

Network Service Quality Performance Report for the Quarter ending September 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	0.06	0.12	99.60	0.003	0.004	0.35	0.43	99.91	0
Assam	0.50	1.59	99.55	0.001	0.005	0.55	0.64	99.86	0
Bihar	0.37	1.58	99.46	0.001	0.007	0.61	0.75	99.87	0
Delhi	0.18	0.76	99.53	0.002	0.006	0.28	0.38	99.88	0
Gujarat	0.13	0.40	99.58	0.003	0.004	0.44	0.57	99.89	0
Haryana	0.13	0.37	99.56	0.000	0.003	0.49	0.60	99.92	0
Himachal Pradesh	0.12	0.42	99.52	0.004	0.003	0.43	0.54	99.91	0
Jammu And Kashmir	0.13	0.40	99.55	0.000	0.010	0.66	0.71	99.91	0
Karnataka	0.20	0.95	99.66	0.001	0.003	0.41	0.52	99.91	0
Kerala	0.06	0.12	99.67	0.000	0.001	0.41	0.65	99.90	0
Kolkata	0.02	0.05	99.61	0.000	0.007	0.24	0.35	99.91	0
Madhya Pradesh	0.28	1.25	99.56	0.002	0.003	0.53	0.73	99.89	0
Maharashtra	0.27	1.38	99.58	0.004	0.003	0.47	0.60	99.87	0
Mumbai	0.16	0.94	99.52	0.007	0.007	0.24	0.34	99.89	0
North East	0.74	1.82	99.56	0.005	0.003	0.93	1.68	99.89	0
Odisha	0.21	0.71	99.62	0.002	0.003	0.43	0.54	99.90	0
Punjab	0.06	0.11	99.57	0.000	0.001	0.22	0.31	99.94	0
Rajasthan	0.06	0.09	99.52	0.001	0.005	0.76	0.92	99.91	1
Tamil Nadu	0.03	0.04	99.62	0.000	0.002	0.22	0.32	99.93	0
Uttar Pradesh (East)	0.49	1.46	99.32	0.006	0.004	0.53	0.64	99.88	0
Uttar Pradesh (West)	0.23	1.10	99.41	0.001	0.003	0.60	0.73	99.91	0
West Bengal	0.21	0.75	99.54	0.001	0.004	0.68	0.90	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.