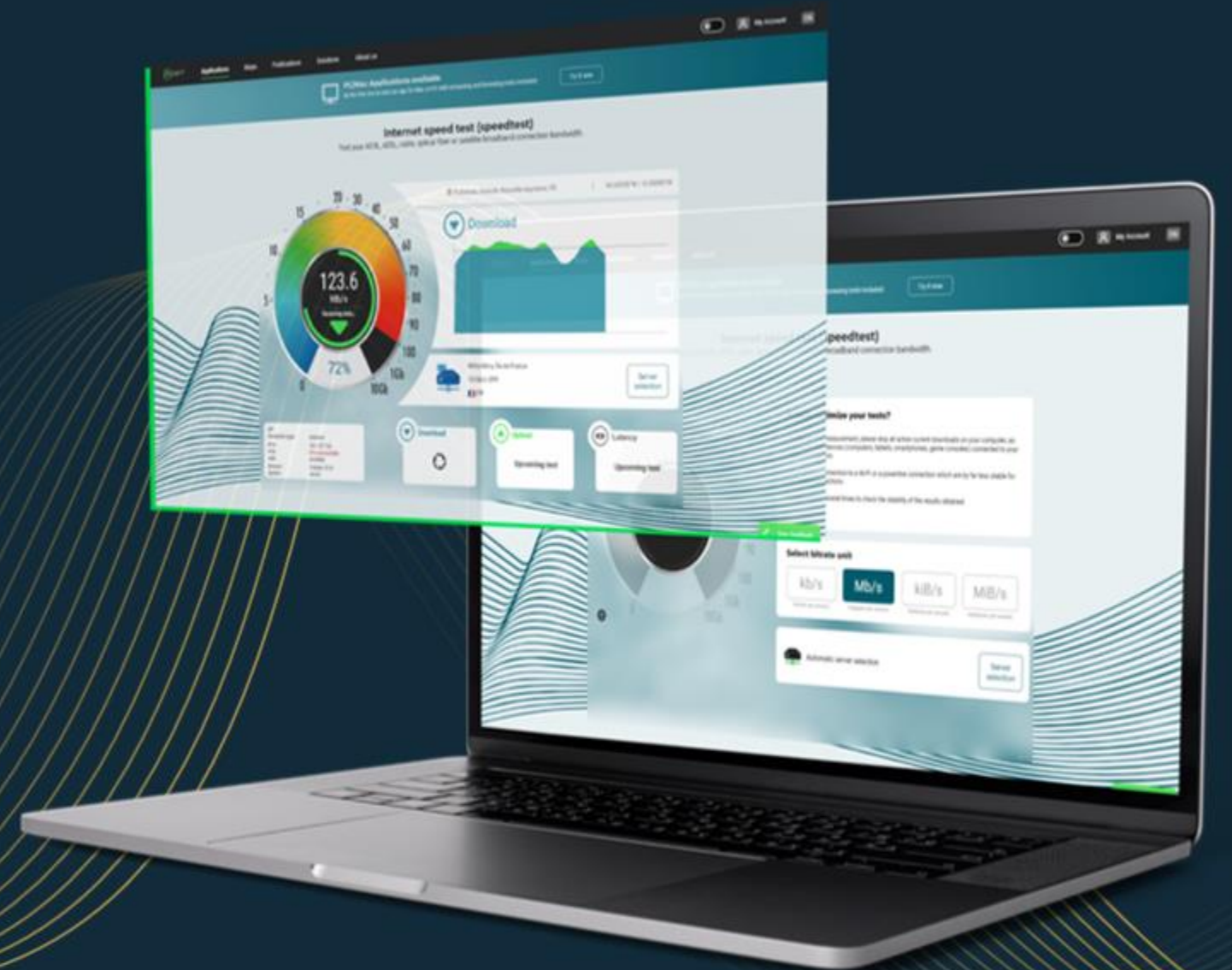
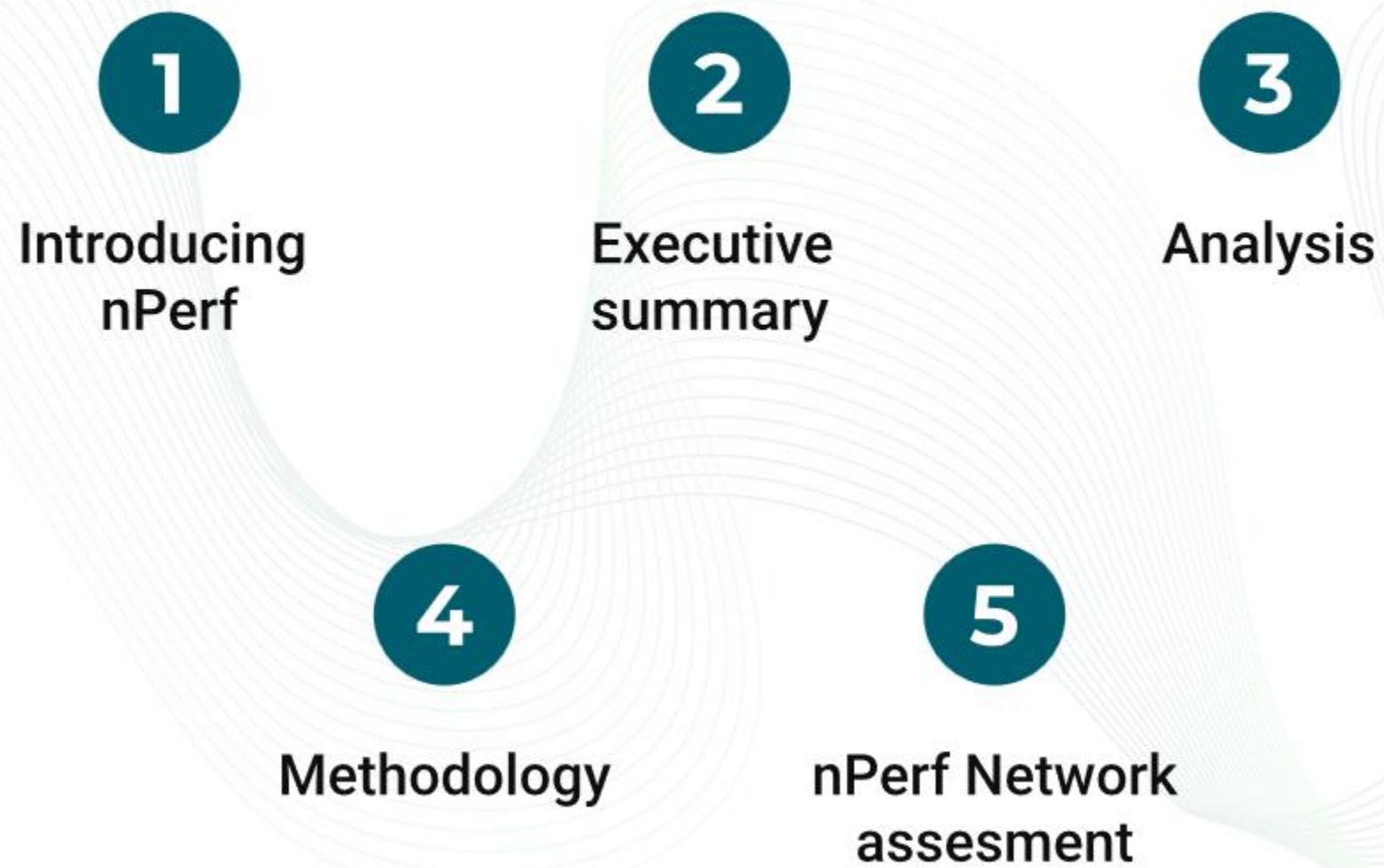


01/17/2024

# Barometer of fixed Internet connections in Slovakia

01/01/2024 - 12/31/2024







## 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.

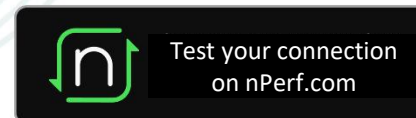
 **300k+** tests daily worldwide.

 **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 ANTIK Telecom enjoyed the best fixed Internet performances in 2024.

