



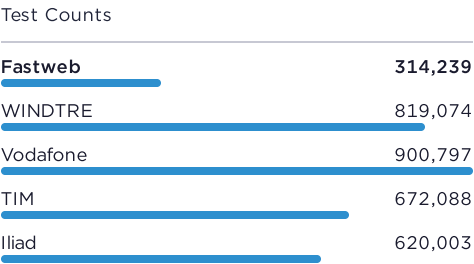
Fastweb is Italy's Speedtest Awards™ Winner for mobile network speed during Q3—Q4 2023

93.56

Speed Score™

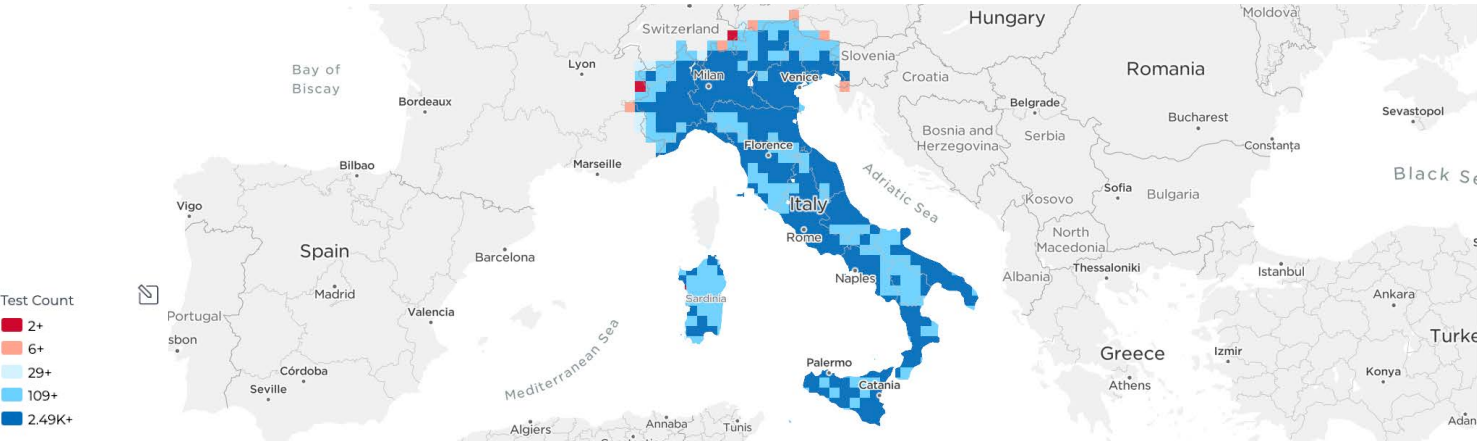
100.10
Median Speed Mbps

12.34
Median Speed Mbps

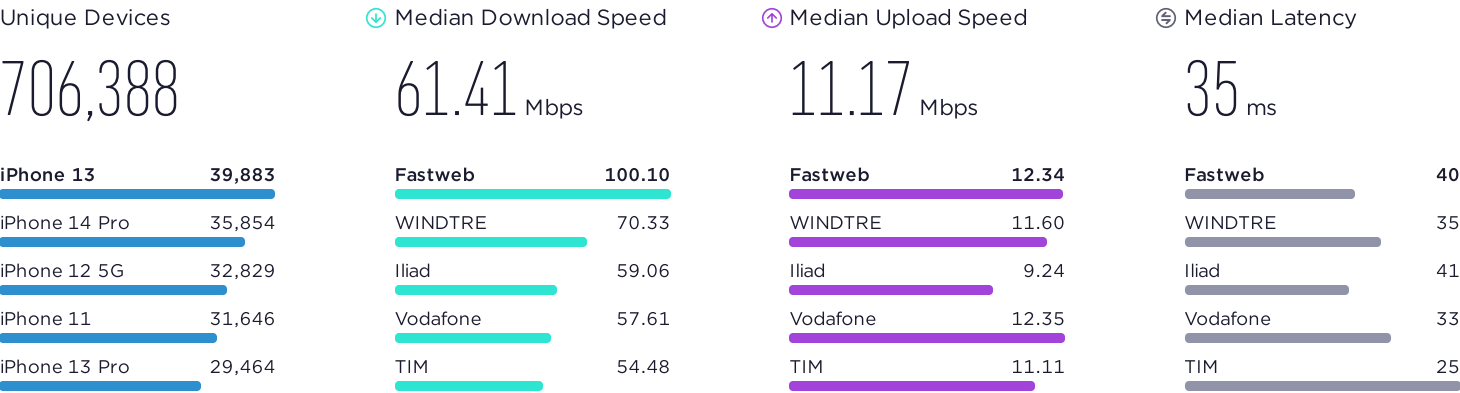


Tests Taken

Ookla® compared 3,490,440 user-initiated tests taken on the Speedtest iOS and Android mobile apps from all the major mobile carriers in Italy during the award period to determine who showed the fastest mobile network speeds.



Market Statistics



How Speed Score™ Works

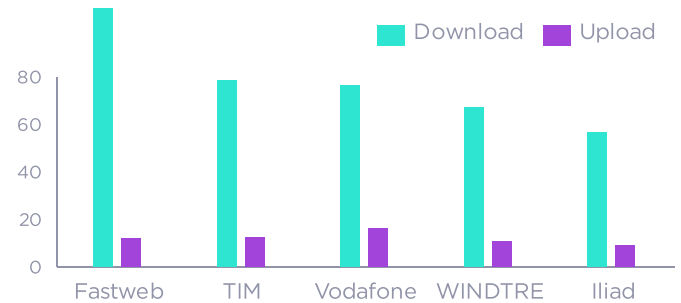
When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the entire market for the full award period). We then determine the fastest carrier using Speed Score for results which incorporates a measure of each provider's download and upload speed to rank network speed performance (80% of the final Speed Score is attributed to download speed and the remaining 20% to upload speed). The Speed Score uses a modified trimean to demonstrate the download and upload speeds that are available across a provider's network. We take speeds from the 10th percentile, 50th