

07/18/2025

Barometer of mobile Internet connections in Singapore

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.



300k+ tests daily
worldwide.



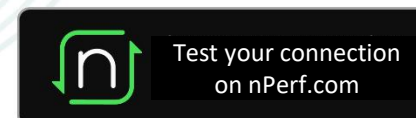
26Md+ coverage
scans in total.



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 Starhub enjoyed the best mobile Internet performances in 2025.

Mobile Internet connections in Singapore

	MobileOne	SIMBA	SingTel	Starhub
▼ Download bitrates (Mb/s)	162.46	30.06	236.80	224.86
▲ Upload bitrates (Mb/s)	22.99	5.96	29.87	28.66
◀▶ Latency (ms)	23.06	37.31	26.27	22.62
🌐 Web browsing (%)	64.26	57.88	69.93	69.62
🎬 Youtube streaming (%)	82.04	78.77	73.56	85.67
📶 nPerf Score (nPoints)	99 568	61 389	101 596	111 283

Source : nPerf.com



Best mobile Internet performance
in 2025









Source : nPerf.com



Source : nPerf.com

The subscribers of Starhub enjoyed the best 5G Internet performances in Singapore in 2025.

5G mobile Internet connections in Singapore

	MobileOne	SIMBA	SingTel	Starhub
 Download bitrates (Mb/s)	380.42	40.62	339.75	382.62
 Upload bitrates (Mb/s)	33.38	8.24	36.11	39.73
 Latency (ms)	18.42	33.90	24.54	16.98
 Web browsing (%)	71.66	61.85	73.95	75.06
 Youtube streaming (%)	87.92	82.19	71.10	89.19
 nPerf Score (nPoints)	124 855	71 210	108 853	130 817

Source : nPerf.com

Introduction

In Singapore's mobile internet sector, operators demonstrate strong performance across key metrics. The average nPerf score in the country reflects the high quality of mobile connectivity available to users. Starhub maintains its position as the overall sector leader for the second consecutive year. In the 5G segment, Starhub also holds the top position. Looking at specific performance indicators, SingTel leads in download and upload speeds, while Starhub excels in latency. For browsing quality, SingTel and Starhub share the first place, while Starhub provides the best video streaming experience.

Starhub: Consistent Performance Across Multiple Metrics

With 111,283 nPoints, Starhub secures the first place in the overall ranking. The operator maintains its leadership in the 5G segment and delivers the best latency performance (22.6 ms), facilitating responsive online gaming and real-time communications. Starhub also offers the best video streaming experience (85.7%), allowing users to enjoy smooth viewing of online content. The operator shares the top position in browsing performance with SingTel. Starhub has achieved significant improvements in several areas, with download speeds increasing by 27% and upload speeds by 26.8%.

SingTel: Superior Data Transfer Capabilities

SingTel ranks second with 101,596 nPoints and stands out with the highest download speeds (236.8 Mbps), ideal for quickly retrieving large files and enjoying high-definition content. The operator also leads in upload performance (29.9 Mbps),

providing users with efficient video conferencing and content sharing capabilities. SingTel shares the first place with Starhub for browsing quality (69.9%), ensuring smooth web navigation. The operator has made impressive progress, with download speeds improving by 41.8% and upload speeds by 12%.

MobileOne: Good Performance

Scoring 99,568 nPoints, MobileOne delivers good overall performance. The operator shows particular strength in certain areas and has made notable improvements over the past year. MobileOne's download speeds have increased by 16.2% and upload speeds by 17.1%, demonstrating a commitment to enhancing service quality. The operator offers reliable connectivity that supports everyday mobile internet usage.

SIMBA: Emerging Competitor

With 61,389 nPoints, SIMBA provides an alternative option in Singapore's mobile internet sector. While the operator's performance metrics are more modest compared to the sector leaders, it contributes to the competitive landscape by offering additional consumer choice.

Conclusion

Starhub maintains its position as the leading mobile operator in Singapore, closely followed by SingTel. The sector shows healthy competition with operators making significant improvements in key performance areas. Singapore's mobile internet landscape offers users multiple high-quality options, with providers continuously enhancing their networks to deliver better speeds and user 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

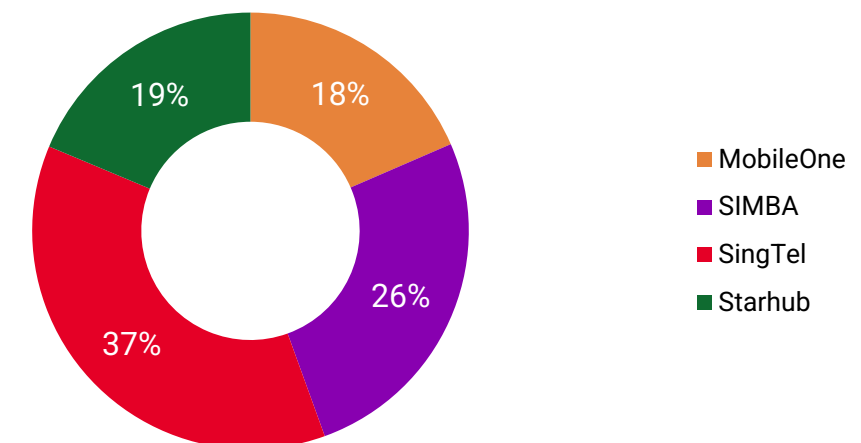
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 3.0% 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.

