Barometer of mobile Internet connections in Peru

07/01/2024 - 06/30/2025

07/18/2025

Agenda

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2 Executive summary

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

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.
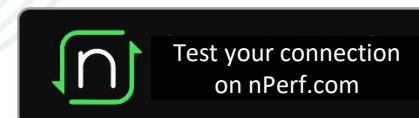
300k+ tests daily worldwide.

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 Claro enjoyed the best mobile Internet performances in 2025.

Mobile Internet connections in Peru

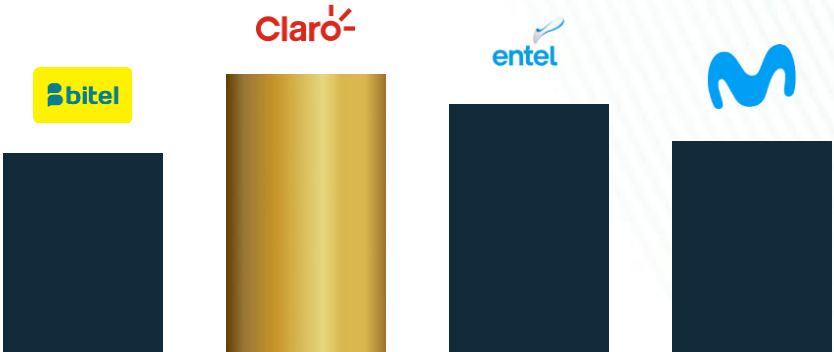|	Bitel	Claro	Entel	Movistar
Download speedss (Mb/s)	20.57	26.88	21.40	17.06
Upload speedss (Mb/s)	7.63	11.75	15.19	10.57
Latency (ms)	65.27	35.96	36.97	52.61
Web browsing (%)	52.25	58.90	58.82	52.07
Youtube streaming (%)	64.96	74.97	63.43	68.10
nPerf Score (nPoints)	45 119	62 945	56 207	47 833

Source : nPerf.com

Claro

Best mobile Internet performance in 2025

No.1 MOBILE NETWORK PERFORMANCE
nPerf AWARDS

Source : nPerf.com

Bitel | Claro | entel | Movistar

Source : nPerf.com

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

4G mobile Internet connections in Peru

	Bitel	Claro	Entel	Movistar
Download speedss (Mb/s)	22.26	26.27	20.91	18.35
Upload speedss (Mb/s)	8.24	12.11	15.34	11.44
Latency (ms)	64.76	36.02	37.18	52.24
Web browsing (%)	53.39	59.37	58.79	52.78
Youtube streaming (%)	65.72	75.66	63.45	68.92
nPerf Score (nPoints)	47 004	63 386	55 964	49 578

Source : nPerf.com

Introduction

Claro maintains its position as the country's leading mobile operator with a score of 62,945 nPoints in the Peruvian sector. This operator holds the top position in the 4G segment where it continues to dominate.

Claro: Consistent leadership across key metrics

With 62,945 nPoints, Claro secures the first place in the overall ranking. The operator stands out as n°1 in 4G performance and excels in several key metrics: it leads in download speeds (26.9 Mbps), latency (36.0 ms), and video streaming (75.0%), while sharing the top position in browsing (58.9%) with Entel. Claro's low latency provides users with responsive online gaming and real-time applications. The operator has shown solid improvement in multiple areas, with download speeds increasing by 23.3% and browsing performance by 20.5%.

Entel: Strong upload performance and excellent browsing

Entel takes the second position with 56,207 nPoints, demonstrating good overall performance. The operator maintains its leadership in upload speeds (15.2 Mbps), which is particularly beneficial for users who frequently share content or participate in video conferences. Entel shares first place with Claro in browsing (58.8%), ensuring fast web page loading times. The company has achieved significant improvements in download speeds, with a 37.2% increase, and has enhanced its browsing performance by 15.3%.

Movistar: Steady performance with improved browsing

Securing the third position with 47,833 nPoints, Movistar delivers reliable mobile connectivity to Peruvian users. The operator offers good video streaming capabilities (68.1%), providing a smooth viewing experience for online content. Movistar has made notable progress in browsing performance with a 16.2% improvement, enhancing the web navigation experience for its customers.

Bitel: Strong growth across performance indicators

Bitel ranks fourth with 45,119 nPoints but shows the most significant overall improvement among all operators. With a 53.9% increase in download speeds (now at 20.6 Mbps) and a 38.6% improvement in upload speeds, Bitel is rapidly enhancing its network capabilities. The operator's browsing performance has also increased by 28.3%, and its overall score has grown by 29.7%, demonstrating a strong commitment to service enhancement.

Conclusion

In Peru's competitive mobile sector, Claro maintains its leadership position while all operators show positive performance trends. The improvements across the board indicate a healthy competitive environment that benefits Peruvian mobile users, with each operator strengthening different aspects of their service offerings.

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.
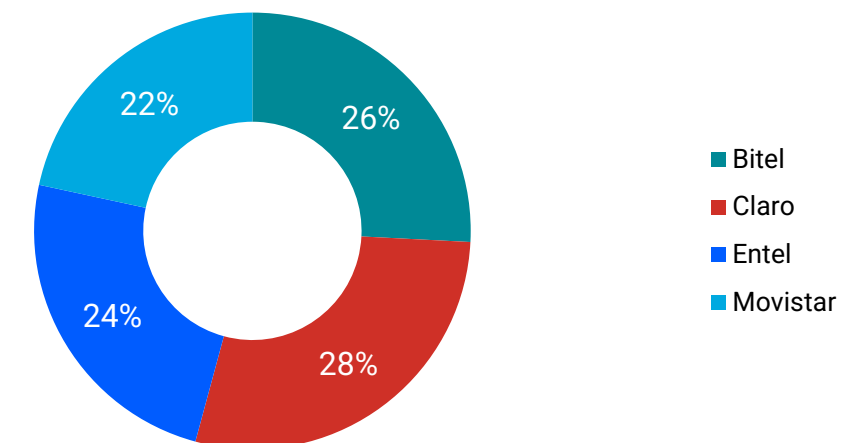
▶ Streaming performance

