

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 20<sup>th</sup> August, 2014

(www.trai.gov.in)

**Highlights on Telecom Subscription Data as on 30<sup>th</sup> June, 2014**

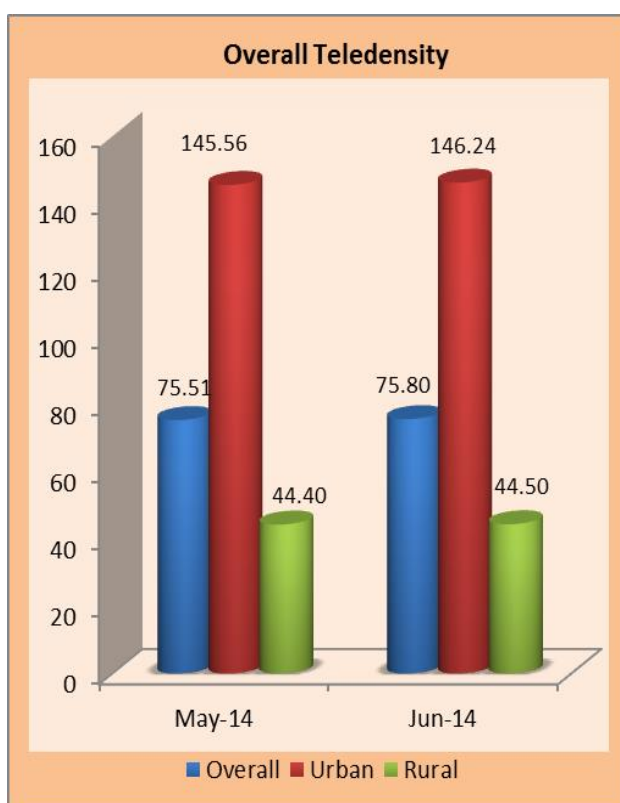
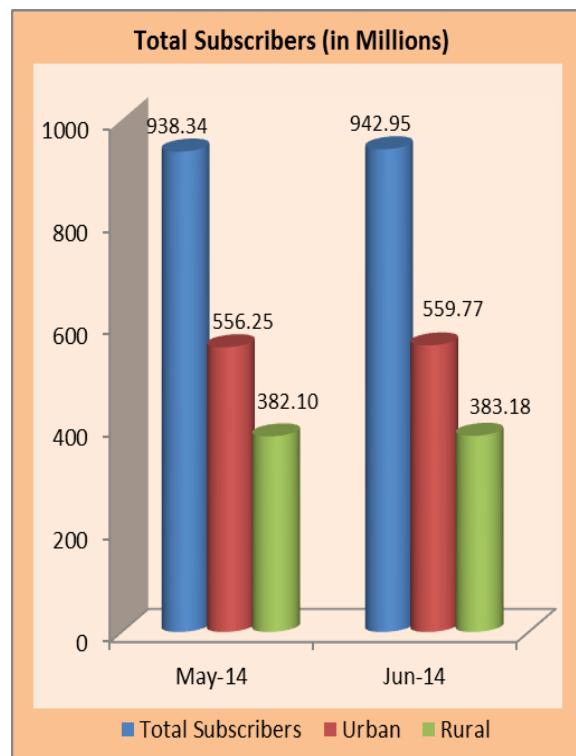
Particulars	Wireless	Wireline	Total Wireless + Wireline
<b>Total Subscribers</b> (Million)	914.92	28.03	942.95
Total Monthly Net Addition (Million)	4.77	-0.16	4.61
Monthly Growth	0.52%	-0.56%	0.49%
<b>Urban Subscribers</b> (Million)	<b>537.56</b>	<b>22.21</b>	<b>559.77</b>
Urban Subscribers Monthly Net Addition (Million)	3.63	-0.10	3.53
Monthly Growth	0.68%	-0.45%	0.63%
<b>Rural Subscribers</b> (Million)	<b>377.36</b>	<b>5.81</b>	<b>383.18</b>
Rural Subscribers Monthly Net Addition (Million)	1.14	-0.06	1.08
Monthly Growth	0.30%	-1.00%	0.28%
<b>Overall Tele-density*</b>	<b>73.55</b>	<b>2.25</b>	<b>75.80</b>
Urban Tele-density*	140.44	5.80	146.24
Rural Tele-density*	43.82	0.68	44.50
Share of Urban Subscribers	58.76%	79.25%	59.36%
Share of Rural Subscribers	41.24%	20.75%	40.64%
<b>No. of Broadband Subscribers</b> (Million)	<b>53.86</b>	<b>14.97</b>	<b>68.83</b>

- ❖ Mobile Number Portability requests increased from 121.47 million subscribers at the end of May, 2014 to 123.87 million at the end of June, 2014. In the month of June, 2014 alone 2.39 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in June, 2014 are 795.58 million, 86.96% of the total wireless subscribers.

