

## Information Note to the Press (Press Release No. 51/2011)

### TELECOM REGULATORY AUTHORITY OF INDIA

New Delhi, 20<sup>th</sup> October, 2011

For Immediate release

Website: - [www.trai.gov.in](http://www.trai.gov.in)

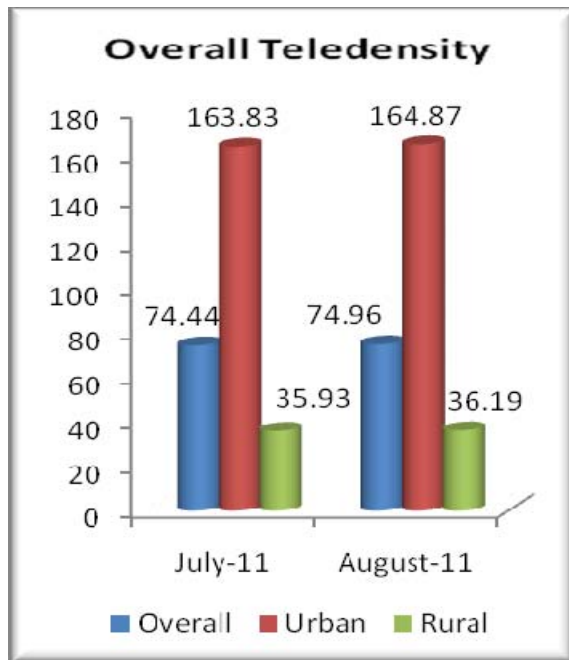
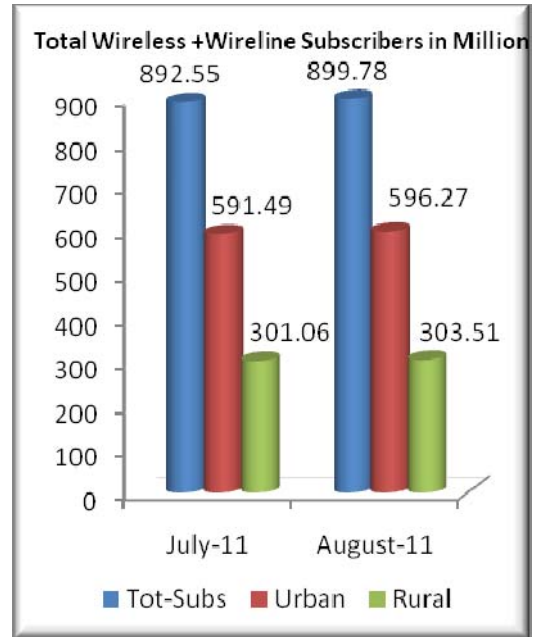
### Highlights of Telecom Subscription Data as on 31st August, 2011

Particulars	Wireless	Wireline	Total (Wireless + Wireline)
<b>Total Subscribers (Million)</b>	<b>865.71</b>	<b>34.07</b>	<b>899.78</b>
Total Net Addition (Million)	7.34	-0.11	7.23
% of Monthly Growth	0.86%	-0.33%	0.81%
<b>Urban Subscribers (Million)</b>	<b>570.54</b>	<b>25.73</b>	<b>596.27</b>
Urban Subscribers Net Addition (Million)	4.82	-0.04	4.78
% of Monthly Growth	0.85%	-0.17%	0.81%
<b>Rural Subscribers (Million)</b>	<b>295.17</b>	<b>8.34</b>	<b>303.51</b>
Rural Subscribers Net Addition (Million)	2.52	-0.07	2.45
% of Monthly Growth	0.86%	-0.82%	0.81%
<b>Overall Teledensity</b>	<b>72.12</b>	<b>2.84</b>	<b>74.96</b>
Urban Teledensity	157.76	7.11	164.87
Rural Teledensity	35.20	0.99	36.19
Share of Urban Subscriber	65.90%	75.52%	66.27%
Share of Rural Subscriber	34.10%	24.48%	33.73%

- ❖ **Mobile Number Portability requests increase from 155.48 lakh subscribers at the end of July 2011 to 180.59 lakh subscribers at the end of August 2011. In the month of August 2011 alone, 25.12 lakh requests have been made for MNP.**
- ❖ **Active wireless subscribers on the date of peak VLR in August - 2011 are 608.63 Million.**
- ❖ **Broadband subscription reaches 12.69 Million in August-2011 from 12.50 Million in July-2011.**

