

April 23, 2024



# Barometer of mobile Internet connections in Egypt

04/01/2023 - 03/31/2024



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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.



**300k+** tests daily worldwide.



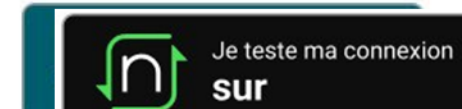
**26Md+** coverage scans in total.



**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 **WE** enjoyed the best mobile Internet performances in Egypt during 2024.

### Mobile Internet connections in Egypt

	Etisalat Mobile	Orange Mobile	Vodafone Mobile	WE
▼ Download speeds (Mb/s)	8.97	7.46	8.74	14.44
▲ Upload speeds (Mb/s)	4.12	3.24	4.02	4.42
◀▶ Latency (ms)	132.65	285.78	152.31	113.69
🌐 Web browsing (%)	30.65	26.57	31.67	38.15
🎥 Youtube streaming (%)	68.41	61.86	66.21	75.50
nPerf Score (nPoints)	26 011	19 597	24 985	35 003

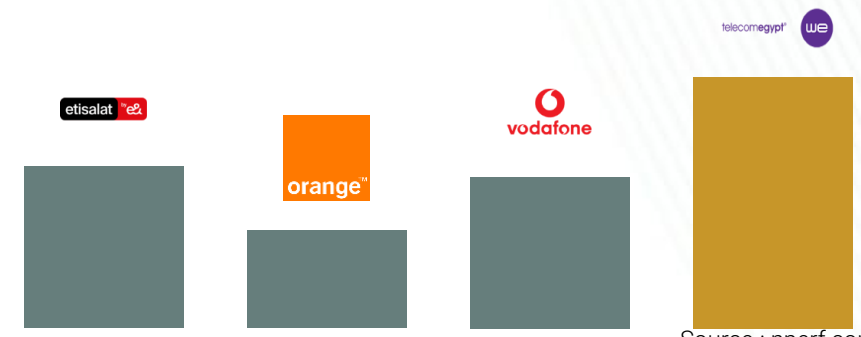
Source : nperf.com



Best mobile Internet performance in 2024



Source : nperf.com



Source : nperf.com

In the competitive landscape of Egypt's mobile market, WE has established a formidable lead, dominating every significant performance indicator from April 2023 through March 2024. This report will compare WE, Etisalat Mobile, Orange Mobile, and Vodafone Mobile—across essential metrics like download and upload speeds, latency, browsing success, and streaming quality.

### **WE: The clear market leader**

WE stands out with stellar performances across all categories. It boasts the highest average download speed at 14 Mb/s and an upload speed of 4 Mb/s, significantly surpassing its competitors. The latency is impressively low at 114 ms, which enhances the responsiveness of the network. WE's browsing score stands at 38%, and its streaming quality is exceptionally high at 76%, reflecting superior network optimization. WE's total score is 35,003 nPoints, underlining its market leadership.

### **Etisalat Mobile: Strong contender**

Etisalat Mobile presents itself as a strong contender with a robust average download speed of 9 Mb/s and an upload speed of 4 Mb/s. However, its latency of 133 ms and lower browsing score at 31% and streaming quality at 68% place it behind WE. Etisalat Mobile's total score is 26,011 nPoints, which is commendable but still not close to WE.

### **Vodafone Mobile: Competitive but behind**

Vodafone Mobile shows competitive figures with an average download speed of 9 Mb/s and upload speed of 4 Mb/s, close to Etisalat. However, its higher latency of 152 ms slightly hinders its performance metrics, resulting in a browsing score of 32% and streaming quality of 66%. Vodafone's total score of 24,985 nPoints reflects its robust service offerings, though it still lags behind WE.

### **Orange Mobile: Needs Improvement**

Orange Mobile trails the group with a download speed of 7 Mb/s and an upload speed of 3 Mb/s. The provider struggles notably with high latency at 286 ms, which significantly impacts user experience, evidenced by lower browsing and streaming scores of 27% and 62%, respectively. Orange's total score of 19,597 nPoints indicates that there is considerable room for improvement.

### **Conclusion**

WE's dominance in Egypt's mobile market is clear, offering the best speeds, lowest latency, and highest quality of service in browsing and streaming. While Etisalat and Vodafone provide competitive services, they fall short of WE's benchmarks. Orange, while still a significant player, needs significant enhancements to compete effectively.

## 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 mobile connections, we assess:

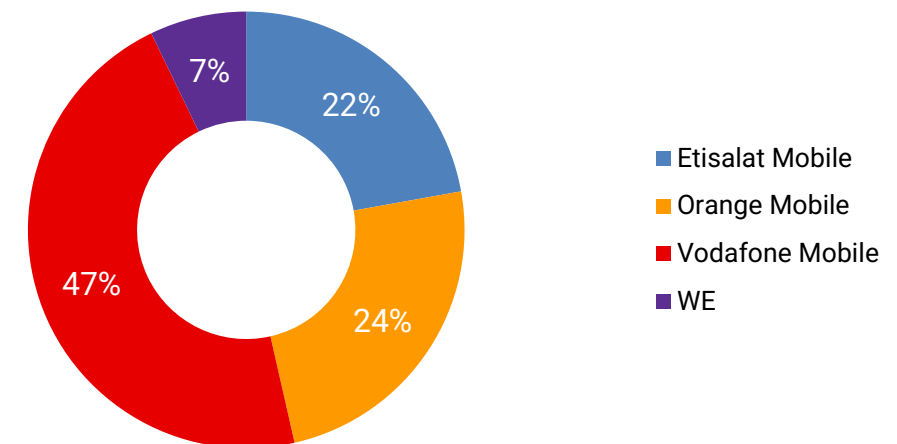
- ▼ **Download bitrate:**  
Indicates the amount of data your connection can receive in one second from the nPerf server. The highest the measured value, the best is the bitrate of your connection.
- ▲ **Upload bitrate:**  
Indicates the amount of data your connection can send in one second from the 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.
- 🌐 **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 user's perceived quality of the Internet network.
- 📺 **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 user's perceived quality of the Internet network.

