

Network Service Quality Performance Report for the Quarter ending June 2019

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	0.08	0.09	99.61	0.003	0.000	0.26	0.34	99.92	0
Assam	0.41	1.38	99.55	0.001	0.001	0.50	0.61	99.85	0
Bihar	0.20	0.54	99.50	0.001	0.001	0.42	0.54	99.89	0
Delhi	0.09	0.26	99.63	0.001	0.000	0.16	0.24	99.92	0
Gujarat	0.16	0.53	99.55	0.001	0.000	0.30	0.41	99.92	0
Haryana	0.08	0.36	99.58	0.000	0.000	0.35	0.52	99.95	0
Himachal Pradesh	0.11	0.35	99.60	0.002	0.000	0.23	0.36	99.95	0
Jammu And Kashmir	0.16	0.57	99.63	0.000	0.001	0.47	0.60	99.93	0
Karnataka	0.21	0.62	99.62	0.002	0.000	0.32	0.46	99.93	0
Kerala	0.08	0.11	99.70	0.001	0.000	0.28	0.50	99.91	0
Kolkata	0.03	0.04	99.62	0.003	0.000	0.17	0.25	99.93	0
Madhya Pradesh	0.23	0.91	99.60	0.001	0.000	0.40	0.51	99.89	0
Maharashtra	0.31	1.17	99.59	0.006	0.000	0.32	0.42	99.90	0
Mumbai	0.15	0.47	99.57	0.009	0.000	0.17	0.25	99.91	0
North East	0.92	1.34	99.51	0.003	0.000	0.72	1.00	99.88	0
Odisha	0.16	0.35	99.46	0.010	0.001	0.32	0.54	99.90	0
Punjab	0.10	0.36	99.55	0.000	0.004	0.18	0.30	99.95	0
Rajasthan	0.09	0.26	99.59	0.001	0.000	0.43	0.56	99.94	0
Tamil Nadu	0.04	0.10	99.60	0.002	0.000	0.25	0.34	99.93	0
Uttar Pradesh (East)	0.27	1.21	99.44	0.003	0.000	0.44	0.54	99.85	0
Uttar Pradesh (West)	0.18	0.87	99.53	0.002	0.000	0.41	0.52	99.92	0
West Bengal	0.17	0.20	99.48	0.002	0.000	0.58	0.74	99.86	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.