

Cosmote is Greece's Speedtest Awards™ Winner for mobile network speed during Q1—Q2 2022

 $\frac{130.03}{\text{Speed Score}^{\text{TM}}}$ 

♦ 82.94

Median Speed Mbps

| Vodafone         50.           WIND         50.           Test Counts         323,2           Vodafone         158,9 | Speed Score™ |         |
|--|--------------|---------|
| Test Counts  Cosmote 323,2  Vodafone 158,9   | Cosmote      | 130.03  |
| Test Counts  Cosmote 323,2  Vodafone 158,9   | Vodafone     | 50.63   |
| Cosmote         323,2           Vodafone         158,9   | WIND         | 50.16   |
| Vodafone 158,9   | Test Counts  |         |
|  | Cosmote      | 323,283 |
| WIND 83,2  | Vodafone     | 158,943 |
|  | WIND         | 83,277  |



### Tests Taken

Ookla® compared 565,503 user-initiated tests taken on the Speedtest iOS and Android mobile apps from all the major mobile carriers in Greece during the award period to determine who showed the fastest mobile network speeds.



## Market Statistics

Unique Devices

122,730

| iPhone 13 Pro Max       | 5,295 |
|-------------------------|-------|
| iPhone 12 Pro Max<br>5G | 5,168 |
| iPhone 11               | 3,365 |
| iPhone 12 5G            | 3,229 |
| Redmi Note 9 Pro        | 2,714 |

Median Download Speed

58.21 Mbps

| Cosmote  | 82.94 |
|----------|-------|
| Vodafone | 37.33 |
| WIND     | 35.95 |

Median Upload Speed

 $13.16_{\,\mathrm{Mbps}}$ 

| Cosmote  | 14.72 |
|----------|-------|
| Vodafone | 11.59 |
| WIND     | 10.64 |

Median Latency

 $22 \, \text{ms}$ 

| Cosmote  | 21 |
|----------|----|
| Vodafone | 23 |
| WIND     | 23 |

# How Speed Score™ Works

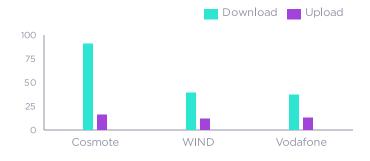
When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the entire market for the full award period). We then determine the fastest carrier using Speed Score for results which incorporates a measure of each provider's download and upload 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.

|          | <b>♦</b> Download<br>Trimean | 90th<br>Percentile | 50th<br>Percentile | 10th<br>Percentile | ① Upload<br>Trimean | 90th<br>Percentile | 50th<br>Percentile | 10th<br>Percentile |
|----------|------------------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|
| Cosmote  | 157.62                       | 479.25             | 133.89             | 25.80              | 19.70               | 53.55              | 17.60              | 2.62               |
| Vodafone | 59.29                        | 168.14             | 51.87              | 9.77               | 15.99               | 46.25              | 13.94              | 2.13               |
| WIND     | 59.05                        | 154.04             | 53.17              | 11.09              | 14.59               | 39.05              | 13.08              | 2.20               |

### City Network Speeds

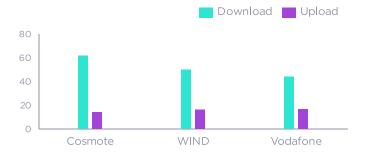
#### **Athens**

| Carrier  | ◆ Download Mbps | (1) Upload Mbps |  |
|----------|-----------------|-----------------|--|
| Cosmote  | 90.71           | 16.05           |  |
| WIND     | 38.99           | 11.74           |  |
| Vodafone | 37.00           | 12.65           |  |



#### Thessaloniki

| Carrier  | ◆ Download Mbps | (1) Upload Mbps |
|----------|-----------------|-----------------|
| Cosmote  | 61.89           | 14.04           |
| WIND     | 49.70           | 16.29           |
| Vodafone | 44.20           | 16.60           |



#### **Pireas**

| Carrier  | ◆ Download Mbps | ① Upload Mbps |  |
|----------|-----------------|---------------|--|
| Cosmote  | 125.17          | 23.92         |  |
| WIND     | 62.68           | 20.66         |  |
| Vodafone | 58,62           | 22,85         |  |

