

Information Note to the Press (Press Release No. 47/2011)

TELECOM REGULATORY AUTHORITY OF INDIA

New Delhi, 9th September, 2011

For Immediate release

Website: - www.trai.gov.in

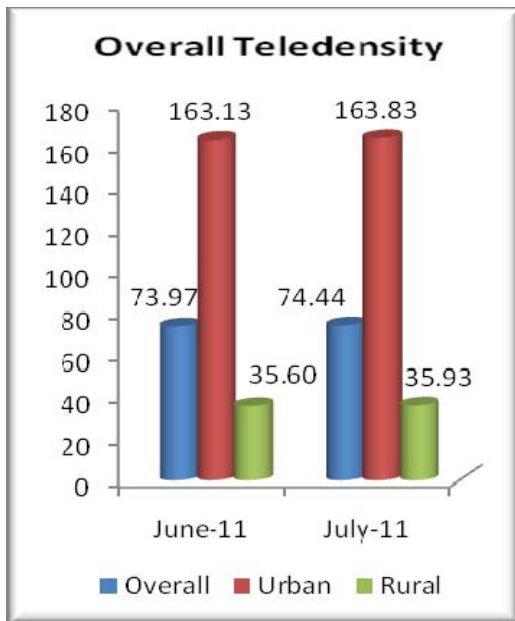
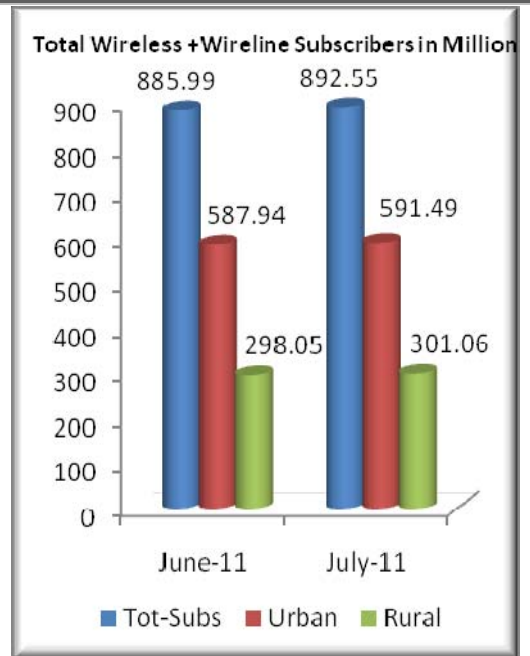
Highlights of Telecom Subscription Data as on 31st July, 2011

Particulars	Wireless	Wireline	Total Wireless + Wireline
Total Subscribers (Million)	858.37	34.18	892.55
Total Net Addition (Million)	6.67	-0.11	6.56
% of Monthly Growth	0.78%	-0.33%	0.74%
Urban Subscribers (Million)	565.71	25.77	591.49
Urban Subscribers Net Addition (Million)	3.59	-0.05	3.54
% of Monthly Growth	0.64%	-0.19%	0.60%
Rural Subscribers (Million)	292.65	8.41	301.06
Rural Subscribers Net Addition (Million)	3.08	-0.07	3.01
% of Monthly Growth	1.05%	-0.77%	1.01%
Overall Teledensity	71.59	2.85	74.44
Urban Teledensity	156.69	7.14	163.83
Rural Teledensity	34.92	1.00	35.93
Share of Urban Subscriber	65.91%	75.40%	66.27%
Share of Rural Subscriber	34.09%	24.60%	33.73%

- ❖ **Mobile Number Portability requests increase from 129.85 lakh subscribers at the end of June 2011 to 155.48 lakh subscribers at the end of July 2011.**
- ❖ **Active wireless subscribers on the date of peak VLR in July- 2011 are 601.73 Million.**
- ❖ **Broadband subscription reaches 12.50 Million in July-2011 from 12.32 Million in June-2011.**