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 1.7% 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.

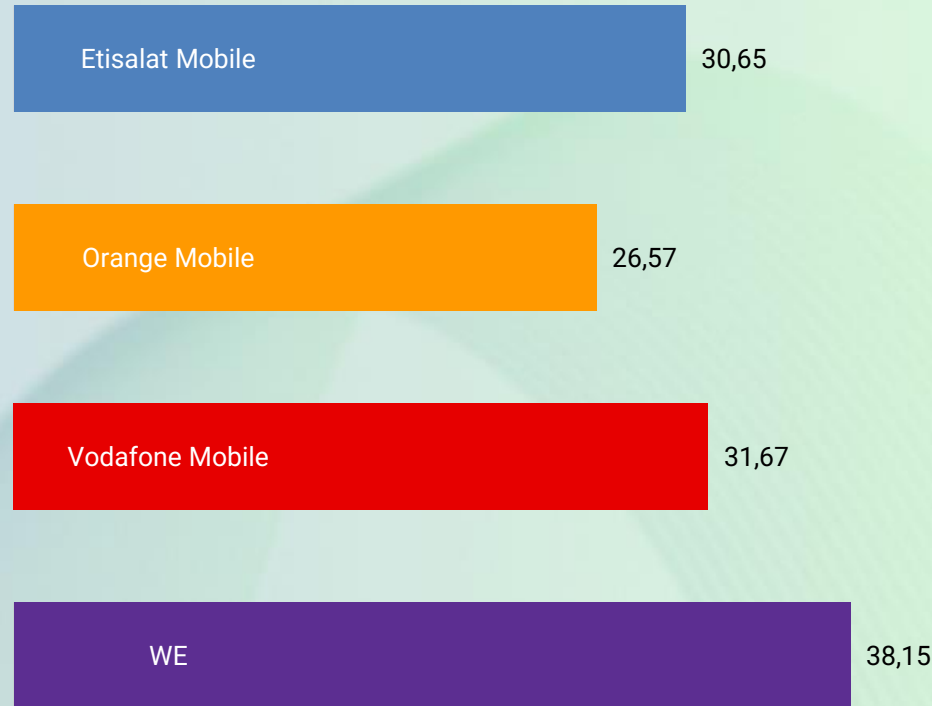
Overall distribution of the tests per provider (ISPs Share)



Source : nperf.com



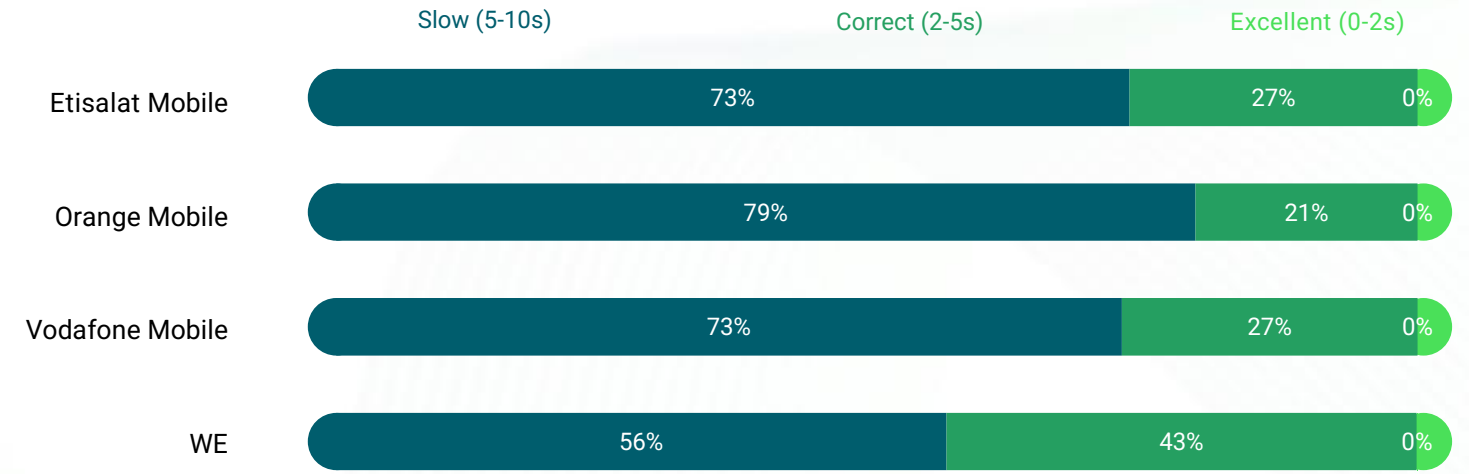
## Browsing Performance rate (average)



