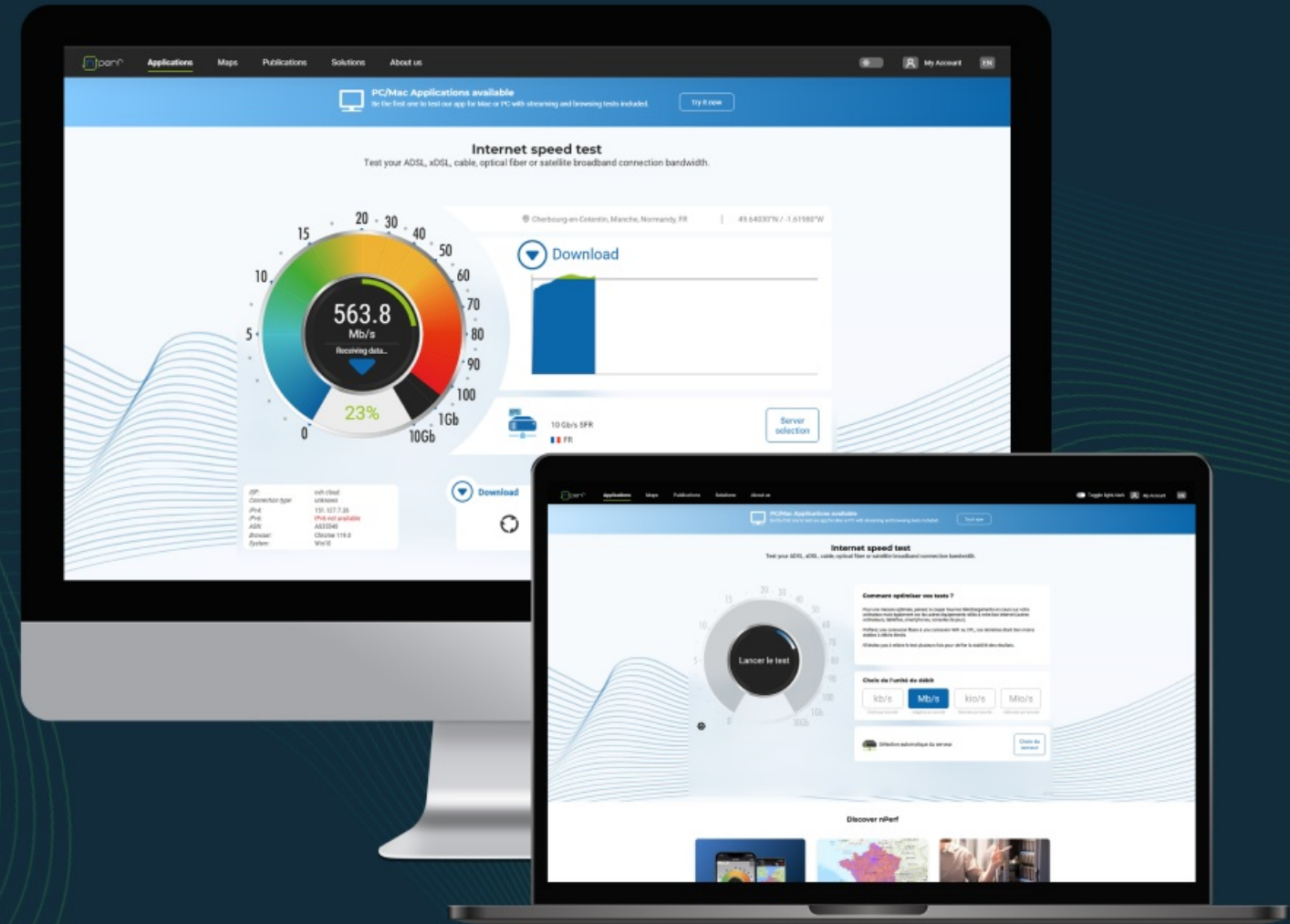




# Barometer of fixed Internet Connections in Ireland.

01/01/2023 - 31/12/2023



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**nPerf Network  
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## 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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 **300k+** tests daily worldwide.

