

## Monthly TRAI Network Performance Report of Cellular Mobile Telephone Service - Network Service : CDMA

Report for the month : QE Jun'13

Name of the Service Provider : Tata Teleservices Ltd &amp; Tata Teleservices (Maharashtra) Ltd

Name of Regulations : The standards of Quality of Service for cellular mobile (wireless) ...Regulations, 2010 (1 of 2010)

Name of Service Area / City	Network Availability		Connection Establishment (Accessibility)			Connection Maintenance (Retainability)			POI
	BTSs Accumulated downtime (not available for service) (%age)	Worst affected BTSs due to downtime (%age)	Call Set-up Success Rate (within licensee's own network)	SDCCH/Paging Chl. Congestion (%age)	TCH Congestion (%age)	Call Drop Rate (%age)	Worst affected cells having more than 3% TCH drop (call drop) rate (%age)	%age of connection with good voice quality	Point of Interconnection (POI) Congestion (No. of POIs not meeting the benchmark Note :2)
1	2	3	4	5	6	7	8	9	10
<b>Benchmark</b>	<b>≤ 2%</b>	<b>≤ 2%</b>	<b>≥ 95%</b>	<b>≤ 1%</b>	<b>≤ 2%</b>	<b>≤ 2%</b>	<b>≤ 3%</b>	<b>≥ 95%</b>	<b>≤ 0.5%</b>
<i>The achievement of benchmark against each parameter is to be averaged over a period of one month as per the measurement methodology explained in Explanatory Memorandum to regulations</i>									
AP	0.04	0.00	99.23	0.00	0.00	0.44	0.70	98.69	0.00
BH	0.05	0.00	98.44	0.00	0.12	0.34	2.23	99.49	0.00
CHN	0.02	0.00	99.30	0.00	0.07	0.08	0.07	99.24	0.00
DLI	0.03	0.00	99.06	0.00	0.10	0.51	0.59	97.71	0.00
GUJ	0.01	0.00	97.76	0.00	1.21	0.59	1.30	99.13	0.00
HP	0.02	0.00	98.80	0.00	0.11	0.10	0.00	98.52	0.00
HR	0.02	0.00	98.46	0.00	0.17	0.31	1.09	99.20	0.00
KOL	0.07	0.00	98.50	0.00	0.06	0.65	2.49	98.01	0.00
KR	0.01	0.00	98.90	0.00	0.19	0.44	1.34	99.13	0.00
KTK	0.04	0.00	99.17	0.00	0.02	0.14	0.06	98.38	0.00
MH	0.03	0.05	97.75	0.00	0.79	1.03	2.30	97.11	0.00
MP	0.01	0.00	98.48	0.00	0.17	0.61	1.75	99.18	0.00
MBI	0.14	0.45	99.22	0.00	0.02	0.55	0.53	97.73	0.00
OR	0.05	0.00	98.29	0.00	0.13	0.38	0.67	99.13	0.00
PB	0.04	0.00	98.73	0.00	0.10	0.58	0.72	99.21	0.00
RAJ	0.04	0.00	98.65	0.00	0.33	0.51	2.16	99.58	0.00
TN	0.03	0.00	98.53	0.00	0.29	0.52	1.74	98.95	0.00
UPE	0.03	0.00	98.68	0.00	0.11	0.34	2.64	98.85	0.00
UPW	0.03	0.00	98.97	0.00	0.13	0.53	0.30	97.84	0.00
WB	0.05	0.00	97.93	0.00	0.35	0.44	1.27	99.01	0.00

## Monthly TRAI Network Performance Report of Cellular Mobile Telephone Service - Network Service : GSM

Report for the month : QE Jun'13

Name of the Service Provider : Tata Teleservices Ltd &amp; Tata Teleservices (Maharashtra) Ltd

Name of Regulations : The standards of Quality of Service for cellular mobile (wireless) ...Regulations, 2010 (1 of 2010)

