

Barometer of mobile Internet connections in Turkey

07/01/2024 - 06/30/2025



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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.

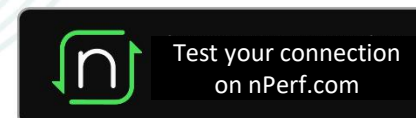
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worldwide.

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

 **3k+** servers all
around the world.

Test your Internet connection with nPerf!

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2. Executive Summary



The subscribers of Turkcell and Türk Telekom enjoyed the best mobile Internet performances in 2025.

Mobile Internet connections in Turkey

	Turkcell	Türk Telekom	Vodafone
▼ Download speeds (Mb/s)	53.39	44.04	31.03
▲ Upload speeds (Mb/s)	15.85	14.59	11.33
◀▶ Latency (ms)	53.41	50.27	39.87
🌐 Web browsing (%)	59.27	59.62	59.62
📺 Youtube streaming (%)	79.66	79.74	79.75
📶 nPerf Score (nPoints)	69 799	68 098	65 596

Source : nPerf.com



Best mobile Internet performance
in 2025









Source : nPerf.com



Source : nPerf.com

The subscribers of Turkcell enjoyed the best 4G Internet performances in Turkey in 2025.

4G mobile Internet connections in Turkey

	Turkcell	Türk Telekom	Vodafone
 Download speeds (Mb/s)	56.38	43.99	30.63
 Upload speeds (Mb/s)	16.99	15.06	11.39
 Latency (ms)	52.50	49.84	39.69
 Web browsing (%)	60.40	60.00	59.75
 Youtube streaming (%)	80.68	80.16	79.86
 nPerf Score (nPoints)	72 055	68 746	65 648

Source : nPerf.com

Introduction

During the period from Q3 2024 to Q2 2025, both Türk Telekom and Turkcell emerged as sector leaders in Turkey's mobile internet landscape, demonstrating significant improvements across key performance indicators. The mobile internet sector in Turkey shows strong competition among the three major operators, with an active focus on 4G technology.

In the 4G segment, Turkcell maintains its leadership position with the highest performance scores. For specific metrics, Turkcell leads in download bitrate (53.4 Mbps) and upload bitrate (15.9 Mbps), while Vodafone provides the best latency (39.9 ms). For browsing and video streaming experiences, all three operators deliver comparable performance, with minimal differences separating them.

Turkcell: Consistent Co-Leader with Strong Data Performance and co-leader

Turkcell achieves the highest overall score of 69,799 nPoints, positioning itself as a co-leader in Turkey's mobile sector. The operator maintains its n°1 position in the 4G segment and delivers the best performance in both download and upload speeds, reaching 53.4 Mbps and 15.9 Mbps respectively. This makes Turkcell particularly well-suited for activities requiring substantial data throughput, such as video streaming and large file downloads. The operator has shown solid improvement, with download speeds increasing by 22.7% and upload speeds by 10.1% compared to the previous period.

Türk Telekom: Strong Performance with Balanced Capabilities and co-leader

With a score of 68,098 nPoints, Türk Telekom shares the top position in the overall sector ranking. The operator delivers good all-around performance with download speeds of 44.0 Mbps and upload speeds of 14.6 Mbps. Türk Telekom has demonstrated the most substantial improvement in download bitrate with a 39.7% increase and a 10.5% improvement in upload speeds. These enhancements provide users with a smooth browsing experience and reliable performance for everyday mobile internet usage.

Vodafone: Latency Leader with Significant Speed Improvements

Scoring 65,596 nPoints, Vodafone maintains its position as the n°1 operator for latency at 39.9 ms, making it particularly suitable for real-time applications like online gaming and video calls. While ranking third in overall performance, Vodafone has shown the most dramatic improvement among all operators, with download speeds increasing by 47.5% and upload speeds by 17.6%. This significant progress demonstrates Vodafone's commitment to enhancing its network performance.

Conclusion

Turkey's mobile internet sector demonstrates strong competition with Türk Telekom and Turkcell sharing the top position. All three major operators have significantly improved their network capabilities, particularly in terms of download and upload speeds, creating a competitive environment that benefits mobile users across the country.

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

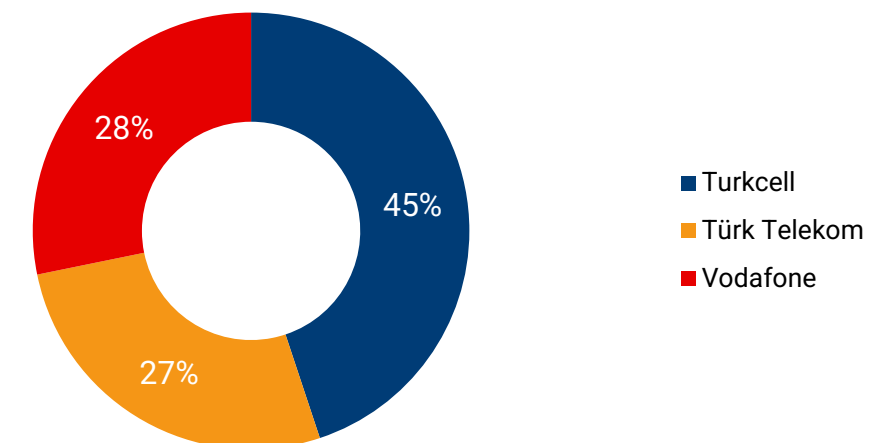
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 2.8% 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