❖ **Total Telephone Subscribers**

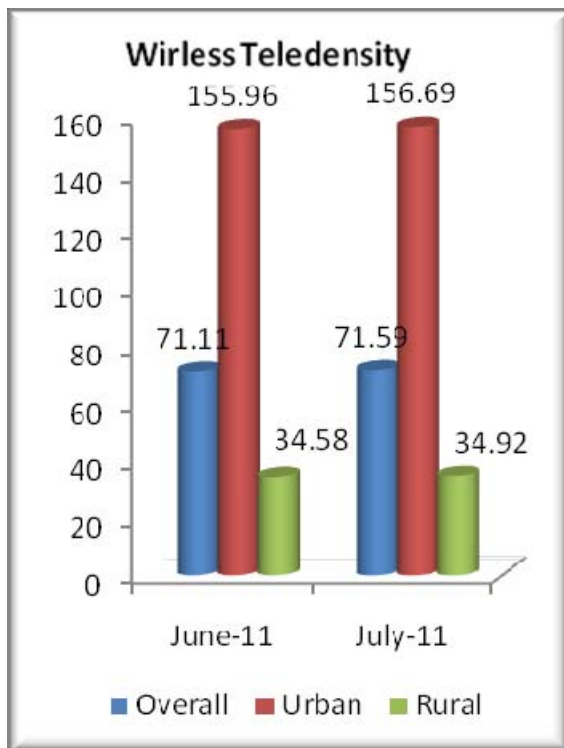
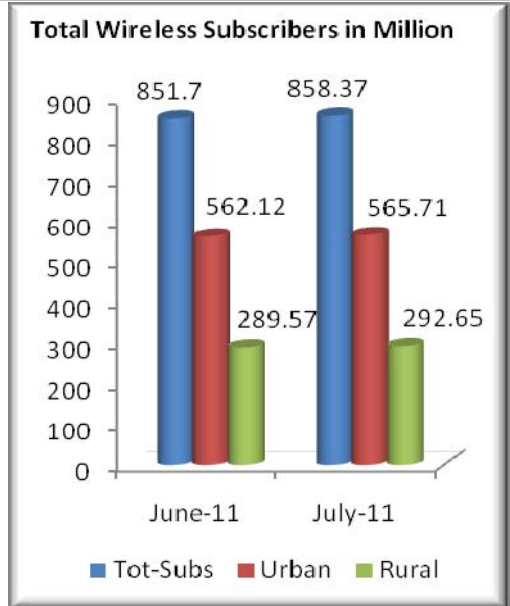
The number of telephone subscribers in India increased to **892.55** Million at the end of July, 2011 from 885.99 Million at the end of June 2011, thereby registering a growth rate of 0.74%. The share of Urban Subscriber has marginally declined to 66.27% from 66.36% whereas share of Rural Subscribers has marginally increased from 33.64% to 33.73%. With this, **the overall Teledensity in India reaches to 74.44 at the end of July, 2011 from 73.97 of the previous month.**



Subscription in **Urban Areas** grew from 587.94 million in June 2011 to **591.49** million at the end of July 2011. **Rural subscription** increased from 298.05 million to **301.06** million. The growth of Rural Subscription (1.01%) is higher than the Urban Subscription (0.60%). **The overall Urban teledensity has increased from 163.13 to 163.83 and Rural teledensity increased from 35.60 to 35.93.**

❖ **Wireless Segment (GSM, CDMA & FWP)**

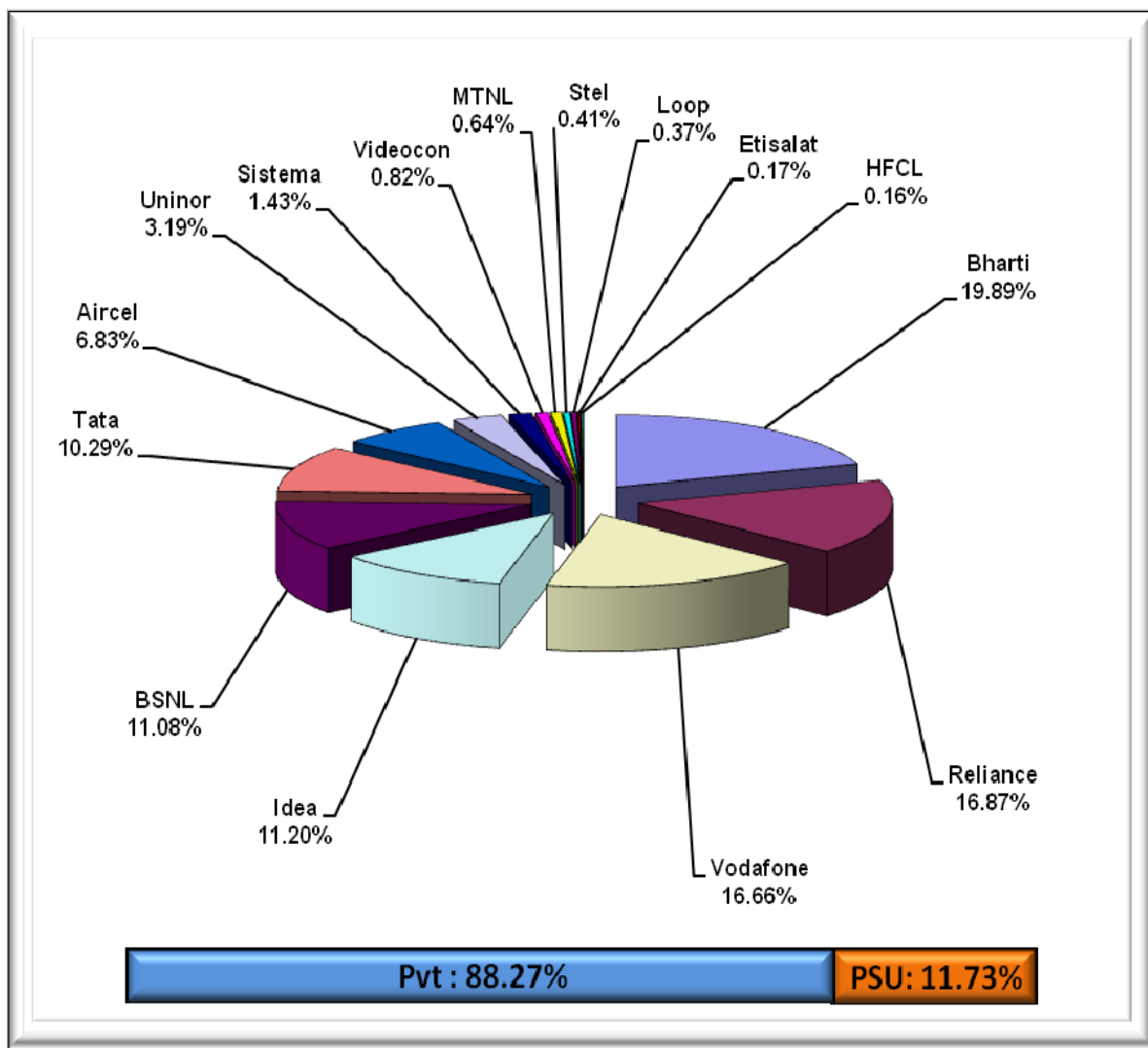
• Total Wireless subscriber base increased from 851.70 Million in June 2011 to **858.37** Million at the end of July 2011, registering a growth of 0.78%. The share of Urban Subscriber has marginally decreased to 65.91% from 66.00% where as share of Rural Subscribers has marginally increased from 34.00% to 34.09%. **The overall wireless Tele density in India reaches 71.59.**



