

**TELECOM REGULATORY AUTHORITY OF INDIA**

New Delhi, 26<sup>th</sup> June, 2014  
(www.trai.gov.in)

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

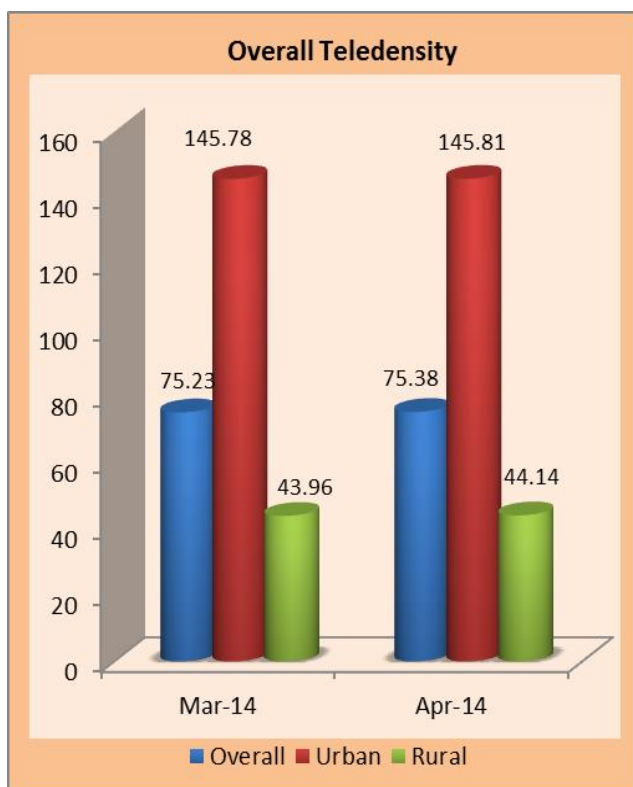
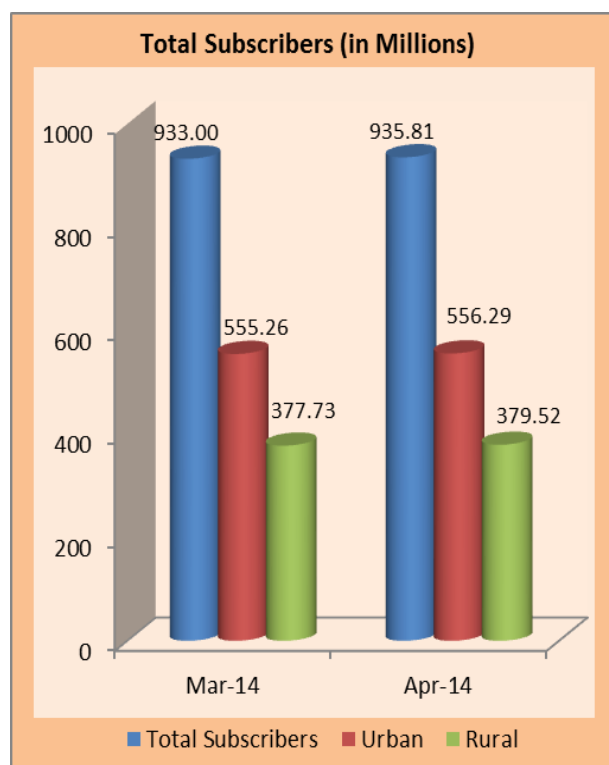
Particulars	Wireless	Wireline	Total Wireless + Wireline
<b>Total Subscribers</b> (Million)	<b>907.44</b>	<b>28.36</b>	<b>935.81</b>
Total Monthly Net Addition (Million)	2.93	-0.12	2.81
Monthly Growth	0.32%	-0.44%	0.30%
<b>Urban Subscribers</b> (Million)	<b>533.87</b>	<b>22.42</b>	<b>556.29</b>
Urban Subscribers Monthly Net Addition (Million)	1.13	-0.11	1.02
Monthly Growth	0.21%	-0.49%	0.18%
<b>Rural Subscribers</b> (Million)	<b>373.58</b>	<b>5.94</b>	<b>379.52</b>
Rural Subscribers Monthly Net Addition (Million)	1.80	-0.01	1.79
Monthly Growth	0.48%	-0.25%	0.47%
<b>Overall Teledensity*</b>	<b>73.10</b>	<b>2.28</b>	<b>75.38</b>
Urban Teledensity*	139.93	5.88	145.81
Rural Teledensity*	43.45	0.69	44.14
Share of Urban Subscribers	58.83%	79.05%	59.44%
Share of Rural Subscribers	41.17%	20.95%	40.56%
<b>No. of Broadband Subscribers</b> (Million)	<b>46.83</b>	<b>14.91</b>	<b>61.74</b>

- ❖ Mobile Number Portability requests increased from 117.01 million subscribers at the end of March, 2014 to 119.24 million at the end of April, 2014. In the month of April, 2014 alone 2.23 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in April, 2014 are 791.11 million, 87.18% of the total subscribers.