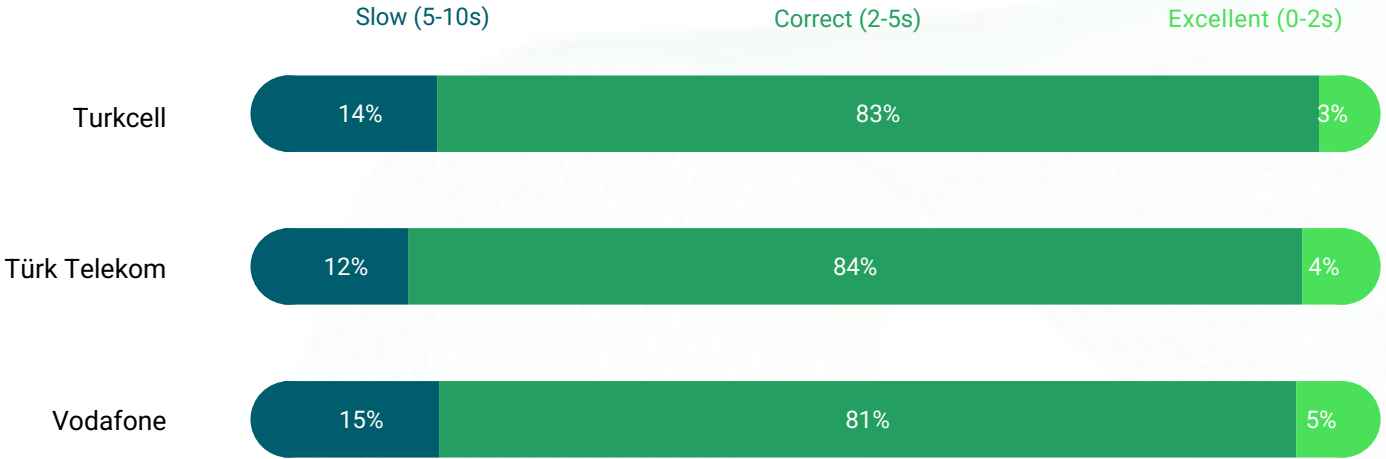
Browsing Performance rate (average)



Source : nPerf.com

The subscribers of Turkcell, Türk Telekom and Vodafone enjoyed the best mobile Internet browsing performance in 2025.

Browsing Performance results ventilation (average)



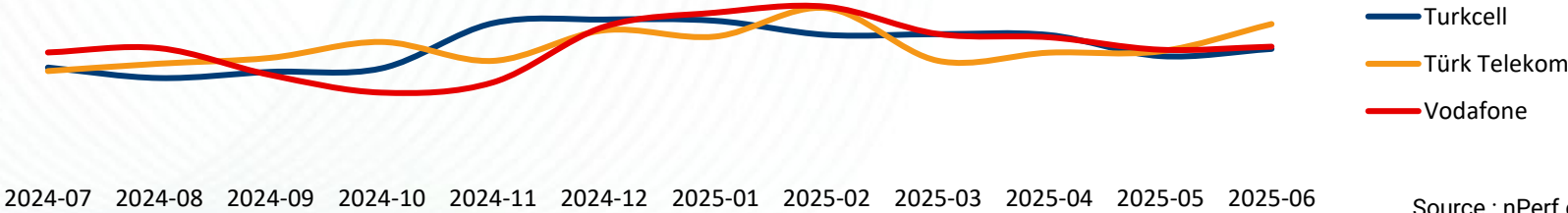
Source : nPerf.com

Browsing Performance rate (average)



Source : nPerf.com

Browsing performance rate (average) evolution over the year



Source : nPerf.com



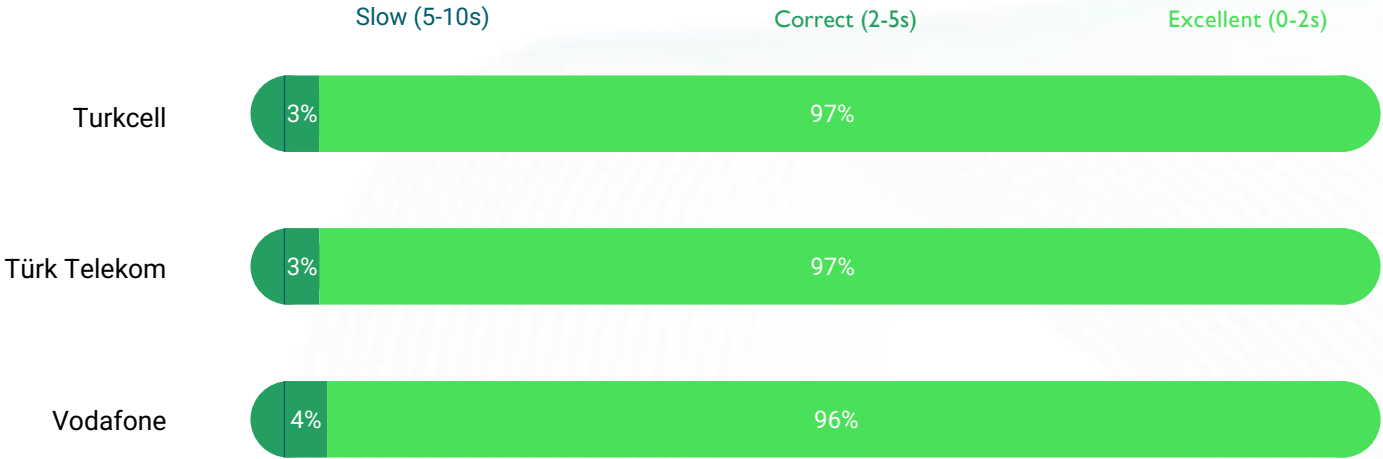
Streaming Performance rate (average)



