

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 10<sup>th</sup> September, 2014

(www.trai.gov.in)

**Highlights on Telecom Subscription Data as on 31<sup>st</sup> July, 2014**

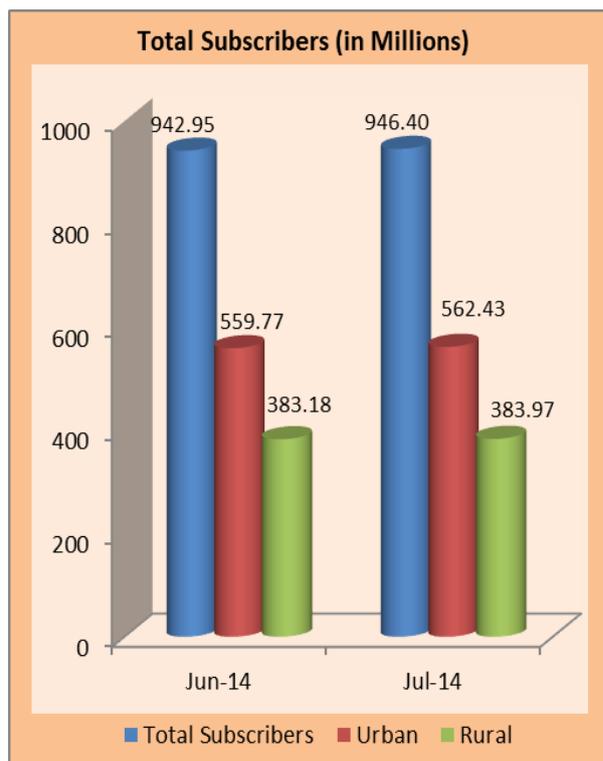
Particulars	Wireless	Wireline	Total Wireless + Wireline
<b>Total Subscribers</b> (Million)	<b>918.72</b>	<b>27.68</b>	<b>946.40</b>
Total Monthly Net Addition (Million)	3.80	-0.35	3.45
Monthly Growth	0.42%	-1.23%	0.37%
<b>Urban Subscribers</b> (Million)	<b>540.44</b>	<b>22.00</b>	<b>562.43</b>
Urban Subscribers Monthly Net Addition (Million)	2.87	-0.22	2.66
Monthly Growth	0.53%	-0.97%	0.47%
<b>Rural Subscribers</b> (Million)	<b>378.29</b>	<b>5.68</b>	<b>383.97</b>
Rural Subscribers Monthly Net Addition (Million)	0.93	-0.13	0.80
Monthly Growth	0.25%	-2.25%	0.21%
<b>Overall Tele-density*</b>	<b>73.78</b>	<b>2.22</b>	<b>76.00</b>
Urban Tele-density*	140.96	5.74	146.70
Rural Tele-density*	43.90	0.66	44.56
Share of Urban Subscribers	58.82%	79.46%	59.43%
Share of Rural Subscribers	41.18%	20.54%	40.57%
<b>No. of Broadband Subscribers</b> (Million)	<b>55.77</b>	<b>15.04</b>	<b>70.81</b>

- ❖ Mobile Number Portability requests increased from 123.87 million subscribers at the end of June, 2014 to 126.72 million at the end of July, 2014. In the month of July, 2014 alone 2.86 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in July, 2014 are 797.06 million, 86.76% of the total wireless subscribers.

\* Based on the population projections from Census data published by the Office of Registrar General & Census Commissioner of India.

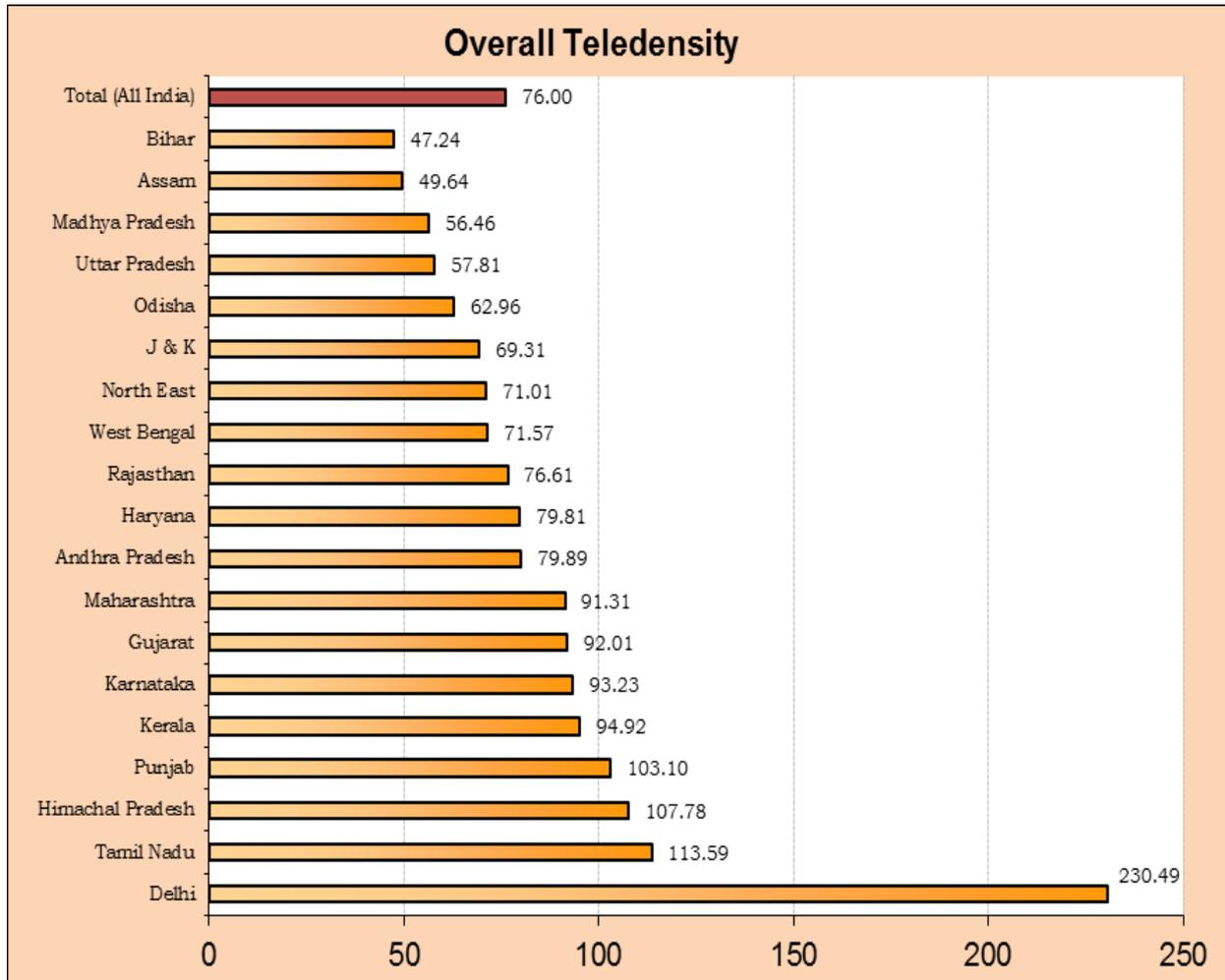
## I. Total Telephone Subscribers

• The number of telephone subscribers in India increased from 942.95 million at the end of June, 2014 to 946.40 million at the end of July, 2014, thereby showing a monthly growth of 0.37%. The urban subscription increased from 559.77 million at the end of June, 2014 to 562.43 million at the end of July, 2014 and the rural subscription increased from 383.18 million to 383.97 million during the same period. The monthly growth rates of urban and rural subscription are 0.47% and 0.21% respectively.