Source : nperf.com

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

## Browsing Performance results ventilation (average)



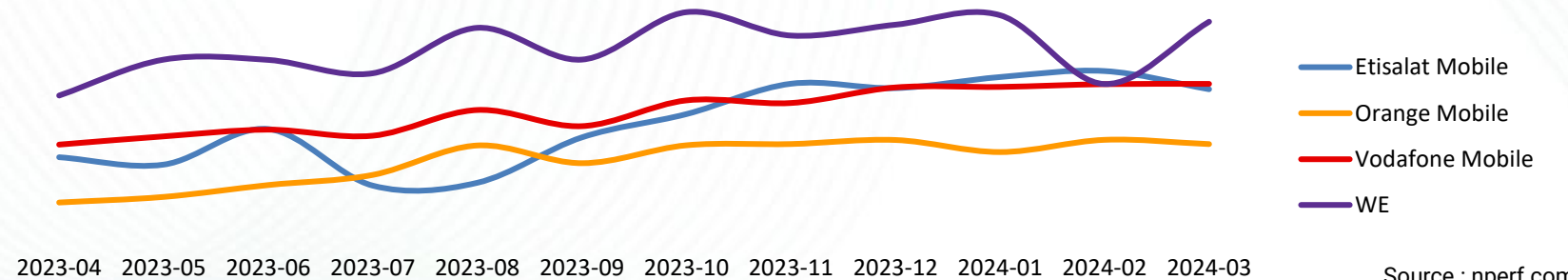
Source : nperf.com

## Browsing Performance rate (average)



Source : nperf.com

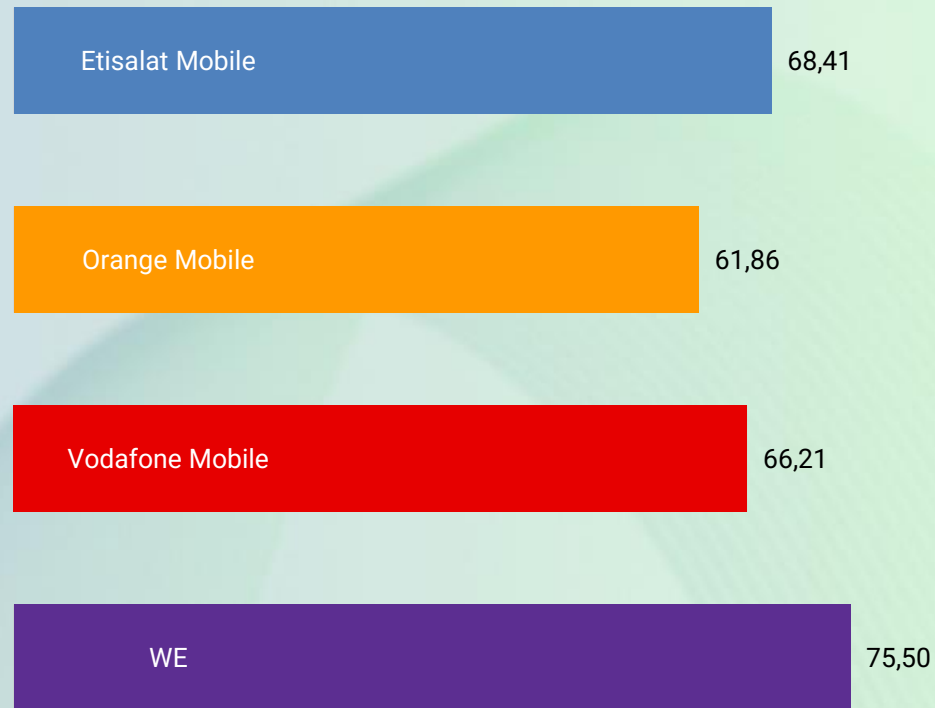
## Browsing performance rate (average) evolution over the year



Source : nperf.com



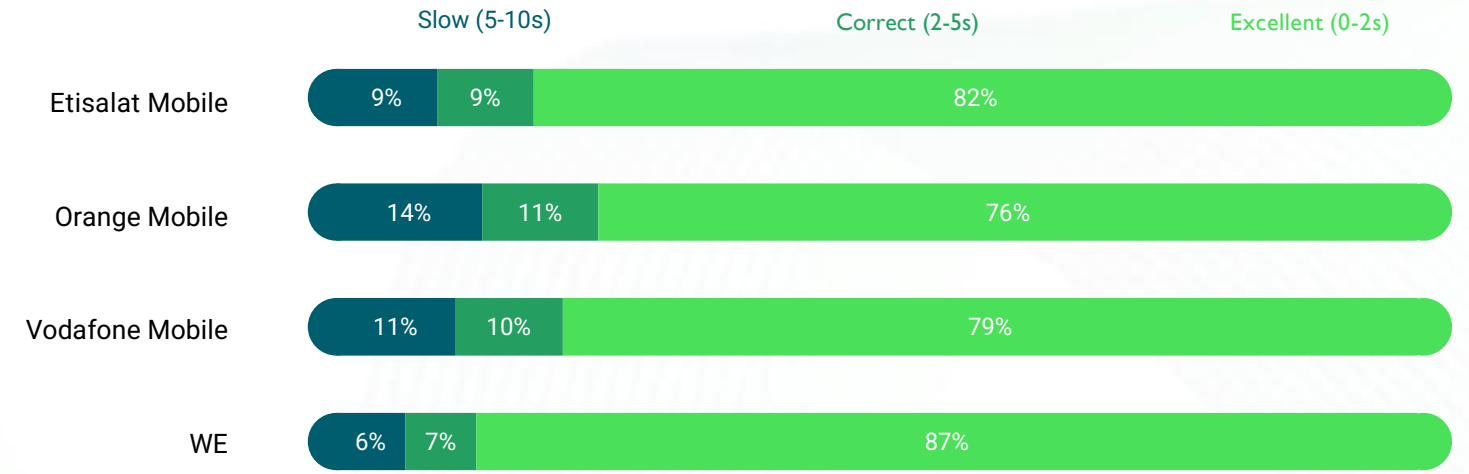
## Streaming Performance rate (average)



Source : nperf.com

The subscribers of **WE** enjoyed the best mobile Internet streaming performance in 2024.