Source : nPerf.com

The subscribers of Turkcell, Türk Telekom and Vodafone enjoyed the best mobile Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



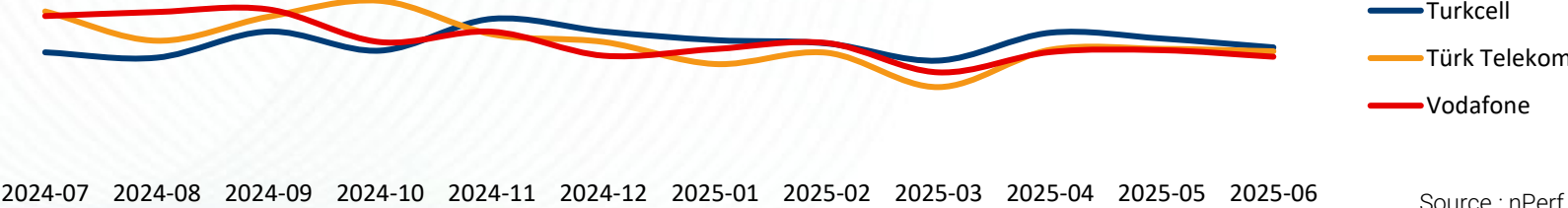
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

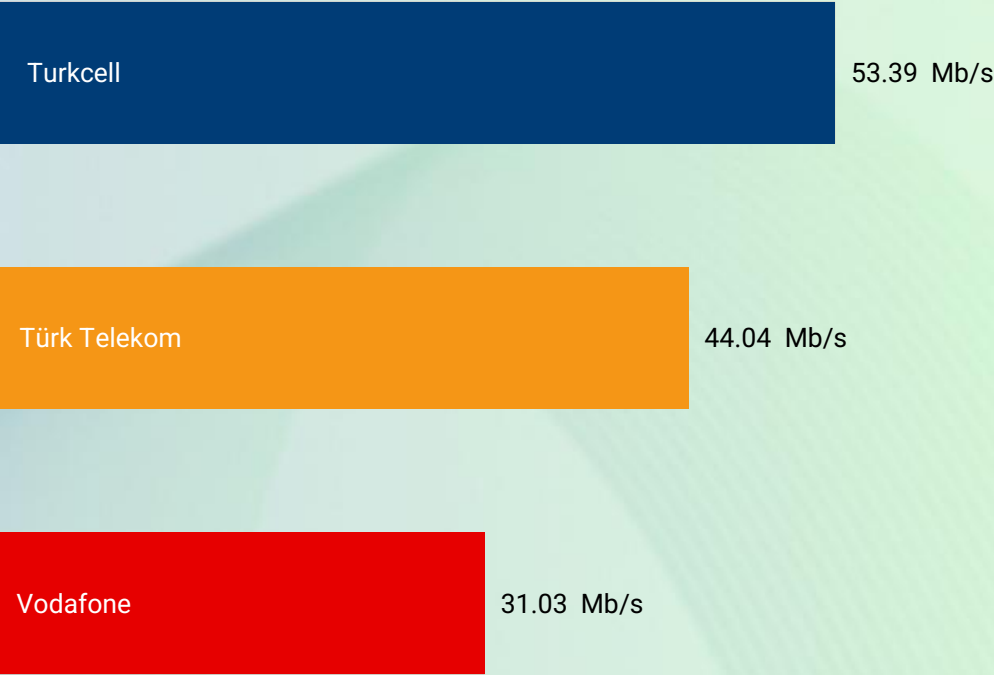
Streaming performance rate (average) evolution over the year