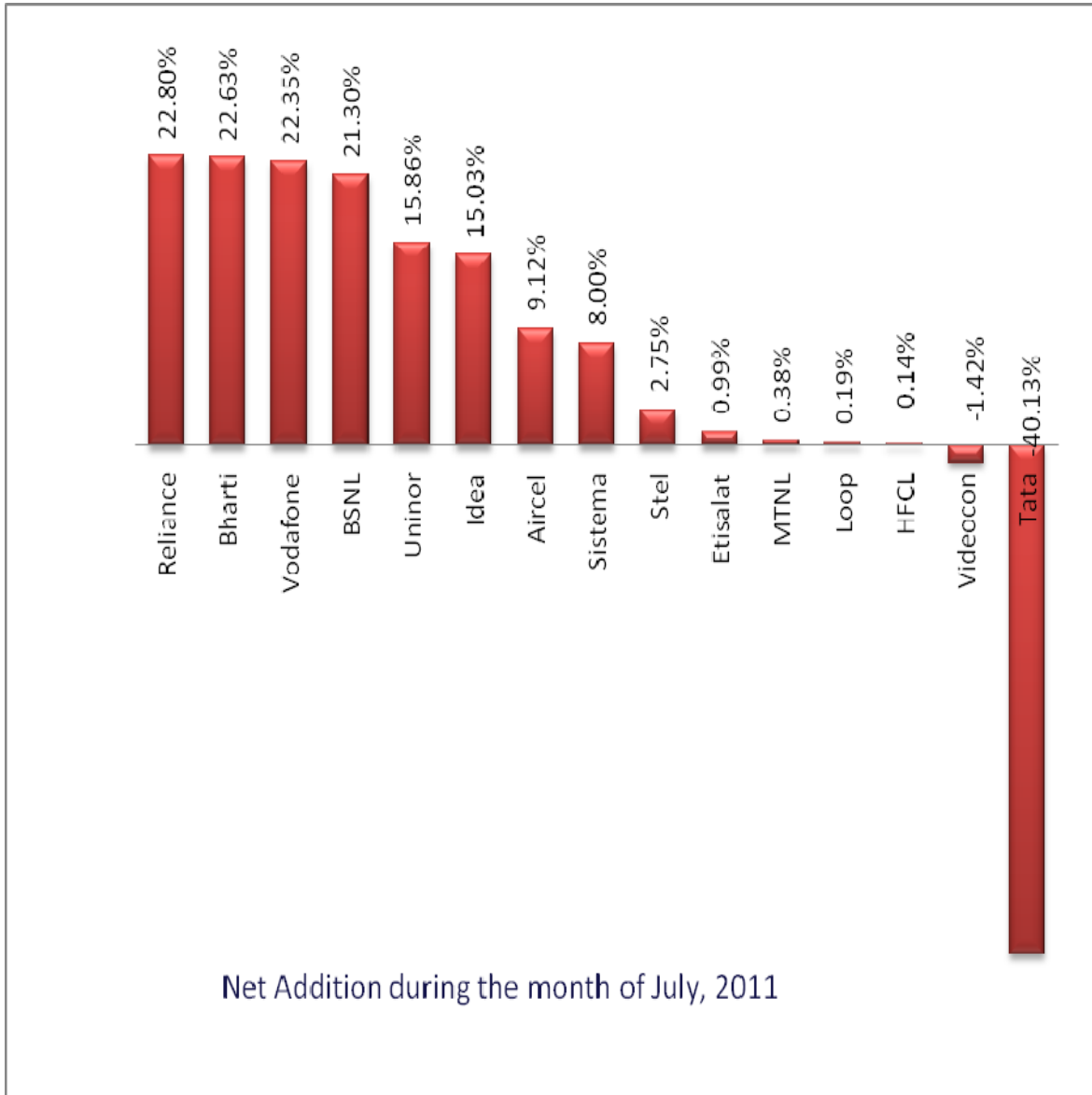
• Wireless subscription in **Urban Areas** increased from 562.12 million in June 2011 to **565.71** million at the end of July 2011. **Rural subscription** increased from 289.57 million to **292.65** million during the same period. **This shows higher growth in Rural Subscription (1.05%)** than Urban Subscription (0.64%). **The Urban wireless teledensity has increased from 155.96 to 156.59 and Rural teledensity has increased from 34.58 to 34.92.** Detailed statistics is at Annexure I.