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.
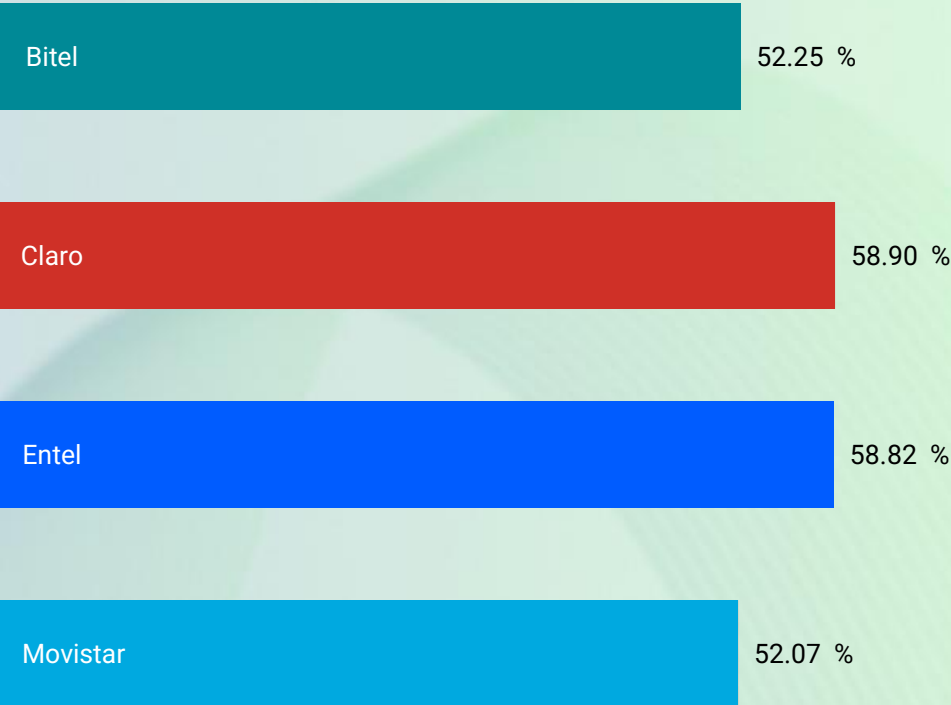
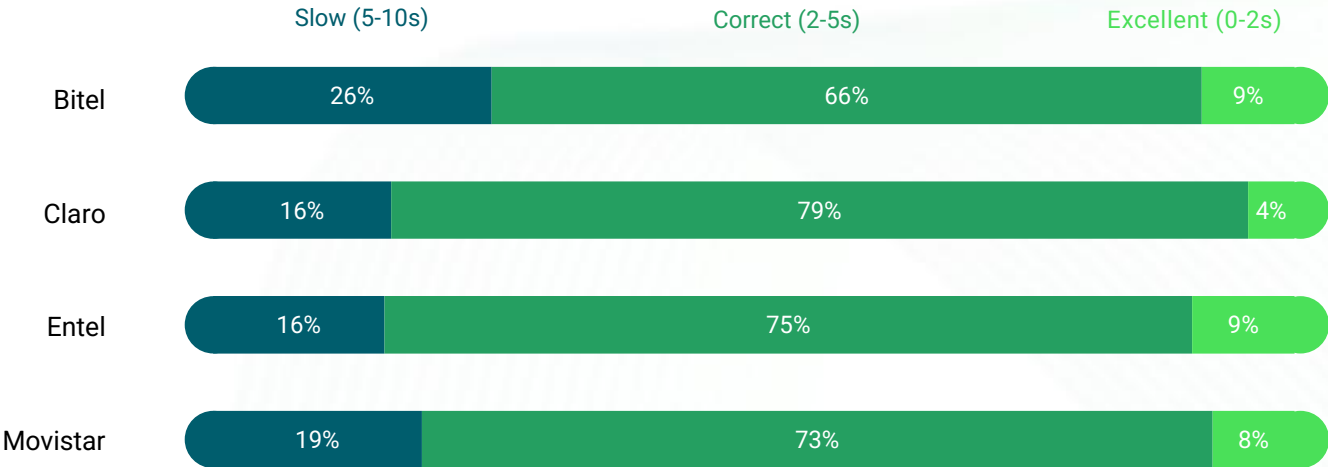Overall distribution of the tests per provider (ISPs Share)

- Bitel 26%
- Claro 28%
- Entel 24%
- Movistar 22%

Source : nPerf.com

Quality of Experience : Browsing

Browsing Performance rate (average)

Operator	Rate
Bitel	52.25 %
Claro	58.90 %
Entel	58.82 %
Movistar	52.07 %

The subscribers of Claro and Entel enjoyed the best mobile Internet browsing performance in 2025.

Source : nPerf.com

Browsing Performance results ventilation (average)

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

Operator	Slow (5-10s)	Correct (2-5s)	Excellent (0-2s)
Bitel	26%	66%	9%
Claro	16%	79%	4%
Entel	16%	75%	9%
Movistar	19%	73%	8%

Source : nPerf.com

Browsing Performance rate (average)

	Busy Time	Idle Time
Bitel	49.58 %	53.18 %
Claro	55.49 %	60.09 %
Entel	55.90 %	59.98 %
Movistar	49.72 %	52.93 %

Source : nPerf.com

Browsing performance rate (average) evolution over the year

Legend: Bitel, Claro, Entel, Movistar

X-axis: 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)

