

Table of Contents

Snapshot	i
Introduction.....	iii
Executive Summary & Trends at a Glance.....	iv
Chapter 1: Subscription Data	1
Section A: Access Service – An Overview	2
Section B: Wireless Service.....	6
Section C: Wireline Service	15
Section D: Internet Service	22
Section E: Other Value Added Services – PMRTS & VSAT	29
Chapter 2: Revenue and Usage.....	32
Section A: GSM – Full Mobility Service.....	33
Section B: CDMA – Full Mobility Service	38
Section C: Internet Services	42
Chapter 3: Financial Data of Telecom Service Sector	43
Chapter 4: Quality of Service (QoS).....	49
Section A: Quality of Service Performance of Wireless Service Providers	50
Section B: Quality of Service Performance of Wireline Service Providers.....	55
Section C: Quality of Service Performance of Dial-up/Broadband Service	60
Chapter 5: Performance of Cable TV, DTH and Radio Broadcasting Services.....	65
Annexures.....	71
Annexure 1: Wireless Subscriber Base.....	72
Annexure 2: Wireline Subscriber Base.....	74
Annexure 3: List of Internet Service Providers Providing Internet Telephony Services	75
Annexure 4: Subscriber Base for Internet Service Providers	76
Annexure 5: Service Area wise PMRTS subscriber Base	86
Annexure 6: Performance of QoS Parameters for Cellular Mobile Services	88

Annexure 7: Percentage of Wireless service Providers not meeting the benchmarks	96
Annexure 8: Percentage of cells having more than 3% call (TCH) drop	97
Annexure 9: Performance of QoS Parameters for Basic (Wire-line) Services	100
Annexure 10: Quality of Service Performance of Broadband Service Providers	104
Annexure 11: Broadcaster wise list of pay channels along with their reported a-la-carte rates.....	109
Annexure 12: List of operationalised private FM Radio Stations in India.....	120
Annexure 13: List of applicants who have been granted DTH License.....	126
Annexure 14: List of companies permitted by Ministry of I&B to set up teleports at various locations in India	127

Snapshot

(Data As on 30th June 2009)

Telecom Subscribers (Wireless +Wireline)

Total Subscribers	464.82 Million
% change During Quarter	8.17%
Urban Subscribers	328.55 Million (70.7%)
Rural Subscribers	136.27 Million (29.3%)
Teledensity	39.86
Urban Teledensity	95.05
Rural Teledensity	16.61

Wireless Subscribers

Total Wireless Subscribers	427.29 Million
% change During Quarter	9.07%
Urban Subscribers	301.34 Million (70.5%)
Rural Subscribers	125.95 Million (29.5%)
GSM Subscribers	328.83 Million (77.0%)
CDMA Subscribers	98.46 Million (23.0%)
Teledensity	36.64
Urban Teledensity	87.18
Rural Teledensity	15.35

Wireline Subscribers

Total Wireline Subscribers	37.53 Million
% change During Quarter	-1.14%
Urban Subscriber	27.21 Million (72.5%)
Rural Subscribers	10.32 Million (27.5%)
Teledensity	3.22
Urban Teledensity	7.87
Rural Teledensity	1.26
Village Public Telephones (VPT)	0.56 Million
Public Call Office (PCO)	6.11 Million

Internet & Broadband Subscribers

Total Internet Subscribers	14.05 Million
% change During Quarter	3.80%
Broadband Subscribers	6.62 Million
Wireless Data subscribers	126.97 Million

Broadcasting & Cable Services

Total Number of Registered Channels with I&B Ministry	447
Number of Pay Channels	136
Number of FM Radio Stations	248
DTH Subscribers	15.17 Million
Number of Set Top Boxes in CAS areas	816,192

Telecom Financial Data (for the QE June-09)

Gross Revenue during the quarter	Rs. 39,108.33 Crore
% change in GR during Quarter	-3.30%
Share of Public sector undertaking's in GR	23.92%
Adjusted Gross Revenue (AGR)	Rs. 29,732.52 Crores
% change in AGR during Quarter	0.02%

Revenue & Usage Parameters (for the QE June-09)

Average Revenue Per User (ARPU) GSM	Rs. 185
Average Revenue Per User (ARPU) CDMA	Rs. 92
Minutes of Usage (MOU) GSM	454 Minutes
Minutes of Usage (MOU) CDMA	342 Minutes
Minutes of Usage for Internet Telephony	131.94 Million

Introduction

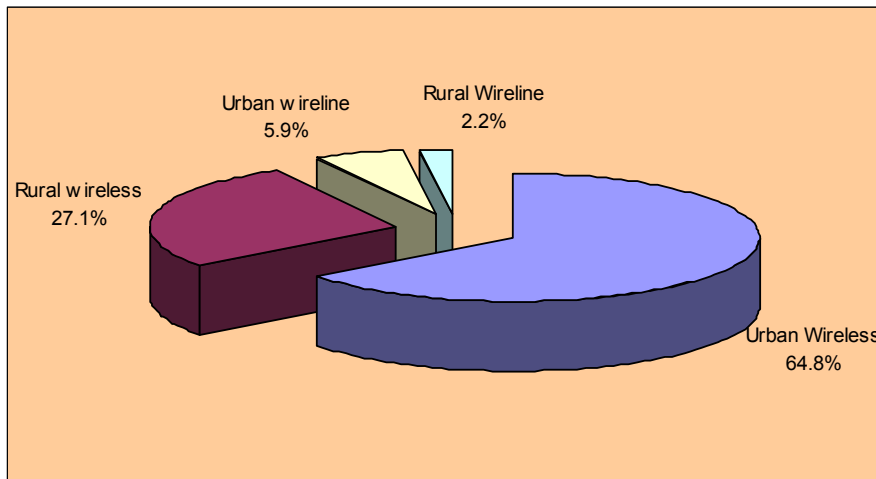
This Report presents the Key Parameters and growth trends for the Telecom Services in India for the quarter ending June 2009. This report provides a broad perspective on the Telecom Services to serve as a reference document for various stakeholders, research agencies and analysts. The Executive Summary of various Telecom Services has been given in the beginning followed by 'Performance Indicators at a Glance'. Chapter-1 deliberates the growth pattern of Wireline, Wireless, Internet and Value Added Services (VAS). Chapter-2 covers the key Revenue and usage parameters. Chapter-3 gives the financial and accounting data. Chapter-4 covers QoS performance of various service providers. The information relating to Cable TV, DTH & Radio Broadcast services are provided in Chapter-5.

2. This performance indicator Report has been prepared based on the information furnished by the Service Providers. The report is also available on TRAI's website (www.trai.gov.in). Any suggestion pertaining to this report may please be addressed to Smt Sadhana Dikshit, Principal Advisor (ER), TRAI; Tel. +91-11-23221856, Fax. +91-11-23236650 and e-mail: adveco@traigov.in or eco@traigov.in

Executive Summary & Trends at a Glance

1. The number of telephone subscribers in India increased to 464.82 Million at the end of June-09 from 429.72 Million in Mar-09, thereby registering a growth rate of 8.17%. With this, the overall Tele-density in India reached 39.86 as on 30th June 2009.
2. Subscription in Urban Areas increased to 328.55 Million and Rural subscription increased to 136.27 Million. Rural Teledensity reached 16.61 and urban Teledensity 95.05 at the end of June-09. The share of rural subscribers increased to 29.3% in total subscription.

Composition of Telephone Subscribers



3. With 35.53 Million net additions during the Quarter, Total Wireless (GSM + CDMA) subscriber base increased to 427.28 Million at the end of June-09, and wireless Tele-density reached 36.64.
4. Wireline subscriber base declined to 37.54 Million at the end of June-09, taking the wireline teledensity to 3.22.

5. Internet subscribers increased to 14.05 million at the end of June 2009 registering a quarterly growth rate of 3.80%. However, this growth rate is lower than the growth rate seen in the previous quarter (5.3%).
6. Share of Broadband subscription in total Internet subscription increased from 46% in Mar-09 to 47% in June-09. 86.66% of the Broadband subscribers are using Digital Subscriber Line (DSL) technology.
7. Average Revenue Per User (ARPU) for GSM-Full Mobility service declined by 10% from Rs. 205 in QE Mar-09 to Rs. 185 in QE Jun-09.
8. ARPU for CDMA – Full mobility service declined by 7.2% from Rs. 99 in QE Mar-09 to Rs. 92 in QE June-09
9. ARPU for dialup Internet usage increased by 2.97% from Rs. 236.47 in QE March 2009 to Rs 243.50 for the quarter ending June 2009
10. MOU per subscriber for GSM – Full mobility service continued to show a declining trend. It declined by 6.19% from 484 in QE Mar-09 to 454 in QE Jun-09. The outgoing MOUs declined by 5.30% and incoming by 7.04%.
11. MOU per subscriber for CDMA-full mobility service declined by 4% from 357 (Q.E March 2009) to 342 (Q.E June 2009). The Outgoing MOUs declined by 2.7% and Incoming MOUs declined by 5.2%.

12. Gross Revenue (GR) and Adjusted Gross Revenue (AGR) of Telecom Sector for the QE June-09 has been Rs 39,108.33 Crore and Rs. 29,732.52 Crore respectively. There has been a reduction of 3.3% in GR as compared to previous quarter. AGR has shown slight increase of 0.02% vis-à-vis previous quarter.
13. Average licence fee as percentage of AGR is 8.43% in June-09 as against 8.4% in previous quarter.
14. The wireline Service Providers met the QoS parameters of Customer Care Service (Closures) and Response time to the customer for assistance [%age of calls answered (electronically) within 20 sec]
15. The performance of wireline service providers improved as compared to the previous quarter, in respect of parameters Provision of Telephones, Faults repaired by next working day, Mean Time to Repair, Call Completion Rate, Customer Care Services (Shifts and Additional Facilities) and Time taken for refund of deposits
16. The wireline service performance has deteriorated in this quarter, as compared to the previous quarter, in respect of Faults incidences, Metering & billing credibility, Response time to the customer for assistance [%age of calls answered (electronically) within 40 sec & %age of calls answered by operator (voice to voice)].
17. The Wireless Service Providers met QoS parameters of Service Access Delay, %age of calls answered (electronically) within 20 sec

and Period of all refunds/payment due to customers from the date of resolution of complaints

18. The performance of the wireless service providers improved in this quarter in respect of Blocked Call rate (TCH Congestion) and %age of Connections with good voice quality parameters.
19. The performance of the wireless service providers has deteriorated in this quarter as compared to the previous quarter in respect of the following parameters:-
 - a. Call Set-Up Success Rate (Within Licensee's Own network)
 - b. Call drop rate.
 - c. Response time to the customer for assistance
 - (i) %age of calls answered (voice to voice) within 60 sec.
 - (ii) %age of calls answered (voice to voice) within 90 sec.
 - d. Complaints per 100 bills issued.
 - e. %age of complaints resolved within 4 weeks.
20. Total Number of channels registered with Ministry of I&B is 447. There are reportedly 136 pay TV channels in existence.
21. Maximum number of TV channels being carried by any of the reported MSOs is 262 whereas in conventional analogue form, the maximum number of channels being carried by the reported MSOs is 100 channels.
22. The number of private FM Radio stations in operation increased from 245 in March-09 to 248 in June-09.

23. Besides free DTH service of Doordarshan, there are 6 private DTH licensees. 5 DTH licensees are offering pay DTH services to the customers as on 30.06.2009 and their reported subscriber base is 15.17 million.

24. Number of Set Top Boxes (STBs) installed in CAS notified areas of Delhi, Mumbai, Kolkata and Chennai increased from 7,70,053 in Mar-09 to 8,16,192 in June-09.

Trends at a Glance

A. Wireline & Wireless Services

	QE Jun 2008	QE Sep 2008	QE Dec 2008	QE Mar 2009	QE Jun 2009	%age change over Jun 2008 (12 months)	%age change over Sep 2008 (9months)	%age change over Dec 2008 (6 months)	%age change over Mar 2009 (3 months)
1) Subscriber's Base (in million)									
i) Wireline	38.92	38.35	37.9	37.96	37.53	-3.57%	-2.14%	-0.97%	-1.13%
ii) Wireless	286.86	315.31	346.89	391.76	427.29	48.95%	35.51%	23.18%	9.07%
Gross Total	325.78	353.66	384.79	429.72	464.82	42.68%	31.43%	20.80%	8.17%
Rural	82.16	90.56	103.83	122.21	136.27	65.86%	50.48%	31.24%	11.50%
Urban	243.62	263.10	280.96	307.51	328.55	34.86%	24.88%	16.94%	6.84%
2) Traffic (MOU) (minutes of use/ sub/ month)									
Wireless (full mobility)									
i) GSM	505	499	496	484	454	-10.2%	-9.0%	-8.5%	-6.2%
ii) CDMA	354	332	371	357	342	-3.2%	3.1%	-7.7%	-4.0%
3) ARPU (Rs./sub/ month)									
Wireless (full mobility)									
i) GSM	239	221	220	205	185	-22.7%	-16.4%	-15.9%	-10.1%
ii) CDMA	139	122	111	99	92	-33.8%	-24.9%	-17.2%	-7.2%
4) Teledensity									
Population in million (Estimated)	1150	1154	1158	1162	1166				
i) Wireline teledensity	3.38	3.32	3.27	3.27	3.22	-4.78%	-3.06%	-1.58%	-1.58%
ii) Wireless teledensity	24.95	27.32	29.96	33.71	36.64	46.86%	34.12%	22.30%	8.70%
Total Teledensity	28.33	30.64	33.23	36.98	39.86	40.70%	30.09%	19.95%	7.79%
Rural teledensity	10.12	11.13	12.72	14.93	16.61	64.11%	49.29%	30.55%	11.21%
Urban teledensity	72.01	77.35	82.15	89.44	95.05	32.00%	22.89%	15.70%	6.27%

B. Subscriber Base

(i) Wireline Subscribers Base (in Million)

Service Providers	QE Jun 2008	QE Sep 2008	QE Dec 2008	QE Mar 2009	QE Jun 2009	%age change over Jun 2008	%age change over Sep 2008	%age change over Dec 2008	%age change over Mar 2009
						(12 months)	(9 months)	(6 months)	(3 months)
BSNL	30.87	30.12	29.5	29.34	28.79	-6.72%	-4.40%	-2.39%	-1.86%
MTNL	3.63	3.57	3.53	3.57	3.55	-2.20%	-0.56%	0.57%	-0.56%
Bharti	2.39	2.51	2.61	2.73	2.83	18.32%	12.66%	8.35%	3.59%
Reliance	0.95	1.02	1.07	1.11	1.13	18.98%	10.81%	5.63%	1.83%
Tata/ Hughes	0.77	0.82	0.87	0.92	0.95	23.74%	16.19%	9.51%	3.56%
HFCL	0.15	0.15	0.16	0.16	0.16	9.21%	9.21%	2.39%	2.39%
Shyam	0.16	0.16	0.16	0.13	0.11	-30.60%	-30.60%	-30.60%	-14.58%
Total	38.92	38.35	37.9	37.96	37.53	-3.57%	-2.14%	-0.97%	-1.13%

(ii) Wireless Subscriber Base (in Million)

Service Providers	QE Jun 2008	QE Sep 2008	QE Dec 2008	QE Mar 2009	QE Jun 2009	%age change over Jun 2008	%age change over Sep 2008	%age change over Dec 2008	%age change over Mar 2009
						(12 months)	(9 months)	(6 months)	(3 months)
Bharti	69.38	77.48	85.65	93.92	102.37	47.55%	32.12%	19.52%	8.99%
Reliance	50.79	56.05	61.34	72.67	79.62	56.76%	42.05%	29.80%	9.56%
Vodafone	49.2	54.63	60.93	68.77	76.45	55.39%	39.94%	25.47%	11.17%
BSNL	41.96	43.86	46.23	52.15	54.36	29.56%	23.95%	17.60%	4.25%
Tata Tele	26.33	29.33	31.76	35.12	37.12	40.99%	26.57%	16.88%	5.70%
Idea	31.74	33.98	38.01	43.02	47.09	48.36%	38.58%	23.89%	9.46%
Aircel	11.92	13.88	16.08	18.48	21.80	82.88%	57.05%	35.56%	17.96%
MTNL	3.72	3.96	4.19	4.48	4.61	23.81%	16.31%	9.92%	2.81%
BPL	1.38	1.66	1.95	2.16	2.31	67.08%	38.89%	18.24%	6.74%
HFCL	0.34	0.36	0.38	0.39	0.38	13.00%	6.72%	1.11%	-1.49%
Shyam	0.11	0.12	0.37	0.6	1.19	981.00%	890.92%	221.38%	98.18%
Total	286.9	315.3	346.9	391.8	427.29	48.95%	35.51%	23.18%	9.07%

C. Internet & Broadband Services

	QE Jun 2008	QE Sep 2008	QE Dec 2008	QE Mar 2009	QE Jun 2009	%age change over Jun 2008 (12 months)	%age change over Sep 2008 (9 months)	%age change over Dec 2008 (6 months)	%age change over Mar 2009 (3 months)
1) Subscriber's Base (in million)									
i) Internet	11.66	12.24	12.86	13.54	14.05	20.48%	14.77%	9.30%	3.80%
ii) Wireless Data subscribers	75.97	88.27	101.1	117.82	126.97	67.13%	43.84%	25.59%	7.77%
ii) Broadband Connections (>=256 Kbps download speed)	4.38	4.9	5.52	6.22	6.62	51.14%	35.10%	19.93%	6.43%
2) Minutes of Use (Dialup Internet) (MOU/subs/month)	225	212.34	214.23	226.58	243.57	8.25%	14.71%	13.70%	7.50%
3) ARPU (Dialup Internet) (Rs/subs/month)	225	213.08	221.97	236.47	243.5	8.22%	14.28%	9.70%	2.97%

Chapter 1: Subscription Data

Section A: Access Service – An Overview

The number of telephone subscribers in India increased from 429.72 Million in Mar-09 to 464.82 Million at the end of June-09, registering a growth rate of 8.17%. The overall Teledensity in India has reached 39.86 as on 30th June 2009.

Chart 1.1: Trends in Telephone Subscribers and Teledensity in India

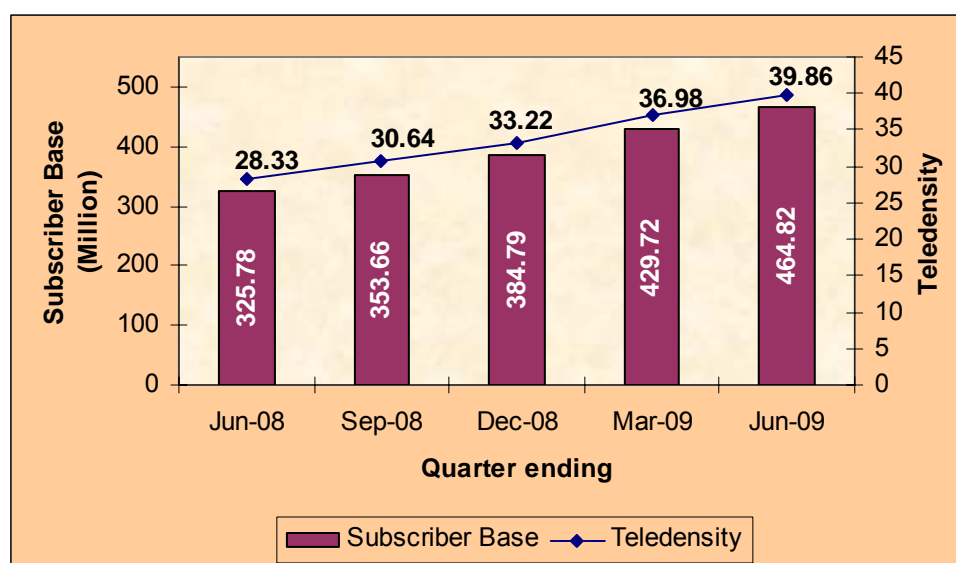


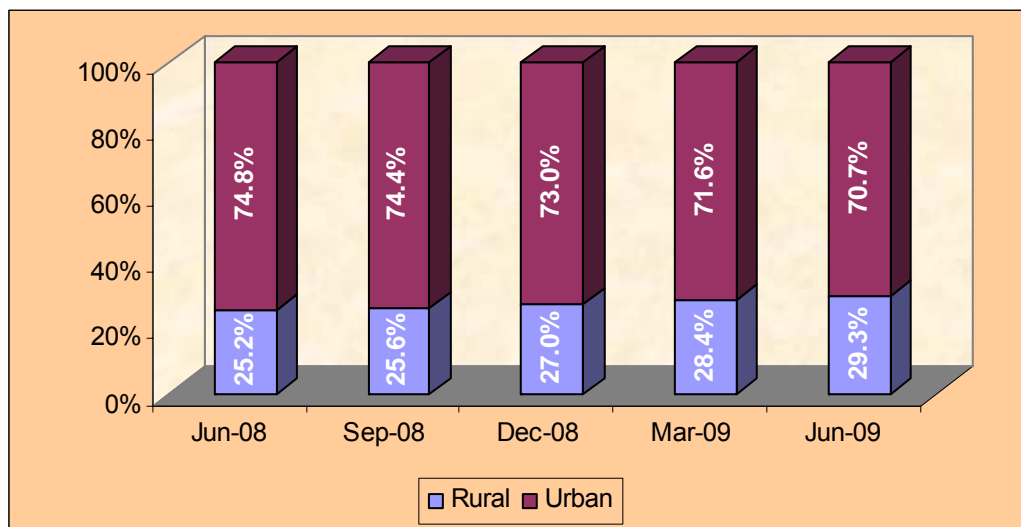
Table 1.1: Subscriber Base & Teledensity – Rural & Urban

Quarter ending	Subscriber Base (Million)		Teledensity	
	Rural	Urban	Rural	Urban
Jun-08	82.16	243.62	10.12	72.01
Sep-08	90.56	263.10	11.13	77.35
Dec-08	103.83	280.96	12.72	82.15
Mar-09	122.21	307.51	14.93	89.44
Jun-09	136.27	328.55	16.61	95.05

1.2 Subscription in Urban Areas grew from 307.51 Million in Mar-09 to 328.55 Million in June-09, taking the urban Teledensity to 95.05. Rural subscription increased from 122.21 Million to 136.27 Million, taking the Rural Teledensity from 14.93 in Mar-09 to 16.61 at the end of June-09.

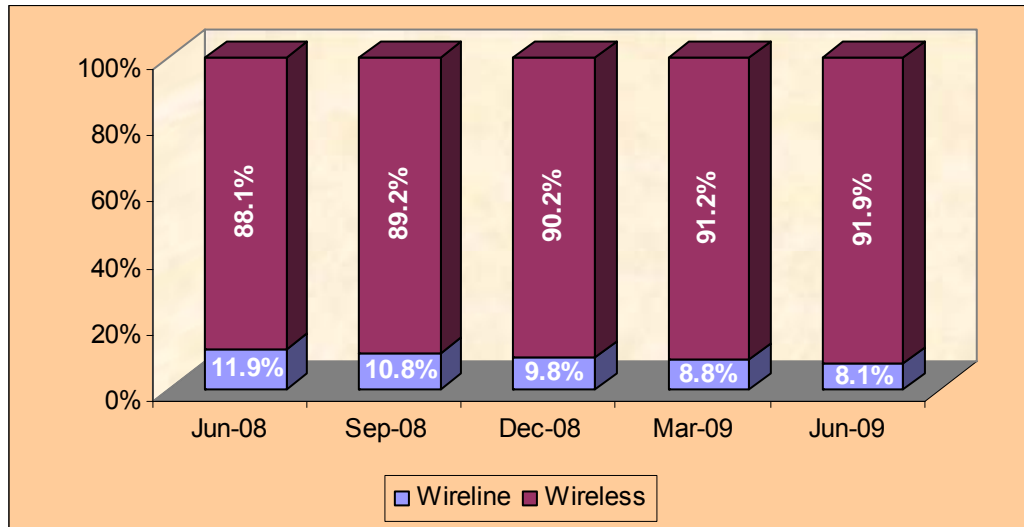
1.3 Overall rate of growth of Access Subscription in QE June-09 (8.2%) has declined as compared to previous quarter (11.7%). About 60% of the net additions have been in urban areas. However, in terms of rate of growth, rural areas registered a higher rate.

Chart 1.2: Market Share - Rural & Urban



1.4 Share of rural areas in total subscription has increased to 29.3%.

Chart 1.3: Composition of Access subscription – Wireline & Wireless



1.5 The dominance of wireless segment in access services is steadily growing

Table 1.2: Service Area wise Access (Wireless +Wireline) Subscribers

Service Area	Subscribers (Million)				Teledensity	
	Mar-09	Jun-09	Net Additions	Rate of change	QE Mar-09	QE Jun-09
Andhra Pradesh	32.95	35.59	2.64	8.0%	39.59	42.66
Assam	6.16	6.74	0.58	9.4%	20.65	22.51
Bihar	22.36	25.55	3.19	14.3%	17.78	20.24
Delhi	24.50	26.02	1.52	6.2%	140.18	147.83
Gujarat	26.22	27.89	1.67	6.4%	45.16	47.86
Haryana	10.76	11.40	0.64	6.0%	43.67	46.09
Himachal Pradesh	3.72	3.97	0.25	6.8%	55.80	59.46
J&K	3.74	4.30	0.56	14.9%	32.76	37.51
Karnataka	26.33	28.21	1.88	7.1%	45.21	48.31
Kerala	19.98	21.53	1.55	7.8%	58.48	62.91
Madhya Pradesh	22.27	24.30	2.02	9.1%	23.79	25.85
Maharashtra	34.62	36.71	2.09	6.0%	50.95*	53.72*
Mumbai	22.11	23.33	1.21	5.5%		
North East	3.69	4.17	0.49	13.2%	28.59	32.27
Orissa	9.33	10.63	1.29	13.8%	23.30	26.47
Punjab	16.53	17.19	0.66	4.0%	58.25	60.36

Service Area	Subscribers (Million)				Teledensity	
	Mar-09	Jun-09	Net Additions	Rate of change	QE Mar-09	QE Jun-09
Rajasthan	24.42	26.89	2.47	10.1%	37.15	40.74
T.N.	30.04	32.57	2.53	8.4%	59.92*	64.17*
Chennai	10.63	11.06	0.43	4.0%		
U.P.(E)	28.67	31.65	2.98	10.4%	24.28*	26.60*
U.P.(W)	20.78	22.78	2.00	9.6%		
Kolkata	13.18	13.97	0.79	6.0%	33.60*	36.25*
W.B.	16.71	18.36	1.65	9.9%		
Total	429.73	464.82	35.10	8.2%	36.98	39.86

* Population data/projections are available state-wise only

Table 1.3: Subscribers (Rural & Urban) & Market share

Service Provider	Rural Subscribers	Urban Subscribers	Total Subscribers	Market Share
Bharti	33.78	71.42	105.20	22.6%
BSNL	29.64	53.52	83.16	17.9%
Reliance	16.36	64.39	80.75	17.4%
Vodafone	24.83	51.62	76.45	16.4%
IDEA	19.80	27.29	47.09	10.1%
Tata	2.96	35.12	38.07	8.2%
Aircel	8.82	12.98	21.80	4.7%
MTNL	-	8.16	8.16	1.8%
Loop Mobile (BPL)	-	2.31	2.31	0.5%
Sistema	0.07	1.23	1.30	0.3%
HFCL	0.00	0.54	0.55	0.1%
Total	136.27	328.57	464.82	

1.6 Bharti is the leading operator in Access segment in terms of number of subscribers, followed by BSNL.

Section B: Wireless Service

Table 1.4: List of Cellular Mobile (GSM & CDMA) Service Providers currently providing service [As on 30th June 2009]

SLNo.	Service Provider	Area of Operation
1	Bharti	All India
2	Aircel Group	AP, TN, Karnataka, Assam, Bihar, Chennai, Delhi, HP, J&K, Kerala, Kolkata, MH, Mumbai, NE, Orissa, UP(E), UP(W) & WB
3	Reliance Communications	All India (except Assam & NE)
4	Reliance Telecom	Kolkata, MP, WB, HP, Bihar, OR, Assam & NE
5	Vodafone	All India
6	Tata Teleservices	All India
7	IDEA (Including Spice)	Delhi, Mumbai, AP, MP, Rajasthan, Punjab, Haryana, Gujarat, TN, Karnataka, Bihar, HP, Kerala, MH, Orissa, UP(E) & UP(W)
8	Sistema Shyam Telelink	Kolkata, TN, Kerala, Rajasthan & WB
9	BSNL	All India (except Delhi & Mumbai)
10	MTNL	Delhi & Mumbai
11	Loop Telecom Private Ltd	Mumbai
12	HFCL	Punjab

1.7 Total Wireless (GSM + CDMA) subscriber base increased from 391.76 Million in Mar-09 to 427.29 Million at the end of June-09, thereby showing a growth of 9.07%. During this quarter 35.53 million subscribers were added. Wireless Teledensity increased from 33.71 in Mar-09 to 36.64 at the end of June-09.

Chart 1.4: Wireless Subscriber Base and Teledensity

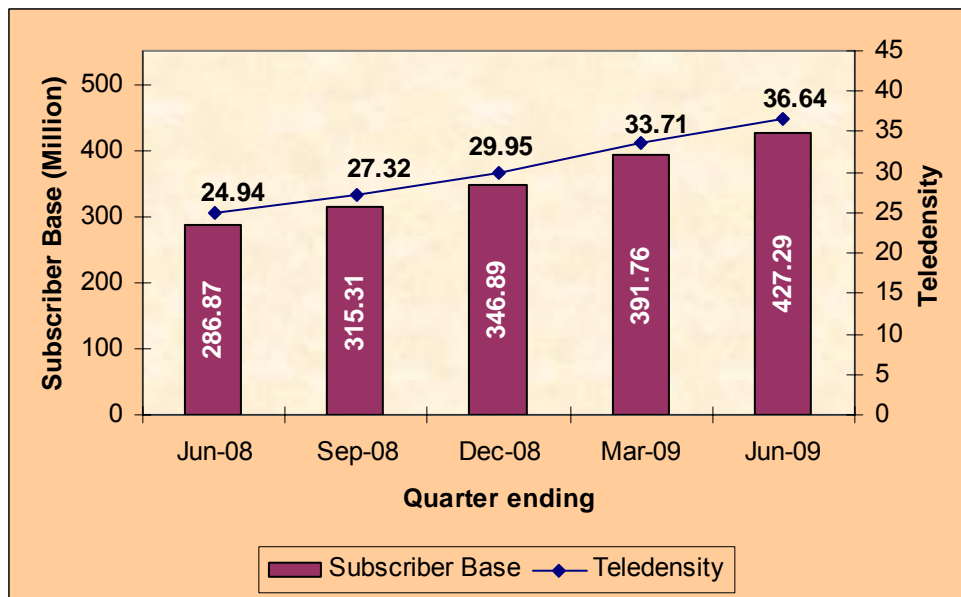


Table 1.5: Wireless Subscriber Base & Teledensity – Rural & Urban

Quarter ending	Subscriber Base (Million)		Teledensity	
	Rural	Urban	Rural	Urban
Jun-08	70.83	216.04	8.73	63.85
Sep-08	79.61	235.70	9.78	69.29
Dec-08	93.15	253.74	11.41	74.19
Mar-09	111.63	280.13	13.64	81.47
Jun-09	125.95	301.34	15.35	87.18

1.8 The rural Wireless subscribers increased from 111.63 Million in Mar-09 to 125.95 Million in June-09.

1.9 Rural subscription (12.8%) has been growing at a faster rate than Urban (7.6%). The share of rural wireless subscription is 29.5% in total wireless subscription.

1.10 Overall rate of growth of Wireless Subscription in QE June-09 (9.1%) is lower as compared to previous quarter (12.9%). Higher growth rate in previous quarter was mainly on account of launch of GSM services by Reliance Communications Ltd.

Chart 1.5: Wireless Market Share – Rural & Urban

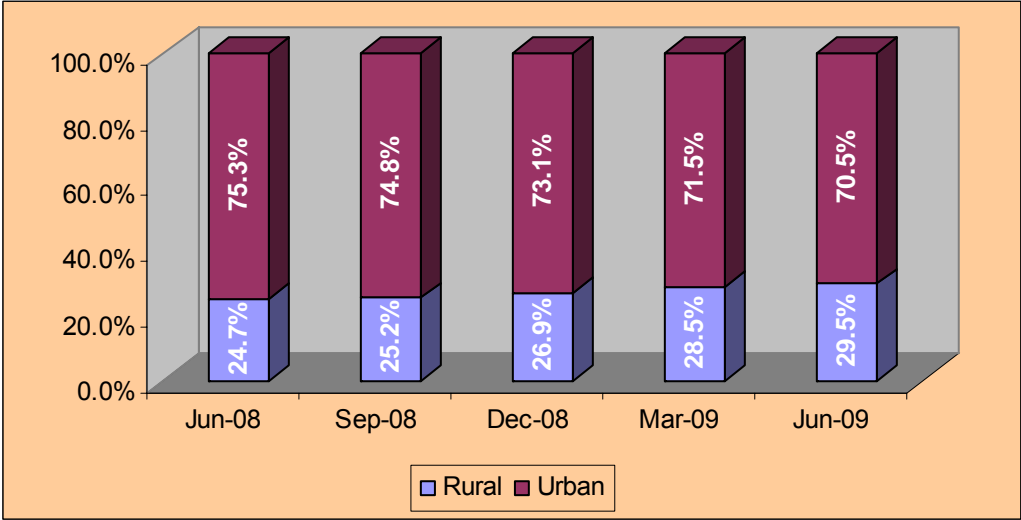


Table 1.6: Growth in Wireless Subscribers

Service Provider	Subscriber Base (Millions)			Rate of Growth	Market Share - Mar-09	Market Share - Jun-09
	Mar-09	Jun-09	Net Additions			
Bharti	93.92	102.37	8.44	9.0%	24.0%	24.0%
Reliance	72.67	79.62	6.95	9.6%	18.5%	18.6%
Vodafone	68.77	76.45	7.68	11.2%	17.6%	17.9%
BSNL	52.14	54.36	2.22	4.3%	13.3%	12.7%
IDEA	43.02	47.09	4.07	9.5%	11.0%	11.0%
Tata	35.12	37.12	2.00	5.7%	9.0%	8.7%
Aircel	18.48	21.80	3.32	18.0%	4.7%	5.1%
MTNL	4.48	4.61	0.12	2.8%	1.1%	1.1%
Loop Mobile (BPL)	2.16	2.31	0.14	6.5%	0.6%	0.5%
Sistema	0.60	1.19	0.59	98.2%	0.2%	0.3%
HFCL	0.39	0.38	(0.004)	-1.1%	0.1%	0.1%
Total	391.76	427.29	35.53	9.1%		

Table 1.7: Service Area wise Wireless Subscribers & Teledensity

Service Area	Subscribers (Million)				Teledensity	
	Mar-09	Jun-09	Net Additions	Rate of Growth	QE Mar-09	QE Jun-09
Andhra Pradesh	30.40	33.10	2.69	8.9%	36.52	39.67
Assam	5.81	6.40	0.59	10.1%	19.47	21.36
Bihar	20.98	24.17	3.19	15.2%	16.68	19.15
Delhi	21.98	23.44	1.46	6.7%	125.75	133.19
Gujarat	24.11	25.82	1.71	7.1%	41.52	44.30
Haryana	9.88	10.55	0.67	6.8%	40.12	42.66
Himachal Pradesh	3.34	3.60	0.26	7.9%	50.10	53.91
J&K	3.50	4.07	0.56	16.1%	30.66	35.48
Karnataka	23.54	25.45	1.91	8.1%	40.43	43.59
Kerala	16.40	17.98	1.58	9.6%	48.01	52.53
Madhya Pradesh	20.60	22.66	2.06	10.0%	22.00	24.11
Maharashtra	31.35	33.52	2.18	6.9%	45.43*	48.28*
Mumbai	19.23	20.43	1.20	6.2%		
North East	3.35	3.84	0.49	14.5%	25.99	29.68
Orissa	8.69	10.00	1.31	15.1%	21.69	24.90
Punjab	14.88	15.56	0.68	4.6%	52.44	54.64
Rajasthan	22.76	25.27	2.51	11.0%	34.62	38.28
T.N.	27.78	30.35	2.57	9.3%	54.52*	58.82*
Chennai	9.23	9.65	0.42	4.6%		
U.P.(E)	27.15	30.20	3.05	11.2%	22.90*	25.24*
U.P.(W)	19.49	21.45	1.95	10.0%		
Kolkata	11.64	12.44	0.80	6.8%	30.68*	33.41*
W.B.	15.66	17.36	1.70	10.8%		
Total	391.76	427.29	35.53	9.1%	33.71	36.64

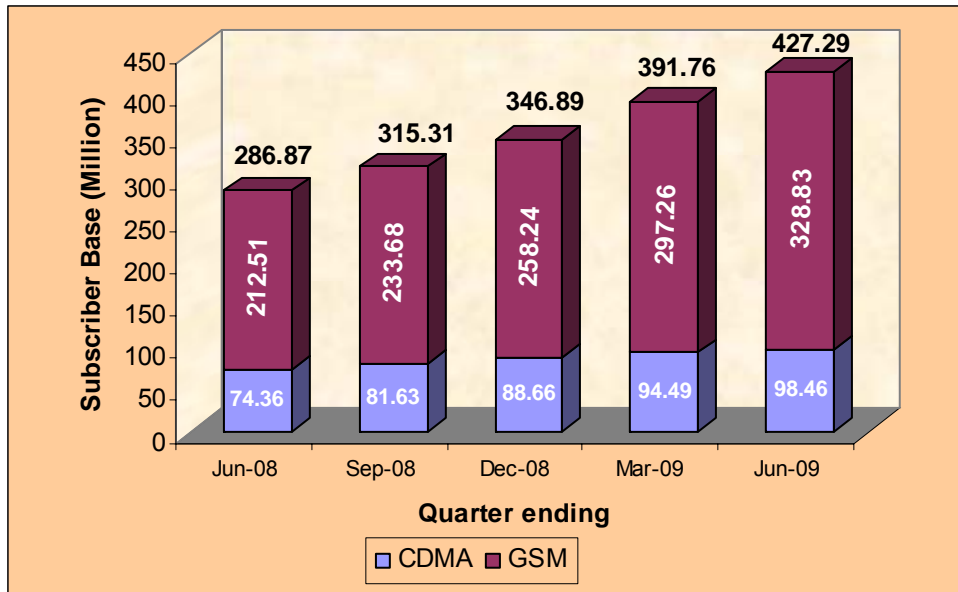
* Population data/projections are available state-wise only

Table 1.8: Rural Subscribers and Market Share

Service Provider	Subscribers as on June-09 (in millions)	Rural Subscribers (in millions)	Percentage of rural subscribers	Market Share of Rural Subscribers
Bharti	102.37	33.78	33	26.82
Reliance	79.62	16.36	20.55	12.99
Vodafone	76.45	24.83	32.48	19.72
BSNL	54.36	19.35	35.59	15.36
Idea	47.09	19.8	42.05	15.72
Tata	37.12	2.93	7.89	2.32
Aircel	21.8	8.82	40.47	7.01
MTNL	4.61	-	-	-
BPL	2.31	-	-	-
Sistema	1.19	0.063	5.29	0.05
HFCL	0.38	0.001	0.33	0
Total	427.29	125.95	29.48	100

Detailed table on service provider wise subscriber base in each service area is at Annxure-1.

