Barometer of mobile Internet connections in Vietnam

07/01/2024 - 06/30/2025

Agenda

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2 Executive summary

3 Analysis

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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.
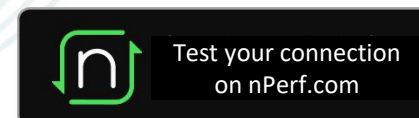
300k+ tests daily worldwide.

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!

Télécharger dans l'App Store

DISPONIBLE SUR Google Play

Test your connection on nPerf.com

The subscribers of Vinaphone enjoyed the best mobile Internet performances in 2025.

Mobile Internet connections in Vietnam

	Mobifone	Viettel	Vinaphone
Download speedss (Mb/s)	59.80	57.31	76.62
Upload speedss (Mb/s)	20.63	17.06	23.76
Latency (ms)	50.96	47.44	42.77
Web browsing (%)	56.37	61.39	55.62
Youtube streaming (%)	82.86	79.30	79.89
nPerf Score (nPoints)	73 129	73 174	76 510

Source : nPerf.com

vinaphone

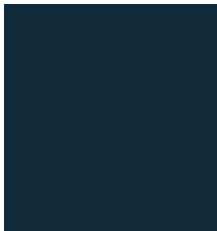**Best mobile Internet performance in 2025**

No.1 MOBILE NETWORK PERFORMANCE nPerf AWARDS

Source : nPerf.com
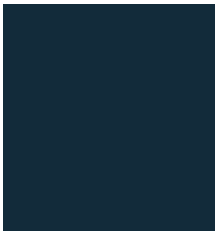
mobifone   viettel telecom   vinaphone
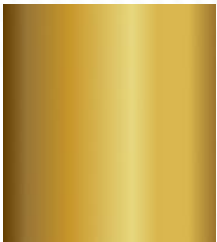
Source : nPerf.com

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

4G mobile Internet connections in Vietnam

	Mobifone	Viettel	Vinaphone
Download speedss (Mb/s)	45.57	44.22	58.27
Upload speedss (Mb/s)	19.23	15.92	22.69
Latency (ms)	52.05	48.97	43.11
Web browsing (%)	57.02	60.64	55.77
Youtube streaming (%)	83.27	78.96	79.99
nPerf Score (nPoints)	70 075	69 031	73 390

Source : nPerf.com

Introduction

The mobile internet sector in Vietnam shows strong competition with three main operators: Vinaphone, Viettel, and Mobifone. With an average nPerf score of 74,271 nPoints across the country, Vietnamese users benefit from good mobile connectivity. Vinaphone maintains its position as the sector leader for the second consecutive year, demonstrating particular strength in 4G technology where it ranks n°1.

Vinaphone: Consistent Leadership with Strong Technical Performance

Vinaphone secures the top position with 76,510 nPoints, maintaining its leadership in the Vietnamese mobile sector. The operator holds the n°1 position in 4G performance, where it demonstrates particularly strong results. Vinaphone achieves the best download speeds (76.6 Mbps) and upload speeds (23.8 Mbps) in the sector, enabling users to enjoy seamless streaming and efficient file sharing. The operator also delivers the most responsive network with the lowest latency (42.8 ms), providing a significant advantage for real-time applications like online gaming and video conferencing. Vinaphone has shown notable improvement in download performance with a 94.5% increase compared to the previous period, reflecting ongoing network enhancements.

Viettel: Solid Browsing Experience and Improved Performance

Viettel places second with 73,174 nPoints, showing good overall performance across multiple metrics. The operator stands out with its n°1 position in browsing performance (61.4%), offering users faster and more reliable webpage loading. Viettel has made significant improvements across several key metrics, with download speeds more than doubling (119.1% increase) and upload speeds improving by 44.2%. The operator's latency

has also improved by 30.4%, enhancing responsiveness for interactive applications. Additionally, Viettel has strengthened its streaming capabilities with an 11.5% improvement, providing better video viewing experiences for its subscribers.

Mobifone: Leading Video Streaming Provider

Mobifone achieves 73,129 nPoints, placing it in close competition with Viettel. The operator distinguishes itself by offering the best video streaming performance (82.9%) in the Vietnamese sector, ensuring smooth and buffer-free viewing of online content. Mobifone has also made substantial progress in its network capabilities, more than doubling its download speeds with a 118.5% improvement and enhancing upload performance by 32.0%. These technical advancements allow Mobifone to deliver a more capable network for data-intensive applications and multimedia content consumption.

Conclusion

Vinaphone maintains its position as the leading mobile operator in Vietnam, though the competition remains tight with all three major providers showing strong performance. The significant improvements across multiple metrics from all operators reflect a healthy, competitive sector that continues to evolve and enhance the mobile internet experience for Vietnamese users. This competitive landscape drives ongoing innovation and network enhancements that benefit consumers across the country.