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

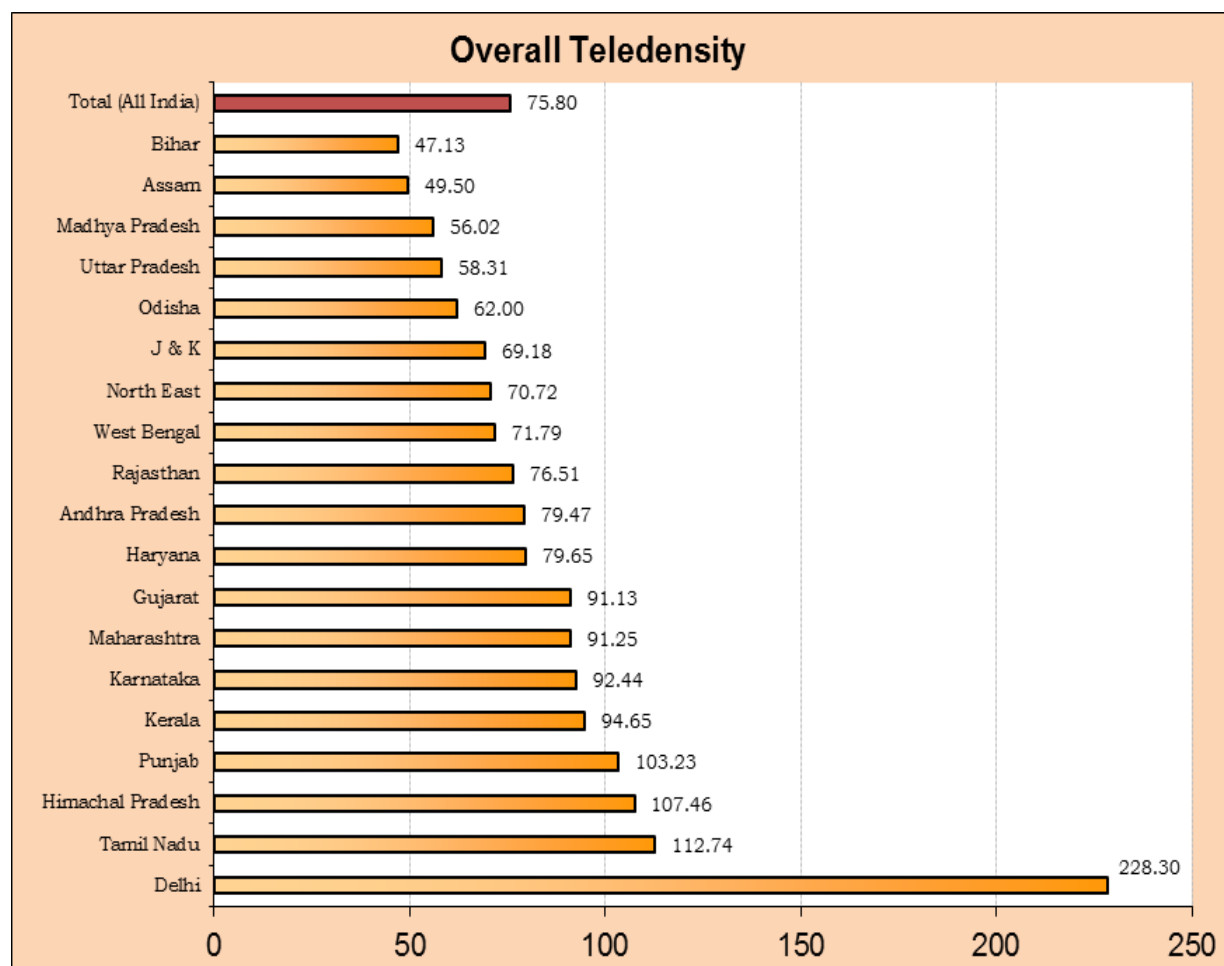
## I. Total Telephone Subscribers

• The number of telephone subscribers in India increased from 938.34 million at the end of May, 2014 to 942.95 million at the end of Jun, 2014, thereby showing a monthly growth of 0.49%. The share of urban subscribers has increased from 59.28% to 59.36%. While the total number of rural subscribers has increased, there is a marginal decrease in share of rural subscriber from 40.72% to 40.64% in the month of June, 2014. The overall Tele-density in India increased from 75.51 at the end of May, 2014 to 75.80 at the end of June, 2014.



• Telephone Subscription in the urban areas increased from 556.25 million at the end of May, 2014 to 559.77 million at the end of June, 2014 and subscription in rural areas increased from 382.10 million to 383.18 million during the same period. The monthly growth rate of urban and rural subscription is 0.63% and 0.28% respectively. The overall urban Tele-density has increased from 145.56 to 146.24 whereas Rural Tele-density increased from 44.40 to 44.50 in this month.

## Overall Tele-density (Circle/State Wise) – As on 30<sup>th</sup> June, 2014

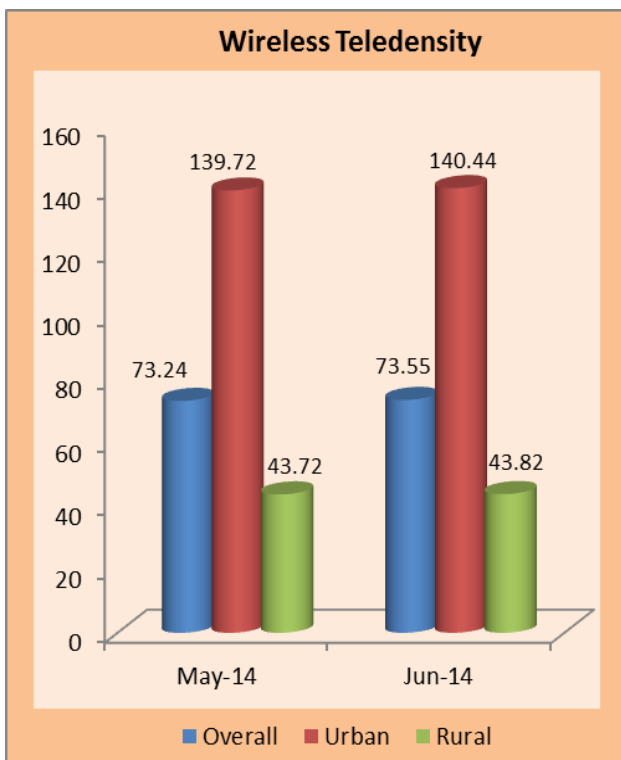
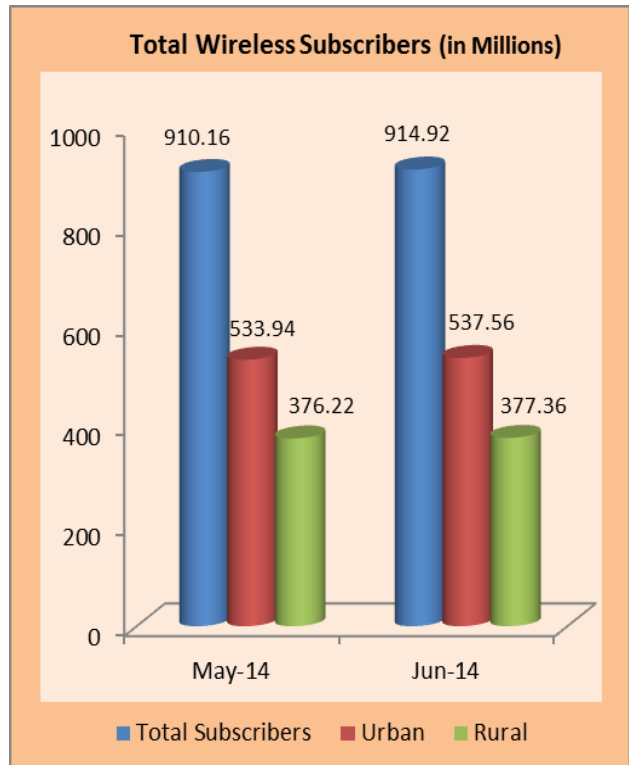


### Notes:

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)