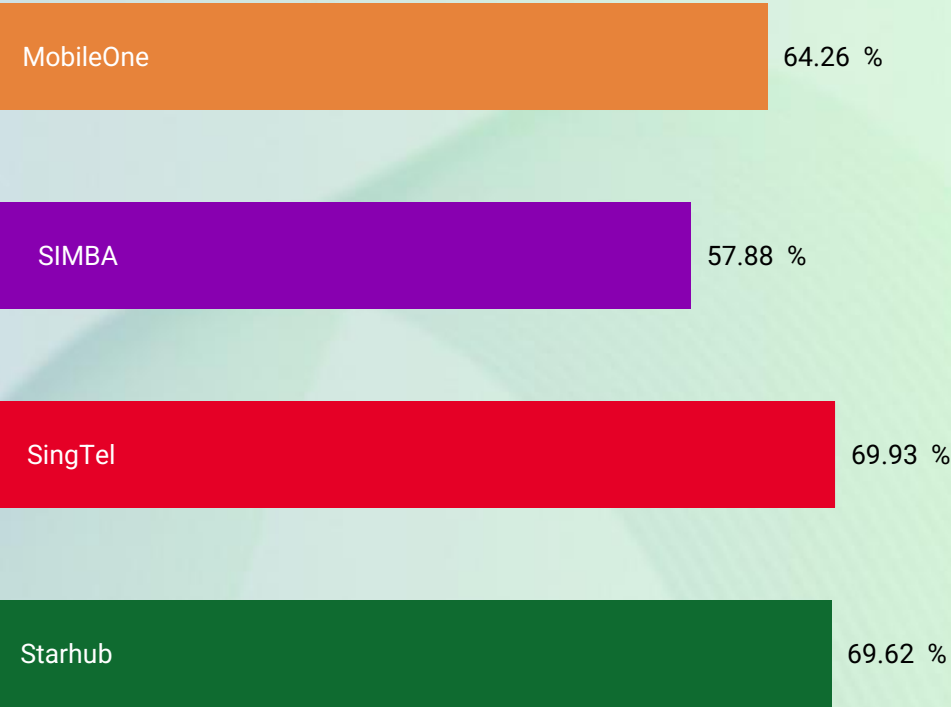
Overall distribution of the tests per provider (ISPs Share)



Source : nPerf.com



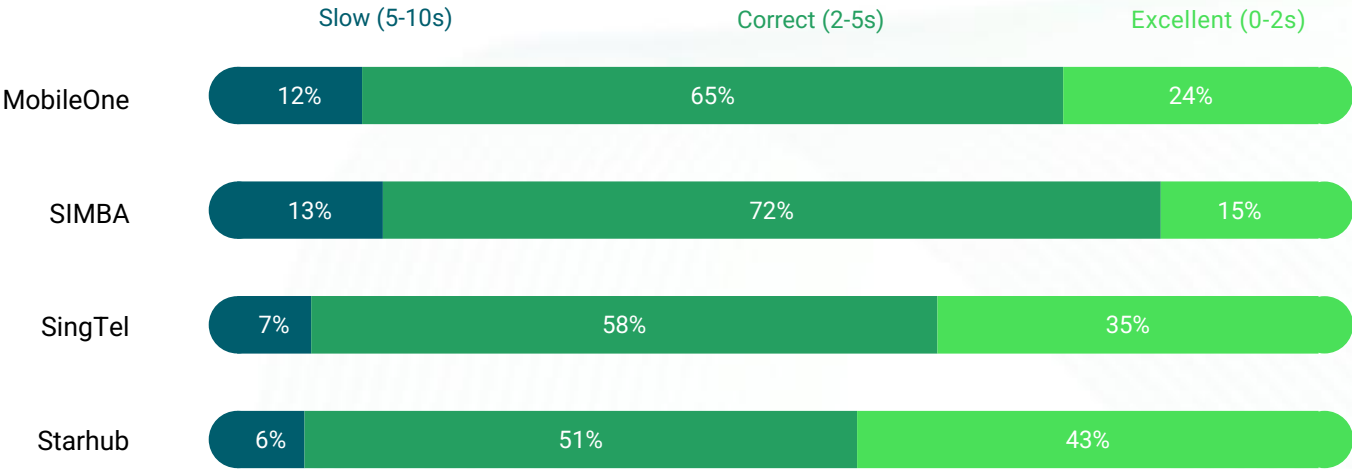
Browsing Performance rate (average)



Source : nPerf.com

The subscribers of SingTel and Starhub enjoyed the best mobile Internet browsing performance in 2025.

Browsing Performance results ventilation (average)



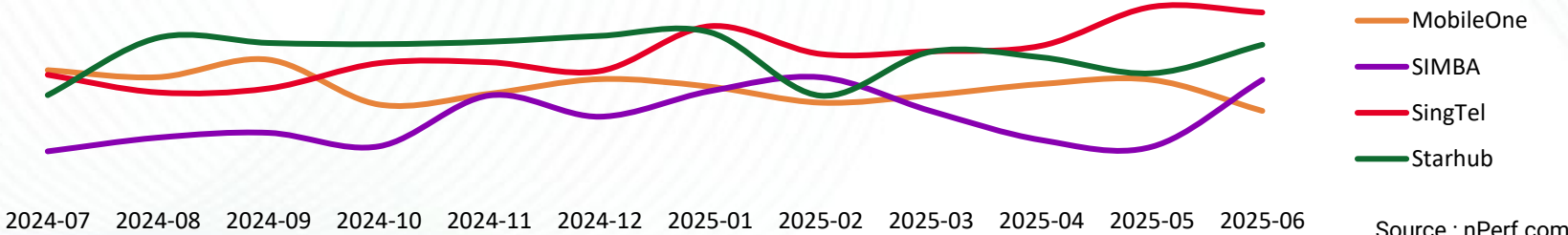
Source : nPerf.com

Browsing Performance rate (average)