Operator	Rate
Bitel	64.96 %
Claro	74.97 %
Entel	63.43 %
Movistar	68.10 %
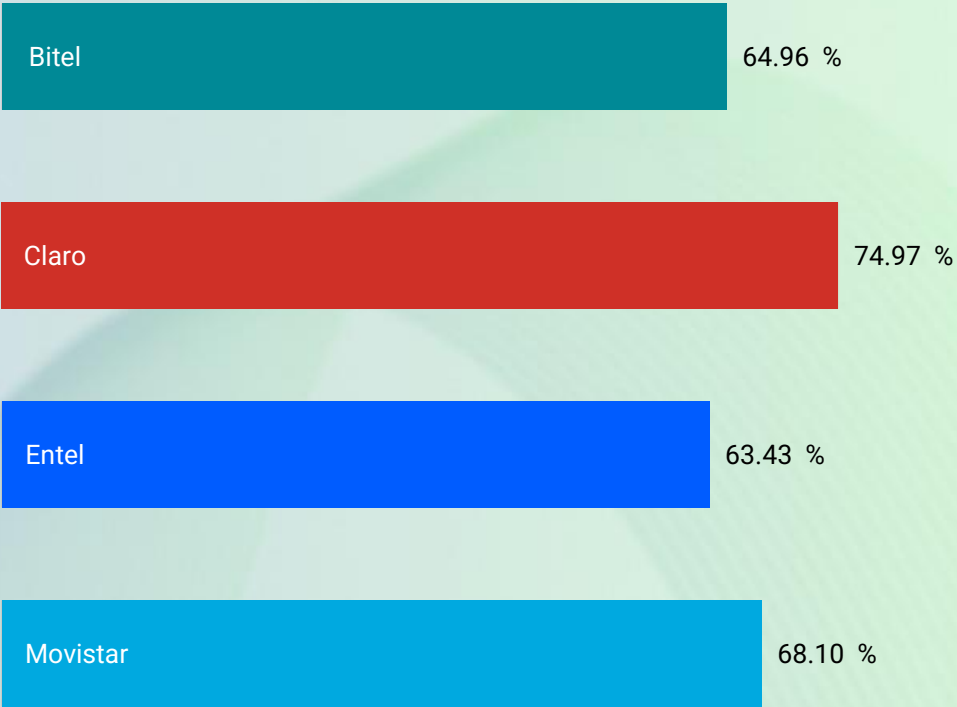
Source : nPerf.com

The subscribers of Claro enjoyed the best mobile Internet streaming performance in 2025.
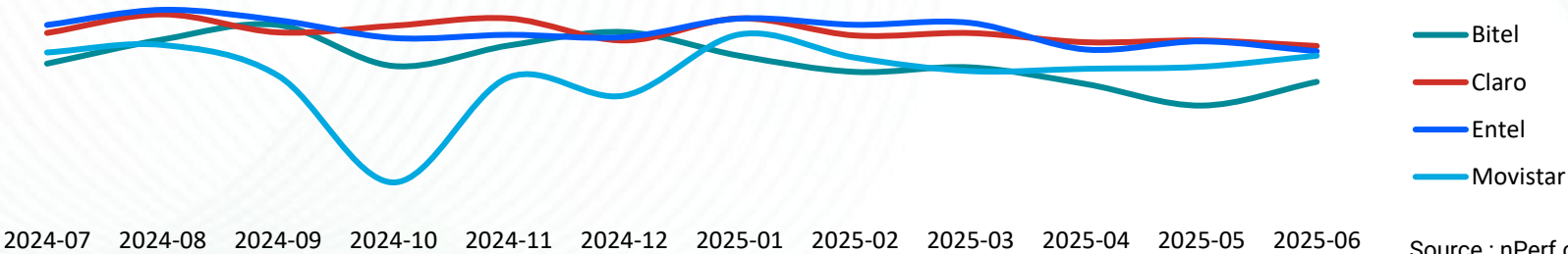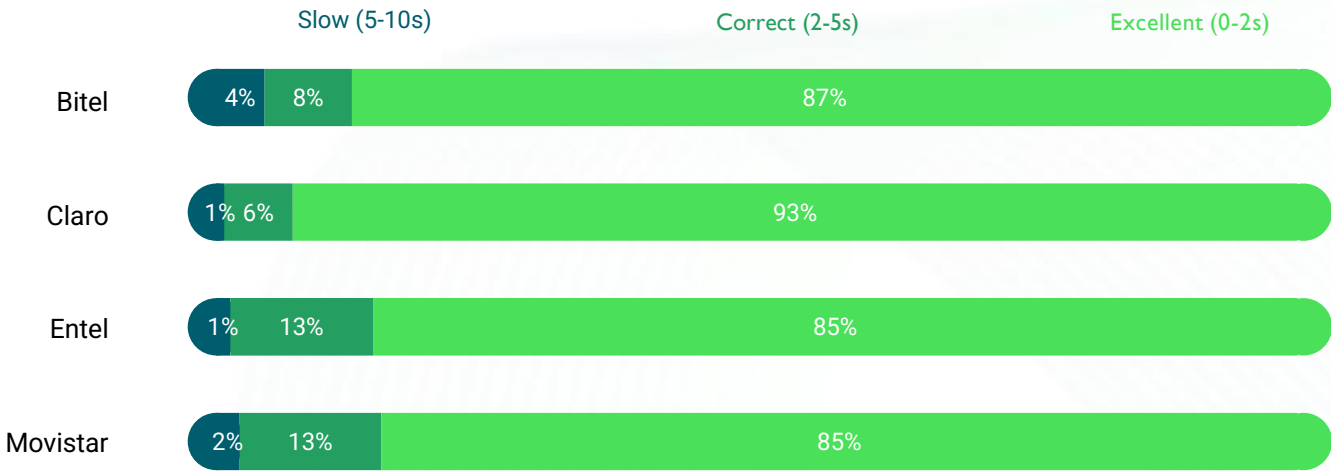
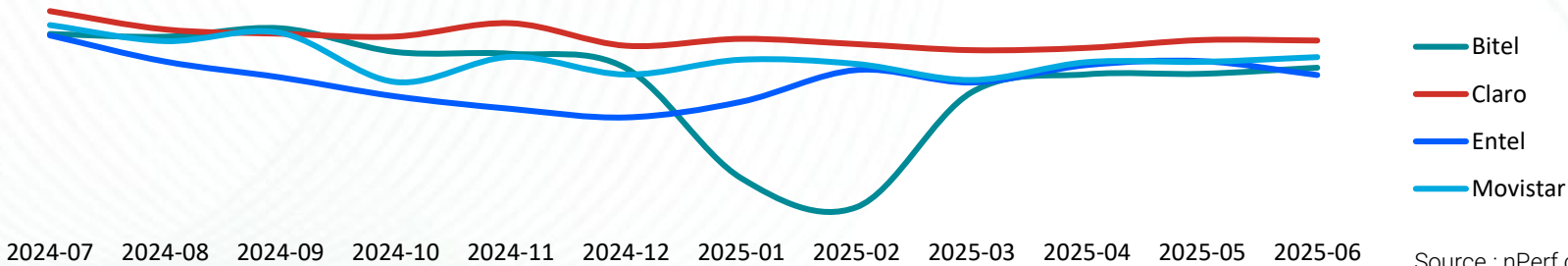## Streaming Performance results ventilation (average)

