

28/01/2025

Barometer of mobile Internet connections in Ireland

01/01/2024 - 12/31/2024



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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.

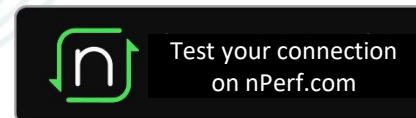
 **300k+** tests daily worldwide.

 **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 Vodafone enjoyed the best mobile Internet performances in 2024.

Mobile Internet connections in Ireland

	Three	Vodafone	eir
▼ Download speeds (Mb/s)	107,09	105,40	71,97
▲ Upload speeds (Mb/s)	19,16	32,01	15,37
◀▶ Latency (ms)	32,60	27,82	29,70
🌐 Web browsing (%)	76,51	82,41	78,36
📺 Youtube streaming (%)	84,76	86,18	85,77
nPerf Score (nPoints)	97 940	108 153	94 591

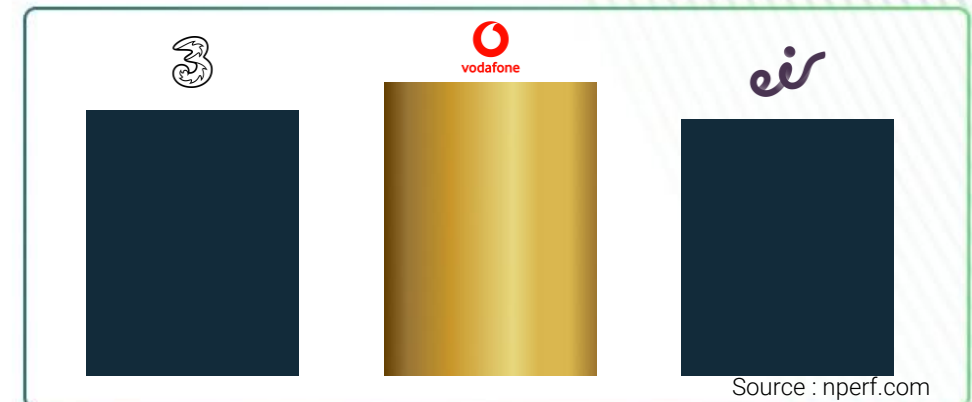
Source : nperf.com



Best mobile Internet performance in 2024




Source : nperf.com



Source : nperf.com

The subscribers of Vodafone enjoyed the best 5G Internet performances in Ireland in 2024.

5G Fixed Internet connections in Ireland

	Three	Vodafone	eir
▼ Download speeds (Mb/s)	196,72	228,24	102,75
▲ Upload speeds (Mb/s)	29,63	58,72	17,39
◀▶ Latency (ms)	27,52	23,65	26,35
🌐 Web browsing (%)	83,34	86,91	84,50
📺 Youtube streaming (%)	87,08	89,21	82,38
 nPerf Score (nPoints)	117 351	130 647	103 597

Source : nperf.com

Introduction

In 2024, the mobile market in Ireland has shown significant developments, with Vodafone emerging as the global market leader. The focus on 5G technology has been particularly strong, and Vodafone has maintained its leadership in this category, continuing from the previous year. The market has also seen remarkable performances in specific KPIs, with Three and Vodafone both excelling in download speeds, and Vodafone leading in upload, latency, and browsing metrics. The video streaming category saw a shared leadership between Vodafone and eir, indicating a healthy competitive landscape.

Vodafone: Leader of the market with exceptional performances.

For the period analyzed, Vodafone stands out as the market leader with impressive scores across various metrics. The operator continues to dominate in the 5G category, reinforcing its stronghold in mobile technology. Vodafone leads in upload speed with 32.01 Mbps and maintains a low latency of 27.82 ms, further enhancing user experience. Its browsing performance remains strong at 82.41%, and it shares the leadership in video streaming with eir, showcasing its robust service offerings. Vodafone's comprehensive dominance across these categories underscores its pivotal role in shaping the mobile internet landscape in Ireland.

Three: Excellence in download speed.

Three has demonstrated excellence in download speed, achieving a leading position alongside Vodafone. With a download speed of 107 Mbps, Three delivers high-speed internet access to its customers. Although not a market leader, Three's

strength in download performance is noteworthy, contributing positively to the competitive dynamics of the Irish mobile market.

eir: Strong performance in video streaming.

eir has carved a niche for itself in the video streaming category, sharing the leadership with Vodafone. This achievement highlights eir's capability to deliver quality streaming services, catering to the growing consumer demand for video content. While eir does not lead in other KPIs, its performance in streaming is commendable, adding diversity to the competitive landscape and providing users with reliable streaming options.

Conclusion

Vodafone has firmly established itself as the market leader in 2024, with Three and eir excelling in specific categories such as download speed and video streaming, respectively. The competitive environment in Ireland's mobile internet market is characterized by strong performances across various KPIs, driven by advancements in 5G technology. The sustained competitiveness among operators bodes well for future innovations and enhancements in service quality, ensuring that users continue to benefit from high-performance mobile internet connections.