Chart 1.6: Wireless Subscription: GSM vs CDMA



1.11 GSM subscription has been growing at a faster rate and the ratio between the growth rates of GSM & CDMA has also been increasing. In the QE June-09 growth rate of GSM was 2.53 times the growth rate of CDMA, as against 2.29 in the previous quarter. At the end of June-09, GSM subscribers constituted 77% of the wireless market.

GSM Services

1.12 The GSM subscribers were 328.83 million at the quarter ending June 2009 as against 297.26 million at the end of the previous quarter, showing a growth of 10.62%. Bharti with 102.37 million subscribers continues to be the largest GSM mobile operator followed by Vodafone (76.45 million), BSNL (49.1 million) and Idea (47.08 million).

Table 1.9: Group-wise Market Share (in terms of subscription) within GSM Service as on 30th June 2009

Service Provider	No of Subscribers (in Millions)	Market Share (in %age)
Bharti	102.37	31.13
Vodafone	76.45	23.25
BSNL	49.10	14.93
Idea	47.08	14.32
Reliance	25.42	7.73
Aircel	21.80	6.63
MTNL	4.30	1.31
BPL	2.31	0.70
Total	328.83	100

CDMA Services

1.13 The CDMA Subscriber Base increased to 98.46 million during the quarter ending June 2009 from 94.49 million at the end of previous quarter. The growth in this quarter is 4.19% as against 6.58% for the previous quarter. Reliance is the largest CDMA mobile operator with 54.19 Million subscribers, followed by Tata Teleservices (37.12 million) and BSNL (5.27 million).

Table 1.10: Market Share (in terms of subscription) within CDMA Service as on 30th June 2009

Service Provider	No of Subscribers (in Millions)	Market Share (in %age)
Reliance	54.19	55.04
Tata Teleservices	37.12	37.70
BSNL	5.27	5.35
Sistema	1.19	1.21
HFCL	0.38	0.39
MTNL	0.31	0.31
Total	98.46	

Section C: Wireline Service

Table 1.11: Service Providers providing Wireline service [as on 30th June 2009]

Sl. No.	Name of the Service Provider	Area of Operation
1	BSNL	All India except Delhi & Mumbai
2	MTNL	Delhi & Mumbai
3	Bharti Airtel Ltd	Andhra Pradesh, Delhi, Gujarat, Haryana, Karnataka, Kerala, Kolkata, Madhya Pradesh, Maharashtra, Mumbai, Punjab, Rajasthan, Tamil Nadu, Chennai, UP-East, UP-West and West Bengal.
4	Tata Teleservices Ltd.	Andhra Pradesh, Assam, Bihar, Delhi, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Karnataka, Kerala, Kolkata, Madhya Pradesh, Maharashtra, Mumbai, North East, Orissa, Punjab, Rajasthan, Tamil Nadu, Chennai, UP(E), UP(W) and West Bengal
5	HFCL Infotel Ltd	Punjab
6	Shyam Telelink Ltd	Rajasthan
7	Reliance Communications Ltd.	Andhra Pradesh, Bihar, Chennai, Delhi, Gujarat, Haryana, Himachal Pradesh, J&K, Karnataka, Kerala, Kolkata, Madhya Pradesh, Maharashtra, Mumbai, Orissa, Punjab, Rajasthan, Tamilnadu, UP(East), UP(West) and West Bengal

1.14 Wireline subscriber base declined from 37.96 Million in Mar-09 to 37.53 Million at the end of June-09. Wireline teledensity is 3.22.

Chart 1.7: Wireline Subscriber Base and Teledensity

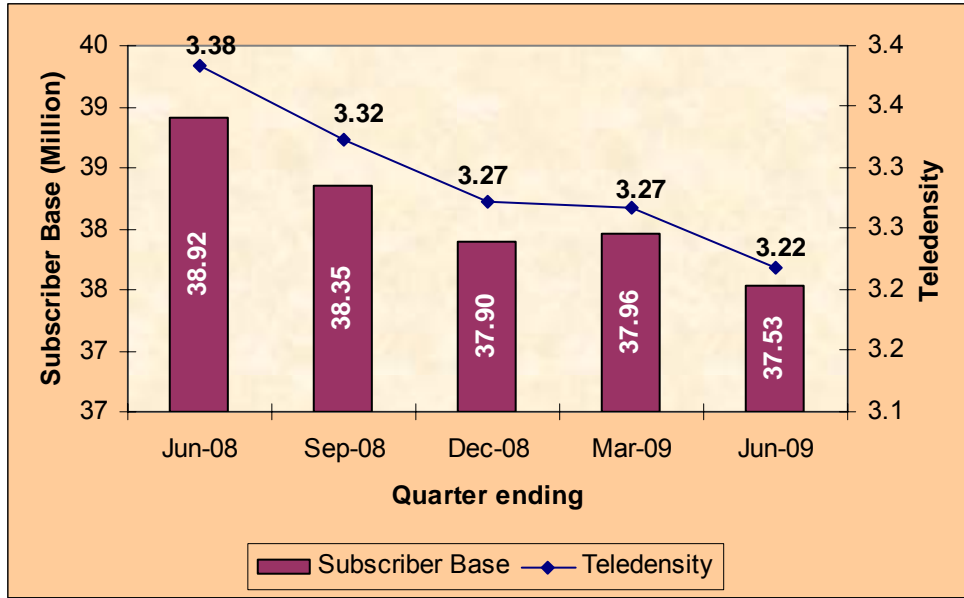


Table 1.12: Wireline Subscriber Base & Teledensity – Rural & Urban

Quarter ending	Subscriber Base (Million)		Teledensity	
	Rural	Urban	Rural	Urban
Jun-08	11.33	27.59	1.40	8.15
Sep-08	10.95	27.40	1.35	8.06
Dec-08	10.68	27.22	1.31	7.96
Mar-09	10.58	27.38	1.29	7.96
Jun-09	10.32	27.21	1.26	7.87

1.15 Rural Wireline subscription has been declining at a faster rate than Urban subscription, leading to decline in the share of Rural subscription

Chart 1.8: Wireline Market share – Rural & Urban

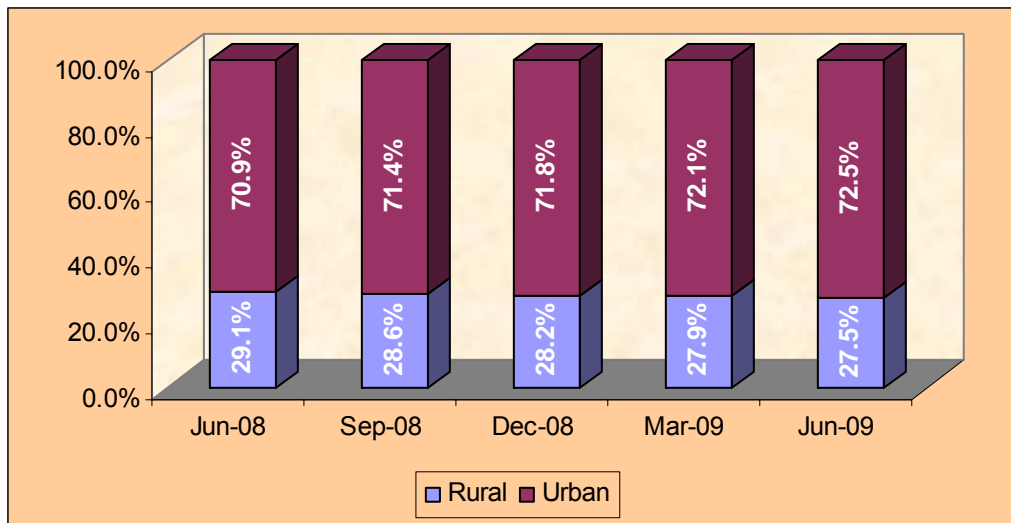


Table 1.13: Group-wise Subscribers (Rural & Urban) & Market Share

Service Provider	Subscriber Base (Million)			Share of rural subscription
	Rural	Urban	Total	
BSNL	10.29	18.51	28.79	35.72%
MTNL	-	3.55	3.55	-
Bharti	-	2.83	2.83	-
Reliance	0.0008	1.13	1.13	0.08%
Tata	0.03	0.93	0.95	2.90%
HFCL	-	0.16	0.16	-
Sistema	0.01	0.10	0.11	7.50%
Total	10.32	27.21	37.53	

Table 1.14: Growth in Subscribers

Service Provider	Subscriber Base (Million)			Rate of growth	Market share-Mar-09	Market share-Jun-09
	Mar-09	Jun-09	Net Additions			
BSNL	29.35	28.79	-0.55	-1.9%	77.30%	76.73%
MTNL	3.57	3.55	-0.02	-0.6%	9.41%	9.46%
Bharti	2.73	2.83	0.10	3.7%	7.18%	7.54%
Reliance	1.11	1.13	0.02	2.0%	2.92%	3.01%
Tata	0.92	0.95	0.03	3.7%	2.42%	2.54%
HFCL	0.16	0.16	0.00	0.2%	0.43%	0.43%
Sistema	0.13	0.11	-0.02	-14.1%	0.34%	0.30%
Total	37.96	37.53	-0.44	-1.1%		

1.16 BSNL/MTNL, the PSU operators own 86.2% of the Market share. While major Private Wireline service providers have increased their subscriber base, BSNL/MTNL lost 0.57 Million subscribers during the quarter ending June-09. Wireline subscriber additions have been seen only in Delhi, Mumbai, Chennai & UP(W).

Table 1.15: Service Area wise Wireline Subscribers & Teledensity

Service Area	Mar-09	Jun-09	Net Additions	Rate of Change	Teledensity	
					QE Mar-09	QE Jun-09
Andhra Pradesh	2.55	2.49	-0.05	-2.1%	3.06	2.99
Assam	0.35	0.34	-0.01	-2.0%	1.18	1.15
Bihar	1.38	1.38	-0.00	-0.1%	1.10	1.10
Delhi	2.52	2.58	0.06	2.2%	14.43	14.64
Gujarat	2.11	2.07	-0.04	-1.9%	3.64	3.56
Haryana	0.88	0.85	-0.03	-3.0%	3.55	3.43
Himachal Pradesh	0.38	0.37	-0.01	-2.4%	5.70	5.55
Jammu & Kashmir	0.24	0.23	-0.01	-2.6%	2.10	2.04
Karnataka	2.78	2.76	-0.03	-1.0%	4.78	4.72
Kerala	3.58	3.55	-0.02	-0.6%	10.47	10.38
Madhya Pradesh	1.68	1.64	-0.04	-2.2%	1.79	1.74
Maharashtra	3.27	3.18	-0.09	-2.6%	5.52*	5.44*
Mumbai	2.88	2.89	0.01	0.5%		
North East	0.34	0.33	-0.00	-0.2%	2.60	2.59
Orissa	0.65	0.63	-0.02	-2.8%	1.62	1.57
Punjab	1.65	1.63	-0.02	-1.3%	5.81	5.72
Rajasthan	1.67	1.62	-0.04	-2.6%	2.53	2.46
T.N.	2.26	2.22	-0.04	-1.6%	5.40*	5.35*
Chennai	1.40	1.41	0.01	0.5%		
U.P.(E)	1.53	1.45	-0.07	-4.6%	1.38*	1.36*
U.P.(W)	1.29	1.34	0.05	4.0%		
Kolkata	1.54	1.53	-0.01	-0.4%	2.91*	2.85*
W.B.	1.05	1.01	-0.05	-4.4%		
Total	37.96	37.53	-0.43	-1.1%	3.27	3.22

* Population data/projections are available state-wise only

Detailed table on service provider wise subscriber base in each service area is at Annxure-2.

Public Call Offices (PCO)

1.17 Total number of PCOs in the country as on 30th June 2009 is 61,13,423 as compared to 62,01,441 in the quarter ending March 2009, showing a reduction of 88,018 PCOs.

Chart 1.9: Number of PCOs

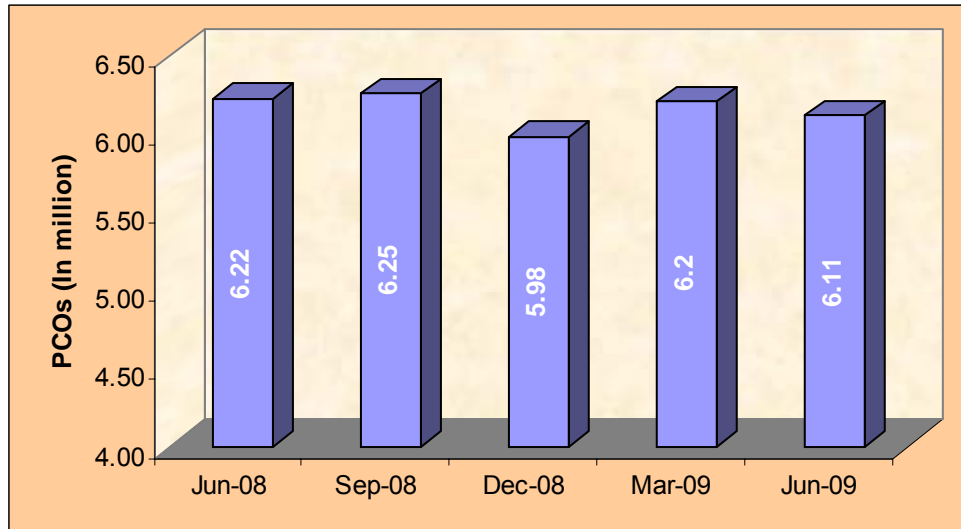
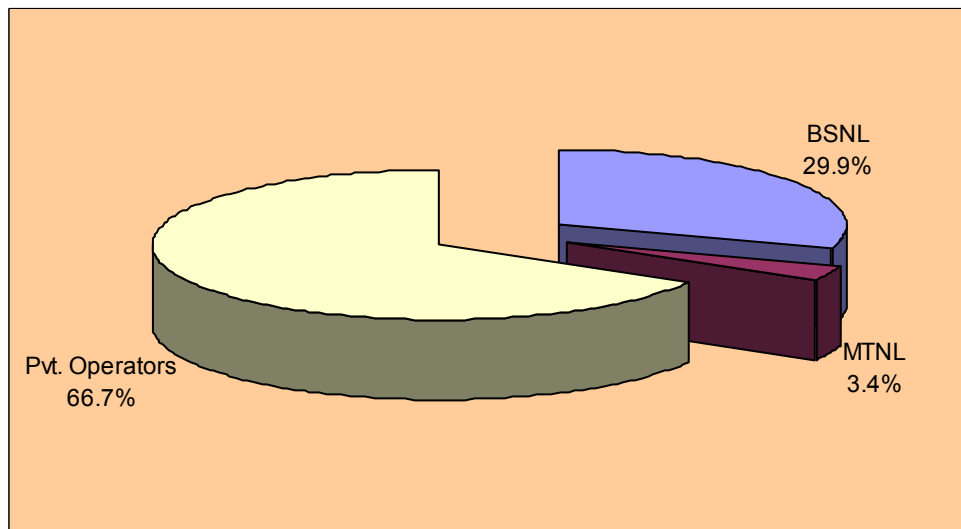


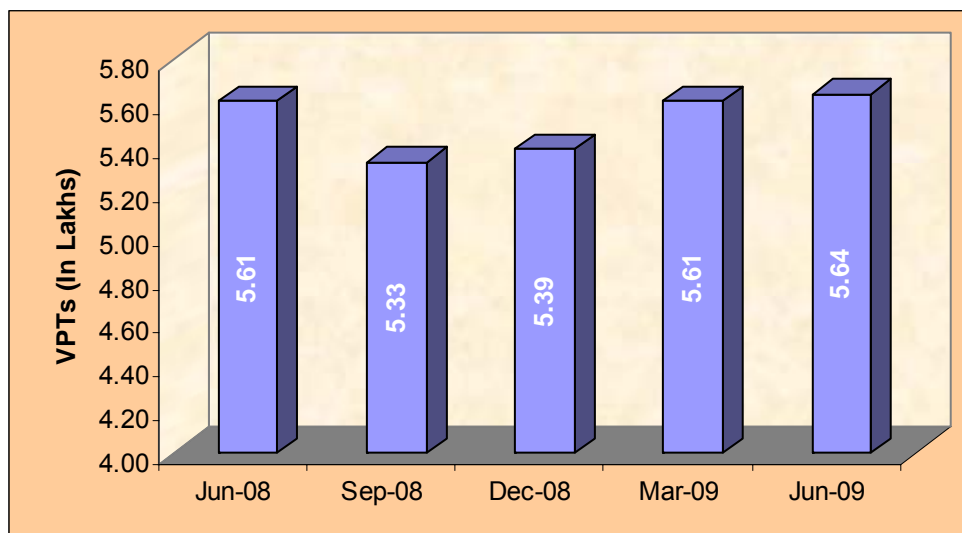
Chart 1.10: Market share of PCOs (PSUs Vs. Pvt. Operators)



Village Public Telephones (VPTs)

1.18 There are 5,93,731 inhabited villages in India as per census 2001. In the quarter ending 31st March 2009 number of VPTs were 5,60,539. This increased to 5,64,337 in the quarter ending June-09. With the addition of 3,798 VPTs in this quarter, 95% of the total inhabited villages in India have been connected.

Chart 1.11 : Growth in VPTs

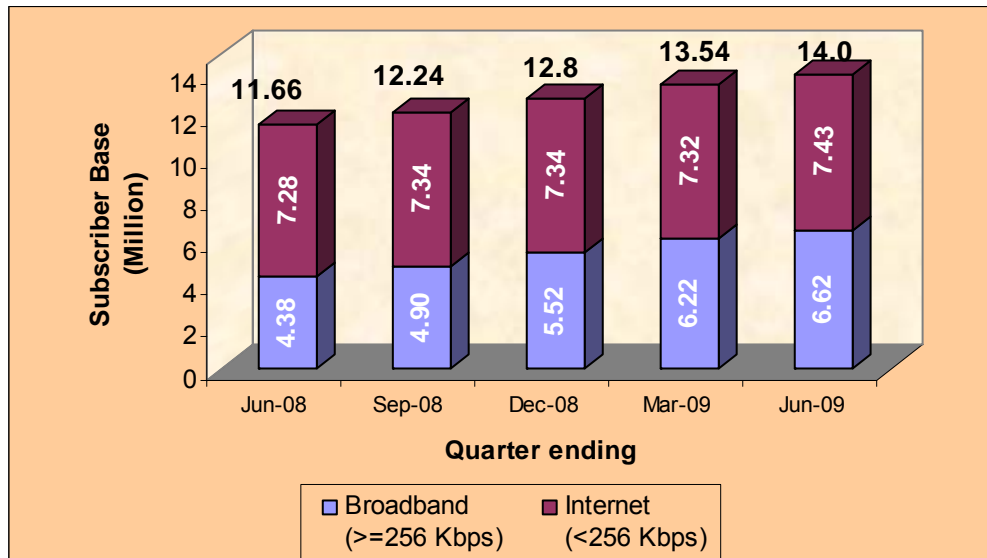


Section D: Internet Service

1.19 There are 14.05 million Internet subscribers at the end of June 2009 as compared to 13.54 million at the end of March 2009 registering a growth of 3.80%. This growth rate is lower as compared to QE March 2009 (5.30%).

1.20 The number of Broadband subscribers is 6.62 million at the end of June 2009 as compared to 6.22 million at the end of March 2009, thus registering a growth of 6.43% over the previous quarter.

Chart 1.12: Trends in Internet/Broadband subscription



1.21 Share of Broadband subscription in total Internet subscription increased from 46% in Mar-09 to 47% in June-09.

1.22 Growth in the Internet Subscribers base is mainly driven by Broadband. Out of the 2.39 million Internet Subscribers added

during the period June-08 to June-09, 2.24 million are Broadband Subscribers (94% of the net additions).

1.23 The total Internet leased line customers stood at 25888 at the end of June 2009 as compared to 24883 at the end of March 2009 indicating an increase of 4.03%.

1.24 As per the reports available with the TRAI, 34 ISPs are providing Internet Telephony services presently. The list is at Annexure-3.

ISP Connectivity

1.25 The bandwidth owned by various ISPs for their ISP operations and Internet Leased lines is reported to be 245 GB for International and 208 GB for National during this quarter as compared to 209 GB for International and 174 GB for National at the end of March 2009.

Table 1.16: Internet Subscriber Base & Market share of top 10 ISPs

S.No	ISP	Category	Service Area	Subs	Share (%)
1	Bharat Sanchar Nigam Ltd.	A	All India	7600402	54.09
2	Mahanagar Telephone Nigam Ltd.	B	Delhi & Mumbai	2181663	15.53
3	Bharti Airtel Ltd.	A	All India	1145723	8.15
4	Reliance Communications Infrastructure Limited	A	All India	1037710	7.39
5	Sify Technologies Ltd.	A	All India	346757	2.47
6	Hathway Cable & Datacom Pvt. Ltd.*	A	All India	339032	2.41
7	Tata Communications Internet Services Limited	A	All India	324089	2.31
8	Data Infosys Ltd.	A	All India	250437	1.78
9	YOU Telecom India Pvt. Ltd.	A	All India	199193	1.42
10	Asianet Satellite Communications Ltd.	B	Kerala	76403	0.54
	Total of Top 10 ISPs			13501409	96.09
	Others			549248	3.91
	Grand Total			14050657	100

* Report not received for this quarter. Figures shown are for previous quarter.

1.26 BSNL holds 54.09% of the market share and reported a subscriber base of 7.60 million Internet subscribers at the end of June 2009 as against 7.26 million at the end of March 2009. MTNL is at second position (2.18 million) followed by Bharti (1.14 million). Detailed table with subscriber numbers & growth rates of all the ISPs is at Annexure-4.

1.27 Top 10 ISPs together hold 96.09% of the total Internet subscriber base.

Chart 1.13: Growth achieved by top ten ISPs during the quarter

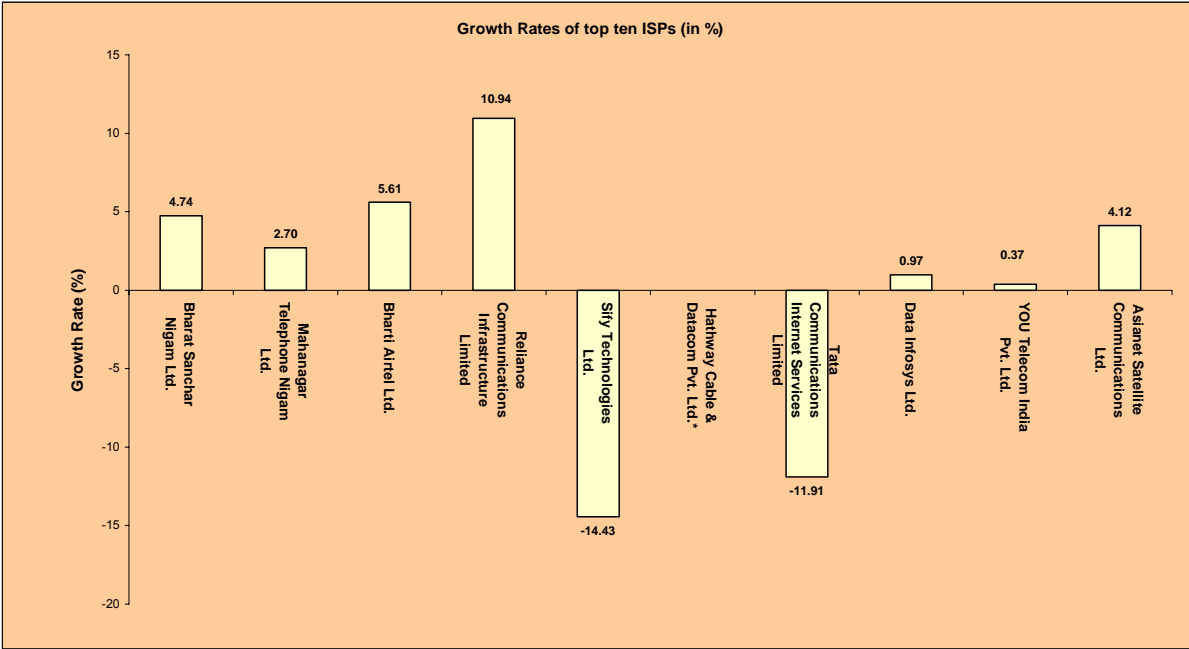
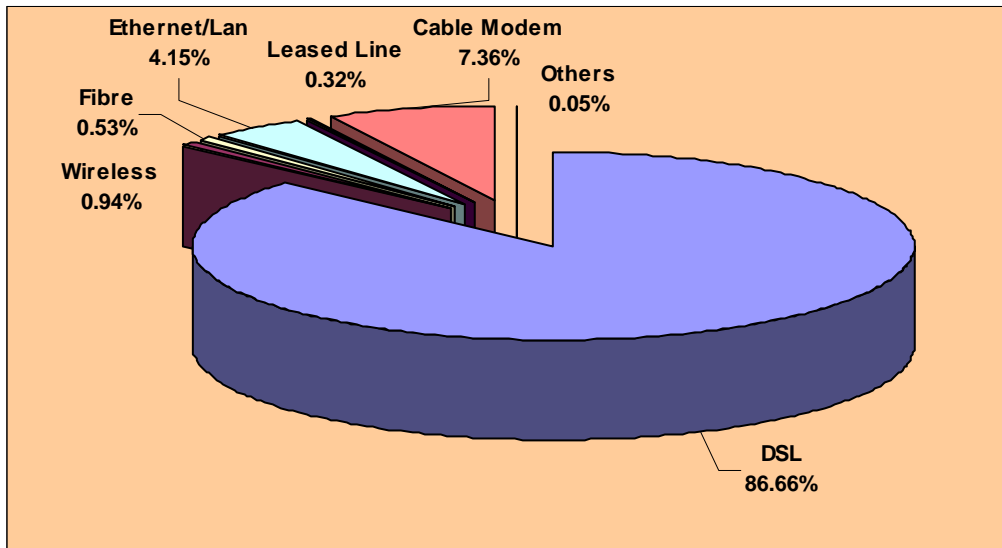
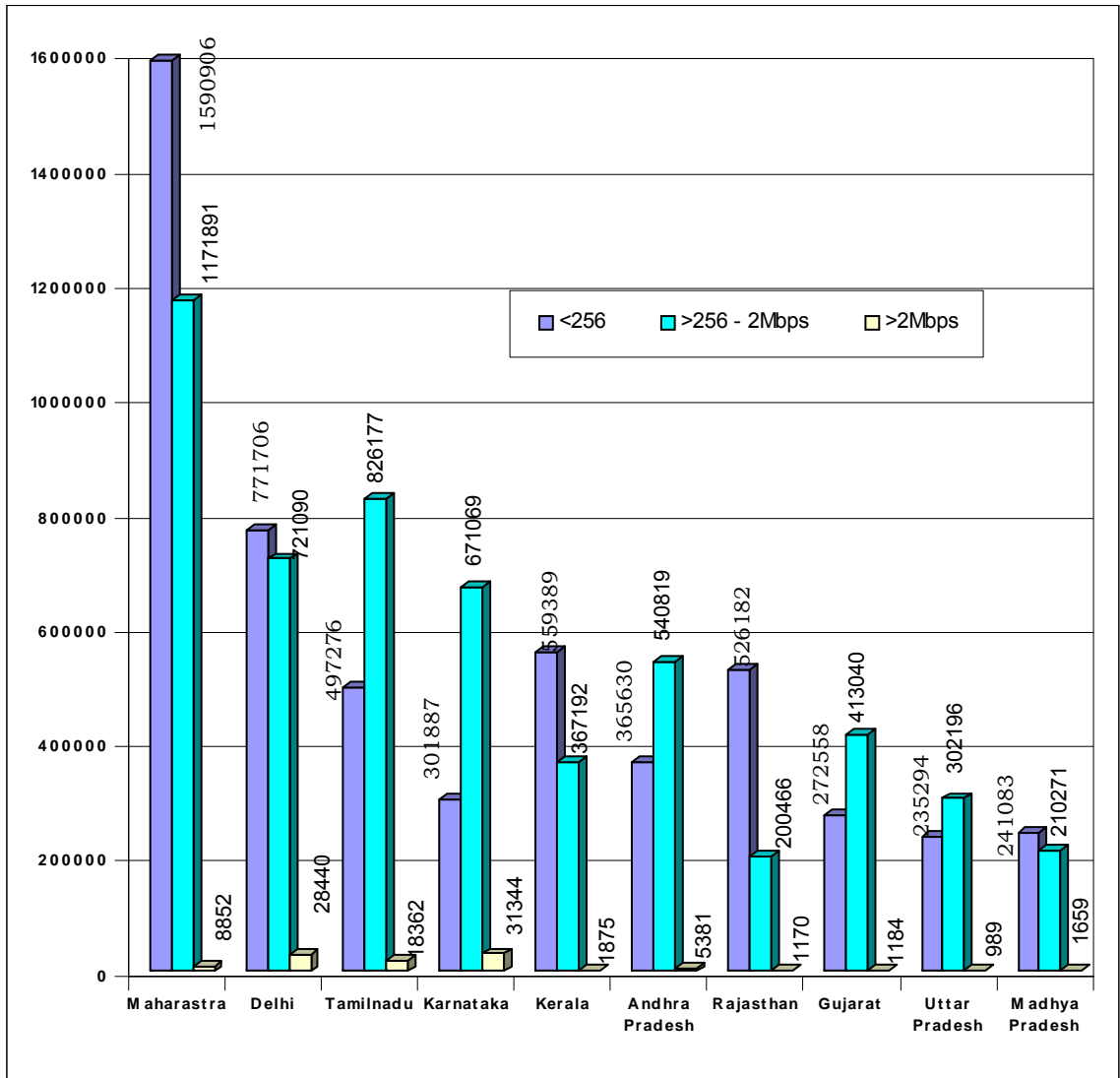


Chart 1.14: Broadband Access - Technologies & Market Share



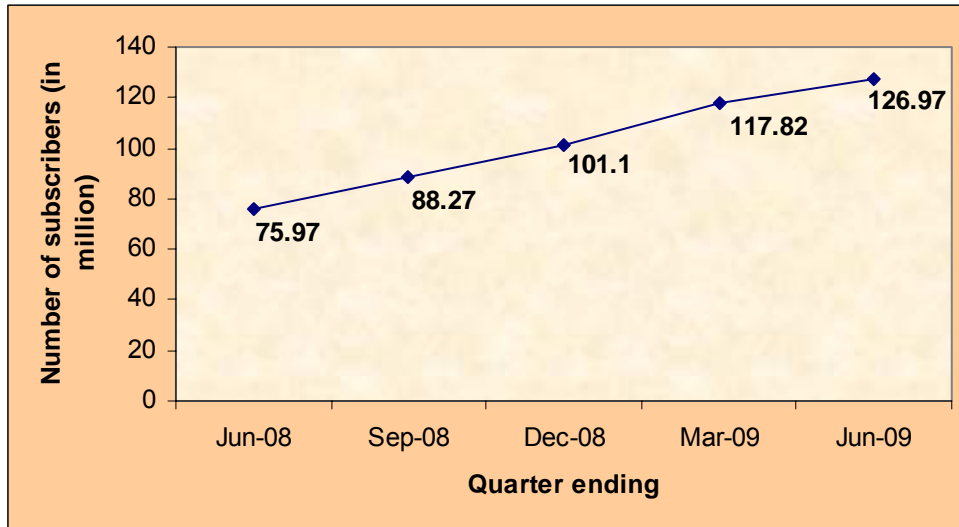
1.28 DSL (Digital Subscriber Line) is the most preferred technology used by the Service Providers to provide Broadband Services and it constitutes 86.66% of total broadband subscribers. Cable Modem Technology follows with 7.36% connections.