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.
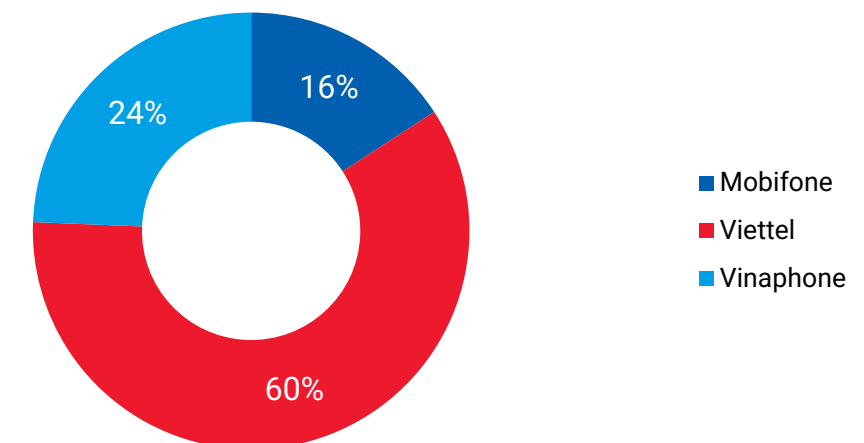
▸▹ Streaming performance

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)

- Mobifone 16%
- Viettel 60%
- Vinaphone 24%

Source : nPerf.com

Quality of Experience : Browsing

Browsing Performance rate (average)

Operator	Rate
Mobifone	56.37 %
Viettel	61.39 %
Vinaphone	55.62 %
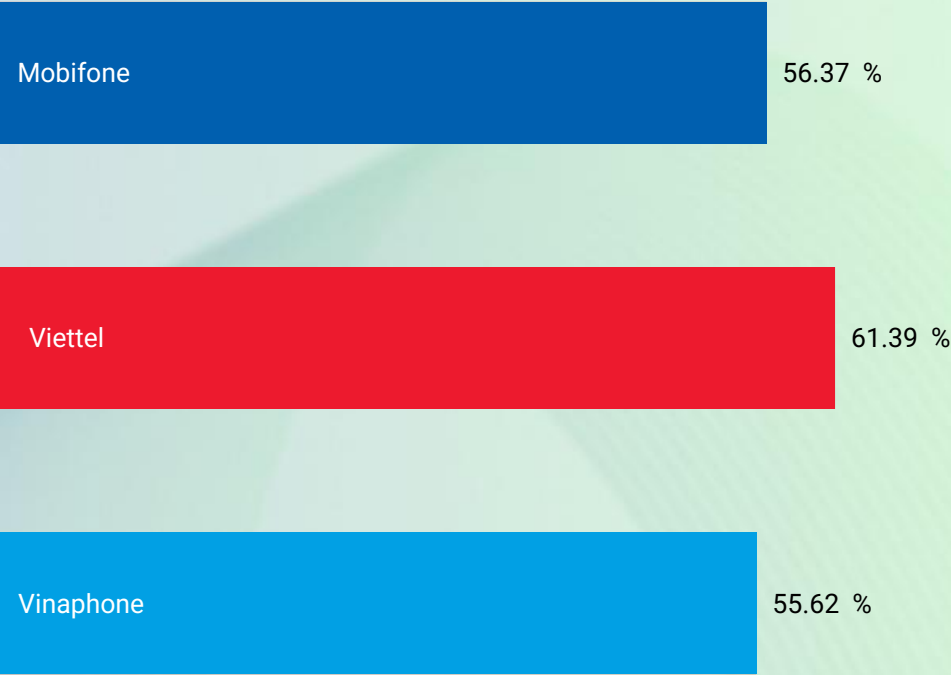
The subscribers of Viettel enjoyed the best mobile Internet browsing performance in 2025.