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

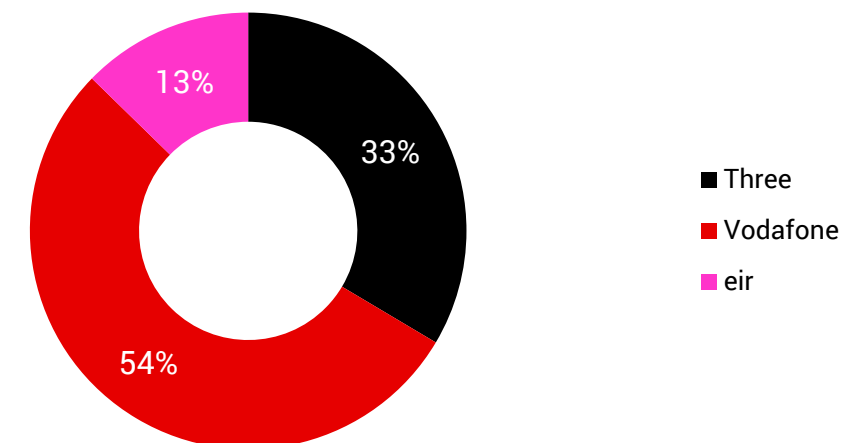
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 3% 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



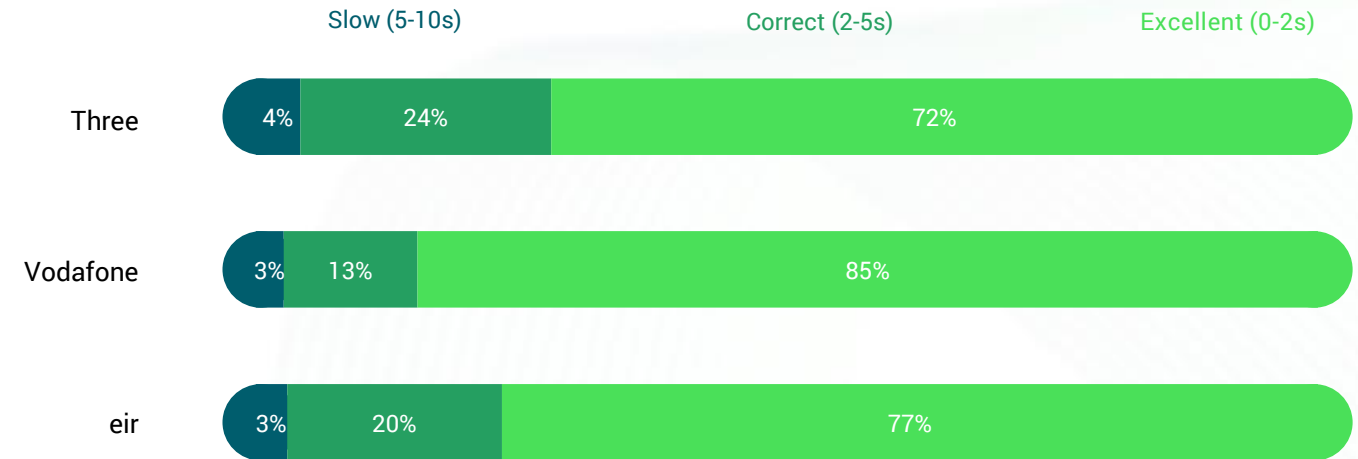
Browsing Performance rate (average)



Source : nperf.com

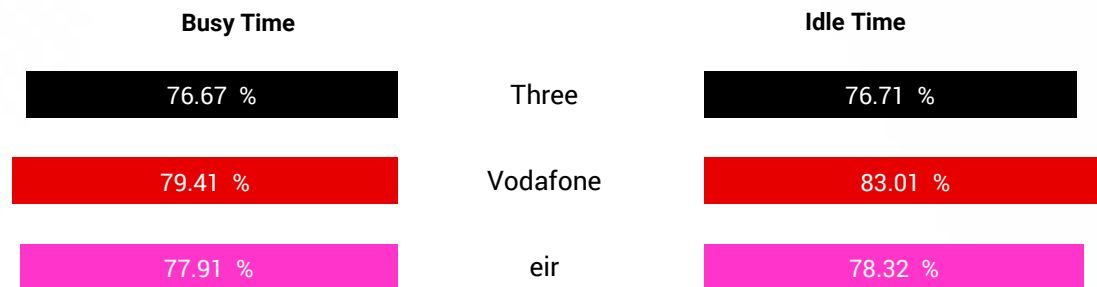
The subscribers of Vodafone enjoyed the best mobile Internet browsing performance in 2024.

Browsing Performance results ventilation (average)



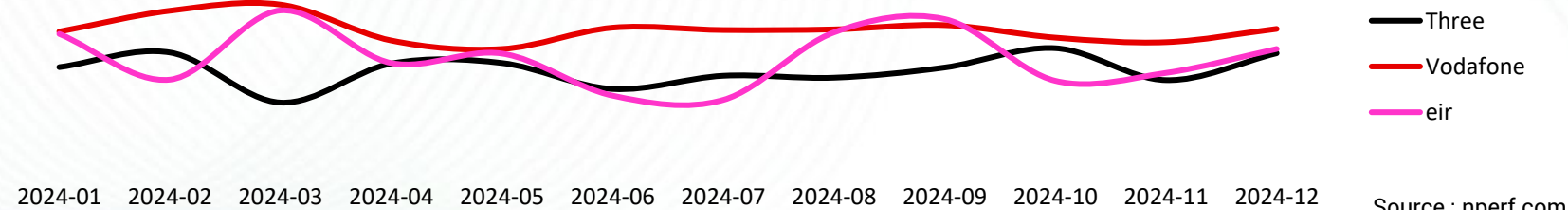
Source : nperf.com

Browsing Performance rate (average)