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

Operator	Slow	Correct	Excellent
Bitel	4%	8%	87%
Claro	1%	6%	93%
Entel	1%	13%	85%
Movistar	2%	13%	85%

Source : nPerf.com

Streaming Performance rate (average)

Busy Time	Operator	Idle Time
63.21 %	Bitel	65.82 %
71.20 %	Claro	76.23 %
58.27 %	Entel	65.37 %
63.45 %	Movistar	69.63 %

Source : nPerf.com

Streaming performance rate (average) evolution over the year

Legend: Bitel, Claro, Entel, Movistar

X-axis: 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

Download Speed (average)

Operator	Speed
Bitel	20.57 Mb/s
Claro	26.88 Mb/s
Entel	21.40 Mb/s
Movistar	17.06 Mb/s
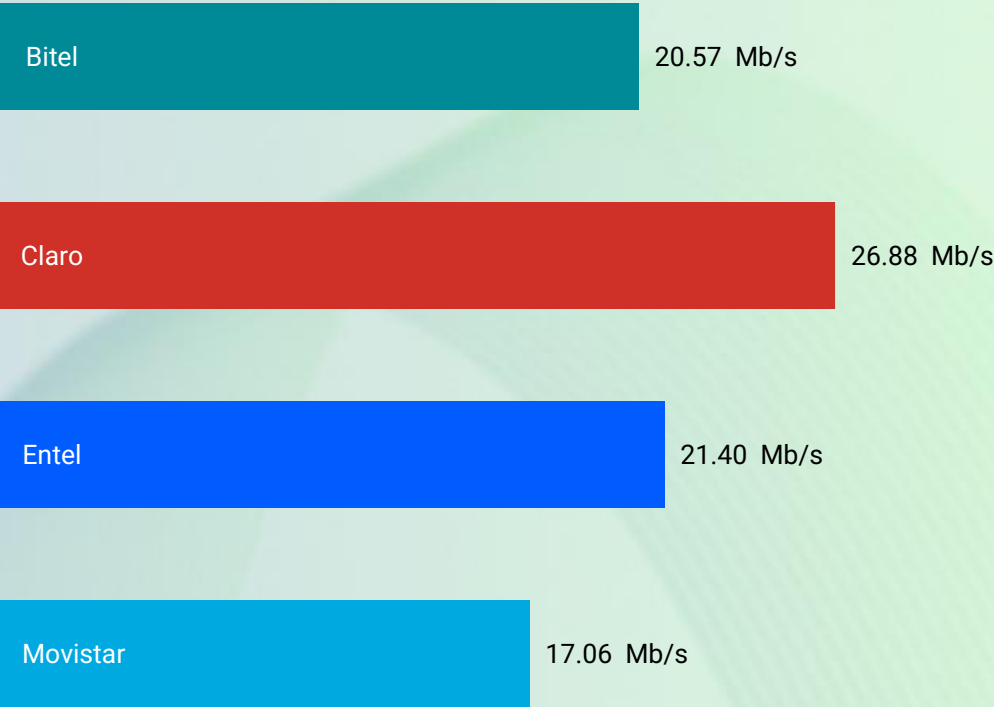
Source : nPerf.com

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

Download Speed results ventilation (average)

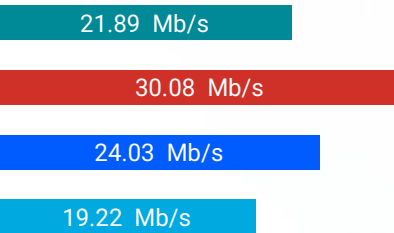|	Low (0-10 Mb/s)	Correct (10-25 Mb/s)	Excellent (25+ Mb/s)
Bitel	40%	23%	37%
Claro	37%	21%	42%
Entel	43%	21%	36%
Movistar	47%	24%	29%

Source : nPerf.com

Download Speed (average)

	Busy Time		Idle Time
Bitel	17.46 Mb/s		21.89 Mb/s
Claro	17.80 Mb/s		30.08 Mb/s
Entel	15.50 Mb/s		24.03 Mb/s
Movistar	11.37 Mb/s		19.22 Mb/s
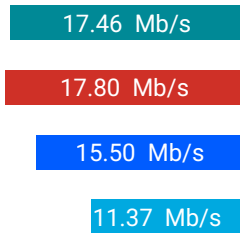
Source : nPerf.com

Download Speed evolution over the year (average)

Legend: Bitel, Claro, Entel, Movistar

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 : Upload

Upload Speed (average)