Browsing Performance results ventilation (average)
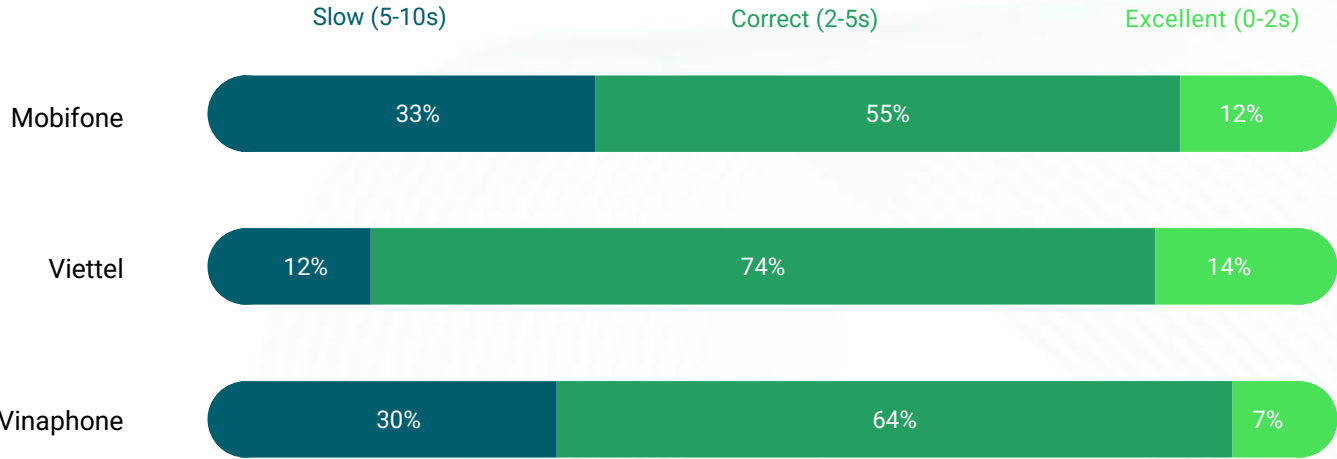
Slow (5-10s) Correct (2-5s) Excellent (0-2s)

Operator	Slow (5-10s)	Correct (2-5s)	Excellent (0-2s)
Mobifone	33%	55%	12%
Viettel	12%	74%	14%
Vinaphone	30%	64%	7%

Source : nPerf.com

Browsing Performance rate (average)

Busy Time		Idle Time
57.01 %	Mobifone	56.26 %
60.10 %	Viettel	61.66 %
54.80 %	Vinaphone	55.73 %

Source : nPerf.com

Browsing performance rate (average) evolution over the year

Mobifone
Viettel
Vinaphone

2024-07 2024-08 2024-09 2024-10 2024-11 2024-12 2025-01 2025-02 2025-03 2025-04 2025-05 2025-06

Source : nPerf.com

Quality of Experience : Streaming

Streaming Performance rate (average)

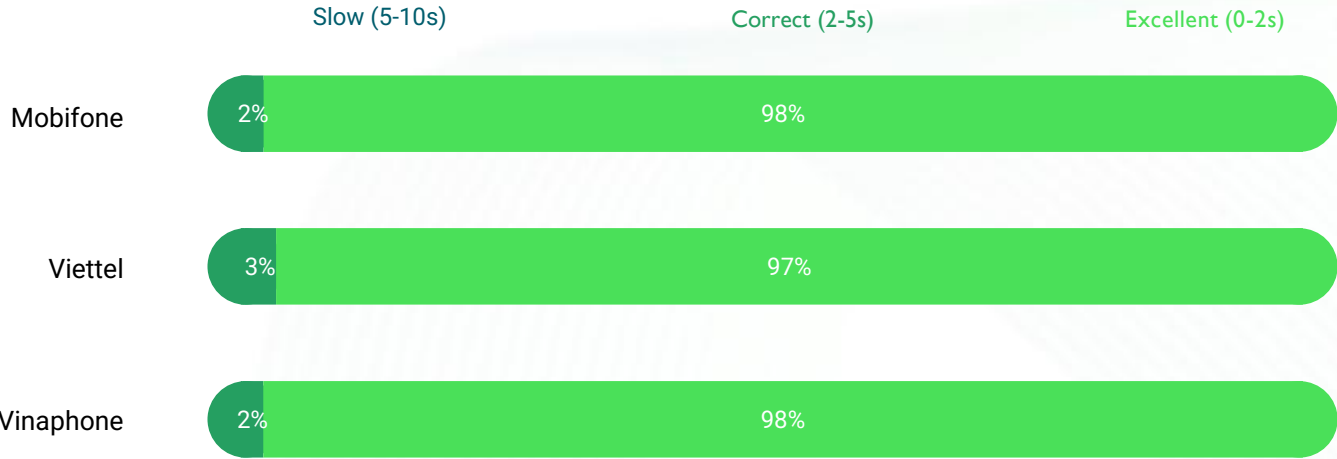|	
Mobifone	82.86 %
Viettel	79.30 %
Vinaphone	79.89 %

Source : nPerf.com

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

Streaming Performance results ventilation (average)

Slow (5-10s)   Correct (2-5s)   Excellent (0-2s)

	Slow	Excellent
Mobifone	2%	98%
Viettel	3%	97%
Vinaphone	2%	98%

Source : nPerf.com

Streaming Performance rate (average)

Busy Time		Idle Time
81.76 %	Mobifone	83.18 %
78.04 %	Viettel	79.53 %
80.20 %	Vinaphone	79.70 %

Source : nPerf.com

Streaming performance rate (average) evolution over the year

Mobifone
Viettel
Vinaphone

2024-07 2024-08 2024-09 2024-10 2024-11 2024-12 2025-01 2025-02 2025-03 2025-04 2025-05 2025-06

Source : nPerf.com

Speed : Download

nPerf

Download Speed (average)

