



TELECOM REGULATORY AUTHORITY OF INDIA
Mahanagar Doorsanchar Bhavan,
Jawaharlal Nehru Marg (Old Minto Road),
New Delhi - 110 002

**Comparative Performance of Telecom Service Providers in Rajasthan Service Area,
Key Quality of Service (QoS) Parameters for Quarter Ending March 2012**

Cellular Mobile Telephone Service

Name of the Service Provider	QoS Parameter (Benchmark) →	Base Stations (BTS) Accumulated downtime: Non-availability of Mobile network in a month in %age (≤ 2%)	Accessibility: %age of calls made by subscribers and successful within operator's network (≥ 95%)	Connection Maintenance (Retainability)		Resolution of billing / charging complaints: %age of billing/charging complaints resolved within 4 weeks (100% within 4 weeks)
				Call Drop Rate: %age of established calls getting disconnected due to network problems (≤ 2%)	%age of Calls with good voice quality (≥ 95%)	
	Data Reported by					
Aircel	Service Provider	0.02	96.97	0.79	96.65	100.00
	Audit Agency (TCIL)	0.07	96.59	1.30	97.11	100.00
Bharti Airtel	Service Provider	0.10	99.33	1.21	98.92	100.00
	Audit Agency (TCIL)	0.14	99.38	1.25	98.92	100.00
BSNL	Service Provider	1.80	99.00	1.37	98.37	100.00
	Audit Agency (TCIL)	1.80	99.05	1.34	98.23	100.00
Idea Cellular	Service Provider	0.08	98.36	1.57	96.06	100.00
	Audit Agency (TCIL)	0.15	97.68	1.51	95.80	100.00
Loop	Audit Agency (TCIL)	1.21	99.95	0.00	96.94	NR
Reliance Comm. (CDMA)	Service Provider	0.42	99.31	0.44	98.86	100.00
	Audit Agency (TCIL)	0.26	99.74	0.38	99.39	100.00
Reliance Comm. (GSM)	Service Provider	0.39	99.66	0.58	99.09	100.00
	Audit Agency (TCIL)	0.27	99.78	0.28	99.07	100.00
Sistema	Service Provider	0.07	99.45	0.62	99.39	100.00
	Audit Agency (TCIL)	0.16	98.67	0.80	99.02	100.00
Tata Tele. (CDMA)	Service Provider	0.01	98.92	0.58	98.92	100.00
	Audit Agency (TCIL)	0.02	98.86	0.73	99.40	100.00
Tata Tele. (GSM)	Service Provider	0.01	98.21	0.84	98.12	100.00
	Audit Agency (TCIL)	0.03	97.56	1.23	97.91	100.00
Videocon	Service Provider	0.81	99.27	0.64	99.12	100.00
	Audit Agency (TCIL)	0.03	99.20	1.15	99.13	100.00
Vodafone India Ltd.	Service Provider	0.11	99.07	0.86	97.70	100.00
	Audit Agency (TCIL)	0.13	99.18	1.13	97.51	100.00
Uninor	Service Provider	0.97	98.77	0.19	98.18	0.00

Basic Telephone Service (Wireline)

* The audited data pertains to the audit period July to Sept'11	QoS Parameter (Benchmark) →	Fault incidence: No. of faults per 100 subscribers per month (≤ 5)	Fault Repair: %age of faults repaired within one day of booking (≥ 90%)	Mean Time to Repair: the average time taken to repair a fault. (≤ 8 Hrs)	Resolution of billing / charging complaints: %age of billing/charging complaints resolved within 4 weeks (100% within 4 weeks)
	Data Reported by				
Bharti Airtel	Service Provider	1.34	95.80%	3.93	100.0%
	Service Provider	4.47	96.53%	6.13	NR
Reliance Comm.	Service Provider	0.67	100.00%	NR	100.00%
Sistema	Service Provider	2.49	97.00%	5.28	100.00%

shaded boxes indicate benchmark not met † Reported DNF - Data not in format

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(Issued in Public Interest by TRAI)