### Fixed Internet connections in Slovakia

	4ka	<b>ANTIK Telecom</b>	O2	Orange	Slovanet Telekom	UPC
▼ Download bitrates (Mb/s)	96,13	<b>179,34</b>	82,51	151,22	71,25	143,08
▲ Upload bitrates (Mb/s)	45,46	<b>185,36</b>	25,74	63,64	23,23	61,02
◀▶ Latency (ms)	21,94	<b>11,51</b>	38,07	23,05	24,75	26,76
🌐 Web browsing (%)	80,10	<b>83,54</b>	78,21	80,38	78,61	81,35
🎥 Youtube streaming (%)	88,26	<b>89,94</b>	85,99	83,65	85,52	87,95

nPerf Score (nPoints)    112 924 **142 817** 95 876 117 276 100 021 117 607 121 216

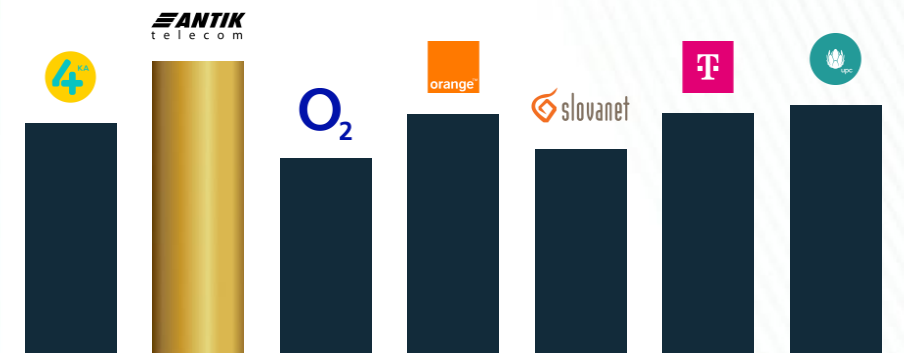
Source : nperf.com



Best fixed Internet performance in 2024



Source : nperf.com



Source : nperf.com

The subscribers of ANTIK Telecom enjoyed the best FTTH Internet performances in Slovakia in 2024.

FTTH Fixed Internet connections in Slovakia


	4ka	<b>ANTIK Telecom</b>	O2	Orange	Slovanet	Telekom	UPC
▼ Download bitrates (Mb/s)	327,33	<b>402,74</b>	378,19	430,39	337,56	<b>455,43</b>	349,88
▲ Upload bitrates (Mb/s)	224,78	<b>429,77</b>	188,45	180,34	179,30	208,29	145,89
◀▶ Latency (ms)	12,38	<b>8,91</b>	15,93	13,29	16,81	15,46	11,05
🌐 Web browsing (%)	86,43	<b>87,30</b>	84,27	<b>87,43</b>	78,91	87,18	82,96
📺 Youtube streaming (%)	90,65	94,08	<b>95,24</b>	90,10	92,97	93,19	90,90
nPerf Score (nPoints)	154 789	<b>168 900</b>	154 681	156 721	145 529	159 180	150 999

Source : nperf.com



The subscribers of ANTIK Telecom enjoyed the best WIFI Internet performances in Slovakia in 2024.

#### Fixed Internet connections in Slovakia

	4ka	<b>ANTIK Telecom</b>	O2	Orange	Slovanet	Telekom	UPC
▼ Download bitrates (Mb/s)	70,84	<b>124,95</b>	73,92	116,08	57,70	115,36	<b>154,70</b>
▲ Upload bitrates (Mb/s)	34,75	<b>131,51</b>	23,43	54,89	19,02	53,32	23,85
◀▶ Latency (ms)	22,82	<b>14,10</b>	39,20	24,98	26,24	27,97	21,42
🌐 Web browsing (%)	80,14	<b>83,63</b>	78,25	80,50	78,82	81,41	79,44
📺 Youtube streaming (%)	88,36	<b>89,98</b>	85,98	83,80	85,82	88,10	87,82
 nPerf Score (nPoints)	106 574	<b>133 527</b>	93 439	111 836	95 381	113 250	114 581

Source : nperf.com

### Introduction

In 2024, the market for fixed-line internet in Slovakia has seen significant developments. ANTIK Telecom continues to hold the title of market leader, maintaining its position from the previous year. However, there are new leaders in specific categories. The overall market performance, referred to as the nPerf Score, has evolved, reflecting the competitive landscape. ANTIK Telecom remains the global market winner for 2024. In the KPI categories, UPC has emerged as the leader in Download speed, while ANTIK Telecom leads in Upload speed and Latency. The focus areas for the technology are WiFi and FTTH, with ANTIK Telecom dominating these segments. Positive trends in the market highlight the strengths in browsing and video streaming capabilities.

#### **ANTIK Telecom: Market leader with exceptional performance**

For the period analyzed, ANTIK Telecom stands out as the market leader with a consistent score. The operator excels in Upload speed and Latency, showcasing remarkable performance. In the focus areas, ANTIK Telecom is the undisputed leader in both WiFi and FTTH, reinforcing its pioneering position.

#### **UPC: Excellence in Download speed**

UPC has demonstrated excellence with the highest Download speed performance for the period. Although not a market leader, UPC's contribution in this category is significant, enhancing the overall market competitiveness.

#### **O2: Excellence in Score Improvement**

O2 has shown notable improvement with a score increase of over 21%, highlighting its upward trajectory in the market. While not leading in specific KPIs, this improvement signifies a positive trend.

#### **Orange : Goog in download speed**

Orange excels in download speed with 151,22 Mbps, this note make Orange a good concurrent in the market.

#### **Telekom: Solid in browsing**

Telekom excels in browsing with 81,35 %, this note make Telekom a good concurrent in this segment.

#### **4Ka: Solid in Streaming**

4Ka excels in streaming with 88,26 %, this note make this operator a good concurrent in this segment.

#### **Slovanet: Resist in browsing**

Slovanet have a good note in browsing with 78,61 %, this note make this operator a good concurrent in this segment.

### Conclusion

ANTIK Telecom remains the market leader in Slovakia, with strong performances in Upload speed, Latency, and focus areas such as WiFi and FTTH. UPC has achieved notable success in Download speed, and O2 shows significant score improvement. The market is characterized by robust competitiveness and strengths in browsing and video streaming, promising a positive outlook for the future.

## 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

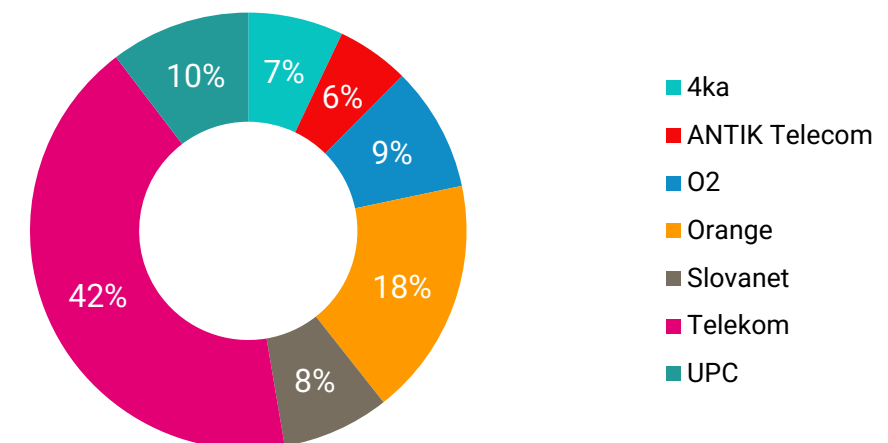
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 2% 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)