Source : nperf.com

Browsing performance rate (average) evolution over the year



Source : nperf.com



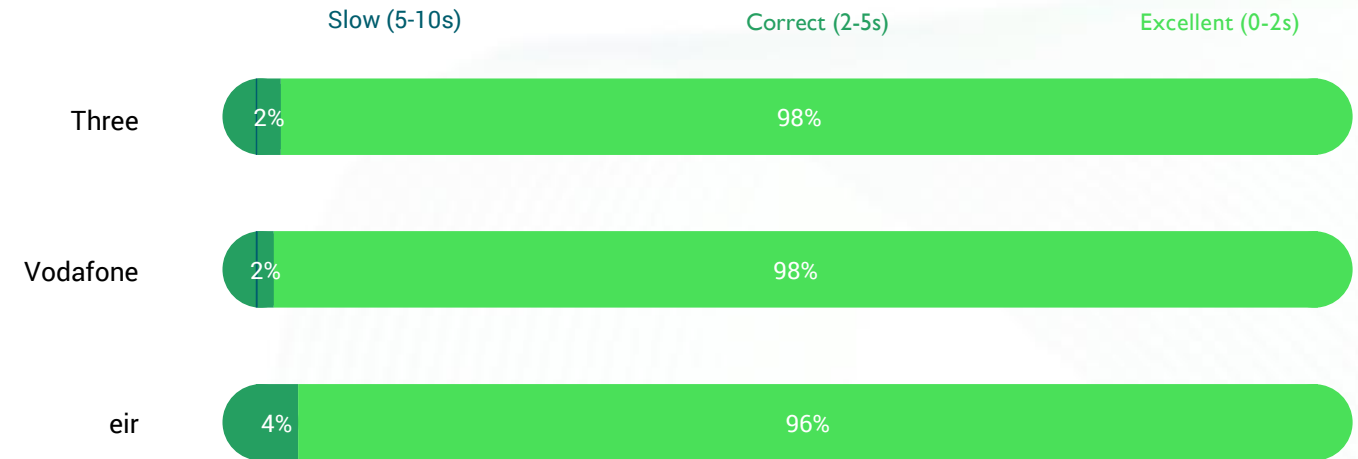
Streaming Performance rate (average)



Source : nperf.com

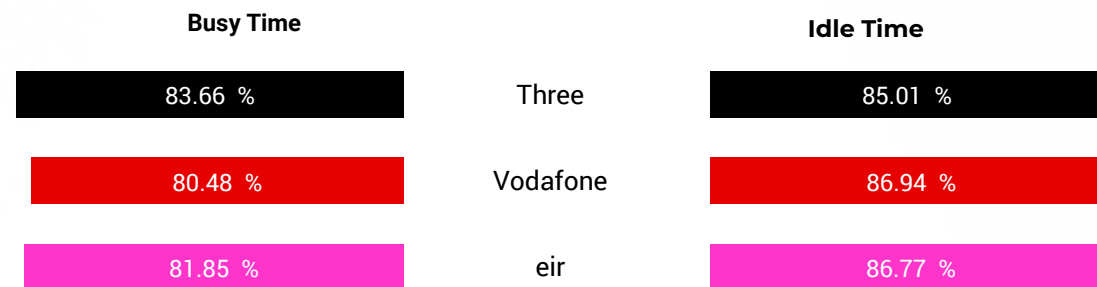
The subscribers of Vodafone and eir enjoyed the best mobile Internet streaming performance in 2024.

Streaming Performance results ventilation (average)



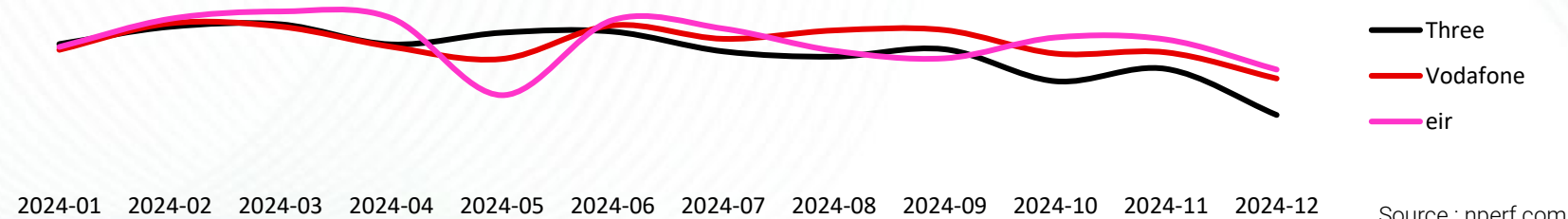
Source : nperf.com

Streaming Performance rate (average)