## Streaming Performance results ventilation (average)



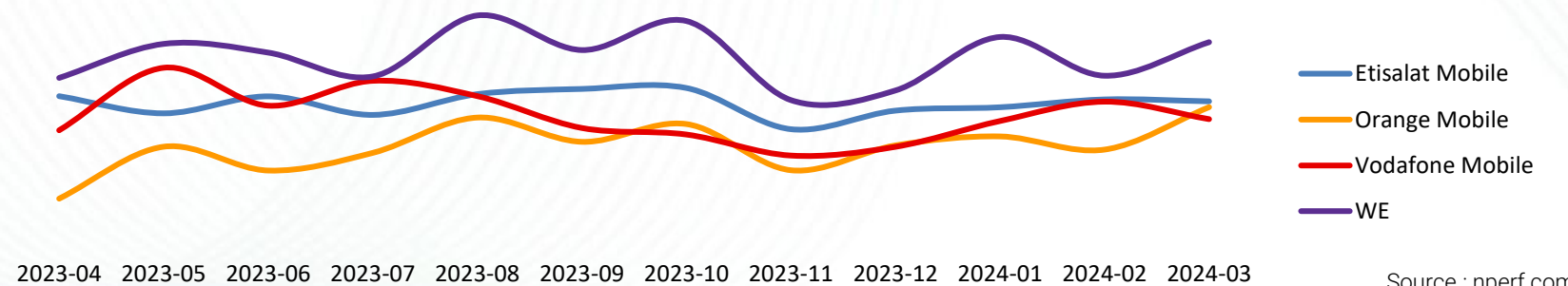
Source : nperf.com

## Streaming Performance rate (average)



Source : nperf.com

## Streaming performance rate (average) evolution over the year

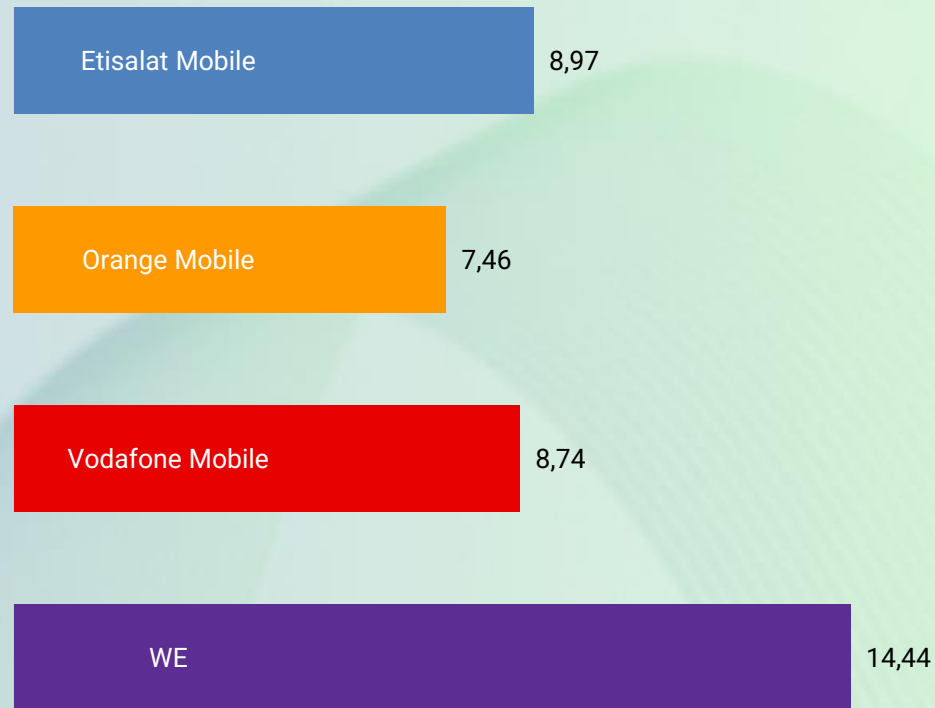


Source : nperf.com





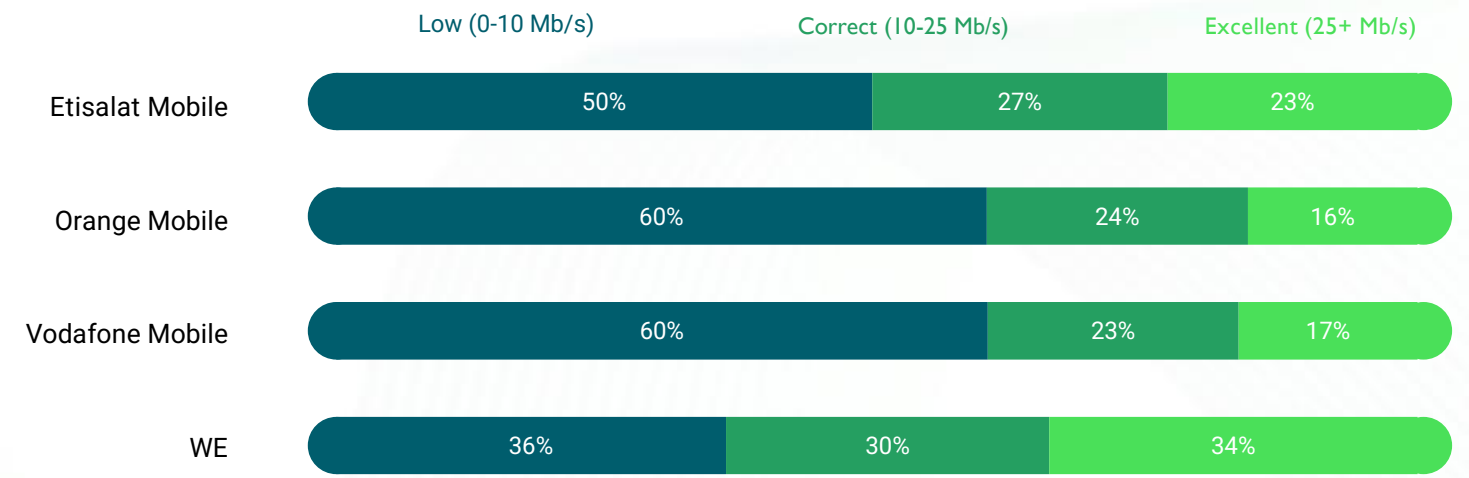
## Download Speed (average)



Source : nperf.com