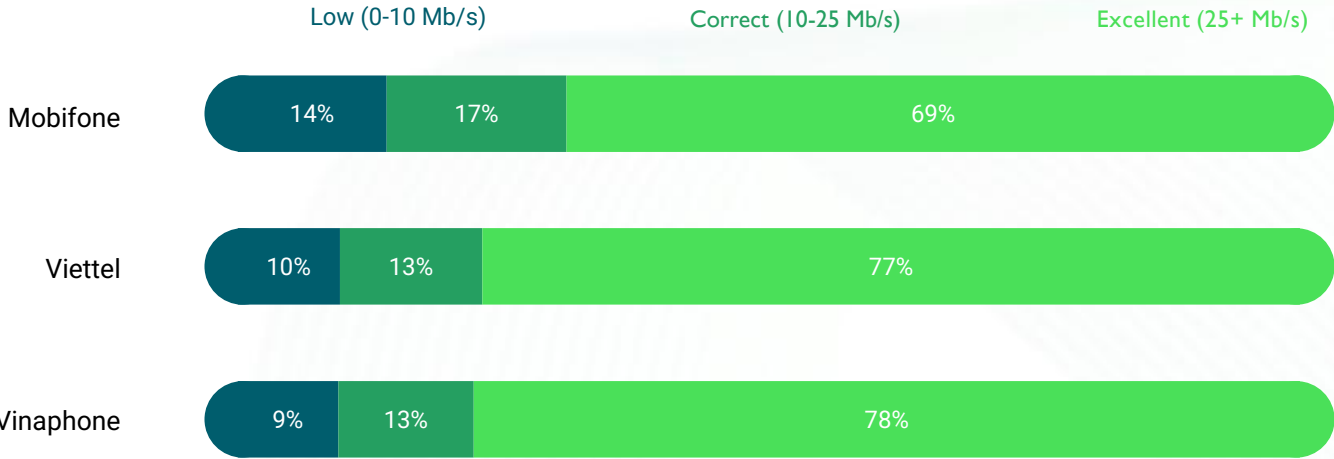| Operator	Speed
Mobifone	59.80 Mb/s
Viettel	57.31 Mb/s
Vinaphone	76.62 Mb/s

Source : nPerf.com

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

Download Speed results ventilation (average)

Low (0-10 Mb/s)   Correct (10-25 Mb/s)   Excellent (25+ Mb/s)

Operator	Low	Correct	Excellent
Mobifone	14%	17%	69%
Viettel	10%	13%	77%
Vinaphone	9%	13%	78%

Source : nPerf.com

Download Speed (average)

	Busy Time		Idle Time
Mobifone	54.41 Mb/s		61.30 Mb/s
Viettel	51.80 Mb/s		58.14 Mb/s
Vinaphone	75.73 Mb/s		77.61 Mb/s

Source : nPerf.com

Download Speed evolution over the year (average)

2024-07 2024-08 2024-09 2024-10 2024-11 2024-12 2025-01 2025-02 2025-03 2025-04 2025-05 2025-06

— Mobifone
— Viettel
— Vinaphone

Source : nPerf.com

Speed : Upload

Upload Speed (average)

Mobifone — 20.63 Mb/s

Viettel — 17.06 Mb/s

Vinaphone — 23.76 Mb/s
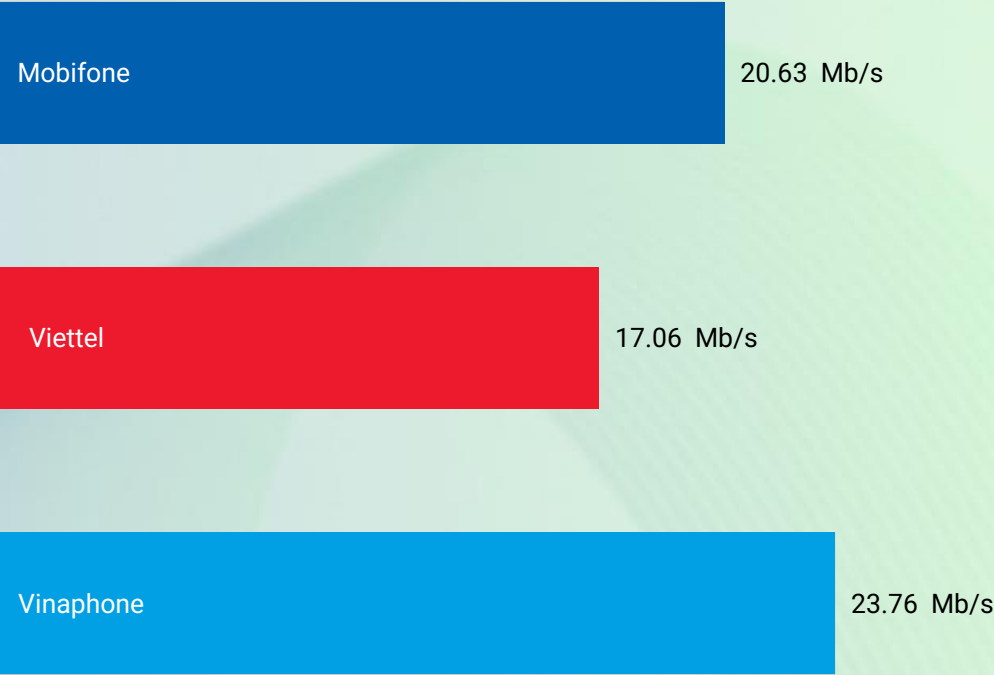
Source : nPerf.com