Source : nPerf.com

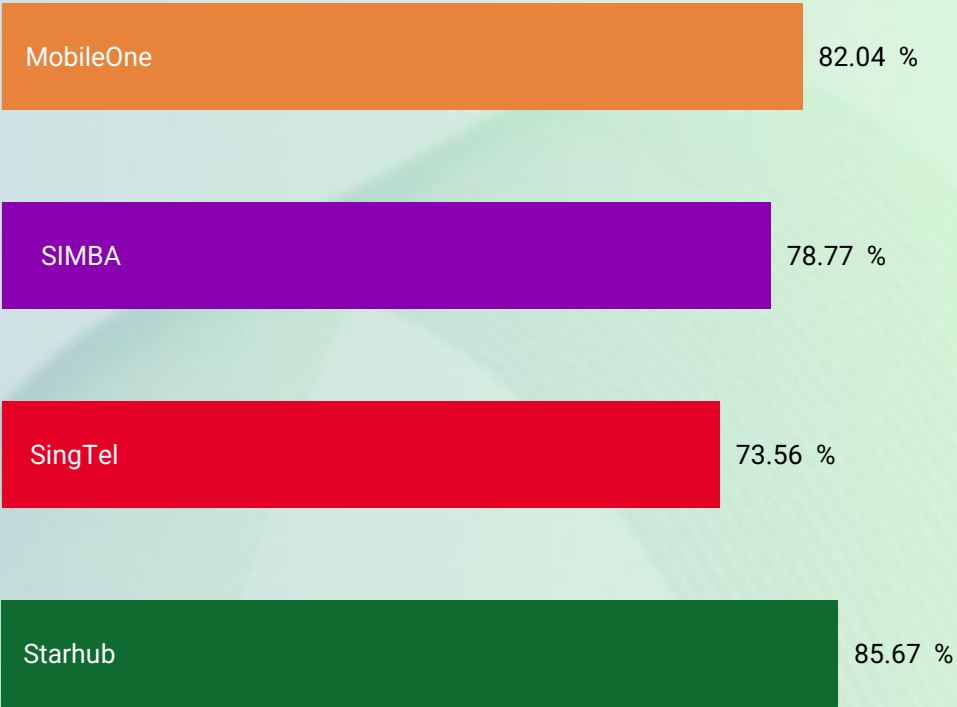
Browsing performance rate (average) evolution over the year



Source : nPerf.com



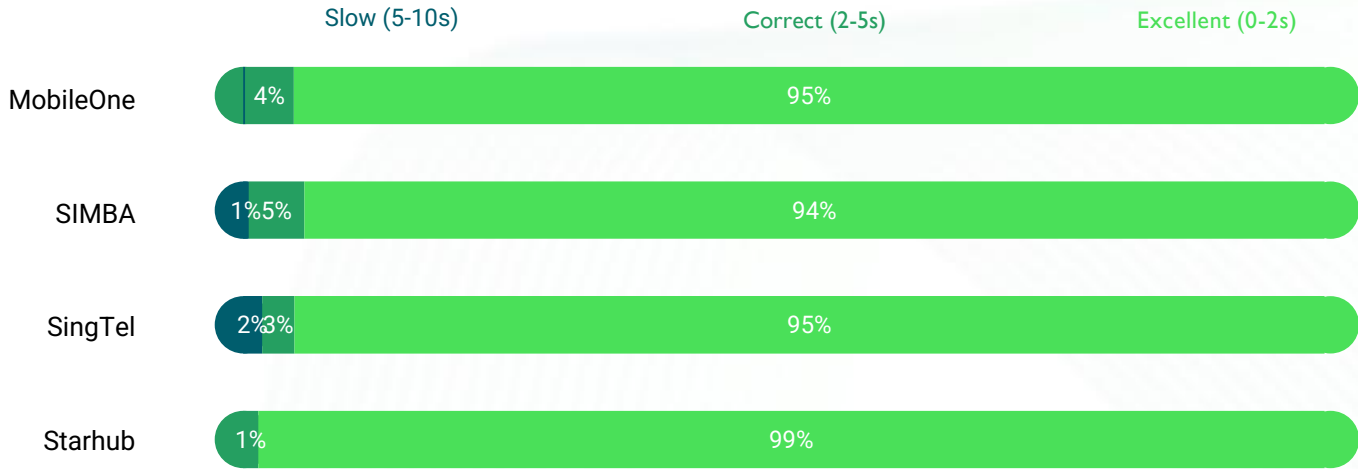
Streaming Performance rate (average)



Source : nPerf.com

The subscribers of Starhub enjoyed the best mobile Internet streaming performance in 2025.

Streaming Performance results ventilation (average)



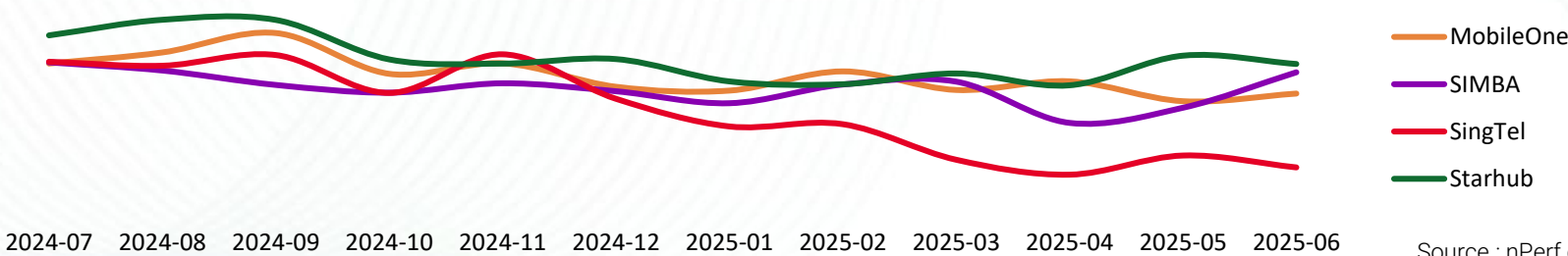
Source : nPerf.com

Streaming Performance rate (average)