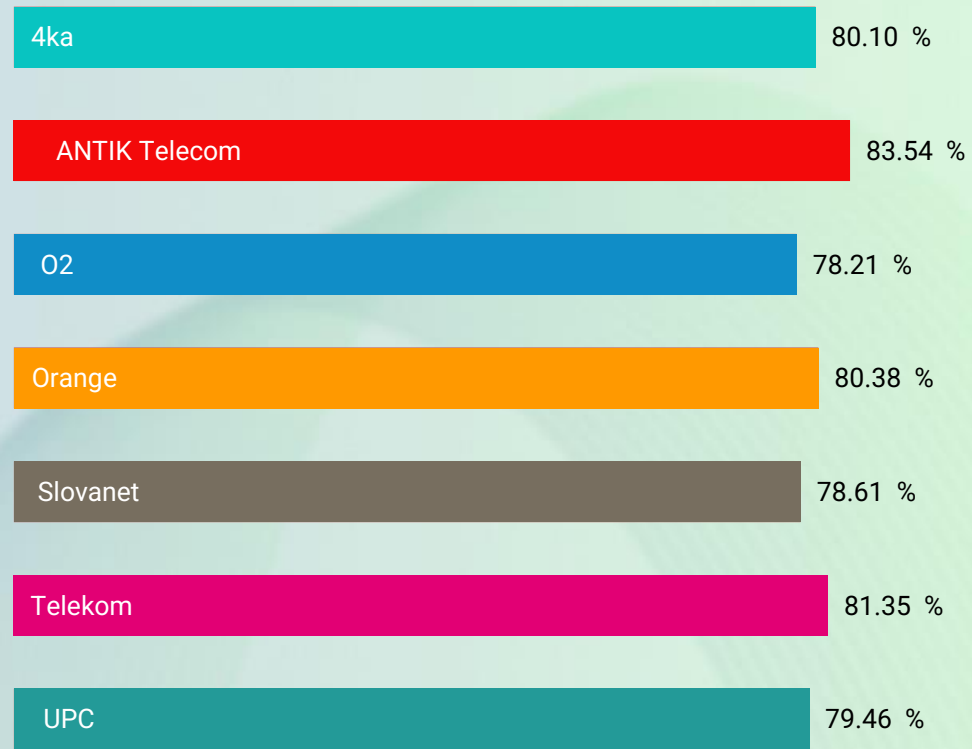


Source: nperf.com





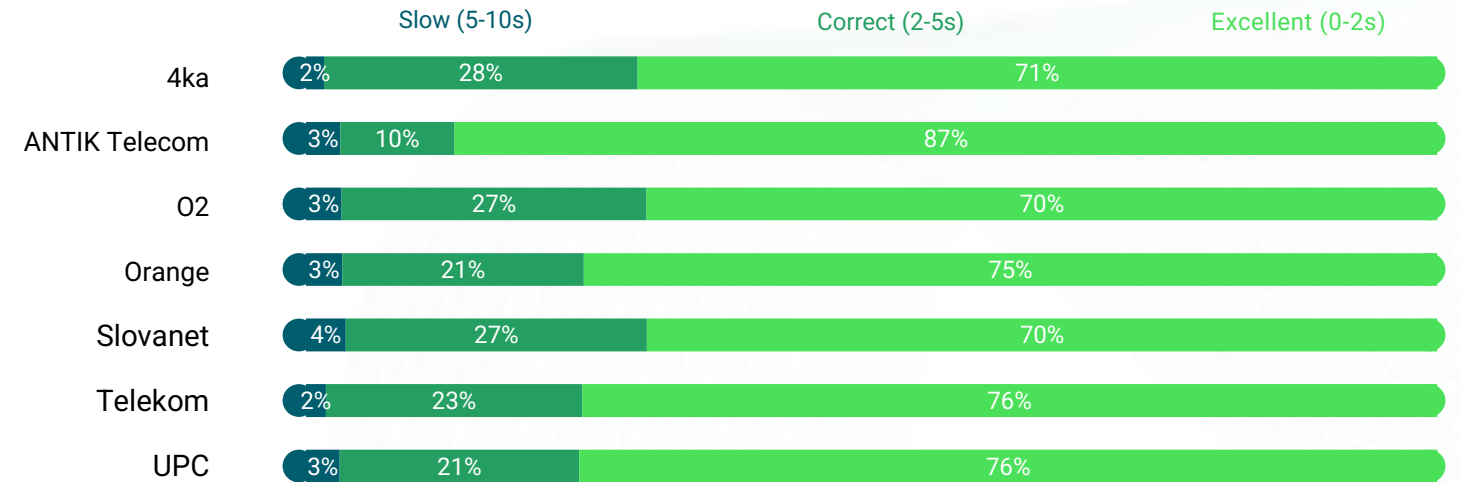
## Browsing Performance rate (average)



Source : nperf.com

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

## Browsing Performance results ventilation (average)



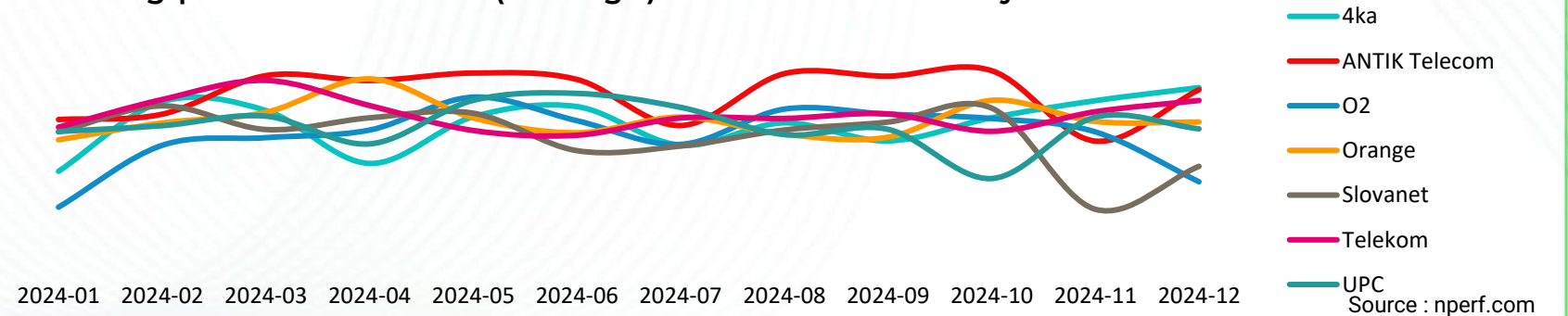
Source : nperf.com

## Browsing Performance rate (average)



Source : nperf.com

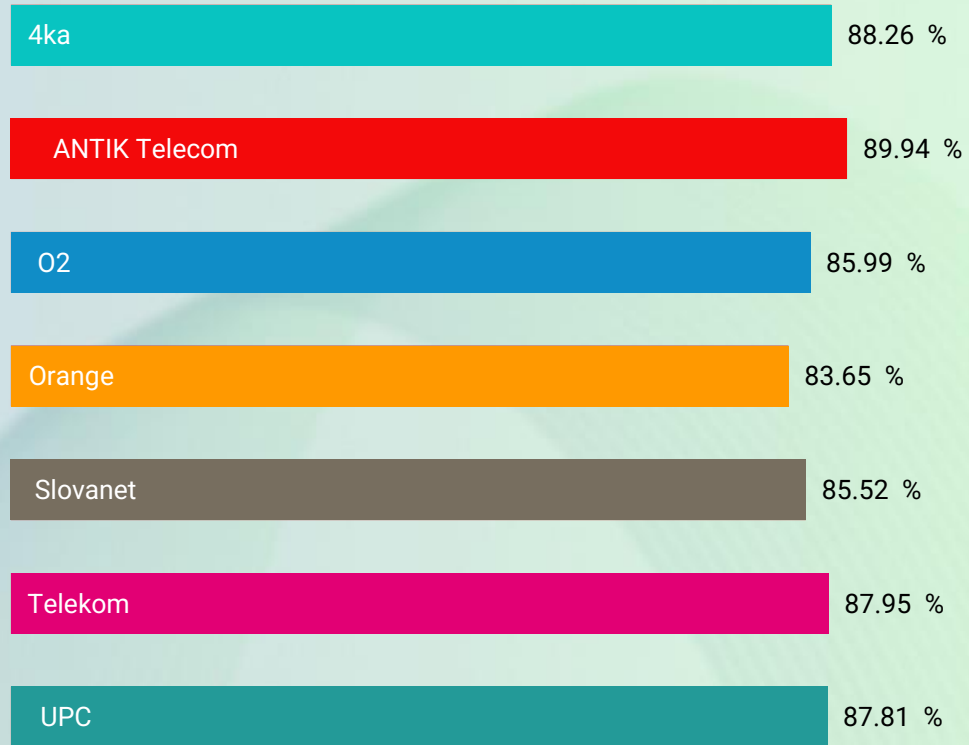
## Browsing performance rate (average) evolution over the year