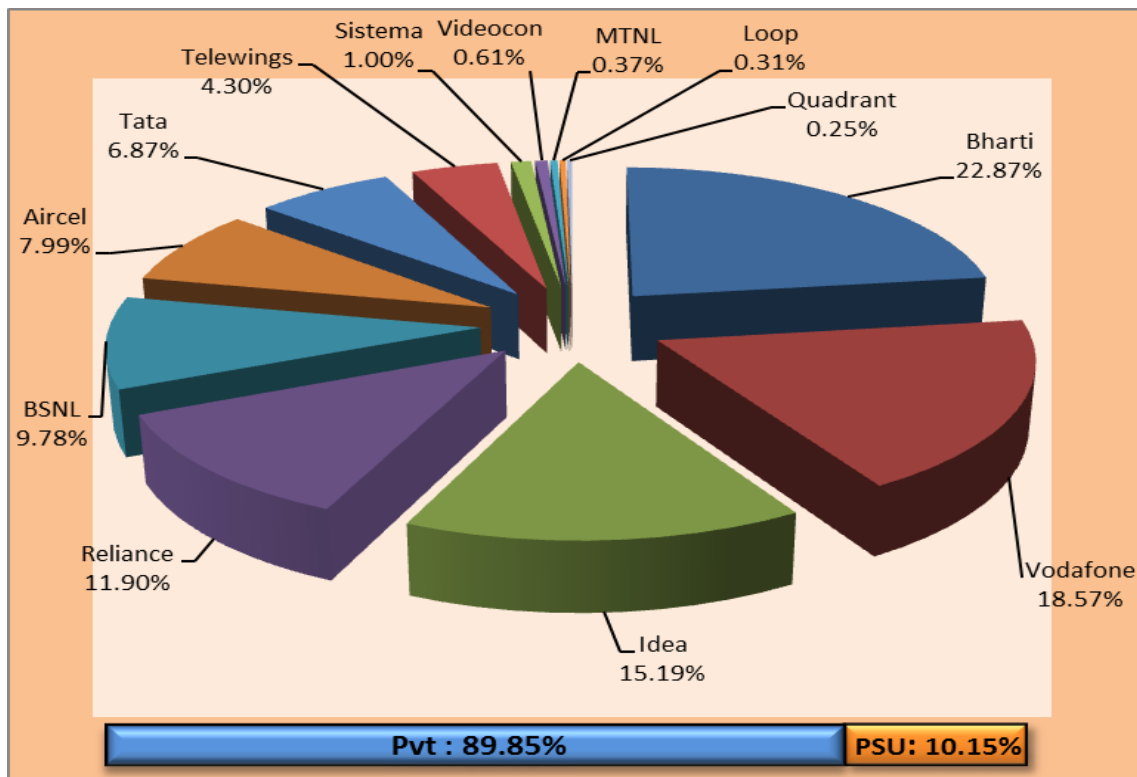
- Total wireless subscriber base increased from 910.16 million at the end of May, 2014 to 914.92 million at the end of June, 2014, registering a monthly growth of 0.52%. The share of urban wireless subscribers has increased from 58.66% to 58.76% whereas share of rural wireless subscribers has declined from 41.34% to 41.24%. The overall wireless Tele-density in India has increased from 73.24 at the end of May, 2014 to 73.55 at the end of June, 2014.



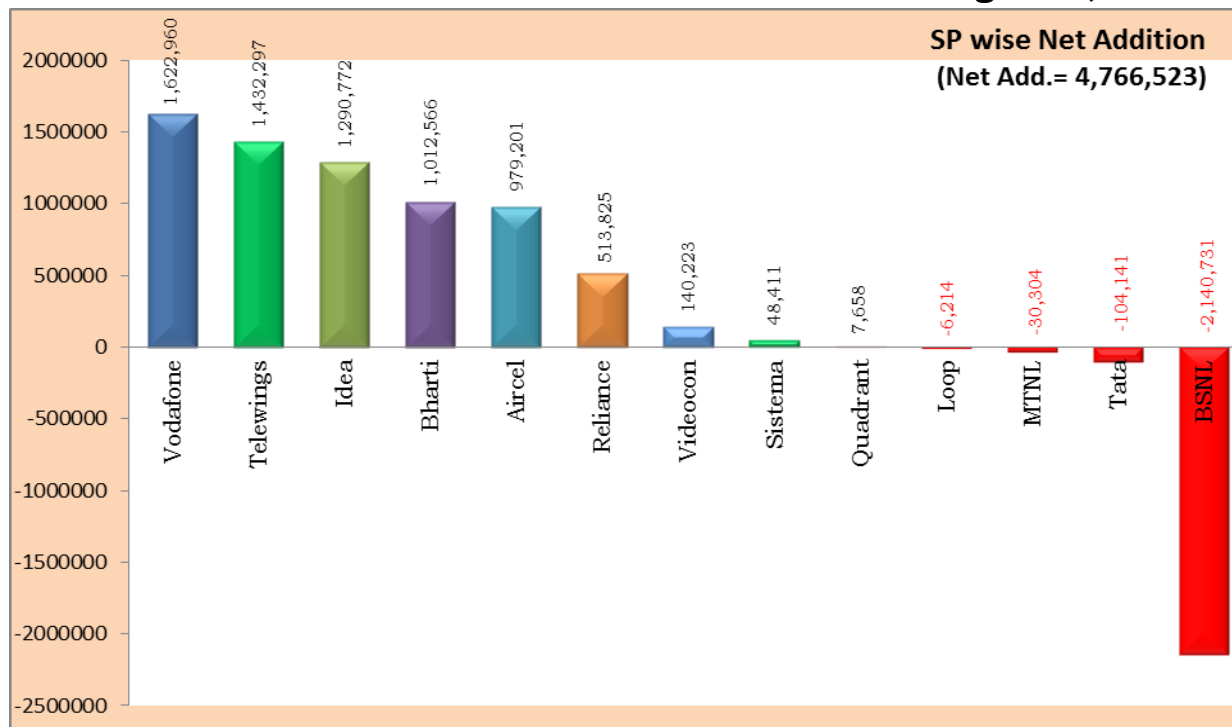
- Wireless subscription in urban areas increased from 533.94 million at the end of May, 2014 to 537.56 million at the end of June, 2014. The wireless subscription in rural areas increased from 376.22 million to 377.36 million during the same period. The urban wireless Tele-density increased from 139.72 to 140.44 and rural Tele-density increased from 43.72 to 43.82. Detailed statistics of wireless subscriber base is available at Annexure-I.

- Private operators hold 89.85% of the wireless subscriber market share where as BSNL and MTNL, the two PSU operators hold only 10.15% market share. The graphical representations of market shares and shares in net additions of all the service providers during the month of June, 2014 are given below:

**A. Service Provider wise Market Share as on 30<sup>th</sup> June, 2014.**



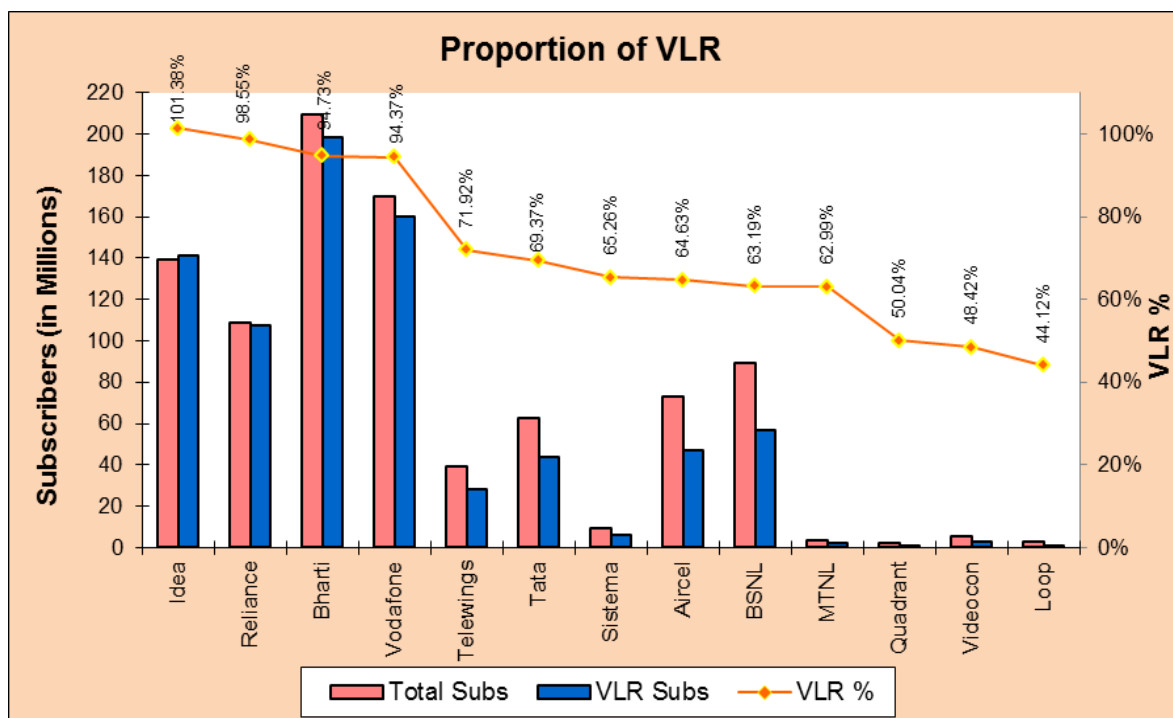
**B. Service Provider wise net subscriber addition during June, 2014**