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

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

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## 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 eir and Virgin Media enjoyed the best fixed Internet performances in Ireland during 2023.

### Fixed Internet connections in Ireland

	eir	Sky	Three	Virgin Media	Vodafone
▼ Download bitrates (Mb/s)	172.72	128.32	75.85	241.54	135.01
▲ Upload bitrates (Mb/s)	49.64	32.16	50.23	43.52	44.48
◀▶ Latency (ms)	19.96	24.79	27.40	27.97	34.57

nPerf Score (nPoints)	145 779	133 657	126 957	143 660	130 613
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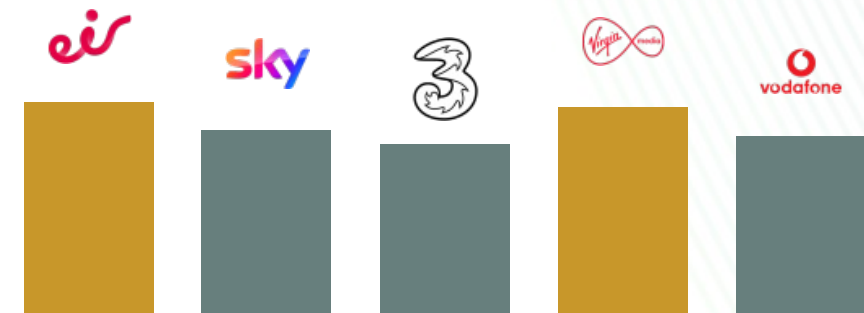
Source : nperf.com



Best fixed Internet performance in 2023



Source : nperf.com



Source : nperf.com



### Virgin Media and Eir: A Duel of Titans

In the competitive landscape of Ireland's fixed broadband market, Virgin Media and Eir emerge as joint frontrunners, each showcasing exceptional strengths that cater to the diverse needs of Irish consumers.

Virgin Media and Eir are neck and neck in the race for supremacy, with Virgin Media boasting an impressive download speed of 241.54 Mb/s, closely matched by Eir's formidable 172.72 Mb/s. While Virgin Media takes the lead in raw download throughput, Eir counters with a robust upload speed of 49.64 Mb/s, surpassing Virgin's 43.52 Mb/s. This equilibrium in performance establishes both as top choices for users with high demands for both download and upload activities, from streaming high-definition content to engaging in extensive online gaming and content creation.

Latency, a critical factor for real-time applications, presents a more nuanced battleground. Eir offers a more responsive experience with a latency of 19.96 ms, edging out Virgin Media's 27.97 ms. This advantage may tip the scales for users prioritizing online gaming or video conferencing, where lower latency is paramount. However, Virgin Media compensates with a slightly higher nPerf score of 143660 points, against Eir's 145779, indicating a closely contested overall service quality.

### Sky: In the middle of the pack

Sky provides reliable internet with a download speed of 128.32 Mb/s and an upload speed of 32.16 Mb/s, fitting for family use and moderate internet needs. Its latency of 24.79 ms ensures a smooth browsing and streaming experience. The nPerf score of 133657 reflects Sky's commitment to consistent and user-friendly service.

### Vodafone: the balanced provider

Vodafone offers a balanced experience with a download speed of 135.01 Mb/s and an upload speed of 44.48 Mb/s, suitable for a wide range of online activities. Although its latency is higher at 34.57 ms, it still provides a satisfactory internet experience. With a nPerf score of 130613, Vodafone is recognized for its solid performance and versatility.

### Three: the uploader's favorite

Three is unique for its impressive upload speed of 50.23 Mb/s, the highest among competitors, catering especially to users who frequently upload videos or use cloud services. While its download speed is lower at 75.85 Mb/s, it's adequate for general internet use. A latency of 27.4 ms supports a decent online experience, backed by a nPerf score of 126957, making Three a go-to for upload-intensive users.

## 4. Methodology



nPerf provides a **free tool 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.

For fixed connections, 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 from the nPerf server. The highest the measured value, the best is the bitrate of your connection.