Source : nperf.com



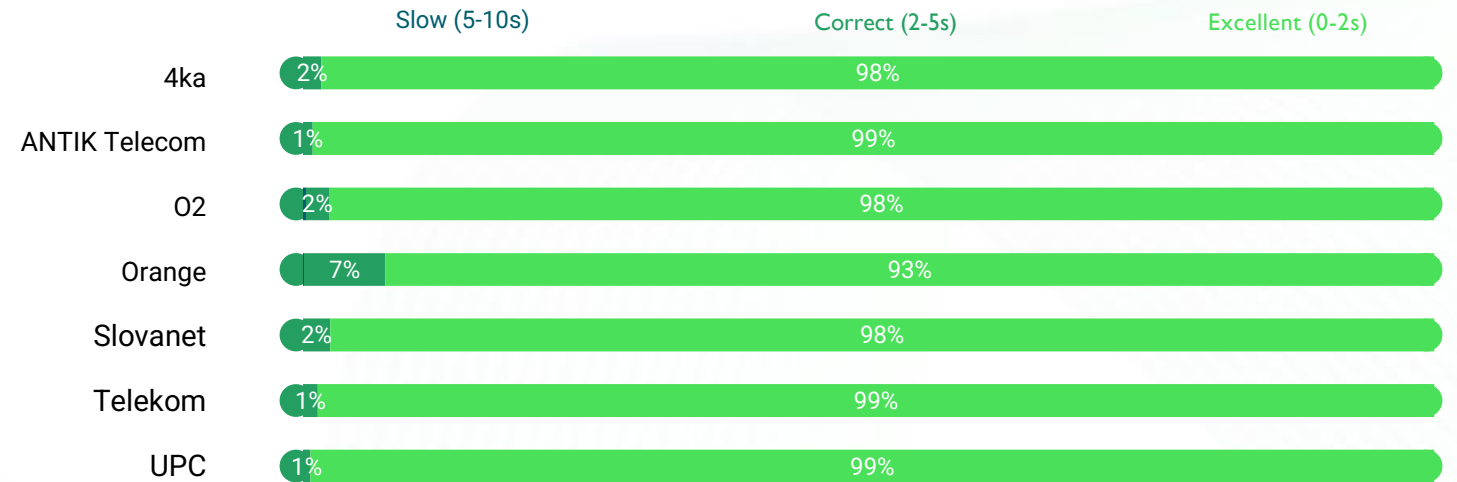
## Streaming Performance rate (average)



Source : nperf.com

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

## Streaming Performance results ventilation (average)



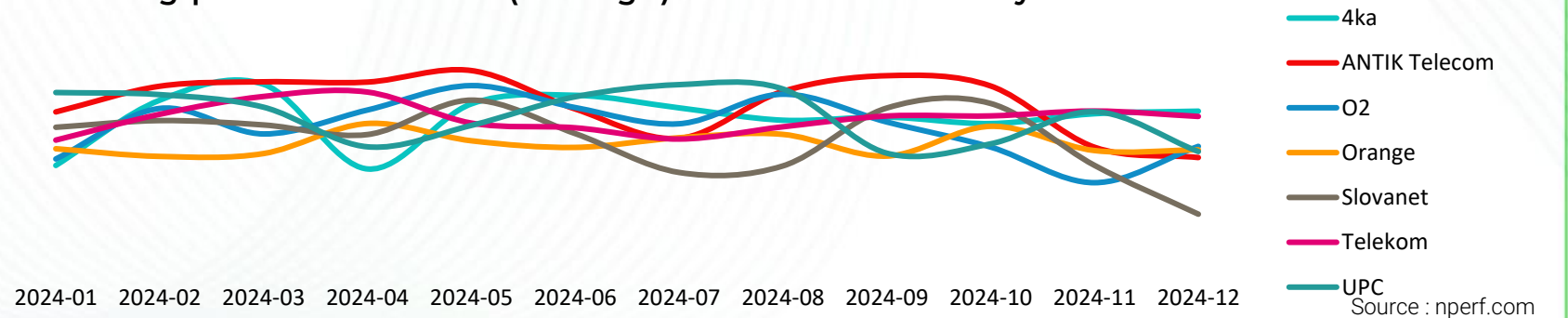
Source : nperf.com

## Streaming Performance rate (average)



Source : nperf.com

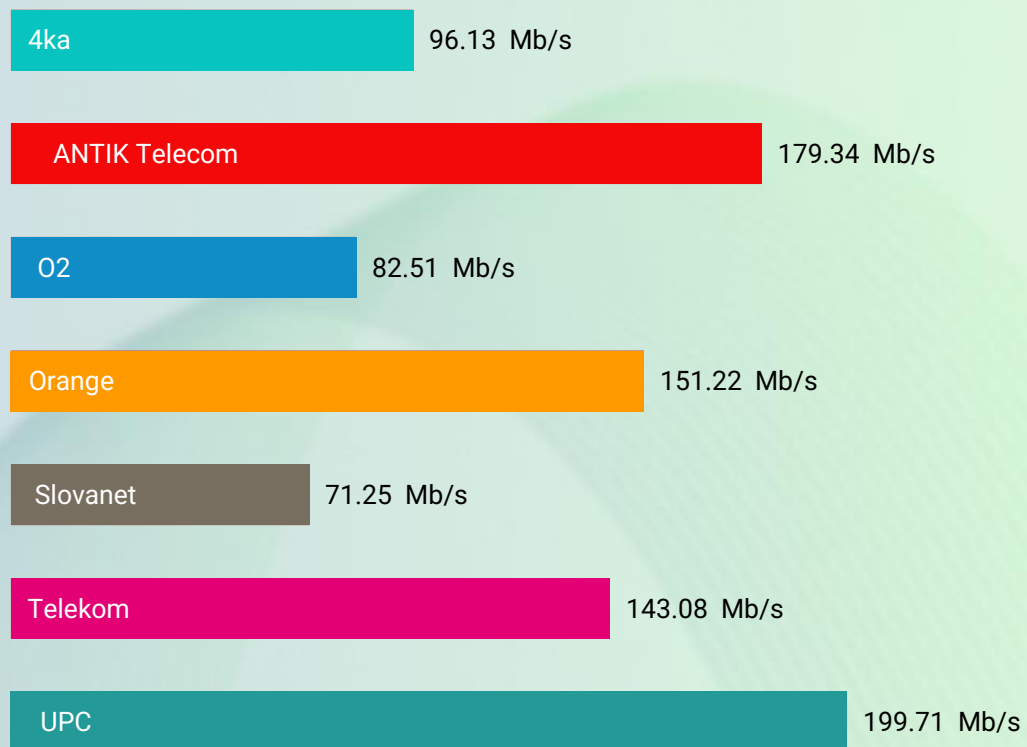
## Streaming performance rate (average) evolution over the year







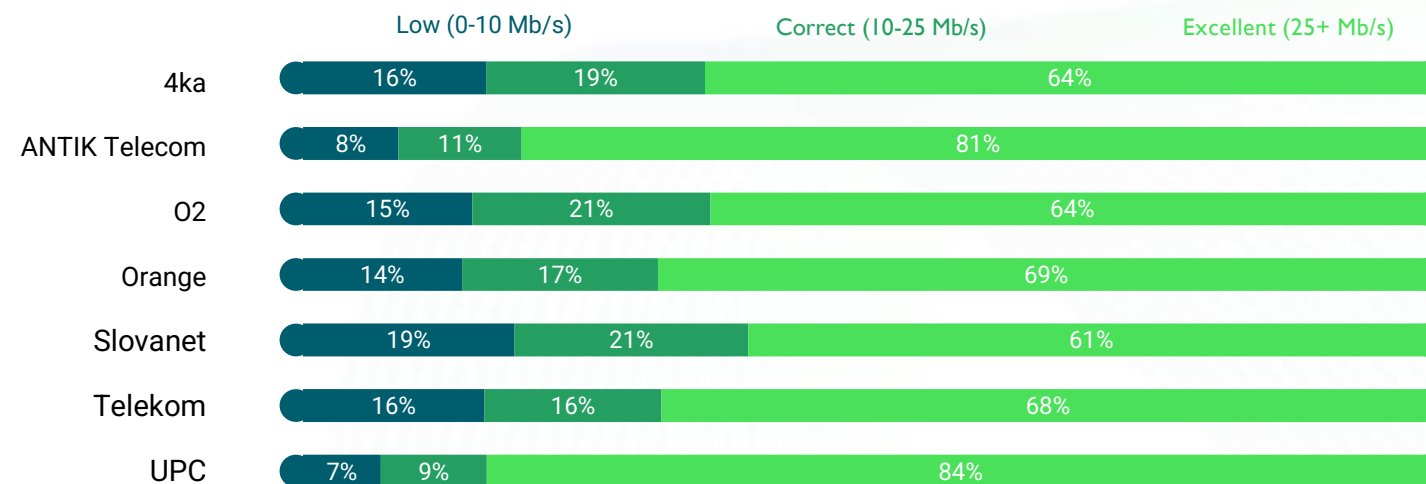
## Download Speed (average)