### III. VLR Data

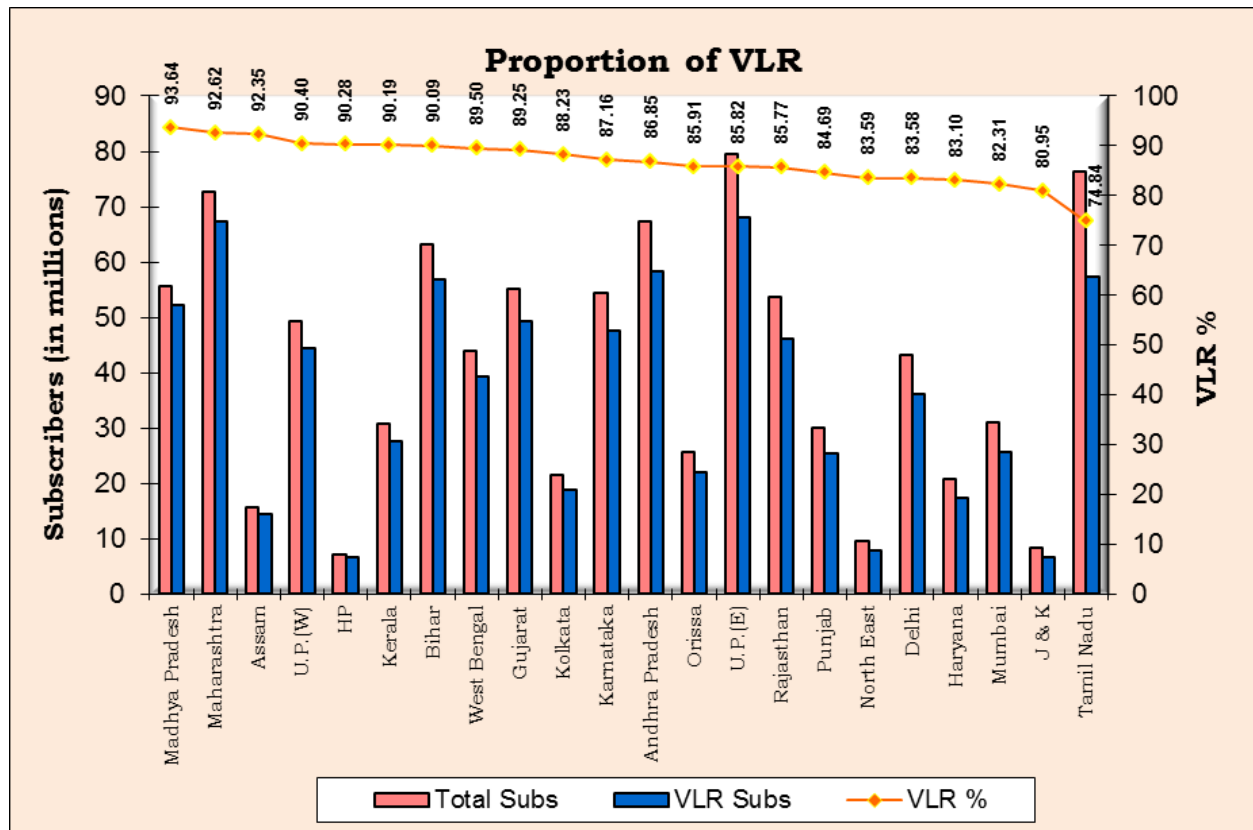
- Out of the total 914.92 million wireless subscribers, 795.58 million were active on the date of Peak VLR for the month of June, 2014. The proportion of VLR subscribers is approximately 86.96% of the total wireless subscriber base reported by the service providers.
- Service Provider wise, Idea leads the tally with 101.36% (>100% due to more number of inroamers) followed by Reliance (98.55%) and Bharti (94.73%). Loop has the lowest proportion of VLR with 44.12%. Circle-wise, Madhya Pradesh has the highest proportion of VLR subscribers with 93.64% followed by Maharashtra (92.62%) and Assam (92.35%). Tamil Nadu (incl. Chennai) has the lowest VLR proportion with 74.84%.
- 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) – June, 2014

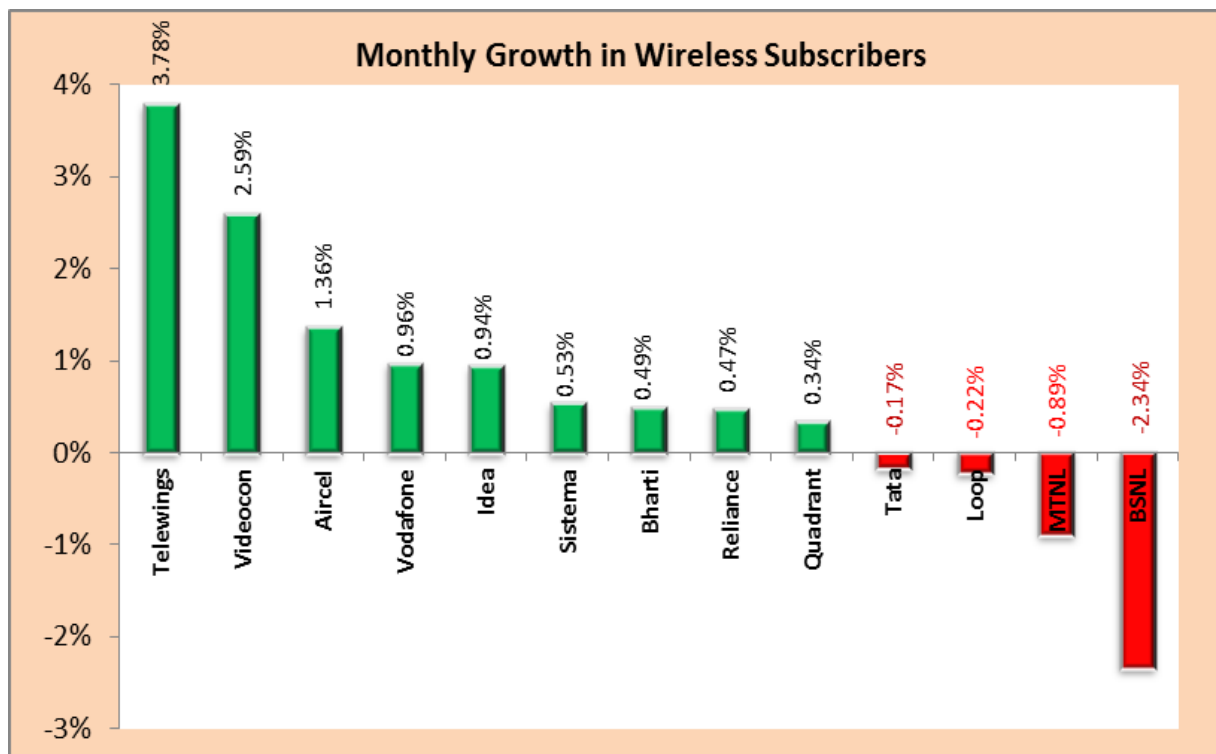


Note : 1. Peak VLR of M/s Idea Cellular is more than its HLR due to more number of inroamers.  
 2. Telewings was formerly known as Unitech.