• The overall Tele-density in India increased from 75.80 at the end of June, 2014 to 76.00 at the end of July, 2014. The overall urban Tele-density has increased from 146.24 to 146.70 and Rural Tele-density increased from 44.50 to 44.56 in this month. The shares of urban and rural subscribers at the end of July, 2014 are 59.43% and 40.57% respectively.

## Overall Tele-density (Circle/State Wise) – As on 31<sup>st</sup> July, 2014

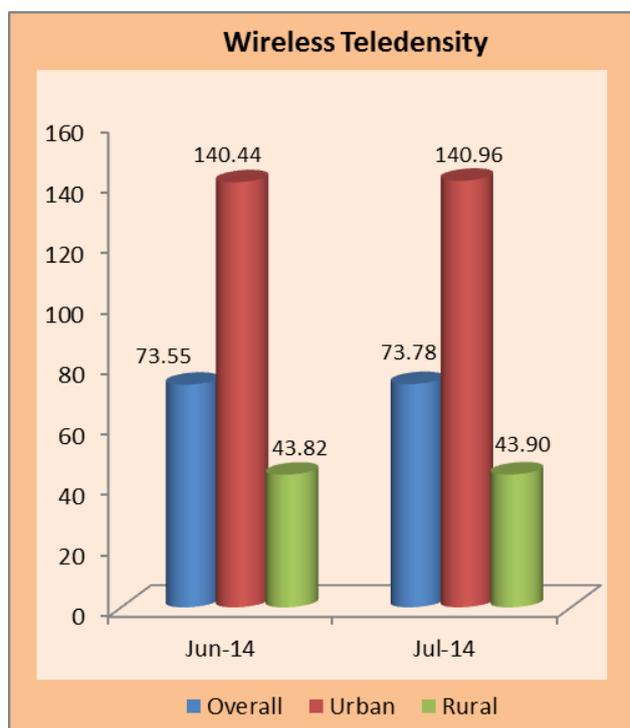


### Notes:

1. Population data/Projections are available state wise only.
2. Tele-density figures are derived from the subscriber data provided by the operators and the population projections published by the Office of the Registrar General & Census Commissioner, India.
3. Delhi Service area, apart from the State of Delhi, includes wireless subscribers of the areas served by the local exchanges of Ghaziabad & Noida (in UP) and Gurgaon & Faridabad (in Haryana). West Bengal service area includes Kolkata, Maharashtra includes Mumbai and Tamil Nadu includes Chennai

## II. Wireless Segment (GSM, CDMA & FWP)

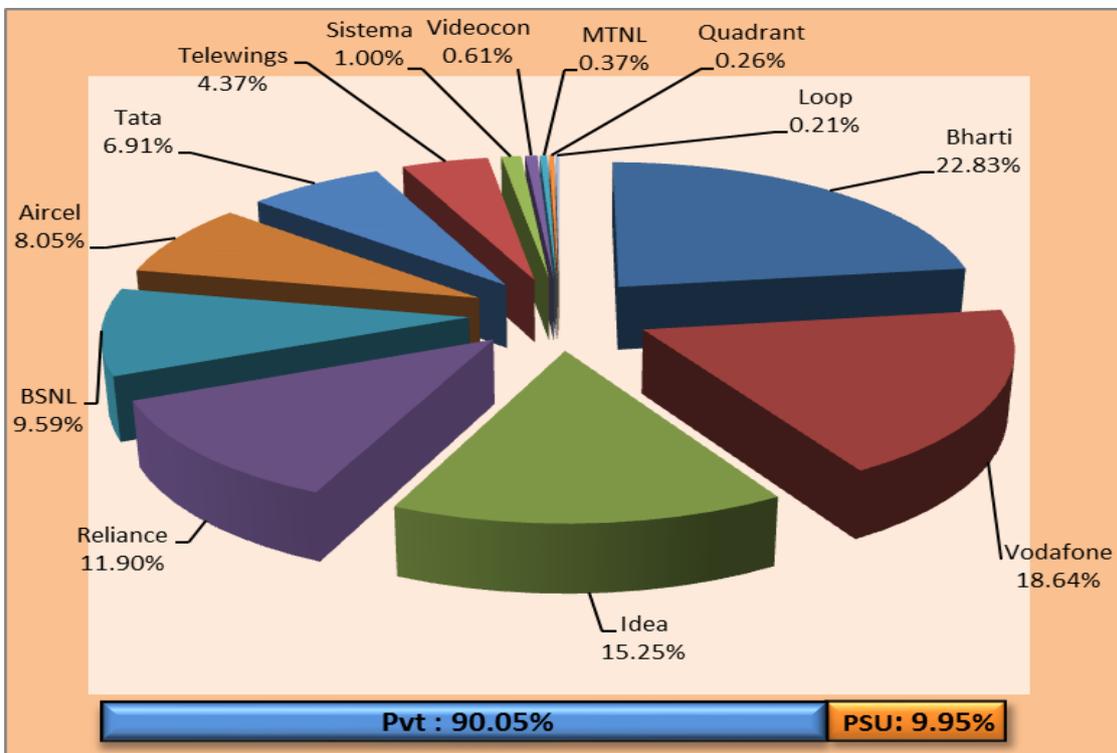
- Total wireless subscriber base increased from 914.92 million at the end of June, 2014 to 918.72 million at the end of July, 2014, registering a monthly growth of 0.42%. Wireless subscription in urban areas increased from 537.56 million at the end of June, 2014 to 540.44 million at the end of July, 2014. The wireless subscription in rural areas increased from 377.36 million to 378.29 million during the same period. The shares of urban and rural wireless subscribers are 58.82% and 41.18% respectively at the end of July, 2014.