### ◀▶ Latency (ping) :

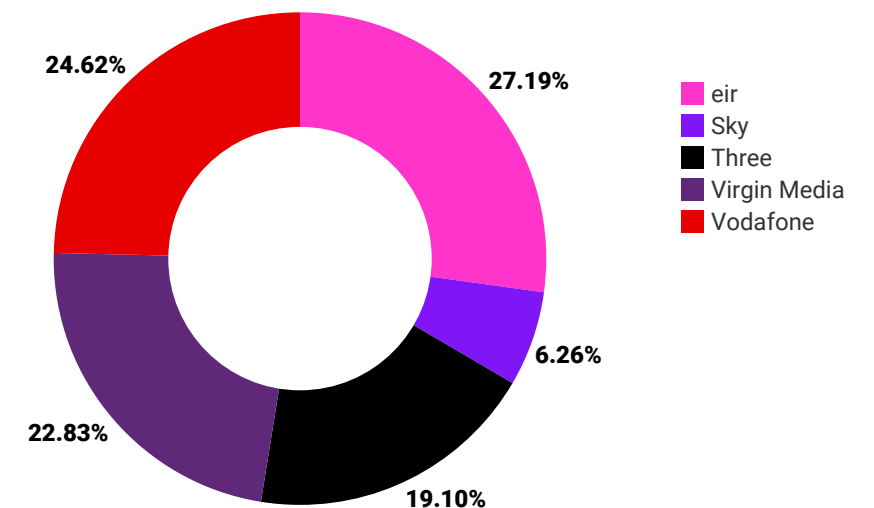
It indicated the delay a small packet of data requires to make a round-trip from your computer to the nPerf server. The shorter the delay, the most reactive your connection is. The main is the minimum value.

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 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)