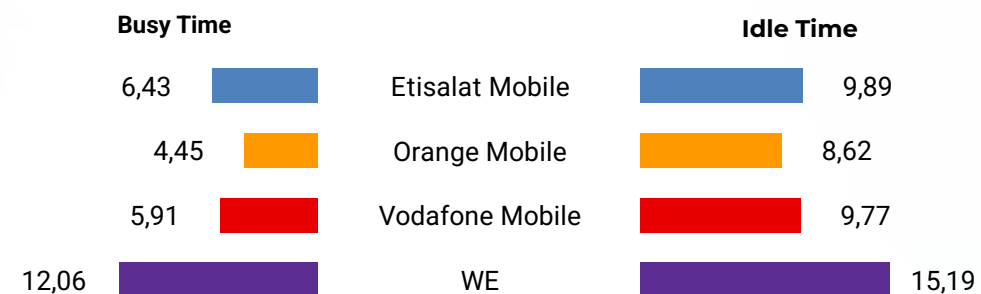
The subscribers of **WE** enjoyed the best average mobile Internet download speed in 2024.

## Download Speed results ventilation (average)



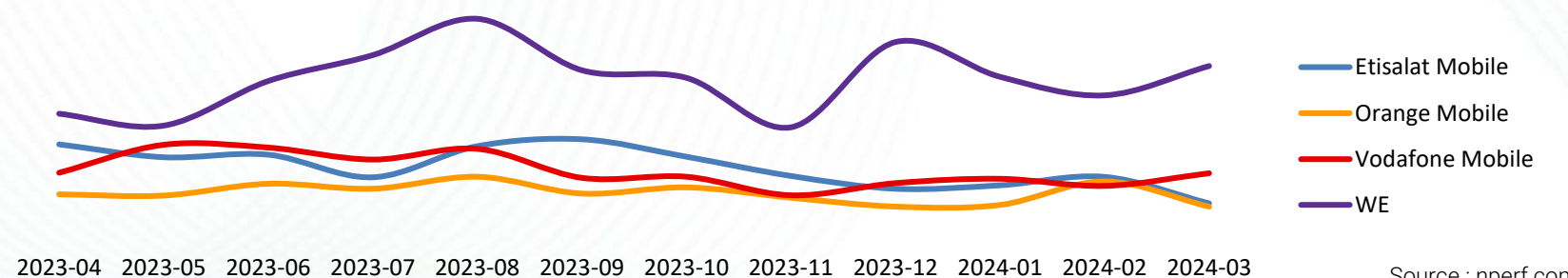
Source : nperf.com

## Download Speed (average)



Source : nperf.com

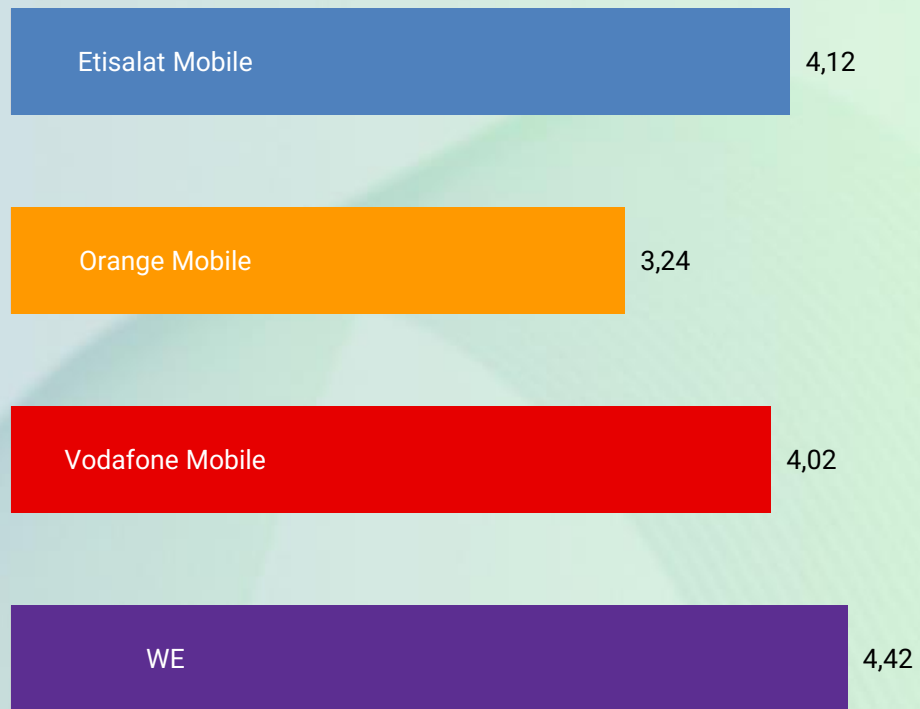
## Download Speed evolution over the year (average)