Chart 1.15: Speed Category wise data on Internet/broadband subscribers for top 10 States



1.29 Maharashtra is having largest Internet and Broadband subscriber base in the country.

Chart 1.16: Growth of wireless subscribers capable of Accessing Data services/Internet



Note: The above chart depicts the number of subscribers who have subscribed to Data Services

Section E: Other Value Added Services – PMRTS & VSAT

Public Mobile Radio Trunk Services (PMRTS)

Table 1.17: PMRTS Subscriber base

Name of the Service Provider	Operative Areas	Subscriber Base as on 31.03.09	Subscriber Base as on 30.06.09	%age change
The Arvind Mills Ltd.	Delhi, Faridabad, Mumbai, Vashi, Ahmedabad, Baroda, Surat, Bharuch, Chennai, Bangalore	11222	10862	-3.21
Procall Limited	Delhi, Jaipur, Gurgaon, Faridabad	6936	7417	6.93
QuickCall	Bangalore, Hyderabad, Chennai	3305	2860	-13.46
Smartalk Pvt Limited	Pune, Vashi, Mumbai	2511	2449	-2.47
Aryadoot Transport Pvt Limited	Vishakhapatnam	1901	1802	-5.21
United Liner Agencies of India (Pvt) Ltd	Delhi, Kolkata	1828	1692	-7.44
Bhilwara Telenet Services Pvt Limited	Mumbai	1464	1514	3.42
Arya Offshore Services Pvt Ltd.	Mumbai, Chennai	1106	1005	-9.13
German Express Shipping Agency (India) Pvt Ltd. (Hapag Llyod)	Navi Mumbai (Belapur), Delhi	735	749	1.9
Jet-Aiu Skyline Transport Pvt Ltd.	Indore	479	513	7.1
India Satcom Ltd.	Bangalore	110	87	-20.91
Container Movement (Bombay) Transport Pvt Ltd.	Delhi	6	1	-83.33
Total		31603	30951	-2.06

1.30 The subscriber base of PMRTS decreased from 31,603 in March, 2009 to 30,951 in June, 2009.

1.31 Delhi has the highest number of subscribers (7048) followed by Mumbai (4921), Chennai (4069) and Bangalore (3927). These 4 service areas account for 64.50% of the total subscribers. Service area-wise subscriber base is at Annexure-5.

Very Small Aperture Terminal (VSAT)

Table 1.18: VSAT Service Providers currently providing service & subscriber base

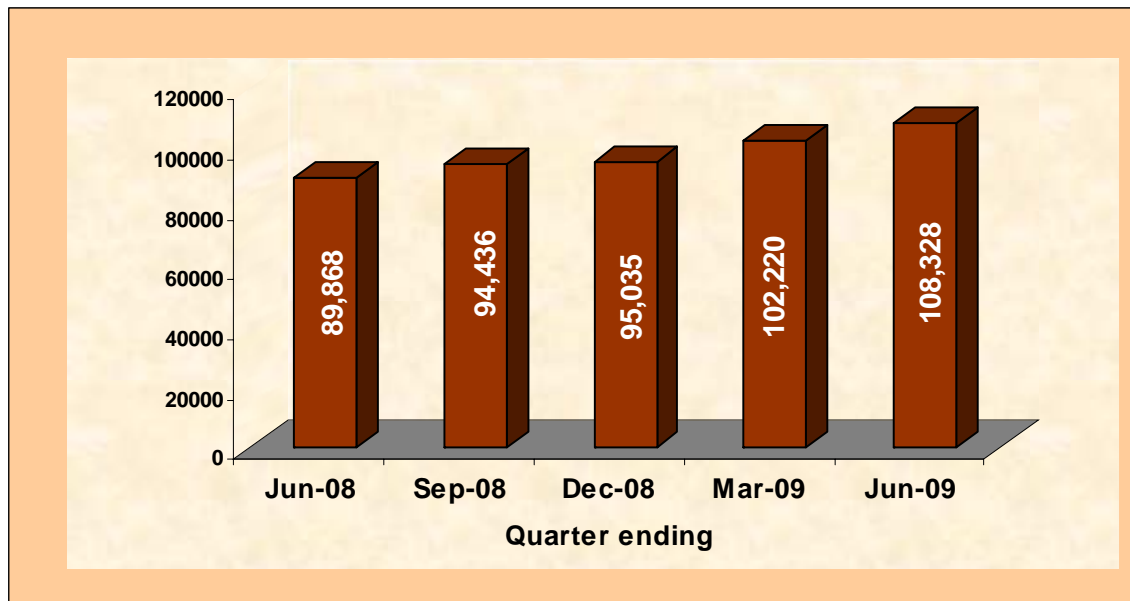
Name of Service Provider	Quarter ending		%age change	Market Share
	Mar-09	Jun-09		
Hughes Communications Ltd.	30011	31846	6.11	29.4%
Bharti Airtel Limited, Bangalore	26463	28059	6.03	25.9%
HCL Comnet	25914	26100	0.72	24.09%
Tatanet Services	8390	10951	30.52	10.11%
Bharti Broadband	5276	4801	-9	4.43%
BSNL	3421	3827	11.87	3.53%
Essel Shyam	2728	2728	0	2.52%
ITI	17	16	-5.88	0.01%
Total	102220	108328	5.98	

1.32 The total number of VSAT subscribers increased from 1,02,220 in March 2009 to 1,08,328 in June 2009. Net additions has been 6108 and, the growth rate 5.98%.

1.33 Hughes Communication Limited is the market leader with subscriber base of 31846 followed by Bharti Airtel Ltd. Bangalore (28059) and HCL Comnet (26100) VSAT subscribers respectively.

1.34 Tatanet Services has the highest growth rate of 30.52% in this quarter followed by BSNL with 11.87%.

Chart 1.17 : Number of VSAT connections



Chapter 2: Revenue and Usage

For all the parameters, Metros indicate data for Delhi, Mumbai & Kolkata. Data for Chennai service area has been included in Circle A, as part of TN

Section A: GSM – Full Mobility Service

Table 2.1: Key Indicators

	Mar-09	June-09	%age Change
Subscriber base (Million)	297	328	10.5%
Share of prepaid (%)	93.5	94.3	0.8%
Incoming MOU* per sub per month	249	231	-7.0%
Outgoing MOU* per sub per month	235	223	-5.3%
Outgoing SMS per sub. Per month	30	28	-4.2%
Average Revenue Per User (ARPU) (Rs. per month)	205	185	-10.1%

* Minutes of usage

Chart 2.1: Traffic pattern

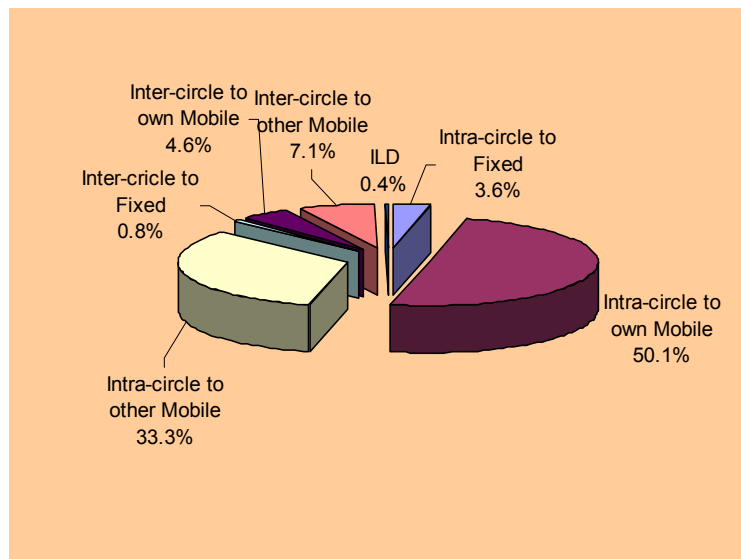
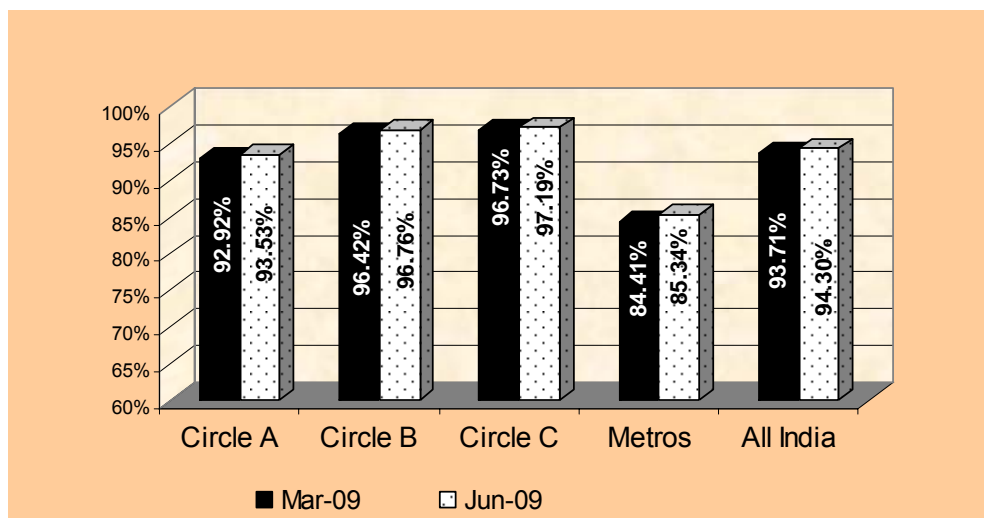


Chart 2.2: Proportion of prepaid subscribers



2.1 Share of prepaid subscription has grown from 93.7% in Mar-09 to 94.3% in Jun-09.

Table 2.2: ARPU

(Rs. per month)

Circle category	Postpaid	Prepaid	Blended ARPU
Circle A	530	167	191
Circle B	468	161	171
Circle C	491	163	173
Metro	615	150	221
All India	539	162	185
All private SPs	585	165	188
BSNL/MTNL	382	148	168

2.2 The all India blended ARPU per month declined by 10.1% from Rs. 205 in Mar-09 to Rs. 185 in Jun-09.

2.3 Decline in ARPU was largely in the prepaid segment (10.2% from Rs. 181 in Mar-09 to Rs. 162 in Jun-09). The decline in postpaid was negligible (from Rs. 543 in Mar-09 to Rs. 539 in Jun-09).

Table 2.3: Composition of Revenue (%)

Item	Mar-09	Jun-09
Rental Revenue	17.9%	17.5%
Revenue from Call charges (usage)	61.0%	61.7%
Revenue from Roaming	8.1%	8.3%
Revenue from SMS	4.2%	4.2%
Other Revenues *	8.8%	8.3%

* Other revenue includes revenue from other value added services, installation etc.

Table 2.4: MOU & SMS**(per subscriber per month)**

Circle category	Postpaid				Prepaid			
	O/G MOU	I/C MOU	Total MOU	O/G SMS	O/G MOU	I/C MOU	Total MOU	O/G SMS
Circle A	633	509	1142	92	184	205	389	45
Circle B	594	466	1060	47	208	218	426	15
Circle C	501	337	838	37	238	268	506	13
Metro	547	449	996	53	169	180	349	15
All India	590	471	1061	67	199	216	415	26

BLENDED [Postpaid + Prepaid]

Circle category	O/G MOU	I/C MOU	Total MOU	O/G SMS
Circle A	214	226	440	48
Circle B	221	226	448	16
Circle C	246	270	516	13
Metro	226	220	447	21
All India	223	231	454	28

2.4 MOU per subscriber continues to show a declining trend. It declined by 6.19% from 484 in QE Mar-09 to 454 in QE Jun-09. The outgoing MOU declined by 5.30% and incoming MOU by 7.04%.

- 2.5 Decline in MOU is 1.53% in Postpaid and 5.68% in Prepaid.
- 2.6 The overall ratio of incoming-outgoing MOUs remained unchanged as 51:49.
- 2.7 Outgoing SMS per subscriber decreased from 30 in Mar-09 to 28 in Jun-09.

Table 2.5: Traffic pattern

Circle Category	Intra-circle to Fixed	Local (Intra-circle)		Inter-circle to Fixed	NLD (Inter-circle)		ILD
		to own Mobile	to other Mobile		to own Mobile	to other Mobile	
Circle A	4.20%	45.55%	39.42%	0.69%	4.10%	5.62%	0.42%
Circle B	3.53%	55.10%	30.59%	0.64%	3.53%	6.21%	0.40%
Circle C	1.98%	59.99%	25.98%	0.68%	4.95%	6.24%	0.18%
Metros	4.28%	36.09%	32.32%	1.86%	9.19%	15.55%	0.71%
All India	3.64%	50.11%	33.32%	0.81%	4.61%	7.10%	0.41%

Average Subscriber outgo* per minute

2.8 The tariff plans are of bundled nature and the trade-off is generally between monthly fixed charges and Variable (call) charges. The average outgo per outgoing minute (Rental revenue + Airtime revenue per outgoing minute), therefore, is a realistic indicator of tariff levels. The table below provides the figures for the quarter ending June-09.

Table 2.6: Average outgo per outgoing minute

[Rs. Per min]

Circle Category	Postpaid	Prepaid	Blended
Circle A	0.74	0.80	0.79
Circle B	0.74	0.69	0.69
Circle C	0.96	0.63	0.65
Metros	0.87	0.83	0.84
All India	0.79	0.73	0.74

* Outgo includes both Rental and call charges

2.9 All India blended average outgo per minute declined from Rs. Rs. 0.76 in Mar-09 to Rs. 0.74 in June-09

Section B: CDMA – Full Mobility Service

Table 2.7: Key Indicators

Parameters	Mar-09	Jun-09	%age change
Subscriber Base in Millions	75.81	78.78	3.9%
Share of Prepaid (%)	92.9	93.1	0.2%
Incoming MOUs per subs per month	192	182	-5.2%
Outgoing MOUs per subs per month	164	160	-2.7%
Outgoing SMS per subs per month	10	11	6.4%
ARPU (Rs. Per month)	99	92	-7.2%

Chart 2.3: Traffic Pattern

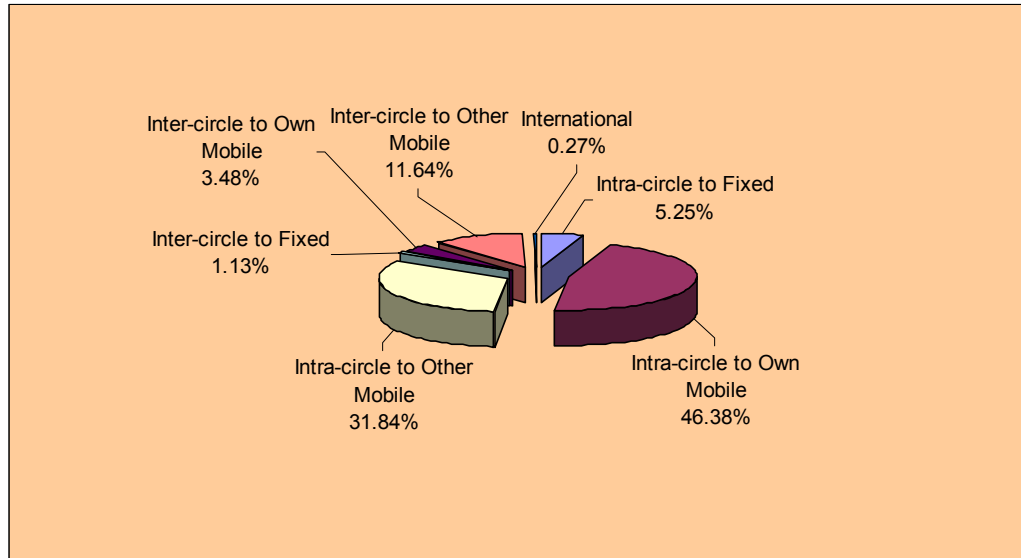
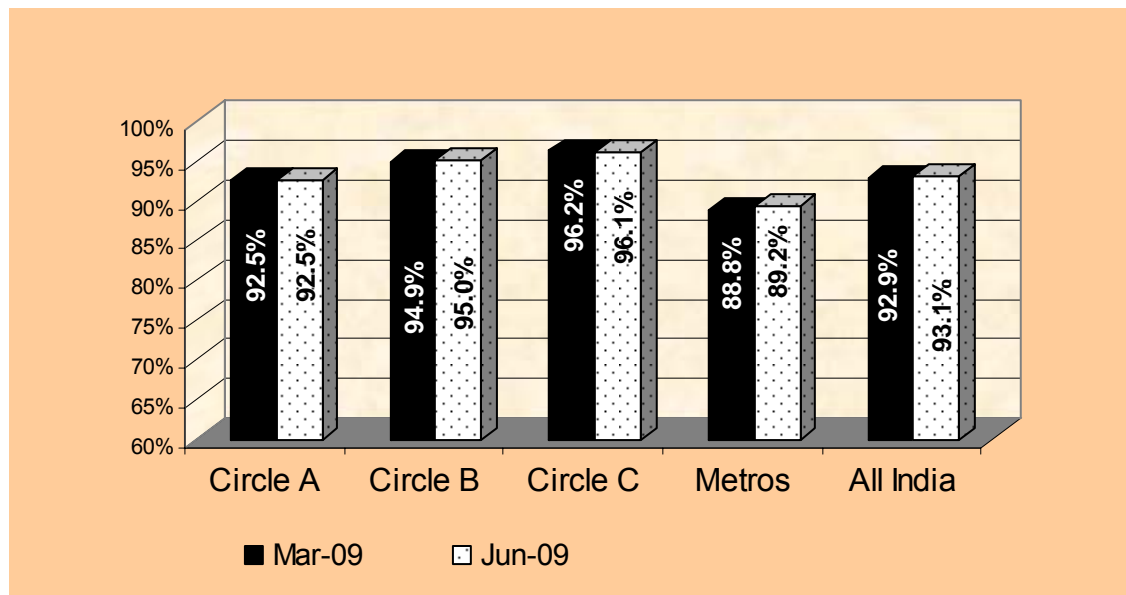


Chart 2.4: Proportion of prepaid subscribers



2.10 Share of prepaid subscription has grown from from 92.9% in Mar-09 to 93.1% in Jun-09.

Table 2.8: ARPU

(Rs. per month)

Circle	Postpaid	Prepaid	Blended ARPU
Circle A	391	65	90
Circle B	338	65	79
Circle C	450	87	101
Metro	443	75	115
All India	396	69	92

2.11 The all India Blended ARPU for prepaid service declined by 10% from Rs. 77 in March-09 to Rs. 69 in June-09, whereas ARPU for

Postpaid service increased by 4% from Rs.381 in March-09 to Rs. 396 in June-09.

Table 2.9: Composition of Revenue (%)

Item	Mar-09	Jun-09
Rental Revenue	23.6%	25.2%
Revenue from Call charges (usage)	59.6%	57.2%
Revenue from Roaming	2.8%	2.1%
Revenue from SMS	5.1%	6.0%
Other Revenues *	8.9%	9.5%

* Other revenue includes revenue from other value added services, installation etc.

Table 2.10: MOU & SMS

(per subscriber per month)

Circle	Postpaid				Prepaid			
	Outgoing MOU	Incoming MOU	Total MOU	Outgoing SMS	Outgoing MOU	Incoming MOU	Total MOU	Outgoing SMS
Circle A	472	352	824	16	105	141	246	12
Circle B	655	398	1053	14	136	177	313	7
Circle C	804	395	1199	7	182	243	425	5
Metro	522	359	881	29	139	168	307	13
All India	551	368	919	20	130	168	298	10

Circle	Blended			
	Outgoing MOU	Incoming MOU	Total MOU	Outgoing SMS
Circle A	133	157	290	13
Circle B	162	188	350	7
Circle C	206	249	455	5
Metro	181	189	370	15
All India	160	182	342	11

2.12 The total MOU per subscriber per month has shown a decline of 4%, from 357 (Q.E March 2009) to 342 (Q.E June 2009).

2.13 The Outgoing MOU declined by 2.7%, from 164 in previous quarter to 160 in the current quarter. Incoming MOU also declined, by 5.2%, from 192 to 182.

2.14 SMS usage increased from 10 in March-09 to 11 in June-09.

Table 2.11: Traffic Pattern

Circle Category	Intra-circle to Fixed	Local (Intra-circle)		Inter-circle to Fixed	NLD (Inter-circle)		ILD
		to own Mobile	to other Mobile		to own Mobile	to other Mobile	
Circle A	6.0%	42.5%	40.3%	1.1%	3.3%	6.5%	0.28%
Circle B	6.1%	46.1%	31.5%	1.1%	3.4%	11.3%	0.53%
Circle C	1.9%	45.2%	38.0%	1.3%	3.0%	10.5%	0.05%
Metros	4.7%	50.9%	21.7%	1.1%	3.9%	17.5%	0.04%
All India	5.3%	46.4%	31.8%	1.1%	3.5%	11.6%	0.27%

Table 2.12: Average outgo per outgoing minute

[Rs. Per min]

Circle Category	Postpaid	Prepaid	Blended
Circle A	0.79	0.57	0.63
Circle B	0.59	0.46	0.48
Circle C	0.63	0.42	0.45
Metros	0.87	0.54	0.65
All India	0.74	0.50	0.56

* Outgo includes both Rental and call charges

2.15 All India blended average outgo per minute for CDMA declined from Re. 0.57 in March-09 to Rs. 0.56 in June-09.

Section C: Internet Services

Revenue of ISPs

2.16 The total Revenue from Internet Service as reported by ISPs was Rs.2039.51 crores at the end of June 2009. Revenues from the sector increased by 1.92% over the QE Mar-09 (Rs. 2000.97 crores). The Revenue flow is Rs. 138.52 crores from Dial up Subscribers, 454.09 crores from Leased Line Subscribers, 1221.06 crores from Broadband Subscribers, 10.23 crores from Internet Telephony Subscribers, 0.87 crores from IPTV Services and 214.73 crores from Other Services.

Dial up Access - Minutes of use per subscriber

2.17 The Average Revenue Per User (ARPU) per month for dialup Internet usage is Rs 243.50 for the quarter ending June 2009 as against Rs. 236.47 in QE March 2009, thereby showing an increase of 2.97%.

2.18 The average Minutes of Usage (MoU) per subscriber per month for dialup subscribers was approximately 243.57 minutes during day time i.e. between 8 a.m to 8 p.m and approximately 109.67 minutes during night time i.e. between 8 p.m to 8 a.m.

Internet Telephony

2.19 Total Minutes of Usage (MOU) for Internet Telephony has slightly increased to 131.94 million at the end of June 2009 as compared to 131.63 million minutes at the end of March 2009, registering an increase of 0.23% over the previous quarter.

Chapter 3: Financial Data of Telecom Service Sector

Table 3.1: Gross Revenue (GR), Adjusted Gross Revenue (AGR), License Fee (LF) & Spectrum Charges

Particulars	QE Mar-09 (Rs. in Crore)	QE June-09 (Rs. in Crore)	%age Change
Gross Revenue (GR)	40,444.65	39,108.33	-3.30%
Adjusted Gross Revenue (AGR)	29,725.37	29,732.52	0.02%
License Fee	2,496.29	2,507.20	0.44%
Spectrum Charges	849.84	874.02	2.85%
Pass through (GR – AGR)	10,719.29	9,375.81	-12.53%

- 3.1 Gross Revenue has declined by 3.30% but AGR has increased by 0.02% over the previous quarter. Last Quarter, both GR and AGR increased, by 2.63% and 2.71% respectively.
- 3.2 Average License fee as % Gross Revenue: 6.41%.
- 3.3 Average License fee as % Adjusted Gross Revenue: 8.43 %.
- 3.4 Pass Thru charges have shown substantial reduction of 12.53%.
- 3.5 Public sector undertaking's share to Total GR: 23.92%.

Table 3.2: Service-wise Gross Revenue, Adjusted Gross Revenue (AGR), Licence Fee and Spectrum Charges

(Rs. in Crore)

Service	QE June-09				% Share			
	GR	AGR	LF	Spectrum Charges	GR	AGR	LF	Spectrum Charges
Access Providers	31239.93	24879.86	2216.40	871.58	79.88%	83.68%	88.40%	99.72%
NLD	4380.28	3501.77	209.89	0.00	11.20%	11.78%	8.37%	0.00%
ILD	2215.27	1056.80	63.34	0.00	5.66%	3.55%	2.53%	0.00%
Others (reported)	1272.84	294.08	17.57	2.44	3.25%	0.99%	0.70%	0.28%
Total	39108.33	29732.52	2507.20	874.02				

3.6 Access services contributed 79.88% of the total revenue of telecom services.

Table 3.3: Access Services – Service Provider wise Gross Revenue (Rs in Cr.)

Service Provider	QE Mar-09	QE June-09	% Change (Q-on-Q)
Aircel	894.61	897.51	0.32%
Bharti	8895.97	8912.77	0.19%
BSNL	7342.03	6327.65	-13.82%
Etisalat	52.05	51.09	-1.84%
HFCL	39.52	37.42	-5.31%
Idea	2867.70	2893.09	0.89%
Loop	173.37	166.75	-3.82%
MTNL	1345.73	1207.23	-10.29%
Reliance	3132.32	3049.18	-2.65%
Sistema Shyam	30.64	37.35	21.90%
Spice	315.72	308.67	-2.23%
Tata	2135.86	1868.00	-12.54%
Unitech	2.77	12.69	358.12%
Vodafone	5500.82	5470.53	-0.55%
Grand Total	32729.11	31239.93	-4.55%

3.7 In Access services, GR and AGR have declined by 4.55% and 0.13% respectively whereas License Fee (LF) and Spectrum charges have increased by 0.42% and 2.73% respectively. During the QE June-09 most of the Access Service Providers have registered negative growth in its Gross revenue, highest -ve growth being in BSNL.

Table 3.4: Category-wise share in Access Revenue (GR)

Category	Gross Revenue (Rs in Cr.)	Share %
Metro	6084	19.47%
A	11907	38.12%
B	10208	32.68%
C	3041	9.73%
Total	31240	100%

Note: The data for Chennai has been shown under Category A (alongwith TN)

Table 3.5: Details of Pass Thru in Access, NLD and ILD

Services	Current Quarter		Previous Quarter	
	Pass Thru (Rs. In Cr.)	% of GR	Pass Thru (Rs. In Cr.)	% of GR
Access	6360.07	20.36 %	7817.00	23.88 %
NLD	878.51	20.06 %	1056.56	24.75 %
ILD	1158.47	52.29 %	966.92	43.03 %
Others*	978.76	76.90%	878.80	73.25%
Total	9375.81	23.97 %	10719.29	26.50 %

Notes:

- * others include ISPs & IP-II
1. Source: Figures are un-audited and as submitted by the Operators.
 2. The figures have been regrouped for analysis purpose.
 3. The Spectrum charges are now reported on "Payment due for the Quarter" basis. However some operators are reporting on payment basis or on estimate basis on projected AGR for next quarter.
 4. Tulip IT Services did not furnish data of their NLD and ILD operations, as they were yet to submit the same to the Deptt. of Telecommunications.

Chapter 4: Quality of Service (QoS)

Section A: Quality of Service Performance of Wireless Service Providers

Table 4.1: QoS Summary - Wireless Service

S. No.	Parameters	Benchmark	No. of Operators not Meeting the Benchmarks			
			Quarter Ending March, 2009		Quarter Ending June, 2009	
			Out Of 146 (Nos.)	Out Of 146 (in %)	Out Of 156* (Nos.)	Out Of 156* (in %)
1	Accumulated down time of Community isolation	<24 hrs	0	0.00%	2	1.28%
2	Call Set-Up Success Rate (Within Licensee's Own network)	>95%	5	3.42%	7	4.49%
3	Service access delay	<15 Sec	1	0.68%	0	0.00%
4	Blocked call rate	<1%	13	8.90%	12	7.69%
	(i) SDCCH/paging channel congestion					
	(ii) TCH Congestion	<2%	12	8.22%	8	5.13%
5	Call drop rate	<3.0%	3	2.05%	4	2.56%
6	Connections with good voice quality	>95%	8	5.48%	5	3.21%
7	Response time to the customer for assistance					
(i)	%age of calls answered (electronically); within 20 seconds = 80%	80%	0	0.00%	0	0.00%
(ii)	%age of calls answered (electronically); within 40 seconds = 95%	95%	1	0.68%	1	0.64%
(iii)	%age of calls answered by operator (voice to voice); within 60 seconds = 80%	80%	27	18.49%	37	23.72 %
(iv)	%age of calls answered by operator (voice to voice); within 90 seconds = 95%	95%	43	29.45%	58	37.18 %

8	Complaints per 100 bills issued	<0.1%	2	1.37%	5	3.21%
9	% Of complaints resolved with 4 weeks	100%	0	0.00%	1	0.64%
10	Period of all Refunds/Payment due to Customers from the date of resolution of complaints as in (9) above	<4 Weeks	0	0.00%	0	0.00%

Note : * Information in respect of Vodafone (J&K), Dishnet Wireless (UP-E & UP-W), Aircel (AP, Karnataka, Delhi and Mumbai) and Sistema Shyam (Kolkata and WB) have been added in this quarter.

4.1 The following QoS benchmark parameters have been met by all the Service Providers:

- a. Service Access Delay
- b. %age of calls answered (electronically) within 20 sec
- c. Period of all refunds/payment due to customers from the date of resolution of complaints

4.2 The performance has improved in this quarter as compared to the previous quarter in respect of the following parameters:-

- a. Blocked Call rate (TCH Congestion)
- b. %age of Connections with good voice quality.

4.3 The performance has deteriorated in this quarter as compared to the previous quarter in respect of the following parameters:-

- a. Call Set-Up Success Rate (Within Licensee's Own network)
- b. Call drop rate.
- c. Response time to the customer for assistance
 - (i) %age of calls answered (voice to voice) within 60 sec.
 - (ii) %age of calls answered (voice to voice) within 90 sec.
- d. Complaints per 100 bills issued.
- e. %age of complaints resolved within 4 weeks

Table 4.2: Parameter- wise Performance of Wireless Service Providers

Parameters	Benchmark	Service Providers not meeting the Benchmarks
Accumulated down time of Community Isolation	<24 hrs	BSNL – KR(369) Vodafone – NE (37.20)
Call Set-Up Success Rate (Within Licensee’s Own network)	>95%	Bharti Airtel – KTK (92.64%), Bihar (92.78%), NE (84.95%) Dishnet - Bihar (82.29%), Assam (88.55%), J&K (88.35%), NE(74.41%)
Service Access Delay	<15 sec.	All the Operators meet this Benchmark
Blocked call rate (i) SDCCH/paging channel congestion	<1%	Bharti Airtel – AP (1.13%), KTK (2.47%), RJ (1.15%), WB (1.43%), Bihar (2.78%), Assam (1.79%), NE (7.27%) Dishnet - WB (1.05%), Bihar (7.11%), Assam (3.97%), J&K (5.49%), NE (13.37%)
(ii) TCH Congestion	<2%	Bharti Airtel - AP(2.17%), KTK (3.55%), Assam (2.42%), NE (6.26%) Dishnet - Bihar (7.85%), Assam (3.61%), J&K (2.75%), NE (9.41%)
Call Drop Rate	<3%	Vodafone – MP(3.28%) Dishnet - Assam(3.41%), J&K(3.63%), NE(4.14%)
Connections with good voice quality	>95%	Dishnet - WB (94.04), Bihar (94.50) Assam (90.11%), J&K (93.08%), NE (91.87%)
Response time to the customer for assistance		
(i) %age of calls answered (electronically) within 20 seconds = 80%	80%	All the Operators meet this Benchmark
(ii) %age of calls answered (electronically) within 40 seconds = 95%	95%	BSNL - UP-E (93.00%)
(iii) %age of calls answered by operator (voice to voice); within 60 seconds = 80%	80%	Bharti Airtel - Kerala(76.22%), WB(69.53%), Bihar(69.25%), Orissa(62.63%), Assam(46.95%), J&K(77.64%), NE(71.35%), Kol(69.53%) RCOM - MH (66.71%), Guj(71.29%), KTK(76.86%), Pun(74.02%), HR(62.75%), UPW(49.05%), UPE(55.51%), Raj(59.86%), MP(60.66%), WB(56.81%), HP(74.02%), Bihar(64.50%), Orissa(60.66%), Delhi(67.88%), Mumbai(68.20%), Kol(56.81%) RTL - WB (27.32%), HP (56.55%), Kolkata (50.04%)

Parameters	Benchmark	Service Providers not meeting the Benchmarks
		Vodafone - WB(71.33%), Bihar(52.66%) SPICE – PB (69.00%) Dishnet - UPW (40.89%), UPE(66.38%) Aircel -- AP(67.87%), KTK(77.99%), Delhi(40.83%), Mumbai(57.81%) Sistema Shyam - RJ (62.00%)
(iv) %age of calls answered by operator (voice to voice); within 90 seconds = 95%	95%	BSNL –, UPE(92.00%) MTNL -- Delhi GSM(94.00%) Bharti Airtel - TN(92.99%), Kerala(86.82%), Pun(92.35%), HR(83.69%), Raj(89.52%), MP(92.47%), WB(86.76%), Bihar(73.65%), Orissa(69.73%), Assam(55.11%), J&K(85.96%), NE(79.63%), Kol(86.76%) RCOM - MH (68.40%), GJ (78.56%), AP (83.94%), KTK (83.35%), TN (85.68%), KR (87.54%), Pun(74.16%), HR (62.93%), UP-W (50.19%), UP-E (56.18%), RJ (59.95%), MP (60.66%), WB (58.65%), HP (74.16%), Bihar (64.68%), Orissa(60.86%), Delhi (68.22%), Mumbai (73.40%), Chennai (85.24%), Kolkata (58.65%) RTL - WB (50.11%), HP (74.44%), Kolkata (56.39%) Tata Tele - KTK(93%), Kerala (90%) Vodafone – WB(81.00%), Bihar(59.66%) SPICE – PB (90.00%) Idea - UPW(92.00%), Raj(92.00%), MP(94.00%), HP(91.00%), Delhi(94.00%) Dishnet - Kerala(94.60%), UPW(43.39%), UPE(70.57%), WB(91.97%) Aircel -- AP(70.45%), KTK(80.45%), TN(86.59%), Delhi(44.1%), Mumbai(61.60%), Chennai(91.90%)
Complaints per 100 bills issued	<0.1%	Aircel -- AP(3.00%), KTK(3.00%), Mumbai(5.00%), Chennai(0.21%) Idea - AP (0.11%)
% of complaints resolved within 4 weeks	100%	Aircel – AP (97.00%)
Period of all Refunds/Payment due to Customers from the date of resolution of complaints	<4 Weeks	All the Operators meet this Benchmark

4.4 Some of the Service Providers are having major problems in achieving the benchmarks in respect of parameters (i) %Age of calls answered by operator (voice to voice) and (ii) Blocked Call Rate.

- 4.5 The study on the data pertaining to the new parameter of %age of cells having more than 3% call (TCH) drop from the month of April to June 2009 has revealed that most of the service providers are having excessive call drops in some of the pockets/cells
- 4.6 The detailed tables on QoS for Wireless Services are available at:
- ❖ Annexure-6: Service Provider wise performance of Qos parameters.
 - ❖ Annexure-7: Percentage of Wireless Service Providers not meeting the QoS Benchmarks
 - ❖ Annexure-8: %age of worst Affected Cells having more than 3% call (TCH) drop data for June-09

Section B: Quality of Service Performance of Wireline Service Providers

Table 4.3: QoS Summary - Wireline Service

S. No.	Parameters	Benchmark	No. of operators not meeting the benchmarks			
			March, 2009		June, 2009	
			Out of 84 In Nos	Out of 84 In %age	Out of 85* In Nos	Out of 85* In %age
1	Provision of Telephones registration demand after of	100% within 7 Days	32	38.10%	18	21.18%
2	Fault incidences per 100 subs/month	<3	31	36.90%	32	37.65%
3	Fault repaired by next working day	>90%	19	22.62%	16	18.82%
4	MTTR	<8Hrs	15	17.86%	12	14.12%
5	Call Completion Rate (in local network)	>55%	3	3.57%	2	2.35%
6	Metering & billing credibility - % of bills	<0.1%	2	2.38%	3	3.53%
7	Customer Care Service (95% of requests)					
(i)	Shifts	<3 Days	11	13.10%	7	8.24%
(ii)	Closures	<24 hrs.	0	0.00%	0	0.00%
(iii)	Additional Facilities	<24 hrs.	5	5.95%	1	1.18%
8	Response time to the customer for assistance					
(i)	%age of calls answered (electronically)					
	Within 20 sec = 80%	80%	0	0.00%	0	0.00%
	within 40 sec = 95%	95%	1	1.19%	2	2.35%

(ii)	%age of calls answered by operator (voice to voice)					
	Within 60 sec = 80%	80%	1	1.19%	3	3.53%
	within 90 sec = 95%	95%	4	4.76%	20	23.53%
9	Time taken for refund of deposits after closures	100% within 60 days	2	2.38%	1	1.18%

Note : * Information in respect of Tata for WB has been added in this quarter.