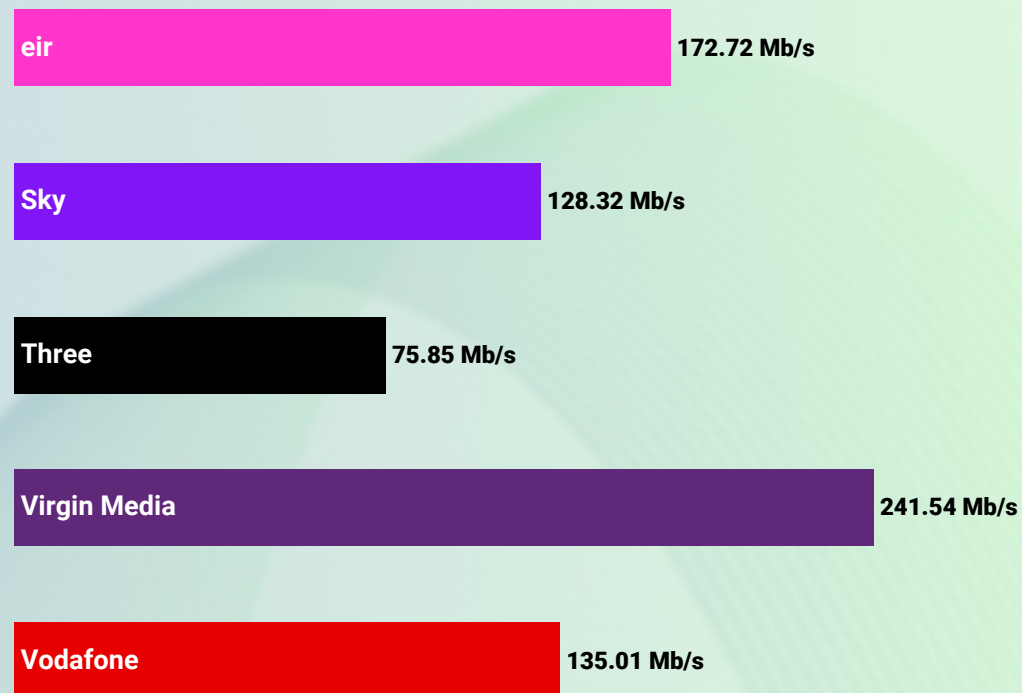


Source : nperf.com





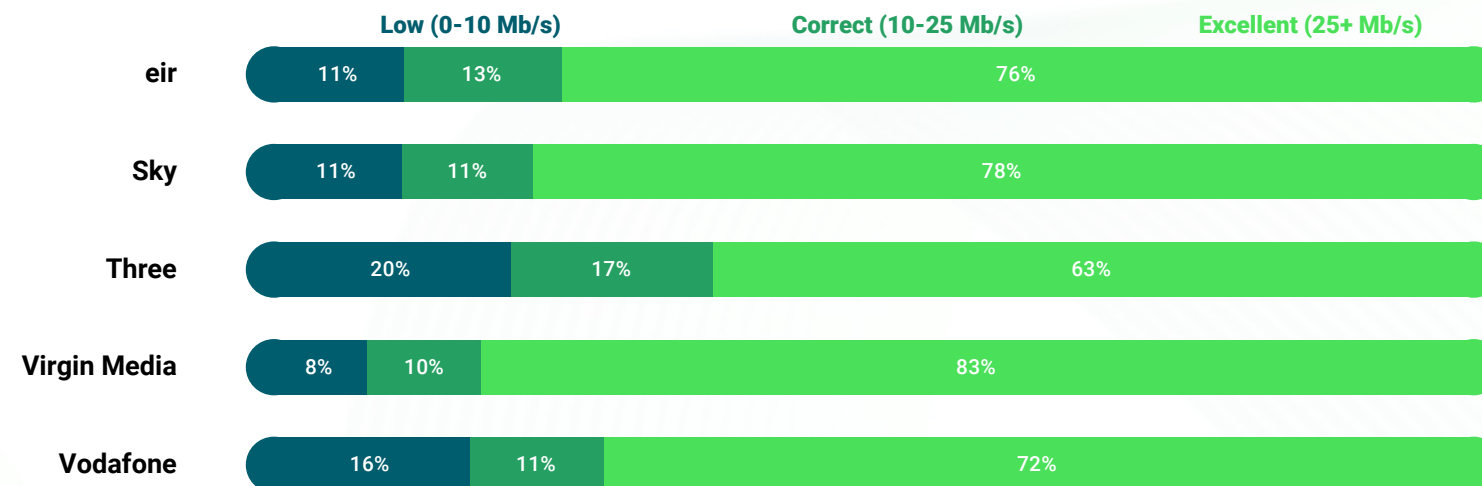
## Download Speed (average)



Source : nperf.com

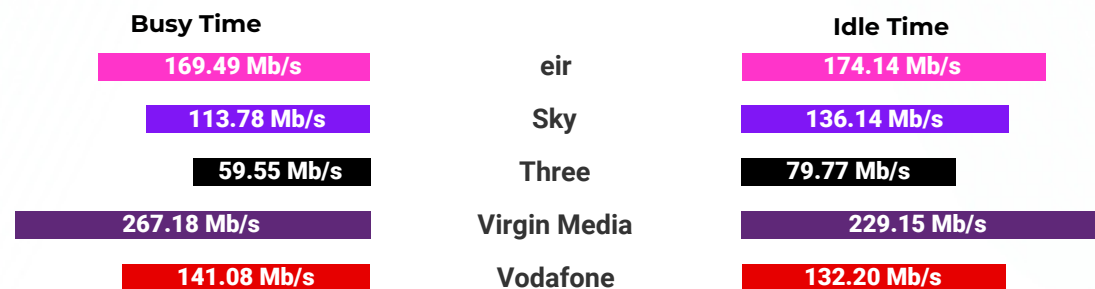
### The subscribers of Virgin Media enjoyed the best average broadband download speed in 2023.