## ❖ Total Telephone Subscribers

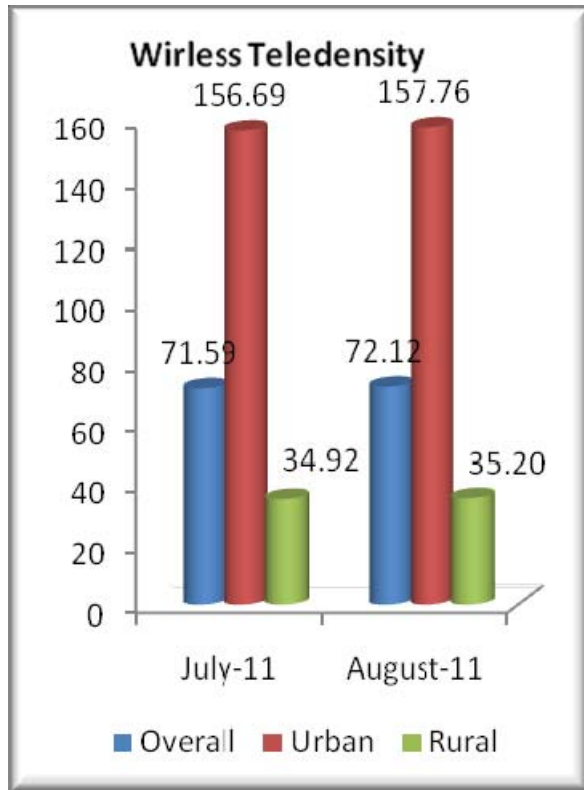
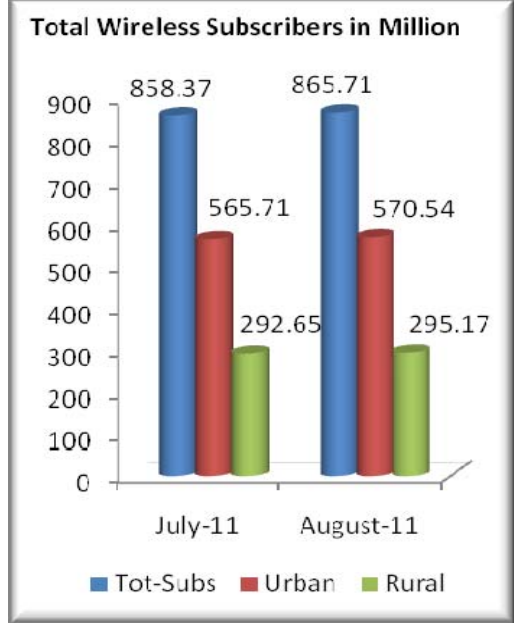
The number of telephone subscribers in India increased to **899.78** Million at the end of August, 2011 from 892.55 Million at the end of July 2011, thereby registering a growth rate of 0.81%. The share of Urban and Rural Subscribers has remained same as in the previous month i.e. 66.27% and 33.73% respectively. With this, **the overall Teledensity in India reaches to 74.96 at the end of August, 2011 from 74.44 of the previous month.**



Subscription in **Urban Areas** grew from 591.49 million in July 2011 to **596.27** million at the end of August 2011. **Rural subscription** increased from 301.06 million to **303.51** million. The growth of Rural and Urban Subscription is 0.81%. **The overall Urban teledensity has increased from 163.83 to 164.87 and Rural teledensity increased from 35.93 to 36.19.**

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

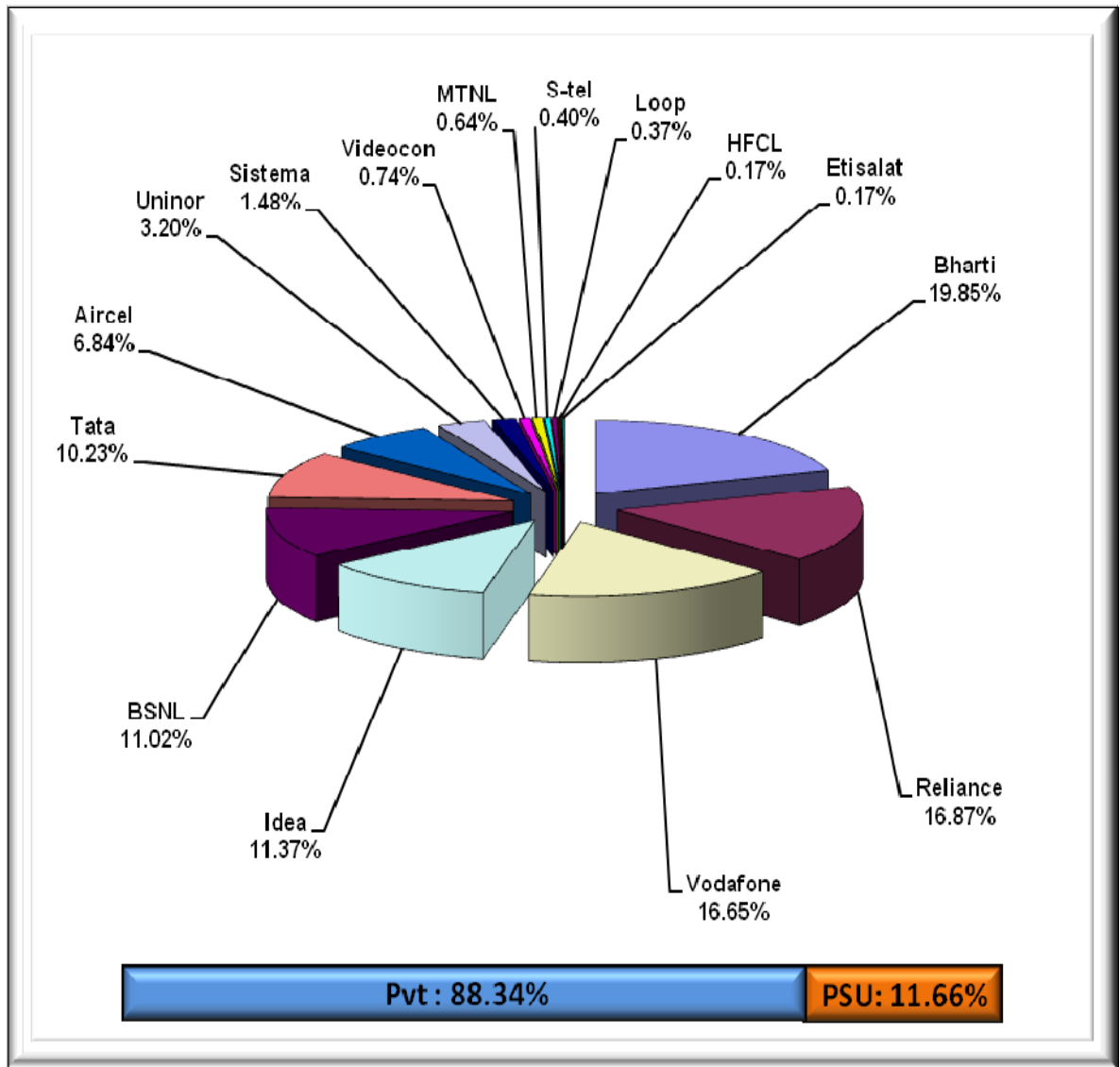
• Total Wireless subscriber base increased from 858.37 Million in July 2011 to **865.71** Million at the end of August 2011, registering a growth of 0.86%. The share of Urban Subscriber has marginally decreased to 65.90% from 65.91% where as share of Rural Subscribers has marginally increased from 34.09% to 34.10%. **The overall wireless Tele density in India reaches 72.12.**