- **Private operators hold 88.27% of the wireless market share** where as BSNL and MTNL, two PSU operators hold only **11.73% market share**. The graphical presentations of market shares and shares in net additions of all the service providers during the month of July 2011 are given below:

A. Service Provider wise Market Share as on 31.07.2011



B. Service Providers' share in net additions during the month of July 2011



❖ VLR Data

Out of the total **858.37 Million** subscribers, **601.73 Million subscribers were active subscribers on the date of Peak VLR for the month of July 2011**. The total active VLR number excludes the CDMA VLR figure of BSNL, as the service provider has not provided the VLR figures corresponding to their total CDMA subscriber base of 5.06 million. **The proportion of VLR subscribers is approximately 70.65% of the total wireless subscriber base reported by the service providers.**

Circle-wise, Jammu & Kashmir has the highest proportion of VLR subscribers with 81.98% followed by Assam (78.25%) and Maharashtra (76.08%); Mumbai has the lowest proportion with 58.81%. **Service Provider wise, Idea leads the tally with 93.31%** followed by Bharti with 89.86%; Videocon is at the bottom with 33.84%. The detailed statistics of proportionate VLR is at Annexure II & the methodology used for reporting subscriber base/active subscribers is at Annexure IV.

❖ Mobile Number Portability

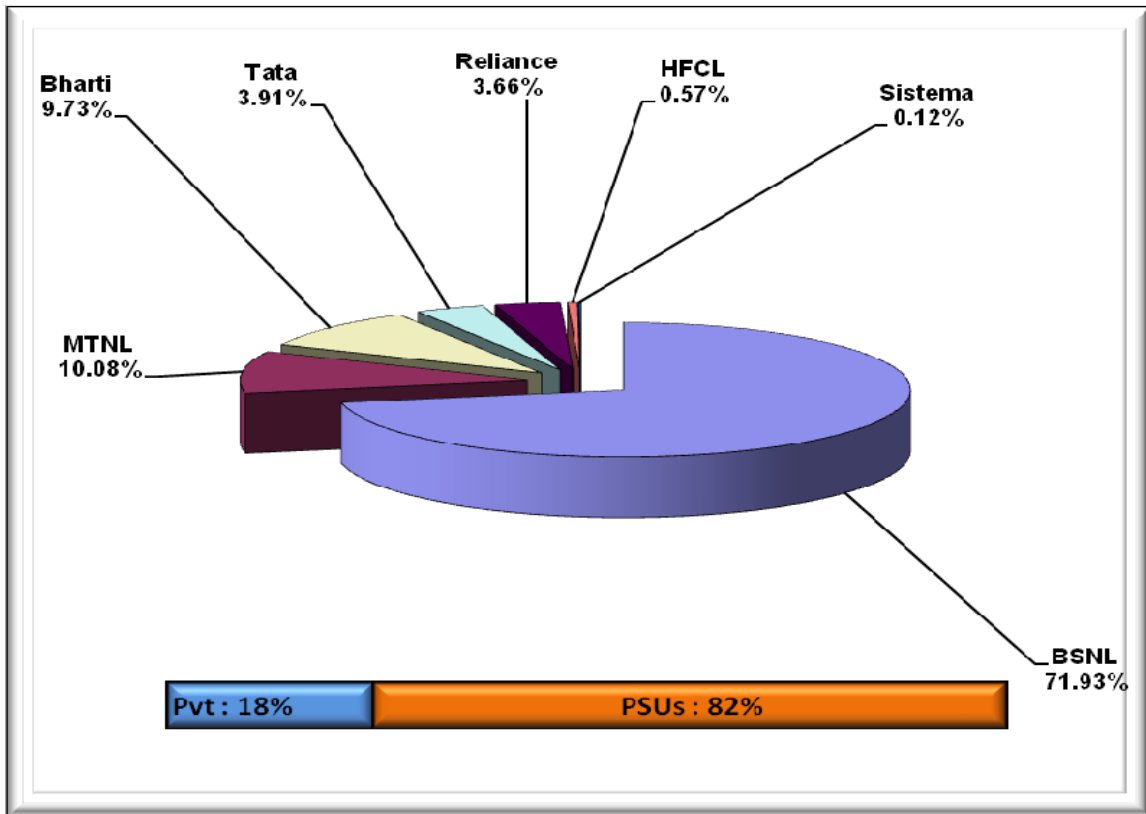
- As per the data reported by the service providers, **by the end of July 2011 about 155.48 lakh subscribers have submitted their requests to different service providers for porting their mobile number**. Out of these requests around 8.67 lakh pertains to Haryana wherein MNP was implemented from 25th Nov. 2010. In rest of the country, **in MNP Zone-I (Northern & Western India) maximum number of requests have been received in Gujarat (15.51 lakh)** followed by Maharashtra (12.61 lakh) whereas **in MNP Zone-II (Southern & Eastern India) maximum number of requests have been received in Karnataka (11.94 lakh)** followed by Andhra Pradesh Service area (11.66 lakh). The status of MNP requests in various service areas is given below:

Service Area Wise MNP Status at the end of July, 2011			
Zone -1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	839471	Andhra Pradesh	1166238
Gujarat	1551055	Assam	42118
Himachal Pradesh	65361	Bihar	363292
Haryana	867263	Karnataka	1194305
Jammu & Kashmir	3361	Kerala	732433
Maharashtra	1261809	Kolkata	386651
Mumbai	574194	Madhya Pradesh	1001704
Punjab	701465	North East	11152
Rajasthan	1109489	Orissa	356457
Uttar pradesh - East	739044	Tamil Nadu	1075389
Uttar pradesh - West	914978	West Bengal	590657
Total	8627490	Total	6920396
Total (Zone 1 + Zone 2)			15,547,886

❖ Wireline Segment

- Wireline subscriber base **declined from 34.29 Million in June 2011 to 34.18 Million** at the end of July 2011. The share of Urban Subscriber has marginally increased from 75.29% to 75.40% where as share of Rural Subscribers has marginally declined to 24.60% from 24.71%. **The overall wireline Tele-density in India marginally declines to 2.85 with urban and rural teledensity being 7.14 and 1.00 respectively.** BSNL and MTNL, two **PSU operators hold 82% of the Wireline market share.** Detailed statistics is at Annexure-III. The graphical presentation of market share of all service provider as on 30th July 2011 is given below:

Service Provider wise Market Share as on 31.07.2011



❖ **Category wise Growth**

- From the below tables, Circle A shows the highest net addition whereas Circle C registered the highest rate of monthly growth in the wireless sector from June 2011 to July 2011.

Category wise Net Additions and subscriber base

Category	Net Additions during the month of July, 2011		Subscriber Base as on 31st July, 2011	
	Wireline	Wireless	Wireline	Wireless
Circle A	-36528	3252954	13148388	303181653
Circle B	-66301	2180736	10982961	337968102
Circle C	-4176	1325419	2825791	115997186
Metro	-6281	-86069	7222338	101221767
All India	-113286	6673040	34179478	858368708

Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (June-2011 to July-2011)		Yearly rate of growth (July-2010 to July-2011)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.28%	1.08%	-3.85%	28.31%
Circle B	-0.60%	0.65%	-8.24%	34.75%
Circle C	-0.15%	1.16%	-10.16%	35.69%
Metro	-0.09%	-0.08%	0.67%	26.81%
All India	-0.33%	0.78%	-4.96%	31.57%

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

❖ Broadband (≥ 256 Kbps download)

Total Broadband subscriber base has **increased from 12.32 million in June 2011 to 12.50 million in July 2011**, there by showing a growth of 1.46%.

Note: Information in the Press Release is based on the data provided by the Service Providers.

Contact details in case of any clarification:

Raj Pal, Advisor (ER), TRAI
Mahanagar Doorsanchar Bhawan
Jawahar Lal Nehru Marg,
New Delhi – 110002
Ph: 011-23230752
Fax: 011-23236650
E-mail: adveco@traai.gov.in

Authorised to issue.