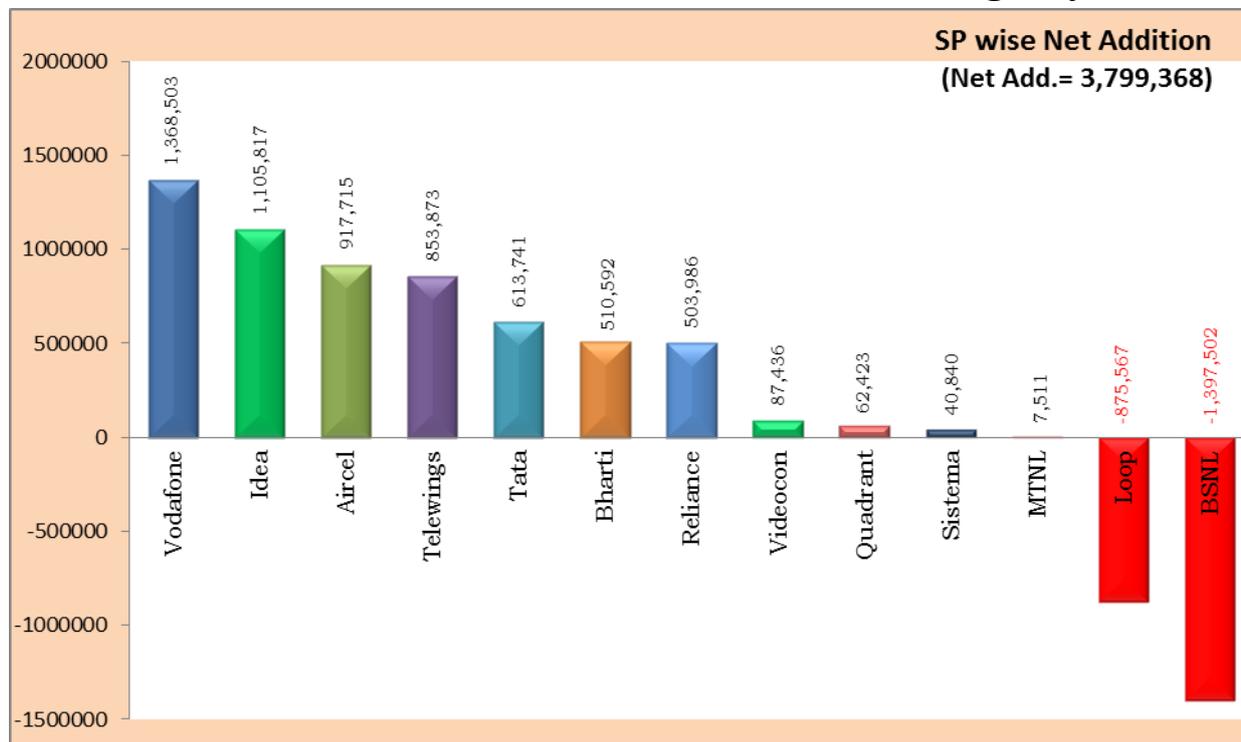
- The overall wireless Teledensity in India has increased from 73.55 at the end of June, 2014 to 73.78 at the end of July, 2014. The urban wireless Teledensity increased from 140.44 to 140.96 and rural Tele-density increased from 43.82 to 43.90. Detailed statistics of wireless subscriber base is available at Annexure-I.

- Private operators hold 90.05% of the wireless subscriber market share where as BSNL and MTNL, the two PSU operators hold only 9.95% market share. The graphical representations of market shares and shares in net additions of all the service providers during the month of July, 2014 are given below:

**A. Service Provider wise Market Share as on 31<sup>st</sup> July, 2014.**



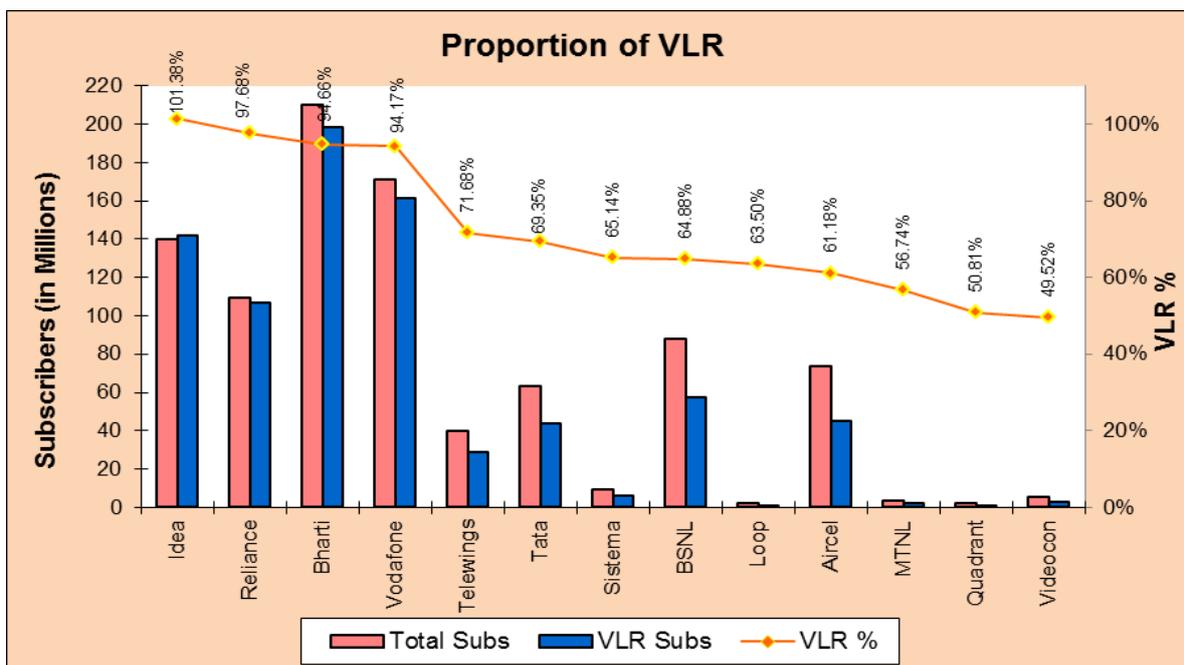
**B. Service Provider wise net subscriber addition during July, 2014**