Source : nperf.com



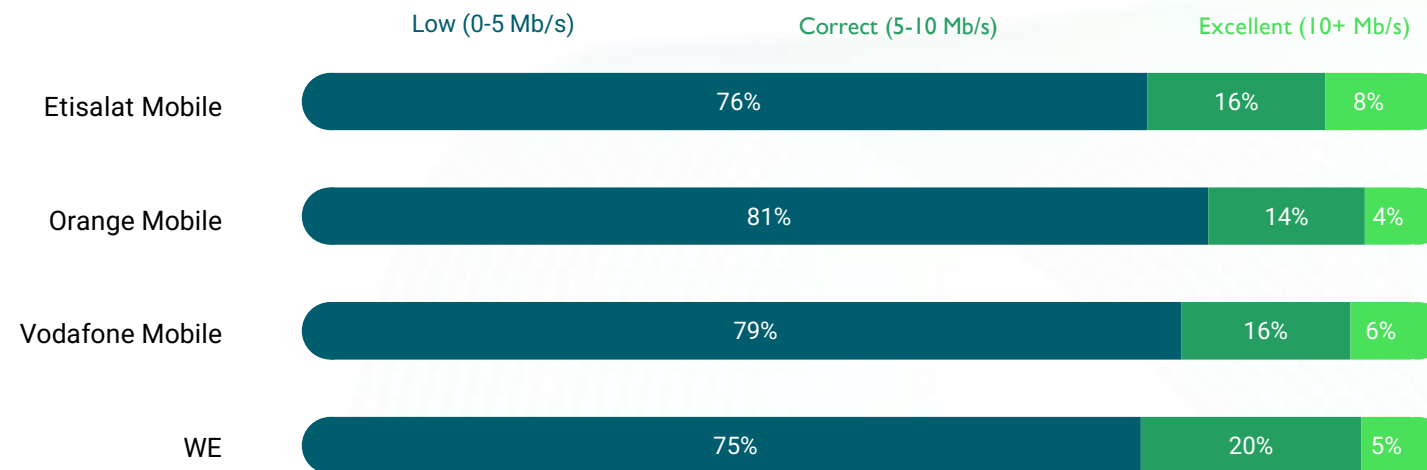
## Upload Speed (average )



Source : nperf.com

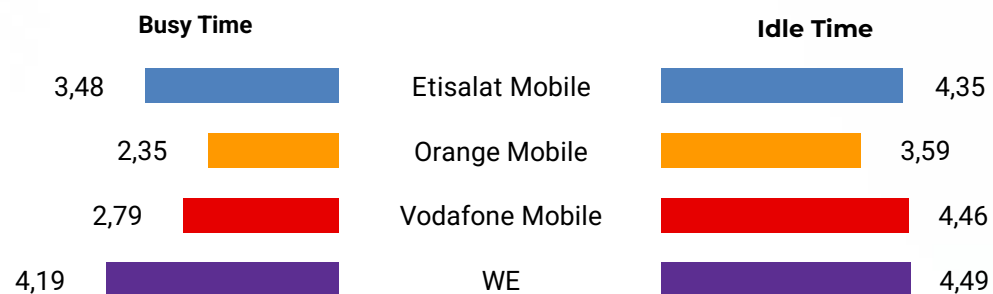
The subscribers of **Etisalat Mobile** and **WE** enjoyed the best average mobile Internet upload speed in 2024.