- Bitel — 7.63 Mb/s
- Claro — 11.75 Mb/s
- Entel — 15.19 Mb/s
- Movistar — 10.57 Mb/s
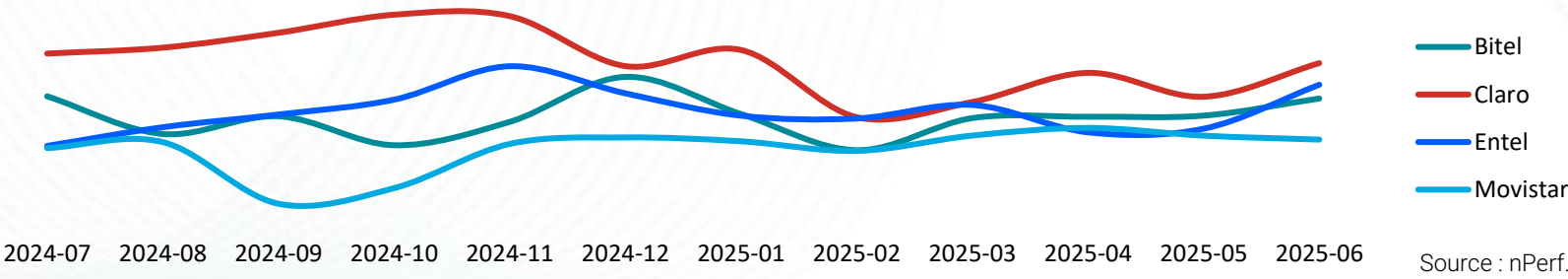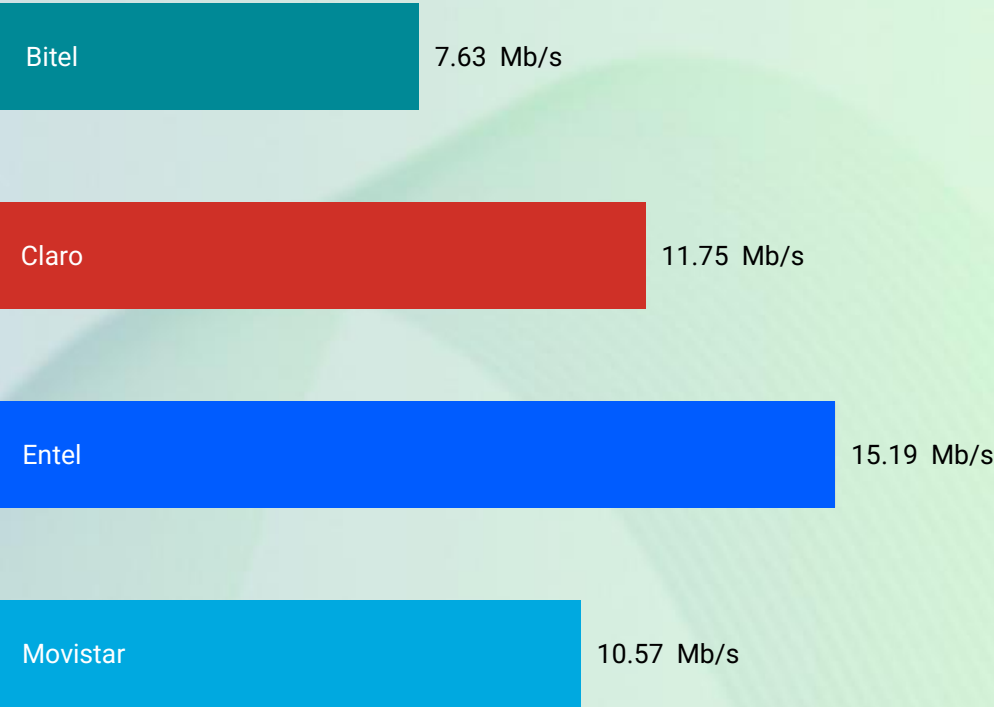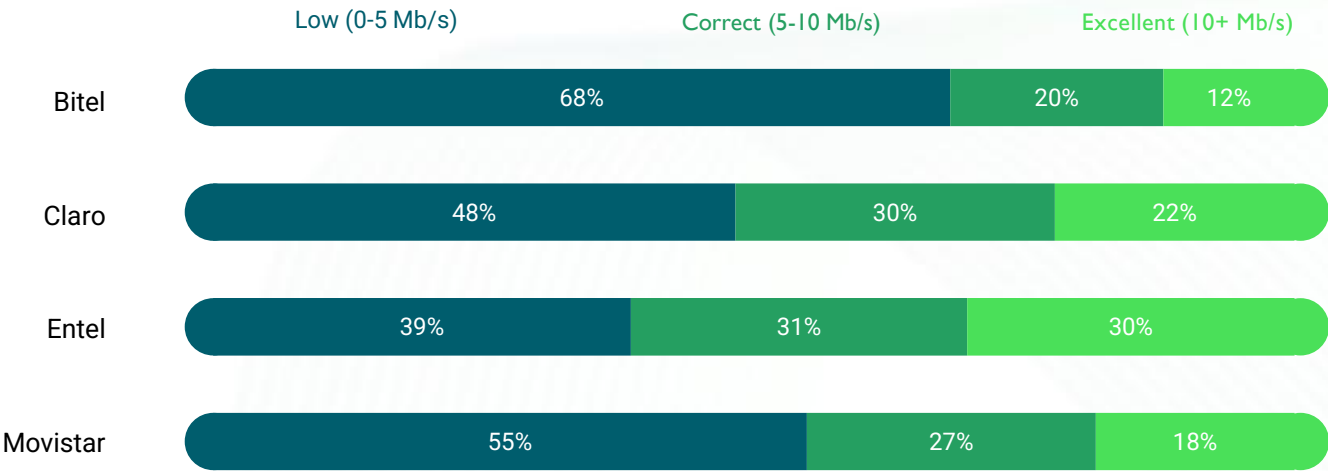
Source : nPerf.com

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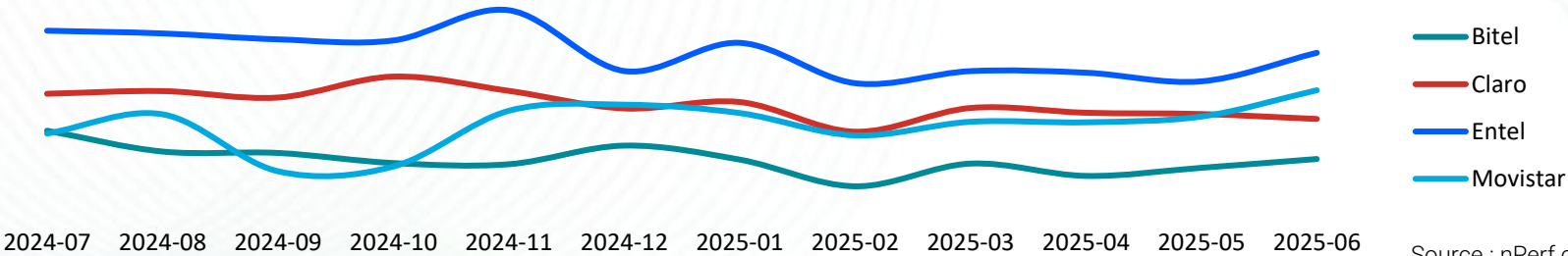
Upload Speed results ventilation (average)

Low (0-5 Mb/s)   Correct (5-10 Mb/s)   Excellent (10+ Mb/s)