### III. VLR Data

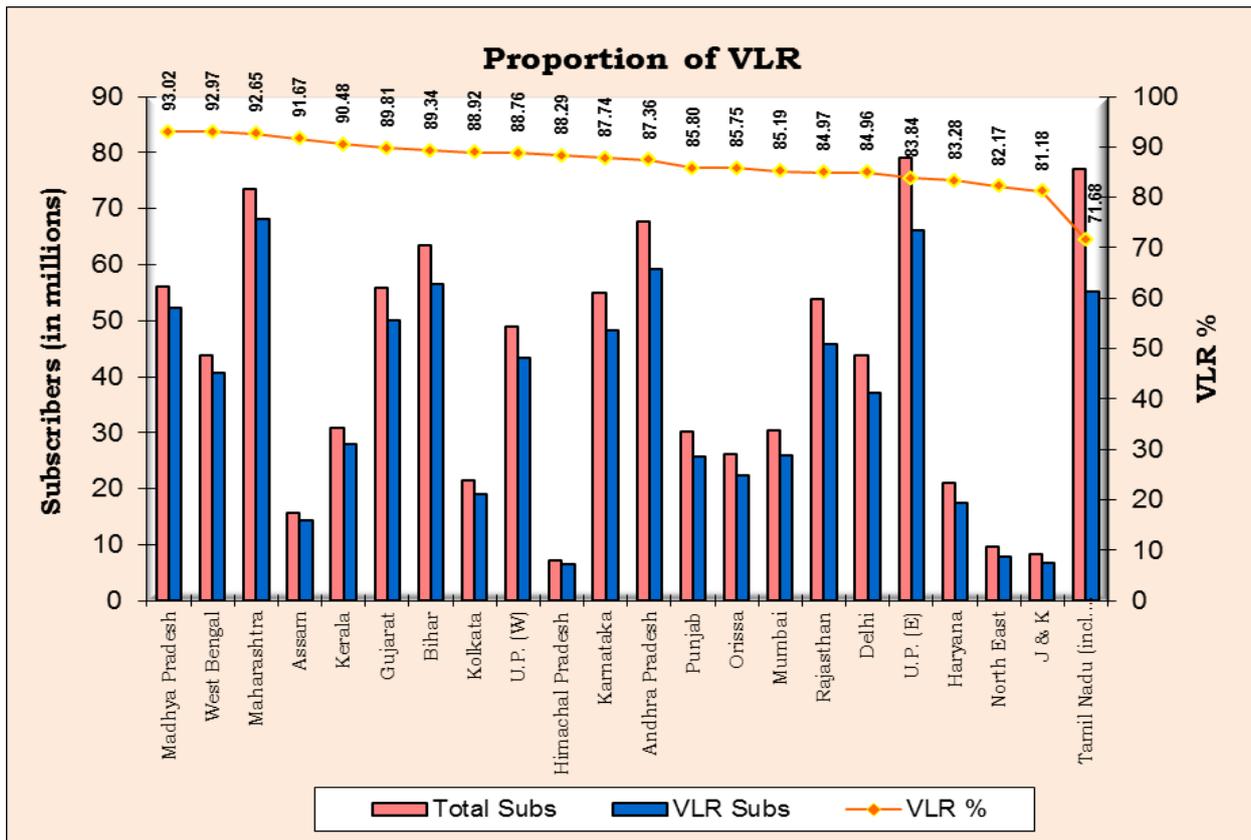
- Out of the total 918.72 million wireless subscribers, 797.06 million were active on the date of Peak VLR for the month of July, 2014. The proportion of VLR subscribers is approximately 86.76% of the total wireless subscriber base reported by the service providers.
- Service Provider wise, Idea leads the tally with 101.38% (>100% due to more number of inroamers) followed by Reliance (97.68%) and Bharti (94.66%). Videocon has the lowest proportion of VLR with 49.52%. Circle-wise, Madhya Pradesh has the highest proportion of VLR subscribers with 93.02% followed by West Bengal (92.97%) and Maharashtra (92.65%). Tamil Nadu (incl. Chennai) has the lowest VLR proportion with 71.68%.
- The detailed statistics of proportionate VLR is at Annexure-II & methodology used for reporting subscriber base/active subscribers is at Annexure-IV.

#### A. Proportion of VLR subscribers (Service Provider wise) – July, 2014

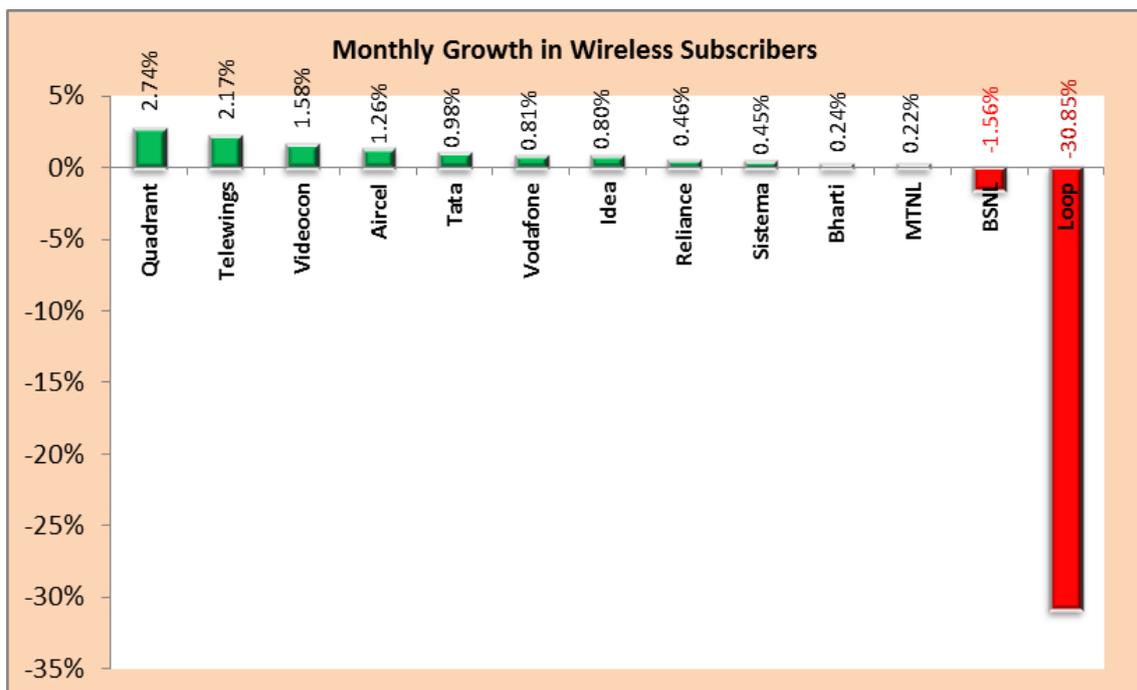


Note : 1. Peak VLR of M/s Idea Cellular is more than its HLR due to more number of inroamers.  
 2. Telewings was formerly known as Unitech.