Source : nPerf.com



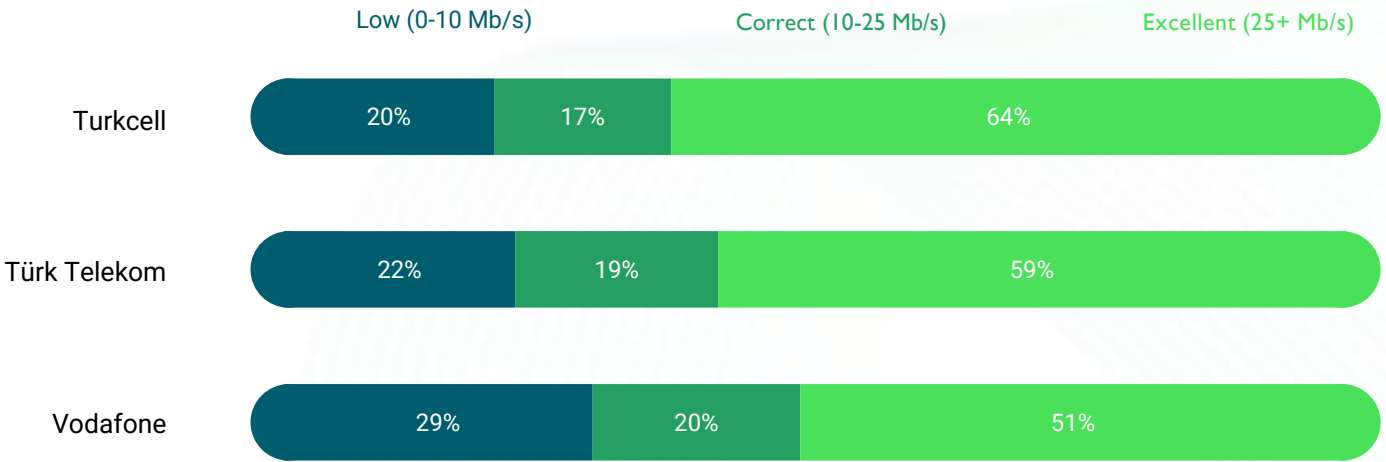
Download Speed (average)



Source : nPerf.com

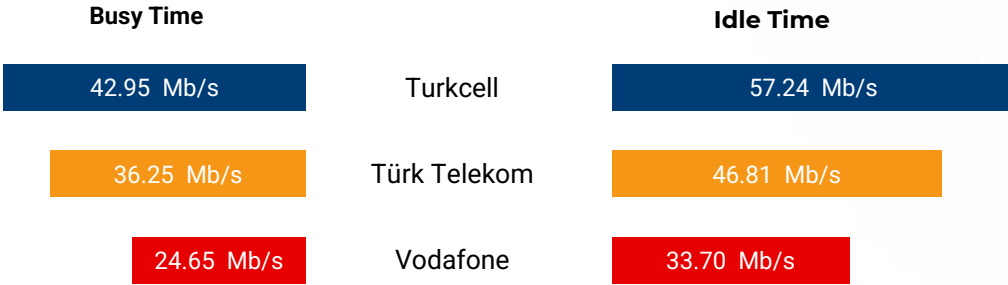
The subscribers of Turkcell enjoyed the best average mobile Internet download speed in 2025.

Download Speed results ventilation (average)



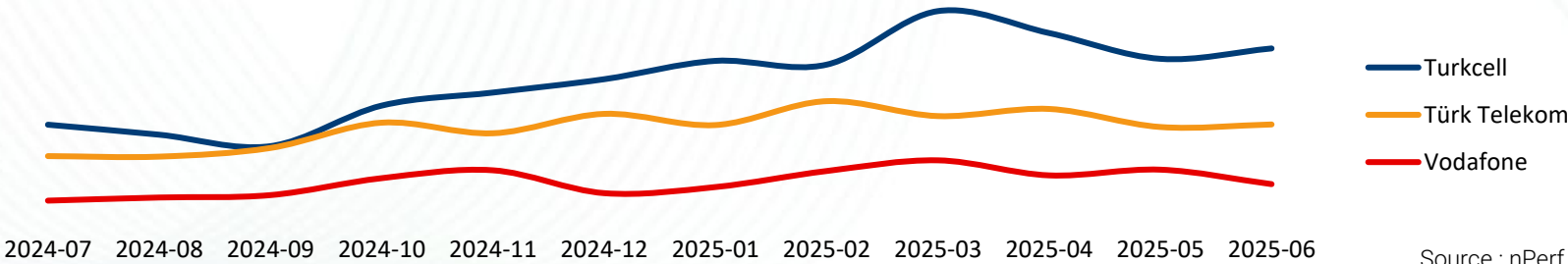
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