percentile (also known as the median), and 90th percentile, and combine them in a weighted average using a 1:8:1 ratio, respectively. We place the most emphasis on the download speeds and median speeds as those represent what most network providers' customers will experience on a day-to-day basis.

	Download Trimean	90th Percentile	50th Percentile	10th Percentile	Upload Trimean	90th Percentile	50th Percentile	10th Percentile
Fastweb	113.51	322.18	100.10	12.11	13.75	36.93	12.34	1.87
WINDTRE	85.44	281.93	70.33	9.82	13.08	36.26	11.60	1.79
Vodafone	77.78	307.37	57.61	9.59	14.15	41.09	12.35	1.65
TIM	69.86	256.74	54.48	6.03	12.79	37.73	11.11	1.26
Iliad	63.88	157.24	59.06	9.08	10.00	24.23	9.24	1.85

City Network Speeds

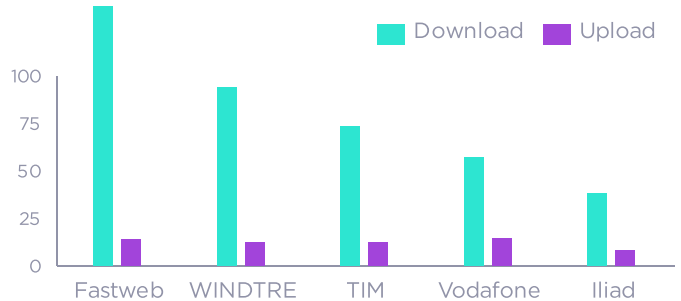
Rome

Carrier	Download Mbps	Upload Mbps
Fastweb	109.03	11.87
TIM	78.49	12.33
Vodafone	76.36	16.37
WINDTRE	67.01	10.58
Iliad	56.75	9.00



Naples

Carrier	Download Mbps	Upload Mbps
Fastweb	155.60	13.84
WINDTRE	94.18	12.47
TIM	73.30	12.62
Vodafone	57.26	14.59
Iliad	38.00	8.09



Florence

Carrier	Download Mbps	Upload Mbps
Fastweb	84.01	16.04
WINDTRE	58.28	12.75
Iliad	55.45	9.30
TIM	50.92	11.34
Vodafone	47.35	13.95

