

MOBILE NETWORK QUALITY REPORT SOUTH AFRICA Q4 2020

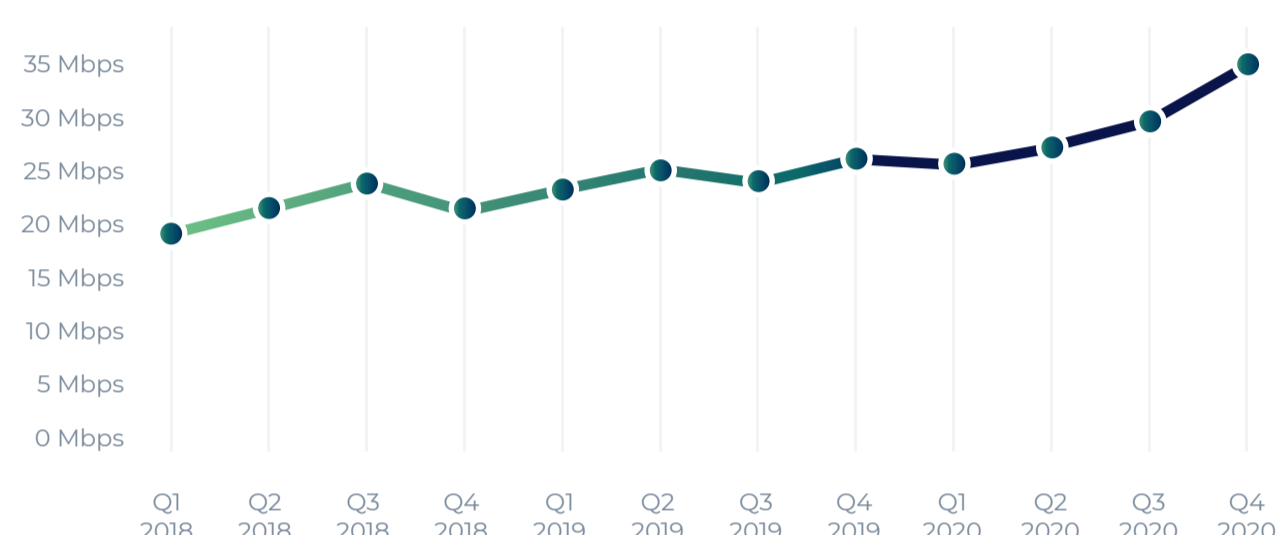
13,163 unique MyBroadband Android Speed Test App users conducted 358,064 speed tests during Q4 2020. The results show that MTN has the best mobile network in South Africa. MTN also has the best network in Tshwane, Johannesburg, Cape Town, and Durban.



South Africa's Average Mobile Network Performance

↓ Download Speed 34.48 Mbps
 ↑ Upload Speed 13.23 Mbps
 ↻ Latency 32 ms

Average Download Speed Trend



Mobile Network Quality Scores

Network Operator	Network Quality Score
MTN	9.89
Vodacom	5.91
Telkom	4.95
Cell C	4.02
Rain	3.69

Mobile Network Performance

Network Operator	Download (Mbps)	Upload (Mbps)	Latency (ms)	Network Quality Score
MTN	64.31	25.21	32	9.89
Vodacom	33.71	11.06	32	5.91
Telkom	25.74	6.96	30	4.95
Cell C	18.79	9.07	39	4.02
Rain	11.41	9.72	33	3.69

Change in download speed

Network Operator	Q3 Download (Mbps)	Q4 Download (Mbps)	Change (%)
MTN	55.11	64.31	↑ 16.69%
Vodacom	29.80	33.71	↑ 13.89%
Telkom	23.60	25.74	↑ 9.07%
Cell C	17.82	18.79	↑ 5.44%
Rain	10.02	11.41	↑ 13.87%

Methodology

The MyBroadband Network Quality Report is based on results from MyBroadband's Android Speed Test App which were recorded between 1 October 2020 and 31 December 2020. The download speed (60%), upload speed (20%), and latency (20%) are used to calculate a Network Quality Score. The network score is a value which shows the relative performance of networks, with a maximum score of 10. To ensure accurate results, unnatural results are filtered out, and cell down-sampling is used.