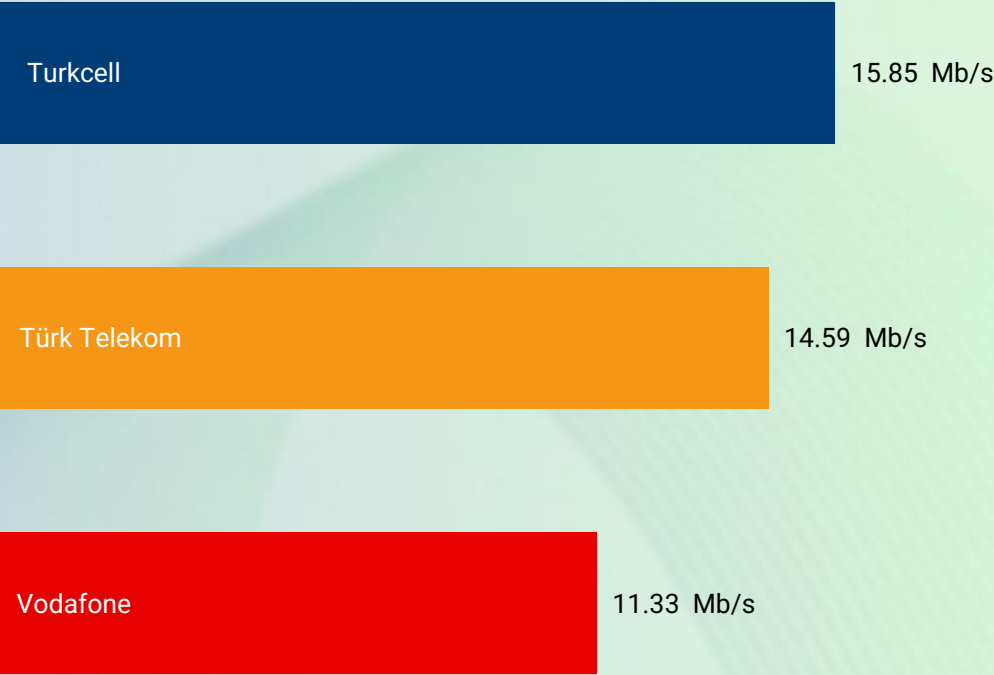
Download Speed evolution over the year (average)



Source : nPerf.com



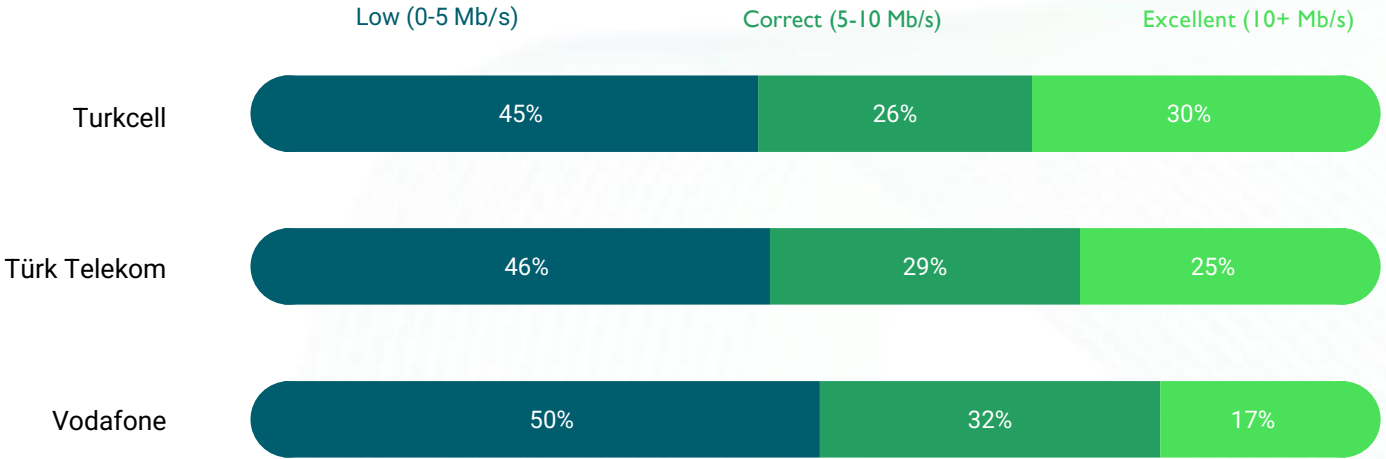
Upload Speed (average)



Source : nPerf.com

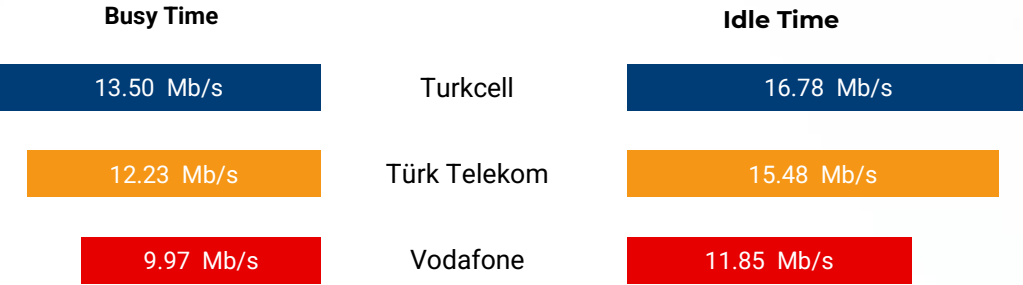
The subscribers of Turkcell enjoyed the best average mobile Internet upload speed in 2025.