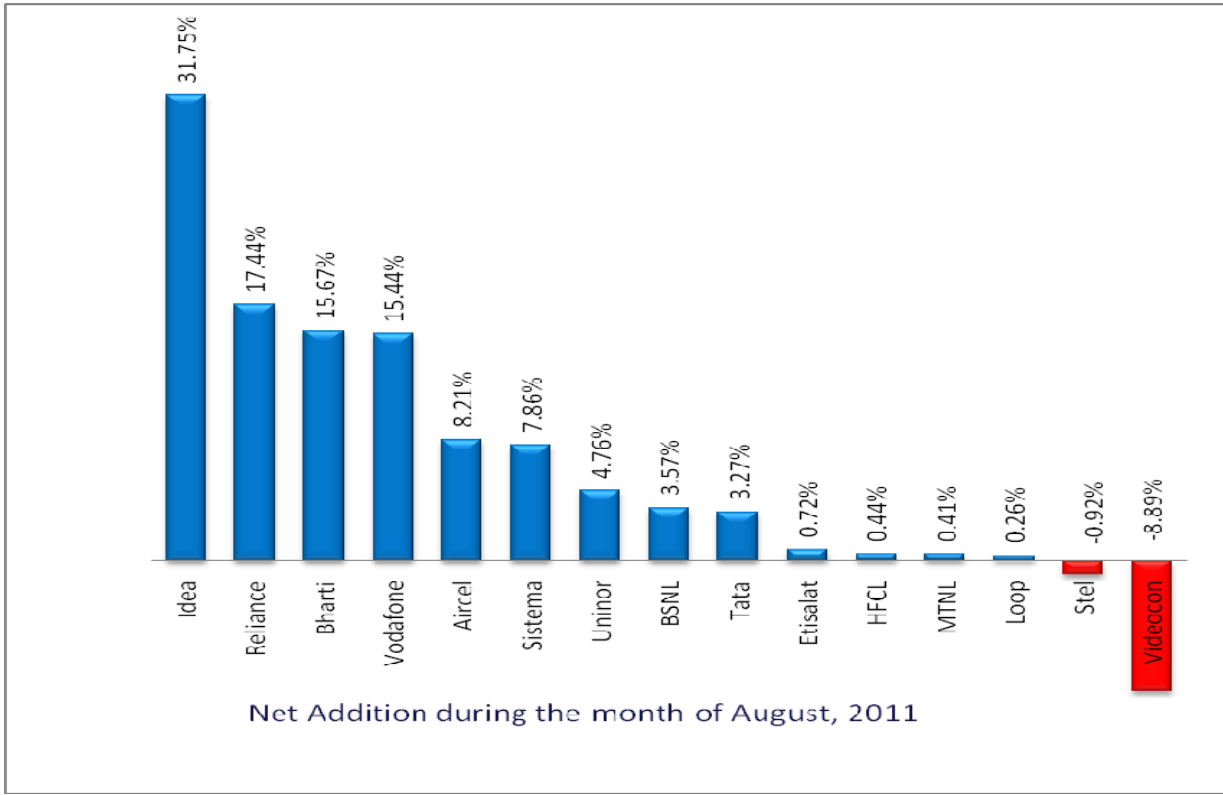
• Wireless subscription in **Urban Areas** increased from 565.71 million in July 2011 to **570.54** million at the end of August 2011. **Rural subscription** increased from 292.65 million to **295.17** million during the same period. **This shows marginally higher growth in Rural Subscription (0.86%)** than Urban Subscription (0.85%). **The Urban wireless teledensity has increased from 156.59 to 157.76 and Rural teledensity has increased from 34.92 to 35.20.** Detailed statistics is at Annexure I.