Source : nPerf.com

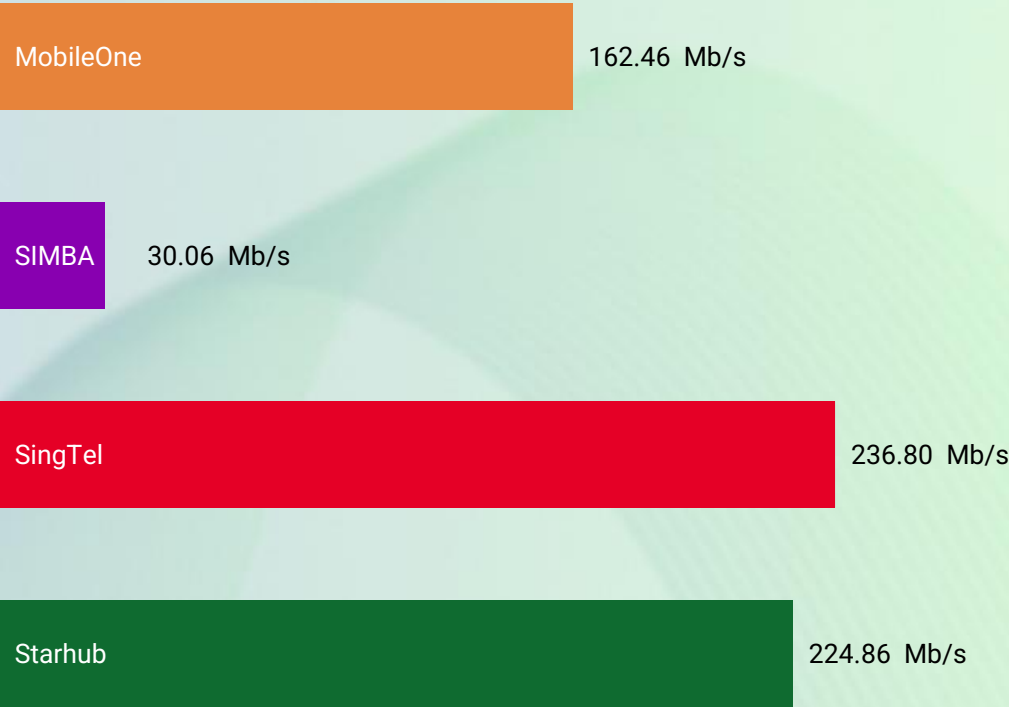
Streaming performance rate (average) evolution over the year



Source : nPerf.com



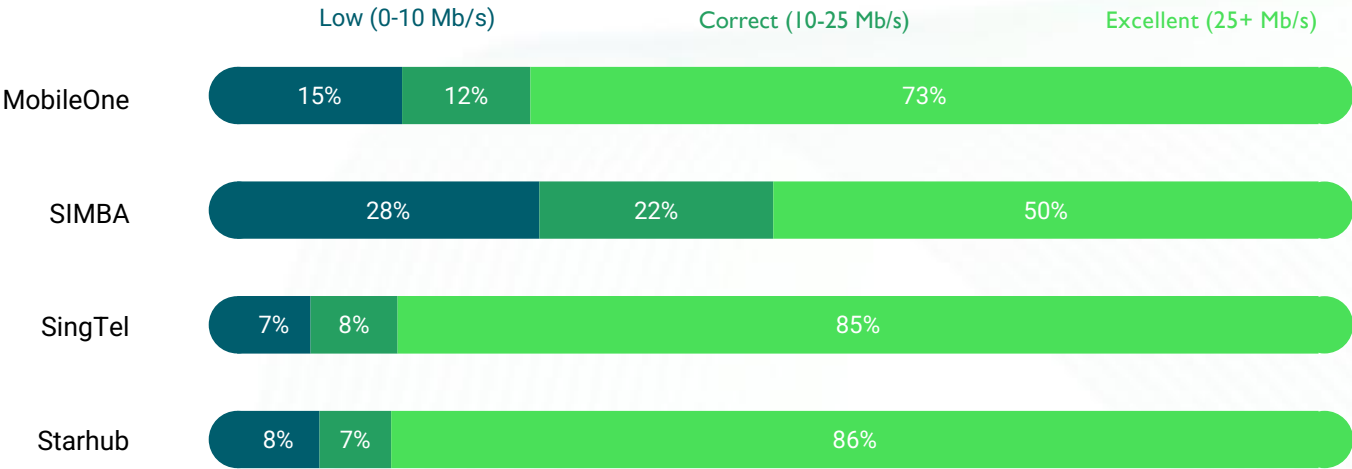
Download Speed (average)



Source : nPerf.com

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

Download Speed results ventilation (average)