Operator	Low	Correct	Excellent
Bitel	68%	20%	12%
Claro	48%	30%	22%
Entel	39%	31%	30%
Movistar	55%	27%	18%

Source : nPerf.com

Upload Speed (average)

	Busy Time	Idle Time
Bitel	6.36 Mb/s	8.14 Mb/s
Claro	9.90 Mb/s	12.25 Mb/s
Entel	14.02 Mb/s	15.78 Mb/s
Movistar	8.59 Mb/s	11.36 Mb/s

Source : nPerf.com

Upload Speed evolution over the year (average)
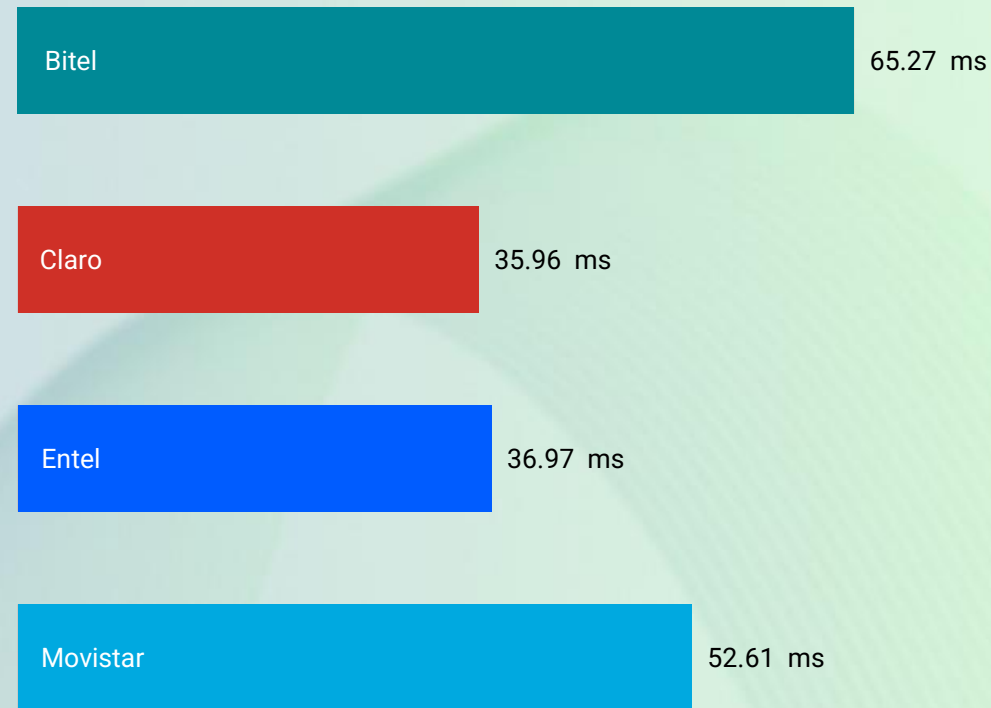
Legend: Bitel, Claro, Entel, Movistar. Months: 2024-07 to 2025-06

Source : nPerf.com

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Speed : Latency

Latency Speed (average)

Operator	Latency
Bitel	65.27 ms
Claro	35.96 ms
Entel	36.97 ms
Movistar	52.61 ms

Source : nPerf.com

The subscribers of Claro and Entel enjoyed the best average mobile Internet latency speed in 2025.

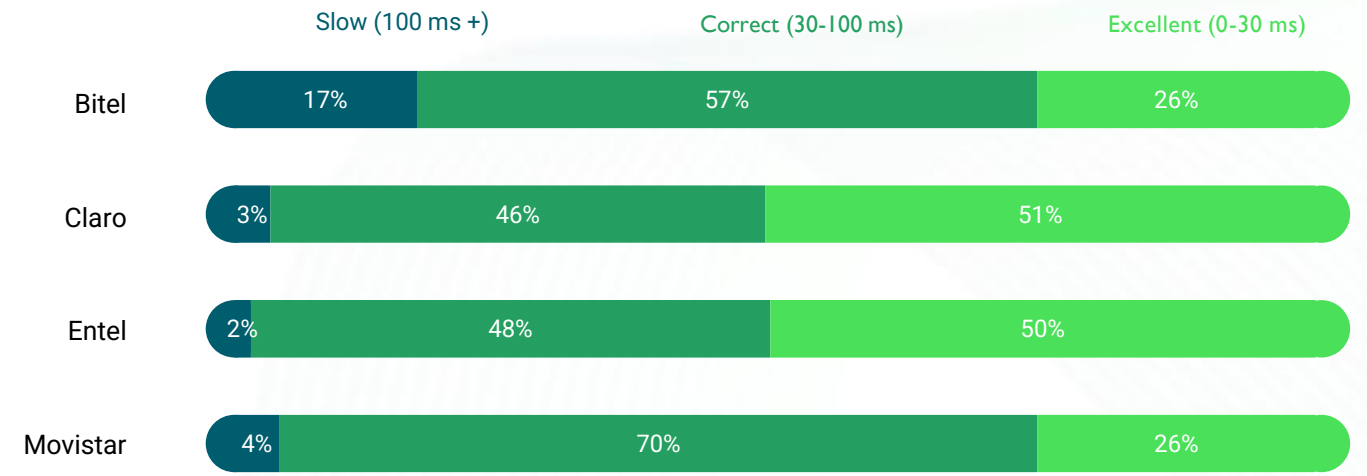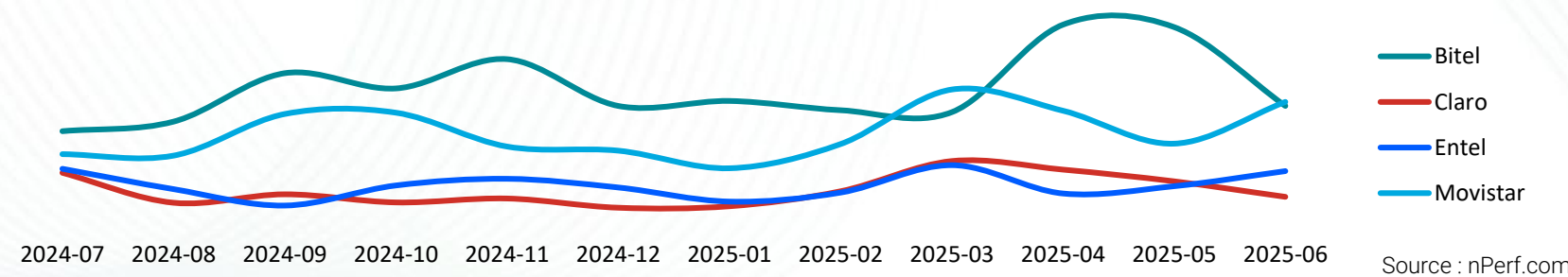### Latency Speed results ventilation (average)