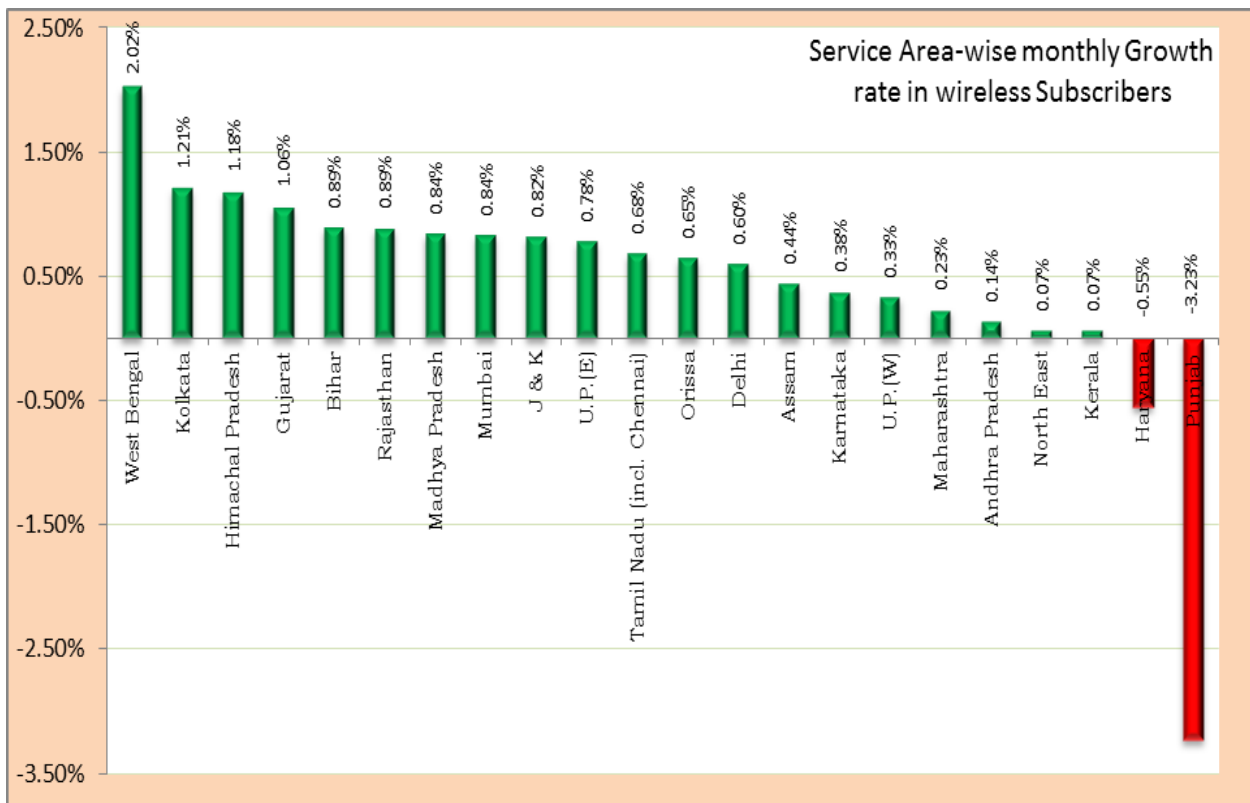
### C. Proportion of VLR subscribers (Service Area wise) – June, 2014



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



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



**IV. Mobile Number Portability**

- As per the data reported by the service providers, by the end of June, 2014 about 123.87 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 12.45 million) followed by Gujarat (about 10.51 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (about 14.03 million) followed by Andhra Pradesh Service area (about 11.52 million).



- In the month of June, 2014, total number of subscribers who have submitted their request for MNP is 2.39 million. The status of MNP requests in various service areas is given below:

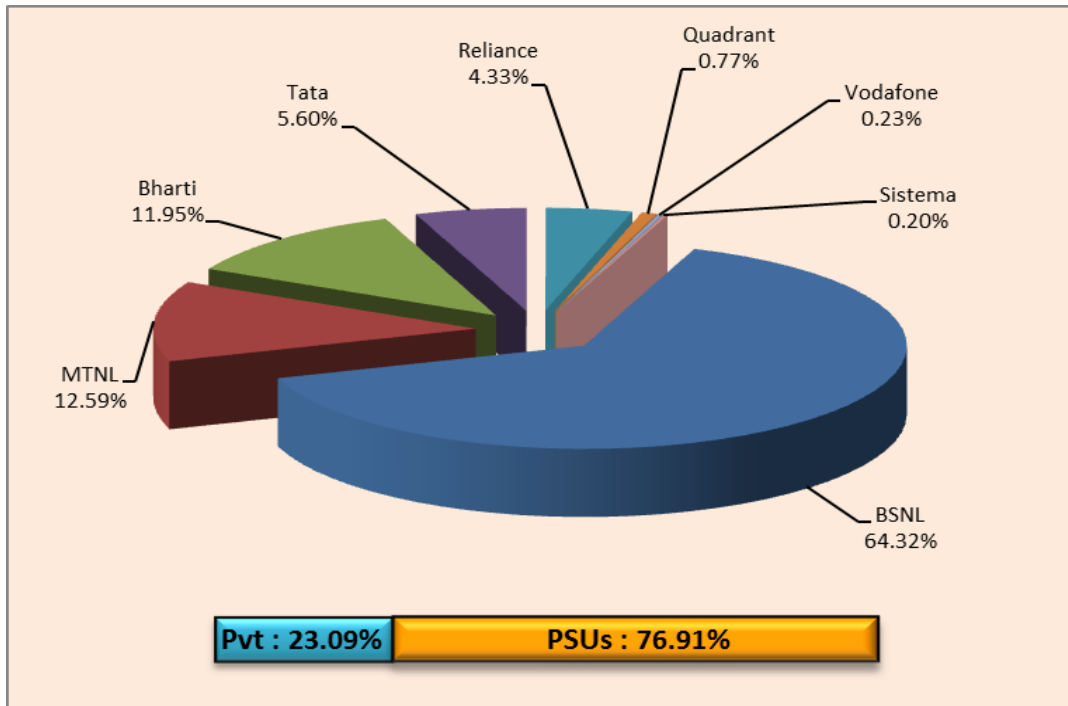
<b>Service Area Wise MNP Status at the end of June, 2014</b>			
<b>Zone - 1</b>		<b>Zone - 2</b>	
<b>Service Area</b>	<b>Number of Porting Requests</b>	<b>Service Area</b>	<b>Number of Porting Requests</b>
Delhi	4738057	Andhra Pradesh	11519955
Gujarat	10509774	Assam	427471
Himachal Pradesh	425236	Bihar	2874998
Haryana	4652505	Karnataka	14029070
Jammu & Kashmir	24507	Kerala	4716977
Maharashtra	9664130	Kolkata	2792045
Mumbai	5550648	Madhya Pradesh	7029462
Punjab	4279184	North East	219753
Rajasthan	12452458	Orissa	2624633
Uttar Pradesh - East	6679919	Tamil Nadu	7418856
Uttar Pradesh - West	6520433	West Bengal	4716708
<b>Total</b>	<b>65,496,851</b>	<b>Total</b>	<b>58,369,928</b>
<b>Total (Zone-1 + Zone-2)</b>			<b>123,866,779</b>
<b>Net Addition (in June, 2014)</b>			<b>2,394,147</b>