Source : nperf.com

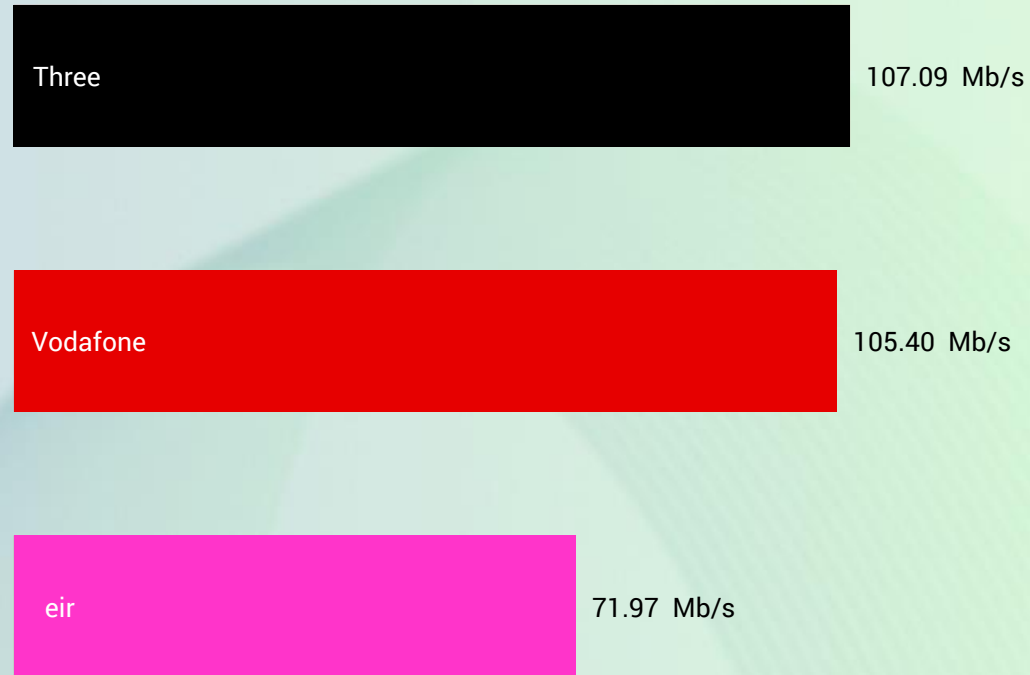
Streaming performance rate (average) evolution over the year



Source : nperf.com



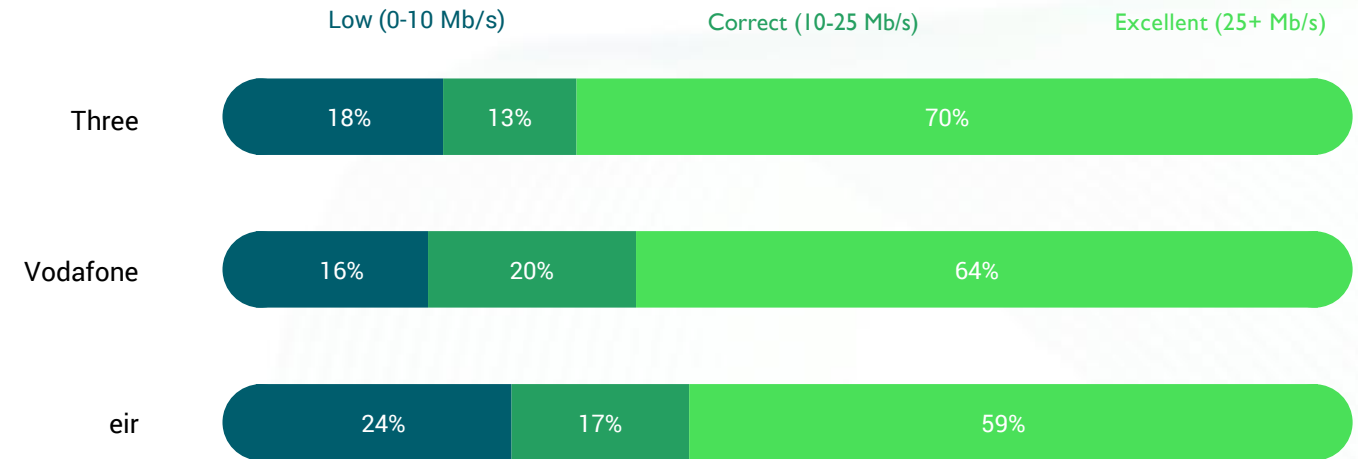
Download Speed (average)



Source : nperf.com

The subscribers of Three and Vodafone enjoyed the best average mobile Internet download speed in 2024.

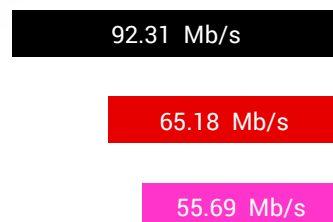
Download Speed results ventilation (average)



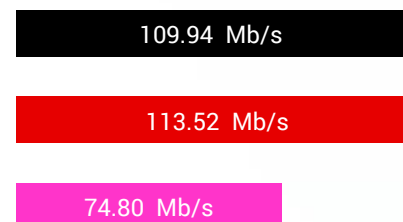
Source : nperf.com

Download Speed (average)