Source : nperf.com

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

## Download Speed results ventilation (average)



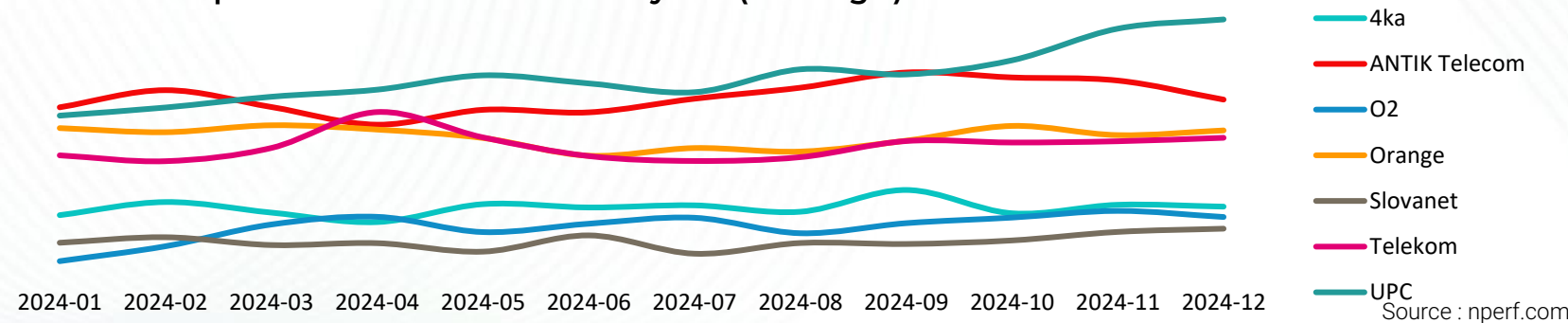
Source : nperf.com

## Download Speed (average)



Source : nperf.com

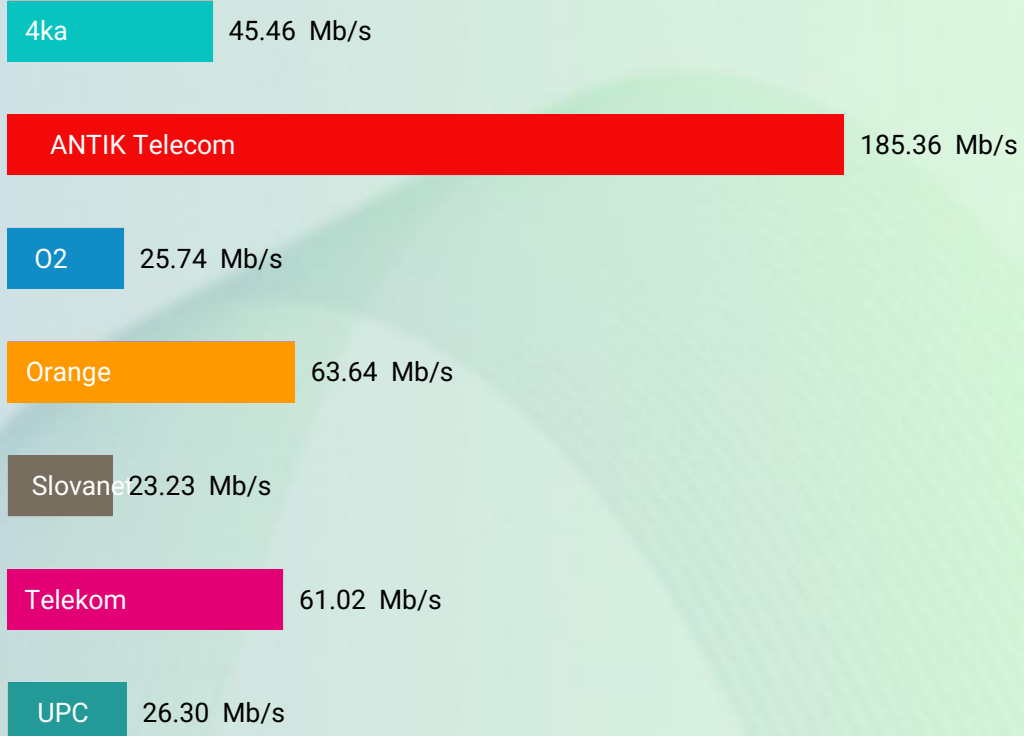
## Download Speed evolution over the year (average)



Source : nperf.com



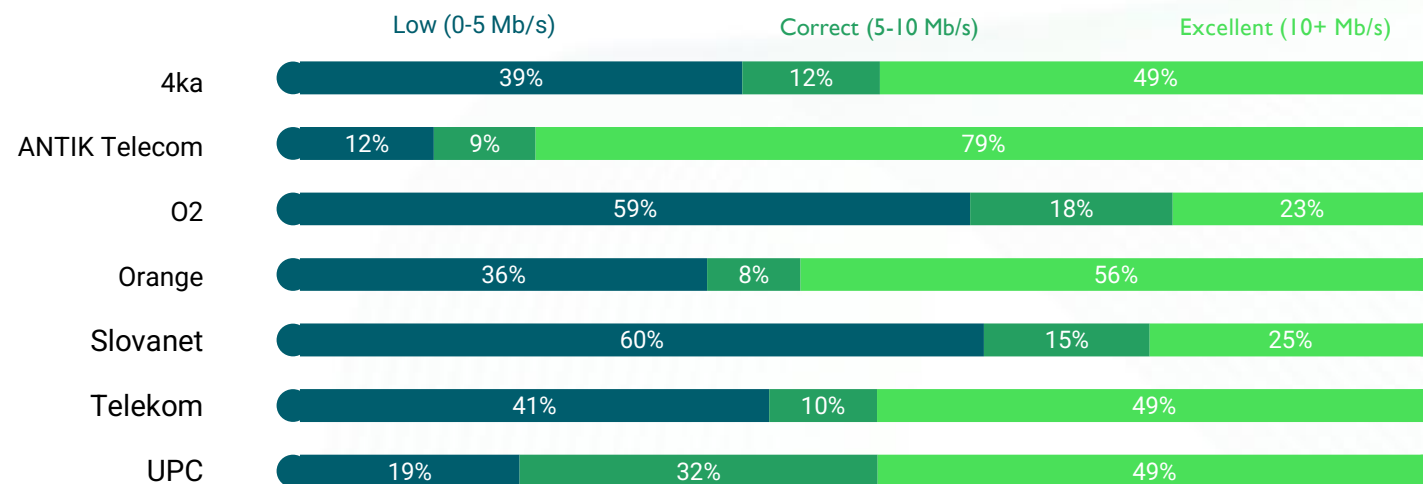
## Upload Speed (average )