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

Operator	Slow (100 ms +)	Correct (30-100 ms)	Excellent (0-30 ms)
Bitel	17%	57%	26%
Claro	3%	46%	51%
Entel	2%	48%	50%
Movistar	4%	70%	26%

Source : nPerf.com

Latency Speed (average)

Busy Time	Operator	Idle Time
71.28 ms	Bitel	63.24 ms
36.53 ms	Claro	35.80 ms
41.15 ms	Entel	35.51 ms
52.39 ms	Movistar	51.38 ms

Source : nPerf.com

Latency Speed evolution over the year (average)
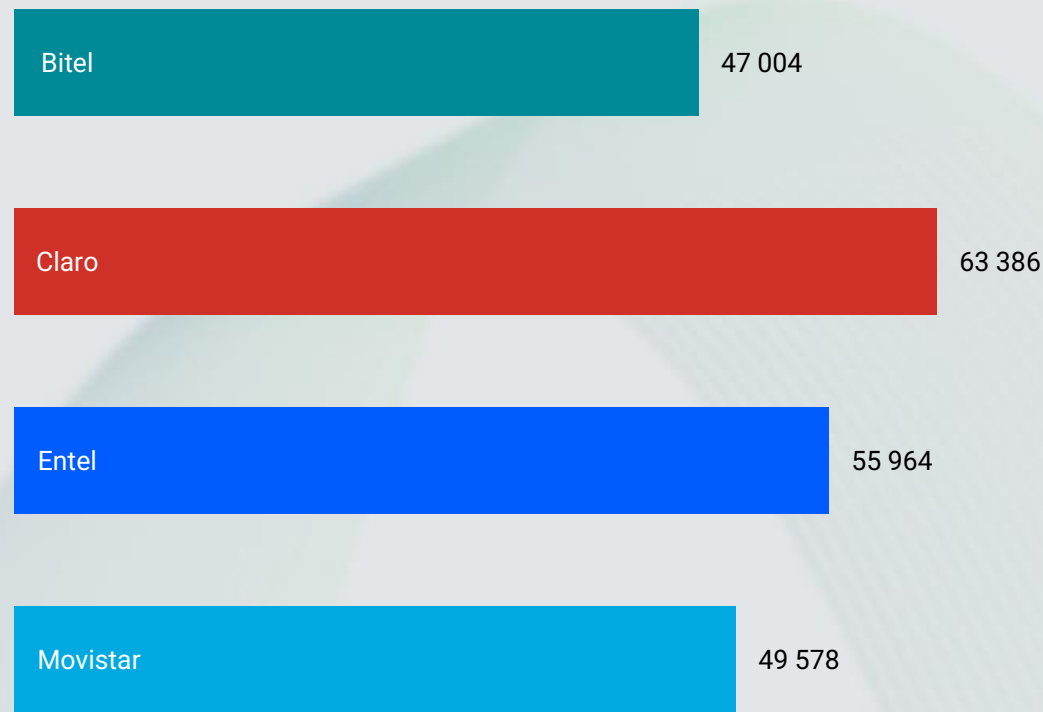
Legend: Bitel, Claro, Entel, Movistar

X-axis: 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

nPerf Score (nPoints)

Bitel — 47 004
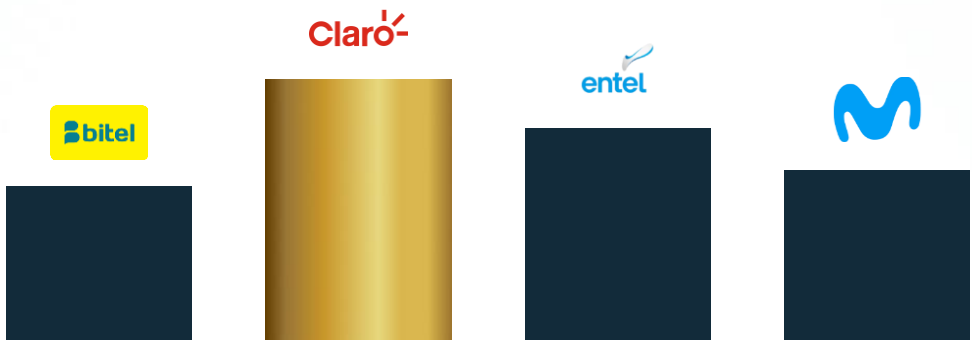Claro — 63 386
Entel — 55 964
Movistar — 49 578

Source : nPerf.com

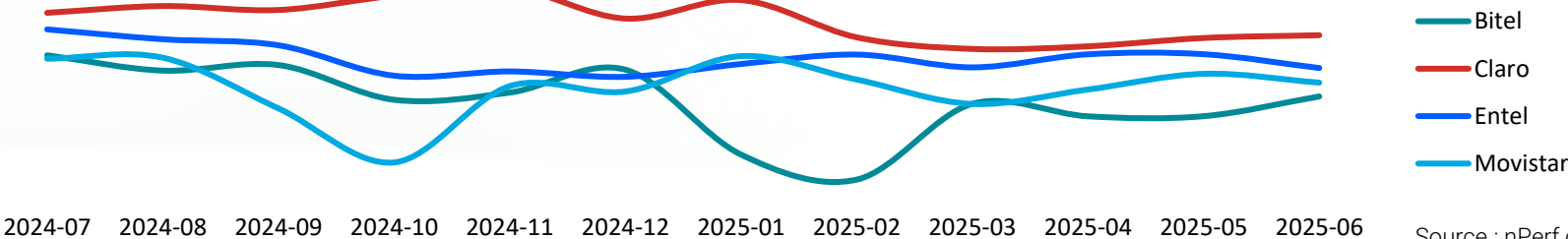The subscribers of Claro enjoyed the best 4G Internet performances in 2025.