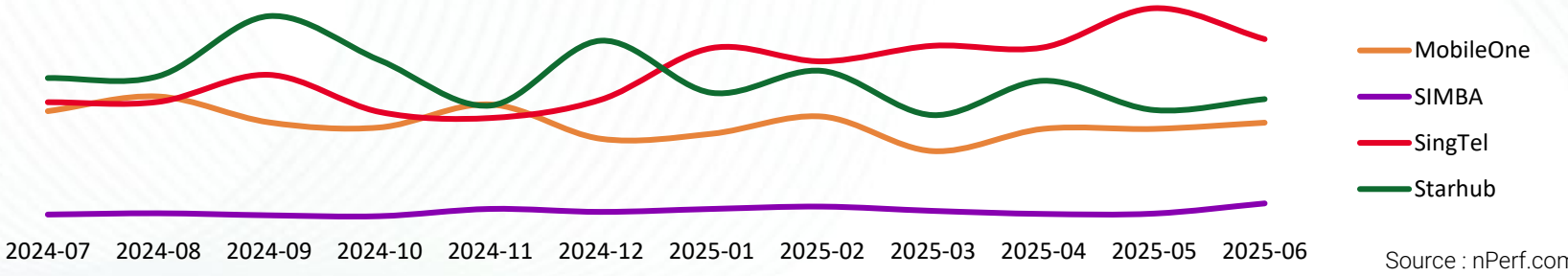
Source : nPerf.com

Download Speed (average)



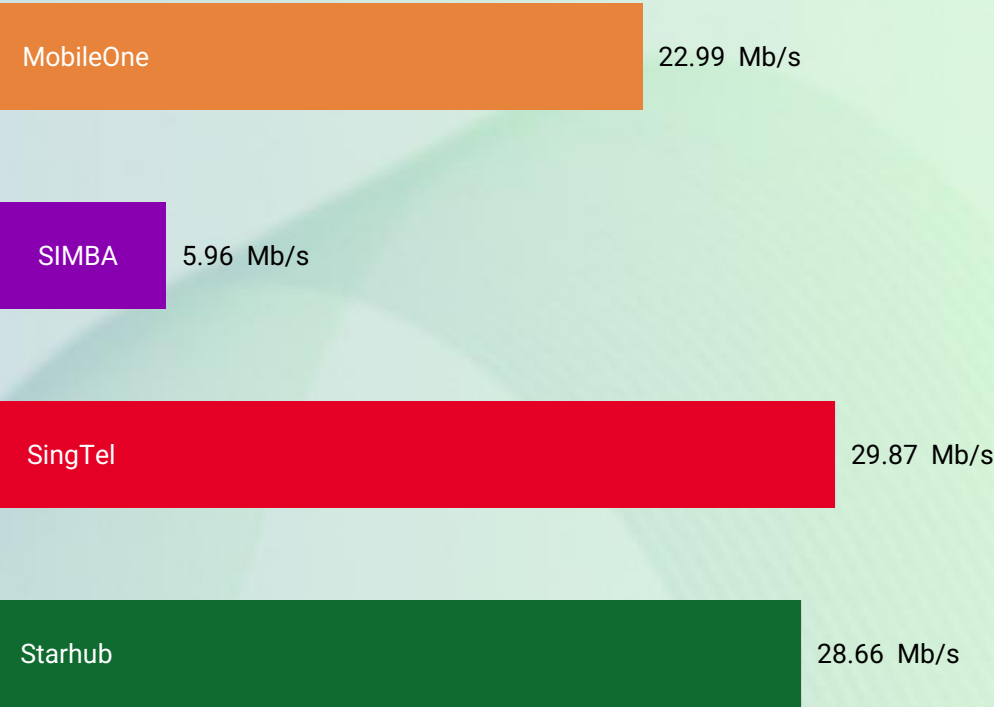
Source : nPerf.com

Download Speed evolution over the year (average)





Upload Speed (average)



Source : nPerf.com

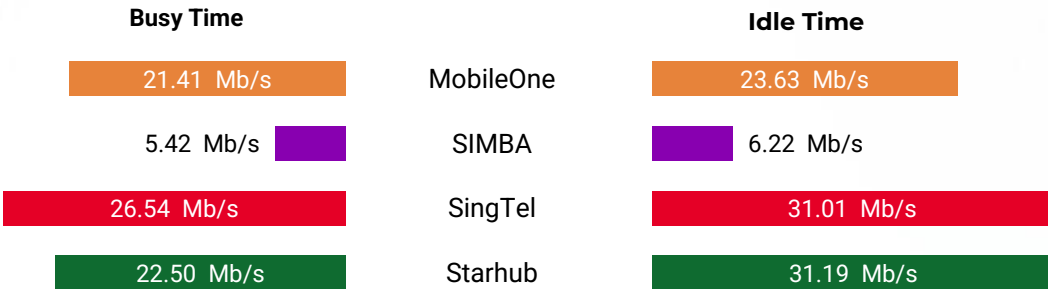
The subscribers of SingTel enjoyed the best average mobile Internet upload speed in 2025.

Upload Speed results ventilation (average)



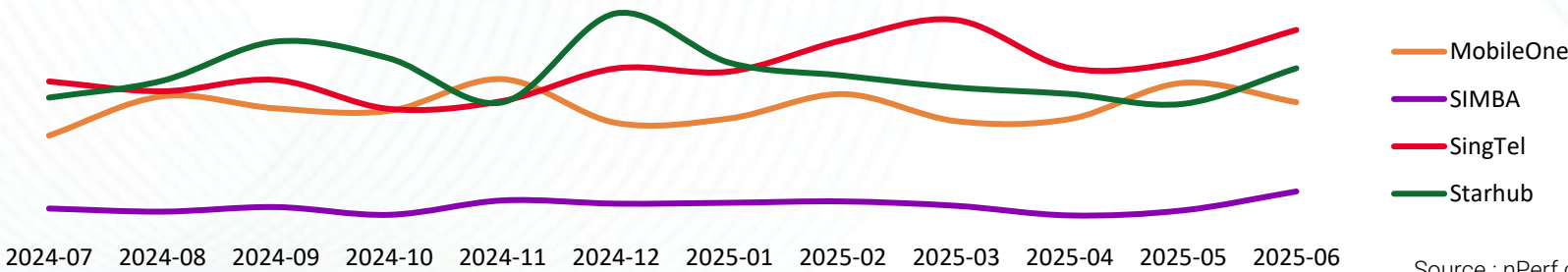
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