Busy Time

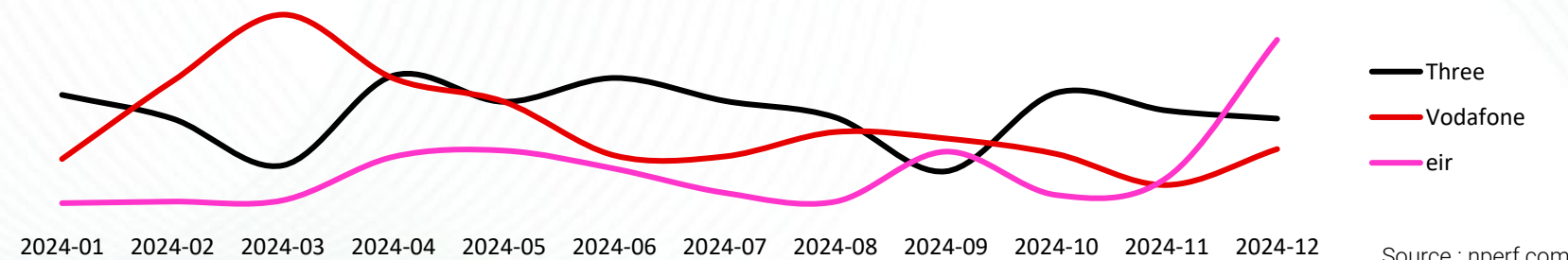


Idle Time



Source : nperf.com

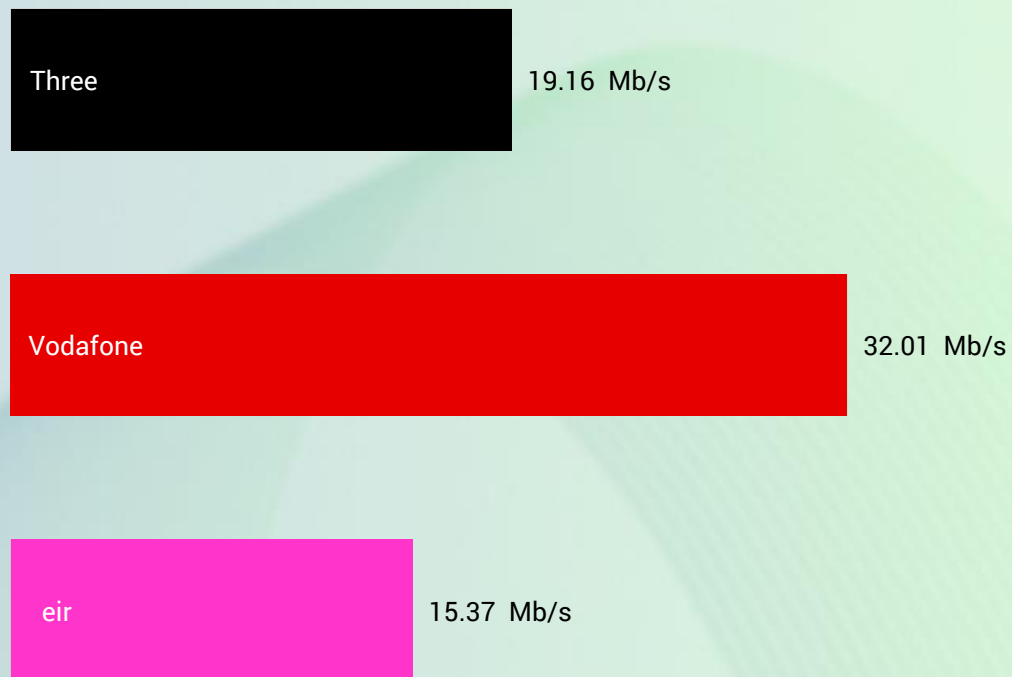
Download Speed evolution over the year (average)



Source : nperf.com



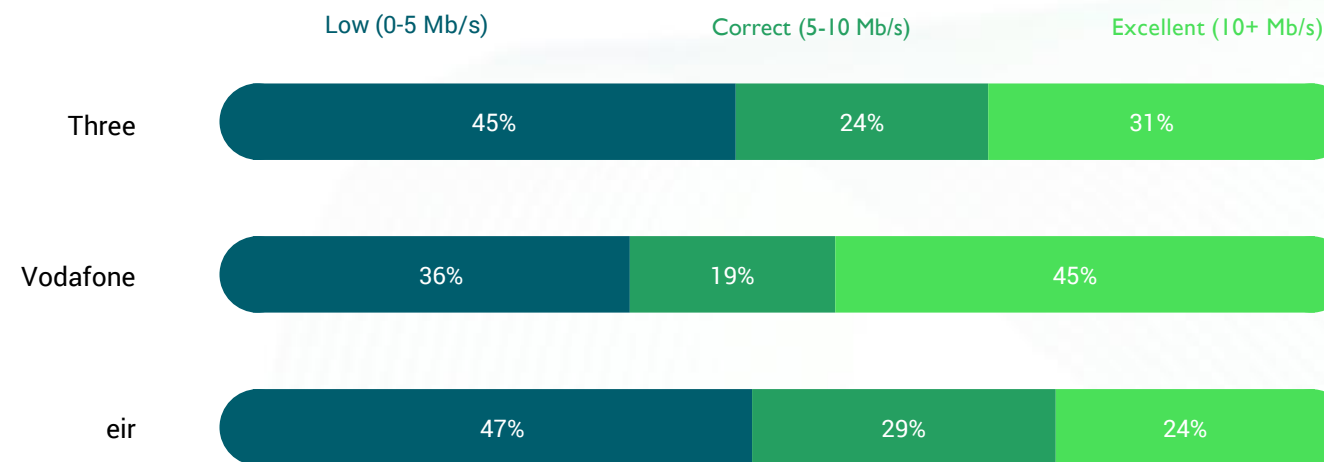
Upload Speed (average)



Source : nperf.com

The subscribers of Vodafone enjoyed the best average mobile Internet upload speed in 2024.