- **Private operators hold 88.34% of the wireless market share** where as BSNL and MTNL, two PSU operators hold only **11.66% market share**. The graphical presentations of market shares and shares in net additions of all the service providers during the month of August 2011 are given below:

**A. Service Provider wise Market Share as on 31.08.2011**



**Service Providers' share in net additions during the month of August 2011**



**❖ VLR Data**

Out of the total **865.71 Million** subscribers, **608.63 Million were active on the date of Peak VLR for the month of August 2011**. The total active VLR number excludes the CDMA VLR figure of BSNL, as the service provider has not provided the VLR figures of their total CDMA subscriber base of 4.95 million. **The proportion of VLR subscribers is approximately 70.30% of the total wireless subscribers base reported by the service providers.**

**Circle-wise**, J&K has the highest proportion of VLR subscribers with 79.49% followed by North-East (77.70%) and Assam (76.83%); Mumbai has the lowest proportion with 59.23%. **Service Provider wise, Idea leads the tally with 91.55%** followed by Bharti (88.86%); Etisalat is at the bottom with 31.86%. The detailed statistics of proportionate VLR is at Annexure II & methodology used for reporting subscriber base/active subscribers is at Annexure IV.

❖ **Mobile Number Portability**

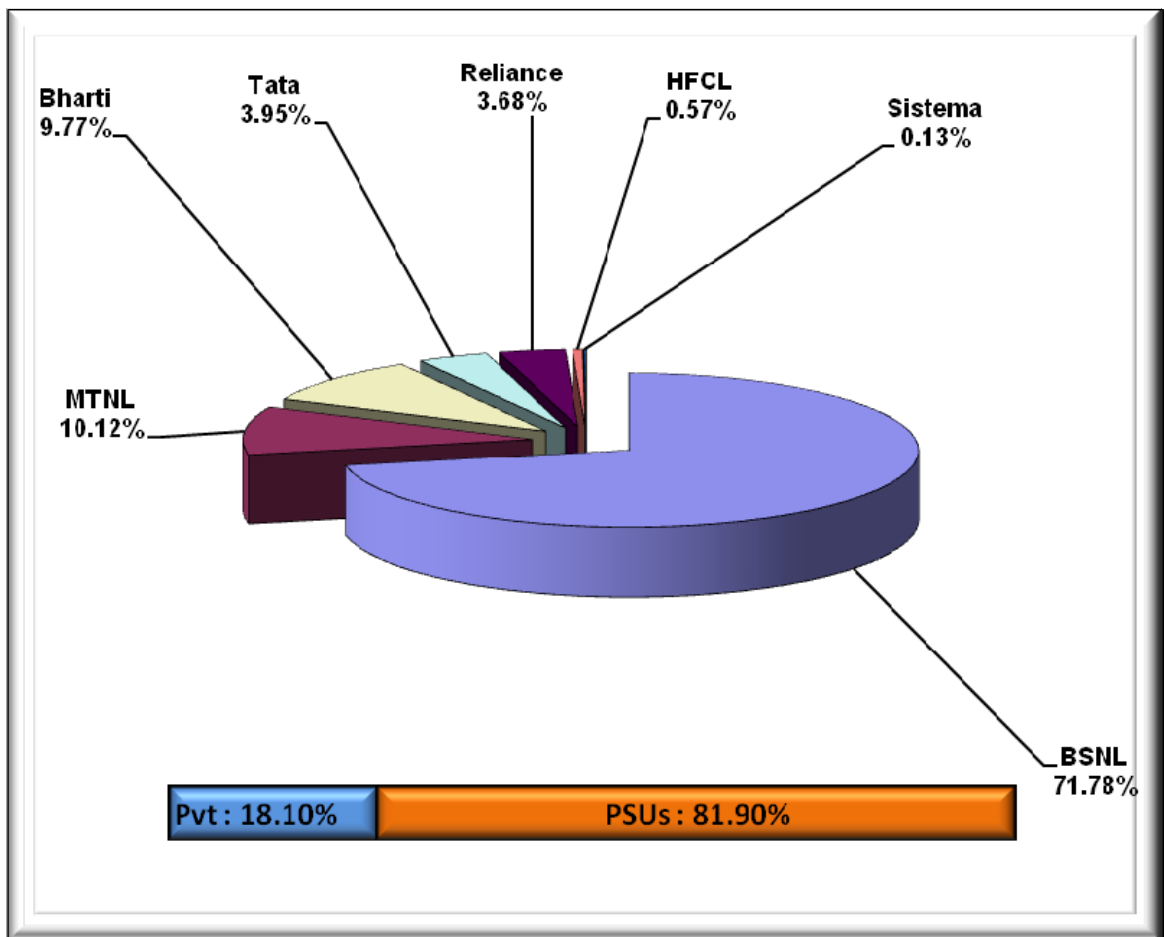
- As per the data reported by the service providers, **by the end of August 2011 about 180.59 lakh subscribers have submitted their requests to different service providers for porting their mobile number.** Out of these requests around 9.72 lakh pertains to Haryana wherein MNP was implemented from 25<sup>th</sup> Nov. 2010. In rest of the country, **in MNP Zone-I (Northern & Western India) maximum number of requests have been received in Gujarat (17.63 lakh)** followed by Maharashtra (14.77 lakh) whereas **in MNP Zone-II (Southern & Eastern India) maximum number of requests have been received in Karnataka (14.01 lakh)** followed by Andhra Pradesh Service area (13.94 lakh). In the month of August-2011, total number of subscribers who have submitted their request for MNP is 25.12 lakh. The status of MNP requests in various service areas is given below:

<b>Service Area Wise MNP Status at the end of August 2011</b>			
<b>Zone - 1</b>		<b>Zone - 2</b>	
<b>Service Area</b>	<b>Number of Porting Requests</b>	<b>Service Area</b>	<b>Number of Porting Requests</b>
Delhi	1009582	Andhra Pradesh	1393726
Gujarat	<b>1762683</b>	Assam	47871
Himachal Pradesh	74417	Bihar	417552
Haryana	971790	Karnataka	<b>1401092</b>
Jammu & Kashmir	3772	Kerala	885555
Maharashtra	1477490	Kolkata Madhya Pradesh	441361
Mumbai	672998	North East	1159336
Punjab	792441	Orissa	12539
Rajasthan	1291842	Tamil Nadu	426497
Uttar pradesh - East	854772	West Bengal	1236094
Uttar pradesh - West	1061858		664134
<b>Total</b>	<b>9973645</b>	<b>Total</b>	<b>8085757</b>
<b>Total (Zone 1 + Zone 2)</b>		<b>18,059,402</b>	

### ❖ Wireline Segment

- Wireline subscriber base **declined from 34.18 Million** at the end of July 2011 **to 34.07 Million** at the end of August 2011. The share of Urban Subscriber has marginally increased from 75.40% to 75.52% where as share of Rural Subscribers has marginally declined to 24.48% from 24.60%. **The overall wireline Tele-density in India marginally declined to 2.84 with urban and rural teledensity being 7.11 and 0.99 respectively.** BSNL and MTNL, two **PSU operators hold 81.90% of the Wireline market share.** Detailed statistics is at Annexure-III. The graphical presentation of market share of all service provider as on 31st August 2011 is given below:

#### Service Provider wise Market Share as on 31.08.2011



### ❖ 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 July 2011 to August 2011.

#### Category wise Net Additions and subscriber base

Category	Net Additions during the month of August, 2011		Subscriber Base as on 31st August, 2011	
	Wireline	Wireless	Wireline	Wireless
Circle A	-26331	3092341	13122057	306273994
Circle B	-81416	2535353	10901545	340503455
Circle C	-4976	1324949	2820815	117322135
Metro	582	387028	7222920	101608795
<b>All India</b>	<b>-112141</b>	<b>7339671</b>	<b>34067337</b>	<b>865708379</b>

#### Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (July-2011 to August-2011)		Yearly rate of growth (August-2010 to August-2011)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.20%	1.02%	-3.68%	26.35%
Circle B	-0.74%	0.75%	-8.01%	31.79%
Circle C	-0.18%	1.14%	-9.22%	33.29%
Metro	0.01%	0.38%	0.54%	24.19%
<b>All India</b>	<b>-0.33%</b>	<b>0.86%</b>	<b>-4.75%</b>	<b>29.09%</b>

- 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 12.50 million in July 2011 to 12.69 million in August 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.

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Authorised to issue.

(Raj Pal)  
Advisor(ER)