Upload Speed results ventilation (average)



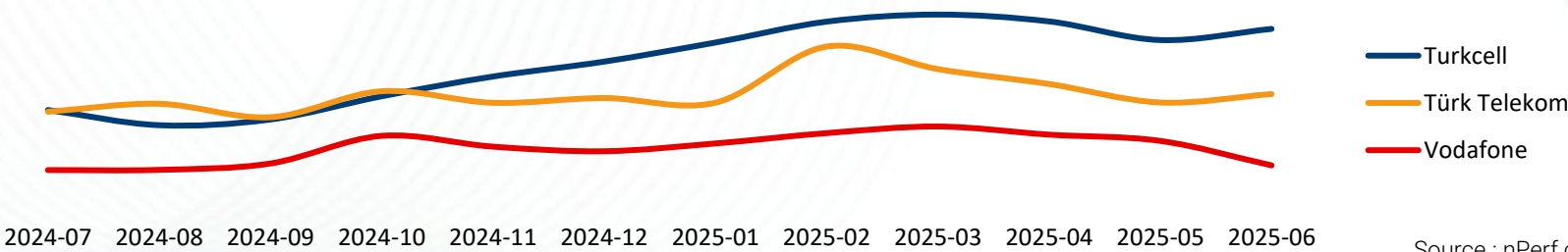
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

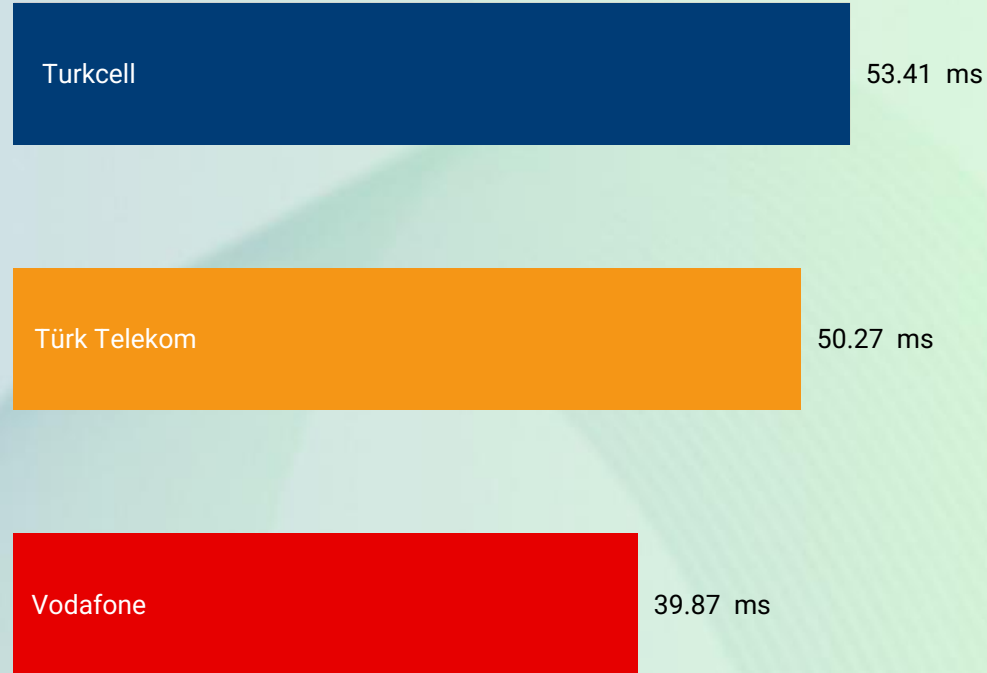
Upload Speed evolution over the year (average)



Source : nPerf.com



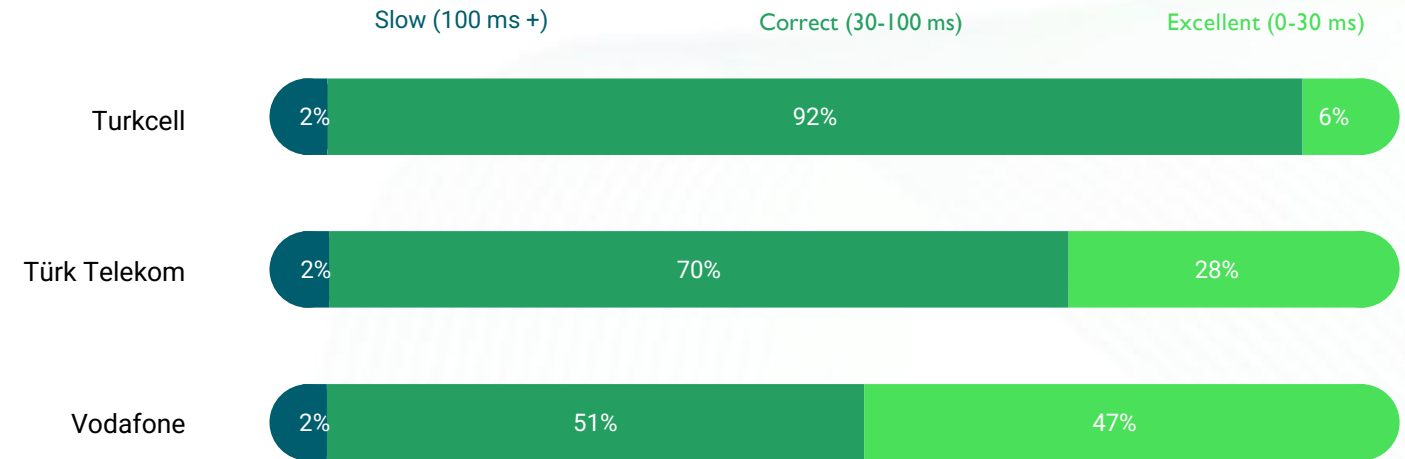
Latency Speed (average)