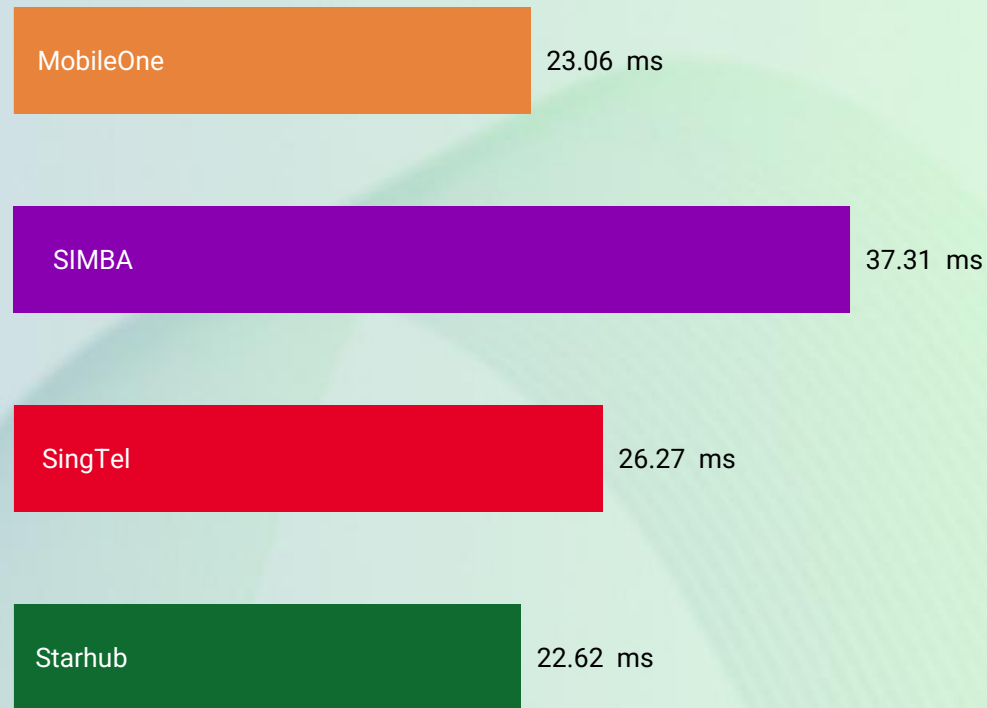
Upload Speed evolution over the year (average)



Source : nPerf.com



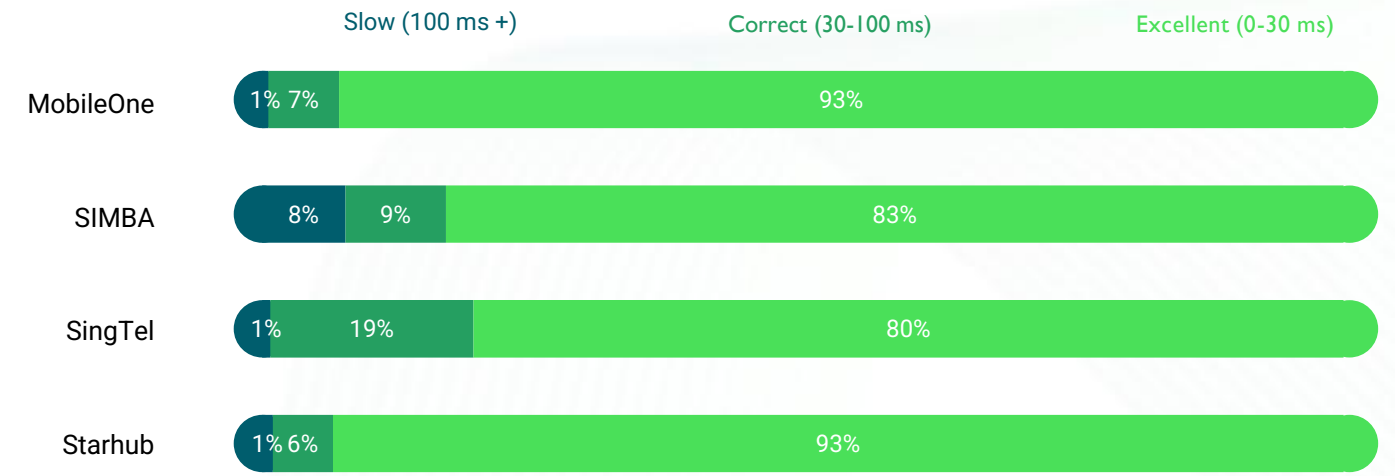
Latency Speed (average)



Source : nPerf.com

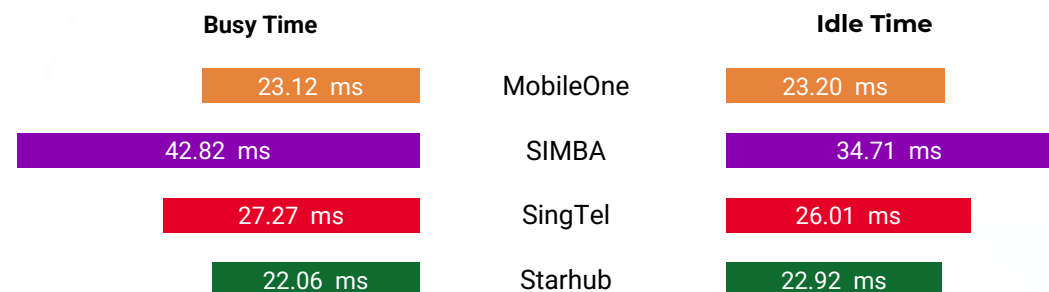
The subscribers of MobileOne and Starhub enjoyed the best average mobile Internet latency speed in 2025.