The subscribers of Vinaphone enjoyed the best average mobile Internet upload speed in 2025.
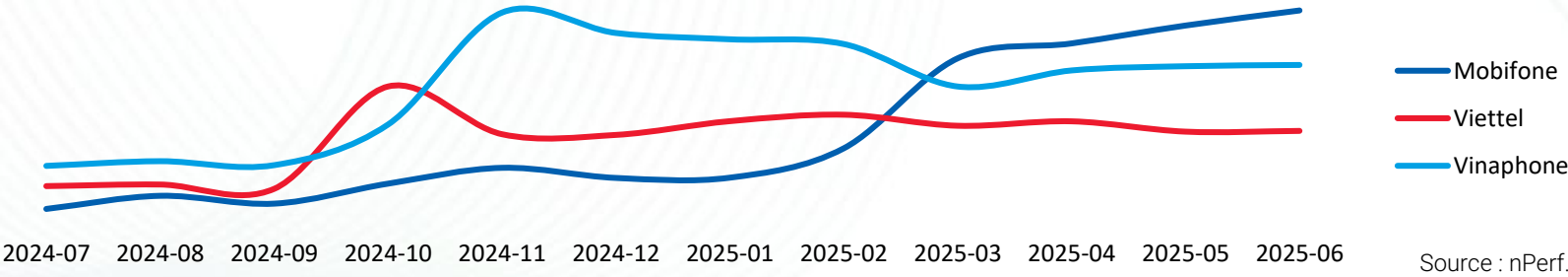
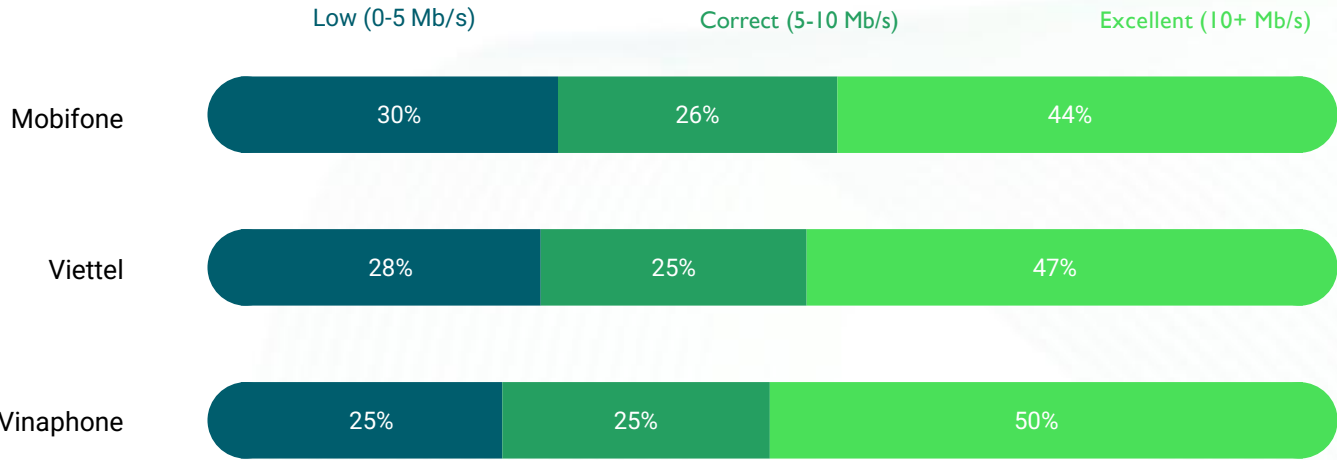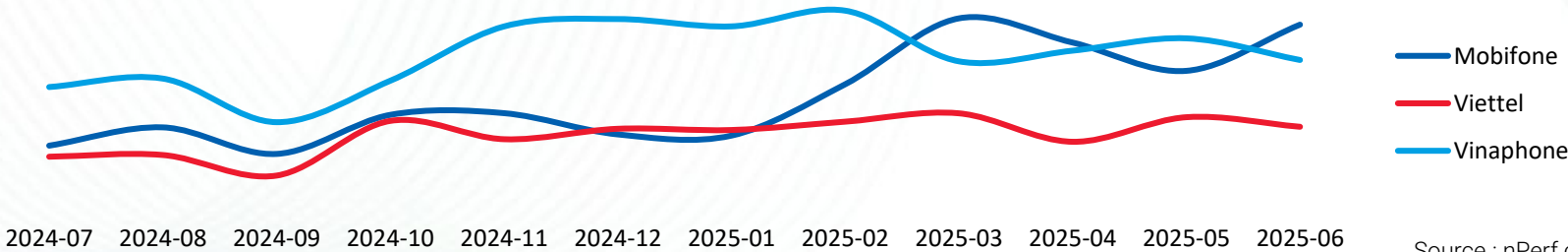## Upload Speed results ventilation (average)