Name of Service Area / City	Network Availability		Connection Establishment (Accessibility)			Connection Maintenance (Retainability)			POI
	BTSs Accumulated downtime (not available for service) (%age)	Worst affected BTSs due to downtime (%age)	Call Set-up Success Rate (within licensee's own network)	SDCCH/Paging Chl. Congestion (%age)	TCH Congestion (%age)	Call Drop Rate (%age)	Worst affected cells having more than 3% TCH drop (call drop) rate (%age)	%age of connection with good voice quality	Point of Interconnection (POI) Congestion (No. of POIs not meeting the benchmark Note :2)
1	2	3	4	5	6	7	8	9	10
<b>Benchmark</b>	<b>≤ 2%</b>	<b>≤ 2%</b>	<b>≥ 95%</b>	<b>≤ 1%</b>	<b>≤ 2%</b>	<b>≤ 2%</b>	<b>≤ 3%</b>	<b>≥ 95%</b>	<b>≤ 0.5%</b>
<i>The achievement of benchmark against each parameter is to be averaged over a period of one month as per the measurement methodology explained in Explanatory Memorandum to regulations</i>									
AP	0.08	0.43	98.56	0.06	0.26	0.64	2.44	98.61	0.00
BH	0.01	0.04	98.87	0.12	0.23	0.51	0.29	98.15	0.00
CHN	0.07	0.13	98.32	0.02	0.02	0.83	1.16	98.41	0.00
GUJ	0.01	0.00	98.36	0.01	0.00	0.73	1.49	98.61	0.00
HR	0.05	0.00	98.87	0.03	0.39	0.44	0.34	98.09	0.00
KOL	0.06	0.08	98.54	0.06	0.17	0.90	1.23	97.80	0.00
KR	0.01	0.03	98.95	0.01	0.04	0.57	0.87	98.14	0.00
KTK	0.06	0.06	98.84	0.02	0.10	0.64	2.39	98.41	0.00
MH	0.01	0.00	99.40	0.09	0.20	0.66	2.57	97.56	0.00
MBI	0.01	0.00	99.62	0.08	0.13	0.84	1.63	98.10	0.00
MP	0.00	0.00	98.47	0.06	0.05	0.67	1.48	98.46	0.00
OR	0.03	0.14	99.34	0.03	0.12	0.41	0.11	97.96	0.00
PB	0.07	0.10	99.32	0.00	0.02	0.47	0.76	97.93	0.00
RAJ	0.04	0.02	98.34	0.02	0.02	0.63	0.81	98.84	0.00
TN	0.09	0.27	98.64	0.04	0.02	0.53	0.67	98.53	0.00
UPE	0.03	0.00	98.02	0.11	0.78	0.73	1.42	97.51	0.00
UPW	0.07	0.02	98.91	0.06	0.19	0.61	1.66	98.05	0.00
WB	0.01	0.00	98.46	0.06	0.40	0.68	1.60	98.00	0.00
HP	0.00	0.00	98.76	0.00	0.00	1.53	0.00	97.38	0.00

## Monthly TRAI Network Performance Report of Cellular Mobile Telephone Service - Network Service : 3G

Report for the month : QE Jun'13

Name of the Service Provider : Tata Teleservices Ltd &amp; Tata Teleservices (Maharashtra) Ltd

Name of Regulations : THE STANDARDS OF QUALITY OF SERVICE OF BASIC TELEPHONE SERVICE (WIRELINE) AND CELLULAR MOBILE TELEPHONE SERVICE AMENDMENT REGULATIONS, 2012

Name of Service Area / City	Network Availability			Connection Establishment (Accessibility)			Connection Maintenance (Retainability)			POI
	Total no. of BTS and NodeBs in the licensed service area	BTSs and NodeBs Accumulated downtime (not available for service) (%age)	Worst affected BTSs and NodeBs due to downtime (%age)	Call Set-up Success Rate (within licensee's own network)	SDCCH/ Paging Chl. And RRC Congestion (%age)	TCH /Circuit Switched RAB Congestion (%age)	Call Drop Rate-Voice and Circuit Switched Voice Drop (%age)	Worst affected cells having more than 3% TCH drop (call drop) rate (%age)	%age of connection with good voice quality and Circuit Switched Voice Quality(%)	Point of Interconnection (POI) Congestion (No. of POIs not meeting the benchmark Note :2)
1	3	5	7	8	9	10		14	15	16
<b>Benchmark</b>		≤ 2%	≤ 2%	≥ 95%	≤ 1%	≤ 2%	≤ 2%	≤ 3%	≤ 1%	≤ 0.5%
<i>The achievement of benchmark against each parameter is to be averaged over a period of one month as per the measurement methodology explained in Explanatory Memorandum to regulations</i>										
GUJ	1240	0.01	0.0	99.49	0.02	0.13	0.64	1.09	99.78	0
RAJ	276	0.00	0.0	99.77	0.00	0.01	0.48	1.42	99.83	0
MP	752	0.01	0.0	99.60	0.06	0.01	0.68	2.57	99.84	0
KR	391	0.01	0.0	99.70	0.01	0.02	0.41	0.58	99.78	0
MH	1680	0.01	0.0	98.23	0.00	0.13	0.42	2.78	99.92	0
KTK	1738	0.06	0.1	99.31	0.35	0.07	0.37	0.72	99.21	0
HR	350	0.05	0.0	99.70	0.11	0.09	0.19	0.00	99.28	0
PB	455	0.10	0.1	99.72	0.12	0.04	0.24	0.10	99.25	0
UPW	638	0.07	0.0	99.71	0.20	0.05	0.22	0.38	99.29	0