## Download Speed results ventilation (average)



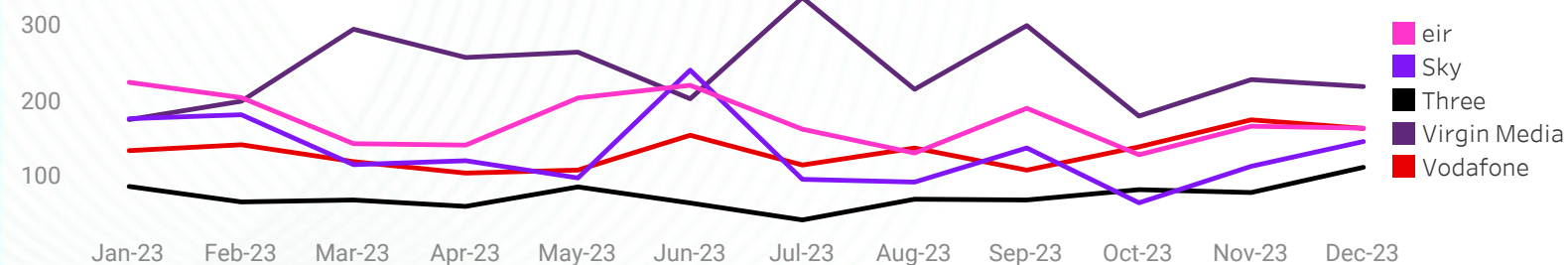
Source : nperf.com

## Download Speed (average)



Source : nperf.com

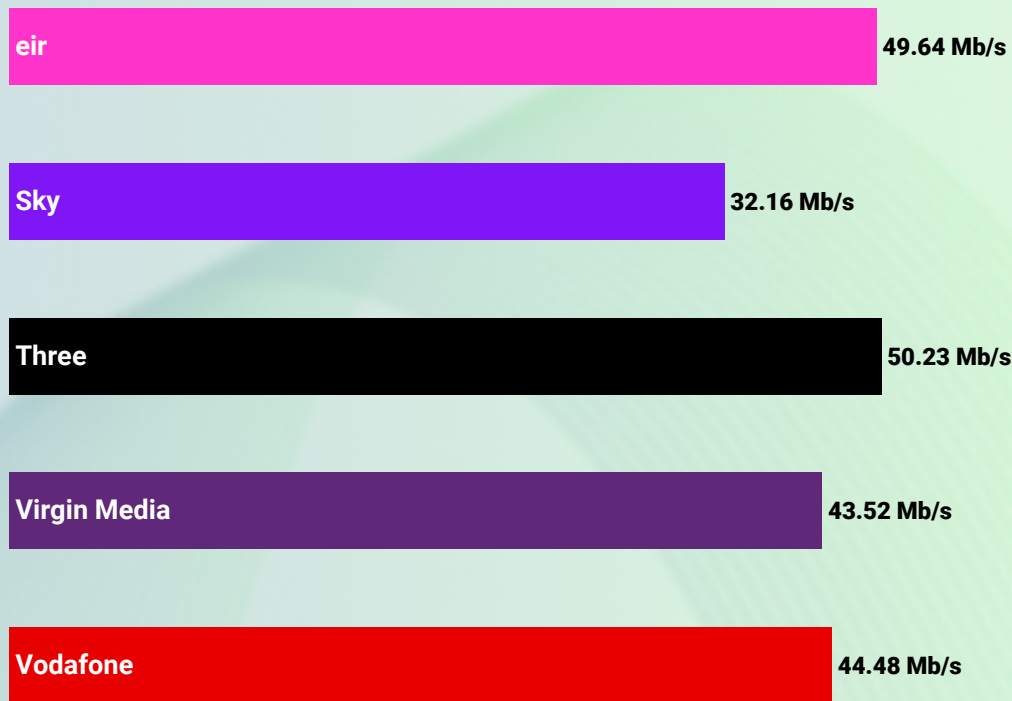
## Download Speed evolution over the year (average)