## **V. Wireline Segment**

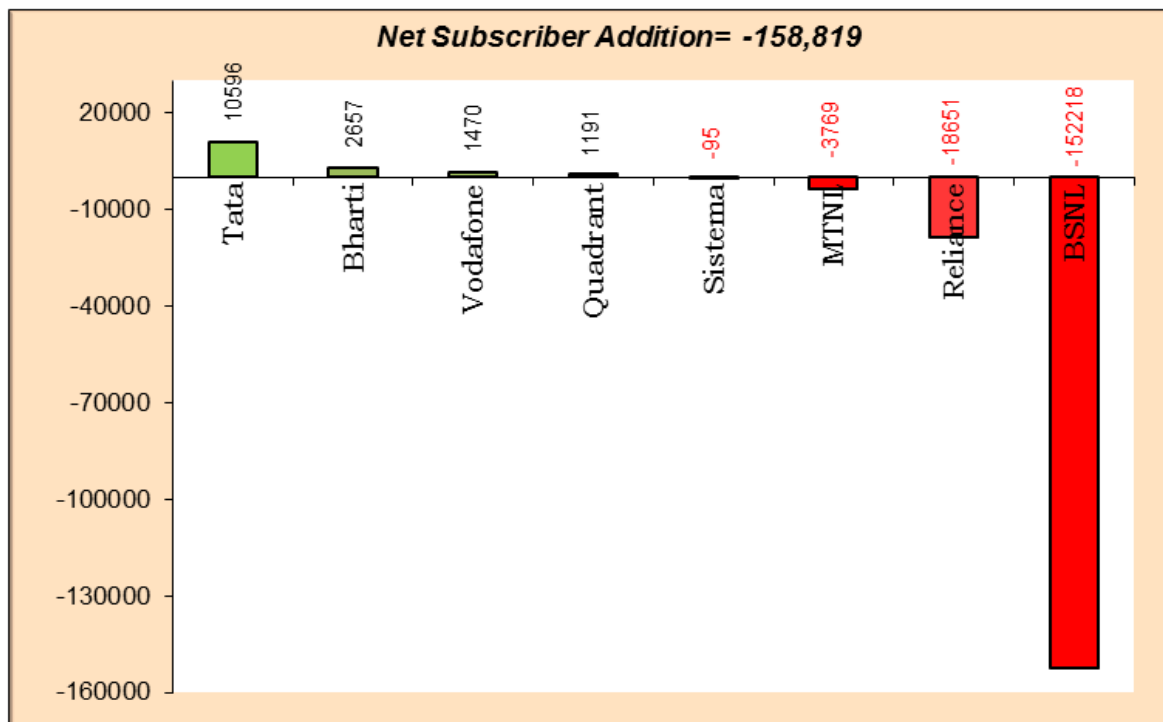
- Wireline subscriber base declined from 28.18 million at the end of May, 2014 to 28.03 Million at the end of June, 2014. Net reduction in wireline subscriber base was 0.16 million at the decline rate of 0.56%. The share of urban subscribers has increased from 79.16% to 79.25% whereas share of rural subscribers has decreased from 20.84% to 20.75%.
- The overall wireline Tele-density has slightly decreased from 2.27 in May, 2014 to 2.25 in June, 2014, with urban and rural Teledensity being 5.80 and 0.68 respectively. BSNL and MTNL, the two PSU operators hold 76.91% 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 30<sup>th</sup> June, 2014 is given below:

**F. Service Provider wise Market Share of wireline subscribers as on 30<sup>th</sup> June, 2014**



**G. Wireline Service Provider wise Net addition/decline during June, 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 whereas Metro Circles show the highest rate of monthly growth of subscriber base. In Wireline segment, Circles in Category-A show the highest net decline whereas Circles in Category-C show highest monthly decline rate in subscriber base during the month of June, 2014.

### Category wise Net Additions and subscriber base

Category	Net Additions during the month of June, 2014		Subscriber Base as on 30 <sup>th</sup> June, 2014	
	Wireline	Wireless	Wireline	Wireless
Circle A	-74872	1558951	11060685	326118897
Circle B	-58510	1485381	8287503	363600850
Circle C	-11816	951338	1465908	129456391
Metro	-13621	770853	7211526	95748360
<b>All India</b>	<b>-158819</b>	<b>4766523</b>	<b>28025622</b>	<b>914924498</b>

### Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (%) (May-14 to Jun-14)		Yearly Rate of Growth (%) (Jun-13 to Jun-14)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.67	0.48	-6.27	4.82
Circle B	-0.70	0.41	-9.93	4.41
Circle C	-0.80	0.74	-7.46	5.29
Metro	-0.19	0.81	0.98	5.16
<b>All India</b>	<b>-0.56</b>	<b>0.52</b>	<b>-5.72</b>	<b>4.76</b>

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

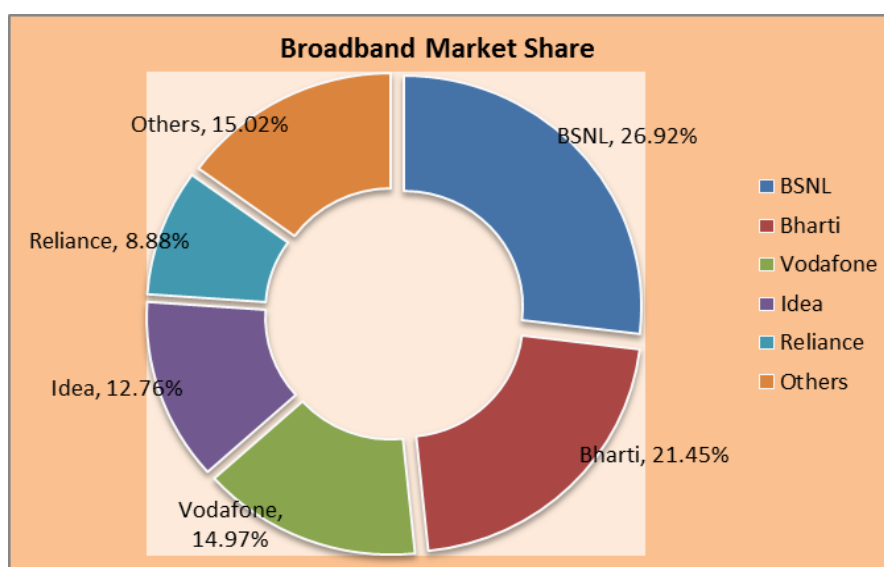
## VII. Broadband ( $\geq$ 512 Kbps download)