## Annexure-I

## Wireless Subscriber Base

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Circle	Group											
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel / Dishnet	
	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11
Andhra Pradesh	17354503	17456377	8480404	8667532	7352404	7362500	8465070	8368683	8538244	8717281	1697829	1709529
Assam	3393468	3408558	2310987	2390788	1689234	1743967	122862	123849	290440	294302	3556891	3608277
Bihar	16218766	16319709	8710114	8921166	5310019	5395716	5224467	5260719	4853093	4917748	4777248	4817267
Delhi	8356619	8397836	8403024	8298952	7947038	8092037	5300073	5358446	4073799	4266183	2211326	2211757
Gujarat	6757411	6775065	7998135	8177804	15102738	15252281	3811994	3930378	7226624	7349402	569564	579380
Himachal Pradesh	1712144	1729342	1703791	1795867	369527	379851	424051	414912	369583	380522	672579	676266
Haryana	2215158	2237639	4044006	4127515	4202654	4216629	2956651	3047377	3256678	3382155	510024	516988
J & K	1921962	1937286	483028	498181	582161	588148	115433	117064	138585	140055	1782152	1783650
Karnataka	14967770	15033798	7904754	7868601	6607212	6691671	7044806	7078078	4430932	4470759	1725854	1680980
Kerala	3469659	3481438	4111213	4165484	5617335	5669561	2574074	2422708	7160658	7245374	2395668	2406564
Kolkata	3715506	3730075	5485605	5386762	4425816	4420451	3163698	3188186	774857	838797	1600009	1622478
Madhya Pradesh	9561467	9566333	11816209	11855150	3251790	3325392	4870879	4760856	11893634	12209580	737987	744387
Maharashtra	8946304	9027938	9963389	10239427	12035548	12069465	10555768	10690759	13504460	13845353	1068803	1099353
Mumbai	3641099	3664046	8004078	8131662	5940448	6004656	6146141	6151709	2352052	2369877	1150019	1154152
North East	2119052	2131723	731446	768523	862919	872495	78454	77344	216621	218639	2263676	2301870
Orissa	5634329	5682103	4286389	4522390	2366393	2385494	2499333	2409860	645841	630663	2571169	2600639
Punjab	6709451	6773907	4622181	4773461	4230333	4264566	3427800	3458853	4734986	4810894	679977	703812
Rajasthan	12703517	12797957	7549534	7592181	8788674	8830483	3984966	4129323	3114361	3149579	912757	991309
Tamil Nadu	12937415	12996260	8714736	8608283	11616925	11807288	4655476	4485601	1569697	1748808	20673861	20908300
U.P.(E)	13096499	13338030	12132888	12180273	14266616	14271405	4649848	4683311	6232144	6490307	2075889	2083872
U.P.(W)	6431362	6504174	9827679	9743491	9301197	9304089	5138761	5233056	9253061	9431884	1941537	1964201
West Bengal	8833065	8857230	7503354	7353433	11144027	11195886	3104442	3164199	1481125	1533552	3014530	3026630
<b>Total</b>	<b>170696526</b>	<b>171846824</b>	<b>144786944</b>	<b>146066926</b>	<b>143011008</b>	<b>144144031</b>	<b>88315047</b>	<b>88555271</b>	<b>96111475</b>	<b>98441714</b>	<b>58589349</b>	<b>59191661</b>
<b>Net Additions during Aug-2011</b>		<b>1150298</b>		<b>1279982</b>		<b>1133023</b>		<b>240224</b>		<b>2330239</b>		<b>602312</b>

**Wireless Subscriber Base**

**Annexure-I**

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<b>Group</b>												
<b>Circle</b>	<b>BSNL</b>		<b>MTNL</b>		<b>Uninor</b>		<b>Sistema</b>		<b>Loop</b>		<b>Videocon</b>	
	<b>Jul-11</b>	<b>Aug-11</b>	<b>Jul-11</b>	<b>Aug-11</b>	<b>Jul-11</b>	<b>Aug-11</b>	<b>Jul-11</b>	<b>Aug-11</b>	<b>Jul-11</b>	<b>Aug-11</b>	<b>Jul-11</b>	<b>Aug-11</b>
Andhra Pradesh	8346209	8643762			2656230	2695942	488909	532296	0	0	10777	10926
Assam	1545155	1531540			0	0	98	161	97	117	0	0
Bihar	6164293	6135587			3145372	3108057	1093333	1180179	0	54	17357	19922
Delhi	0		2682856	2705772	0	0	845076	877087	0	0	0	0
Gujarat	4087480	4084445			2089952	2140153	60195	66407	0	0	1529161	1324899
Himachal Pradesh	1720315	1718766			0	0	21	30	0	0	89839	83556
Haryana	3077776	3058132			0	0	165026	182190	95	91	833570	724258
J & K	952881	975239			0	0	6	14	0	0	0	0
Karnataka	6100540	6200225			1223378	1273842	1617125	1713789	51	137	11232	11972
Kerala	6146010	6272956			693872	693616	555675	561142	0	0	362005	363455
Kolkata	2433770	2341651			1385389	1360966	702784	716458	1344	1501	0	0
Madhya Pradesh	4831124	4834824			0	0	642	719	100	102	1260026	1201424
Maharashtra	6496313	6508057			2386293	2407222	558915	591588	2	21	13448	13608
Mumbai	0		2841782	2849315	1176628	1179051	768051	766689	3160263	3178900	1436759	1218409
North East	1573419	1578022			0	0	8	23	20	19	0	0
Orissa	4041952	4050871			1102731	1217305	117	136	592	645	9707	10218
Punjab	4686737	4710072			0	0	162	145	125	128	0	0
Rajasthan	5812435	5568672			0	0	2152037	2219704	243	252	10270	10589
Tamil Nadu	8771088	8962870			1424054	1392256	1510422	1535624	0	0	1402055	1340470
U.P.(E)	10291090	10169549			4348945	4410249	174826	220820	0	0	19999	19948
U.P.(W)	4604938	4641167			3265149	3380899	167091	216842	0	0	9531	9476
West Bengal	3465851	3424672			2490673	2478596	1398243	1453895	0	0	19140	19363
<b>Total</b>	<b>95149376</b>	<b>95411079</b>	<b>5524638</b>	<b>5555087</b>	<b>27388666</b>	<b>27738154</b>	<b>12258762</b>	<b>12835938</b>	<b>3162932</b>	<b>3181967</b>	<b>7034876</b>	<b>6382493</b>
<b>Net Additions during Aug-2011</b>		<b>261703</b>		<b>30449</b>		<b>349488</b>		<b>577176</b>		<b>19035</b>		<b>-652383</b>