- Best performances 4G: Claro
- Best web browsing performances 4G: Claro and Entel
- Best video streaming performances 4G: Claro
- Fastest performances (Download) 4G: Claro
- Fastest performances (Upload) 4G: Entel
- 4G connections with the lowest latency: Claro
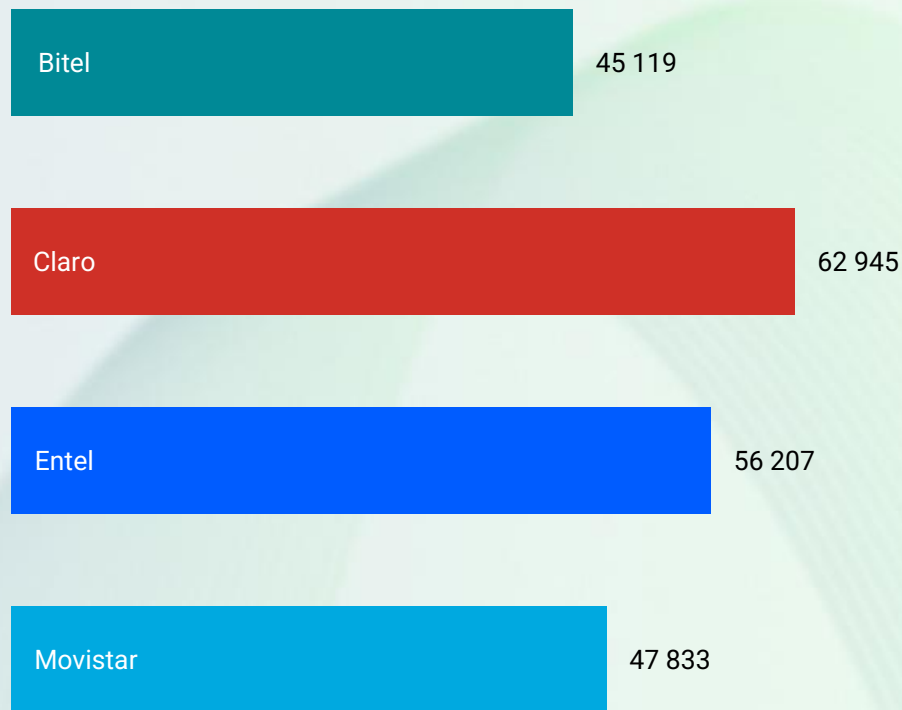
Source : nPerf.com

Source : nPerf.com

nPerf score evolution over the year (average)

Bitel
Claro
Entel
Movistar

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

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Mobile Internet performance in Peru

nPerf Score (nPoints)

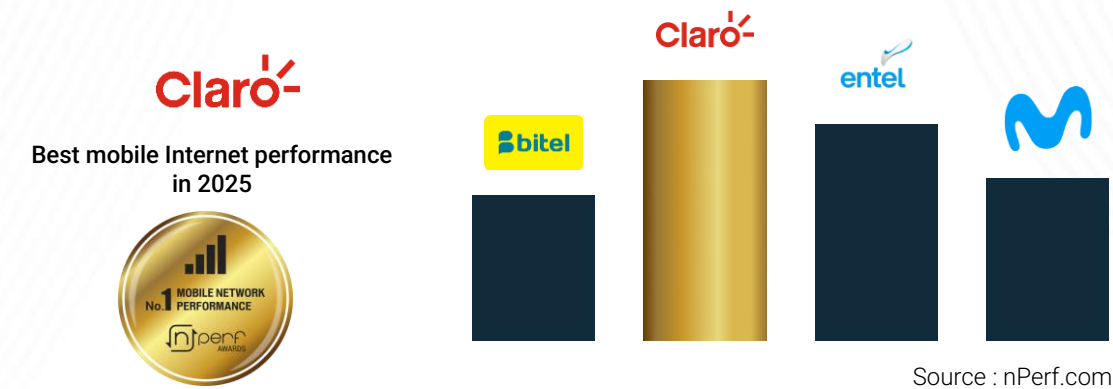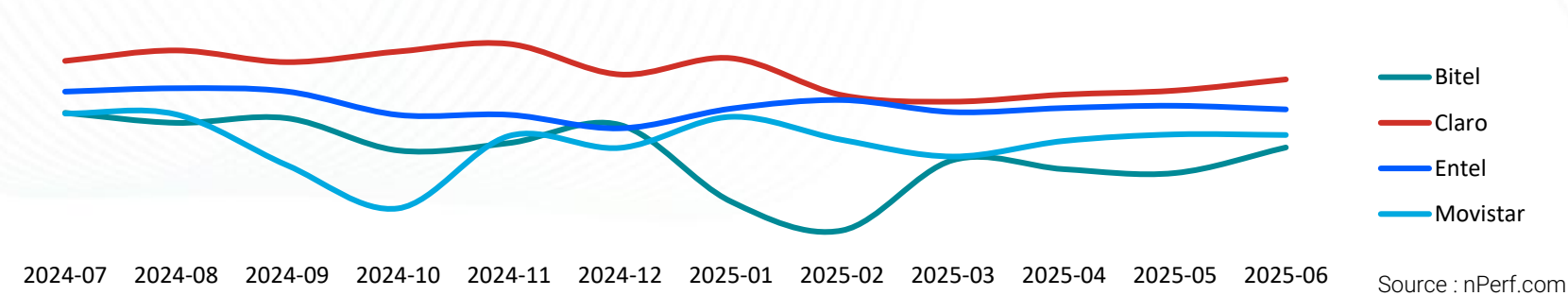| Operator	Score
Bitel	45 119
Claro	62 945
Entel	56 207
Movistar	47 833

Source : nPerf.com

The subscribers of Claro 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

Claro
Best mobile Internet performance in 2025

No.1 MOBILE NETWORK PERFORMANCE

bitel · Claro · entel · Movistar

Source : nPerf.com

nPerf score evolution over the year (average)

Legend: Bitel, Claro, Entel, Movistar

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