4.7 The following QoS benchmark parameters have been met by all the Service Providers:

- a. Customer Care Service (Closures)
- b. Response time to the customer for assistance
 - (i) %age of calls answered (electronically) within 20 sec

4.8 The performance has improved as compared to the previous quarter, in respect of the following parameters: -

- a. Provision of Telephones
- b. Faults repaired by next working day
- c. Mean Time to Repair
- d. Call Completion Rate
- e. Customer Care Services (Shifts and Additional Facilities)
- f. Time taken for refund of deposits

4.9 The performance has deteriorated in this quarter, as compared to the previous quarter, in respect of the following parameters:-

- a. Faults incidences
- b. Metering & billing credibility
- c. Response time to the customer for assistance
 - (i) %age of calls answered (electronically) within 40 sec
 - (ii) %age of calls answered by operator (voice to voice)

Table 4.4: Parameter wise QoS of Wireline Service Providers

Parameters	Benchmarks	Service Providers not meeting the Benchmarks
Provision of Telephones after registration of demand	100% within 7 Days	<p>BSNL = AP (88.75%), MH (77.70%), A&N (97.90%), Assam (99.22%), Chennai (99.00%), KR (94.98%), Kolkata (99.00%), NE-I (92.29%), Orissa (99.37%), UP-W (96.36%)</p> <p>MTNL = Delhi (98.88%), Mumbai (94.89%)</p> <p>Reliance = RJ (97.26%)</p> <p>Tata = MH (91.06%)</p> <p>HFCL = Punjab (98.85%)</p> <p>Shyam = Rajasthan (98.17%)</p>
Fault incidences per 100 subs/month	<3	<p>BSNL = AP (4.10), Bihar (5.30), GJ (5.40), Chhattisgarh (5.90), MP (3.70), MH (6.50), PB (7.20), RJ (4.70), HR (5.40), KTK (4.60), A&N (4.30), Assam (6.20), Chennai (4.50), HP (8.60), Jharkahand (4.00), J&K (8.70), KR (7.00), Kolkata (4.50), NE-I (4.80), NE-II (3.30), Orissa (4.50), UP-E (4.40), UP-W (7.00), Uttaranchal (5.40), WB (5.80)</p> <p>MTNL = Delhi (7.64), Mumbai (6.96)</p> <p>Bharti = AP (5.00), MP (7.00), TN (5.00), KTK (4.00)</p> <p>HFCL = Punjab (3.60)</p>
Fault repaired by next working day	>90%	<p>BSNL = AP (79.16%), Bihar (83.86%), MH (89.44%), PB (88.46%), A&N (87.69%), Chennai (86.82%), J&K (70.50%), KR (82.32%), Kolkata (86.82%), NE-I (89.23%), UP-W (88.10%), WB (86.82%)</p> <p>MTNL = Delhi (86.46%), Mumbai (88.28%)</p> <p>Tata = AP (80.69%)</p> <p>Sistema Shyam = Rajasthan (89.06%)</p>
MTTR	<8Hrs	<p>BSNL = AP (14.39 hrs.), MH (14.87 hrs.), PB (12.20 hrs.), A&N (8.81 hrs.), KR (18.88 hrs.), Kolkata (8.60 hrs.), NE-I (15.40 hrs.), NE-II (8.50 hrs.), WB (8.68 hrs.)</p> <p>MTNL = Delhi (10.30 hrs.), Mumbai (14.46 hrs.)</p> <p>Tata = HR (8.10 hrs.)</p>
Call Completion Rate (in local network)	>55%	<p>BSNL = J&K (52.00%)</p> <p>MTNL = Delhi (51.98%)</p>

Parameters	Benchmarks	Service Providers not meeting the Benchmarks
Metering & billing credibility - % of bills	<0.1%	Tata = MH (0.276%), HR (0.11%) Reliance = RJ (0.120%)
Customer Care Service (95% of requests)		
Shifts	<3 Days	BSNL = AP (82.00%), MH (87.00%), A&N (92.00%), KR (93.00%) MTNL = Delhi (85.53%), Mumbai (89.14%) Bharti = KR (93.00%)
Closures	<24 hrs.	All the Operators meet this Benchmark
Additional Facilities	<24 hrs.	BSNL = AP (88.77%)
Response time to the customer for assistance		
%age of calls answered electronically		
Within 20 sec = 80%	80%	All the Operators meet this Benchmark
Within 40 sec = 95%	95%	BSNL = MP (93.33%), TN (86.30%)
%age of calls answered by operator (voice to voice)		
Within 60 sec = 80%	80%	BSNL = WB (76.67%) Bharti = Delhi (68.00%) Sistema Shyam = Rajasthan (62.00%)
within 90 sec = 95%	95%	MTNL = Mumbai (92.44%) Bharti = AP (91.00%), Delhi (77.00%), PB (88.00%), RJ (88.00%), HR (88.0%), KTK (86.00%), Kolkata (88.00%), UP-E (88.00%), UP-W (88.00%) Tata = AP (91.00%), Delhi (93.00%), GJ (93.00%), PB (94.00%), RJ (93.00%), TN (94.00%), KTK (94.00%), Chennai (94.00%), KR (93.00%), UP-W (94.00%)

Parameters	Benchmarks	Service Providers not meeting the Benchmarks
Time taken for refund of deposits after closures	100% within 60 days	Bharti = KR (93.00%)

4.10 Detailed table containing QOS parameters for all the Wireline Service Providers is given in Annexure-9.

Section C: Quality of Service Performance of Dial-up/ Broadband Service

A. Dial-up service

Table 4.5: Performance on ISPs Quality of Service

Sr. No	Name of the Service Provider	Dial-up access							Mean time to Restore of faults resulting as per subscriber complaints
		Service Activation time	Time to Access	Service Accessibility			ISP node unavailability in a month	GOS on the link connecting to PSTN node to ISP	
				Probability of accessing the ISP node (%)					
				1st Attempt	2nd Attempt	3rd Attempt			
		6 hrs	30 Sec	80.00%	90.00%	99.00%	30 Min	1 in 100	3 days
1	BHARAT SANCHAR NIGAM LTD.	0-4 hrs	16-30 Sec	90.00%	95.00%	100.00%	Nil	0.01	0-4 hrs
2	MAHANAGAR TELEPHONE NIGAM LTD, Delhi	Online	30 Sec	99.75%	99.99%	-	Nil	0.01	5 Min
	MAHANAGAR TELEPHONE NIGAM LTD, Mumbai	Online	26 Sec	100.00%	-	-	Nil	0.0	15 Min
3	BHARTI AIRTEL LTD.	Online	30-40 Sec	99.80%	100.00%	100.00%	<0.015	<0.01	3.2 Min
4	RELIANCE COMM. INFRASTRUCTURE LTD	Online	<25 Sec	98.00%	100.00%	-	Nil	NA	<8 hrs
5	SIFY LTD.	3 Min	30 Sec	90.00%	95.00%	99.00%	20 Min	0.005	NA
6	TATA COMMUNICATIONS	Online	30Sec	80%	90%	99%	12.33 Min	0.01	10-15Min
7	DATA INFOSYS LTD.	2-3 Min	20-25 Sec	95.00%	97.00%	99.00%	30 Min	0.01	15 Min
8	ASIANET SATELITE COMMUNICATIONS	Immediate	10 Sec	98.00%	99.00%	100.00%	<30Min.	0.002	19 .22 hrs
9	HFCL INFOTEL LTD.	NA	30Sec	100%	100%	100%	NA	0.005	3.53 hrs
10	TATA TELESERVICES (MH) / HUGHES TELECOM	NA	20 Sec	99.00%	100.00%	-	NA	0.001	NA

11	HCL INFINET LTD.	4 Min	24 Sec	99.40%	99.20%	99.10%	24 Min	0.002	17-19 hrs
12	SHYAM INTERNET SERVICES LTD.	5 Min	20 Sec	98.50%	99.50%	99.99%	15 Min	0.01	1.5 hrs

Note: NA= Data not available  Not meeting the benchmark

- **Service Activation Time**

HFCL Infotel Ltd and Tata Teleservices (MH) have not provided the data. All other ISPs have met the TRAI benchmark of 6 hrs.

- **Time to Access**

All the ISPs other than Bharti have met the TRAI benchmark of 30 sec.

- **Probability of Accessing the ISP Node**

All the Internet Service Operators have met this benchmark of 80% for first attempt, 90% for second attempt and 99% for third attempt in this quarter.

- **Grade of Service**

ISPs are required to maintain the Grade of Service on the link connecting PSTN Node to the ISP Node as 1 in 100. Reliance Comm. Infrastructure Ltd has not provided data and Tata Communications has informed that the information was not provided by BSO, However from their data on occupancy of E1/R2 links, GOS is better than 1% (0.01).

- **Mean Time to Restore (MTTR)**

ISPs are required to rectify 90% of faults resulting due to subscriber complaint within 24 hours and 99% within three days. All the Operators have met this benchmark. However, Tata Teleservices has not furnished the data for this parameters.

B. Broadband Service

4.11 Out of 95 Broadband Service providers 16 Service Providers are having subscriber base > 10,000 and these 16 Service providers share the 98.56% of total subscriber base. This report covers performance of 15 out of these 16 broadband Service Providers. Ankhnet Informations Pvt. Ltd., which has been newly added to the list of service providers with >10000 subscribers in this quarter has not submitted the report.

Table 4.6: Parameter-wise status of QoS benchmarks for Broadband service

Sl. No.	Parameters	Benchmarks	Name of Service Provider not Meeting the Benchmark
1	Service Provisioning/ Activation Time	100% in =< 15 working days	<p>BSNL:- AP (97.70%), J&K (96.90%), Jharkhand(99.90%), MH(99.30%), Orissa(97.40%), TN(99.70%), WB(98.80%), A&N(99.79%)</p> <p>MTNL:- Delhi (95.05%), Mumbai (79.06%)</p> <p>Tata Communications: East(99.00%), South 1(99.00%), South 2(99.00%), South 3(99.00%), West1(99.00%) West 2(97.00%)</p> <p>Hathway:- AP(97.00%), Chennai(93.00%), Delhi(99.00%), Guj(94.00%), KTK(98.00%), MH(97.00%), TN(94.00%), UP(99.00%)</p> <p>Spectranet – All India (99.37%)</p> <p>Syscon Infoway - MH (89.00%)</p>
2	Faults Repair /Restoration Time		
	% of faults repaired by next working day	>90%	<p>BSNL:- AP(89.00%)</p> <p>MTNL:- Delhi (60.45%), Mumbai (61.14%)</p> <p>Tata communications- South 4 (85.00%)</p> <p>Hathway – Chennai 77.00%)</p> <p>You Telecom: AP(84.00%), Guj(86.00%), TN(88.00%)</p>

Sl. No.	Parameters	Benchmarks	Name of Service Provider not Meeting the Benchmark
	% of faults repaired within 3 working day	=>99%	BSNL:- Jharkhand(98.40%), WB(95.20%) MTNL:- Delhi (82.68%), Mumbai (75.26%) Bharti Airtel:- AP (98.00%), KTK (98.00%) MP&CG(98.00%), TN (97.00%) Tata Communications:- East(97.00%), South 4(96.00%) You Telecom India Pvt Ltd.: AP(98.00%), Guj(98.00%) Syscon Infoway Pvt. Ltd.: (1.00%)
3	Billing Performance		
	%age of billing complaints resolved within 4 weeks	100% within 4 weeks	BSNL:- AP (99.50%), Guj(98.00%), Orissa(99.50%) Bharti Airtel : MP&CG(87.00%) Hathway : Punjab (94.00%)
	%age of cases to whom refund of deposits is made within 60 days of closures	100% within 60 days	BSNL:- MH(99.80%), Orissa(99.30%), A&N(81.30%) Bharti Airtel:- Kol (60.00%) You Telecom: All India (60.00%), AP (88.00%), Guj(59.00%), HR(11.00%), KTK (42.00%), MH(83.00%), TN(81.00%)
4	Response Time to the Customer for assistance		
	%age of calls answered by operator (Voice to voice) within 90 sec	>80%	Tata Communications- Central Region, East, North south1, South2, south 3, south4, West 1, West 2 (74.75%)
5	Bandwidth utilisation/through put		
	No. of Intra network links having Bandwidth utilisation >90% during peak hours (TCBH)		Alliance: Kolkata (7 Links)
	No. of Upstream links for International connectivity having bandwidth utilization >90% during peak hours	<1%	Alliance : Kolkata (1 Link) Bharti Airtel : TN(1 Link)
	% International bandwidth utilization during peak hours (TCBH) (Enclose MRTG) <90%		Bharti Airtel : TN 95.89%) Alliance : Kolkata (91.00%)

Sl. No.	Parameters	Benchmarks	Name of Service Provider not Meeting the Benchmark
6	Service availability /uptime (for all users) in %age	>98%	<u>BSNL:</u> NE I(97.00%), <u>Tata Comm. Ltd.):</u> - North (95.02%), South 2 (97.61%), South 4 (97.13%), West 2(97.52%) <u>Alliance:</u> Kolkata (96.00%) <u>Hathway:</u> Delhi (97.00%) <u>Ortel :</u> Orissa (93.11%)
7.	Packet Loss Packet loss (for wired broadband access) in %age	<1%	Hathway Cables - All circles (AP, Chennai, Delhi, guj, HR, KTK, MH, Pun, TN and UP) (1.00%)

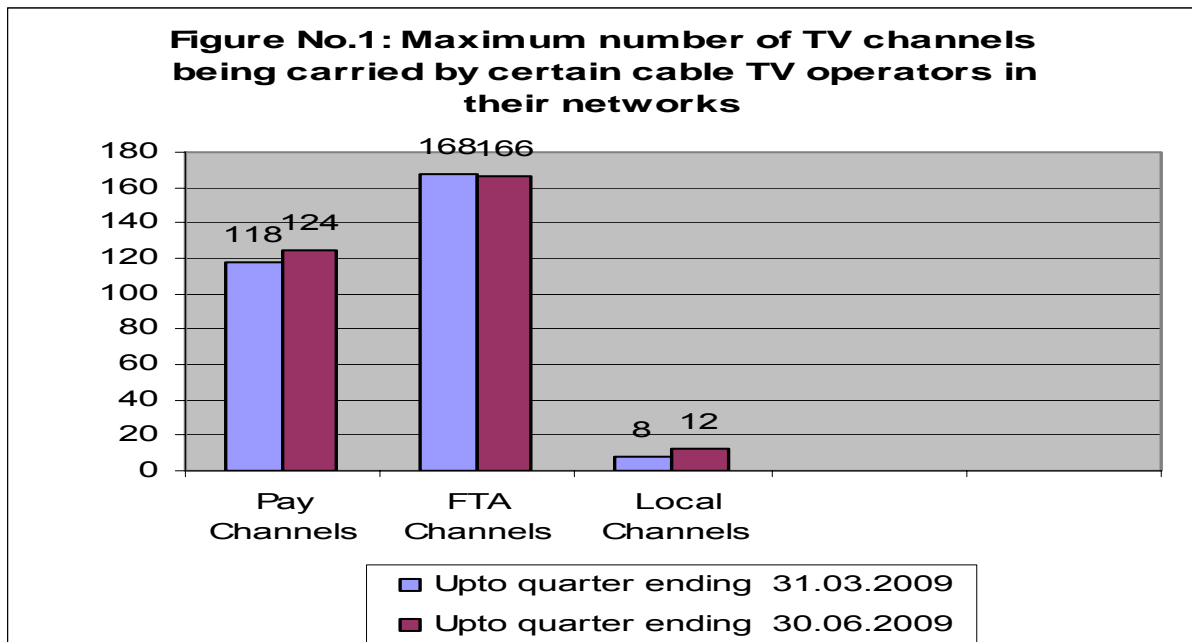
Detailed table containing QoS parameters for all the Broadband Service Providers is given in Annexure-10.

Chapter 5: Performance of Cable TV, DTH and Radio Broadcasting Services

Cable TV Services

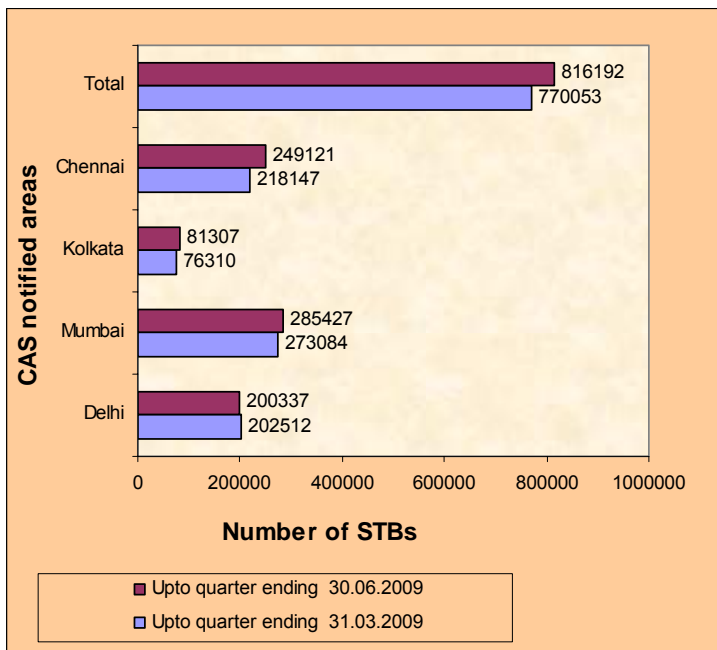
5.1 Chart 5.1 depicts the maximum number of Free-to-Air (FTA) channels, Pay channels and local channels being carried by the Multi System Operators (MSOs) in their network across the country. This is based on the reports received from some of the major service providers regarding the number of channels being carried by them in their networks analogue and/or in digital form. These channels have been reported across different networks of the service providers having different combinations of pay, FTA and Local channels in their network.

Chart 5.1: Maximum number of TV Channels being carried by certain Cable operators in their networks



- 5.2 The maximum number of FTA and Pay Channels reportedly being carried in the cable networks are 166 and 124 respectively in this quarter. However, these numbers relate to different networks and hence cannot be added for arriving at the total number of channels.
- 5.3 Maximum number of TV channels being carried by any of the reported MSOs is 262, whereas in conventional analogue form, the maximum number of channels being carried by the reported MSOs is 100 channels.
- 5.4 At the end of the quarter March, 2009, there were 770053 number of set top boxes (STBs) installed in the CAS notified areas of Delhi, Mumbai, Kolkata and Chennai. This has increased to 816192 at the end of June-09.

Chart 5.2 : Set Top Boxes (STBs)



Satellite TV Channels

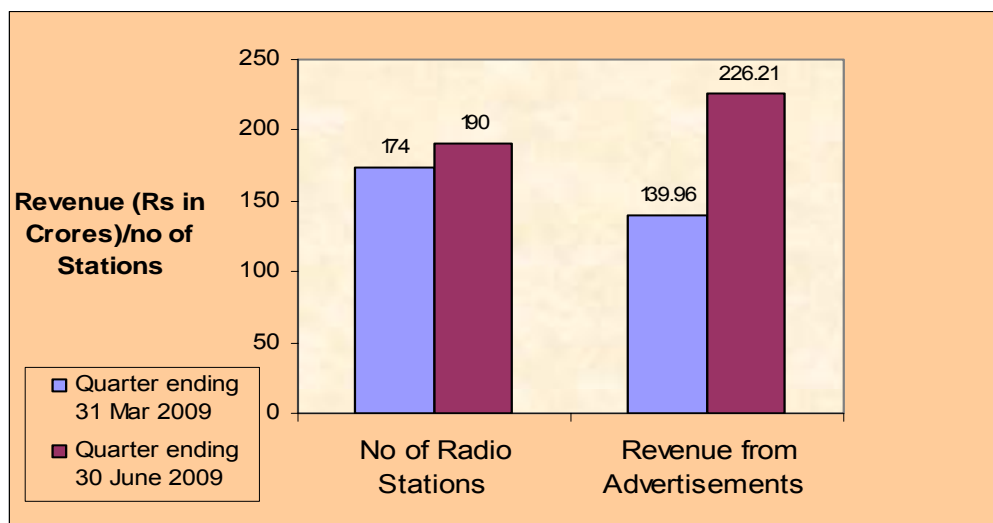
5.5 At the end of June 2009, Total Number of channels registered with Ministry of I&B is 447. There are reportedly 136 pay TV channels in existence. These 136 pay TV channels are being broadcasted/distributed by 24 broadcasters or their distributors. The list of broadcasters/distributors of pay TV channels alongwith the reported rates of pay channels for Non-CAS areas is at Annexure-11.

FM Radio Services

5.6 Apart from All India Radio, there were 245 FM Radio station in operation as on March 31, 2009. During the quarter ending June 30, 2009, there are 248 FM Radio Stations in operation. A list of 248 FM Radio stations is at Annexure-12.

5.7 30 FM Radio Service Providers have reported revenue from Advertisement in respect of 190 Radio Stations and that amounts to Rs. 226.21 Crores. In the previous quarter Rs. 139.96 crores were reported as the Advertisement revenue by 29 FM Service Providers in respect of 174 radio stations. However, the details do not pertain to the same set of service providers.

Chart 5.3: Comparative position of Revenue from FM Radio Stations



Community Radio

5.8 At the quarter ending March, 2009, out of 67 licensees of community radio stations, 41 stations were in operation. In the quarter ending June 30, 2009, 7 licenses were issued. Now, out of 74 licensees, 41 stations are in operation.

Table 5.1: status of applications for community radio station licenses received from Ministry of Information and Broadcasting upto the end of June, 2009

	As on 30.06.2009
Total No. of Applications Received	469
No of Licenses issued	74
No of Letters of Intent Issued	180
No of Applications rejected	41
No of stations operational	41

Source: Ministry of Information & Broadcasting

DTH Services

5.9 Apart from free DTH service of Doordarshan, there are 6 private DTH licensees.

5.10 Private licensees are offering pay DTH services to the consumers as on 30.06.2009. Total number of reported registered subscribers is 15.17 million. The list of DTH licensees is at Annexure-13.

Teleport Service

5.11 Upto quarter ending March 2009, there were 55 Teleport Service Providers in operation in India. In the quarter ending June 2009, three new licenses were issued. At the quarter ending June 2009, 58 Teleport service providers are in operation. A list of these stations is at Annexure-14.

Annexures

Annexure 1: Wireless Subscriber Base

Sl.	Service area	Group											
		Vodafone Essar		Loop Mobile(BPL Mobile)		Idea		Bharti Airtel		Reliance		HFCL Infotel	
		Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09
1	A.P.	3,956,698	4,416,028	-	-	5,045,051	5,463,665	9,086,180	10,101,627	5,612,683	5,871,714	-	-
2	Assam	161,342	273,162	-	-	-	-	1,501,478	1,734,349	1,422,845	1,422,867	-	-
3	Bihar	771,543	1,422,240	-	-	863,048	1,454,923	7,488,867	8,494,235	5,666,149	6,073,526	-	-
4	Chennai	1,562,454	1,626,652	-	-	-	-	2,177,600	2,320,577	1,388,857	1,410,620	-	-
5	Delhi	4,092,931	4,253,878	-	-	2,405,168	2,336,208	4,812,579	5,114,351	3,936,285	4,387,599	-	-
6	Gujarat	8,024,283	8,606,777	-	-	3,918,150	4,200,106	4,101,956	4,364,229	4,018,232	4,477,378	-	-
7	Haryana	2,210,718	2,351,449	-	-	1,575,309	1,614,431	1,259,521	1,288,688	1,771,187	1,937,692	-	-
8	H.P.	44,508	70,877	-	-	141,819	159,508	961,565	1,031,947	1,006,818	1,054,953	-	-
9	J & K	1,391	109,943	-	-	-	-	1,633,719	1,814,674	64,360	176,701	-	-
10	Karnataka	3,695,522	4,071,322	-	-	1,650,609	1,765,742	10,001,037	10,552,659	3,991,745	4,451,640	-	-
11	Kerala	3,127,106	3,474,920	-	-	4,371,750	4,728,033	2,294,896	2,620,335	2,683,163	2,828,253	-	-
12	Kolkata	2,811,441	3,035,964	-	-	-	-	2,485,001	2,542,882	2,718,026	3,029,185	-	-
13	M.P.	356,513	613,735	-	-	5,019,627	5,600,628	4,620,901	5,166,595	6,166,419	6,718,581	-	-
14	Maharashtra	4,666,959	5,363,034	-	-	7,477,604	8,000,687	6,001,373	6,096,530	4,481,059	5,157,612	-	-
15	Mumbai	4,373,872	4,582,141	2,164,211	2,305,640	751,757	940,274	2,802,180	2,826,561	4,407,520	4,584,789	-	-
16	North East	163,099	273,793	-	-	-	-	920,268	1,025,180	465,707	468,526	-	-
17	Orissa	381,257	632,914	-	-	-	156,905	3,000,622	3,428,702	2,091,182	2,241,926	-	-
18	Punjab	2,227,692	2,348,146	-	-	2,482,733	2,554,320	3,783,941	3,921,741	1,704,381	1,862,543	388,285	384,203
19	Rajasthan	5,039,136	5,555,606	-	-	1,225,706	1,337,896	6,874,691	7,862,633	3,198,304	3,714,212	-	-
20	T.N.	5,223,302	5,702,130	-	-	-	64,526	6,213,021	6,811,054	4,039,856	4,216,390	-	-
21	U.P.(E)	6,604,921	7,459,534	-	-	2,001,056	2,318,149	5,909,614	6,679,810	5,010,740	5,640,790	-	-
22	U.P.(W)	4,405,718	4,801,976	-	-	4,093,412	4,392,897	2,371,852	2,526,960	3,789,879	4,467,274	-	-
23	W.B.	4,866,592	5,403,377	-	-	-	-	3,620,386	4,041,562	3,030,795	3,421,529	-	-
	Total	68,768,998	76,449,598	2,164,211	2,305,640	43,022,799	47,088,898	93,923,248	102,367,881	72,666,192	79,616,300	388,285	384,203

Annexure 1: Wireless Subscriber Base (contd.)

Sl.	Service area	GROUP										Service area wise Total		
		Sistema Shyam Teleservices Ltd		Tata Teleservices		Aircel		MTNL		BSNL		Mar'09	Jun-09	Net additions
		Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09			
1	A.P.	-	-	3,239,349	3,336,765	33,258	194,176	-	-	3,431,448	3,714,654	30,404,667	33,098,629	2,693,962
2	Assam	-	-	47,254	63,041	1,704,933	1,897,990	-	-	973,106	1,005,079	5,810,958	6,396,488	585,530
3	Bihar	-	-	1,756,159	1,939,169	1,402,825	1,658,696	-	-	3,029,601	3,125,544	20,978,192	24,168,333	3,190,141
4	Chennai	-	51,494	439,968	433,548	2,534,480	2,650,046	-	-	1,125,970	1,158,894	9,229,329	9,651,831	422,502
5	Delhi	-	-	4,644,379	4,913,995	28,798	326,658	2,059,933	2,112,006	-	-	21,980,073	23,444,695	1,464,622
6	Gujarat	-	-	1,401,440	1,505,205	-	-	-	-	2,646,288	2,662,688	24,110,349	25,816,383	1,706,034
7	Haryana	-	-	1,344,957	1,417,525	-	-	-	-	1,720,975	1,942,591	9,882,667	10,552,376	669,709
8	H.P.	-	-	135,898	141,931	138,567	162,548	-	-	911,206	981,872	3,340,381	3,603,636	263,255
9	J & K	-	-	41,550	70,005	832,281	950,455	-	-	930,683	945,643	3,503,984	4,067,421	563,437
10	Karnataka	-	-	1,408,468	1,439,535	52,831	194,122	-	-	2,743,511	2,977,518	23,543,723	25,452,538	1,908,815
11	Kerala	-	46,686	781,579	795,846	51,251	187,483	-	-	3,090,388	3,294,945	16,400,133	17,976,501	1,576,368
12	Kolkata	-	49,942	1,536,553	1,571,290	518,095	585,580	-	-	1,573,896	1,624,823	11,643,012	12,439,666	796,654
13	M.P.	-	-	1,300,904	1,416,380	-	-	-	-	3,134,646	3,141,374	20,599,010	22,657,293	2,058,283
14	Maharashtra	-	-	4,646,752	4,928,774	-	356	-	-	4,071,576	3,974,525	31,345,323	33,521,518	2,176,195
15	Mumbai	-	-	2,311,283	2,506,546	-	195,019	2,422,579	2,493,846	-	-	19,233,402	20,434,816	1,201,414
16	North East	-	-	17,288	32,246	1,014,150	1,188,067	-	-	769,289	848,681	3,349,801	3,836,493	486,692
17	Orissa	-	-	678,844	714,975	926,304	1,034,508	-	-	1,609,081	1,786,037	8,687,290	9,995,967	1,308,677
18	Punjab	-	-	1,398,250	1,491,951	-	-	-	-	2,896,302	2,996,273	14,881,584	15,559,177	677,593
19	Rajasthan	599,801	890,286	2,578,463	2,693,459	-	-	-	-	3,240,641	3,216,472	22,756,742	25,270,564	2,513,822
20	T.N.	-	122,248	730,114	710,334	8,081,288	8,953,682	-	-	3,490,931	3,768,725	27,778,512	30,349,089	2,570,577
21	U.P.(E)	-	-	1,527,340	1,610,213	2,371	126,151	-	-	6,093,491	6,361,985	27,149,533	30,196,632	3,047,099
22	U.P.(W)	-	-	2,182,877	2,342,834	218	132,879	-	-	2,650,063	2,782,080	19,494,019	21,446,900	1,952,881
23	W.B.	-	28,447	972,295	1,045,961	1,156,675	1,360,315	-	-	2,011,142	2,054,099	15,657,885	17,355,290	1,697,405
	Total	599,801	1,189,103	35,121,964	37,121,528	18,478,325	21,798,731	4,482,512	4,605,852	52,144,234	54,364,502	391,760,569	427,292,236	35,531,667

Annexure 2: Wireline Subscriber Base

Sl. No	Service Area	Bharti Airtel Ltd.		Reliance Communications		HFCL infotel		Sistema Shyam Teleservices Ltd		Tata Teleservices		MTNL		BSNL		BSNL		Service area wise Total		
		Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Mar'09	Jun-09	Net Additions
1	A.P.	103,463	109,321	85,891	85,808					132,304	133,678			2,226,078	2,164,250	2,547,736	2,493,057	(54,679)		
2	Assam									8	53			351,022	343,880	351,030	343,933	(7,097)		
3	Bihar			2,226	2,373					2,774	3,622			1,379,844	1,376,881	1,384,844	1,382,876	(1,968)		
4	Chennai	276,828	280,860	85,937	90,052					29,834	30,726			1,011,580	1,008,870	1,404,179	1,410,508	6,329		
5	Delhi	821,061	863,365	147,077	156,013					27,190	27,189	1,525,981	1,530,853			2,521,309	2,577,420	56,111		
6	Gujarat	35,394	40,000	107,586	109,727					42,918	44,471			1,928,277	1,879,967	2,114,175	2,074,165	(40,010)		
7	Haryana	21,359	21,635	8,683	6,637					5,348	5,555			839,816	815,532	875,206	849,359	(25,847)		
8	H.P.			3,384	3,197					647	768			375,823	366,959	379,854	370,924	(8,930)		
9	J & K			1	1						3			239,795	233,520	239,796	233,524	(6,272)		
10	Karnataka	419,307	434,310	100,556	101,175					89,560	86,413			2,173,393	2,133,147	2,782,816	2,755,045	(27,771)		
11	Kerala	50,774	51,020	55,525	55,091					6,443	7,141			3,463,628	3,440,513	3,576,370	3,553,765	(22,605)		
12	Kolkata	60,914	65,106	86,861	90,042					15,738	16,687			1,374,422	1,360,307	1,537,935	1,532,142	(5,793)		
13	M.P.	300,772	301,650	32,667	32,418					2,244	2,422			1,340,195	1,303,000	1,675,878	1,639,490	(36,388)		
14	Maharashtra	52,688	55,464	72,886	74,785					129,365	138,026			3,015,349	2,916,406	3,270,288	3,184,681	(85,607)		
15	Mumbai	264,901	279,527	161,570	167,542					407,705	428,116	2,047,225	2,019,254			2,881,401	2,894,439	13,038		
16	North East										14			335,420	334,633	335,420	334,647	(773)		
17	Orissa			2,861	2,925					2,810	3,036			641,789	623,119	647,460	629,080	(18,380)		
18	Punjab	87,210	89,525	46,025	44,093	162,217	163,821			8,299	8,796			1,344,911	1,321,138	1,648,662	1,627,373	(21,289)		
19	Rajasthan	33,171	33,841	20,622	21,279			129,274	111,041	1,857	1,968			1,480,889	1,453,659	1,665,813	1,621,788	(44,025)		
20	T.N.	137,895	139,671	36,878	36,784					3,973	4,175			2,081,254	2,043,678	2,260,000	2,224,308	(35,692)		
21	U.P.(E)	38,100	22,570	36,100	35,614					5,808	5,993			1,445,029	1,390,441	1,525,037	1,454,618	(70,419)		
22	U.P.(W)	22,403	40,017	10,318	9,956					2,935	2,482			1,250,020	1,284,116	1,285,676	1,336,571	50,895		
23	W.B.			4,910	4,759					920	1,429			1,047,897	1,000,679	1,053,727	1,006,867	(46,860)		
	Operator-wise Total	2,726,240	2,827,882	1,108,564	1,130,271	162,217	163,821	129,274	111,041	918,680	952,763	3,573,206	3,550,107	29,346,431	28,794,695	37,964,612	37,530,580	(434,032)		

Annexure 3: List of Internet Service Providers Providing Internet Telephony Services

S. No.	Name of ISP
1	Apna Telelink Ltd.
2	Asianet Satellite Communications Ltd.
3	Blazenet Ltd.*
4	Broadband Pacenet (I) Pvt. Ltd.
5	City Online Services Ltd.
6	CJ Online Pvt. Ltd.
7	Data Infosys Ltd.
8	DeDSL Internet Pvt. Ltd.
9	Digital2Virtual ISP Pvt. Ltd.
10	Dishnet Wireless Ltd.*
11	Karuturi Telecom Pvt Ltd(Estel Communications Pvt. Ltd.)
12	Mahanagar Telephone Nigam Ltd.
13	Manipal Ecommerce Ltd.*
14	My Own Infotech Pvt. Ltd.*
15	VIVA Communications Pvt Ltd (Mylai Karpagambal Information Systems (P) Ltd.)
16	NetMagic Solutions (P) Ltd.
17	Nettlinx Ltd.
18	Opto Network Pvt. Ltd.
19	Narmada Cyberzone Pvt Ltd
20	Pulse Telesystems Pvt. Ltd.
21	Sify Ltd.
22	Southern Online Bio Technologies Ltd.
23	Swiftmail Communications Ltd
24	Swastik Netvision Telecom P. Ltd.*
25	Trak Online Net India Pvt.Ltd.
26	Trikon Electronics Pvt. Ltd.
27	Tata Communications Ltd (Videsh Sanchar Nigam Ltd.)
28	Tata Communications Internet Services Ltd
29	YOU Telecom India Pvt. Ltd.
30	World Phone Internet Services Pvt Ltd*
31	Cordia L T Communications Private Ltd.*
32	IOL Netcom Ltd*
33	Tata Teleservices (Maharashtra) limited
34	IKF Technologies Ltd

* ISP has not submitted report for the quarter ending June 2009.