	Low (0-5 Mb/s)	Correct (5-10 Mb/s)	Excellent (10+ Mb/s)
Mobifone	30%	26%	44%
Viettel	28%	25%	47%
Vinaphone	25%	25%	50%

Source : nPerf.com

Upload Speed (average)

Busy Time		Idle Time
18.97 Mb/s	Mobifone	21.08 Mb/s
14.31 Mb/s	Viettel	17.63 Mb/s
21.74 Mb/s	Vinaphone	24.46 Mb/s

Source : nPerf.com

Upload Speed evolution over the year (average)

Legend: Mobifone, Viettel, Vinaphone

2024-07 2024-08 2024-09 2024-10 2024-11 2024-12 2025-01 2025-02 2025-03 2025-04 2025-05 2025-06

Source : nPerf.com

Speed : Latency

Latency Speed (average)

Mobifone — 50.96 ms

Viettel — 47.44 ms

Vinaphone — 42.77 ms
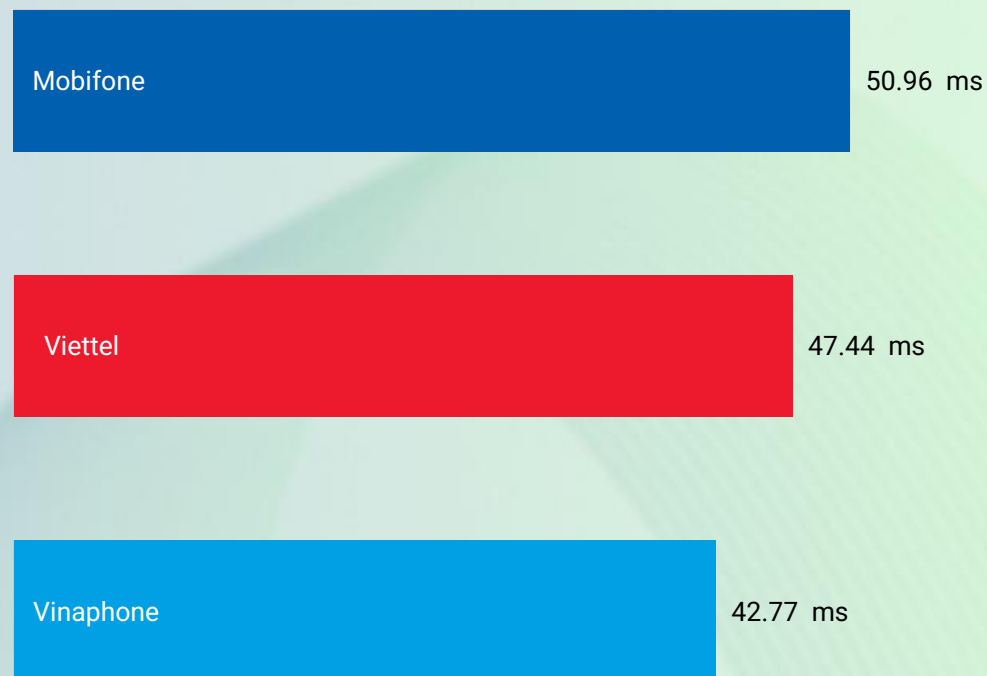
Source : nPerf.com

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