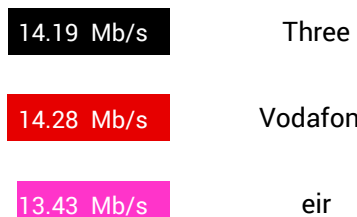
Upload Speed results ventilation (average)



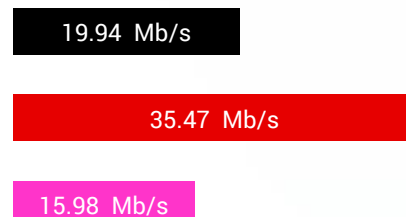
Source : nperf.com

Upload Speed (average)

Busy Time

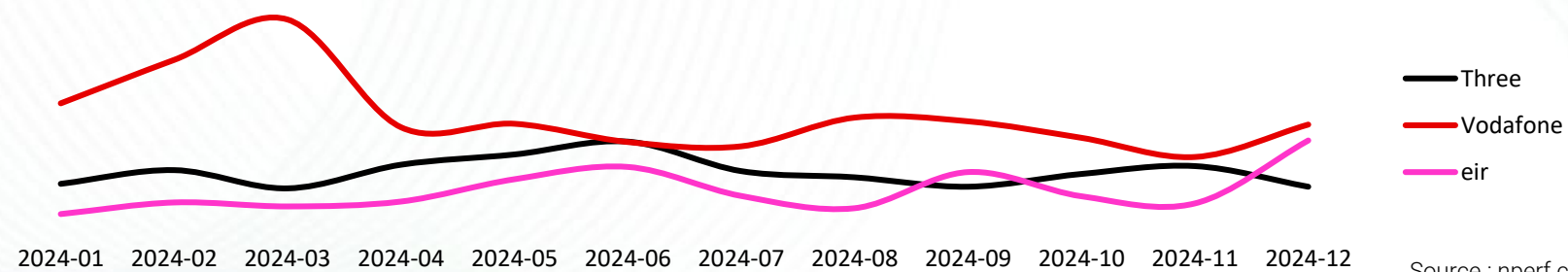


Idle Time



Source : nperf.com

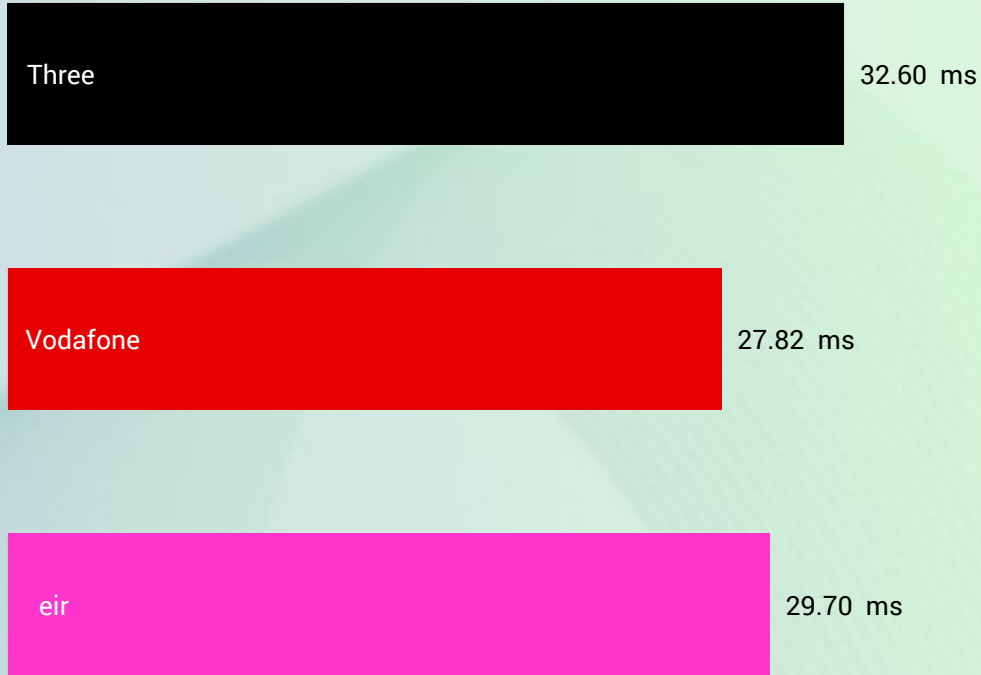
Upload Speed evolution over the year (average)



Source : nperf.com



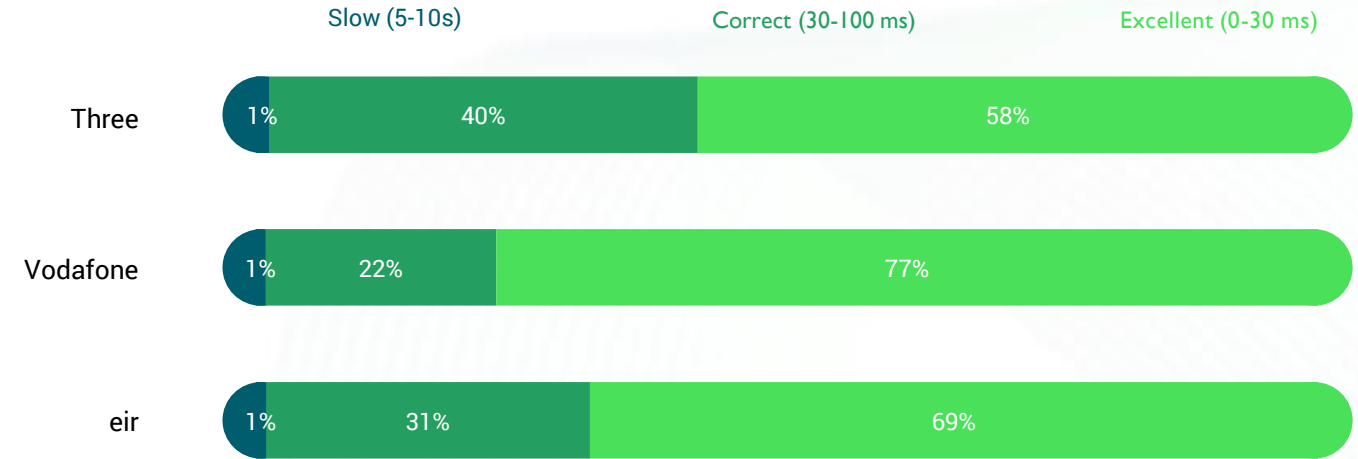
Latency Speed (average)