Annexure 4: Subscriber Base for Internet Service Providers

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
1	Bharat Sanchar Nigam Ltd.	A	All India	7256701	7600402	4.74
2	Mahanagar Telephone Nigam Ltd.	B	Delhi & Mumbai	2124228	2181663	2.70
3	Bharti Airtel Ltd.	A	All India	1084872	1145723	5.61
4	Reliance Communications Infrastructure Limited	A	All India	935373	1037710	10.94
5	Sify Technologies Ltd.	A	All India	405254	346757	-14.43
6	Hathway Cable & Datacom Pvt. Ltd.*	A	All India	339032	339032	
7	Tata Communications Internet Services Limited	A	All India	367900	324089	-11.91
8	Data Infosys Ltd.	A	All India	248032	250437	0.97
9	YOU Telecom India Pvt. Ltd.	A	All India	198451	199193	0.37
10	Asianet Satellite Communications Ltd.	B	Kerala	73382	76403	4.12
11	HFCL Infotel Ltd.	B	Punjab Telecom Circle	67894	71278	4.98
12	Tata Teleservices (Maharashtra) Ltd.	A	All India	55328	57835	4.53
13	Punj Lloyd	A	All India	40200	43529	8.28
14	HCL Infinet Ltd.	A	All India	42189	42151	-0.09
15	Beam Cable System Pvt. Ltd.	B	Andhra Pardesh	31423	33436	6.41
16	Shyam Internet Services Ltd	B	Rajasthan	32691	32749	0.18
17	Ortel Communication Ltd.	A	All India	26964	29537	9.54

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
18	Broadband Pacenet (I) Pvt. Ltd	A	Mumbai	12470	22167	77.76
19	Alliance Broadband Services Pvt. Ltd.	B	Kolkata	17661	21530	21.91
20	Vodafone Essar Gujarat Ltd.*	B	Gujarat	18001	18001	
21	Ankhnet Informations Pvt. Ltd	B	Mumbai	364	17049	4583.79
22	Syscon Infoway Pvt Ltd	B	Mumbai	14161	15263	7.78
23	Indusind Media & Communications Limited	A	All India	11571	12375	6.95
24	Hughes Communications India Ltd.	A	All India	8950	10701	19.56
25	IOL Netcom Limited*	B	Mumbai	9973	9973	
26	West Bengal Electronics Industry Development Corp. Ltd.*	B	Kolkata, WB	7365	7365	
27	Southern Online Bio Technologies Ltd.	B	Andhra Pradesh	6449	7307	13.30
28	Rajesh Multi Channel Pvt. Ltd.	B	Mumbai	6733	7023	4.31
29	Tata Communications Limited	A	All India	5527	6088	10.15
30	D-Vois Broadband Private Limited	A		6176	6024	-2.46
31	Trikon Electronics Pvt. Ltd.	B	Mumbai	4568	4653	1.86
32	Spacenet Internet Services Pvt Ltd	B	Delhi	4236	4522	6.75
33	Gujarat Telelink Pvt Ltd	B	Gujarat	3386	3885	14.74
34	Meghbela Cable & Broadband Service (P) Ltd	B	Kolkata	6965	3555	-48.96

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
35	Hathway Bhawani Cabletel & Datacom Pvt. Ltd.	B	Mumbai	3141	3518	12.00
36	Trak Online Net India Pvt.Ltd	A	All India	3467	3467	
37	HCL Comnet Systems & Services Ltd.	A	All India	3140	3145	0.16
38	DEN Networks Ltd	A	All India	1769	2731	54.38
39	Swiftmail Communications Ltd.	A	All India	3797	2645	-30.34
40	Bhupati Hotels Ltd	C	Delhi	2436	2469	1.35
41	Geocity Network Solutions Pvt. Ltd.	B	Delhi	1974	2214	12.16
42	Descon Ltd	B&B	Kolkata & West Bengal Telecom Circle	3249	2212	-31.92
43	Value Healthcare Ltd.	B	Mumbai	1777	1808	1.74
44	Cable Combine Communication Pvt. Ltd.	C	Siliguri SSA	1619	1697	4.82
45	Narmada Cyberzone Pvt Ltd	C	Gujarat	1475	1475	
46	Intermedia Cable Communication Pvt Ltd*	C	Pune/Nasik	1354	1354	
47	Star Broadband Services (I) Pvt Ltd	B	Delhi	1407	1347	-4.26
48	Quest Consultancy Pvt. Ltd.	C	Valsad SSA	868	1326	52.76
49	Dishnet Wireless Ltd*	A	All India	1278	1278	
50	Tikona Digital Networks Pvt Ltd	A	All India	0	1266	
51	Sanchar Telenetwork Pvt Ltd	C	Bhavnagar SSA	1051	1179	12.18

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
52	CJM Consultancy Services Pvt. Ltd.	B	Delhi	1379	1136	-17.62
53	ERNET India	A	All India	1070	1072	0.19
54	Tulip Telecom Limited	A	All India	952	1026	7.77
55	Space Online Ltd*	B	Gujarat	1023	1023	
56	Kaizen Infonet Pvt Ltd	C	Surat & Valsaad SSA	980	980	
57	Amber Online Services Ltd.	B	Andhra Pradesh	860	858	-0.23
58	Broadlane Networks Pvt. Ltd.*	C	Dombivli, Maharashtra	844	844	
59	Blazenet Ltd.*	B	Gujarat	834	834	
60	Rajesh Patel Net Services Pvt. Ltd.	C	Indore(MP)	815	815	
61	Wire & Wireless (I) Ltd.*	A	All India	802	802	
62	Digital2Virtual ISP Pvt. Ltd.	B	Gujarat	1024	794	-22.46
63	Honesty Net Solutions (I) Pvt Ltd*	B	Mumbai	781	781	
64	ISP Solutions India Pvt. Ltd.	C	Coimbatore SSA	760	767	0.92
65	North East Dataa Network Pvt Ltd	B	Karnataka	798	739	-7.39
66	Pioneer eLabs Ltd *	B	Andhra Pradesh	719	719	
67	F/X Wireless Technology Solutions Pvt Ltd	B	Mumbai	657	702	6.85
68	NetMagic Solutions(P) Ltd.	A	All India	602	641	6.48
69	Speed Online.net Pvt. Ltd.	C	Rajkot	576	610	5.90
70	Yashash Cable Network Pvt Ltd	C	Mysore SSA	592	607	2.53
71	Bhiwani Communications Pvt. Ltd.	C	Rohtak	549	578	5.28

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
72	Software Technology Park of India*(STPI)	A	All India	550	550	
73	S.S.Netcom Pvt Ltd	B	North East Circle	528	525	-0.57
74	Ice Network Private Limited*	B	Bangalore	460	460	
75	Limras Eronet Broadband Service Pvt Ltd*	A	Tamil Nadu	438	438	
76	Kelnet Communication Services Pvt.Ltd	C	Trivandrum	431	431	
77	Netcom Online Solutions India Pvt Ltd	B	Tamil Nadu	393	426	8.40
78	Sab Industires Ltd.	B,C	Punjab, Karnal, Ambala, Hisar	463	402	-13.17
79	Bohra Pratisthan Pvt. Ltd	C	Udaipur SSA	326	298	-8.59
80	delDSL Internet Pvt Ltd	B & C	Delhi & Gurgaon	284	280	-1.41
81	Micky Online Pvt Ltd*	C	Moradabad	280	280	
82	Gomti Cable Network Pvt. Ltd.	C	Lucknow SSA	337	273	-18.99
83	RS Broadband Service India Pvt Ltd*	B	Tamil Nadu SSA	266	266	
84	Multinet (Udaipur) Pvt. Ltd.	C	Udaipur SSA	260	261	0.38
85	Pacific Internet India Pvt. Ltd.	A	All India	256	239	-6.64
86	Rida Communication Pvt. Ltd.	C	Aligarh SSA	246	235	-4.47
87	Khetan Cable Network (P) Ltd	C	Indore SSA	253	215	-15.02
88	Atria Convergence Technologies Pvt. Ltd.*	B	Karnataka	202	202	

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
89	Vainavi Industries Ltd*	B	Andhra Pradesh	200	200	
90	Rainbow Communications (India) Pvt Ltd*	C	Salem SSA	197	197	
91	City Online Services Ltd	B	Andhra Pradesh & Karnataka	164	190	15.85
92	Aeroway Networks Pvt Ltd	C	Mysore SSA	183	188	2.73
93	World Phone Internet Services Pvt Ltd*	A	All India	165	165	
94	Primenet Global Ltd.	A	All India	159	161	1.26
95	Sanyog Networks Pvt Ltd	C	Tripura SSA	149	161	8.05
96	Quick Online Pvt. Ltd.*	C	Ghaziabad SSA	160	160	
97	Eastern Teleservices Pvt Ltd	C	Jamshedpur SSA	156	160	2.56
98	Nettlinx Ltd.	B	Andhra Pradesh	173	158	-8.67
99	Dreamzcraft Info Solutions Pvt Ltd*	C	Dehradun SSA	158	158	
100	Verizon Communications India Pvt. Ltd.	A	All India	155	154	-0.65
101	Adya Tech One Services Pvt Ltd*	C	Ghaziabad SSA	131	131	
102	Mynet Services India Pvt. Ltd.	C	Tamil Nadu SSA	100	130	30.00
103	Readylink Internet Services Pvt Ltd	B	Coimbatore SSA & Erode SSA	111	115	3.60
104	Karuturi Telecom Private Limited	A	All India	104	110	5.77
105	BT Global Communications India Pvt. Ltd	A	All India	104	104	

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
106	Nihar Internet Services (P) Ltd	C	Ghaziabad-SSA	156	99	-36.54
107	Oasis Cable Pvt Ltd*	C	Haridwar SSA	93	93	
108	Shri Vinayagaa Internet Pvt Ltd	C	Madurai SSA	90	90	
109	Tarang Communications Pvt. Ltd.*	C	Guwahati SSA	83	83	
110	Eronet Broadband Service India Pvt. Ltd.*	C	Erode	80	80	
111	Reach Network India Pvt. Ltd.	A	All India	77	76	-1.30
112	iCAN Solutions Private Limited*	B	Mumbai	75	75	
113	ISP Services (India) Pvt. Ltd.	C	Trichy	79	72	-8.86
114	Guj Info Petro Ltd. (GIPL)	A	Gujarat	77	70	-9.09
115	Harisree Cable Net Pvt. Ltd.	C	Kanpur SSA	59	57	-3.39
116	Essel Shyam Communications Limited	A	All India	47	55	17.02
117	Bharti Broadband Ltd*	A	ALL INDIA	54	54	
118	Konark Infocomm Pvt Ltd	C	Ghaziabad SSA	42	42	
119	VIVA Communications Pvt Ltd(Mylai Karpagambal Information Systems (P) Ltd).	A	Chennai	60	39	-35.00
120	STN Communication & Advertising Pvt Ltd.	C	Guwahati	47	36	-23.40
121	Ishan Netsol Pvt Ltd*	B	Gujarat	31	31	
122	Conjoinix Technologies Pvt Ltd*	C	J&K, Chandigarh	27	27	

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
123	Kerala State Electronics Development Corp Ltd*.	C	Thiruvananthapuram	23	23	
124	Online Media Solutions Ltd*	B	Andhra Pradesh	22	22	
125	CJ Online Pvt. Ltd.	C	Ghaziabad	23	21	-8.70
126	Global One India Pvt Ltd	A	All India	21	21	
127	United Villages Networks Pvt Ltd*	C	Bhuvaneshwar	21	21	
128	Chemical And Metallurgical Design Co. Ltd	B	Delhi	22	17	-22.73
129	Vishwashakti Technologies Pvt Ltd*	B	Hyderabad	16	16	
130	Nextgen Communications Ltd	A	All India	53	14	-73.58
131	Nelco Ltd.	A	All India	14	14	
132	Centre for Development of Advanced Computing, C-DAC	C	Ghaziabad SSA	13	13	
133	Power Grid Corporation of India Ltd.	A	All India	13	13	
134	Fast Lynx Internet Service Pvt Ltd	C	Ludhiana	8	13	62.50
135	Virtela India Pvt. Ltd.	B&C	Mumbai, Bangalore, Gurgaon	12	12	
136	Astro Network India Pvt. Ltd.*	A		9	9	
137	Godrej Infotech Ltd.*	B	Mumbai	9	9	
138	IKF Technologies Ltd	A	All India	421	7	-98.34
139	Pulse Telesystems Pvt. Ltd.	B & C	Chennai & Pondicherry	9	7	-22.22

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
140	Maple PC & Peripherals Pvt Ltd	C	Jamshedpur SSA	9	6	-33.33
141	My Own Infotech Pvt. Ltd*	C	Surat SSA	5	5	
142	Opto Network Pvt. Ltd.	A	All India	3	4	33.33
143	Pan India Network Infravest Pvt. Ltd.	B	Mumbai, Navi Mumbai	4	3	-25.00
144	National Stock Exchange of India Ltd	A	ALL INDIA	3	3	
145	ABT Ltd.*	C	Coimbatore SSA	3	3	
146	Manipal Ecommerce Ltd.*	B	Karnataka	3	3	
147	Tata Internet Services Ltd.	A	All India	2	2	
148	Compucom (I) Pvt. Ltd.	C	Jaipur	2	2	
149	Phonic Net Pvt Ltd	B	Mumbai	2	2	
150	GTL Ltd.	A	All India	2	1	-50.00
151	L&T Finance Ltd*	A	All India	1	1	
152	Karuturi Global Ltd *	B	Karnataka	1	1	
153	Advanced Financial Services Pvt Ltd	B	Hyderabad	1	1	
154	AT & T Global Network Services India Private Limited	A	All India	0	1	
155	Infotel Broadband Services Pvt Ltd	A	All India	0	1	
156	Apna Telelink Ltd.	C	Jalandhar	520	0	-100.00
157	iPath India Pvt. Ltd.	C	Ernakulam SSA	186	0	-100.00
158	Reliance Wimax Limited	A	All India	5	0	-100.00

S. No.	Name of ISP	Category	Geographical Area of Operation	Mar'09 Total	Jun'09 Total	% change
159	Spectrum Softech Solutions Pvt. Ltd.	C	Ernakulam SSA	0	0	
160	Tatanet Services Ltd	A	All India	0	0	
	TOTAL			13536069	14050657	3.80

* ISPs have not submitted the PMR for the QE June 2009.

Annexure 5: Service Area wise PMRTS subscriber Base

Sr. No.	Operative Area	Service Providers	Subscriber Base		Rate of change
			31.03.09	30.06.09	
1	Delhi	Container Movement	6	1	-83.3%
		German Express	336	334	-0.6%
		United Liner Agencies	426	299	-29.8%
		Procall	5,308	5,613	5.7%
		Arvind Mills Ltd.	811	801	-1.2%
		Total	6,887	7,048	2.3%
2	Mumbai	Arya Offshore Services	580	563	-2.9%
		German Express	399	415	4.0%
		Arvind Mills Ltd.	1,719	1,736	1.0%
		Smartalk	750	693	-7.6%
		Bhilwara Telenet	1,464	1,514	3.4%
		Total	4,912	4,921	0.2%
3	Kolkatta	United Liner	1,402	1,393	-0.6%
		Total	1,402	1,393	-0.6%
4	Chennai	Arya Offshore Services	526	442	-16.0%
		Arvind Mills	2,452	2,386	-2.7%
		Quick Calls	1,230	1,241	0.9%
		Total	4,208	4,069	-3.3%
5	Bangalore	Arvind Mills	3,815	3,450	-9.6%
		Quick Calls	747	390	-47.8%
		India Satcom	110	87	-20.9%
		Total	4,672	3,927	-15.9%
6	Vishakhapatnam	Arya Transport	1,901	1,802	-5.2%
		Total	1,901	1,802	-5.2%
7	Indore	Jet Aiu Skyline	479	513	7.1%
		Total	479	513	7.1%
8	Jaipur	Procall	341	432	26.7%
		Total	341	432	26.7%
9	Gurgaon	Procall	1,098	1,174	6.9%
		Total	1,098	1,174	6.9%
10	Faridabad	Procall	189	198	4.8%
		Arvind Mills	1	1	0.0%
		Total	190	199	4.7%
11	Vashi	Arvind Mills	232	232	0.0%
		Smartalk	764	707	-7.5%
		Total	996	939	-5.7%
12	Ahmedabad	Arvind Mills	438	443	1.1%
		Total	438	443	1.1%

Sr. No.	Operative Area	Service Providers	Subscriber Base		Rate of change
			31.03.09	30.06.09	
13	Baroda	Arvind Mills	590	668	13.2%
		Total	590	668	13.2%
14	Surat	Arvind Mills	1,062	1,031	-2.9%
		Total	1,062	1,031	-2.9%
15	Bharuch	Arvind Mills	102	114	11.8%
		Total	102	114	11.8%
16	Pune	Smartalk	997	1,049	5.2%
		Total	997	1,049	5.2%
17	Hyderabad	Quick Calls	1,328	1,229	-7.5%
		Total	1,328	1,229	-7.5%
		Grand Total	31,603	30,951	-2.1%

Annexure 6: Performance of QoS Parameters for Cellular Mobile Services

Sl. No.	Name of Licensees & Service area	Parameters														
		(A) Network Performance							(B) Customer help lines				(C) Billing Complaints			
		(i)	(ii)	(iii)	(iv)		(v)	(vii)	(i)				(i)	(ii)	(iii)	
		Accumulated down time of community isolation	Call Set-up Success Rate (within licensees own network)	Service Access Delay	Blocked Call Rate (Averaged over the quarter)	%age of cells having more than 3% Call (TCH) Drop	Call Drop Rate	%age of connections with good voice quality	Response time to the customer for assistance				Complaints per 100 bills issued	% of complaints resolved within 4 weeks	Period of all refunds/ payment due to customers from the date of resolution of complaints as in (ii)	
Benchmarks																
<24 hrs	>95%	Between 9 to 20 seconds depending upon number of paging attempts (Average of 100 calls = <15 sec)	SDCCH / Paging Channel Congestion <1%	TCH Congestion <2%	≤5%	<3%	>95%	(I) %age of calls answered (electronically) within 20 seconds = 80%,	(I) %age of calls answered (electronically) within 40 seconds = 95%	(I) %age of calls answered by operator (voice to voice); within 60 seconds= 80%,	(I) %age of calls answered by operator (voice to voice); within 90 seconds = 95%,	<0.1%	100%	<4 weeks		
I	Maharashtra															
1	Vodafone Essar	1.14	97.37%	13.10	0.38%	1.83%	1.90%	0.86%	97.23%	100.00%	100.00%	99.00%	100.00%	0.09%	100.00%	15 days
2	IDEA Cellular	13.12	98.30%	14.10	0.80%	1.32%	11.09%	1.21%	97.66%	100.00%	100.00%	99.00%	99.00%	0.04%	100.00%	30 days
3	BSNL	Nil	99.00%	9.00	0.98%	1.96%	12.40%	2.06%	96.00%	100.00%	100.00%	85.00%	96.00%	0.00%	100.00%	21 days
4	Bharti Airtel Limited	22.49	96.80%	9.00	0.83%	1.30%	13.89%	0.96%	98.67%	100.00%	NA	94.18%	97.38%	0.00%	100.00%	30 days
5	Reliance Comm	0.88	98.11%	11.72	0.00%	0.48%	1.85%	0.58%	98.54%	99.00%	99.00%	66.71%	68.40%	0.09%	100.00%	30 days
6	Tata Teleservices	5.12	99.23%	10.00	0.00%	0.93%	0.87%	0.77%	96.93%	100.00%	100.00%	92.99%	96.23%	0.06%	100.00%	30 days

ii	Gujarat																
7	Vodafone Essar	21.35	99.33%	14.28	0.17%	0.29%	0.59%	0.64%	98.20%	100.00%	100.00%	99.00%	100.00%	0.06%	100.00%	15 days	
8	IDEA Cellular	2.40	99.49%	12.93	0.23%	0.16%	8.51%	1.16%	97.04%	100.00%	100.00%	99.00%	99.00%	0.08%	100.00%	30 days	
9	BSNL	Nil	100.00%	2.00	0.43%	1.57%	19.91%	1.69%	96.00%	100.00%	100.00%	86.00%	95.00%	0.03%	100.00%	NIL	
10	Bharti Airtel Limited	16.88	96.78%	11.01	0.13%	0.23%	10.11%	1.28%	98.75%	100.00%	NA	91.35%	97.12%	0.02%	100.00%	30 days	
11	Reliance Comm	0.46	99.09%	11.96	0.00%	0.09%	1.40%	0.45%	99.63%	99.00%	99.00%	71.29%	78.56%	0.07%	100.00%	30 days	
12	Tata Teleservices	Nil	99.51%	3.43	0.00%	0.00%	0.74%	0.45%	99.23%	100.00%	100.00%	95.00%	98.00%	0.07%	100.00%	7 days	
iii	Andhra Pradesh																
13	IDEA Cellular	3.09	99.66%	8.00	0.39%	0.79%	4.95%	0.79%	96.90%	80.00%	100.00%	98.00%	99.00%	0.11%	100.00%	30 days	
14	Bharti Airtel Limited	14.35	95.17%	13.49	1.13%	2.17%	12.65%	1.63%	98.47%	100.00%	NA	89.70%	95.76%	0.00%	100.00%	30 days	
15	BSNL	19.00	98.00%	7.00	0.31%	1.48%	8.89%	1.66%	98.00%	100.00%	100.00%	92.00%	96.00%	0.00%	100.00%	1 day	
16	Vodafone Essar	7.10	98.53%	9.00	0.13%	0.24%	5.15%	0.75%	98.00%	100.00%	100.00%	91.00%	99.00%	0.08%	100.00%	15 days	
17	Reliance Comm	0.44	98.73%	9.47	0.00%	0.15%	0.40%	0.48%	99.17%	99.00%	99.00%	83.30%	83.94%	0.09%	100.00%	30 days	
18	Tata Teleservices	Nil	98.73%	5.87	0.00%	0.09%	0.44%	0.41%	96.90%	100.00%	100.00%	90.00%	95.00%	0.03%	100.00%	7 days	
19	Aircel	Nil	98.73%	8.62	0.14%	0.05%	28.67%	0.36%	98.44%	100.00%	100.00%	67.87%	70.45%	3.00%	97.00%	30 days	
iv	Karnataka																
20	Bharti Airtel Limited	21.32	92.64%	2.97	2.47%	3.55%	16.70%	2.12%	93.19%	100.00%	NA	90.98%	95.33%	0.08%	100.00%	30 days	
21	Spice Comm.	22.30	98.14%	8.25	0.09%	0.66%	3.83%	1.20%	97.40%	100.00%	100.00%	89.00%	95.00%	0.08%	100.00%	30 days	
22	BSNL	13.00	97.00%	14.00	0.51%	1.43%	1.89%	1.17%	98.00%	100.00%	100.00%	93.00%	97.00%	0.07%	100.00%	NIL	
23	Vodafone Essar	20.90	99.84%	10.08	0.15%	0.54%	5.68%	0.73%	98.34%	100.00%	100.00%	92.00%	96.33%	0.06%	100.00%	15 days	
24	Reliance Comm	1.43	98.87%	8.95	0.00%	0.13%	0.36%	0.40%	99.84%	99.00%	99.00%	76.86%	83.35%	0.09%	100.00%	30 days	
25	Aircel	Nil	98.52%	8.67	0.16%	0.21%	28.17%	0.38%	98.08%	100.00%	100.00%	77.99%	80.45%	3.00%	100.00%	30 days	
26	Tata Teleservices	0.46	98.83%	3.48	0.00%	0.04%	0.57%	0.25%	99.83%	100.00%	100.00%	88.00%	93.00%	0.02%	100.00%	7 days	
v	Tamil Nadu																
27	Vodafone Essar	23.06	98.95%	14.56	0.40%	0.86%	3.07%	0.94%	98.50%	100.00%	100.00%	96.66%	100.00%	0.04%	100.00%	15 days	
28	Aircel	6.06	97.84%	11.15	0.73%	1.89%	6.88%	1.32%	97.29%	100.00%	100.00%	82.00%	86.59%	0.01%	100.00%	30 days	
29	BSNL	Nil	98.00%	10.00	0.33%	1.38%	4.30%	1.03%	99.00%	100.00%	100.00%	92.00%	95.00%	0.00%	100.00%	NIL	
30	Bharti Airtel Limited	11.50	97.23%	13.10	0.56%	0.61%	9.96%	1.08%	96.62%	100.00%	NA	82.07%	92.99%	0.00%	100.00%	30 days	

31	Reliance Comm	0.44	99.17%	11.74	0.00%	0.09%	0.34%	0.49%	97.72%	99.00%	99.00%	80.78%	85.68%	0.09%	100.00%	30 days
32	Tata Teleservices	Nil	99.79%	5.36	0.00%	0.16%	0.49%	0.86%	99.41%	100.00%	100.00%	94.00%	96.00%	0.03%	100.00%	7 days
	B' Circle															
vi	Kerala															
33	IDEA Cellular	8.27	99.68%	12.18	0.19%	0.44%	4.95%	1.11%	96.61%	100.00%	100.00%	83.00%	95.00%	0.07%	100.00%	30 days
34	Vodafone Essar	15.00	99.00%	14.11	0.24%	0.49%	1.98%	0.85%	97.10%	100.00%	100.00%	96.66%	100.00%	0.06%	100.00%	15 days
35	BSNL	369.00	97.00%	4.00	0.25%	1.60%	1.40%	1.50%	95.00%	100.00%	100.00%	97.00%	98.00%	0.00%	100.00%	30 days
36	Bharti Airtel Limited	23.83	98.59%	11.71	0.27%	0.18%	12.17%	1.05%	98.30%	100.00%	NA	76.22%	86.82%	0.03%	100.00%	30 days
37	Tata Teleservices	Nil	99.43%	5.17	0.00%	0.00%	0.90%	0.76%	99.40%	100.00%	100.00%	92.00%	90.00%	0.03%	100.00%	7 days
38	Reliance Comm	Nil	99.21%	12.05	0.00%	0.07%	0.42%	0.61%	99.36%	99.00%	99.00%	80.82%	87.54%	0.09%	100.00%	30 days
39	Dishnet	Nil	98.22%	6.11	0.07%	0.24%	28.74%	0.74%	97.68%	100.00%	100.00%	94.60%	94.60%	NA	NA	NA
vii	Punjab															
40	Spice Comm.	21.47	98.97%	11.69	0.10%	0.88%	6.11%	0.93%	98.22%	100.00%	100.00%	69.00%	90.00%	0.07%	100.00%	30 days
41	HFCL - CDMA	6.40	99.24%	12.90	NA	0.01%		0.66%	96.33%	100.00%	100.00%	99.33%	100.00%	0.02%	NR	30 days
42	Bharti Airtel Limited	14.69	98.28%	5.77	0.25%	0.23%	7.38%	1.17%	97.60%	100.00%	NA	84.04%	92.35%	0.01%	100.00%	30 days
43	Vodafone Essar	21.00	99.56%	10.00	0.05%	0.10%	4.86%	0.92%	98.47%	100.00%	100.00%	96.00%	99.66%	0.02%	100.00%	15 days
44	BSNL	7.00	98.00%	5.00	0.65%	1.48%	32.04%	1.04%	98.00%	83.00%	98.00%	83.00%	98.00%	0.00%	100.00%	NIL
45	Reliance Comm	0.78	98.61%	11.73	0.00%	0.23%	0.20%	0.42%	98.18%	99.00%	99.00%	74.02%	74.16%	0.09%	100.00%	30 days
46	Tata Teleservices	Nil	99.45%	4.13	0.00%	0.00%	0.82%	0.55%	99.42%	100.00%	100.00%	93.00%	96.00%	0.02%	100.00%	7 days
viii	Haryana															
47	IDEA Cellular	19.30	99.95%	11.06	0.18%	0.33%	7.61%	0.91%	96.98%	100.00%	100.00%	93.00%	97.00%	0.06%	100.00%	30 days
48	Vodafone Essar	7.30	99.96%	13.63	0.13%	0.09%	4.69%	0.83%	97.62%	100.00%	100.00%	98.66%	99.33%	0.02%	100.00%	15 days
49	BSNL	4.00	96.00%	7.00	0.90%	1.90%	10.39%	2.80%	95.00%	100.00%	100.00%	80.00%	95.00%	0.01%	100.00%	30 days
50	Bharti Airtel Limited	14.60	98.56%	5.57	0.24%	0.26%	4.01%	0.92%	98.45%	100.00%	NA	79.81%	83.69%	0.00%	100.00%	30 days
51	Reliance Comm	0.90	98.10%	12.48	0.00%	0.55%	1.92%	0.73%	98.29%	99.00%	99.00%	62.75%	62.93%	0.09%	100.00%	30 days
52	Tata Teleservices	Nil	99.71%	4.33	0.00%	0.00%	0.90%	0.91%	98.73%	100.00%	100.00%	93.00%	96.00%	0.03%	100.00%	7 days
ix	UP - W															
53	Vodafone Essar	Nil	96.58%	9.00	0.94%	1.87%	6.40%	1.34%	95.97%	100.00%	100.00%	95.00%	96.66%	0.01%	100.00%	15 days

54	IDEA Cellular	23.21	99.93%	10.53	0.49%	1.45%	4.68%	1.20%	99.38%	100.00%	100.00%	88.00%	92.00%	0.06%	100.00%	30 days
55	BSNL	Nil	99.00%	15.00	0.77%	1.81%	7.25%	2.56%	99.00%	96.00%	99.00%	80.00%	95.00%	0.00%	100.00%	7 days
56	Bharti Airtel Limited	23.32	96.29%	9.10	0.94%	1.85%	8.03%	1.01%	96.56%	100.00%	NA	95.81%	98.04%	0.00%	100.00%	30 days
57	Reliance Comm	0.55	97.74%	11.77	0.00%	0.83%	1.05%	0.81%	99.44%	99.00%	99.00%	49.05%	50.19%	0.09%	100.00%	30 days
58	Tata Teleservices	Nil	99.68%	5.57	0.00%	0.00%	0.76%	0.68%	99.08%	100.00%	100.00%	93.00%	97.00%	0.03%	100.00%	7 days
59	Dishnet	Nil	98.51%	8.70	0.03%	0.27%	15.48%	1.26%	95.58%	100.00%	100.00%	40.89%	43.39%	NA	NA	NA
x	UP -E															
60	Bharti Airtel Limited	14.70	95.66%	14.23	0.98%	1.73%	16.99%	1.54%	96.17%	100.00%	NA	95.65%	98.51%	0.00%	100.00%	30 days
61	Vodafone Essar	Nil	96.90%	9.00	0.58%	1.53%	2.40%	NR	NR	100.00%	100.00%	96.66%	100.00%	0.00%	100.00%	15 days
62	IDEA Cellular	20.18	99.75%	9.00	0.18%	0.71%	5.95%	0.80%	97.08%	100.00%	100.00%	98.00%	99.00%	0.06%	100.00%	30 days
63	BSNL	1.00	97.00%	10.00	0.77%	1.51%	8.13%	2.40%	97.00%	83.00%	93.00%	82.00%	92.00%	0.04%	100.00%	30 days
64	Reliance Comm	0.58	97.30%	10.67	0.00%	0.67%	1.63%	0.86%	98.15%	99.00%	99.00%	55.51%	56.18%	0.09%	100.00%	30 days
65	Tata Teleservices	0.38	99.13%	4.72	0.00%	0.00%	0.64%	0.87%	99.64%	100.00%	100.00%	94.00%	97.00%	0.02%	100.00%	7 days
66	Dishnet	2.33	96.98%	9.71	0.43%	0.44%	8.20%	1.19%	95.28%	100.00%	100.00%	66.38%	70.57%	NA	NA	NA
xi	Rajasthan															
67	Vodafone Essar	21.29	99.29%	9.52	0.41%	0.16%	6.55%	0.89%	96.86%	100.00%	100.00%	97.00%	98.60%	0.09%	100.00%	15 days
68	BSNL	23.00	98.00%	9.00	0.26%	0.99%	13.75%	1.89%	98.00%	99.00%	99.00%	81.00%	95.00%	0.06%	100.00%	30 days
69	IDEA Cellular	22.30	99.65%	10.03	0.80%	0.22%	12.77%	1.00%	97.85%	100.00%	100.00%	86.00%	92.00%	0.09%	100.00%	30 days
70	Bharti Airtel Limited	20.00	95.32%	14.23	1.15%	1.77%	13.06%	1.51%	95.96%	100.00%	NA	85.92%	89.52%	0.00%	100.00%	30 days
71	Reliance Comm	0.70	98.71%	10.40	0.00%	0.27%	1.79%	0.75%	97.56%	99.00%	99.00%	59.86%	59.95%	0.09%	100.00%	30 days
72	Tata Teleservices	Nil	99.46%	3.15	0.00%	0.00%	0.57%	0.44%	99.28%	100.00%	100.00%	96.00%	99.00%	0.05%	100.00%	7 days
73	Sistema Shyam	6.39	97.55%	NR	NA	0.10%	1.70%	0.46%	99.72%	NA	NA	62.00%	NA	0.09%	100.00%	30 days
xii	Madhya Pradesh															
74	IDEA Cellular	22.55	97.28%	7.39	0.65%	1.60%	13.48%	1.57%	96.58%	100.00%	100.00%	83.00%	94.00%	0.03%	100.00%	30 days
75	Reliance Telecom	8.00	98.43%	7.15	0.19%	0.92%		1.79%	96.23%	100.00%	100.00%	93.36%	97.95%	NA	NA	NA
76	BSNL	3.00	97.00%	11.00	0.55%	1.77%	7.40%	1.60%	98.00%	100.00%	100.00%	83.00%	96.00%	0.00%	100.00%	21 days
77	Bharti Airtel Limited	21.25	97.61%	14.37	0.40%	0.51%	10.76%	1.08%	97.61%	100.00%	NA	81.03%	92.47%	0.00%	100.00%	30 days
78	Reliance	0.67	98.13%	12.86	0.00%	0.56%	1.92%	0.81%	98.25%	99.00%	99.00%	60.66%	60.86%	0.09%	100.00%	30 days

	Comm																
79	Tata Teleservices	Nil	98.98%	4.57	0.00%	0.00%	0.75%	0.84%	99.33%	100.00%	100.00%	97.00%	100.00%	0.05%	100.00%	7 days	
80	Vodafone Essar	3.00	96.00%	10.00	0.14%	1.50%	33.53%	3.28%	98.05%	98.00%	98.00%	94.60%	97.60%	0.00%	100.00%	15 days	
xiii	West Bengal																
81	Bharti Airtel Limited	12.42	95.65%	5.40	1.43%	1.36%	14.02%	1.47%	95.83%	100.00%	NA	69.53%	86.76%	0.02%	100.00%	30 days	
82	Reliance Telecom	19.30	98.52%	9.18	0.81%	1.60%	NR	1.55%	96.87%	100.00%	100.00%	27.32%	50.11%	NA	NA	NA	
83	BSNL	Nil	97.00%	10.00	0.90%	1.56%	13.09%	1.56%	96.00%	95.00%	96.00%	90.00%	96.00%	0.06%	100.00%	15 days	
84	Tata Teleservices	Nil	99.12%	4.81	0.00%	0.02%	0.73%	0.88%	98.30%	100.00%	100.00%	93.00%	97.00%	0.06%	100.00%	7 days	
85	Reliance Comm	0.54	96.98%	9.86	0.00%	1.01%	1.72%	1.17%	97.63%	99.00%	99.00%	56.81%	58.65%	0.08%	100.00%	30 days	
86	Vodafone Essar	Nil	97.47%	13.10	0.56%	1.12%	0.76%	1.07%	97.01%	100.00%	100.00%	71.33%	81.00%	0.00%	100.00%	15 days	
87	Dishnet	4.06	95.16%	11.45	1.05%	1.62%	18.02%	2.61%	94.04%	100.00%	100.00%	83.08%	91.97%	0.04%	100.00%	30 days	
88	Sistema Shyam	15.40	99.00%	13.00	0.12%	NR	NR	1.01%	98.20%	100.00%	100.00%	81.40%	96.30%	NA	NA	NA	
	C' Circle																
xiv	Himachal Pradesh																
89	Bharti Airtel Limited	22.04	97.72%	6.80	0.37%	0.56%	11.50%	1.33%	97.15%	100.00%	NA	89.85%	95.84%	0.00%	100.00%	30 days	
90	IDEA Cellular	Nil	99.56%	12.27	0.25%	0.20%	19.13%	1.57%	98.17%	100.00%	100.00%	88.00%	91.00%	0.00%	100.00%	30 days	
91	Reliance Telecom	22.00	98.50%	6.21	0.31%	1.39%	NR	0.87%	96.44%	100.00%	100.00%	56.55%	74.44%	NA	NA	NA	
92	BSNL	Nil	95.00%	5.00	0.50%	1.80%	20.00%	2.30%	95.00%	100.00%	100.00%	80.00%	95.00%	0.00%	100.00%	NA	
93	Reliance Comm	0.80	98.52%	10.49	0.00%	0.60%	1.54%	0.60%	98.18%	99.00%	99.00%	74.02%	74.16%	0.07%	100.00%	30 days	
94	Tata Teleservices	Nil	99.51%	2.88	0.00%	0.00%	1.61%	0.44%	99.79%	100.00%	100.00%	95.00%	97.00%	0.05%	100.00%	7 days	
95	Dishnet	Nil	97.67%	9.11	0.13%	0.28%	26.34%	1.61%	96.66%	100.00%	100.00%	97.75%	98.08%	NA	NA	NA	
96	Vodafone Essar	1.60	97.00%	5.80	0.00%	0.05%	3.42%	2.00%	98.00%	100.00%	100.00%	97.66%	100.00%	0.00%	100.00%	15 days	
xv	Bihar																
97	Reliance Telecom	20.00	98.30%	9.31	0.91%	1.17%	NR	2.25%	96.07%	100.00%	100.00%	91.98%	97.27%	NA	NA	NA	
98	BSNL	21.00	95.00%	11.00	0.60%	1.20%	6.50%	1.30%	96.00%	88.00%	98.00%	87.00%	97.00%	0.05%	100.00%	NIL	
99	Reliance Comm	0.60	96.11%	11.69	0.00%	1.12%	1.60%	1.01%	96.18%	99.00%	99.00%	64.50%	64.68%	0.08%	100.00%	30 days	
100	Bharti Airtel Limited	20.1	92.78%	13.50	2.78%	1.74%	17.63%	2.10%	96.07%	100.00%	NA	69.25%	73.65%	0.00%	100.00%	30 days	