Latency Speed results ventilation (average)



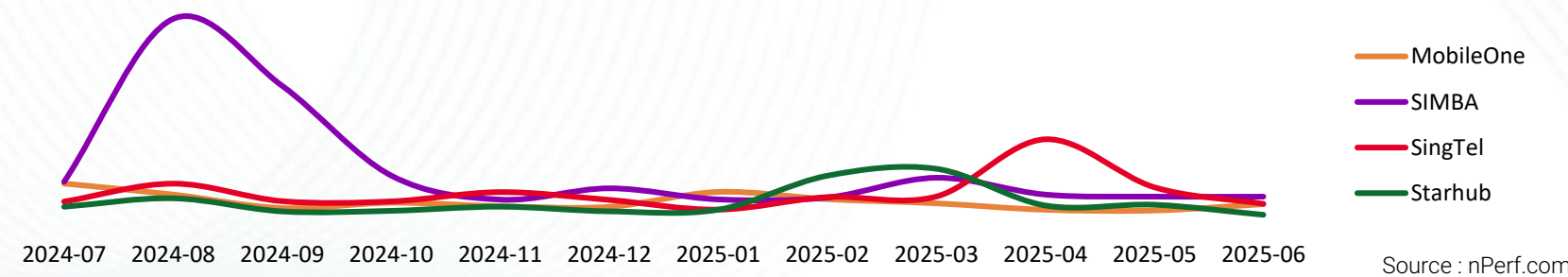
Source : nPerf.com

Latency Speed (average)

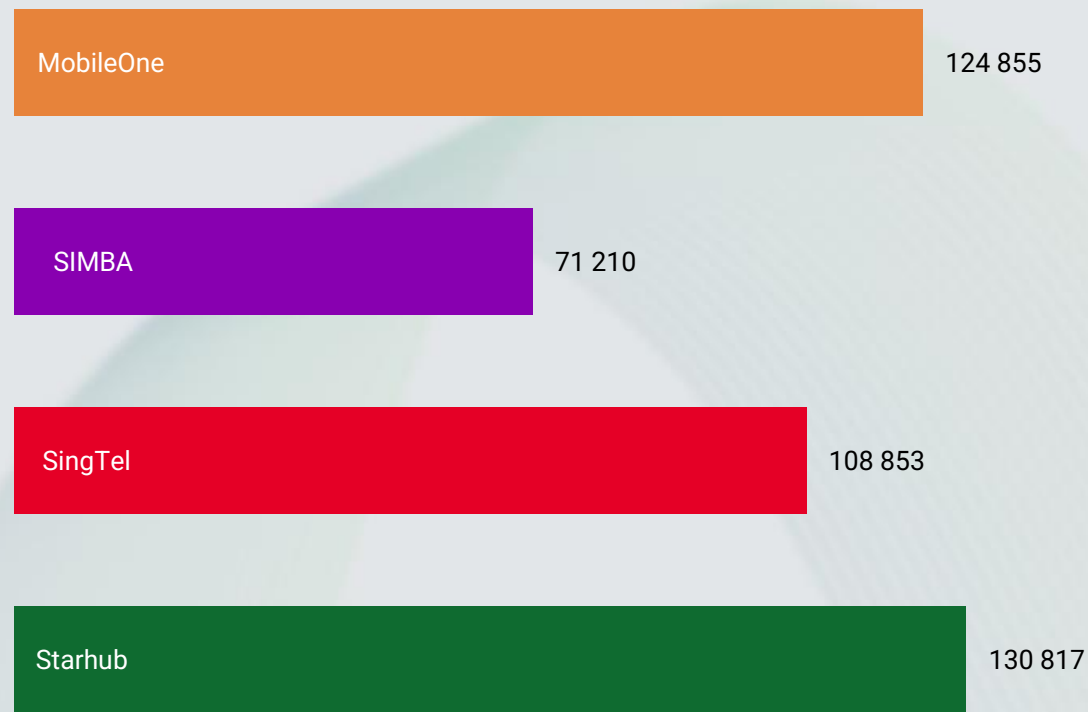


Source : nPerf.com

Latency Speed evolution over the year (average)



nPerf Score (nPoints)

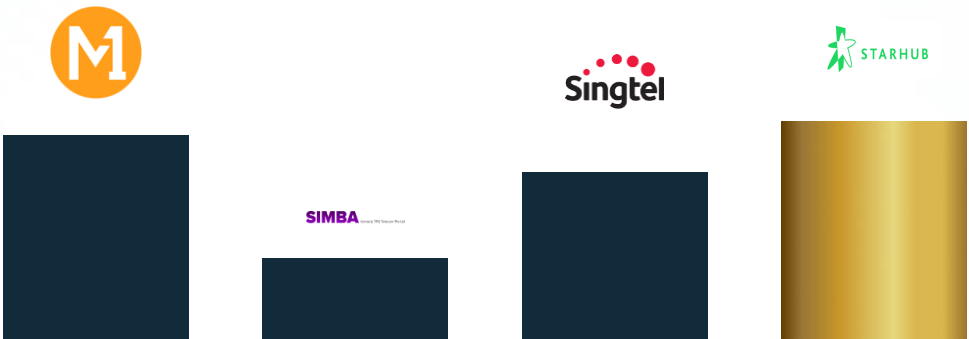


Source : nPerf.com

The subscribers of Starhub enjoyed the best 5G Internet performances in 2025.