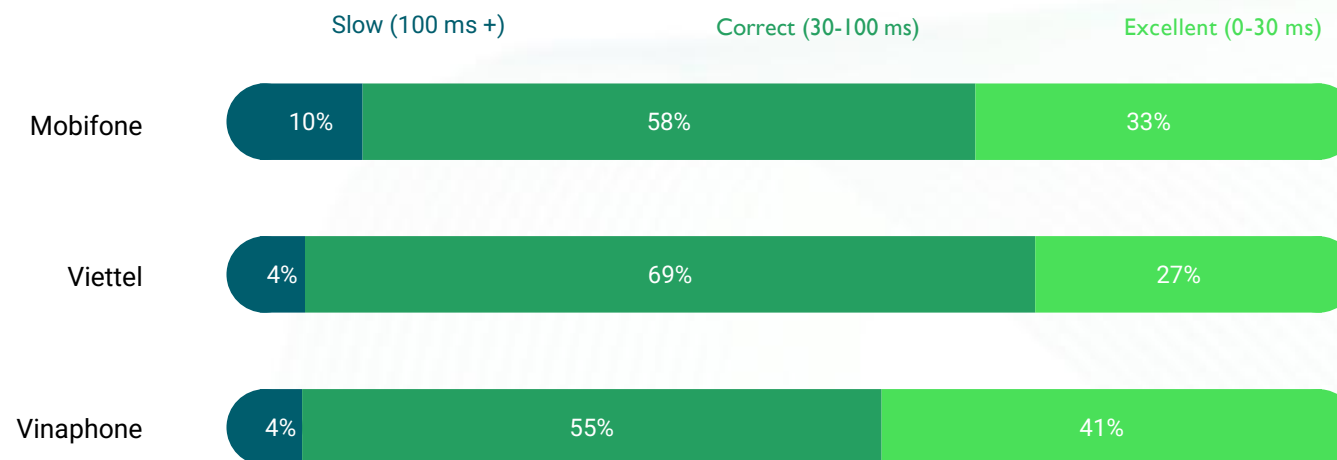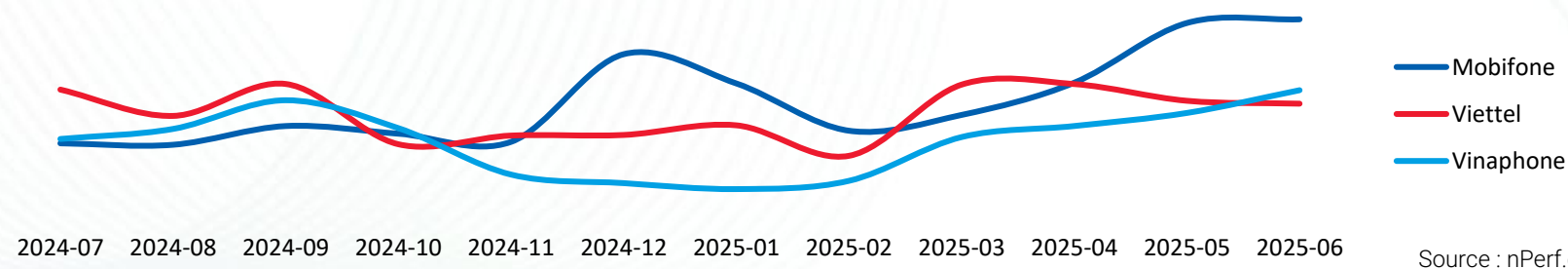## Latency Speed results ventilation (average)

Slow (100 ms +)   Correct (30-100 ms)   Excellent (0-30 ms)

Operator	Slow	Correct	Excellent
Mobifone	10%	58%	33%
Viettel	4%	69%	27%
Vinaphone	4%	55%	41%

Source : nPerf.com

Latency Speed (average)

	Busy Time		Idle Time
Mobifone	49.58 ms		51.49 ms
Viettel	49.78 ms		46.81 ms
Vinaphone	43.12 ms		42.53 ms

Source : nPerf.com

Latency Speed evolution over the year (average)

Mobifone
Viettel
Vinaphone

2024-07 2024-08 2024-09 2024-10 2024-11 2024-12 2025-01 2025-02 2025-03 2025-04 2025-05 2025-06

Source : nPerf.com

nPerf Score (nPoints)