101	Tata Teleservices	1.05	98.16%	5.45	0.00%	0.00%	0.00%	0.94%	98.82%	100.00%	100.00%	94.00%	98.00%	0.01%	100.00%	7 days
102	Dishnet	13.22	82.29%	8.07	7.11%	7.85%	20.48%	2.16%	94.50%	100.00%	100.00%	96.61%	97.08%	0.00%	100.00%	NA
103	IDEA Cellular	Nil	99.85%	5.02	0.93%	1.83%	9.51%	1.51%	95.47%	100.00%	100.00%	91.00%	95.00%	0.03%	100.00%	30 days
104	Vodafone Essar	10.50	96.76%	13.50	0.39%	1.14%	5.79%	1.68%	96.76%	100.00%	100.00%	52.66%	59.66%	0.01%	100.00%	15 days
xvi	Orissa															
105	Reliance Telecom	22.60	98.10%	6.88	0.67%	1.67%	NR	1.03%	96.02%	100.00%	100.00%	95.21%	99.07%	NA	NA	NA
106	BSNL	4.00	98.00%	11.00	0.82%	1.37%	13.34%	1.60%	98.00%	83.00%	97.00%	84.00%	97.00%	0.04%	100.00%	NIL
107	Bharti Airtel Limited	Nil	95.80%	9.40	0.57%	0.82%	15.34%	1.42%	98.89%	100.00%	NA	62.63%	69.73%	0.00%	100.00%	30 days
108	Reliance Comm	0.66	99.08%	12.74	0.14%	0.14%	1.61%	0.78%	98.71%	99.00%	99.00%	60.66%	60.86%	0.04%	100.00%	30 days
109	Tata Teleservices	Nil	99.28%	6.07	0.00%	0.12%	0.93%	0.79%	99.26%	100.00%	100.00%	94.00%	97.00%	0.01%	100.00%	7 days
110	Dishnet	Nil	96.95%	8.01	0.19%	1.48%	43.85%	1.46%	95.46%	100.00%	100.00%	98.26%	98.91%	0.04%	100.00%	30 days
111	Vodafone Essar	18.20	98.50%	12.00	0.06%	0.67%	3.72%	1.90%	96.31%	100.00%	100.00%	87.00%	95.00%	0.05%	100.00%	15 days
xvii	Assam															
112	Bharti Airtel Limited	Nil	95.39%	9.26	1.79%	2.42%	18.09%	2.22%	90.61%	100.00%	NA	46.95%	55.11%	0.00%	100.00%	30 days
113	BSNL	10.00	97.00%	11.00	0.90%	1.65%	23.51%	2.48%	96.00%	100.00%	100.00%	80.00%	96.00%	0.02%	100.00%	30 days
114	Reliance Telecom	21.10	98.23%	7.39	0.88%	1.67%	NR	1.66%	95.70%	100.00%	100.00%	96.17%	99.19%	NA	NA	NA
115	Dishnet	8.07	88.55%	9.20	3.97%	3.61%	35.49%	3.41%	90.11%	100.00%	100.00%	95.49%	97.22%	0.00%	100.00%	30 days
116	Vodafone Essar	21.29	95.90%	7.10	0.00%	0.01%	2.04%	1.95%	97.26%	98.30%	95.00%	90.60%	100.00%	0.07%	100.00%	15 days
117	Tata Teleservices	0.23	98.98%	3.63	0.00%	0.00%	1.74%	0.27%	98.46%	100.00%	100.00%	98.00%	100.00%	0.03%	100.00%	7 days
xviii	J & K															
118	BSNL	Nil	97.00%	13.00	0.09%	1.90%	19.00%	2.70%	98.00%	87.00%	97.00%	90.00%	96.00%	0.00%	100.00%	21 days
119	Bharti Airtel Limited	4.18	97.43%	5.60	0.35%	0.77%	11.84%	1.55%	94.71%	100.00%	NA	77.64%	85.96%	0.00%	100.00%	30 days
120	Dishnet	Nil	88.35%	9.17	5.49%	2.75%	37.98%	3.63%	93.08%	100.00%	100.00%	94.01%	95.70%	0.00%	100.00%	30 days
121	Tata Teleservices	Nil	99.15%	4.49	0.00%	0.07%	1.52%	0.86%	99.09%	100.00%	100.00%	95.00%	97.00%	0.23%	100.00%	7 days
122	Vodafone Essar	7.21	98.60%	10.00	0.00%	0.00%	4.10%	2.00%	97.00%	100.00%	100.00%	96.66%	98.00%	0.00%	100.00%	15 days
xix	NE															
123	BSNL	Nil	98.00%	15.00	0.89%	1.66%	19.37%	2.29%	98.00%	93.00%	97.00%	94.00%	96.00%	0.07%	100.00%	30 days
124	Bharti Airtel Limited	Nil	84.95%	9.55	7.27%	6.26%	27.08%	3.00%	85.03%	100.00%	NA	71.35%	79.63%	0.00%	100.00%	30 days

125	Reliance Telecom	16.00	97.50%	7.61	0.53%	1.39%	NR	1.91%	95.59%	100.00%	100.00%	98.90%	99.72%	NA	NA	NA
126	Dishnet	6.14	74.41%	8.36	13.37%	9.41%	43.85%	4.14%	91.87%	100.00%	100.00%	96.11%	97.32%	0.00%	100.00%	30 days
127	Vodafone Essar	37.20	96.03%	6.37	0.79%	1.95%	2.08%	1.93%	97.61%	100.00%	100.00%	95.60%	100.00%	0.01%	100.00%	15 days
128	Tata Teleservices	0.21	98.26%	5.93	0.00%	0.00%	1.68%	0.40%	98.12%	100.00%	100.00%	95.00%	96.00%	0.03%	100.00%	7 days
	METRO															
xx	Delhi															
129	Bharti Airtel Limited	Nil	98.96%	8.50	0.18%	0.13%	3.43%	0.80%	95.45%	100.00%	NA	95.35%	97.97%	0.06%	100.00%	30 days
130	Vodafone Essar	Nil	99.65%	7.93	0.08%	0.23%	0.44%	0.66%	98.00%	100.00%	100.00%	98.30%	98.66%	0.01%	100.00%	15 days
131	MTNL - GSM (i)	Nil	96.38%	11.36	0.27%	1.53%	5.55%	1.05%	99.72%	99.00%	100.00%	89.00%	94.00%	0.09%	100.00%	30 days
131	MTNL - CDMA (ii)	Nil	98.01%	10.00	0.27%	0.20%	5.55%	2.44%	98%	NA	NA	NR**	NR**	0.08%	100.00%	NR
132	IDEA Cellular	Nil	99.50%	9.00	0.08%	0.42%	2.07%	0.55%	98.56%	100.00%	100.00%	90.00%	94.00%	0.00%	100.00%	30 days
133	Tata Teleservices	Nil	99.71%	4.23	0.00%	0.00%	0.42%	0.64%	98.59%	100.00%	100.00%	93.00%	96.00%	0.03%	100.00%	7 days
134	Reliance Comm	Nil	97.63%	11.31	0.00%	0.22%	0.37%	0.36%	99.17%	99.00%	99.00%	67.88%	68.22%	0.07%	100.00%	30 days
135	Aircel	Nil	99.56%	6.51	0.04%	0.01%	7.95%	1.01%	97.47%	100.00%	100.00%	40.83%	44.11%	0.00%	100.00%	30 days
xxi	Mumbai															
136	Loop Mobile	Nil	99.99%	10.11	0.52%	0.35%	2.04%	1.49%	97.46%	82.66%	NA	87.15%	97.36%	0.06%	100.00%	30 days
137	Vodafone Essar	Nil	99.93%	10.00	0.22%	0.18%	4.44%	0.01%	98.55%	99.33%	99.33%	96.00%	97.00%	0.00%	100.00%	15 days
138	MTNL - GSM (i)	Nil	96.35%	10.00	0.91%	1.94%	8.55%	2.45%	96.62%	98.00%	99.00%	96.00%	99.00%	0.04%	100.00%	30 days
138	MTNL - CDMA (ii)	Nil	98.31%	2.87	0.86%	0.02%	8.55%	1.42%	98.41%	NR	NR	NR	NR	NR	NR	NR
139	Bharti Airtel Limited	Nil	97.35%	12.00	0.09%	0.32%	4.56%	1.06%	97.35%	100.00%	NA	90.90%	95.24%	0.00%	100.00%	30 days
140	Reliance Comm	Nil	99.01%	9.61	0.00%	0.14%	0.13%	0.34%	98.27%	99.00%	99.00%	68.20%	73.40%	0.08%	100.00%	30 days
141	Tata Teleservices	Nil	99.46%	10.00	0.00%	0.00%	0.00%	0.01%	97.00%	100.00%	100.00%	98.00%	99.00%	0.09%	100.00%	30 days
142	IDEA Cellular	Nil	99.21%	12.43	0.08%	0.40%	12.08%	1.49%	98.09%	100.00%	100.00%	95.00%	96.00%	0.10%	100.00%	30 days
143	Aircel	3.83	99.47%	6.57	0.01%	0.13%	9.65%	1.26%	98.20%	100.00%	100.00%	57.81%	61.60%	5.00%	100.00%	30 days
xxii	Chennai															
144	Aircel Cellular Ltd	0.47	97.49%	9.70	0.48%	0.45%	22.00%	2.10%	97.28%	100.00%	100.00%	89.39%	91.90%	0.21%	100.00%	30 days
145	Vodafone Essar	Nil	99.63%	11.15	0.08%	0.18%	0.29%	0.68%	98.95%	100.00%	100.00%	96.00%	100.00%	0.02%	100.00%	15 days

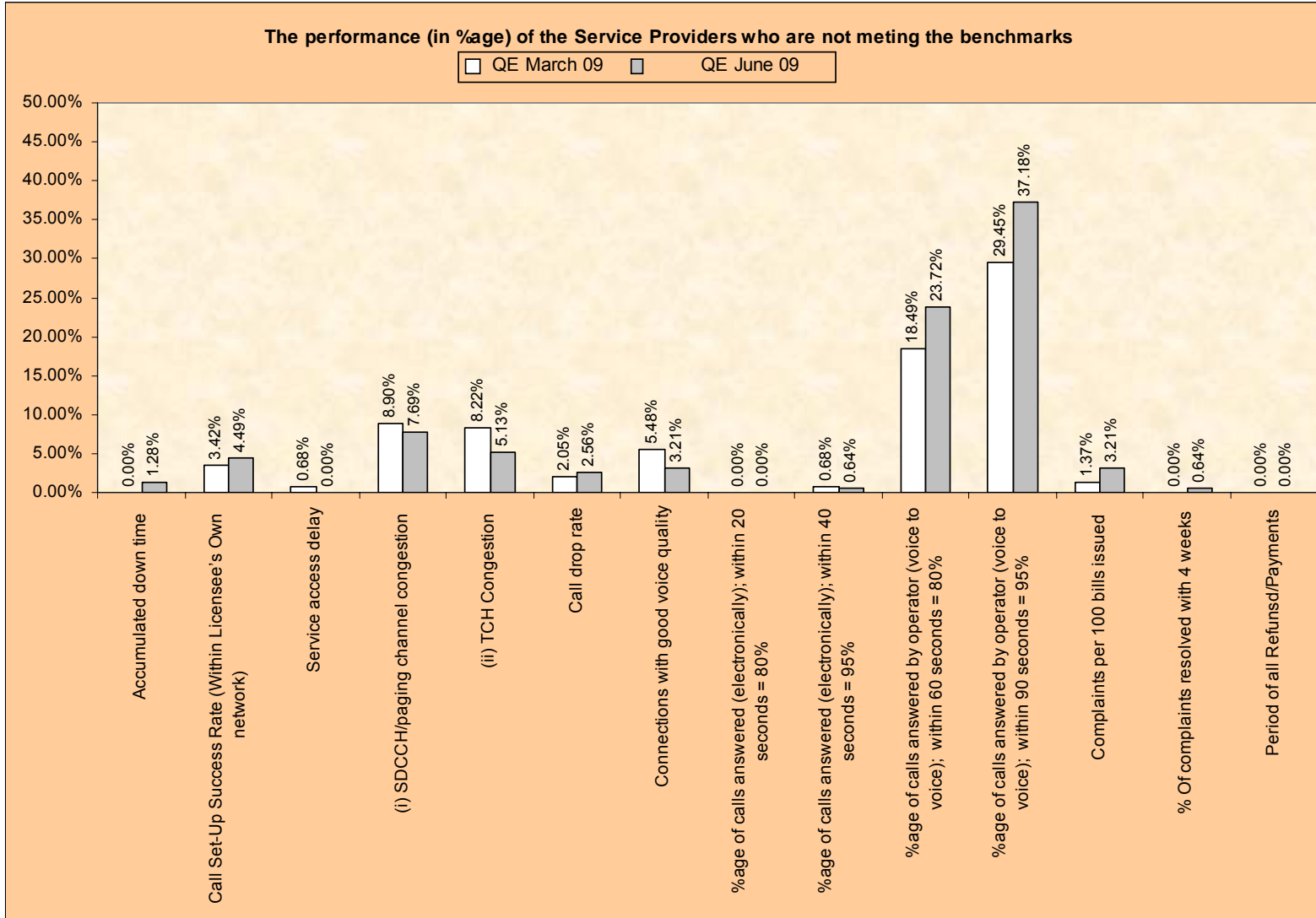
146	BSNL	Nil	99.00%	6.00	0.10%	0.70%	2.89%	1.10%	100.00%	100.00%	100.00%	93.00%	96.00%	0.04%	100.00%	30 days
147	Reliance Comm	Nil	99.19%	12.60	0.00%	0.11%	0.30%	0.30%	99.00%	99.00%	99.00%	80.52%	85.24%	0.09%	100.00%	30 days
148	Tata Teleservices	Nil	99.93%	3.37	0.00%	0.00%	0.00%	0.14%	99.45%	100.00%	100.00%	94.00%	96.00%	0.02%	100.00%	7 days
xxiii	Kolkata															
149	Bharti Airtel Limited	Nil	98.37%	6.21	0.54%	0.31%	4.80%	0.85%	97.67%	100.00%	NA	69.53%	86.76%	0.02%	100.00%	30 days
150	Vodafone Essar	Nil	99.97%	13.50	0.22%	0.29%	2.05%	0.59%	97.42%	100.00%	100.00%	88.33%	95.66%	0.00%	100.00%	15 days
151	BSNL	Nil	98.00%	9.00	0.81%	1.52%	8.10%	1.96%	99.00%	100.00%	100.00%	89.00%	98.00%	0.07%	100.00%	30 days
152	Reliance Telecom	Nil	98.62%	8.10	0.17%	0.54%	NR	1.03%	96.62%	100.00%	100.00%	50.04%	56.39%	NA	NA	NA
153	Tata Teleservices	Nil	99.75%	4.58	0.00%	0.08%	1.16%	0.65%	98.86%	100.00%	100.00%	93.00%	96.00%	0.01%	100.00%	7 days
154	Reliance Comm	Nil	97.40%	10.75	0.00%	0.43%	0.22%	0.46%	98.61%	99.00%	99.00%	56.81%	58.65%	0.06%	100.00%	30 days
155	Dishnet	9.08	99.16%	6.96	0.09%	0.45%	16.40%	1.31%	97.92%	100.00%	100.00%	95.63%	97.20%	0.08%	100.00%	30 days
156	Sistema Shyam	Nil	99.63%	0.00	0.00%	0.00%	NR	0.29%	98.70%	100.00%	100.00%	81.50%	96.50%	NA	NA	NA
Service Providers not meeting the benchmarks NR=Data Not Reported NA = Not Applicable,																

NR* IVR service not provided by MTNL (Mumbai) & Reliance Telecom

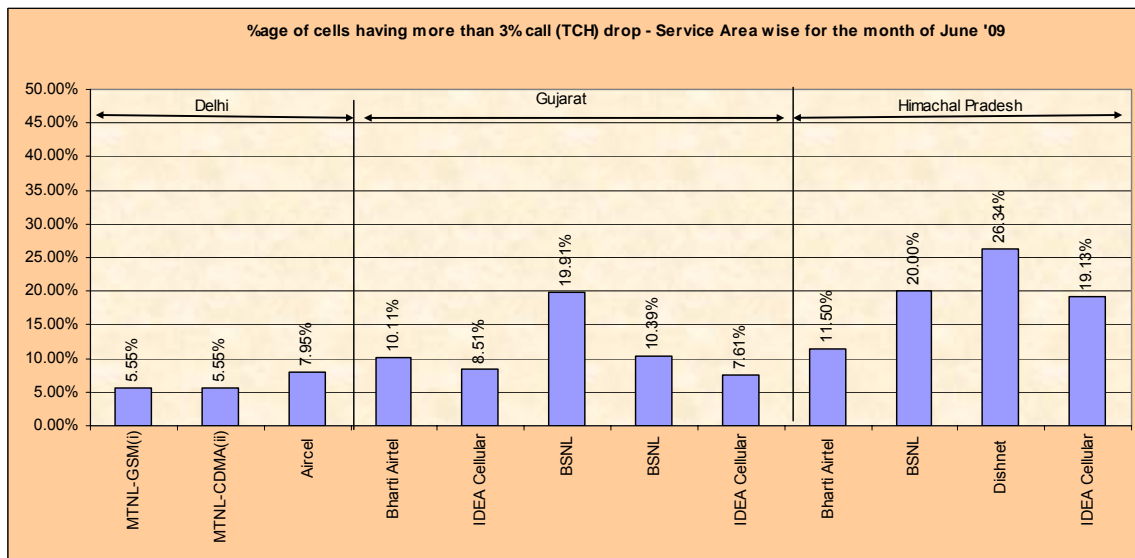
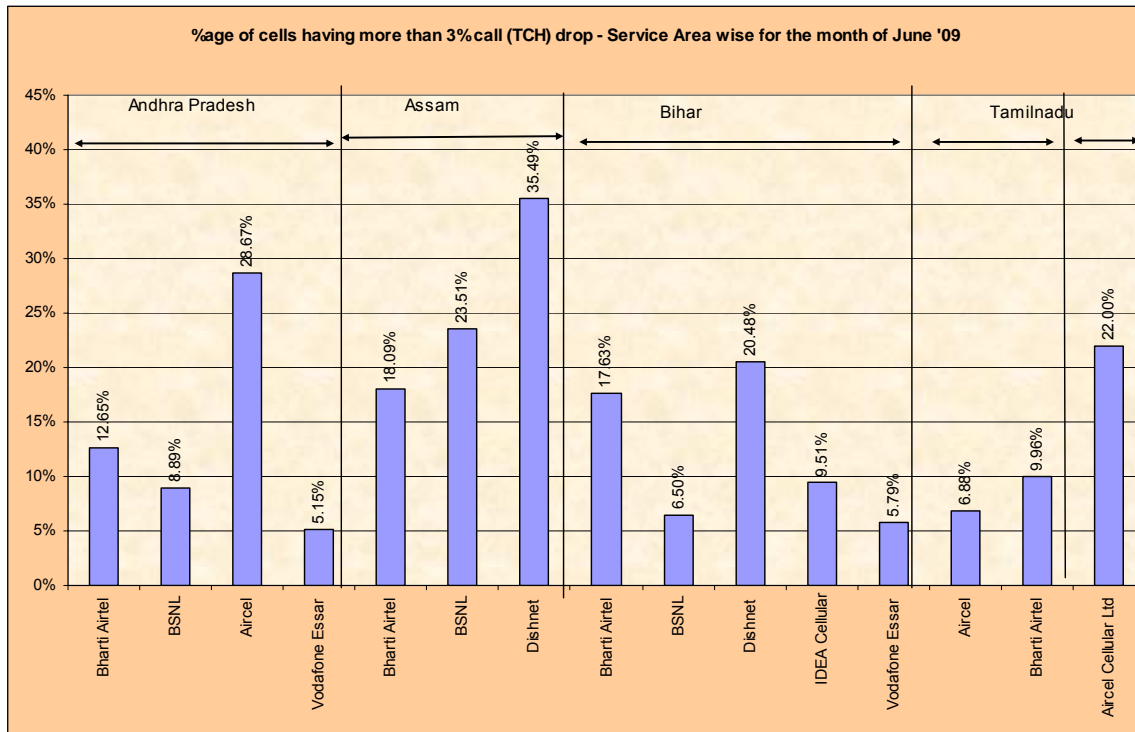
NR** Shyam(Raj) has not reported for B (i)a & b as they do not have a system to measure the % of calls answered by operator (voice to voice)

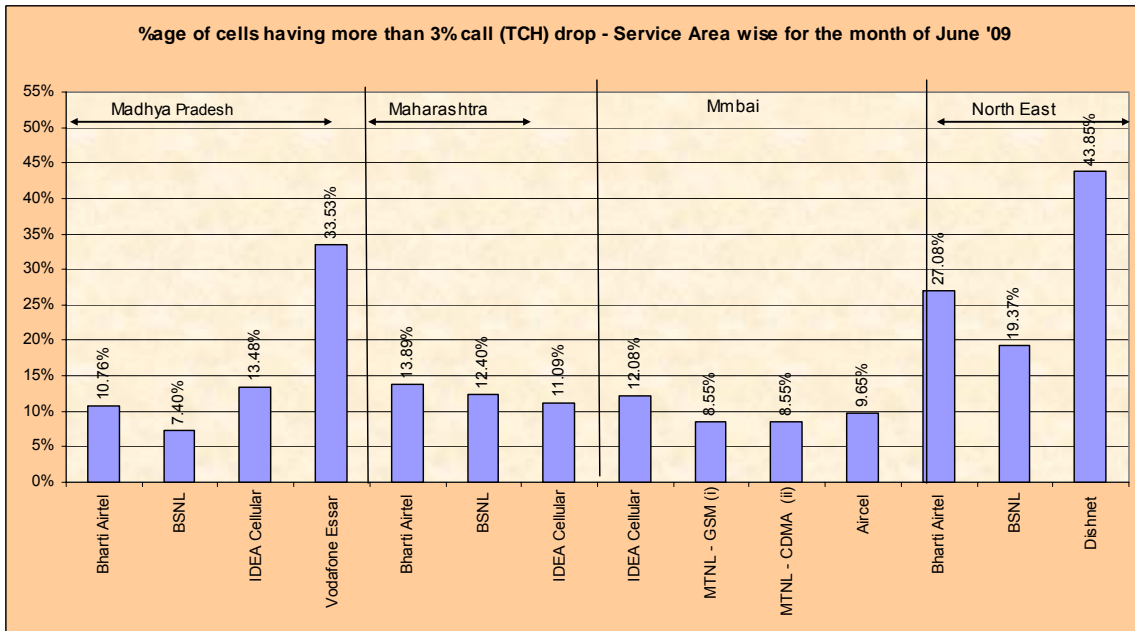
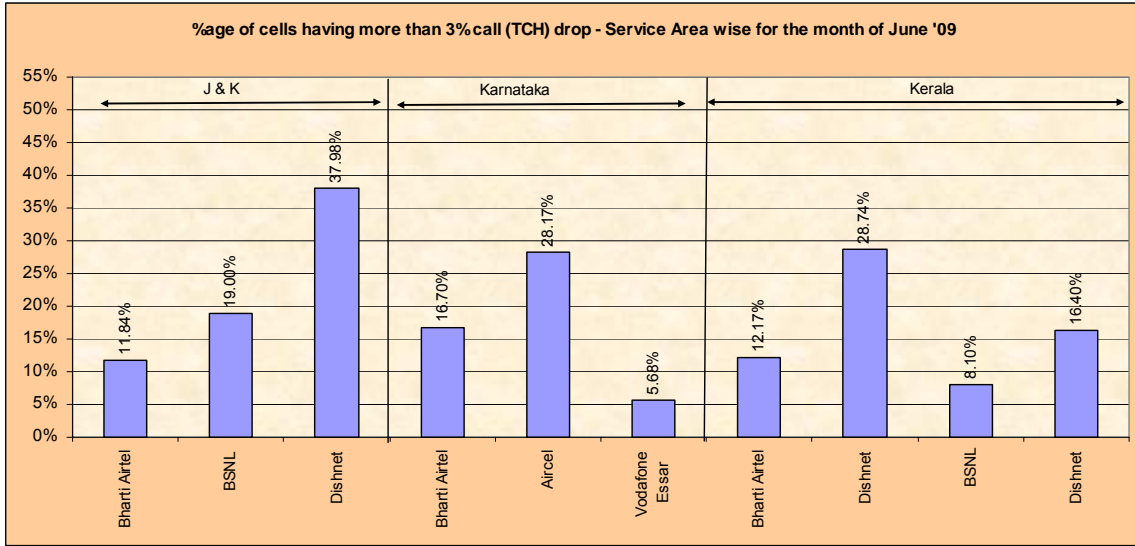
#

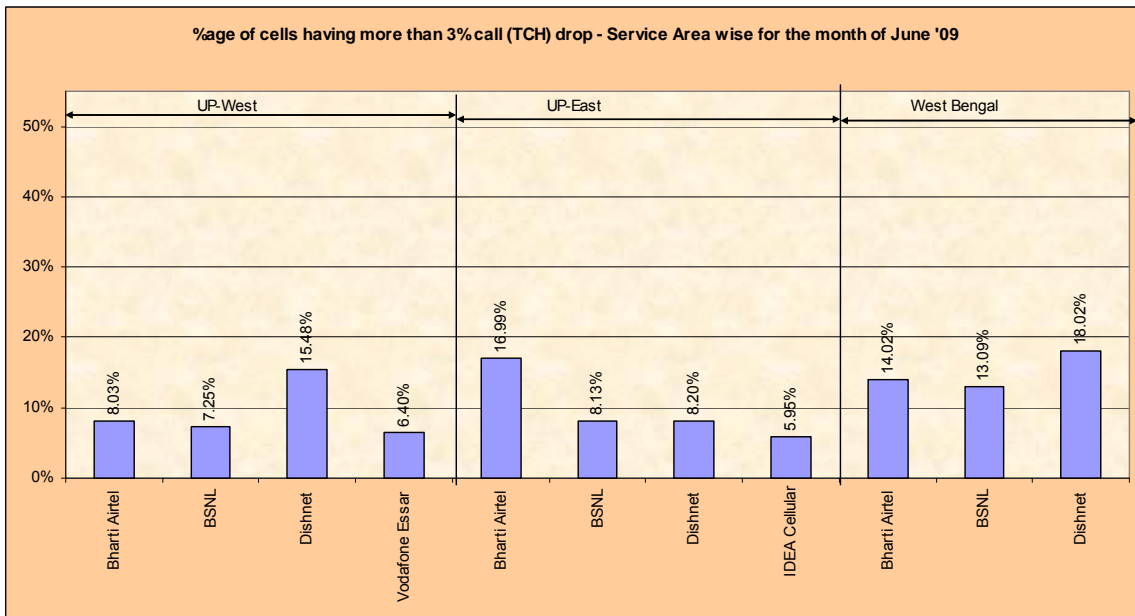
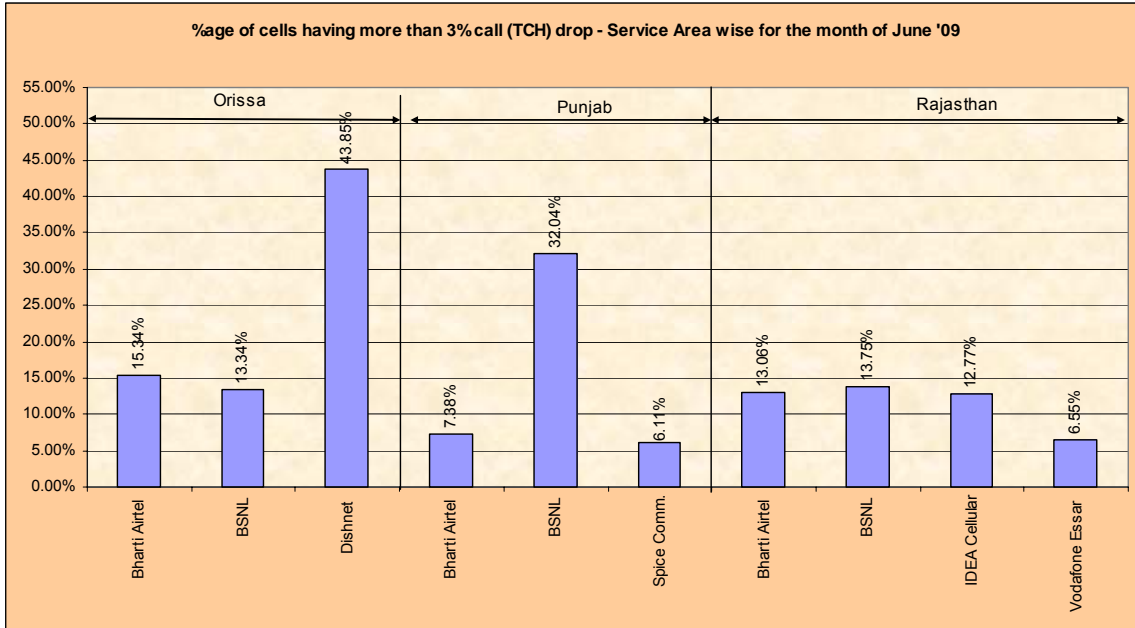
Annexure 7: Percentage of Wireless service Providers not meeting the benchmarks



Annexure 8: Percentage of cells having more than 3% call (TCH) drop







Note: This parameter does not reveal the extent of number of areas or localities where the call drop rate is worst. Worst affected cells are defined as cells in which the call drop rate exceeds 3% during cell Bouncing Busy Hour (BBH) or at any other hour of a day. The Cell Bouncing Busy Hour (BBH) is defined as the cells having maximum traffic during any particular hour. The BBH varies from cell to cell depending upon the location of the cells in particular areas.

