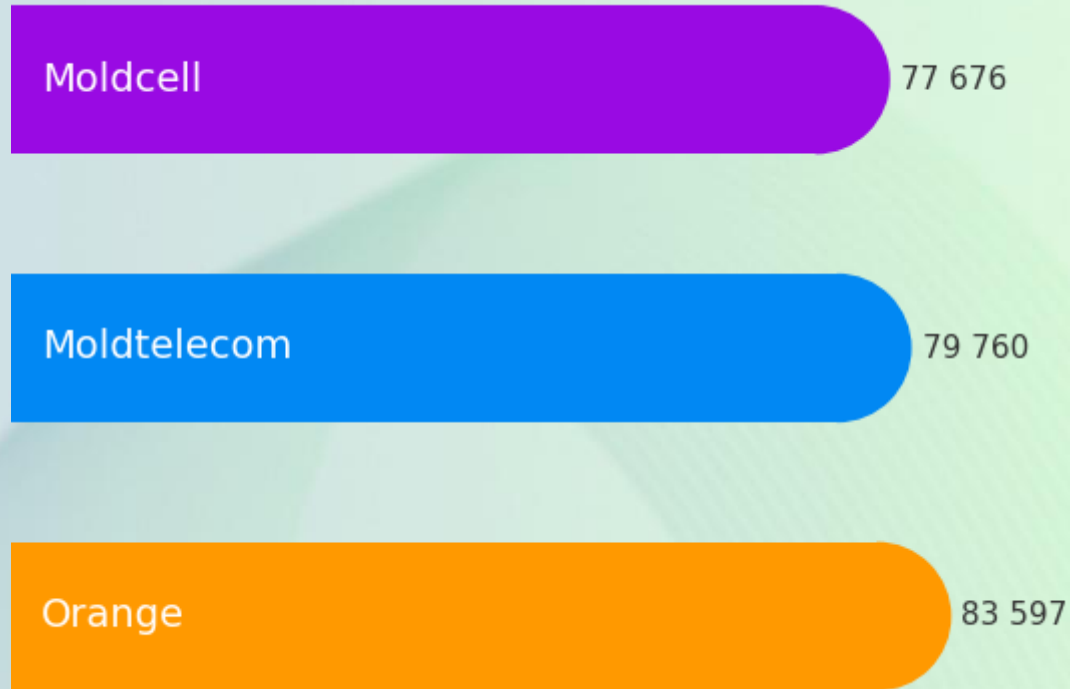
## 4G evolution over the year (average)



Source : nPerf.com



## nPerf QoE nPerf Score (nPoints)

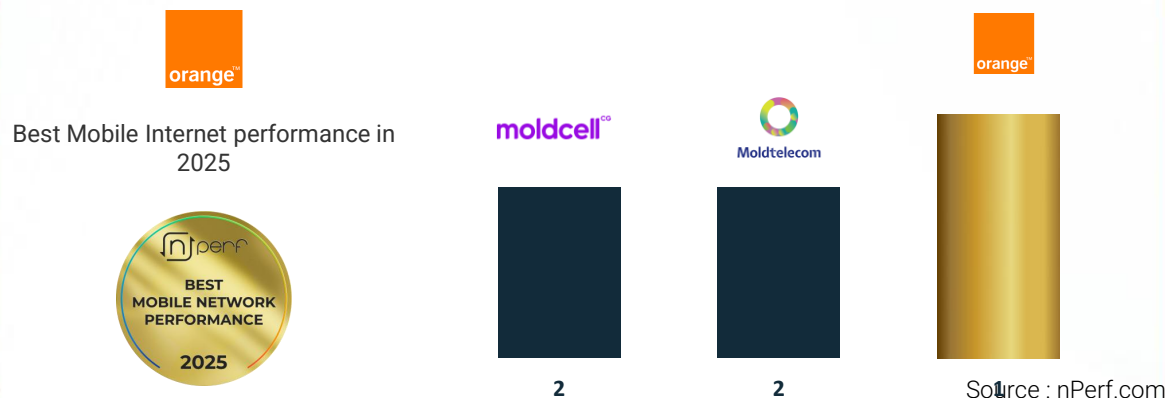


Source : nPerf.com

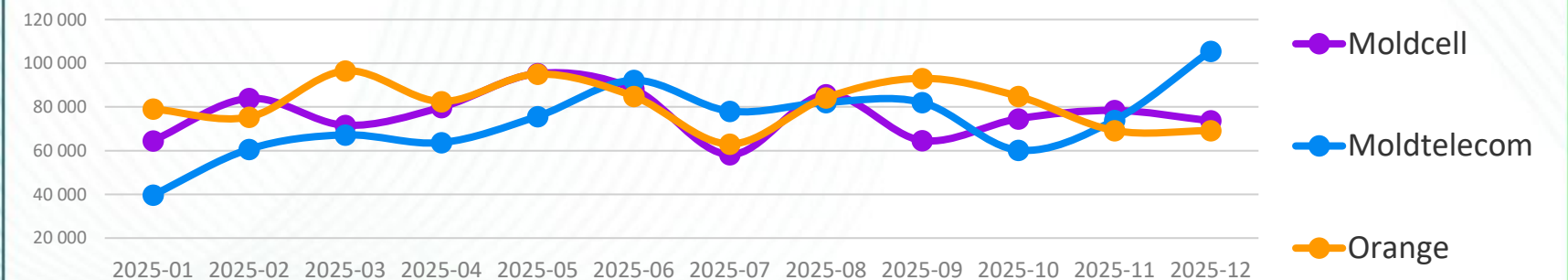
The subscribers of Orange enjoyed the best Mobile Internet performances in 2025.

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



## nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