Source : nperf.com

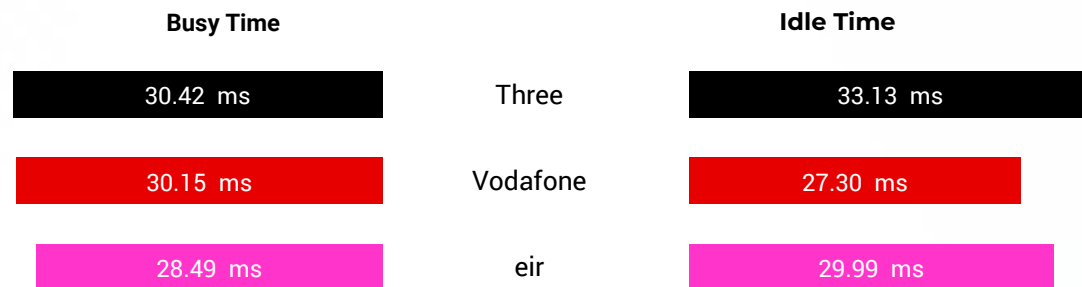
The subscribers of Vodafone enjoyed the best average mobile Internet latency speed in 2024.

Latency Speed results ventilation (average)



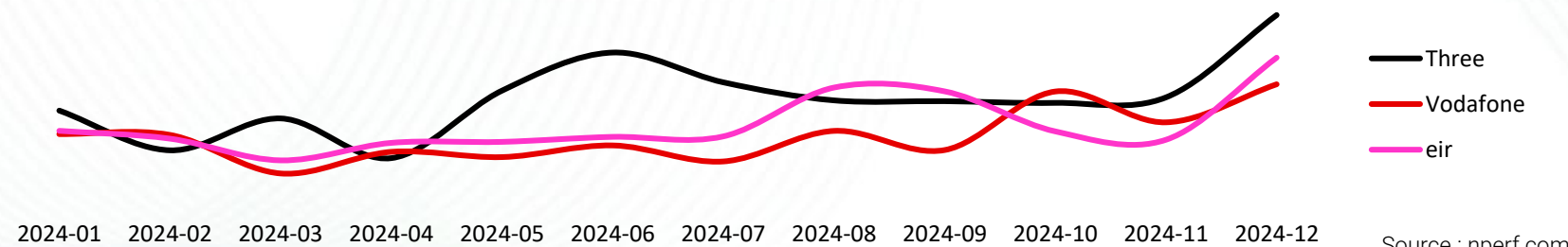
Source : nperf.com

Latency Speed (average)



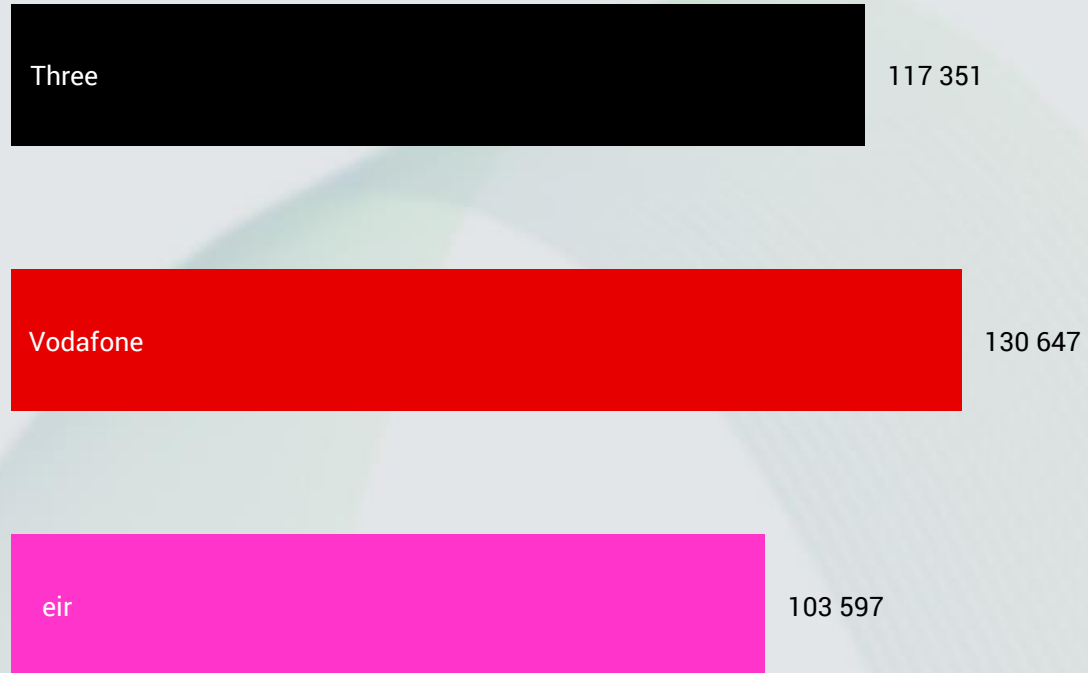
Source : nperf.com

Latency Speed evolution over the year (average)