Annexure 9: Performance of QoS Parameters for Basic (Wire-line) Services

Sl. No	Service Area	Service Providers	New connections after registration of demand	Fault incidences per 100 sub/month)	Fault repaired by next working day	Rent Rebate (Total no. of cases)	Mean Time to Repair (MTTR)	Grade of service (calls per thousand)	Call completion rate in local network	Metering & billing credibility- % of bills disputed	Time taken for refund of deposits after closures	Shifts	Closures	Additional facility	Response Time to the Customer for Assistance			
															95% of requests			%age of calls answered (electronically)
												100% in < 7days	<3	>90%	For faults pending > 3 days to >15 days	<8 hrs	a) Junction between local exchange (2/1000)	>55%
1	ANDHRA PRADESH	BSNL	88.75	4.10	79.16	Nil	14.39	NR	68.00%	0.020	100.00%	82.00	96.79	88.77	100.00	100.00	89.17	96.33
		RELIANCE	100.00	1.03	98.68	1	3.00	0.0001	NR	0.02	100.00%	100.00	98.83	99.12	100.00	100.00	86.00	98.00
		BHARTI	100.00	5.00	98.00	78	6.00	0.0010	80.00%	0.000	100.00%	96.00	100.00	100.00	100.00	100.00	88.00	91.00
		TATA	100.00	0.50	80.69	25	8.00	0.0007	98.90%	0.001	100.00%	100.00	100.00	97.58	100.00	100.00	87.00	91.00
2	BIHAR	BSNL	100.00	5.30	83.86	466	7.73	NR	58.00%	0.010	100.00%	100.00	99.87	99.26	100.00	100.00	100.00	100.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	98.17%	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	92.00	100.00
		RELIANCE	100.00	0.00	NA	NA	0.00	0.0000	NR	0.000	100.00%	NA	NA	100.00	100.00	100.00	86.00	98.00
3	DELHI	MTNL	98.88	7.64	86.46	27660	10.30	0.0001	51.98%	0.070	100.00%	85.53	96.26	95.17	99.00	100.00	90.33	98.67
		RELIANCE	100.00	0.67	99.28	NA	3.01	0.0000	NR	0.042	100.00%	100.00	98.65	98.29	100.00	100.00	86.00	98.00

		BHARTI	100.00	3.00	95.00	2486	8.00	0.0010	97.00%	0.010	100.00%	98.00	100.00	98.00	Nil	Nil	68.00	77.00
		TATA	100.00	0.92	97.94	Nil	8.00	0.0001	99.51%	0.030	100.00%	100.00	100.00	98.31	100.00	100.00	90.00	93.00
3	GUJARAT	BSNL	100.00	5.40	95.95	644	6.56	NR	66.00%	0.050	100.00%	100.00	100.00	100.00	100.00	100.00	99.72	99.72
		RELIANCE	100.00	1.78	99.66	8	2.27	0.0001	NR	0.044	100.00%	97.09	99.24	98.45	100.00	100.00	86.00	98.00
		BHARTI	100.00	2.00	99.00	7	7.10	0.0010	62.00%	0.000	100.00%	97.00	100.00	99.00	NA	NA	NA	NA
		TATA	100.00	2.58	99.88	Nil	4.00	0.0000	100.00%	0.010	100.00%	100.00	100.00	97.49	100.00	100.00	90.00	93.00
4	CHATTISGARH	BSNL	100.00	5.90	94.22	26	7.46	NR	66.00%	0.010	100.00%	100.00	100.00	100.00	100.00	100.00	100.00	100.00
5	MP	BSNL	100.00	3.70	95.67	249	5.68	NR	70.00%	0.020	100.00%	100.00	100.00	100.00	90.00	93.33	99.00	99.90
		RELIANCE	Nil	1.57	99.48	2	2.09	0.0000	NR	0.051	100.00%	100.00	99.44	99.81	100.00	100.00	86.00	98.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	NA	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	92.00	95.00
		BHARTI	100.00	7.00	96.00	1650	7.70	0.0030	60.00%	0.000	100.00%	96.00	100.00	98.00	100.00	100.00	97.00	99.00
7	MAHARASHTRA	BSNL	77.70	6.50	89.44	1136	14.87	NR	65.00%	0.010	100.00%	87.00	97.10	97.95	100.00	100.00	100.00	100.00
		RELIANCE	100.00	0.90	98.86	2	3.04	0.0000	NR	0.045	100.00%	100.00	99.53	99.15	100.00	100.00	86.00	98.00
		BHARTI	100.00	2.00	98.00	5	7.60	0.0000	64.00%	0.000	100.00%	97.00	100.00	98.00	NA	NA	NA	NA
		TATA	91.06	2.33	94.38	NR	NR	0.0020	59.00%	0.276	100.00%	100.00	100.00	98.79	100.00	100.00	92.99	96.23
8	PUNJAB	BSNL	99.87	7.20	88.46	397	12.20	NR	71.11%	0.020	100.00%	100.00	100.00	100.00	100.00	100.00	93.33	97.67
		RELIANCE	Nil	1.54	98.54	NA	3.20	0.0000	NR	0.059	100.00%	100.00	99.44	98.60	100.00	100.00	86.00	98.00
		BHARTI	100.00	2.00	97.00	28	7.00	0.0000	97.00%	0.000	100.00%	99.00	100.00	98.00	Nil	Nil	82.00	88.00
		TATA	100.00	0.03	100.00	Nil	2.00	0.0000	98.12%	0.000	100.00%	100.00	100.00	98.96	100.00	100.00	91.00	94.00
		HFCL	98.85	3.60	98.70	11	4.40	0.0002	55.55%	0.05	100.00%	98.58	100.00	100.00	NR	NR	98.00	99.00
9	RAJASTHAN	BSNL	100.00	4.70	94.58	964	6.70	NR	62.76%	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	81.00	95.00
		RELIANCE	97.26	1.81	98.69	2	3.50	0.0000	NR	0.120	100.00%	Nil	99.51	99.60	100.00	100.00	86.00	98.00
		BHARTI	100.00	3.00	97.00	16	7.00	0.0000	93.00%	0.010	100.00%	98.00	100.00	99.00	Nil	Nil	82.00	88.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	NA	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	90.00	93.00

		SHYAM	98.17	0.20	89.06	NR	5.60	0.001	91.12	0.090	100.00	100.00	100.00	98.68	NA	NA	62.00	NA
10	TAMILNADU	BSNL	100.00	2.80	95.56	Nil	5.60	NR	80.70%	0.010	100.00%	100.00	100.00	100.00	86.30	86.30	98.99	99.20
		RELIANCE	Nil	1.08	99.16	NA	3.06	0.0000	NR	0.033	100.00%	Nil	100.00	99.52	100.00	100.00	86.00	98.00
		BHARTI	100.00	5.00	94.00	567	5.30	0.0000	65.00%	0.030	100.00%	96.00	100.00	99.00	100.00	100.00	96.00	98.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	98.60%	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	91.00	94.00
11	HARYANA	BSNL	100.00	5.40	95.95	556	7.07	NR	75.00%	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	99.72	99.72
		RELIANCE	Nil	Nil	NA	NA	NA	0.0000	NR	0.057	100.00%	Nil	Nil	Nil	100.00	100.00	86.00	98.00
		TATA	100.00	0.03	100.00	Nil	8.10	NA	98.00%	0.110	100.00%	100.00	100.00	100.00	100.00	100.00	92.00	95.00
		BHARTI	100.00	3.00	98.00	15	6.00	0.0000	96.00%	0.000	100.00%	98.00	100.00	96.00	Nil	Nil	82.00	88.00
12	KARNATAKA	BSNL	100.00	4.60	96.27	9706	6.96	NR	66.00%	0.030	100.00%	100.00	100.00	100.00	100.00	100.00	99.81	99.92
		RELIANCE	100.00	0.40	99.67	3	2.08	0.0000	NR	0.035	100.00%	96.43	98.59	99.65	100.00	100.00	86.00	98.00
		BHARTI	100.00	4.00	96.00	2197	5.00	0.0000	65.00%	0.000	100.00%	96.00	100.00	98.00	100.00	100.00	81.00	86.00
		TATA	100.00	0.03	93.33	1	6.00	0.0000	98.30%	0.010	100.00%	100.00	100.00	99.11	100.00	100.00	91.00	94.00
13	A&N	BSNL	97.90	4.30	87.69	Nil	7.90	NR	59.00%	0.030	NR	92.00	98.02	98.53	NR	NR	NR	NR
14	ASSAM	BSNL	99.22	6.20	92.97	Nil	8.81	NR	59.00%	0.050	100.00%	95.00	99.75	96.67	98.00	100.00	95.00	97.00
15	CHENNAI	BSNL	99.00	4.50	86.82	1641	7.80	NR	83.43%	0.000	100.00%	98.00	100.00	100.00	100.00	100.00	89.04	100.00
		RELIANCE	100.00	0.50	99.63	NA	2.35	0.0000	NR	0.041	100.00%	100.00	99.85	99.61	100.00	100.00	86.00	98.00
		TATA	100.00	0.02	100.00	Nil	6.19	NA	97.36%	0.020	100.00%	100.00	100.00	99.38	100.00	100.00	91.00	94.00
16	H P	RELIANCE	Nil	Nil	NA	NA	NA	0.0005	NR	0.000	100.00%	Nil	Nil	Nil	100.00	100.00	86.00	98.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	NA	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	92.00	95.00
		BSNL	100.00	8.60	90.04	1041	6.92	NR	70.00%	0.000	100.00%	100.00	99.17	98.19	NR	NR	NR	NR
17	JHARKHAND	BSNL	100.00	4.00	96.05	Nil	7.47	NR	62.00%	0.040	100.00%	99.00	99.76	100.00	NR	NR	NR	NR
18	J & K	BSNL	Nil	8.70	70.50	Nil	7.96	NR	52.00%	0.070	100.00%	Nil	98.05	97.82	NR	NR	NR	NR
19	KERALA	BSNL	94.98	7.00	82.32	4444	18.88	NR	71.00%	0.000	100.00%	93.00	98.02	99.69	100.00	100.00	97.67	100.00
		BHARTI	100.00	3.00	94.00	105	6.00	0.0040	63.00%	0.030	100.00%	93.00	100.00	99.00	100.00	100.00	96.00	97.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	98.43%	0.000	100.00%	100.00	100.00	99.02	100.00	100.00	91.00	93.00

		RELIANCE	Nil	0.93	99.16	NA	3.18	0.0000	NR	0.033	100.00%	100.00	98.90	99.37	100.00	100.00	86.00	98.00
20	KOLKATA	BHARTI	100.00	3.00	96.00	82	7.00	0.0010	94.00%	0.000	97.00%	98.00	100.00	100.00	Nil	Nil	82.00	88.00
		RELIANCE	100.00	1.33	98.85	6	3.35	0.0004	NR	0.045	100.00%	100.00	99.27	99.10	100.00	100.00	86.00	98.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	98.00%	0.010	100.00%	100.00	100.00	99.86	100.00	100.00	92.00	100.00
		BSNL	99.00	4.50	86.82	4295	8.60	NR	55.60%	0.080	100.00%	98.00	100.00	99.71	100.00	100.00	89.04	100.00
21	MUMBAI	TATA	100.00	2.33	96.84	NR	NR	0.0020	57.00%	0.084	100.00%	98.95	100.00	98.15	100.00	100.00	94.54	97.09
		BHARTI	100.00	2.00	96.00	29	7.90	0.0010	65.00%	0.000	100.00%	96.00	100.00	99.00	NA	NA	NA	NA
		RELIANCE	100.00	0.74	99.16	4	4.01	0.0000	NR	0.049	100.00%	100.00	97.99	98.81	100.00	100.00	86.00	98.00
		MTNL	94.89	6.96	88.28	38682	14.46	0.0000	56.39%	0.050	100.00%	89.14	96.95	99.10	100.00	100.00	91.77	92.44
21	NE-I	BSNL	92.29	4.80	89.23	48	15.40	NR	63.07%	0.030	100.00%	96.00	100.00	100.00	100.00	100.00	100.00	100.00
22	NE-II	BSNL	100.00	3.30	93.69	1040	8.50	NR	57.31%	0.030	100.00%	100.00	100.00	100.00	91.89	96.25	95.33	99.33
23	ORISSA	BSNL	99.37	4.50	92.79	2618	7.50	NR	62.60%	0.040	100.00%	100.00	97.70	98.64	100.00	100.00	100.00	100.00
		TATA	100.00	0.00	100.00	Nil	1.00	0.0020	99.97%	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	90.00	100.00
		RELIANCE	Nil	Nil	NA	NA	0.00	0.0000	NR	0.000	100.00%	Nil	Nil	97.01	100.00	100.00	86.00	98.00
24	UP-E	BSNL	99.67	4.40	93.87	2116	6.60	NR	71.26%	0.030	100.00%	99.00	99.82	99.88	100.00	100.00	100.00	100.00
		BHARTI	100.00	2.00	97.00	8	7.00	0.0020	99.00%	0.010	100.00%	98.00	100.00	98.00	Nil	Nil	82.00	88.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	99.99%	0.010	100.00%	100.00	100.00	100.00	100.00	100.00	91.00	95.00
		RELIANCE	Nil	2.59	99.07	5	2.23	0.0000	NR	0.072	100.00%	100.00	97.39	98.76	100.00	100.00	86.00	98.00
25	UP-W	BSNL	96.36	7.00	88.10	1542	7.70	NR	62.42%	0.090	100.00%	96.00	98.66	99.03	100.00	100.00	99.34	99.73
		BHARTI	100.00	3.00	96.00	21	8.00	0.0010	96.00%	0.000	100.00%	96.00	100.00	99.00	Nil	Nil	82.00	88.00
		TATA	100.00	0.00	100.00	Nil	0.00	NA	99.12%	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	91.00	94.00
		RELIANCE	Nil	Nil	NA	NA	NA	0.0000	NR	0.000	100.00%	Nil	Nil	Nil	100.00	100.00	86.00	98.00
26	UTTARANCHAL	BSNL	100.00	5.40	95.72	15	6.50	NR	69.80%	0.030	100.00%	99.00	99.20	99.26	96.00	96.00	96.00	96.00
27	WEST BENGAL	BSNL	100.00	5.80	86.82	553	8.68	NR	62.70%	0.020	100.00%	100.00	100.00	100.00	100.00	100.00	76.67	99.67
		TATA	100.00	0.00	100.00	Nil	3.00	NA	NA	0.000	100.00%	100.00	100.00	100.00	100.00	100.00	92.00	100.00
		RELIANCE	Nil	Nil	NA	NA	0.00	0.0000	NR	0.000	100.00%	Nil	Nil	NA	100.00	100.00	86.00	98.00

Operator not meeting the prescribed benchmark

NR = Data Not Reported

NA = Not Applicable

Annexure 10: Quality of Service Performance of Broadband Service Providers

Sl. No.	Service Operators	Service Provisioning	Faults Repair		Billing Performance			Response Time to the Customer for assistance		Bandwidth utilisation/throughput					Packet Loss	Network latency (for wired broadband access)																					
		%age of connections provided within 15 days of registration of demand	% of faults repaired by next working day (>90%)	% of faults repaired within 3 working day	Rent Rebate	%age of bills disputed	%age of billing complaints resolved within 4 weeks	%age of cases to whom refund of deposits is made within 60 days of closures	%age of calls answered by operator (Voice to voice) within 60 sec	%age of calls answered by operator (Voice to voice) within 90 sec	No. of Intra network links having Bandwidth utilisation >90% during peak hours (TCBH)	No. of Upstream links for International connectivity having bandwidth utilisation >90% during peak hours (TCBH)	% International bandwidth utilization during peak hours (TCBH) (Enclose MRTG) <90%	Broadband Connection Speed available (download) from ISP node to user	Service availability /uptime (for all users) in %age	Packet loss (for wired broadband access) in %age	User reference point at POP/ISP Gateway node to IGSP/NIXI	User reference point at ISP Gateway node to International nearest NAP port abroad (terrestrial)	User reference point at ISP Gateway node to International nearest NAP port abroad (satellite)																		
																				1.2	2.2	2.3	2.4	3.3	3.4	3.5	4.2	4.3	5.2	5.4	5.7	5.8	6.3	7.0	8.1	8.2	8.3
																				100%	>90%	>99%	in nos.	<2%	100%	100% within 60 days	>60%	>80%	0	0	<90%	>80%	>98%	<1%	<120 ms	<350 ms	<800 ms
1	BSNL																																				
1.1	Andhra Pradesh	97.70%	89.00%	99.80%	0	0.20%	99.50%	100.00%	87.30%	93.50%	0	1	73.80%	91.30%	98.90%	0.00%	22.7	242.7	0																		
1.2	Assam	100.00%	93.50%	100.00%	0	0.20%	100.00%	100.00%	88.00%	95.40%	0		73.80%	97.20%	99.80%	0.00%	22.7	242.7	0																		
1.3	Bihar	100.00%	97.70%	99.90%	0	0.00%	100.00%	100.00%	100.00%	100.00%	0		73.80%	87.00%	100.00%	0.00%	22.7	242.7	0																		
1.4	Chhattisgarh	100.00%	93.50%	99.80%	0	0.00%	100.00%	100.00%	82.10%	92.20%	0		73.80%	92.10%	99.40%	0.00%	22.7	242.7	0																		
1.5	Chennai	100.00%	93.00%	100.00%	0	0.00%	100.00%	100.00%	94.60%	100.00%	0		73.80%	91.90%	100.00%	0.00%	22.7	242.7	0																		
1.6	Gujrat	100.00%	94.00%	99.90%	0	0.20%	98.00%	100.00%	74.40%	87.10%	0		73.80%	87.80%	99.70%	0.00%	22.7	242.7	0																		
1.7	Haryana	100.00%	93.30%	99.90%	0	0.10%	100.00%	100.00%	82.10%	92.40%	0		73.80%	91.40%	99.50%	0.00%	22.7	242.7	0																		
1.8	Himachal Pradesh	100.00%	91.90%	100.00%	0	0.00%	100.00%	100.00%	84.60%	94.10%	0		73.80%	89.30%	99.30%	0.00%	22.7	242.7	0																		
1.9	Jammu & Kashmir	96.90%	91.50%	99.80%	0	0.10%	100.00%	100.00%	75.20%	94.50%	0		73.80%	89.10%	98.40%	0.00%	22.7	242.7	0																		
1.10	Jharkhand	99.90%	90.50%	98.40%	0	0.00%	100.00%	100.00%	85.00%	95.00%	0		73.80%	92.50%	98.60%	0.00%	22.7	242.7	0																		

1.11	Karnataka	100.00%	93.30%	99.60%	0	0.20%	100.00%	100.00%	84.30%	91.90%	0		73.80%	91.30%	99.80%	0.00%	22.7	242.7	0
1.12	Kerala	100.00%	95.50%	100.00%	0	0.30%	100.00%	100.00%	81.70%	90.60%	0		73.80%	88.40%	99.70%	0.00%	22.7	242.7	0
1.13	Kolkata	100.00%	99.90%	99.90%	0	0.40%	100.00%	100.00%	88.00%	100.00%	0		73.80%	83.90%	99.80%	0.00%	22.7	242.7	0
1.14	Maharashtra	99.30%	93.10%	99.90%	0	0.20%	100.00%	99.80%	84.60%	87.20%	0		73.80%	88.90%	99.60%	0.00%	22.7	242.7	0
1.15	Madhya Pradesh	100.00%	97.80%	100.00%	0	0.20%	100.00%	100.00%	87.30%	95.50%	0		73.80%	90.50%	99.50%	0.00%	22.7	242.7	0
1.16	North East I	100.00%	95.40%	100.00%	0	0.20%	100.00%	100.00%	93.40%	95.60%	0		73.80%	89.20%	97.00%	0.00%	22.7	242.7	0
1.17	North East II	100.00%	93.50%	100.00%	0	0.00%	100.00%	100.00%	90.00%	94.40%	0		73.80%	80.00%	98.00%	0.00%	22.7	242.7	0
1.18	Orissa	97.40%	94.10%	99.90%	0	0.20%	99.50%	99.30%	88.30%	96.20%	0		73.80%	92.00%	99.50%	0.00%	22.7	242.7	0
1.19	Punjab	100.00%	93.90%	99.70%	0	0.10%	100.00%	100.00%	82.90%	93.10%	0		73.80%	89.10%	99.50%	0.00%	22.7	242.7	0
1.20	Rajasthan	100.00%	95.00%	99.90%	0	0.20%	100.00%	100.00%	86.00%	96.60%	0		73.80%	87.90%	99.80%	0.00%	22.7	242.7	0
1.21	Tamil Nadu	99.70%	94.20%	100.00%	0	0.10%	100.00%	100.00%	87.30%	95.60%	0		73.80%	89.90%	100.00%	0.00%	22.7	242.7	0
1.22	UP- East	100.00%	93.60%	100.00%	0	0.50%	100.00%	100.00%	88.80%	96.60%	0		73.80%	94.30%	99.60%	0.00%	22.7	242.7	0
1.23	UP-West	100.00%	90.70%	99.70%	0	0.10%	100.00%	100.00%	82.20%	92.50%	0		73.80%	91.30%	99.30%	0.00%	22.7	242.7	0
1.24	Uttaranchal	100.00%	96.80%	100.00%	0	0.00%	100.00%	100.00%	86.00%	95.70%	0		73.80%	90.60%	99.00%	0.00%	22.7	242.7	0
1.25	West Bengal	98.80%	90.80%	95.20%	0	0.30%	100.00%	100.00%	91.60%	97.20%	0		73.80%	92.50%	99.20%	0.00%	22.7	242.7	0
1.26	A&N	99.79%	95.50%	100.00%	0	0.00%	100.00%	81.30%	100.00%	100.00%	0		73.80%	92.00%	98.80%	0.00%	22.7	242.7	0
2	MTNL																		
2.1	Delhi	95.05%	60.45%	82.68%	5439	0.13%	100.00%	100.00%	98.22%	98.97%	0	0	66.94%	95.00%	99.29%	C/DNF	C/DNF	C/DNF	NA
2.2	Mumbai	79.06%	61.14%	75.26%	0	0.020%	100.00%	NA	63.89%	83.25%	0	0	84.08%	C/DNF	C/DNF	C/DNF	C/DNF	C/DNF	NA
3	Bharti Airtel Ltd.																		
3.1	Andhra Pradesh	100.00%	95.00%	98.00%	181	0.00%	100.00%	100.00%	83.00%	86.00%	0	0	85.55%	100.00%	100.00%	0.00%	0	0	0
3.2	Delhi	100.00%	97.00%	99.00%	531	0.00%	100.00%	100.00%	80.00%	86.00%	0	0	86.54%	100.00%	100.00%	0.00%	20	4	0
3.3	Gujarat	100.00%	99.00%	100.00%	0	0.00%	100.00%	DNF	NA	NA	0	NA	NA	99.00%	100.00%	0.00%	47	49	NA
3.4	Haryana	100.00%	99.00%	99.00%	1	0.00%	100.00%	100.00%	86.00%	91.00%	0	0	50.27%	100.00%	100.00%	0.00%	35	4	0
3.5	Karnataka	100.00%	94.00%	98.00%	547	0.00%	100.00%	100.00%	78.00%		0	0	83.07%	104.00%	100.00%	0.00%	0	0	0
3.6	Kerala	100.00%	98.00%	99.00%	0	0.00%	100.00%	100.00%	95.00%	97.00%	0	NA	NA	104.00%	100.00%	0.00%	0	0	0
3.7	Kolkata	100.00%	94.00%	99.00%	30	0.00%	100.00%	60.00%	86.00%	91.00%	0	0	53.96%	100.00%	100.00%	0.00%	72	98	0

3.8	Madhya Pradesh & CG	100.00%	95.00%	98.00%	53	0.00%	87.00%	100.00%	96.00%	99.00%	0	NA	89.00%	99.00%	100.00%	0.00%	74	94	NA
3.9	Maharashtra	100.00%	96.00%	100.00%	1	0.00%	100.00%	DNF	NA	NA	0	NA	NA	99.00%	100.00%	0.00%	43	49	NA
3.10	Mumbai	100.00%	97.00%	99.00%	1	0.00%	100.00%	100.00%	86.00%	95.00%	NA	0	75.00%	99.00%	100.00%	0.00%	30	49	NA
3.11	Punjab	100.00%	99.00%	100.00%	4	0.00%	100.00%	100.00%	86.00%	91.00%	0	0	80.22%	100.00%	100.00%	0.00%	27	4	0
3.12	Rajasthan	100.00%	99.00%	100.00%	2	0.00%	100.00%	100.00%	86.00%	91.00%	0	0	61.11%	100.00%	100.00%	0.00%	17	4	0
3.13	Tamilnadu	100.00%	92.00%	97.00%	128	0.00%	100.00%	100.00%	82.00%	86.00%	0	1	95.89%	107.00%	100.00%	0.00%	0	0	0
3.14	UP - East	100.00%	99.00%	99.00%	5	0.00%	100.00%	100.00%	86.00%	91.00%	0	0	67.34%	100.00%	100.00%	0.00%	36	4	0
3.15	UP - West	100.00%	98.00%	99.00%	7	0.00%	100.00%	100.00%	86.00%	91.00%	0	0	58.00%	100.00%	100.00%	0.00%	33	4	0
4	Tata Communications																		
4.1	Central Region	100.00%	99.00%	100.00%	46631	0.53%	100.00%	100.00%	70.45%	74.75%	0	0	48.47%	C/DNF	99.59%	0.00%	80	250	NA
4.2	East	99.00%	91.00%	97.00%		0.50%					0	0	48.47%	C/DNF	98.12%	0.00%	80	250	NA
4.3	North	100.00%	95.00%	99.00%		0.45%					0	0	48.47%	C/DNF	95.02%	0.00%	80	250	NA
4.4	South 1	99.00%	90.00%	99.00%		0.64%					0	0	48.47%	C/DNF	98.64%	0.00%	80	250	NA
4.5	South 2	99.00%	94.00%	99.00%		0.27%					0	0	48.47%	C/DNF	97.61%	0.00%	80	250	NA
4.6	South 3	99.00%	96.00%	99.00%		0.05%					0	0	48.47%	C/DNF	99.43%	0.00%	80	250	NA
4.7	South 4	100.00%	85.00%	96.00%		0.59%					0	0	48.47%	C/DNF	97.13%	0.00%	80	250	NA
4.8	West 1	99.00%	95.00%	99.00%		1.12%					0	0	48.47%	C/DNF	98.67%	0.00%	80	250	NA
4.9	West 2	97.00%	95.00%	99.00%		0.72%					0	0	48.47%	C/DNF	97.52%	0.00%	80	250	NA
5	Hathway																		
5.1	Andhra Pradesh	97.00%	93.00%	100.00%	324	1.21%	100.00%	100.00%	100.00%	100.00%	1	0	94.00%	85.00%	99.00%	1.00%	80	320	NA
5.2	Chennai	93.00%	77.00%	99.00%	1439	1.59%	100.00%	100.00%	100.00%	100.00%	1	0	80.00%	85.00%	98.00%	1.00%	100	300	NA
5.3	Delhi	99.00%	90.00%	99.00%	111	1.44%	100.00%	100.00%	79.00%	89.00%	0	100.00%	88.00%	86.00%	97.00%	1.00%	80	300	NA
5.4	Gujarat	94.00%	94.00%	99.00%	0	1.03%	100.00%	100.00%	86.00%	91.00%	0	1	88.00%	87.00%	99.00%	1.00%	100	350	NA
5.5	Haryana	100.00%	99.00%	100.00%	0	NR	NA	NA	90.00%	NA	NR	DNF	NA	85.00%	99.00%	1.00%	100	320	NA
5.6	Karnataka	98.00%	93.00%	99.00%	428	1.12%	100.00%	100.00%	100.00%	100.00%	1	0	85.00%	85.00%	99.00%	1.00%	80	320	NA

5.7	Maharashtra	97.00%	91.00%	99.00%	9657	1.63%	100.00%	100.00%	80.00%	91.00%	1	1	87.00%	87.00%	98.00%	1.00%	100	350	NA
5.8	Punjab	100.00%	99.00%	99.00%	38	2.00%	94.00%	100.00%	87.00%	87.00%	0	0	88.00%	86.00%	100.00%	1.00%	80	300	NA
5.9	Tamilnadu	94.00%	99.00%	100.00%	61	1.47%	100.00%	100.00%	88.00%	90.00%	0	0	87.00%	85.00%	100.00%	1.00%	100	300	NA
5.10	Uttar Pradesh	99.00%	97.00%	99.00%	85	1.77%	100.00%	100.00%	97.00%	NA	0	NA	NA	85.00%	98.00%	1.00%	100	320	NA
6	YOU Telecom India Pvt. Ltd.																		
	All India	100.00%	90.00%	99.00%	174	0.91%	100.00%	60.00%	79.00%	86.00%	0	0	78.16%	85.00%	99.05%	C/DNF	40	300	NA
6.1	Andhra Pradesh	100.00%	84.00%	98.00%	57	0.14%	100.00%	88.00%	79.00%	86.00%	NA	0	78.13%	85.00%	99.03%	C/DNF	40	300	NA
6.2	Gujarat	100.00%	86.00%	98.00%	75	0.38%	100.00%	59.00%	78.00%	86.00%	NA	0	79.20%	85.00%	99.19%	C/DNF	40	300	NA
6.3	Haryana	100.00%	98.00%	100.00%	1	0.38%	100.00%	11.00%	80.00%	86.00%	NA	0	71.43%	85.00%	99.61%	C/DNF	40	300	NA
6.4	Karnataka	100.00%	96.00%	100.00%	0	0.25%	100.00%	42.00%	79.00%	85.00%	NA	0	70.00%	85.00%	98.93%	C/DNF	40	300	NA
6.5	Maharashtra	100.00%	91.00%	99.00%	31	0.41%	100.00%	83.00%	78.00%	85.00%	0	0	79.76%	85.00%	98.89%	C/DNF	40	300	NA
6.6	Tamilnadu	100.00%	88.00%	99.00%	10	0.25%	100.00%	81.00%	79.00%	86.00%	NA	0	77.78%	85.00%	98.77%	C/DNF	40	300	NA
7	SIFY																		
	All India	100.00%	90.00%	99.00%	143	0.00%	NA	NA	90.00%	100.00%	0	0	79.00%	95.00%	100.00%	C/DNF	45	300	0
8	Reliance																		
	All India	100.00%	100.00%	100.00%	39	0.45%	NR	100.00%	84.00%	88.00%	0	0	45.00%	88.00%	99.77%	C/DNF	C/DNF	C/DNF	C/DNF
9	Asianet																		
	Kerala	100.00%	90.90%	99.33%	NR	1.00%	100.00%	100.00%	NR	NR	0	0	87.00%	DNF	99.00%	C/DNF	50	270	300
10	HFCL Infotel Lt.d																		
	Punjab	99.92%	99.10%	99.98%	1	0.06%	100.00%	100.00%	94.00%	97.00%	0	0	88.00%	100.00%	99.92%	0.00%	40	290	NA
11	Ortel																		
	Orissa	100.00%	90.10%	99.10%	900	0.30%	100.00%	100.00%	99.00%	100.00%	0	0	58.45%	90.00%	93.11%	0.06%	88	258	NA
12	Tata Teleservices (Maharashtra) Ltd.																		

	Maharashtra & Goa	98.00%	92.79%	100.00%	NA	0.32%	100.00%	100.00%	94.18%	95.39%	0	0	67.00%	90.00%	99.97%	0.45%	69	214	NA
13	Alliance Broadband Services Pvt. Ltd.																		
	Kolkatta	100.00%	70.00%	90.00%	256	0.04%	100.00%	NA	76.00%	91.00%	7	1	91.00%	DNF	96.00%	3.00%	NA	NA	NA
14	Spectra Net																		
	All India (Delhi, Banglore & Mumbai)	99.37%	98.00%	99.00%	0	0.00%	0.00%	NA	100.00%	100.00%	0	0	86.00%	DNF	DNF	DNF	DNF	DNF	NA
15	Syscon Infoway Pvt Ltd.																		
	Maharashtra	89.00%	99.00%	1.00%	0	0.00%	100.00%	NA	94.00%	87.00%	0	0	80.00%	98.00%	99.57%	0.01%	3	NR	NR
	Service Providers not meeting the Benchmark	DNF= Data not as per Format				NR= Data not reported by the Service Provider							NA = Not Applicable			C/DNF= Complied the parameter but Data is not in the required format			

Annexure 11: Broadcaster wise list of pay channels along with their reported a-la-carte rates

(As reported to TRAI upto 30th June 2009)

<i>S. No</i>	<i>Name of the Broadcaster</i>	<i>S.No</i>	<i>Name of the channel</i>	<i>Reported Rates(in INR)</i>	<i>Remarks</i>
1	M/s Zee-Turner Limited	1	Zee TV	13.88	As on 01.12.2007, the rate of the channel was Rs. 12.97. Reported revised rate of Rs. 13.88 w.e.f. 01.01.2009. Reported revised rate under examination
		2	Zee Cinema	13.88	As on 01.12.2007, the rate of the channel was Rs. 12.97 Reported revised rate of Rs. 13.88 w.e.f. 01.01.2009. Reported revised rate under examination.
		3	Cartoon Network	13.37	As on 01.12.2007, the rate of the channel was Rs. 12.50 Reported revised rate of Rs. 13.37 w.e.f. 01.01.2009. Reported revised rate under examination
		4	Zee Marathi	08.56	As on 01.12.2007, the rate of the channel was Rs. 8.00 Reported revised rate of Rs. 08.56 w.e.f. 01.01.2009. Reported revised rate under examination
		5	Zee News	08.02	As on 01.12.2007, the rate of the channel was Rs. 7.50 Reported revised rate of Rs. 08.02 w.e.f. 01.01.2009. Reported revised rate under examination
		6	CNN	01.60	As on 01.12.2007, the rate of the channel was Rs. 1.50 Reported revised rate of Rs. 01.60 w.e.f. 01.01.2009. Reported revised rate under examination.
		7	Zee Café	08.56	As on 01.12.2007, the rate of the channel was Rs. 8.00 Reported revised rate of Rs. 08.56 w.e.f. 01.01.2009. Reported revised rate under examination.
		8	Zee Studios	07.49	As on 01.12.2007, the rate of the channel was Rs. 7.00 Reported revised rate of Rs. 07.49 w.e.f. 01.01.2009. Reported revised rate under examination

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
		9	Zee Bangla	08.67	As on 01.12.2007, the rate of the channel was Rs. 8.10 Reported revised rate of Rs. 08.67 w.e.f. 01.01.2009. Reported revised rate under examination
		10	Zee Punjabi	01.60	As on 01.12.2007, the rate of the channel was Rs. 1.50 Reported revised rate of Rs. 01.60 w.e.f. 01.01.2009. Reported revised rate under examination
		11	Zee Trendz	01.07	As on 01.12.2007, the rate of the channel was Rs. 1.00 Reported revised rate of Rs. 01.67 w.e.f. 01.01.2009. Reported revised rate under examination
		12	HBO	16.69	As on 01.12.2007, rate of the channel was Rs. 15.60 Reported revised rate of Rs. 16.69 w.e.f. 01.01.2009. Reported revised rate under examination
		13	POGO	13.37	As on 01.12.2007, rate of the channel was Rs. 12.50 Reported revised rate of Rs. 13.37 w.e.f. 01.01.2009. Reported revised rate under examination.
		14	Zee Business	05.14	As on 01.12.2007, rate of the channel was Rs. 4.80 Reported revised rate of Rs. 05.14 w.e.f. 01.01.2009. Reported revised rate under examination
		15	Zee Classic	10.70	As on 01.12.2007, rate of the channel was Rs. 10.00 Reported revised rate of Rs. 10.70 w.e.f. 01.01.2009. Reported revised rate under examination
		16	Zee Action	10.70	As on 01.12.2007, rate of the channel was Rs. 10.00 Reported revised rate of Rs. 10.70 w.e.f. 01.01.2009. Reported revised rate under examination
		17	Zee Premier	11.98	As on 01.12.2007, rate of the channel was Rs. 11.20 Reported revised rate of Rs. 11.98 w.e.f. 01.01.2009. Reported revised rate under examination
		18	Zee Sports	11.13	As on 01.12.2007, rate of the channel was Rs. 10.40 Reported revised rate of Rs. 11.13 w.e.f. 01.01.2009. Reported revised rate under examination.
		19	Zee Telugu	11.13	As on 01.12.2007, rate of the channel was Rs. 10.40 Reported revised rate of Rs. 11.13 w.e.f. 01.01.2009. Reported revised rate under examination.

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
		20	Zee Kannada	07.98	As on 01.12.2007, rate of the channel was Rs. 7.46 Reported revised rate of Rs. 07.98 w.e.f. 01.01.2009. Reported revised rate under examination.
		21	Play TV	04.28	As on 01.12.2007, rate of the channel was Rs. 4.00 Reported revised rate of Rs. 04.28 w.e.f. 01.01.2009. Reported revised rate under examination.
		22	ETC Punjabi	09.63	As on 01.12.2007, rate of the channel was Rs. 9.00 Reported revised rate of Rs. 09.63 w.e.f. 01.01.2009. Reported revised rate under examination.
		23	ETC	03.21	As on 01.12.2007, rate of the channel was Rs. 3.00 Reported revised rate of Rs. 03.21 w.e.f. 01.01.2009. Reported revised rate under examination.
		24	Zing*	05.35	As on 01.12.2007, rate of the channel was Rs. 5.00 Reported revised rate of Rs. 05.35 w.e.f. 01.01.2009. Reported revised rate under examination.
		25	Zee Jagran	02.14	As on 01.12.2007, rate of the channel was Rs. 2.00 Reported revised rate of Rs. 02.14 w.e.f. 01.01.2009. Reported revised rate under examination.
		26	Zee Smile	06.57	As on 01.12.2007, rate of the channel was Rs. 6.14 Reported revised rate of Rs. 06.57 w.e.f. 01.01.2009. Reported revised rate under examination.
		27	24 Ghante	06.42	As on 01.12.2007, rate of the channel was Rs. 6.00 Reported revised rate of Rs. 06.42 w.e.f. 01.01.2009. Reported revised rate under examination.
		28	24 Taas	09.09	As on 01.12.2007, rate of the channel was Rs. 8.50 Reported revised rate of Rs. 09.09 w.e.f. 01.01.2009. Reported revised rate under examination.
		29	Zee Talkies	16.58	As on 01.12.2007, rate of the channel was Rs. 15.50 Reported revised rate of Rs. 16.58 w.e.f. 01.01.2009. Reported revised rate under examination.
		30	Ten Sports	16.05	Till 31.03.2008, this channel was being distributed by M/s MSM Discovery India Private Limited. As on 01.12.2007, the rate of the channel was Rs. 15.00 Reported revised rate of Rs. 16.05 w.e.f. 01.01.2009. Reported revised rate under examination.

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
		31	WB	6.60	Launched on 15.03.2009
		32	REAL	13.00	Launched on 02.03.2009
		33	Zee 24 Ghantalu	5.60	Launched on 02.04.2009
		<p>Note:</p> <p>i) Channel "Reality TV" was distributed @ Rs. 1.50 upto 31.08.2008. The distribution of this channel ceased from 01.09.2008 for public viewing as downlinking permission was cancelled by Ministry of I&B.</p> <p>ii) As on 01.12.2007, Channel "Zee Next" was distributed @ Rs 20.00. The distribution of this channel suspended from 05.03.2009 for public viewing.</p> <p>iii) As on 01.12.2007, Channel "Zee Gujarati" was distributed @ Rs 01.50. The distribution of this channel discontinued from 01.06.2009.</p> <p>iv) * Prior to 01.05.2009, the name of the channel "Zing" was "Zee Music"</p>			
2	M/s MSM Discovery India Private Limited	34	SET(Sony Entertainment Television)	21.40	As on 01.12.2007, the rate of channel was Rs. 20.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 21.40 .
		35	MAX	18.19	As on 01.12.2007, rate of the channel was Rs. 17.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 18.19 .
		36	Discovery	16.05	As on 01.12.2007, rate of the channel was Rs. 15.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 16.05 .
		37	Animal Planet	05.35	As on 01.12.2007, rate of the channel was Rs. 5.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 5.35 .
		38	AXN	15.52	As on 01.12.2007, rate of the channel was Rs. 14.50 W.e.f. 01.01.2009, rate of the channel increased to Rs 15.52 .
		39	Animax	02.14	As on 01.12.2007, rate of the channel was Rs. 2.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 2.14 .
		40	Discovery Travel and Living	09.63	As on 01.12.2007, rate of the channel was Rs. 9.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 9.63 .
		41	SAB TV	14.70	As on 01.12.2007, rate of the channel was Rs. 13.74 W.e.f. 01.01.2009, rate of the channel increased to Rs 14.70 .