- As per the reports received from the Broadband service providers, number of broadband subscribers increased from 65.33 Million at the end of May-14 to 68.83 million at the end of Jun-14 with monthly growth rate of 5.35%. Segment wise broadband subscriber base are as below :

Sl. No.	Segment	Broadband subscribers (in million)		% Change
		May-14	Jun-14	
01	Wired Subscribers	14.95	14.97	0.13
02	Mobile devices users (Phones + Dongles)	49.97	53.44	6.93
03	Fixed Wireless (Wi-Fi, Wi-Max, Point-to-Point Radio & VSAT)	0.41	0.42	2.51
	<b>Total</b>	<b>65.33</b>	<b>68.83</b>	<b>5.35</b>

- Top five broadband service providers constitute 84.98% market share of total broadband subscribers at the end of Jun-14. They are BSNL (18.53 million), Bharti (14.76 million), Vodafone (10.30 million), Idea Cellular Ltd\* (8.78 million) and Reliance Communications Group\* (6.11 million).

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



- Top five Wired Broadband Service providers are BSNL (9.98 million), Bharti (1.39 million), MTNL (1.13 million), Beam Telecom (0.40 million) and YOU Broadband (0.39 million).
- Top five Wireless Broadband Service providers are Bharti (13.38 million), Vodafone (10.30 million), Idea Cellular Ltd (8.78 million), BSNL (8.55 million) and Reliance Communications Group (6.00 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**

Annexure-I

Page 1 of 2

Circle	Group													
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel		BSNL	
	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14
Andhra Pradesh	20191580	20307671	5198803	4993762	6231864	6268583	6264380	6174062	12402841	12484011	2036496	2077121	9930709	9928728
Assam	4648576	4668494	2225856	2197040	2877553	2907768			618726	624222	3825438	3858881	1301538	1309794
Bihar	22474947	22587743	9044356	9240916	7514715	7649524	2700271	2627807	6957890	6982762	5332821	5336519	3196803	3168865
Delhi	10363913	10433741	7741259	7820481	9116041	9112237	2894681	2882399	5519965	5526170	4041036	4140021		
Gujarat	7360092	7421271	5978141	6049361	17330026	17472490	2999174	3010667	9507851	9664498	23563	22063	3440936	3254813
Haryana	2441026	2427997	2037023	1901990	4967074	4966708	2557816	2561271	4222433	4228001	4092	4092	3187919	3191713
Himachal Pradesh	2254692	2270981	1419295	1455880	549692	567694	123446	121444	579203	592136	829540	830600	1432691	1434600
J & K	2736722	2772593	784132	750883	818448	838072			390058	398847	2172823	2204302	1285886	1290543
Karnataka	17369771	17475084	5457751	5235050	7177238	7275039	5982008	6077572	6747703	6907472	2680446	2682547	7092277	7061547
Kerala	3758774	3773396	1980480	1827111	6703910	6759648	1697403	1685521	8905292	8978257	918	918	7197738	7244722
Kolkata	3899398	3917471	3700517	3781404	4746260	4774516	2837490	2850912	1353440	1379890	3153522	3252443	847866	842334
Madhya Pradesh	10773067	10802943	11309609	11623395	4785527	4848870	4228760	4281601	17916003	18154386	22694	22694	4144226	3852657
Maharashtra	10547970	10587225	6853821	6872070	15559751	15721486	6295661	6238547	19070310	19317864	1535463	1582452	6295602	5660113
Mumbai	4457868	4503271	5906333	5967106	7573551	7652973	3460713	3437040	3399044	3455898	2088581	2154545		
North East	3184535	3172049	856831	842966	1188994	1197676			365970	360806	2398938	2425958	1546606	1548919
Orissa	8076393	8149567	3594074	3577120	3463099	3508360	2144770	2153809	1124006	1132852	3721498	3750790	3355277	3371156
Punjab	7543830	7554552	2806666	2715217	4694757	4705952	2395318	2379990	5894623	5908878	944878	957827	4574125	3618831
Rajasthan	16137678	16185331	5720846	5874616	10237676	10331785	1964534	1945085	6169629	6185052	4786602	4933132	6019270	6039398
Tamil Nadu (incl. Chennai)	14767148	14825189	5572484	5696306	13255512	13333533	5553624	5565273	2912166	2997295	23016412	23128580	9854088	9900543
U.P.(E)	17420366	17515960	7837339	7762298	16263373	16468149	4157855	4202297	8379541	8382457	5403834	5513118	10447693	10391611
U.P.(W)	7125815	7097427	5310591	5319079	9936373	10001288	3607474	3597100	11978168	11964658	109150	109150	4429566	4337630
West Bengal	10702535	10799306	6999714	7345695	13283205	13535248	1108275	1077115	3305318	3384540	3963586	4083779	2033287	2024855
<b>Total</b>	<b>208236696</b>	<b>209249262</b>	<b>108335921</b>	<b>108849746</b>	<b>168274639</b>	<b>169897599</b>	<b>62973653</b>	<b>62869512</b>	<b>137720180</b>	<b>139010952</b>	<b>72092331</b>	<b>73071532</b>	<b>91614103</b>	<b>89473372</b>
<b>Net Addition</b>		<b>1012566</b>		<b>513825</b>		<b>1622960</b>		<b>-104141</b>		<b>1290772</b>		<b>979201</b>		<b>-2140731</b>

## Wireless Subscriber Base

Page 2 of 2

## Annexure-I

Circle	Group												Total		Net Add.
	MTNL		Telewings		Sistema		Loop		Videocon		Quadrant		May-14	Jun-14	
	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	
Andhra Pradesh			4935528	5051185									67192201	67285123	92922
Assam													15497687	15566199	68512
Bihar			5387944	5575453									62609747	63169589	559842
Delhi	2314934	2305792			958580	986323							42950409	43207164	256755
Gujarat			5905502	6160544	174007	175964			1826891	1890331			54546183	55122002	575819
Haryana									1563614	1583100			20980997	20864872	-116125
Himachal Pradesh													7188559	7273335	84776
J & K													8188069	8255240	67171
Karnataka					1777389	1774037							54284583	54488348	203765
Kerala					406409	401735							30650924	30671308	20384
Kolkata					676469	672723							21214962	21471693	256731
Madhya Pradesh									2019497	2076794			55199383	55663340	463957
Maharashtra			6430229	6776376									72588807	72756133	167326
Mumbai	1081674	1060512					2844372	2838158					30812136	31069503	257367
North East													9541874	9548374	6500
Orissa													25479117	25643654	164537
Punjab											2273308	2280966	31127505	30122213	-1005292
Rajasthan					2143466	2157342							53179701	53651741	472040
Tamil Nadu (incl. Chennai)					1016738	1020572							75948172	76467291	519119
U.P.(E)			8903007	9195375									78813008	79431265	618257
U.P.(W)			6318992	6554566	215906	212058							49032035	49192956	160921
West Bengal					1735996	1752617							43131916	44003155	871239
<b>Total</b>	<b>3396608</b>	<b>3366304</b>	<b>37881202</b>	<b>39313499</b>	<b>9104960</b>	<b>9153371</b>	<b>2844372</b>	<b>2838158</b>	<b>5410002</b>	<b>5550225</b>	<b>2273308</b>	<b>2280966</b>	<b>910157975</b>	<b>914924498</b>	<b>4766523</b>
<b>Net Addition</b>		<b>-30304</b>		<b>1432297</b>		<b>48411</b>		<b>-6214</b>		<b>140223</b>		<b>7658</b>		<b>4766523</b>	