Source : nperf.com



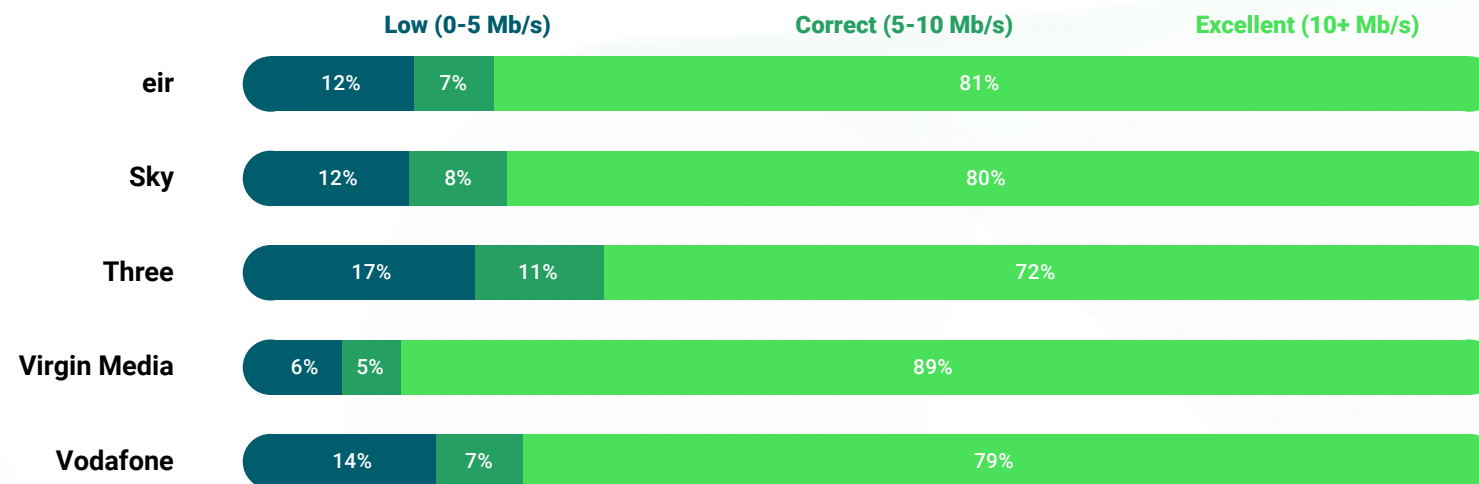
## Upload Speed (average )



Source : nperf.com

The subscribers of Three and eir enjoyed the best average broadband upload speed in 2023.