(Raj Pal)
Advisor(ER)

Annexure-I

Wireless Subscriber Base

Page 1 of 3

Circle	Group											
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel / Dishnet	
	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11
Andhra Pradesh	17243746	17354503	8335814	8480404	7347024	7352404	8531541	8465070	8428994	8538244	1668170	1697829
Assam	3356891	3393468	2215464	2310987	1650109	1689234	120853	122862	303279	290440	3429987	3556891
Bihar	16076532	16218766	8850834	8710114	5244148	5310019	5416422	5224467	4896810	4853093	4843688	4777248
Delhi	8301831	8356619	8687497	8403024	7788376	7947038	6011585	5300073	3991264	4073799	2218190	2211326
Gujarat	6704802	6757411	7935027	7998135	14910573	15102738	3810889	3811994	7142471	7226624	560123	569564
Himachal Pradesh	1696464	1712144	1635574	1703791	357430	369527	421271	424051	365532	369583	677256	672579
Haryana	2181265	2215158	3899266	4044006	4170943	4202654	3029987	2956651	3277517	3256678	559344	510024
J & K	1868985	1921962	461699	483028	565253	582161	112972	115433	128808	138585	1763924	1782152
Karnataka	14892871	14967770	7893399	7904754	6591039	6607212	7022517	7044806	4366930	4430932	1695561	1725854
Kerala	3459776	3469659	4022609	4111213	5535177	5617335	2730401	2574074	7026922	7160658	2358360	2395668
Kolkata	3688633	3715506	5349384	5485605	4373647	4425816	3421712	3163698	734402	774857	1563412	1600009
Madhya Pradesh	9547099	9561467	11574052	11816209	3135580	3251790	5126046	4870879	11839576	11893634	734560	737987
Maharashtra	8794416	8946304	9541113	9963389	11962824	12035548	10512247	10555768	13427497	13504460	1049697	1068803
Mumbai	3598710	3641099	7756018	8004078	5887113	5940448	6171839	6146141	2348402	2352052	1149736	1150019
North East	2103288	2119052	706894	731446	861826	862919	78721	78454	224701	216621	2197151	2263676
Orissa	5524753	5634329	4123910	4286389	2338159	2366393	2617124	2499333	646442	645841	2508395	2571169
Punjab	6591185	6709451	4477965	4622181	4132392	4230333	3553587	3427800	4665114	4734986	668480	679977
Rajasthan	12561588	12703517	7395575	7549534	8711277	8788674	4027655	3984966	3092185	3114361	865678	912757
Tamil Nadu	12851196	12937415	8680758	8714736	11444549	11616925	4958576	4655476	1346172	1569697	20493642	20673861
U.P.(E)	13044951	13096499	12507704	12132888	14237217	14266616	4779102	4649848	6369289	6232144	2056803	2075889
U.P.(W)	6341180	6431362	9798352	9827679	9234369	9301197	5109190	5138761	9052503	9253061	1924818	1941537
West Bengal	8756085	8833065	7416250	7503354	11040815	11144027	3428447	3104442	1434008	1481125	2993777	3014530
Total	169186247	170696526	143265158	144786944	141519840	143011008	90992684	88315047	95108818	96111475	57980752	58589349
Net Additions during July-2011		1510279		1521786		1491168		-2677637		1002657		608597

Wireless Subscriber Base
Page 2 of 3

Annexure-I

Circle	Group											
	BSNL		MTNL		Uninor		Sistema		Loop		Videocon	
	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11
Andhra Pradesh	7996450	8346209			2521021	2656230	454468	488909	0	0	10416	10777
Assam	1527532	1545155			0	0	8	98	86	97	0	0
Bihar	6088425	6164293			2953045	3145372	1025557	1093333	0	0	16897	17357
Delhi	0	0	2662100	2682856	0	0	811361	845076	0	0	0	0
Gujarat	4026956	4087480			2029601	2089952	62372	60195	0	0	1615387	1529161
Himachal Pradesh	1699374	1720315			0	0	22	21	0	0	89150	89839
Haryana	3049879	3077776			0	0	148881	165026	104	95	864065	833570
J & K	917986	952881			0	0	0	6	0	0	0	0
Karnataka	6000816	6100540			1196133	1223378	1533296	1617125	0	51	10458	11232
Kerala	6028208	6146010			669904	693872	547148	555675	0	0	370125	362005
Kolkata	2453216	2433770			1370569	1385389	679173	702784	1224	1344	0	0
Madhya Pradesh	4952054	4831124			0	0	592	642	93	100	1177802	1260026
Maharashtra	6426492	6496313			2282932	2386293	530488	558915	0	2	12581	13448
Mumbai	0	0	2836960	2841782	1129213	1176628	741115	768051	3147900	3160263	1374012	1436759
North East	1540597	1573419			0	0	0	8	20	20	0	0
Orissa	3988945	4041952			1078406	1102731	109	117	536	592	9591	9707
Punjab	4643263	4686737			0	0	93	162	100	125	0	0
Rajasthan	5704137	5812435			0	0	2083180	2152037	245	243	9584	10270
Tamil Nadu	8628424	8771088			1321818	1424054	1492320	1510422	0	0	1522515	1402055
U.P.(E)	10183078	10291090			4213665	4348945	131445	174826	0	0	20001	19999
U.P.(W)	4510993	4604938			3177271	3265149	123919	167091	0	0	9537	9531
West Bengal	3361000	3465851			2386633	2490673	1359533	1398243	0	0	17765	19140
Total	93727825	95149376	5499060	5524638	26330211	27388666	11725080	12258762	3150308	3162932	7129886	7034876
Net Additions during July-2011		1421551		25578		1058455		533682		12624		-95010