Source : nperf.com

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

## Upload Speed results ventilation (average)



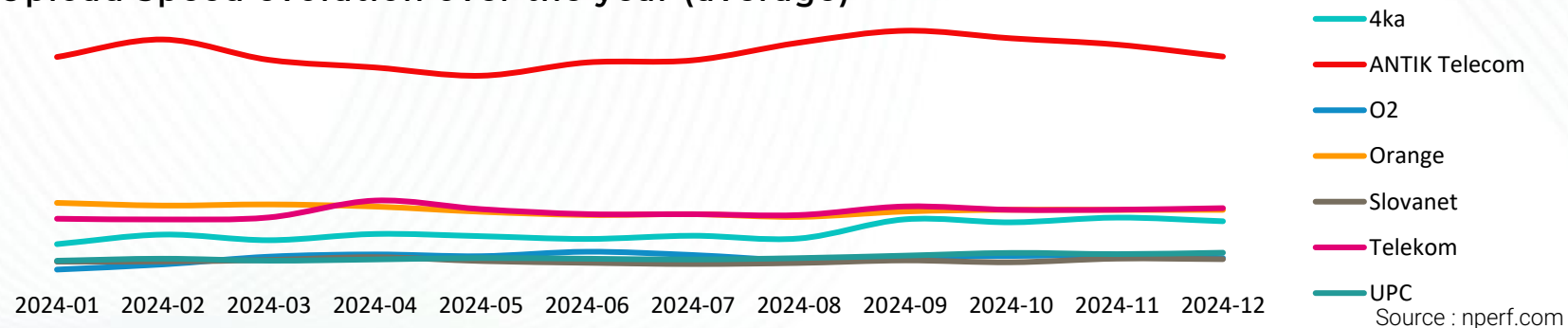
Source : nperf.com

## Upload Speed (average )



Source : nperf.com

## Upload Speed evolution over the year (average)

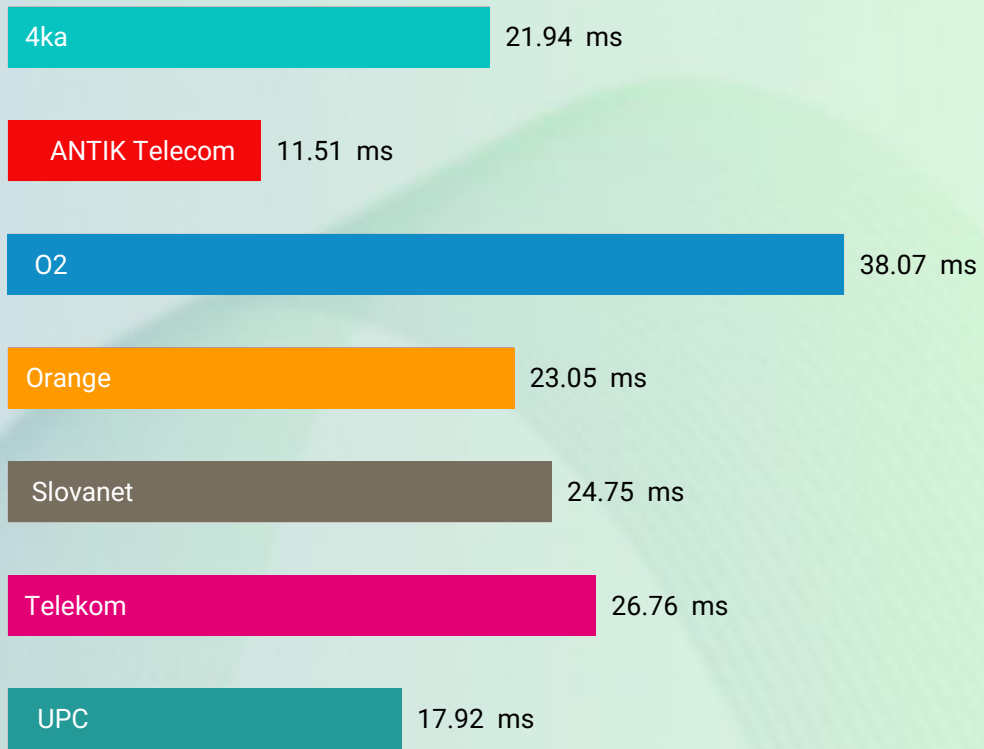


Source : nperf.com





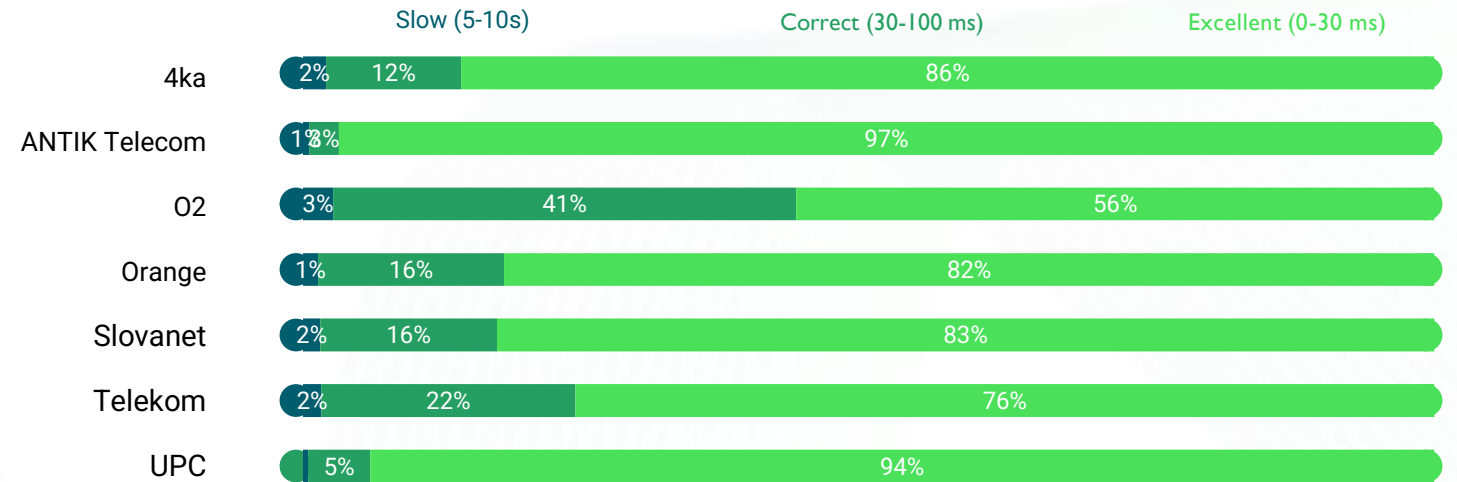
## Latency Speed (average)