## Upload Speed results ventilation (average)



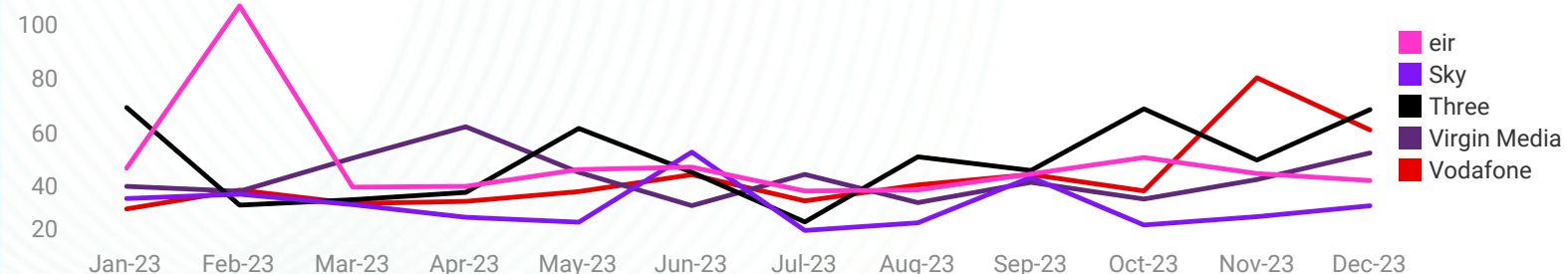
Source : nperf.com

## Upload Speed (average)



Source : nperf.com

## Upload Speed evolution over the year (average)

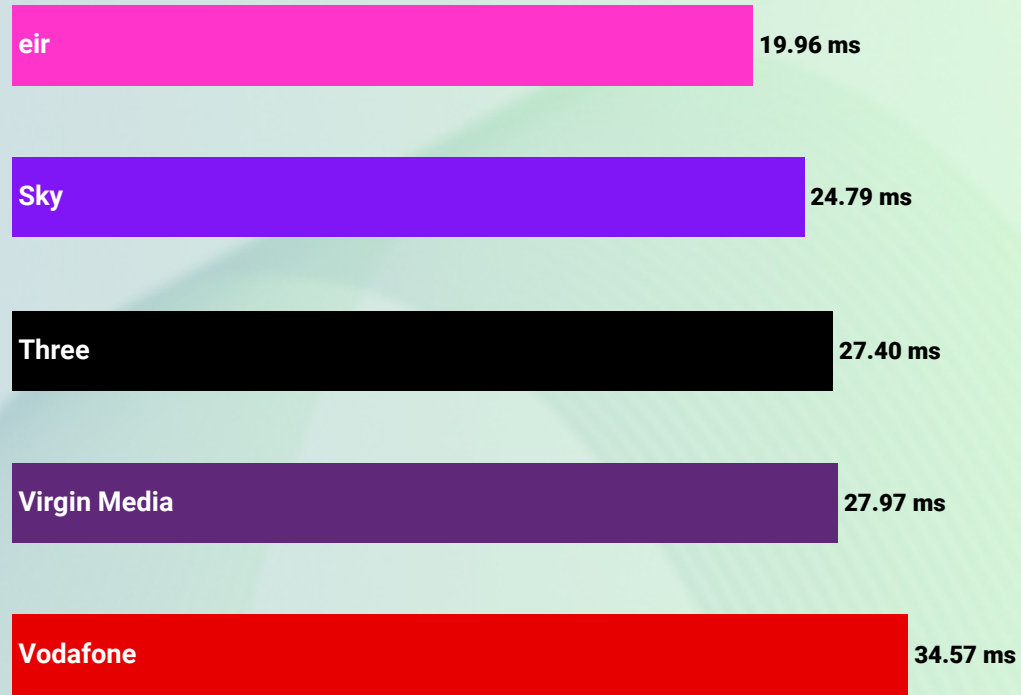


Source : nperf.com





## Latency Speed (average)



Source : nperf.com

### The subscribers of eir enjoyed the best average broadband latency in 2023.

## Latency Speed results ventilation (average)



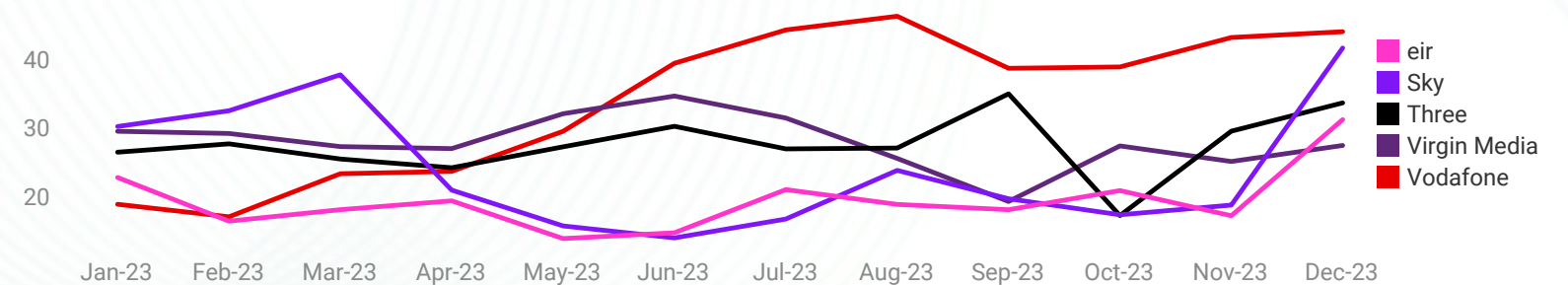
Source : nperf.com