Wireless Subscriber Base
Page 3 of 3

Annexure-I

Circle	Group						Circle-wise Total		
	S-tel		HFCL		Etisalat/Allianz		Jun-11	Jul-11	Net Addition
	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11			
Andhra Pradesh	0	0			23330	25701	62560974	63416280	855306
Assam	85015	106445			0	0	12689224	13015677	326453
Bihar	1897964	2019471			26518	30419	57336840	57563952	227112
Delhi	0	0			698910	714146	41171114	40533957	-637157
Gujarat	0	0			20654	22597	48818855	49255851	436996
Himachal Pradesh	428377	430572			0	0	7370450	7492422	121972
Haryana	0	0			9268	9930	21190519	21271568	81049
J & K	0	0			0	0	5819627	5976208	156581
Karnataka	0	0			18137	19977	51221157	51653631	432474
Kerala	0	0			8760	9146	32757390	33095315	337925
Kolkata	0	0			0	0	23635372	23688778	53406
Madhya Pradesh	0	0			46778	52395	48134232	48276253	142021
Maharashtra	0	0			23882	25934	64564169	65555177	991008
Mumbai	0	0			360332	381712	36501350	36999032	497682
North East	41121	42970			0	0	7754319	7888585	134266
Orissa	864937	901789			0	0	23701307	24060342	359035
Punjab	0	0	1403850	1413308	11864	12514	30147893	30517574	369681
Rajasthan	0	0			22841	25177	44473945	45053971	580026
Tamil Nadu	0	0			23574	24985	72763544	73300714	537170
U.P.(E)	0	0			31607	34894	67574862	67323638	-251224
U.P.(W)	0	0			32080	35027	49314212	49975333	661121
West Bengal	0	0			0	0	42194313	42454450	260137
Total	3317414	3501247	1403850	1413308	1358535	1424554	851695668	858368708	6673040
Net Additions during July-2011		183833		9458		66019		6673040	

Proportion of VLR on the date of Peak VLR in the month of July, 2011 (%)

Annexure-II

Circle	Aircel	Bharti	BSNL(Exept CDMA)	Etisalat	HFCL	Idea	Loop	MTNL	Reliance	S Tel	Sistema	Tata	Uninor	ideocon	Vodafone	Total
Andhra Pradesh	53.07	93.72	67.82	19.62		94.26			63.13		65.65	54.85	58.04	6.96	57.62	74.10
Assam	78.30	91.24	50.46			84.38	17.44		72.75	63.02	2312.50	75.11			84.73	78.25
Bihar	45.13	93.29	59.22	21.55		87.23			62.76	43.67	39.97	41.21	65.28	17.51	90.95	71.15
Delhi	50.90	79.74		42.08		92.95		41.50	70.53		24.86	40.25			85.54	68.66
Gujarat	99.75	86.27	56.18	21.83		92.46			62.09		37.47	56.70	65.44	35.33	84.11	75.31
Himachal Pradesh	65.16	92.69	57.79			96.82			58.11	49.45		37.50		28.47	90.96	68.12
Haryana	31.91	91.63	46.39	19.97		88.12	16.35		59.45		21.20	53.73		31.86	87.77	67.94
J & K	79.35	96.30	66.35			96.73			69.15			72.72			77.18	81.98
Karnataka	44.87	93.96	55.34	14.38		95.82			63.88		70.60	61.84	52.10	2.46	67.65	73.70
Kerala	36.37	87.66	66.42	20.92		93.23			61.65		53.30	50.18	26.42	22.74	79.19	70.63
Kolkata	54.86	85.55	32.14			87.59	3.84		60.48		59.57	54.52	52.69		77.99	63.82
Madhya Pradesh	54.70	87.90	47.20	22.33		98.42	20.43		62.40		45.27	59.53		32.64	68.96	73.99
Maharashtra	51.54	91.64	61.32	22.58		97.01			65.03		47.48	50.39	67.85	18.18	85.62	76.08
Mumbai	53.89	82.82		30.36		83.09	42.77	31.14	71.52		16.22	38.53	48.69	36.98	75.95	58.81
North East	71.77	86.09	57.73			82.49	15.00		63.61	31.39		76.73			76.33	72.78
Orissa	47.99	92.79	59.01			72.63	5.97		57.51	38.59	299.08	44.91	42.16	11.13	80.68	64.88
Punjab	56.58	92.45	49.57	23.79	39.18	92.44	24.00		61.02		170.97	47.73			85.23	71.61
Rajasthan	91.06	93.23	47.46	29.04		105.98	9.80		60.23		43.62	46.14		13.38	76.94	72.89
Tamil Nadu	51.78	91.03	47.19	11.87		76.27			57.63		54.98	46.62	52.37	35.85	85.09	63.94
U.P.(E)	61.52	93.33	42.57	27.41		90.88			60.00		70.25	44.45	73.33	17.05	85.25	71.81
U.P.(W)	55.01	75.31	43.60	18.02		93.33			56.85		75.77	43.96	63.91	29.72	84.86	69.02
West Bengal	46.60	80.30	48.45			75.16			63.41		69.84	32.74	63.74	21.48	88.08	69.10
Total	54.54	89.86	53.04	34.39	39.18	93.31	42.74	36.16	62.53	43.44	51.02	48.74	61.26	33.84	81.52	70.65