Source : nPerf.com

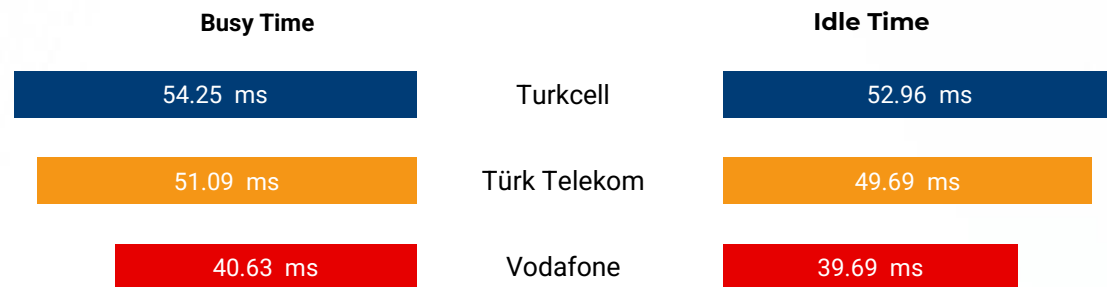
The subscribers of Vodafone enjoyed the best average mobile Internet latency speed in 2025.

Latency Speed results ventilation (average)



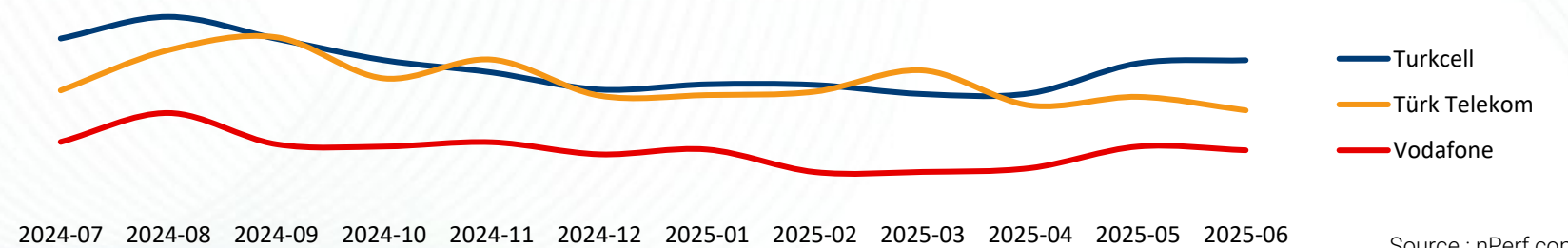
Source : nPerf.com

Latency Speed (average)



Source : nPerf.com

Latency Speed evolution over the year (average)



Source : nPerf.com

nPerf Score (nPoints)



Source : nPerf.com

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

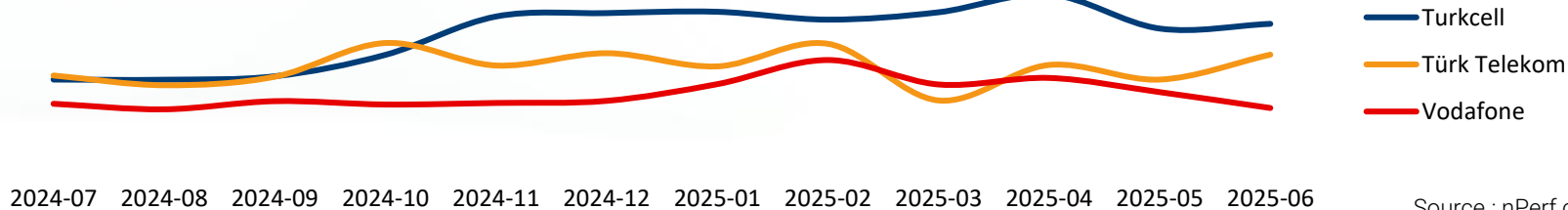
- Best performances 4G: Turkcell
- Best web browsing performances 4G: Turkcell and Türk Telekom
- Best video streaming performances 4G: Turkcell
- Fastest performances (Download) 4G: Turkcell
- Fastest performances (Upload) 4G: Turkcell
- 4G connections with the lowest latency: Vodafone

