



KPN Mobile is Netherlands' Speedtest Awards™ Winner for mobile network speed during Q3–Q4 2022

120.62

Speed Score™

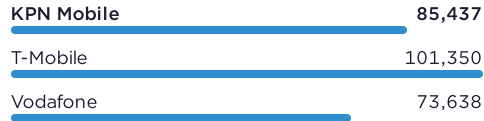
126.07  
Median Speed Mbps

18.54  
Median Speed Mbps

Speed Score™

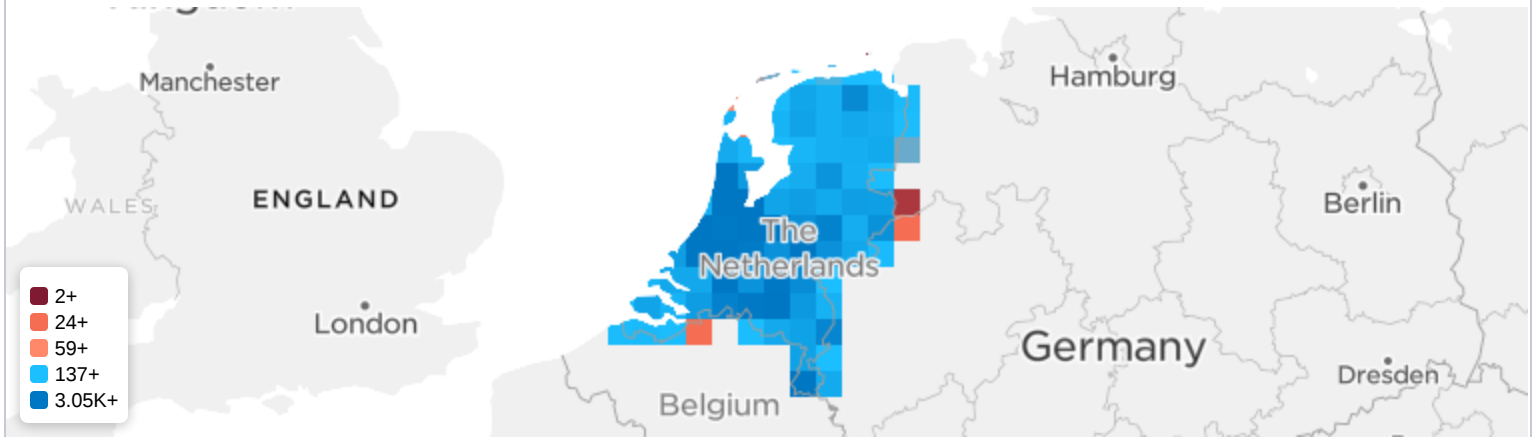


Test Counts



### Tests Taken

Ookla® compared 264,489 user-initiated tests taken on the Speedtest iOS and Android mobile apps from all the major mobile carriers in Netherlands during the award period to determine who showed the fastest mobile network speeds.



### Market Statistics

Unique Devices

103,603

iPhone 13 Pro	6,691
iPhone 12 5G	6,544
iPhone 13	6,303
iPhone 11	5,605
iPhone 12 Pro 5G	5,345

Median Download Speed

105.24 Mbps

KPN Mobile	126.07
T-Mobile	117.23
Vodafone	80.74

Median Upload Speed

15.84 Mbps

KPN Mobile	18.54
T-Mobile	18.32
Vodafone	12.90

Median Latency

23 ms

KPN Mobile	22
T-Mobile	24
Vodafone	25

## 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
KPN Mobile	144.54	277.65	142.77	25.58	24.95	70.02	22.11	2.58
T-Mobile	134.04	270.55	131.07	21.29	24.12	65.95	21.56	2.81
Vodafone	89.96	192.63	86.22	17.19	15.88	47.79	13.61	2.11

## City Network Speeds

### Utrecht

Carrier	Download Mbps	Upload Mbps
<b>KPN Mobile</b>	<b>123.33</b>	<b>18.70</b>
T-Mobile	101.68	18.56
Vodafone	72.92	11.88