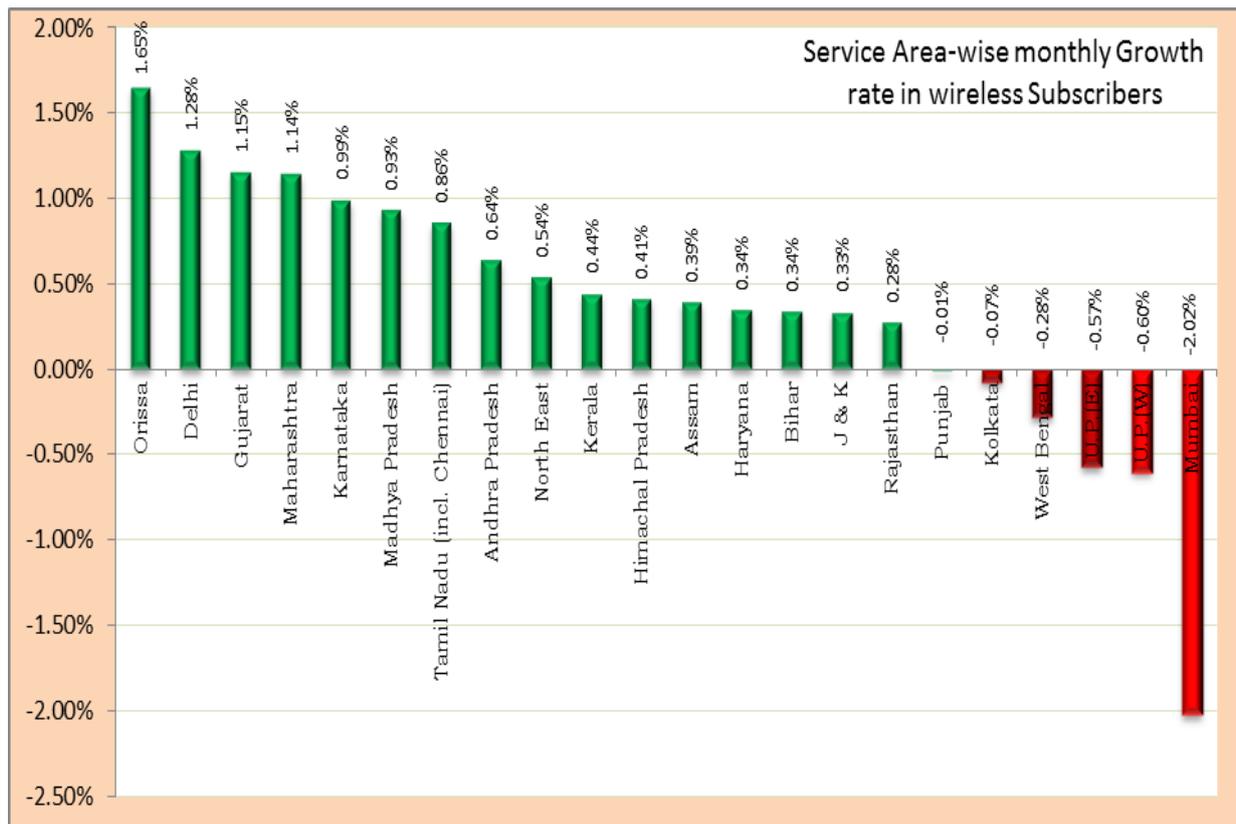
### C. Proportion of VLR subscribers (Service Area wise) – July, 2014



### D. Service Provider wise monthly growth in total wireless subscribers during July, 2014



**E. Service Area wise monthly growth in total wireless subscribers during July, 2014**



**IV. Mobile Number Portability**

- As per the data reported by the service providers, by the end of July, 2014 about 126.72 million subscribers have submitted their requests to different service providers for porting their mobile number.
- In MNP Zone-I (Northern & Western India) maximum number of requests have been received in Rajasthan (about 12.68 million) followed by Gujarat (about 10.69 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (about 14.34 million) followed by Andhra Pradesh Service area (about 11.83 million).

- In the month of July, 2014, total number of subscribers who have submitted their request for MNP is 2.86 million. The status of MNP requests in various service areas is given below:

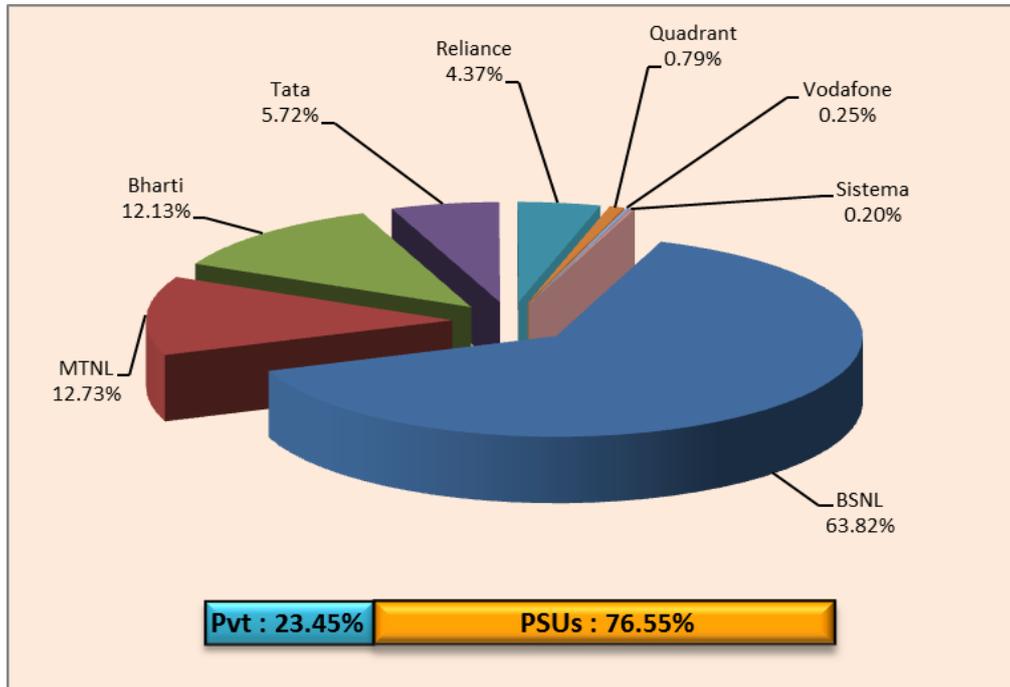
<b>Service Area Wise MNP Status at the end of July, 2014</b>			
<b>Zone - 1</b>		<b>Zone - 2</b>	
<b>Service Area</b>	<b>Number of Porting Requests</b>	<b>Service Area</b>	<b>Number of Porting Requests</b>
Delhi	4880879	Andhra Pradesh	11826424
Gujarat	10688519	Assam	434685
Himachal Pradesh	434721	Bihar	2935684
Haryana	4748554	Karnataka	14341917
Jammu & Kashmir	26245	Kerala	4792263
Maharashtra	9847578	Kolkata	2882396
Mumbai	5769700	Madhya Pradesh	7226353
Punjab	4385916	North East	223667
Rajasthan	12684001	Orissa	2671570
Uttar Pradesh - East	6789431	Tamil Nadu	7633486
Uttar Pradesh - West	6628998	West Bengal	4870292
<b>Total</b>	<b>66,884,542</b>	<b>Total</b>	<b>59,838,737</b>
<b>Total (Zone-1 + Zone-2)</b>			<b>126,723,279</b>
<b>Net Addition (in July, 2014)</b>			<b>2,856,500</b>