Source : nPerf.com



Source : nPerf.com

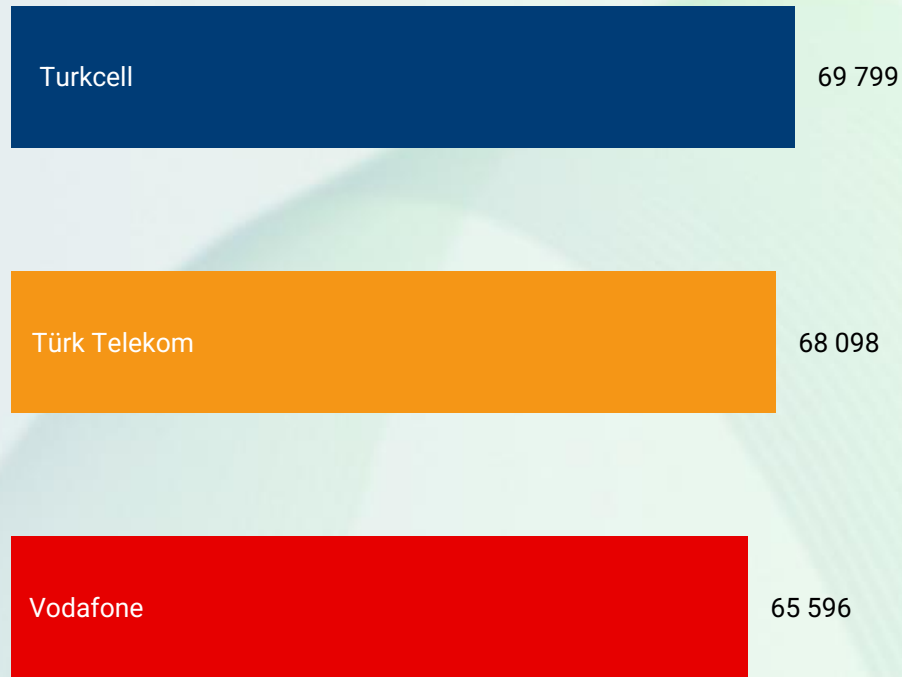
nPerf score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)

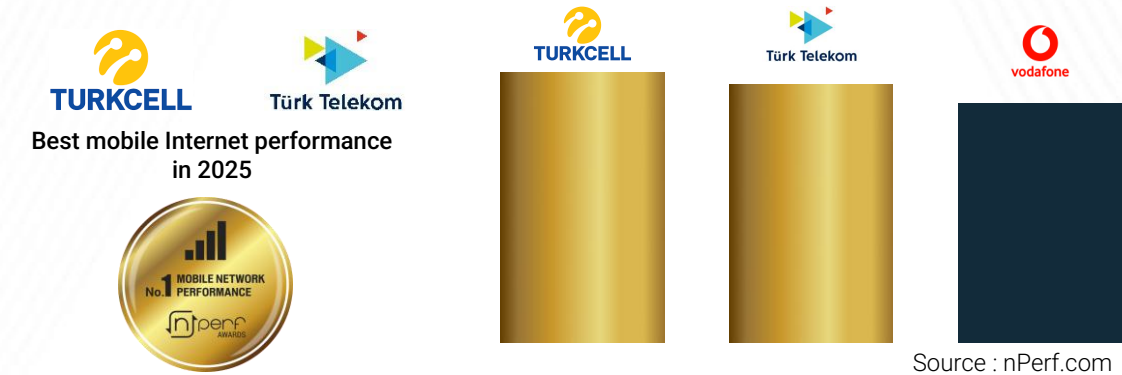


Source : nPerf.com

The subscribers of Turkcell and Türk Telekom enjoyed the best mobile Internet performances in 2025.

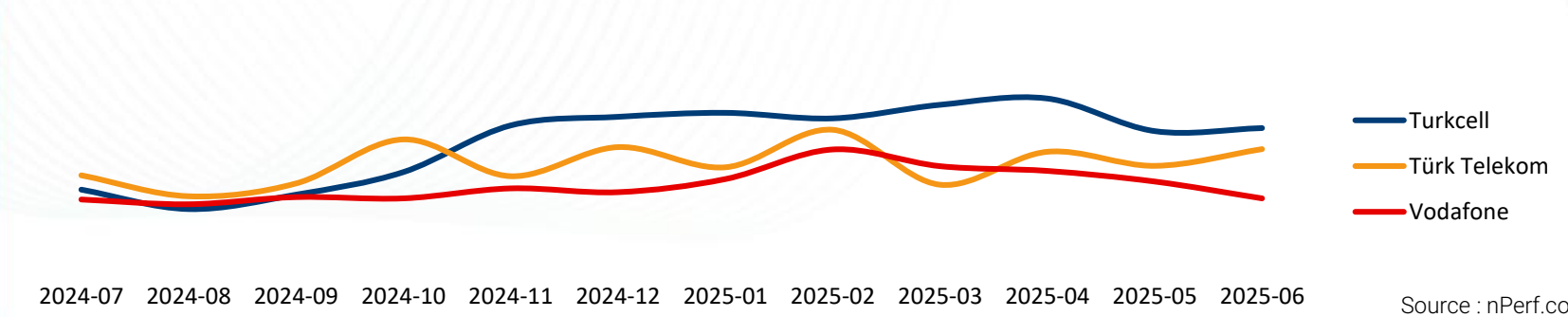
The nPerf score takes into account the measured speeds, the latency and the QoE tests. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user. Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nPerf.com



Source : nPerf.com

nPerf score evolution over the year (average)



Source : nPerf.com

The background of the image features a series of thin, light-colored wavy lines that create a sense of motion and depth. These lines are layered and overlap, forming a complex, organic pattern that flows across the entire frame. The lines are most prominent in the center and fade slightly towards the edges.

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