## Upload Speed results ventilation (average)



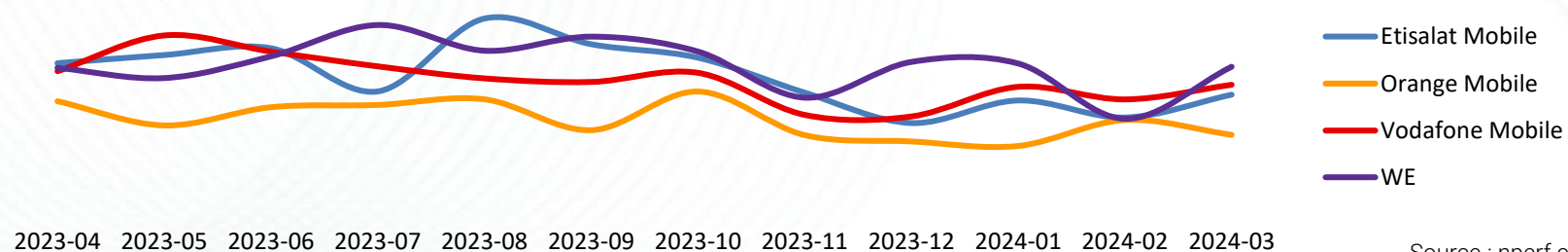
Source : nperf.com

## Upload Speed (average )



Source : nperf.com

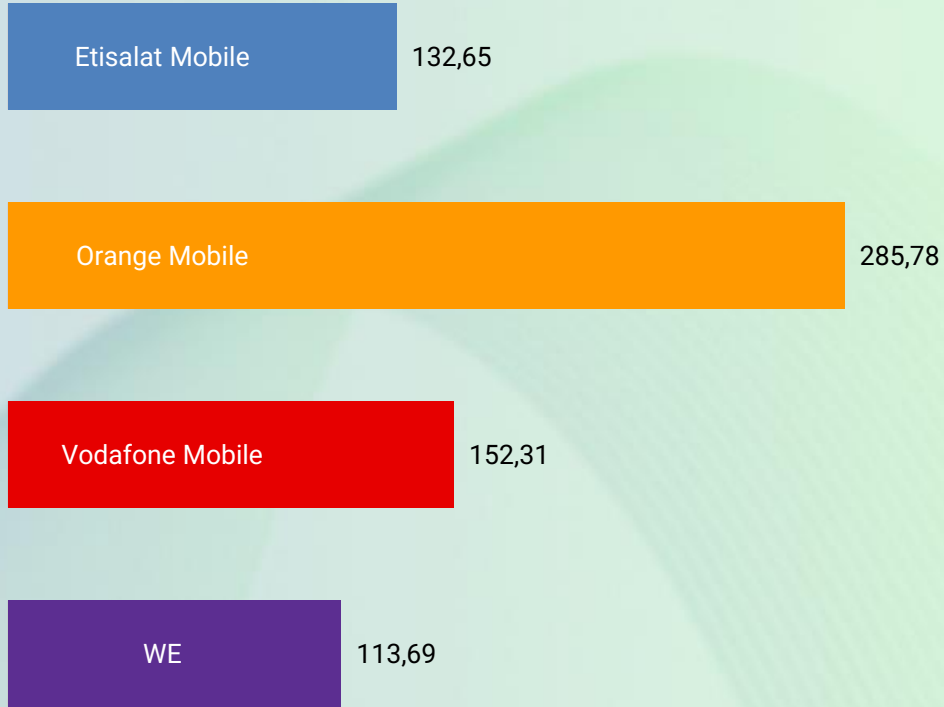
## Upload Speed evolution over the year (average)



Source : nperf.com



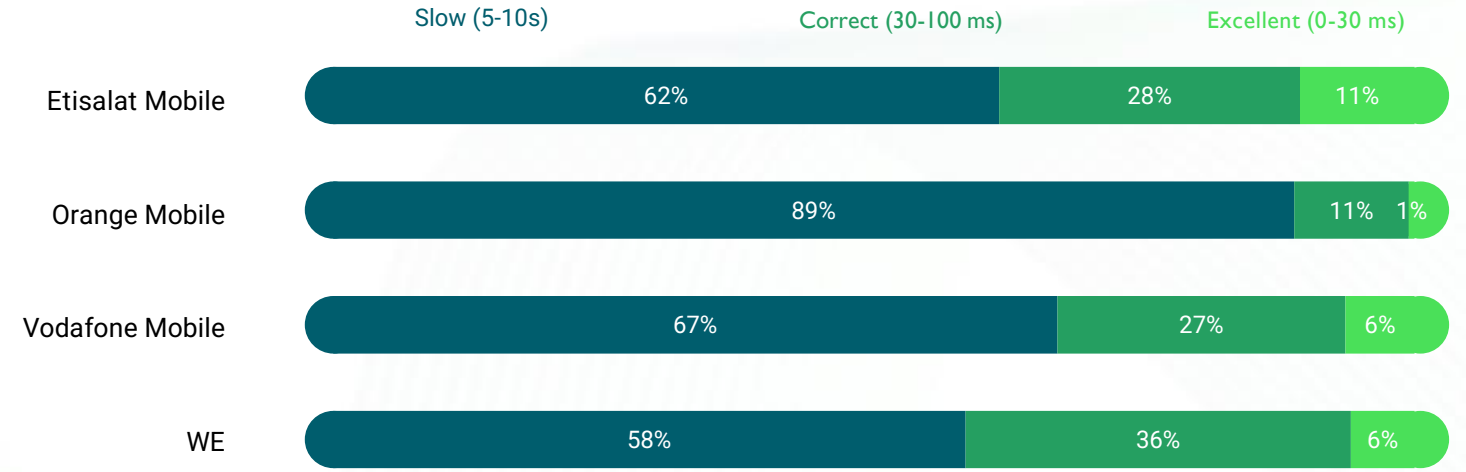
## Latency Speed (average)