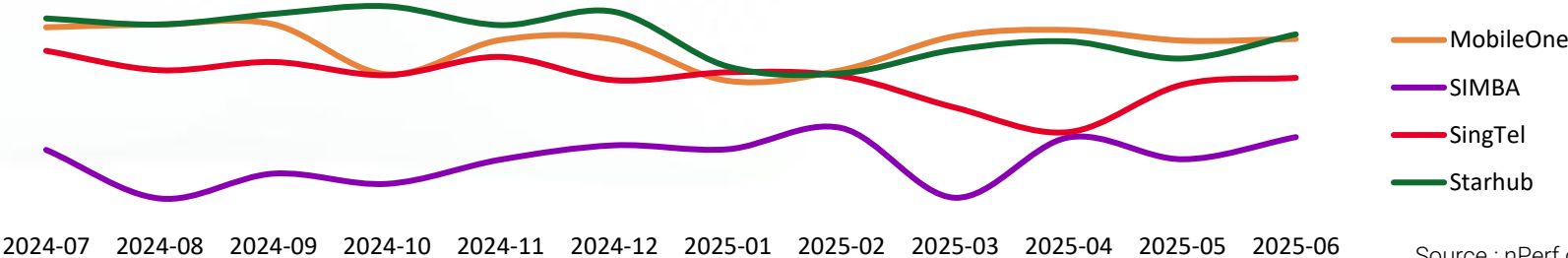
- Best performances 5G: Starhub
- Best web browsing performances 5G: SingTel and Starhub
- Best video streaming performances 5G: MobileOne and Starhub
- Fastest performances (Download) 5G: MobileOne and Starhub
- Fastest performances (Upload) 5G: Starhub
- 5G connections with the lowest latency: Starhub

Source : nPerf.com



Source : nPerf.com

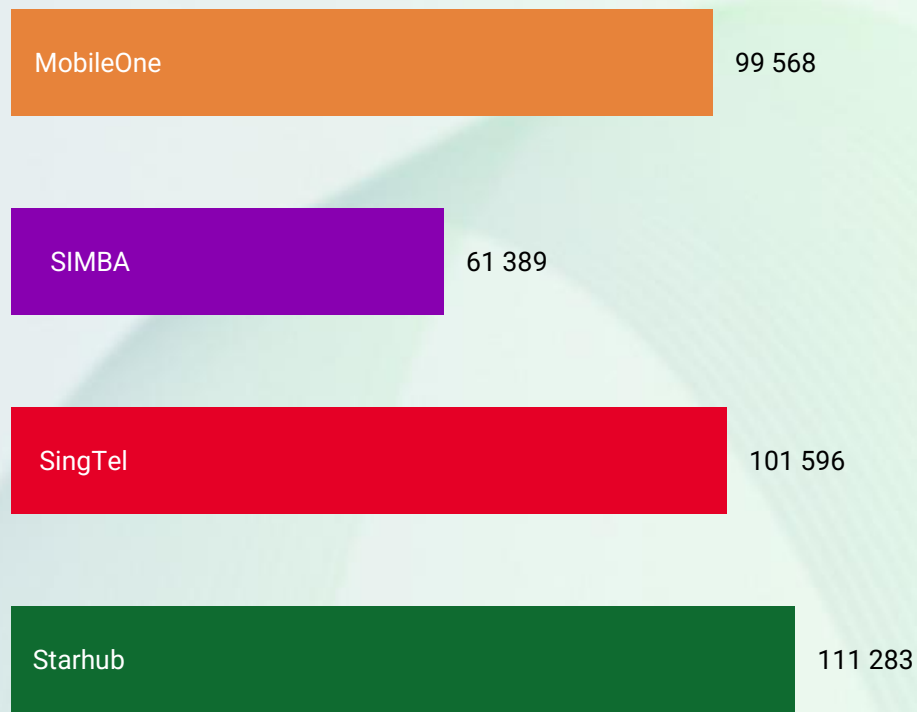
nPerf score evolution over the year (average)



Source : nPerf.com



nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Starhub 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

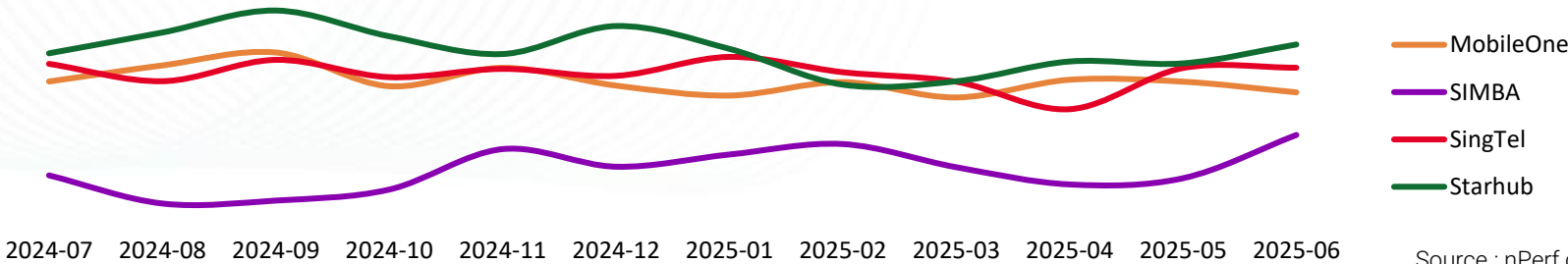


Best mobile Internet performance in 2025



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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