#### **v. Wireline Segment**

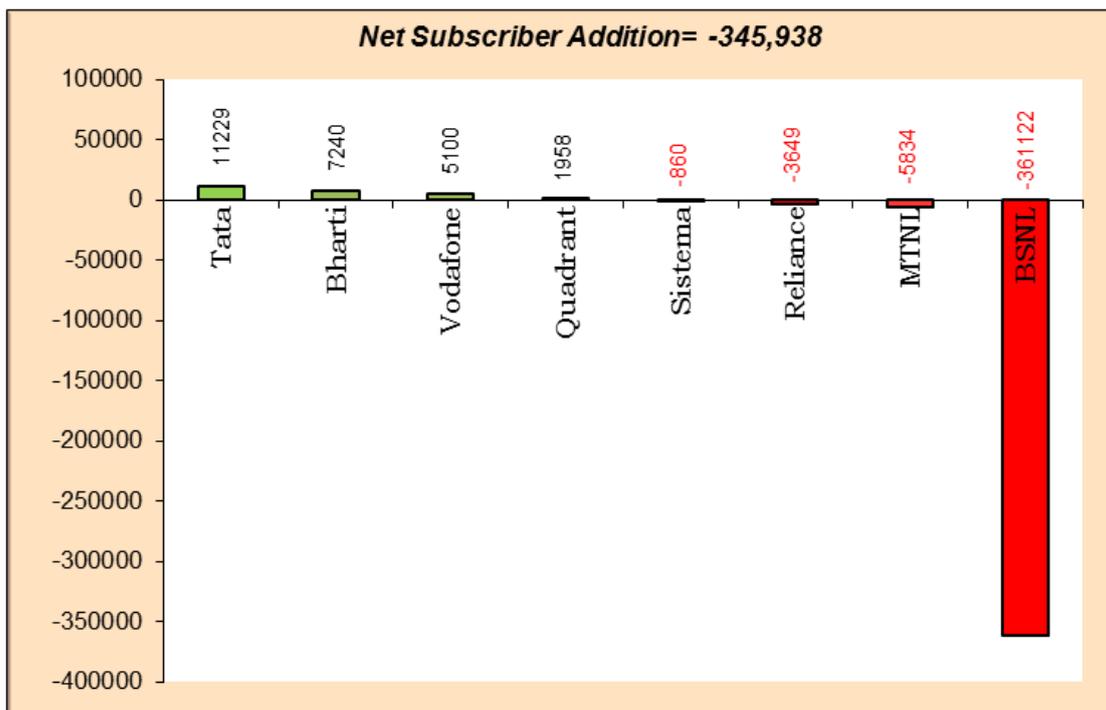
- Wireline subscriber base declined from 28.03 million at the end of June, 2014 to 27.68 Million at the end of July, 2014. Net reduction in wireline subscriber base was 0.35 million at the decline rate of 1.23%. The share of urban and rural subscribers in total wireline subscribers are 79.46% and 20.54% respectively at the end of July, 2014.
- The overall wireline Tele-density decreased from 2.25 in June, 2014 to 2.22 in July, 2014, with urban and rural Teledensity being 5.74 and 0.66 respectively. BSNL and MTNL, the two PSU operators hold 76.55% of the wireline market share. Detailed statistics of wireline subscriber base is at Annexure-III.

- The graphical presentation of market share of all service providers as on 31<sup>st</sup> July, 2014 is given below:

**F. Service Provider wise Market Share of wireline subscribers as on 31<sup>st</sup> July, 2014**



**G. Wireline Service Provider wise Net addition/decline during July, 2014**



Note : M/s Vodafone has informed that they have only Primary Rate Interfaces (PRIs) customer of wireline service.

## **VI. Category wise Growth**

- As can be seen from the following tables, in Wireless segment, the Circles in Category-A show the highest net addition and the highest rate of monthly growth of subscriber base. In Wireline segment, Circles in Category-B show the highest net decline the highest monthly decline rate in subscriber base during the month of July, 2014.

### **Category wise Net Additions and subscriber base**

Category	Net Additions during the month of July, 2014		Subscriber Base as on 31 <sup>st</sup> July, 2014	
	Wireline	Wireless	Wireline	Wireless
Circle A	-80145	3090669	10980540	329209566
Circle B	-241815	-6119	8045688	363594731
Circle C	-12627	806626	1453281	130263017
Metro	-11351	-91808	7200175	95656552
<b>All India</b>	<b>-345,938</b>	<b>3,799,368</b>	<b>27,679,684</b>	<b>918,723,866</b>

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

Category	Monthly Rate of Growth (%) (Jun-14 to Jul-14)		Yearly Rate of Growth (%) (Jul-13 to Jul-14)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.72	0.95	-6.47	5.27
Circle B	-2.92	-0.002	-11.82	4.64
Circle C	-0.86	0.62	-7.86	5.72
Metro	-0.16	-0.10	0.90	4.58
<b>All India</b>	<b>-1.23</b>	<b>0.42</b>	<b>-6.42</b>	<b>5.01</b>

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

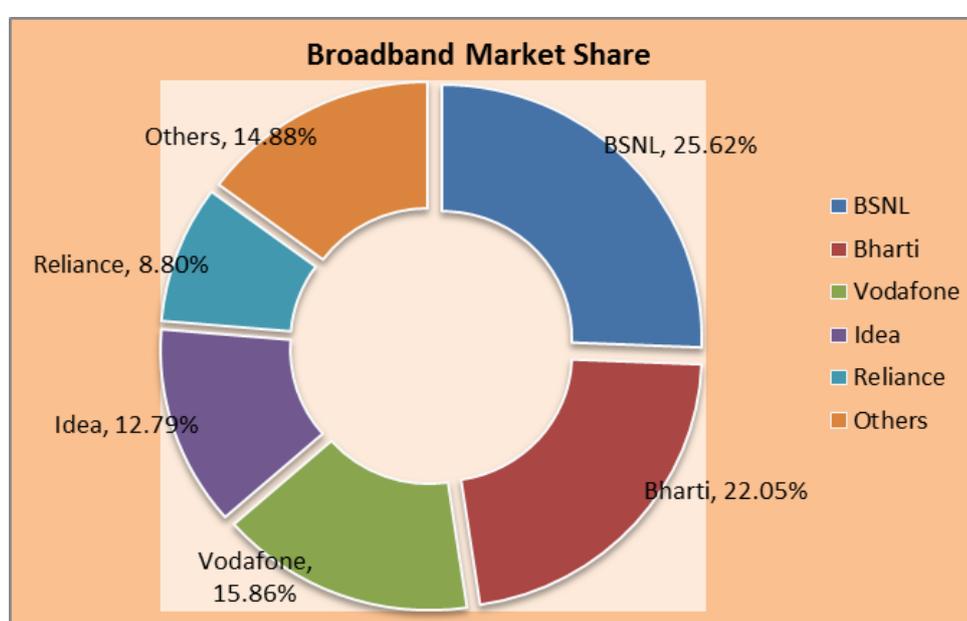
## VII. Broadband ( $\geq$ 512 Kbps download)

- As per the reports received from the Broadband service providers, number of broadband subscribers increased from 68.83 Million at the end of Jun-14 to 70.81 million at the end of Jul-14 with monthly growth rate of 2.87%. Segment wise broadband subscriber base are as below :

Sl. No.	Segment	Broadband subscribers (in million)		% Change
		Jun-14	Jul-14	
01	Wired Subscribers	14.97	15.04	0.45
02	Mobile devices users (Phones + Dongles)	53.44	55.34	3.56
03	Fixed Wireless (Wi-Fi, Wi-Max, Point-to-Point Radio & VSAT)	0.42	0.43	1.54
	<b>Total</b>	<b>68.83</b>	<b>70.81</b>	<b>2.87</b>

- Top five broadband service providers constitute 85.12% market share of total broadband subscribers at the end of Jul-14. They are BSNL (18.14 million), Bharti (15.61 million), Vodafone (11.23 million), Idea Cellular Ltd\* (9.06 million) and Reliance Communications Group\* (6.23 million).