Mobifone — 70 075

Viettel — 69 031

Vinaphone — 73 390

Source : nPerf.com

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

- Best performances 4G: Vinaphone
- Best web browsing performances 4G: Viettel
- Best video streaming performances 4G: Mobifone
- Fastest performances (Download) 4G: Vinaphone
- Fastest performances (Upload) 4G: Vinaphone
- 4G connections with the lowest latency: Vinaphone
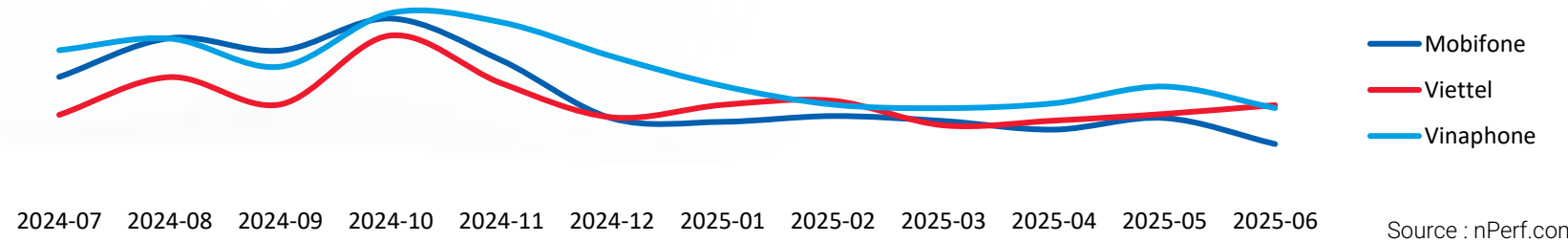
Source : nPerf.com
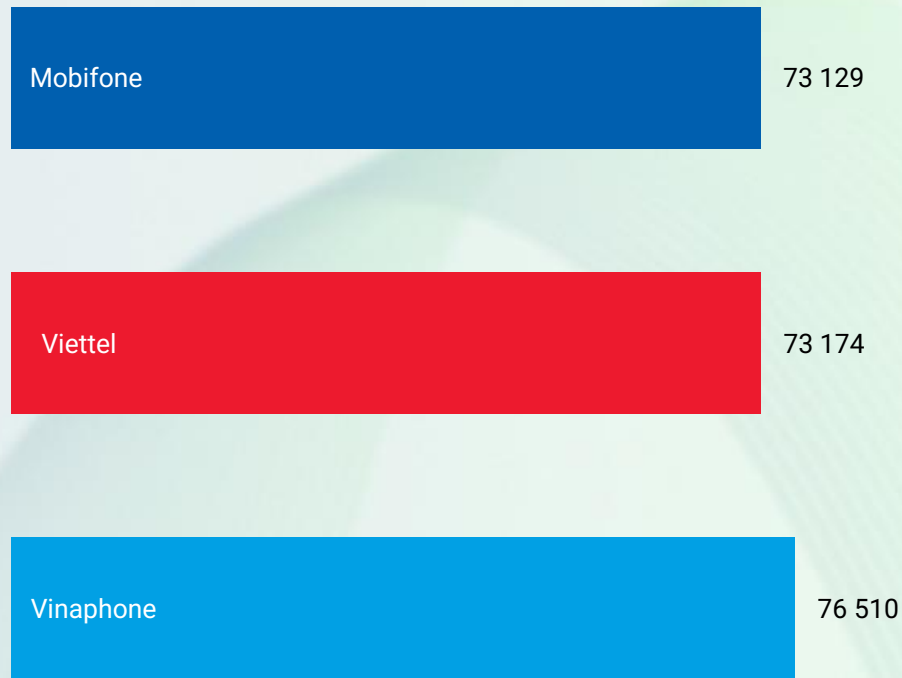
mobifone   viettel telecom   vinaphone

Source : nPerf.com

nPerf score evolution over the year (average)

— Mobifone
— Viettel
— Vinaphone

2024-07 2024-08 2024-09 2024-10 2024-11 2024-12 2025-01 2025-02 2025-03 2025-04 2025-05 2025-06

Source : nPerf.com

mobile Internet - 07/01/2024 - 06/30/2025 - Vietnam

Mobile Internet performance in Vietnam

nPerf Score (nPoints)

Operator	Score
Mobifone	73 129
Viettel	73 174
Vinaphone	76 510

Source : nPerf.com

The subscribers of Vinaphone enjoyed the best mobile Internet performances in 2025.

The nPerf score takes into account the measured speedss, 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.
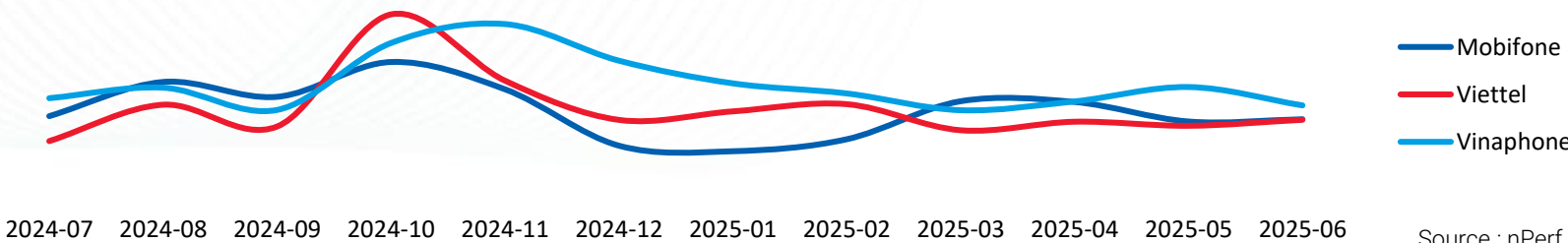
Source : nPerf.com

vinaphone

Best mobile Internet performance in 2025

No.1 MOBILE NETWORK PERFORMANCE

mobifone   viettel telecom   vinaphone

Source : nPerf.com

nPerf score evolution over the year (average)

Legend: Mobifone, Viettel, Vinaphone

2024-07 2024-08 2024-09 2024-10 2024-11 2024-12 2025-01 2025-02 2025-03 2025-04 2025-05 2025-06

Source : nPerf.com