**Wireless Subscriber Base**  
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**Annexure-I**

Circle	Group						Circle-wise Total		
	S-tel		HFCL		Etisalat		Jul-11	Aug-11	Net Addition
	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Net Addition
Andhra Pradesh	0	0			25701	27867	63416280	64192695	776415
Assam	106445	107830			0	0	13015677	13209389	193712
Bihar	2019471	1953713			30419	32733	57563952	58062570	498618
Delhi	0	0			714146	718427	40533957	40926497	392540
Gujarat	0	0			22597	24508	49255851	49704722	448871
Himachal Pradesh	430572	430310			0	0	7492422	7609422	117000
Haryana	0	0			9930	10483	21271568	21503457	231889
J & K	0	0			0	0	5976208	6039637	63429
Karnataka	0	0			19977	20881	51653631	52044733	391102
Kerala	0	0			9146	9735	33095315	33292033	196718
Kolkata	0	0			0	0	23688778	23607325	-81453
Madhya Pradesh	0	0			52395	56048	48276253	48554815	278562
Maharashtra	0	0			25934	27480	65555177	66520271	965094
Mumbai	0	0			381712	406507	36999032	37074973	75941
North East	42970	41827			0	0	7888585	7990485	101900
Orissa	901789	900308			0	0	24060342	24410632	350290
Punjab	0	0	1413308	1445751	12514	13355	30517574	30954944	437370
Rajasthan	0	0			25177	27417	45053971	45317466	263495
Tamil Nadu	0	0			24985	25813	73300714	73811573	510859
U.P.(E)	0	0			34894	38289	67323638	67906053	582415
U.P.(W)	0	0			35027	37952	49975333	50467231	491898
West Bengal	0	0			0	0	42454450	42507456	53006
<b>Total</b>	<b>3501247</b>	<b>3433988</b>	<b>1413308</b>	<b>1445751</b>	<b>1424554</b>	<b>1477495</b>	<b>858368708</b>	<b>865708379</b>	<b>7339671</b>
<b>Net Additions during Aug-2011</b>		<b>-67259</b>		<b>32443</b>		<b>52941</b>		<b>7339671</b>	

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

**Annexure-II**

Circle	Aircel	Bharti	BSNL <sup>(Exept CDMA)</sup>	Etisalat	HFCL	Idea	Loop	MTNL	Reliance	S Tel	Sistema	Tata	Uninor	Videocon	Vodafone	Total
Andhra Pradesh	57.26	93.01	64.77	15.70		91.65			61.54		60.00	55.80	57.36	7.40	57.50	<b>73.08</b>
Assam	76.41	90.43	51.87			85.46	12.82		68.55	51.41	177.64	73.32			84.76	<b>76.83</b>
Bihar	43.76	92.06	60.09	16.44		86.14			63.15	42.55	38.36	41.98	65.27	13.47	92.64	<b>70.99</b>
Delhi	60.95	79.99		41.00		88.37		42.33	76.17		24.85	45.47			84.20	<b>71.02</b>
Gujarat	106.80	85.01	56.07	17.69		89.90			60.94		36.25	55.70	65.50	40.50	82.42	<b>74.41</b>
Himachal Pradesh	60.86	92.34	57.17			102.80			54.55	49.70		35.60		25.17	91.39	<b>66.91</b>
Haryana	38.02	90.15	46.72	14.60		87.04	17.58		57.55		21.07	54.30		37.89	88.48	<b>68.18</b>
J & K	79.06	93.40	62.59			90.58			64.68			69.21			74.91	<b>79.49</b>
Karnataka	40.22	93.25	54.46	11.86		94.37			66.05		66.60	61.20	53.78	1.75	67.20	<b>73.40</b>
Kerala	35.84	87.42	64.99	10.09		91.60			59.53		52.76	57.08	26.86	20.88	79.74	<b>70.22</b>
Kolkata	53.16	84.75	34.66			82.75	3.53		61.23		58.03	59.46	55.77		78.61	<b>65.12</b>
Madhya Pradesh	57.87	87.73	48.72	18.50		98.02	28.43		62.45		54.38	64.60		32.93	68.43	<b>74.78</b>
Maharashtra	51.85	89.69	61.16	18.94		95.25			61.46		44.00	49.53	69.22	15.42	87.13	<b>74.97</b>
Mumbai	54.02	81.45		28.41		84.51	42.65	32.75	71.65		16.14	38.58	51.37	42.30	74.96	<b>59.23</b>
North East	90.25	84.94	57.14			80.78	21.05		59.66	33.11		76.85			81.41	<b>77.70</b>
Orissa	47.37	90.91	59.05			74.37	5.12		54.04	37.21	214.71	48.95	40.36	9.49	79.09	<b>63.89</b>
Punjab	54.49	91.33	48.72	18.82	36.67	91.14	18.75		58.88		114.48	49.97			83.97	<b>70.75</b>
Rajasthan	84.96	93.08	48.90	24.30		108.34	11.90		59.46		41.37	45.93		12.09	77.24	<b>72.92</b>
Tamil Nadu	43.13	90.47	46.45	8.65		60.29			59.09		54.21	52.57	51.91	40.57	84.60	<b>61.68</b>
U.P.(E)	60.18	91.46	42.17	23.91		88.51			62.72		53.07	45.11	70.58	10.70	82.42	<b>71.04</b>
U.P.(W)	54.97	72.04	42.65	14.55		91.90			58.24		54.38	43.85	62.99	25.80	83.31	<b>68.14</b>
West Bengal	46.96	79.54	47.80			77.47			65.51		67.61	36.94	64.81	15.73	88.21	<b>69.98</b>
<b>Total</b>	<b>52.43</b>	<b>88.86</b>	<b>52.79</b>	<b>31.86</b>	<b>36.67</b>	<b>91.55</b>	<b>42.62</b>	<b>37.42</b>	<b>62.67</b>	<b>42.21</b>	<b>48.77</b>	<b>50.40</b>	<b>61.08</b>	<b>37.26</b>	<b>81.01</b>	<b>70.30</b>