## H. Composition of Broadband (wired+wireless) Market Share



- Top five Wired Broadband Service providers are BSNL (9.98 million), Bharti (1.40 million), MTNL (1.13 million), Beam Telecom (0.40 million) and YOU Broadband (0.40 million).
- Top five Wireless Broadband Service providers are Bharti (14.21 million), Vodafone (11.23 million), Idea Cellular Ltd (9.06 million), BSNL (8.16 million) and Reliance Communications Group (6.12 Million).

*\* Wireless subscribers with less than 1MB data usage in a month are not considered as internet/broadband subscribers by Reliance Communication Group and Idea Cellular Ltd.*

Contact details in case of any clarification:

**Manish Sinha, Advisor (F&EA), TRAI**

Mahanagar Doorsanchar Bhawan

Jawahar Lal Nehru Marg,

New Delhi – 110002,

Ph: 011-23230752

Fax: 011-23236650

E-mail: manishsinha@traigov.in

Authorised to issue:

**(Manish Sinha)  
Advisor (F&EA)**

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

**Wireless Subscriber Base**

Page 1 of 2

Annexure-I

Circle	Group													
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel		BSNL	
	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14
Andhra Pradesh	20307671	20430991	4993762	4913378	6268583	6370618	6174062	6153102	12484011	12631404	2077121	2127382	9928728	9909625
Assam	4668494	4692276	2197040	2192884	2907768	2917978			624222	632671	3858881	3890231	1309794	1300835
Bihar	22587743	22533606	9240916	9471733	7649524	7685362	2627807	2557637	6982762	6856705	5336519	5392248	3168865	3115709
Delhi	10433741	10561710	7820481	7918777	9112237	9188895	2882399	2876952	5526170	5617071	4140021	4284324		
Gujarat	7421271	7443789	6049361	6112047	17472490	17735776	3010667	3110535	9664498	9890916	22063	22063	3254813	3222330
Haryana	2427997	2413514	1901990	1933924	4966708	4949503	2561271	2602940	4228001	4215124	4092	3592	3191713	3199231
Himachal Pradesh	2270981	2290683	1455880	1426868	567694	578418	121444	119037	592136	605574	830600	845662	1434600	1436898
J & K	2772593	2792045	750883	736966	838072	860146			398847	411571	2204302	2229294	1290543	1252632
Karnataka	17475084	17608463	5235050	5296925	7275039	7347737	6077572	6245533	6907472	7081626	2682547	2680731	7061547	7001216
Kerala	3773396	3771318	1827111	1806322	6759648	6789275	1685521	1689128	8978257	9046932	918	918	7244722	7297997
Kolkata	3917471	3928115	3781404	3699595	4774516	4740717	2850912	2871900	1379890	1422581	3252443	3284972	842334	835696
Madhya Pradesh	10802943	10620076	11623395	12021594	4848870	4962479	4281601	4462259	18154386	18138137	22694	22694	3852657	3848148
Maharashtra	10587225	10773067	6872070	6971383	15721486	15949616	6238547	6264513	19317864	19557617	1582452	1631184	5660113	5632914
Mumbai	4503271	4541890	5967106	5994366	7652973	7737658	3437040	3454062	3455898	3499365	2154545	2185706		
North East	3172049	3176998	842966	850162	1197676	1203468			360806	364446	2425958	2440428	1548919	1563996
Orissa	8149567	8218533	3577120	3757322	3508360	3546628	2153809	2182013	1132852	1148545	3750790	3820473	3371156	3392612
Punjab	7554552	7535163	2715217	2780293	4705952	4716532	2379990	2395683	5908878	5909524	957827	966699	3618831	3471420
Rajasthan	16185331	16242896	5874616	5726611	10331785	10360760	1945085	1924582	6185052	6227703	4933132	5083671	6039398	6057847
Tamil Nadu (incl. Chennai)	14825189	14856451	5696306	5896534	13333533	13452204	5565273	5627832	2997295	3140362	23128580	23212685	9900543	9914547
U.P.(E)	17515960	17410290	7762298	7730553	16468149	16395808	4202297	4258216	8382457	8238207	5513118	5601849	10391611	9769154
U.P.(W)	7097427	7049086	5319079	5250391	10001288	10051406	3597100	3636946	11964658	12038434	109150	109150	4337630	3843236
West Bengal	10799306	10868894	7345695	6865104	13535248	13725118	1077115	1050383	3384540	3442254	4083779	4153291	2024855	2009827
<b>Total</b>	<b>209249262</b>	<b>209759854</b>	<b>108849746</b>	<b>109353732</b>	<b>169897599</b>	<b>171266102</b>	<b>62869512</b>	<b>63483253</b>	<b>139010952</b>	<b>140116769</b>	<b>73071532</b>	<b>73989247</b>	<b>89473372</b>	<b>88075870</b>
<b>Net Addition</b>		<b>510592</b>		<b>503986</b>		<b>1368503</b>		<b>613741</b>		<b>1105817</b>		<b>917715</b>		<b>-1397502</b>

## Wireless Subscriber Base

## Annexure-I

Page 2 of 2

## Group

Circle	MTNL		Telewings		Sistema		Loop		Videocon		Quadrant		Total		Net Add.
	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	
Andhra Pradesh			5051185	5179970									67285123	67716470	431347
Assam													15566199	15626875	60676
Bihar			5575453	5771724									63169589	63384724	215135
Delhi	2305792	2308385			986323	1003476							43207164	43759590	552426
Gujarat			6160544	6129458	175964	177931			1890331	1911910			55122002	55756755	634753
Haryana									1583100	1618848			20864872	20936676	71804
Himachal Pradesh													7273335	7303140	29805
J & K													8255240	8282654	27414
Karnataka					1774037	1765085							54488348	55027316	538968
Kerala					401735	405016							30671308	30806906	135598
Kolkata					672723	672318							21471693	21455894	-15799
Madhya Pradesh									2076794	2106903			55663340	56182290	518950
Maharashtra			6776376	6805123									72756133	73585417	829284
Mumbai	1060512	1065430					2838158	1962591					31069503	30441068	-628435
North East													9548374	9599498	51124
Orissa													25643654	26066126	422472
Punjab											2280966	2343389	30122213	30118703	-3510
Rajasthan					2157342	2175229							53651741	53799299	147558
Tamil Nadu (incl. Chennai)					1020572	1022993							76467291	77123608	656317
U.P.(E)			9195375	9571501									79431265	78975578	-455687
U.P.(W)			6554566	6709596	212058	207556							49192956	48895801	-297155
West Bengal					1752617	1764607							44003155	43879478	-123677
<b>Total</b>	<b>3366304</b>	<b>3373815</b>	<b>39313499</b>	<b>40167372</b>	<b>9153371</b>	<b>9194211</b>	<b>2838158</b>	<b>1962591</b>	<b>5550225</b>	<b>5637661</b>	<b>2280966</b>	<b>2343389</b>	<b>914924498</b>	<b>918723866</b>	<b>3799368</b>
<b>Net Addition</b>		<b>7511</b>		<b>853873</b>		<b>40840</b>		<b>-875567</b>		<b>87436</b>		<b>62423</b>		<b>3799368</b>	

