

Network Service Quality Performance Report for the Quarter ending June 2020

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	0.04	0.03	99.70	0.000	0.000	0.23	0.34	99.95	0
Assam	0.44	1.49	99.58	0.000	0.000	0.51	0.64	99.90	0
Bihar	0.24	0.93	99.32	0.000	0.000	0.40	0.49	99.93	0
Delhi	0.07	0.18	99.73	0.000	0.000	0.06	0.13	99.96	0
Gujarat	0.13	0.45	99.58	0.000	0.000	0.19	0.29	99.94	0
Haryana	0.15	0.60	99.67	0.000	0.000	0.25	0.39	99.96	0
Himachal Pradesh	0.11	0.48	99.70	0.000	0.000	0.17	0.29	99.97	0
Jammu And Kashmir	0.07	0.28	99.71	0.000	0.000	0.33	0.43	99.96	0
Karnataka	0.11	0.21	99.78	0.000	0.000	0.18	0.30	99.95	0
Kerala	0.06	0.07	99.73	0.000	0.000	0.14	0.42	99.94	0
Kolkata	0.06	0.12	99.73	0.005	0.001	0.13	0.26	99.96	0
Madhya Pradesh	0.27	1.25	99.66	0.000	0.000	0.35	0.45	99.92	0
Maharashtra	0.35	1.48	99.66	0.001	0.000	0.28	0.40	99.92	0
Mumbai	0.17	0.78	99.65	0.000	0.000	0.10	0.18	99.96	0
North East	1.10	1.72	99.55	0.001	0.001	0.69	0.94	99.92	0
Odisha	0.23	0.92	99.56	0.000	0.000	0.27	0.38	99.93	0
Punjab	0.08	0.26	99.63	0.000	0.000	0.10	0.18	99.97	0
Rajasthan	0.08	0.25	99.68	0.000	0.000	0.27	0.36	99.95	0
Tamil Nadu	0.02	0.01	99.70	0.000	0.000	0.15	0.26	99.96	0
Uttar Pradesh (East)	0.45	1.75	99.03	0.000	0.000	0.39	0.50	99.92	0
Uttar Pradesh (West)	0.18	0.86	99.36	0.000	0.000	0.35	0.45	99.94	0
West Bengal	0.24	0.87	99.42	0.001	0.000	0.55	0.71	99.92	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.