**Wireline Subscriber Base**

**Annexure-III**

Circle	GROUP																Net Addition
	BSNL		MTNL		Bharti		Reliance		Tata		HFCL		Sistema		Circle-wise Total		
	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	Jul-11	Aug-11	
Andhra Pradesh	1975551	1979707			125403	125452	87035	87182	164108	166311					2352097	2358652	6555
Assam	253378	252899							2328	2445					255706	255344	-362
Bihar	1180040	1179729					4706	4725	9118	9237					1193864	1193691	-173
Delhi			1541484	1545269	1073768	1073885	179019	179577	64218	65671					2858489	2864402	5913
Gujarat	1671118	1662132			55056	55111	115278	114611	64432	64384					1905884	1896238	-966
Himachal Pradesh	323666	321466					4443	4451	1731	1725					329840	327642	-2198
Haryana	582518	578315			23543	23646	4460	4553	15676	15934					626197	622448	-3749
J & K	214954	214446					18	0	203	244					215175	214690	-485
Karnataka	2011819	2009361			490675	490721	108491	108839	112906	113490					2723891	2722411	-1480
Kerala	3148543	3137900			55523	55561	54542	54833	11149	11497					3269757	3259791	-9966
Kolkata	1169186	1163829			91627	91646	83729	83341	29053	29624					1373595	1368440	-5155
Madhya Pradesh	959446	949586			304829	304887	33927	34213	7119	7323					1305321	1296009	-9312
Maharashtra	2396487	2373260			70048	70104	98469	98947	212036	213952					2777040	2756263	-20777
Mumbai			1903007	1900947	331698	331799	225297	226114	530252	531218					2990254	2990078	-176
North East	258910	256963							197	209					259107	257172	-1935
Orissa	560961	561138					4124	4134	7014	7004					572099	572276	177
Punjab	1191290	1173419			105483	105561	36255	35742	16157	16091	194657	195137			1543842	1525950	-17892
Rajasthan	1116828	1111064			39208	39273	23812	24151	4951	4980			42029	43479	1226828	1222947	-3881
Tamil Nadu	2703975	2701117			485472	485626	142325	143056	57704	58694					3389476	3388493	-983
U.P.(E)	1347600	1337311			50361	50393	38568	38959	12242	12627					1448771	1439290	-9481
U.P.(W)	806213	793403			24054	24132	5438	5529	7200	7393					842905	830457	-12448
West Bengal	711511	696773					2314	2332	5515	5548					719340	704653	-14687
<b>Operator-wise Total</b>	<b>24583994</b>	<b>24453818</b>	<b>3444491</b>	<b>3446216</b>	<b>3326748</b>	<b>3327797</b>	<b>1252250</b>	<b>1255289</b>	<b>1335309</b>	<b>1345601</b>	<b>194657</b>	<b>195137</b>	<b>42029</b>	<b>43479</b>	<b>34179478</b>	<b>34067337</b>	<b>-112141</b>
<b>Net Additions during Aug-2011</b>		<b>-130176</b>		<b>1725</b>		<b>1049</b>		<b>3039</b>		<b>10292</b>		<b>480</b>		<b>1450</b>		<b>-112141</b>	

**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.

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