Wireline Subscriber Base

Annexure-III

Page 1 of 1

Circle	GROUP															Circle-wise Total	
	BSNL		MTNL		Bharti		Reliance		Tata		HFCL		Sistema		Jun-11	Jul-11	
	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	Jun-11	Jul-11	
Andhra Pradesh	1978372	1975551			125336	125403	86690	87035	162598	164108					2352996	2352097	
Assam	253835	253378							2325	2328					256160	255706	
Bihar	1180087	1180040					4611	4706	9116	9118					1193814	1193864	
Delhi			1538695	1541484	1071796	1073768	177962	179019	62008	64218					2850461	2858489	
Gujarat	1682786	1671118			55010	55056	115519	115278	63630	64432					1916945	1905884	
Himachal Pradesh	326810	323666			0		4431	4443	1701	1731					332942	329840	
Haryana	590058	582518			23491	23543	4307	4460	15606	15676					633462	626197	
J & K	215276	214954					18	18	187	203					215481	215175	
Karnataka	2016969	2011819			490299	490675	107499	108491	112253	112906					2727020	2723891	
Kerala	3157485	3148543			55478	55523	53861	54542	11060	11149					3277884	3269757	
Kolkata	1185656	1169186			90902	91627	84012	83729	28839	29053					1389409	1373595	
Madhya Pradesh	981701	959446			304761	304829	33332	33927	6970	7119					1326764	1305321	
Maharashtra	2424908	2396487			69959	70048	97438	98469	210633	212036					2802938	2777040	
Mumbai			1904681	1903007	331514	331698	223539	225297	529015	530252					2988749	2990254	
North East	260043	258910							195	197					260238	259107	
Orissa	560552	560961					4015	4124	6765	7014					571332	572099	
Punjab	1199005	1191290			105257	105483	36422	36255	15836	16157	193500	194657			1550020	1543842	
Rajasthan	1123811	1116828			39147	39208	23322	23812	4810	4951			40836	42029	1231926	1226828	
Tamil Nadu	2702597	2703975			484501	485472	140994	142325	56925	57704					3385017	3389476	
U.P.(E)	1357156	1347600			50308	50361	37729	38568	12081	12242					1457274	1448771	
U.P.(W)	814006	806213			23977	24054	5271	5438	7203	7200					850457	842905	
West Bengal	713694	711511					2287	2314	5494	5515					721475	719340	
Operator-wise Total	24724807	24583994	3443376	3444491	3321736	3326748	1243259	1252250	1325250	1335309	193500	194657	40836	42029	34292764	34179478	
Net Additions during July-2011		-140813		1115		5012		8991		10059		1157		1193		-113286	

VLR Subscribers in the Wireless Segment

Home Location Register (HLR) is a central database that contains details of each mobile phone subscriber that is authorized to use the GSM core network. The HLRs store details of every SIM card issued by the mobile phone operator. Each SIM has a unique identifier called an International Mobile Subscriber Identity (IMSI), which is the primary key to each HLR record. The HLR data is stored for as long as a subscriber remains with the mobile phone operator. HLR also manages the mobility of subscribers by means of updating their position in administrative areas. It sends the subscriber data to a Visitor Location Register (VLR).

Subscriber numbers reported by the service providers is the difference between the numbers of IMSI registered in service provider's Home Location Register(HLR) and sum of other figures as given below:-

1	Total IMSI's in HLR (A)
2	Less: (B=a + b + c + d + e)
a.	Test/Service Cards
b.	Employees
c.	Stock in hand/in Distributional Cannels (Active Card)
d.	Subscriber Retention period expired
e.	Service suspended pending disconnection
3	Subscribers Base (A-B)

Visitor Location Register (VLR) is a temporary database of the subscribers who have roamed into the particular area, which it serves. Each base station in the network is served by exactly one VLR; hence a subscriber cannot be present in more than one VLR at a time.

If subscriber is in active stage i.e. he is able to send/receive calls/SMSs he is available both in HLR and VLR. However, it may be possible that the subscriber is registered in HLR but not in VLR due to the reason that he is either switched-off or moved out of coverage area, not reachable etc. In such circumstances he will be available in HLR but not in VLR. This causes difference between subscriber number reported by the service providers and numbers available in VLR.

The VLR data calculated here is on the basis of active subscribers in VLR on the date of Peak VLR of the particular month for which the data is being collected. This data is to be taken from the switches having the purge time of not more than 72 hours.