**Proportion of VLR on the date of Peak VLR in the month of Jul-14 (%)**

**Annexure-II**

Circle	Aircel	Bharti	BSNL	Quadrant	Idea*	Loop	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	57.08	98.16	64.01		101.27			99.10		74.88	68.14		90.22	<b>87.36</b>
Assam	85.10	97.62	80.17		92.82			93.77					94.16	<b>91.67</b>
Bihar	69.23	96.44	61.72		103.16			98.76		54.10	75.42		92.06	<b>89.34</b>
Delhi	61.76	82.47			99.88		46.21	99.14	47.73	59.81			98.95	<b>84.96</b>
Gujarat	50.24	95.49	86.72		102.35			99.07	82.35	67.60	69.29	50.42	93.17	<b>89.81</b>
Haryana	4.70	96.72	52.49		98.76			98.63		73.39		47.31	94.47	<b>83.28</b>
Himachal Pradesh	59.73	96.56	78.64		108.78			93.88		47.83			94.33	<b>88.29</b>
J & K	83.95	82.60	75.31		91.24			70.81					82.00	<b>81.18</b>
Karnataka	57.01	99.34	57.30		102.96			99.19	65.54	78.07			90.79	<b>87.74</b>
Kerala	104.79	98.76	76.54		100.92			94.43	61.28	72.00			92.21	<b>90.48</b>
Kolkata	73.05	95.98	87.25		94.54			98.92	95.05	70.29			95.31	<b>88.92</b>
Madhya Pradesh	2.97	97.71	77.12		104.22			94.72		70.91		50.39	88.69	<b>93.02</b>
Maharashtra	62.85	96.39	84.88		102.78			99.27		75.61	70.11		96.91	<b>92.65</b>
Mumbai	60.23	92.52			94.02	63.50	79.56	98.68		67.09			87.87	<b>85.19</b>
North East	72.43	96.09	63.58		88.88			83.58					86.28	<b>82.17</b>
Orissa	57.46	95.78	88.26		93.45			95.80		67.95			88.41	<b>85.75</b>
Punjab	48.33	93.92	71.69	50.81	99.42			98.91		65.43			93.83	<b>85.80</b>
Rajasthan	66.57	91.07	45.20		103.05			99.31	59.53	87.82			93.69	<b>84.97</b>
Tamil Nadu (incl. Chennai)	48.14	94.00	47.94		85.32			94.68	65.73	65.23			95.04	<b>71.68</b>
U.P. (E)	62.94	90.74	53.20		104.14			99.28		60.53	71.59		97.61	<b>83.84</b>
U.P. (W)	40.30	92.14	62.60		100.66			99.11	55.71	65.36	75.11		95.54	<b>88.76</b>
West Bengal	75.74	96.69	81.52		103.05			99.16	70.08	52.01			97.36	<b>92.97</b>
<b>Total</b>	<b>61.18</b>	<b>94.66</b>	<b>64.88</b>	<b>50.81</b>	<b>101.38</b>	<b>63.50</b>	<b>56.74</b>	<b>97.68</b>	<b>65.14</b>	<b>69.35</b>	<b>71.68</b>	<b>49.52</b>	<b>94.17</b>	<b>86.76</b>

\*Peak VLR in some circles of M/s Idea Cellular and Kerala circle of M/s Aircel are more than their HLR due to more number of inroamers.

Wireline Subscriber Base																	Annexure-III	
Circle	Group																	
	BSNL		MTNL		Bharti		Reliance		Tata		Quadrant		Sistema		Vodafone		Total	
	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14	Jun-14	Jul-14
Andhra Pradesh	1615613	1601699			123732	123157	85360	85534	167620	168438					8,190	8,460	2000515	1987288
Assam	181234	180488													1,110	1,230	182344	181718
Bihar	361890	359071					5925	5953	11791	11831					510	660	380116	377515
Delhi			1602887	1603141	1195744	1195841	182301	182495	109158	110552					17,760	18,750	3107850	3110779
Gujarat	1419144	1393960			58116	58906	91430	89841	76996	77885					1,530	1,890	1647216	1622482
Haryana	439,872	436,466			16443	16542	5206	5191	28123	28705					60	90	489704	486994
Himachal Pradesh	239,288	236,347					4849	4858	2514	2619						90	246651	243914
J & K	182,678	179,580															182678	179580
Karnataka	1486663	1474860			495329	498424	119957	121194	167400	169142					5,490	5,850	2274839	2269470
Kerala	2730542	2710402			48371	48358	48612	46632	13310	13422					390	450	2841225	2819264
Kolkata	828191	816325			104767	105386	80731	80722	42682	43477					1860	2220	1058231	1048130
Madhya Pradesh	830903	830507			226465	227320	22182	22171	19010	19256					180	270	1098740	1099524
Maharashtra	1836789	1821017			69245	69785	93314	90964	261089	263218					8,670	8,970	2269107	2253954
Mumbai			1926005	1919917	350285	349736	235650	236238	523995	525085					9,510	10,290	3045445	3041266
North East	133,017	131,349													60	60	133077	131409
Orissa	330073	328169					3022	2885	7467	7611					480	480	341042	339145
Punjab	843787	835074			91633	91913	21484	21772	17176	16951	216315	218273			360	540	1190755	1184523
Rajasthan	774308	765719			38402	38613	22105	22001	8916	9227			55988	55128	1,500	1,560	901219	892248
Tamil Nadu (incl. Chennai)	2175940	2151468			458624	459896	144372	144414	85242	86138					4830	5430	2869008	2847346
U.P.(E)	643829	450653			52107	52735	38703	38697	15040	15084					720	960	750399	558129
U.P.(W)	488665	484839			20703	20594	6398	6399	9576	9625					270	330	525612	521787
West Bengal	484277	477588					1910	1901	3632	3700					30	30	489849	483219
<b>Total</b>	<b>18026703</b>	<b>17665581</b>	<b>3528892</b>	<b>3523058</b>	<b>3349966</b>	<b>3357206</b>	<b>1213511</b>	<b>1209862</b>	<b>1570737</b>	<b>1581966</b>	<b>216315</b>	<b>218273</b>	<b>55988</b>	<b>55128</b>	<b>63510</b>	<b>68610</b>	<b>28025622</b>	<b>27679684</b>
<b>Net Addition</b>		<b>-361122</b>		<b>-5834</b>		<b>7240</b>		<b>-3649</b>		<b>11229</b>		<b>1958</b>		<b>-860</b>		<b>5100</b>		<b>-345938</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.

-----