

Network Service Quality Performance Report for the Quarter ending June 2018

Name of Service Area / City	Network Availability		Connection Establishment (Accessibility)			Connection Maintenance (Retainability)			POI
	BS Accumulated down-time (not available for service) (%age)	Worst affected BSs due to down-time (%age)	Call Set-up Success Rate and Session Establishment Success Rate for Circuit Switched Voice or VoLTE as applicable(within licensee's own network)	SDCCH/ Paging Channel Congestion/ RRC Congestion (%age)	TCH, RAB and E-RAB Congestion (%age)	Network QoS DCR Spatial Distribution Measure [Network_QSD(90,90)]	Network QoS DCR Temporal Distribution Measure [Network_QTD(97,90)]	Connections with good voice quality, Circuit Switched Voice Quality and VoLTE quality	Point of Interconnection (POI) Congestion (on individual POI) - No. of POIs not meeting the benchmark
1	5	7	8	9	10	13	14	15	16
Benchmark	≤ 2%	≤ 2%	≥ 95%	≤ 1%	≤ 2%	≤ 2%	≤ 3%	≥ 95%	≤ 0.5%
Andhra Pradesh	0.09	0.11	99.62	0.002	0.003	0.36	0.54	99.91	0
Assam	0.44	1.39	99.53	0.001	0.006	0.50	0.62	99.88	0
Bihar	0.36	1.50	99.46	0.001	0.006	0.58	0.69	99.87	0
Delhi	0.16	0.48	99.57	0.002	0.005	0.23	0.33	99.90	0
Gujarat	0.15	0.56	99.56	0.002	0.003	0.42	0.56	99.90	0
Haryana	0.25	0.86	99.60	0.000	0.003	0.45	0.61	99.93	0
Himachal Pradesh	0.09	0.22	99.52	0.000	0.001	0.40	0.52	99.92	0
Jammu And Kashmir	0.13	0.27	99.56	0.000	0.008	0.60	0.77	99.91	0
Karnataka	0.27	1.01	99.61	0.000	0.002	0.47	0.63	99.90	0
Kerala	0.12	0.13	99.65	0.000	0.001	0.47	0.76	99.89	0
Kolkata	0.10	0.26	99.59	0.002	0.006	0.22	0.34	99.91	0
Madhya Pradesh	0.28	1.10	99.58	0.002	0.002	0.43	0.55	99.91	0
Maharashtra	0.36	1.29	99.56	0.003	0.003	0.47	0.60	99.89	0
Mumbai	0.20	0.85	99.52	0.008	0.015	0.23	0.33	99.90	0
North East	0.86	1.63	99.51	0.005	0.005	0.77	1.47	99.88	0
Odisha	0.28	0.47	99.56	0.003	0.003	0.42	0.59	99.90	0
Punjab	0.09	0.35	99.57	0.000	0.001	0.18	0.28	99.95	0
Rajasthan	0.09	0.22	99.55	0.001	0.003	0.53	0.68	99.92	0
Tamil Nadu	0.04	0.04	99.62	0.001	0.001	0.25	0.38	99.93	0
Uttar Pradesh (East)	0.40	1.61	99.40	0.002	0.004	0.48	0.58	99.89	0
Uttar Pradesh (West)	0.30	1.46	99.49	0.006	0.002	0.62	0.78	99.90	0
West Bengal	0.34	1.30	99.53	0.003	0.004	0.64	0.88	99.83	0

BS - Base Station and includes BTS, Node B and eNodeB.

RRC —Radio Resource Controller

RAB—Radio Access Bearer

eNodeB - Evolved Node B

BTS - Base Transceiver Station

Node B - A Base Station that acts as a logical node in a Universal Terrestrial Access Network based on Wideband CDMA(WCDMA) technology.