Source : nperf.com

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

## Latency Speed results ventilation (average)



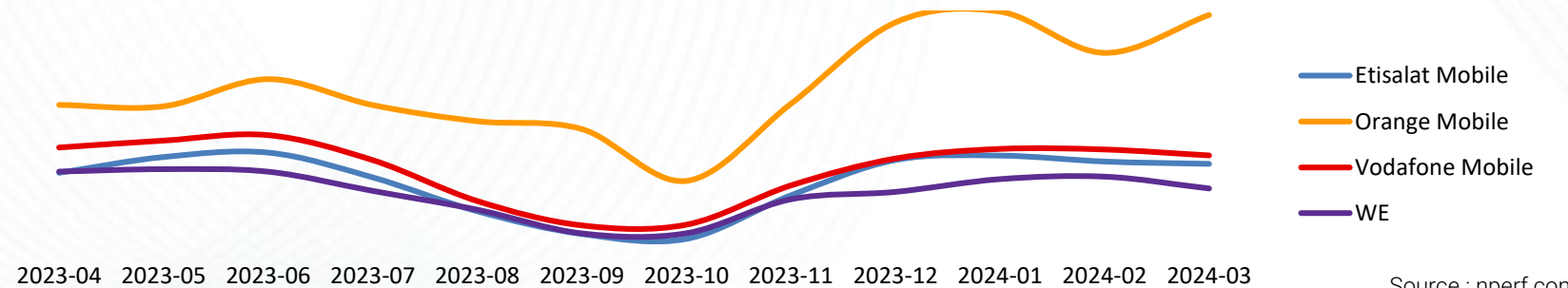
Source : nperf.com

## Latency Speed (average)



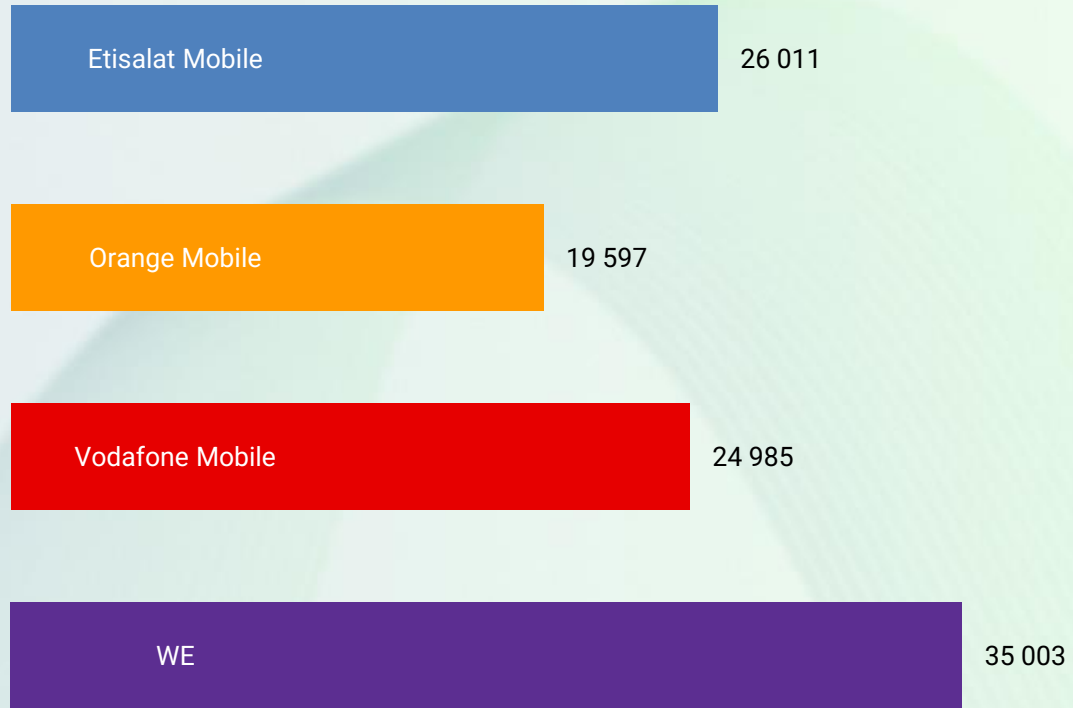
Source : nperf.com

## Latency Speed evolution over the year (average)



Source : nperf.com

## nPerf Score (nPoints)



Source : nperf.com

The subscribers of **WE** enjoyed the best mobile Internet performances in Egypt during 2024.

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.

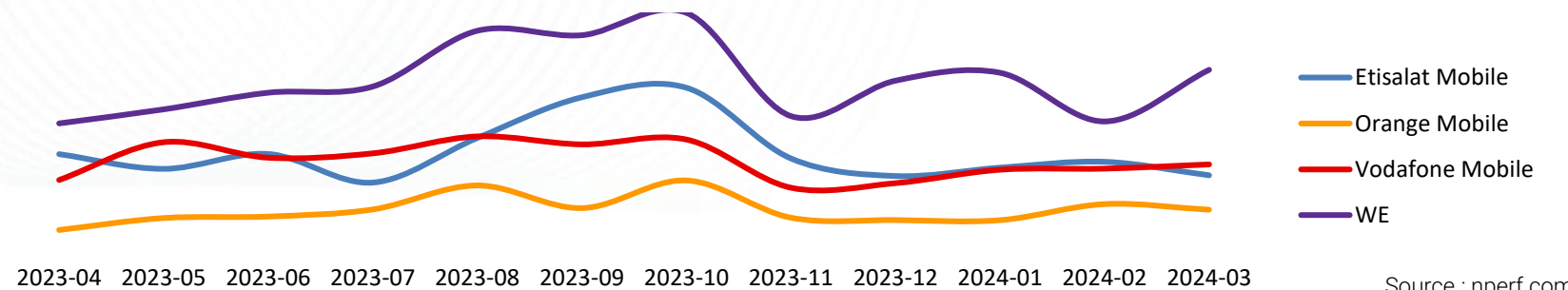
Source : nperf.com

telecomgypt® **we**  
**Best mobile Internet performance in 2024**



Source : nperf.com

## nPerf score evolution over the year (average)



Source : nperf.com



We qualify your connection