

Ookla's Coverage Metrics describe the user's mobile experience with their cellular network. Coverage Score™ incorporates a measure of each provider's service and footprint within the country. See next page for more detail.

	Coverage Score		Scan Counts	
6	KPN Mobile	816	KPN Mobile	102,189,191
	T-Mobile	710	T-Mobile	103,722,905
age	Vodafone	584	Vodafone	68,823,765



KPN Mobile's General Service	KPN Mobile's 4G Service	
Places that showed general service within the country.	Places that showed 4G service within the country.	
Service % 0 & below 0 to 25 25 to 50 50 to 75 75 to 100 100 & above Belgium	The Netherlands	

Coverage Statistics

499,116,446 761,641 760,990 549,065 761,606 Total Locations Observed Device Count Scan Count Locations with Service Locations with 4G General **Total Locations** Service 4G Service Carrier Observed **KPN Mobile** 622,185 622,175 621,293 T-Mobile 541,172 541,167 540,476 445,143 Vodafone 445,092 444,455 400000 600000 800000



How Coverage Score Works

Ookla's Coverage Score captures both the number of locations in which an operator offers service (its footprint) and the quality of service in each location. Metrics are calculated using locations where coverage scans were contributed by Android Speedtest users. A location is an area that is equivalent to approximately 100 x 100m (about the size of a New York City block). To minimize the impact of misconfigured or underperforming devices, we require coverage scans from at least two devices at each location.

These features are determined using data from coverage scans, which capture the real-time network conditions of Android Speedtest users across the globe. An operator's footprint is the fraction of locations within a given market where a device has access to service. Each location is assigned a score based equally on the general and 4G service. For example, if a provider offered non-4G service in a location, that location would receive a score of 1/2. The overall Coverage Score for an operator is its footprint multiplied by the average quality score across its observed locations. Further, a multiplier is applied to the Coverage Score so that it is scaled from 0 to 1000 to avoid confusion that it could represent the percentage of an area or population with coverage.

Coverage Maps