## Latency Speed (average)



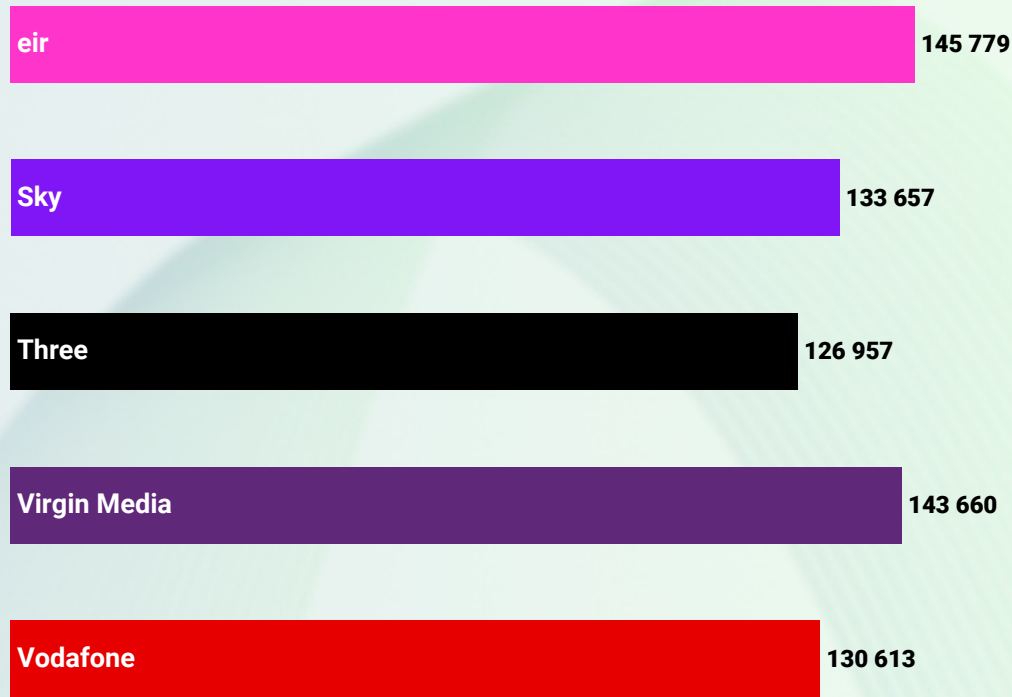
Source : nperf.com

## Average latency Speed evolution over the year



Source : nperf.com

## nPerf Score (nPoints)



Source : nperf.com

The subscribers of eir and Virgin Media enjoyed the best fixed Internet performances in Ireland during 2023.

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

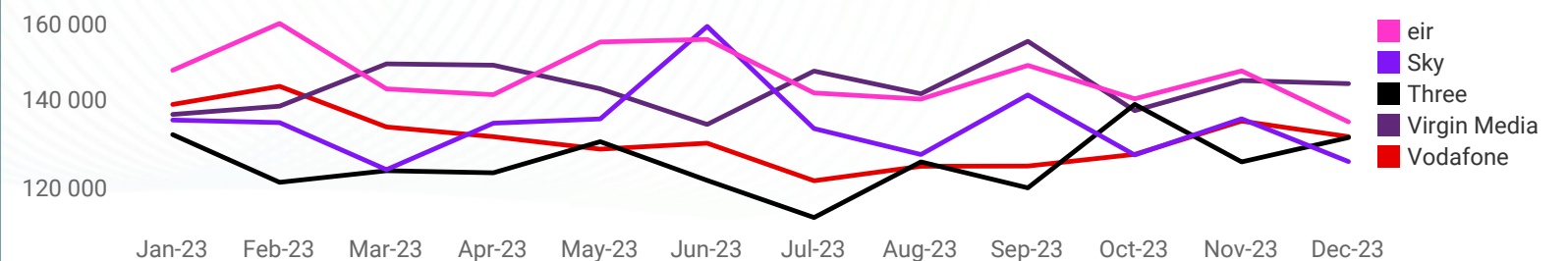


Best fixed Internet performance in 2023



Source : nperf.com

## nPerf score evolution over the year (average)



Source : nperf.com





We qualify your connection