Source : nperf.com

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

## Latency Speed results ventilation (average)



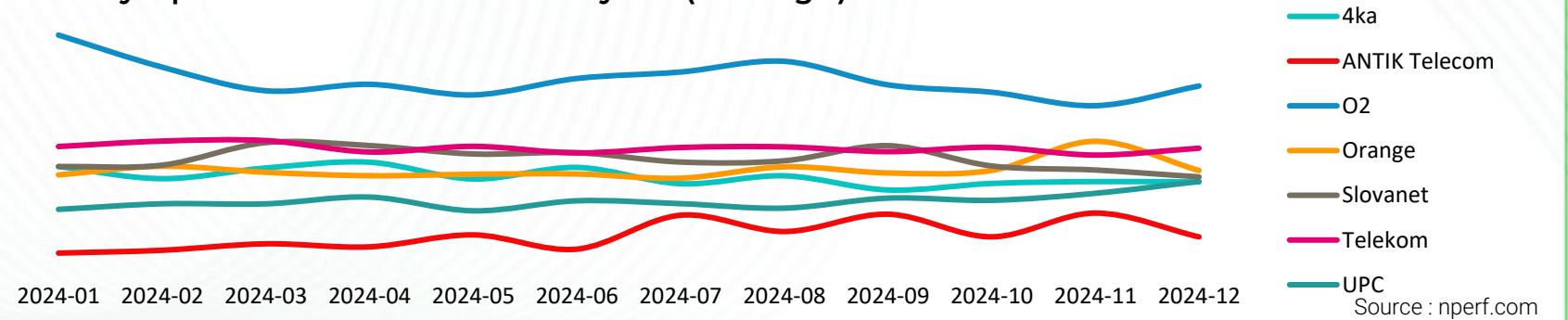
Source : nperf.com

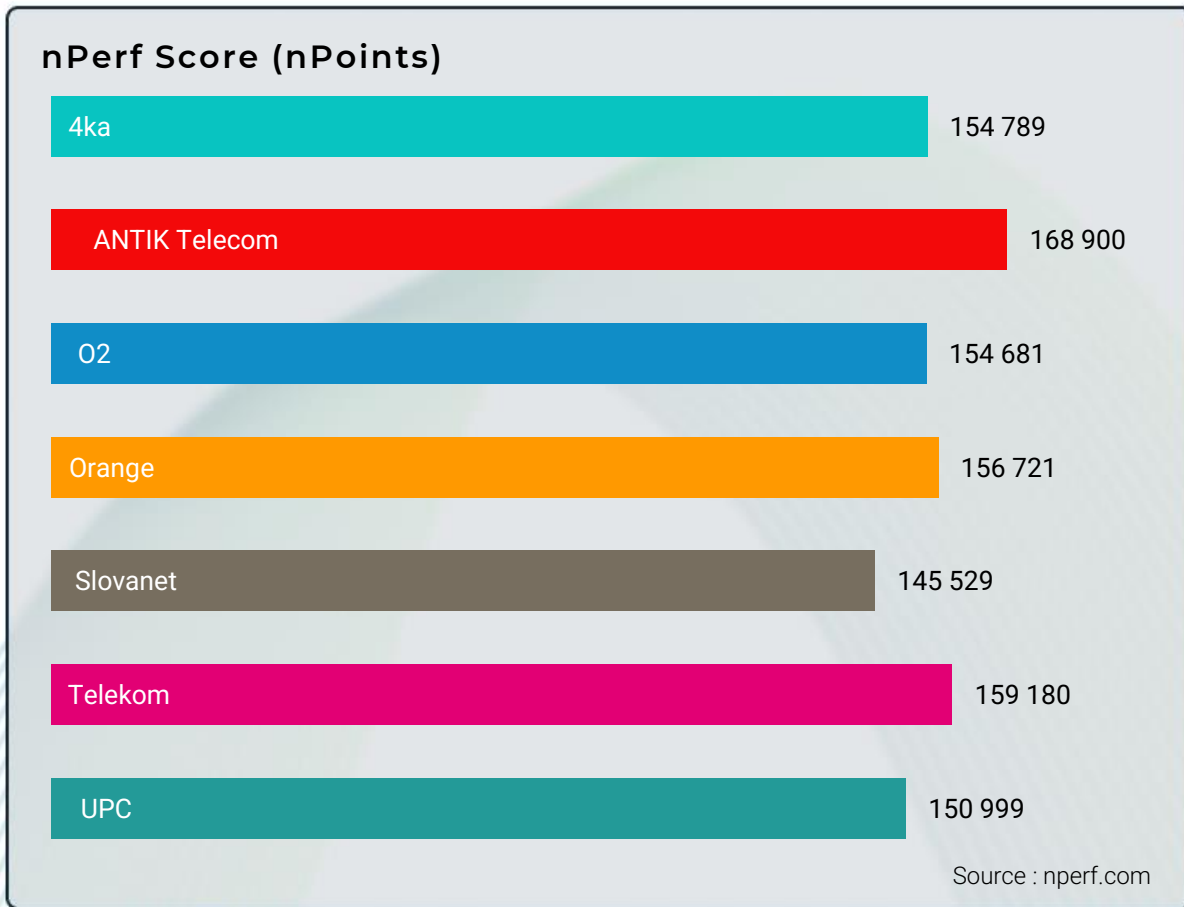
## Latency Speed (average)



Source : nperf.com

## Latency Speed evolution over the year (average)

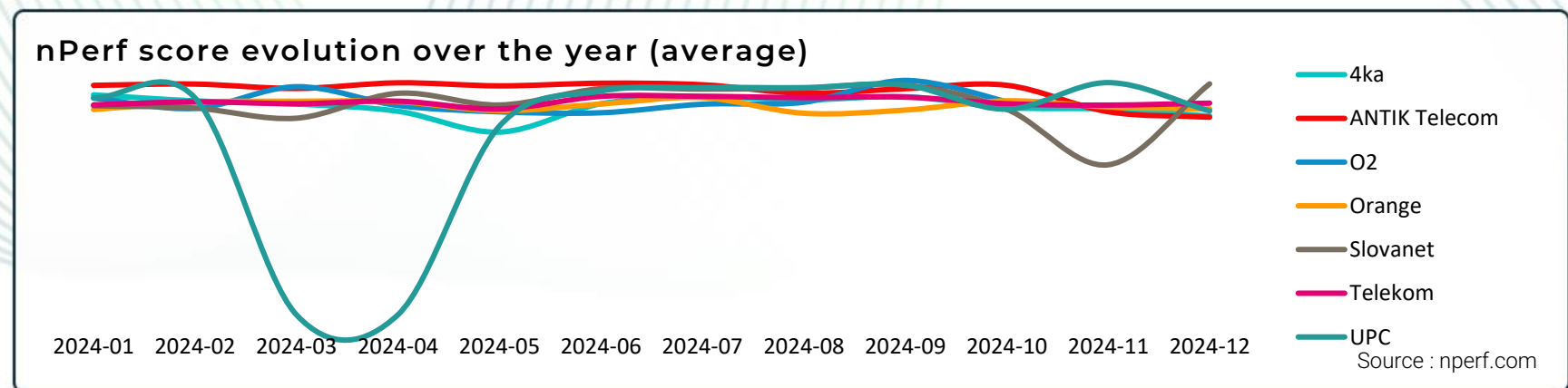
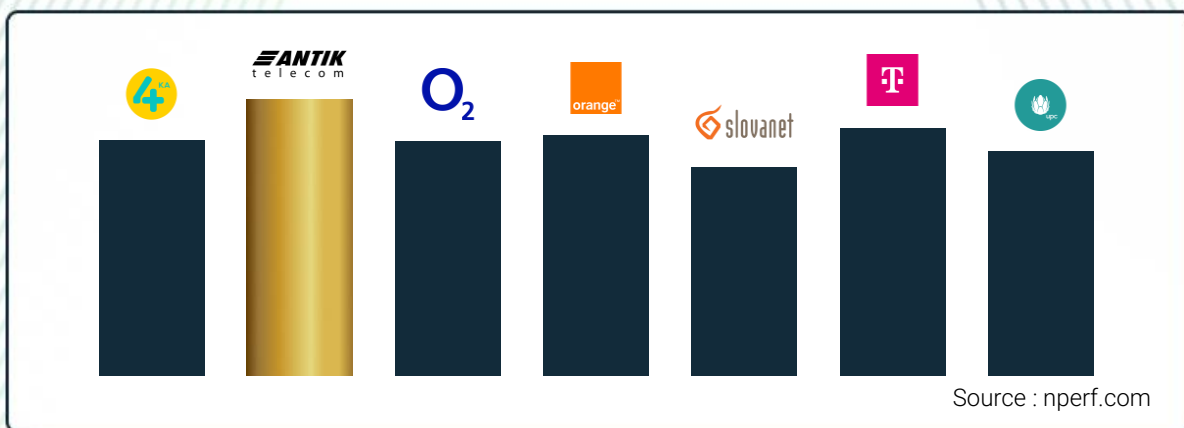




The subscribers of ANTIK Telecom enjoyed the best FTTH Internet performances in 2024.

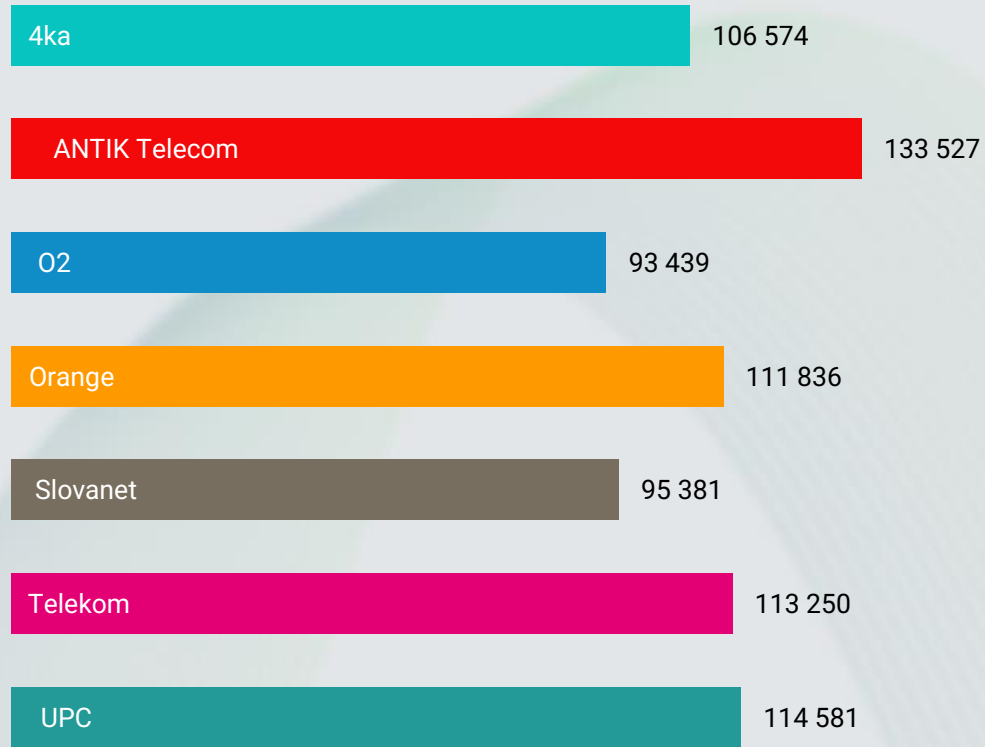
- Best performances FTTH: ANTIK Telecom
- Best web browsing performances FTTH: ANTIK Telecom and Orange
- Best video streaming performances FTTH: O2
- Fastest performances (Download) FTTH: Telekom
- Fastest performances (Upload) FTTH: ANTIK Telecom
- FTTH connections with the lowest latency: ANTIK Telecom

Source : nperf.com





nPerf Score (nPoints)



Source : nperf.com

The subscribers of ANTIK Telecom enjoyed the best WIFI Internet performances in Slovakia in 2024.