Source : nperf.com

nPerf Score (nPoints)

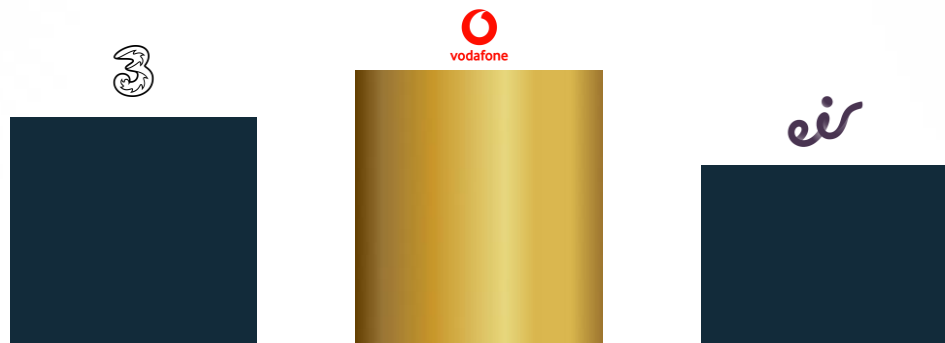


Source : nperf.com

The subscribers of Vodafone enjoyed the best 5G Internet performances in 2024.

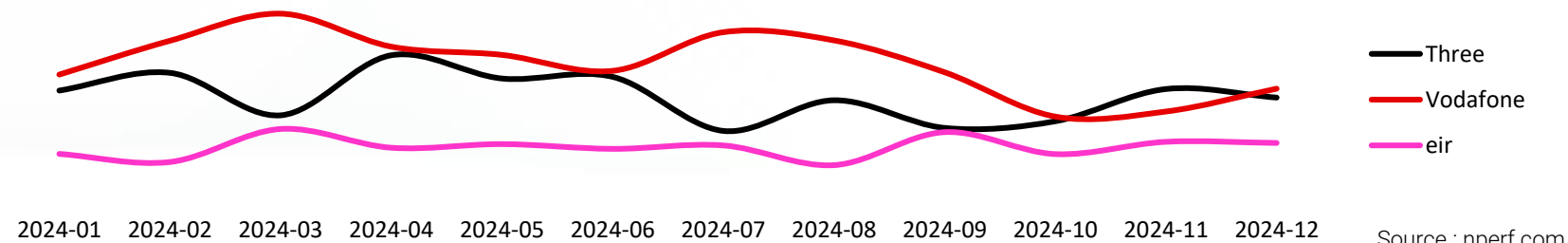
- Best performances 5G: Vodafone
- Best web browsing performances 5G: Vodafone
- Best video streaming performances 5G: Vodafone
- Fastest performances (Download) 5G: Vodafone
- Fastest performances (Upload) 5G: Vodafone
- 5G connections with the lowest latency: Vodafone

Source : nperf.com



Source : nperf.com

nPerf score evolution over the year (average)



Source : nperf.com

nPerf Score (nPoints)



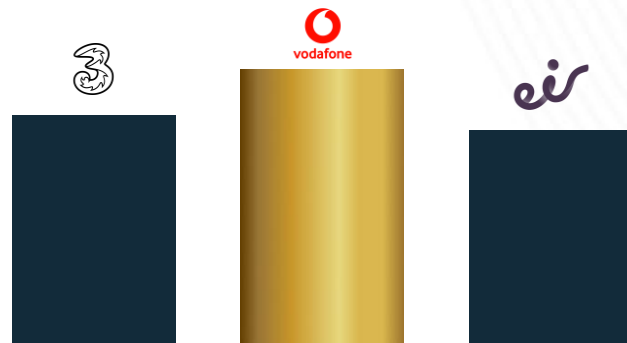
Source : nperf.com

The subscribers of Vodafone enjoyed the best mobile Internet performances in 2024.

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.

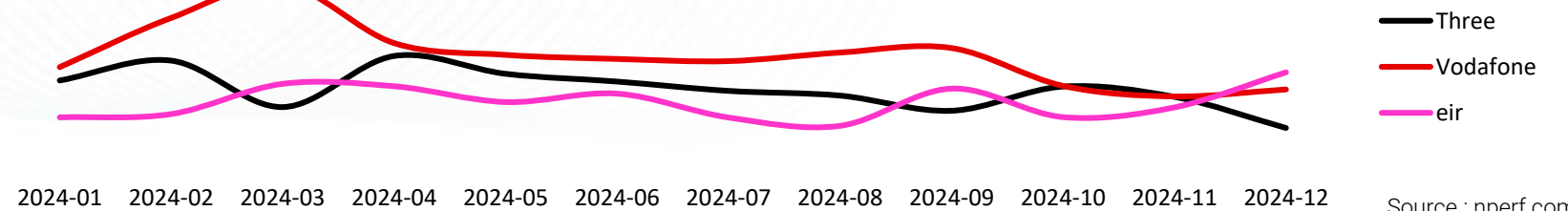
Source : nperf.com


Best mobile Internet performance in 2024



Source : nperf.com

nPerf score evolution over the year (average)



Source : nperf.com

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