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
		42	SET PIX	12.84	As on 01.12.2007, rate of the channel was Rs. 12.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 12.84 .
		43	MTV	07.49	As on 01.12.2007, rate of the channel was Rs. 7.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 7.49 .
		44	NICK	06.42	As on 01.12.2007, rate of the channel was Rs. 6.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 6.42 .
		45	VH1	03.21	As on 01.12.2007, rate of the channel was Rs. 3.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 3.21 .
		46	NDTV 24X7	9.10	As on 01.12.2007, rate of the channel was Rs. 8.50 W.e.f. 01.01.2009, rate of the channel increased to Rs 9.10 .
		47	NDTV Profit	06.42	As on 01.12.2007, the rate of the channel was Rs. 6.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 6.42 .
		48	Aaj Tak	07.49	As on 01.12.2007, the rate of the channel was Rs. 7.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 7.49 .
		49	Headlines Today	03.21	As on 01.12.2007, the rate of the channel was Rs. 3.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 3.21 .
		50	Tez	02.14	As on 01.12.2007, the rate of the channel was Rs. 2.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 2.14 .
		51	COLORS	21.40	This channel was launched on 21.07.2008 and the rate of the channel was Rs 20.00. The channel was distributed by M/s Viacom 18 till 31.03.2009. W.e.f. 01.04.2009, rate of the channel increased to Rs 21.40.

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
		52	Channel 8	10.00	Earlier, "Channel 8" was distributed by M/s Bengla Entertainment Private Limited as a FTA channel. W.e.f. 01.04.2009, this channel was converted to Pay channel @ Rs 10.00.
3	M/s Channel Plus	53	SUN TV	12.40	
		54	Gemini TV	10.30	
		55	Udaya TV	11.50	
		56	K TV	15.00	
		57	Teja TV	05.30	
		58	Udaya Movies	14.40	
		59	Sun Music	07.00	
		60	Gemini Music	07.00	
		61	Sun News	01.40	
		62	Gemini News	07.50	
		63	Udaya Varthegalu	07.35	
		64	Navvulu TV *	17.00	
		65	Chintu TV	01.60	
		66	Ushe	15.00	
67	Kushi TV**	01.50			
<p>Note: Prior to 06.03.2009, channel "Adithya" was distributed @ Rs. 03.00. W.e.f. 06.03.2009, the channel "Adithya" has been converted from Pay to FTA. * Prior to 27.07.2009, the name of the channel "Navvulu" was "Gemini Cable Vision" ** Prior to 09.04.2009, the name of the channel "Kushi TV" was "Udaya News"</p>					
4.	M/s STAR DEN Media Services Private Limited The discounts if any, given on bouquet rate to existing affiliate(s) will also be extended to a-la-carte rate(s) in the same proportion as the discounted	68	Star Plus	18.73	As on 01.12.2007, rate of the channel was Rs. 17.50 W.e.f. 01.01.2009, rate of the channel increased to Rs 18.73 .
		69	Star Gold	17.66	As on 01.12.2007, rate of the channel was Rs. 16.50 W.e.f. 01.01.2009, rate of the channel increased to Rs 17.66 .
		70	Star Movies	17.66	As on 01.12.2007, rate of the channel was Rs. 16.50 W.e.f. 01.01.2009, rate of the channel increased to Rs 17.66 .
		71	Star World	04.87	As on 01.12.2007, rate of the channel was Rs. 4.55 W.e.f. 01.01.2009, rate of the channel increased to Rs 4.87 .

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
	bouquet rate.	72	Vijay TV	04.28	As on 01.12.2007, rate of the channel was Rs. 4.00 (Rs 11.80 in Tamilnadu) W.e.f. 01.01.2009, rate of the channel increased to Rs 4.28 (Rs 12.63 in Tamilnadu).
		73	NGC	06.15	As on 01.12.2007, rate of the channel was Rs. 5.75 W.e.f. 01.01.2009, rate of the channel increased to Rs 6.15 .
		74	The Fox History and Entertainment Channel	04.71	As on 01.12.2007, rate of the channel was Rs. 4.40 W.e.f. 01.01.2009, rate of the channel increased to Rs 4.71 .
		75	Channel (V)	01.07	As on 01.12.2007, rate of the channel was Rs. 1.00 W.e.f. 01.01.2009, rate of the channel increased to Rs 1.07 .
		76	Star One	21.94	As on 01.12.2007, rate of the channel was Rs. 20.50 W.e.f. 01.01.2009, rate of the channel increased to Rs 21.94 .
		77	The Disney Channel	09.52	As on 01.12.2007, rate of the channel was Rs. 8.90 W.e.f. 01.01.2009, rate of the channel increased to Rs 9.52 .
		78	Toon Disney	09.52	As on 01.12.2007, rate of the channel was Rs. 8.90 W.e.f. 01.01.2009, rate of the channel increased to Rs 9.52 .
			79	Hungama	08.35
		80	Times Now	09.10	As on 01.12.2007, rate of the channel was Rs. 8.50 W.e.f. 01.01.2009, rate of the channel increased to Rs 9.10 .
		81	Zoom	08.35	As on 01.12.2007, rate of the channel was Rs. 7.80 W.e.f. 01.01.2009, rate of the channel increased to Rs 8.35 .
		82	CNBC TV 18	9.10	These channels were distributed by M/s Zee Turner

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
		83	CNN-IBN	5.35	<p>Limited upto 31.03.2008 at a-la-carte rate of Rs 7.50 (CNBC TV 18), Rs 2.00 (CNN-IBN) & Rs 3.50 (CNBC Awaaz) respectively. M/s Star Den started distributing these channels w.e.f. 01.04.2008 at a-la-carte rate of Rs 08.50 (CNBC TV 18), Rs 05.00 (CNN IBN) and Rs 04.50 (CNBC Awaaz). M/s Star Den has been directed vide TRAI's Direction dated 28.08.2008 to reduce the a-la-carte rates of these channels from the reported level to Rs 7.50 (CNBC TV 18), Rs 2.00 (CNN-IBN) & Rs 3.50 (CNBC Awaaz). Broadcaster has approached Hon'ble TDSAT against this direction vide Appeal No 11(C) of 2008. M/s Star Den has given an undertaking to Hon'ble TDSAT during the course of the hearing on October 1, 2008 for a-la-carte offering of the channels. The relevant extract of the interim order dated 1st October, 2008 is as under:-</p> <p>"....The learned counsel for the appellant adds without prejudice to the rights and contentions in the present appeal that if, in the meanwhile, any party wants to opt for a-la-carte, the appellant will give only the rates specified at page 58 para -7 of the paper book".</p> <p>The a-la-carte rates specified at page 58 para -7 of the paper book are as under:-</p> <ol style="list-style-type: none"> 1) 7.50 (CNBC TV 18) 2) 2.00 (CNN-IBN) 3) 3.50 (CNBC Awaaz)
		84	CNBC Awaaz	4.82	<p>The matter was heard on 18.02.2009 by the Hon'ble TDSAT and the appeal has been disposed of by the Hon'ble TDSAT by passing following order:</p> <p>"In view of the judgement of this Tribunal dated 15.01.2009, the appeal does not survive".</p> <p>TRAI has filed an appeal in the Hon'ble Supreme Court of India against the order of Hon'ble TDSAT judgement dated 15.01.2009. Matter is sub-judice.</p> <p>W.e.f. 01.01.2009, rate of the channels increased to Rs 9.10 (CNBC TV 18), Rs 5.35 (CNN-IBN) & Rs 4.82 (CNBC Awaaz) .</p>
		85	The MGM	6.42	<p>M/s Star Den has started distributing this channel w.e.f. 15.09.2008 @ Rs. 6.00</p>

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
					W.e.f. 01.01.2009, rate of the channel increased to Rs 6.42 .
5.	M/s Ushodaya Enterprises Private Limited	86	ETV	10.00	
		87	ETV 2	05.60	
		88	ETV Bangla	10.40	
		89	ETV Marathi	10.40	
		90	ETV Kannada	10.40	
		91	ETV Gujarathi	10.40	
		92	ETV Oriya	10.40	
		93	ETV UP	10.40	Converted from FTA to pay channel w.e.f. 12.05.2008.
		94	ETV Bihar	10.40	Converted from FTA to pay channel w.e.f. 12.05.2008.
		95	ETV Urdu	10.40	Converted from FTA to pay channel w.e.f. 12.05.2008.
		96	ETV Rajasthan	10.40	Converted from FTA to pay channel w.e.f. 12.05.2008.
97	ETV MP	10.40	Converted from FTA to pay channel w.e.f. 12.05.2008.		
6.	M/s UTV Global Broadcasting Limited	98	Bindass	10.00	
		99	Bindass Movies	10.00	
		100	World Movies	10.00	Launch of channel reported vide letter dated 11.02.2008
		101	UTV Movies	15.00	Launch of channel reported vide letter dated 11.03.2008
		102	UTVi	08.50	Launch of channel reported vide letter dated 02.04.2008
7.	M/s BBC World (India) Private Limited	103	BBC World	05.00	
8.	M/s BBC Worldwide Channels Private Limited	104	BBC Entertainment	06.50	Prior to 01.07.2009, these channels were distributed by M/s BBC World (India) Private Limited
		105	Cbeebies	06.50	
9.	M/s ESPN Software India Private Limited	106	ESPN	33.13	

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
		107	Star Sports	33.13	
		108	Star Cricket	28.00	
10.	M/s Raj Television Limited	109	Raj TV	11.77	As on 01.12.2007, rate of the channel was Rs. 11.00 (Rs. 7.72 in Andhra Pradesh). W.e.f. 01.01.2009, rate of the channel to Rs 11.77(Rs 8.26 in Andhra Pradesh).
		110	Raj Digital Plus	08.26	As on 01.12.2007, rate of the channel was Rs. 7.72 (Rs 4.68 in Andhra Pradesh) W.e.f. 01.01.2009, rate of the channel increased to Rs 8.26 (Rs 5.01 in Andhra Pradesh) .
		111	Vissa TV	05.01	As on 01.12.2007, rate of the channel was Rs. 4.68 (Rs. 11.00 in Andhra Pradesh) W.e.f. 01.01.2009, rate of the channel increased to Rs 5.01 (Rs 11.77 in Andhra Pradesh).
11	M/s INX Media Private Limited	112	9XM	07.00	
		113	9X	20.50	
12	M/s INX News Private Limited	114	NewsX	08.50	Channel launched channel on 27.03.2008. Prior to 04.05.2009, the channel was distributed by M/s INX Media Private Limited.
13.	M/s Neo Sports Broadcast Private Limited	115	NEO Cricket	35.45	As on 01.12.2007, rate of the channel was Rs. 33.13 W.e.f. 01.01.2009, rate of the channel increased to Rs 35.45.
		116	NEO Sports	26.60	As on 01.12.2007, rate of the channel was Rs. 24.87 W.e.f. 01.01.2009, rate of the channel increased to Rs 26.60.
14.	M/s NDTV Imagine	117	NDTV 'Imagine'	20.50	Channel Launched on 21.01.2008
		118	NDTV Lumiere	15.00	Channel Launched on 10.10.2008
		119	NDTV Showbiz	8.00	Channel Launched on 15.08.2008
15	New Delhi Television Ltd	120	NDTV Good Times	09.63	This channel was converted from FTA to Pay channel w.e.f 03.05.2008 @ Rs 9.00. W.e.f 01.07.2009, rate of the channel increased to Rs 9.63.

S. No	Name of the Broadcaster	S.No	Name of the channel	Reported Rates(in INR)	Remarks
16.	M/s Mega Reach	121	Firangi	15.00	Channel Launched on 25.02.2008
		122	Sahara One	20.50	Converted from FTA to Pay W.e.f. 06.06.2008
		123	Filmy	16.50	Converted from FTA to Pay W.e.f. 06.06.2008
17.	M/s B4U Television Network (India) Private Limited	124	B4U Movies	06.00	
18.	M/s MAA Television Network Limiter	125	MAA TV	06.00	As on 01.12.2007, the rate of the channel was Rs. 5.50 W.e.f. 01.08.2009, rate of the channel increased to Rs 6.00.
		126	MAA Music	07.50	As on 01.01.2008, the rate of the channel was Rs. 7.00 W.e.f. 01.08.2009, rate of the channel increased to Rs 7.50.
19.	M/s TV Today Network Limited	127	Dilli Aaj Tak	08.50	
20.	M/s Allied Infotainment Distribution Private Limited	128	E-24	15.00	Channel Launched on 27.03.2008
21	M/s Turner International India Private Limited	129	Boomerang	10.00	
		130	TCM Turner Classic Movies	10.00	
22	M/s Fox Channels (India) Private Ltd	131	FX	15.50	Newly launched channel w.e.f. 31.03.2009
		132	FOX CRIME	15.50	Newly launched channel w.e.f. 31.03.2009
		133	BABY TV	13.25	Newly launched channel w.e.f. 31.03.2009
23	M/s Orissa Television Ltd	134	TARANG	10.00	Channel Launched on . 06.11.2008
		135	TARANG MUSIC	5.00	Newly launched channel w.e.f. 01.04.2009
24	M/s Times Global Broadcasting Company Limited	136	ET NOW	8.50	Newly launched channel w.e.f. 27.06.2009.

Annexure 12: List of operationalised private FM Radio Stations in India

[As on 30/06/2009]

S.No	City	Name of the Company	Date of Operationalisation
1	DELHI	CLEAR MEDIA	01.09.2006
2	DELHI	DIGITAL RADIO	29.04.2003
3	DELHI	E.N.I.L.	29.04.2003
4	DELHI	H.T. MUSIC	30.10.2006
5	DELHI	M.B.P.L.	29.04.2003
6	DELHI	RADIO MID-DAY	23.09.2006
7	DELHI	RADIO TODAY BROADCASTING LTD	28.05.2007
8	DELHI	ADLABS FILMS	24-09-2006
9	MUMBAI	ADLABS FILMS	14.11.2006
10	MUMBAI	DIGITAL RADIO	29.04.2002
11	MUMBAI	E.N.I.L.	29.04.2002
12	MUMBAI	H.T. MUSIC	15.01.2007
13	MUMBAI	M.B.P.L.	21.05.2002
14	MUMBAI	RADIO TODAY BROADCASTING LTD	26.01.2008
15	MUMBAI	RADIO MID-DAY	29.04.2003
16	KOLKATA	ADLABS FILMS	21.10.2006
17	KOLKATA	RADIO TODAY BROADCASTING LTD	04.10.2007
18	KOLKATA	ANANDA OFFSET	28.02.2007
19	KOLKATA	DIGITAL RADIO	03.05.2003
20	KOLKATA	E.N.I.L.	03.05.2003
21	KOLKATA	HITZ FM	03.05.2003
22	KOLKATA	INDIA FM	03.05.2003
23	KOLKATA	H.T. MUSIC	23.01.2008
24	CHENNAI	ADLABS FILMS	27.09.2006
25	CHENNAI	E.N.I.L.	05.05.2003
26	CHENNAI	M.B.P.L.	10.07.2006
27	CHENNAI	MALAR PUBLICATIONS	02.10.2006
28	CHENNAI	MUTHOOT FINANCE	04.01.2008
29	CHENNAI	NOBLE BROADCASTING	18.01.2007
30	CHENNAI	RADIO MID-DAY	10.01.2007
31	CHENNAI	SUN TV	05.05.2003
32	AGARTALA	POSITIVE RADIO	07.08.2007
33	AGRA	ADLABS FILMS	18.08.2007
34	AGRA	PAN INDIA	28.05.2008
35	AGRA	SHRI PURAN MULTIMEDIA	08.07.2007
36	AHMEDABAD	E.N.I.L.	10.12.2001
37	AHMEDABAD	M.B.P.L.	25.07.2007
38	AHMEDABAD	RADIO MID-DAY	26.08.2007
39	AHMEDABAD	SOUTH ASIA	20.04.2008
40	AHMEDABAD	SYNERGY MEDIA	21.07.2007
41	AHMEDNAGAR	B.A.G. INFOTAINMENT	01.03.2008
42	AHMEDNAGAR	M.B.P.L.	07.02.2008
43	AJMER	ADLABS FILMS	28/08/2007
44	AJMER	KUSHAL GLOBAL	12.09.2007

S.No	City	Name of the Company	Date of Operationalisation
45	AJMER	SYNERGY MEDIA	31.08.2007
46	AKOLA	M.B.P.L.	13.03.2008
47	ALIGARH	ADLABS FILMS	08.12.2006
48	ALLAHABAD	ADLABS FILMS	29.10.2007
49	ALLAHABAD	PAN INDIA	29.05.2008
50	ALLAHABAD	SOUTH ASIA	18.03.2008
51	AMRITSAR	ADLABS FILMS	01.08.2007
52	AMRITSAR	PAN INDIA	26.01.2008
53	AMRITSAR	RADIO TODAY BROADCASTING LTD	15.05.2008
54	AMRITSAR	SYNERGY MEDIA	27-7-2007
55	ASANSOL	ADLABS FILMS	29.06.2007
56	ASANSOL	SOUTH ASIA	03.06.2008
57	AURANGABAD	E.N.I.L.	24.07.2007
58	AURANGABAD	SOUTH ASIA	21.04.2008
59	BANGALORE	ADLABS FILMS	09.10.2006
60	BANGALORE	E.N.I.L.	17.04.2006
61	BANGALORE	H.T. MUSIC	06.03.2007
62	BANGALORE	INDIA RADIO VENTURES	01.10.2006
63	BANGALORE	KAL RADIO	06.11.2006
64	BANGALORE	M.B.P.L.	10.06.2001
65	BANGALORE	RADIO MID-DAY	01.08.2006
66	BAREILY	ADLABS FILMS	30.03.2007
67	BAREILY	SHRI PURAN MULTIMEDIA	09.04.2007
68	BHOPAL	ADLABS FILMS	20.05.2007
69	BHOPAL	E.N.I.L.	26.05.2007
70	BHOPAL	SOUTH ASIA	06.11.2007
71	BHOPAL	SYNERGY MEDIA	26.05.2007
72	BHUBANESHWAR/ CUTTAK	ADLABS FILMS	14.04.2007
73	BHUBANESHWAR/ CUTTAK	EASTERN MEDIA	04.05.2007
74	BHUBANESHWAR/ CUTTAK	SOUTH ASIA	28.06.2007
75	BIKANER	ADLABS FILMS	19.01.2007
76	BILASPUR	SYNERGY MEDIA	27.09.2007
77	CHANDIGARH	ADLABS FILMS	12.02.2007
78	CHANDIGARH	SYNERGY MEDIA	19.02.2007
79	COCHIN	KAL RADIO	17.05.2008
80	COCHIN	MALAYALLA MANORAMA	18.05.2008
81	COCHIN	THE MATHRABHUMI	17.05.2008
82	COIMBATORE	E.N.I.L.	03.11.2007
83	COIMBATORE	M.B.P.L.	12.11.2007
84	COIMBATORE	MALAR PUBLICATIONS	29.10.2007
85	COIMBATORE	SUN TV	07.03.2003
86	DHULE	B.A.G. INFOTAINMENT	15.08.2007
87	GANGTOK	CHINAR CIRCUITS	10.08.2008
88	GANGTOK	PCM CEMENTS	31.01.2009
89	GORAKHPUR	SHRI PURAN MULTIMEDIA	03.06.2007
90	GULBERGA	KAL RADIO	02.06.2008
91	GUWAHATI	ADLABS FILMS	14.04.2007

S.No	City	Name of the Company	Date of Operationalisation
92	GUWAHATI	POSITIVE RADIO	13.04.2007
93	GUWAHATI	PURVY BROADCASTING	09.10.2007
94	GUWAHATI	SOUTH ASIA	11.04.2008
95	GWALIOR	ADLABS FILMS	06.08.2007
96	GWALIOR	GWALIOR FARMS	04.08.2007
97	GWALIOR	ITM SOFTWARE	07.09.2007
98	GWALIOR	SYNERGY MEDIA	06.08.2007
99	HISSAR	ADLABS FILMS	02.03.2007
100	HISSAR	B.A.G. INFOTAINMENT	18.06.2007
101	HISSAR	SHRI PURAN MULTIMEDIA	21.03.2007
102	HISSAR	SINGLA PROPERTY	17.03.2007
103	HYDERABAD	ADLABS FILMS	25.09.2006
104	HYDERABAD	E.N.I.L.	19.04.2006
105	HYDERABAD	KAL RADIO	06.11.2006
106	HYDERABAD	M.B.P.L.	30.05.2006
107	INDORE	ADLABS FILMS	03.08.2007
108	INDORE	E.N.I.L.	01.10.2001
109	INDORE	SOUTH ASIA	09.12.2007
110	INDORE	SYNERGY MEDIA	11.08.2007
111	ITANAGAR	POSITIVE RADIO	05.08.2008
112	JABALPUR	B.A.G. INFOTAINMENT	01.03.2008
113	JABALPUR	E.N.I.L.	15.02.2008
114	JABALPUR	SOUTH ASIA	19.03.2008
115	JABALPUR	SYNERGY MEDIA	15.02.2008
116	JAIPUR	E.N.I.L.	17.04.2006
117	JAIPUR	M.B.P.L.	08.09.2006
118	JAIPUR	RAJASTHAN PATRIKA	15.08.2006
119	JAIPUR	SOUTH ASIA	06.11.2006
120	JAIPUR	SYNERGY MEDIA	28.05.2006
121	JALANDHAR	ADLABS FILMS	14.04.2007
122	JALANDHAR	E.N.I.L.	24.04.2007
123	JALANDHAR	SHRI PURAN MULTIMEDIA	14.04.2007
124	JALANDHAR	SYNERGY MEDIA	19.04.2007
125	JALGOAN	B.A.G. INFOTAINMENT	22.04.2008
126	JALGOAN	M.B.P.L.	21.05.2008
127	JAMMU	ADLABS FILMS	07.12.2006
128	JAMSHED PUR	ADLABS FILMS	07.11.2007
129	JAMSHED PUR	SOUTH ASIA	13.04.2008
130	JAMSHED PUR	NEUTRAL PUBLICATION	18.07.2008
131	JHANSI	ADLABS FILMS	19.01.2007
132	JODHPUR	ADLABS FILMS	14.12.2007
133	JODHPUR	KUSHAL GLOBAL	14.12.2007
134	JODHPUR	RADIO TODAY BROADCASTING LTD	01.06.2008
135	JODHPUR	SYNERGY MEDIA	20.12.2007
136	KANNUR	ASIANET COMMUNICATION	13.01.2008
137	KANNUR	KAL RADIO	12.03.2008
138	KANNUR	MALAYALLA MANORAMA	30.12.2007
139	KANNUR	THE MATHRABHUMI	30.12.2007
140	KANPUR	ADLABS FILMS	14.06.2007

S.No	City	Name of the Company	Date of Operationalisation
141	KANPUR	E.N.I.L.	16.06.2007
142	KANPUR	SOUTH ASIA	28.01.2008
143	KARNAL	B.A.G. INFOTAINMENT	18.06.2007
144	KARNAL	SHRI PURAN MULTIMEDIA	02.04.2007
145	KOLHAPUR	E.N.I.L.	18.09.2007
146	KOLHAPUR	PUDHARI PUBLICATION	21.09.2007
147	KOLKATA	RADIO MID-DAY	12.12.2008
148	KOTA	ADLABS FILMS	21.01.2008
149	KOTA	RAJASTHAN PATRIKA	25.02.2008
150	KOTA	SYNERGY MEDIA	02.02.2008
151	KOZIKODE	KAL RADIO	07.12.2007
152	KOZIKODE	MALAYALLA MANORAMA	29.11.2007
153	LUCKNOW	E.N.I.L.	13.08.2007
154	LUCKNOW	M.B.P.L.	10.12.2001
155	LUCKNOW	SOUTH ASIA	06.11.2007
156	MADURAI	E.N.I.L.	28-09.2007
157	MADURAI	KAL RADIO	05.10.2007
158	MADURAI	MALAR PUBLICATIONS	01.10.2007
159	MANGALORE	ADLABS FILMS	24.11.2007
160	MANGALORE	E.N.I.L.	24.11.2007
161	MANGALORE	KAL RADIO	21.02.2008
162	MUZAFFARPUR	B.A.G. INFOTAINMENT	01.08.2007
163	MYSORE	ADLABS FILMS	14.10.2007
164	MYSORE	KAL RADIO	07.12.2007
165	NAGPUR	E.N.I.L.	18.10.2007
166	NAGPUR	M.B.P.L.	21.10.2007
167	NAGPUR	SOUTH ASIA	04.05.2008
168	NAGPUR	SYNERGY MEDIA	21.10.2007
169	NANDED	M.B.P.L.	15.05.2008
170	NASIK	E.N.I.L.	06.07.2007
171	NASIK	SOUTH ASIA	16.04.2008
172	PANAJI	ADLABS FILMS	22.05.2007
173	PANAJI	E.N.I.L.	22.05.2007
174	PANAJI	INDIA RADIO VENTURES	25.06.2007
175	PATIALA	ADLABS FILMS	01.08.2007
176	PATIALA	B.A.G. INFOTAINMENT	18.06.2007
177	PATIALA	PAN INDIA	26.01.2008
178	PATIALA	RADIO TODAY BROADCASTING LTD	01.06.2008
179	PATNA	E.N.I.L.	02.04.2007
180	PONDICHERRY	ADLABS FILMS	01.12.2007
181	PONDICHERRY	KAL RADIO	20.12.2007
182	PONDICHERRY	MALAR PUBLICATIONS	22.12.2007
183	PUNE	E.N.I.L.	18.10.2002
184	PUNE	M.B.P.L.	06.04.2008
185	PUNE	RADIO MID-DAY	12.05.2008
186	PUNE	SOUTH ASIA	22.07.2008
187	RACHI	ADLABS FILMS	24.10.2007
188	RACHI	B.A.G. INFOTAINMENT	15.11.2007
189	RACHI	SHRI PURAN MULTIMEDIA	27.10.2007

S.No	City	Name of the Company	Date of Operationalisation
190	RACHI	NEUTRAL PUBLICATION	18.07.2008
191	RAIPUR	E.N.I.L.	11.01.2008
192	RAIPUR	RAJASTHAN PATRIKA	10.02.2009
193	RAIPUR	RANEKA FINCOM	15.01.2008
194	RAIPUR	SYNERGY MEDIA	16.01.2008
195	RAJAHMUNDRY	KAL RADIO	19.01.2008
196	RAJKOT	ADLABS FILMS	13.06.2007
197	RAJKOT	E.N.I.L.	13.06.2007
198	RAJKOT	SOUTH ASIA	18.04.2008
199	ROURKELA	ADLABS FILMS	06.01.2008
200	ROURKELA	EASTERN MEDIA	22.01.2008
201	SANGLI	M.B.P.L.	08.02.2008
202	SHILONG	POSITIVE RADIO	16.10.2007
203	SHILONG	SOUTH ASIA	13.06.2008
204	SHOLAPUR	ADLABS FILMS	08.11.2007
205	SHOLAPUR	M.B.P.L.	14.11.2007
206	SILIGURI	CHINAR CIRCUITS	12.03.2008
207	SILIGURI	PCM CEMENTS	14.11.2007
208	SILIGURI	SYNTECH INFORMATICS	24.11.2007
209	SILIGURI	SOUTH ASIA	25.10.2008
210	SRI-NAGAR	ADLABS FILMS	10.12.2006
211	SURAT	ADLABS FILMS	29.08.2007
212	SURAT	E.N.I.L.	21.08.2007
213	SURAT	SYNERGY MEDIA	27.08.2007
214	SURAT	M.B.P.L.	22.08.2007
215	THIRUVANANTHA PURAM	ADLABS FILMS	29.01.2008
216	THIRUVANANTHA PURAM	E.N.I.L.	29.01.2008
217	THIRUVANANTHA PURAM	KAL RADIO	06.02.2008
218	THIRUVANANTHA PURAM	THE MATHRABHUMI	29.01.2008
219	THRISSUR	ASIANET COMMUNICATION	23.12.2007
220	THRISSUR	KAL RADIO	26.12.2007
221	THRISSUR	MALAYALLA MANORAMA	14.12.2007
222	THRISSUR	THE MATHRABHUMI	14.12.2007
223	TIRUCHI	KAL RADIO	17.01.2008
224	TIRUCHI	MALAR PUBLICATIONS	14.01.2008
225	TIRUNELVELI	MALAR PUBLICATIONS	13.10.2007
226	TIRUNELVELI	SUN TV	07.03.2003
227	TIRUPATI	ADLABS FILMS	01.08.2007
228	TIRUPATI	KAL RADIO	27.08.2007
229	TUTICORIN	KAL RADIO	05.10.2007
230	TUTICORIN	MALAR PUBLICATIONS	15.10.2007
231	UDAIPUR	ADLABS FILMS	03.08.2007
232	UDAIPUR	RAJASTHAN PATRIKA	27.08.2007
233	UDAIPUR	SYNERGY MEDIA	07.07.2007
234	VADODARA	ADLABS FILMS	05.06.2007
235	VADODARA	E.N.I.L.	05.06.2007

S.No	City	Name of the Company	Date of Operationalisation
236	VADODARA	M.B.P.L.	11.06.2007
237	VADODARA	SOUTH ASIA	17.04.2008
238	VARANASI	E.N.I.L.	14.07.2007
239	VARANASI	PAN INDIA	29.05.2008
240	VARANASI	SHRI PURAN MULTIMEDIA	20.07.2007
241	VARANASI	SOUTH ASIA	29.12.2007
242	VIJAYWADA	E.N.I.L.	11.12.2007
243	VIJAYWADA	KAL RADIO	25.12.2007
244	VISHAKAPATNAM	ADLABS FILMS	27.10.2007
245	VISHAKAPATNAM	E.N.I.L.	26.10.2007
246	VISHAKAPATNAM	M.B.P.L.	29.10.2007
247	VISHAKAPATNAM	UDAYA TV	06.02.2003
248	WARANGAL	KAL RADIO	28.05.2008

Source: Website of Ministry of Information & Broadcasting as on 30.06.2009

Annexure 13: List of applicants who have been granted DTH License

- 1. M/s. Tata Sky Ltd.,**
3rd Floor, Bombay Dyeing A.O. Building,
Pandurang Budhkar Marg, Worli,
Mumbai – 400 025
Tel: 022-6613 3000
Fax-022-6613 3030/6616 3013
- 2. M/s Dish TV India Ltd.**
FC-19, Sector-16A, Film City,
Noida-201301
Tel: 91-120-2511064-78
Fax: 91-120-2511186
- 3. SUN Direct TV(P) Ltd.**
4/1017, 3rd Cross Street, 9th Link, Nehru Nagar,
Kottivakkam, Chennai-600 041
Tel: 044-4341 1434
Fax: 044-4341 1010
- 4. Bharti Telemedia Ltd.**
Unitech World Cyber Park
Tower-B, 8th Floor
Sector -39, Gurgaon – 122 001
Tel: 95124-424 4000
Fax: 95124-424 4282
- 5. Reliance Big TV Pvt. Ltd.**
BHQ, 4th Floor,
Dhirubai Ambani Knowledge City
Navi Mumbai- 400 710
Fax: 022-3037 1099
- 6. M/s Bharat Business Channel Ltd.**
12th Floor, Videocon Tower
Block E-1, Jhandewalan Extension
New Delhi – 110 055
Tel: 41593100/41593114
Fax; 41593150

Annexure 14: List of companies permitted by Ministry of I&B to set up teleports at various locations in India

[As on 30/06/2009]

S.No	City	Name of the Company
1	New Delhi	M/s TV Today Network Limited
2	Greater Noida	M/s Jain Studios Limited
3	Chennai	M/s Sun TV Network Limited
4	Mumbai	M/s Entertainment Television Network Limited
5	Hyderabad	M/s Ushodaya Enterprises Limited
6	NOIDA, Mumbai, Aroor (Kerala)	M/s Essel Shyam Communications Limited
7	Thiruvananthapuram (Kerala)	M/s Asianet Communications Limited
8	NOIDA	M/s Sahara Sanchar Limited
9	New Delhi, Mumbai, NOIDA	M/s Television Eighteen India Limited
10	New Delhi	M/s New Delhi Television Limited
11	Kochi (Kerala)	M/s Indiavision Satellite Communications Ltd
12	Greater Noida	M/s Noida Software Technology Park Ltd
13	NOIDA	M/s DISH TV
14	Guwahati, Noida	M/s Positiv Television Private Ltd
15	Mumbai	M/s Channel Guide India Ltd
16	Chennai	M/s Coxswain Technologies Limited
17	NOIDA	M/s Independent News Service Pvt Limited
18	Gurgaon, Kolkata, Chennai, Hyderabad, Noida	M/s Indiasign Private Limited
19	Hyderabad	M/s Associated Broadcasting Co Private Limited
20	Bhopal	M/s A V Entertainment Private Limited
21	Thiruvananthapuram	M/s Amrita Enterprises Private Limited
22	Chennai	M/s Mavis Satcom Limited
23	New Delhi, Mumbai, Chennai, Kolkata, Cochin, Chennai	M/s Videsh Sanchar Nigam Ltd
24	Mumbai	M/s Lamhas Satellite Services Limited
25	Thiruvananthapuram	M/s Malayalam Communications Limited
26	Mumbai	M/s Sanskar Info TV Private Limited
27	Mumbai	M/s Bennett, Coleman & Co Limited
28	New Delhi	M/s Senior Media Limited
29	Ahmedabad	M/s Lok Prakashan Limited
30	Kolkata	M/s Calcutta Television Network Pvt Ltd
31	Rajpura (Punjab)	M/s Kohinoor Broadcasting Corpn Ltd
32	Bhubaneshwar	M/s Kamyab TV Private Limited
33	Bangalore	M/s Kasthuri Media's Private Limited
34	Kolkata	M/s SST Media Private Limited
35	Alapuzza	M/s MM TV Limited
36	Hyderabad	M/s IN Cablenet (Andhra) Limited
37	Hyderabad	M/s Indira Television Limited
38	New Delhi	M/s Tata Sky Limited

39	NOIDA	M/s Media Content & Communications Services (India) Private Limited
40	Bangalore	M/s Satish Sugars Limited
41	Delhi	M/s MH One TV Network Limited
42	New Delhi	M/s S TV Enterprises Limited
43	Surat	M/s AIRR X Media Limited
44	New Delhi	M/s Broadcast Equipment (India) Private Ltd
45	Hyderabad	M/s Winning Edge Communications Limited
46	Hyderabad	M/s Rachna Television Private Limited
47	Bhubneshwar	M/s Ortel Communications Limited
48	Hyderabad	M/s Sowbhagya Exports Limited
49	NOIDA	M/s Pragya Vision Private Limited
50	Guwahati	M/s Brahmaputra Tele-Productions Pvt Limited
51	New Delhi	M/s G-Next Media Private Limited
52	Bhubaneshwar	M/s Eastern Media Limited
53	Jaipur	M/s Rajasthan Patrika Private Limited
54	Guwahati	M/s Pride East Entertainment Private Limited
55	New Delhi	M/s Vintage Studio Private Limited
56	NOIDA	M/s Skyline TeleMedia Private Limited
57	NOIDA	M/s Information TV Private Limited
58	Mumbai	M/s Unilazer Export & Management Consultants Limited

Source: Ministry of Information & Broadcasting