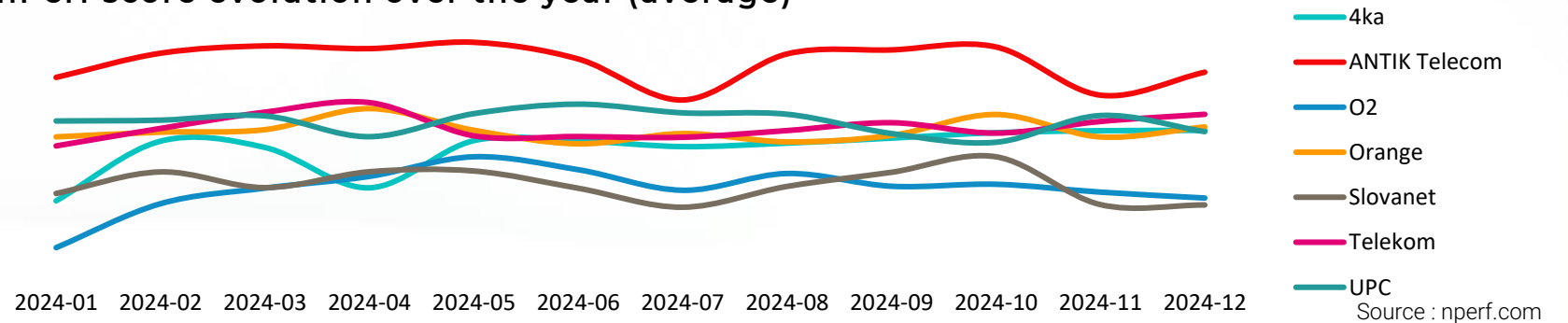
- Best performances WIFI: ANTIK Telecom
- Best web browsing performances WIFI: ANTIK Telecom
- Best video streaming performances WIFI: ANTIK Telecom
- Fastest performances (Download) WIFI: UPC
- Fastest performances (Upload) WIFI: ANTIK Telecom
- WIFI connections with the lowest latency: ANTIK Telecom

Source : nperf.com



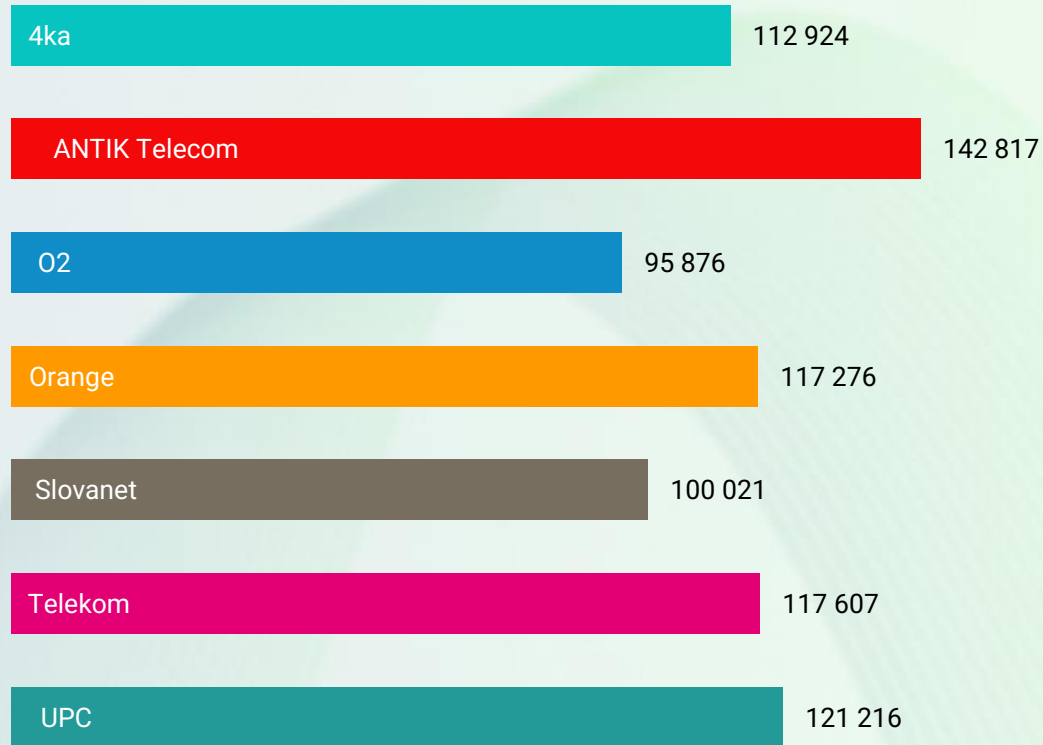
Source : nperf.com

nPerf score evolution over the year (average)



Source : nperf.com

## nPerf Score (nPoints)



Source : nperf.com

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

The nperf score takes into account the measured bitrates, the latency and the Qoe tests.

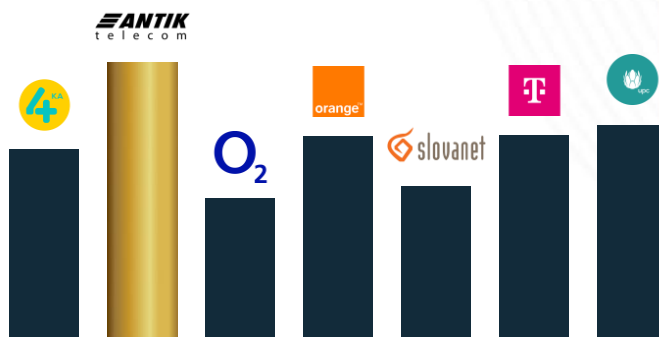
The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user.

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

Source : nperf.com

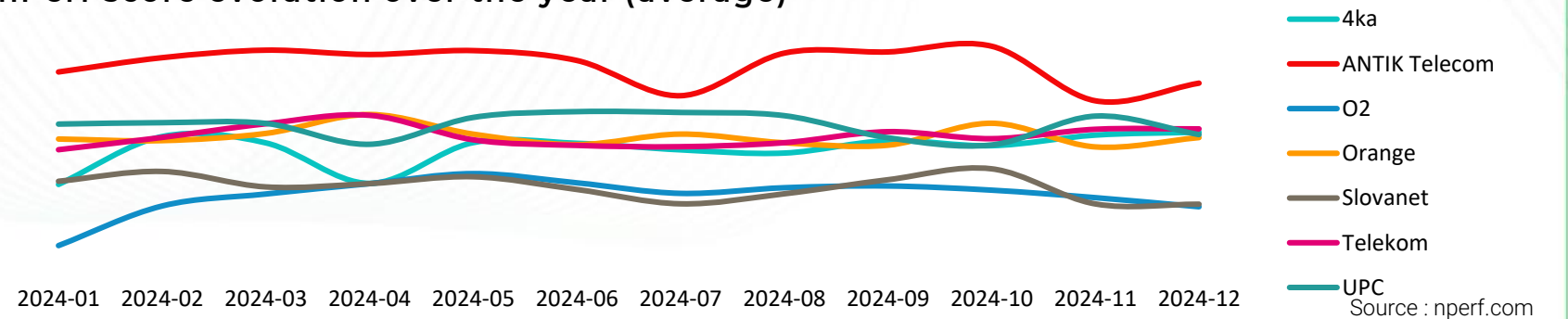
**ANTIK**  
telecom

Best fixed Internet performance  
in 2024



Source : nperf.com

## nPerf score evolution over the year (average)



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