Proportion of VLR on the date of Peak VLR in the month of Jun-14 (%)													Annexure-II	
Circle	Aircel	Bharti	BSNL	Quadrant	Idea*	Loop	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	58.55	96.78	64.14		100.86			99.24		73.77	67.86		90.38	86.85
Assam	85.77	97.20	79.46		91.88			98.47					94.56	92.35
Bihar	71.48	95.98	62.01		106.11			98.84		53.21	76.92		94.39	90.09
Delhi	61.25	79.53			96.44		55.61	99.36	46.30	59.21			95.85	83.58
Gujarat	59.84	94.64	84.91		102.39			99.29	81.28	66.26	66.65	48.34	93.50	89.25
Haryana	10.73	96.17	52.41		99.23			99.36		72.42		47.49	93.39	83.10
Himachal Pradesh	60.21	98.95	80.41		110.63			94.19		50.09			101.88	90.28
J & K	84.38	82.43	72.20		90.94			71.74					83.96	80.95
Karnataka	56.39	98.12	56.87		102.69			99.20	65.06	77.96			91.21	87.16
Kerala	116.67	97.29	76.44		100.18			97.89	62.85	71.13			91.96	90.19
Kolkata	71.44	95.27	87.12		95.23			98.84	95.38	69.56			93.83	88.23
Madhya Pradesh	3.08	95.34	77.61		103.98			98.52		72.05		49.19	90.63	93.64
Maharashtra	62.87	98.86	84.42		102.51			99.35		74.10	68.13		97.16	92.62
Mumbai	59.34	91.47			93.30	44.12	79.05	99.38		67.43			86.41	82.31
North East	73.60	96.89	63.53		88.68			92.56					86.69	83.59
Orissa	58.37	97.08	83.59		93.93			97.47		67.35			88.68	85.91
Punjab	48.18	93.61	67.10	50.04	99.22			99.24		64.10			91.87	84.69
Rajasthan	66.30	93.70	45.33		103.05			99.32	59.03	86.15			93.73	85.77
Tamil Nadu (incl. Chennai)	57.57	95.64	48.94		84.42			96.31	65.25	63.57			94.98	74.84
U.P. (E)	67.63	94.23	44.78		107.91			99.37		71.78	74.62		100.36	85.82
U.P. (W)	22.05	91.15	56.55		100.80			99.25	596.99	65.29	75.90		95.96	90.40
West Bengal	75.69	95.79	82.29		99.09			98.62	0.00	50.42			97.08	89.50
<b>Total</b>	<b>64.63</b>	<b>94.73</b>	<b>63.19</b>	<b>50.04</b>	<b>101.38</b>	<b>44.12</b>	<b>62.99</b>	<b>98.55</b>	<b>65.26</b>	<b>69.37</b>	<b>71.92</b>	<b>48.42</b>	<b>94.37</b>	<b>86.96</b>

\*Peak VLR in some circles of M/s Idea Cellular, Kerala circle of M/s Aircel and UP(E) circle of Vodafone 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		Net Add.
	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	May-14	Jun-14	
Andhra Pradesh	1635489	1615613			122518	123732	86690	85360	167307	167620					8,040	8,190	2020044	2000515	
Assam	181751	181234													1,080	1,110	182831	182344	-487
Bihar	363041	361890					5971	5925	11691	11791					480	510	381183	380116	-1067
Delhi			1602463	1602887	1195013	1195744	184350	182301	108781	109158					17,700	17,760	3108307	3107850	-457
Gujarat	1430574	1419144			57752	58116	93623	91430	76404	76996					1,500	1,530	1659853	1647216	-12637
Haryana	442,904	439,872			16511	16443	5339	5206	26009	28123					60	60	490823	489704	-1119
Himachal Pradesh	241,307	239,288					4858	4849	2515	2514							248680	246651	-2029
J & K	184,203	182,678															184203	182678	-1525
Karnataka	1499262	1486663			494268	495329	119799	119957	166032	167400					5,340	5,490	2284701	2274839	-9862
Kerala	2743889	2730542			48374	48371	50522	48612	13161	13310					120	390	2856066	2841225	-14841
Kolkata	836859	828191			104326	104767	82252	80731	42087	42682					1830	1860	1067354	1058231	-9123
Madhya Pradesh	831258	830903			226283	226465	23524	22182	18811	19010					180	180	1100056	1098740	-1316
Maharashtra	1851794	1836789			69938	69245	96271	93314	258265	261089					8,550	8,670	2284818	2269107	-15711
Mumbai			1930198	1926005	350897	350285	235570	235650	523461	523995					9,360	9,510	3049486	3045445	-4041
North East	136,832	133,017													60	60	136892	133077	-3815
Orissa	332724	330073					3394	3022	7367	7467					450	480	343935	341042	-2893
Punjab	852169	843787			91920	91633	22179	21484	17345	17176	215124	216315			360	360	1199097	1190755	-8342
Rajasthan	781025	774308			37888	38402	22760	22105	8918	8916			56083	55988	1,410	1,500	908084	901219	-6865
Tamil Nadu (incl. Chennai)	2192395	2175940			458913	458624	146601	144372	83702	85242					4530	4830	2886141	2869008	-17133
U.P.(E)	656902	643829			51810	52107	40211	38703	14962	15040					690	720	764575	750399	-14176
U.P.(W)	492648	488665			20898	20703	6303	6398	9534	9576					270	270	529653	525612	-4041
West Bengal	491895	484277					1945	1910	3789	3632					30	30	497659	489849	-7810
<b>Total</b>	<b>18178921</b>	<b>18026703</b>	<b>3532661</b>	<b>3528892</b>	<b>3347309</b>	<b>3349966</b>	<b>1232162</b>	<b>1213511</b>	<b>1560141</b>	<b>1570737</b>	<b>215124</b>	<b>216315</b>	<b>56083</b>	<b>55988</b>	<b>62040</b>	<b>63510</b>	<b>28184441</b>	<b>28025622</b>	<b>-158819</b>
<b>Net Addition</b>		<b>-152218</b>		<b>-3769</b>		<b>2657</b>		<b>-18651</b>		<b>10596</b>		<b>1191</b>		<b>-95</b>	<b>1470</b>		<b>-158819</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.

-----