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

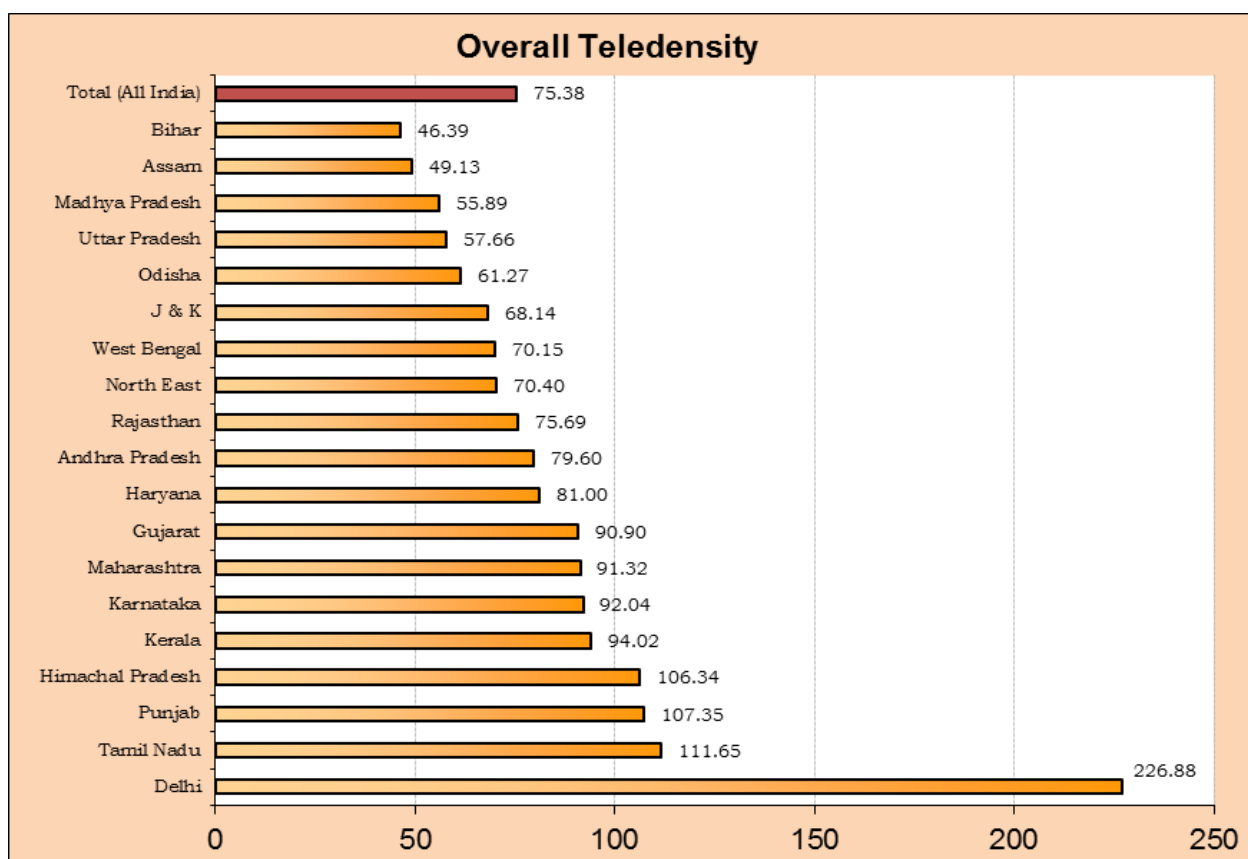
## I. Total Telephone Subscribers

• The number of telephone subscribers in India increased from 933.00 million at the end of March, 2014 to 935.81 million at the end of April, 2014, thereby showing a monthly growth of 0.30%. The share of urban subscribers has declined from 59.51% to 59.44% whereas share of rural subscribers has increased from 40.49% to 40.56% in the month of April, 2014. The overall Tele-density in India increased from 75.23 at the end of March, 2014 to 75.38 at the end of April, 2014.



• Subscription in the urban areas increased from 555.26 million at the end of March, 2014 to 556.29 million at the end of April, 2014. Subscription in rural areas increased from 377.73 million to 379.52 million during the same period. The monthly growth rate of urban and rural subscription is 0.18% and 0.47% respectively. The overall urban Tele-density has slightly increased from 145.78 to 145.81 and Rural Tele-density increased from 43.96 to 44.14 in this month.

## Overall Teledensity (Circle/State Wise) – As on 30<sup>th</sup> April, 2014

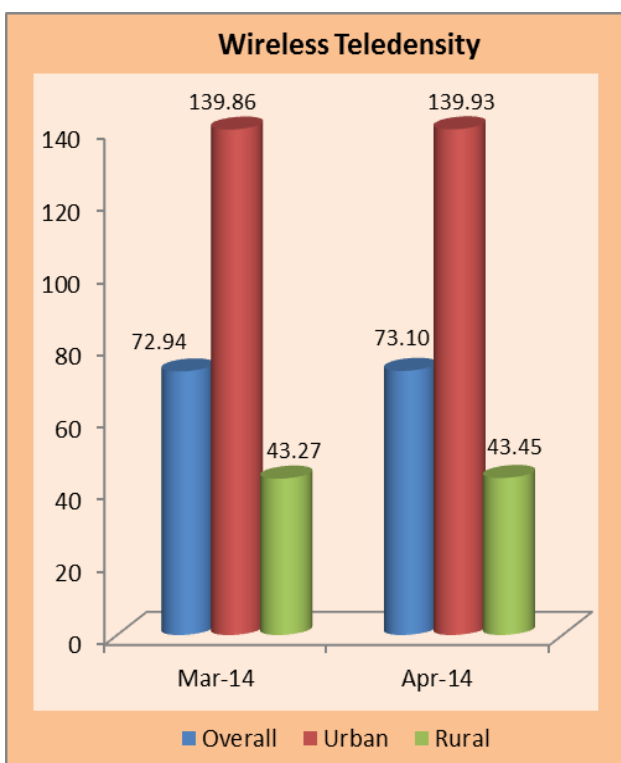
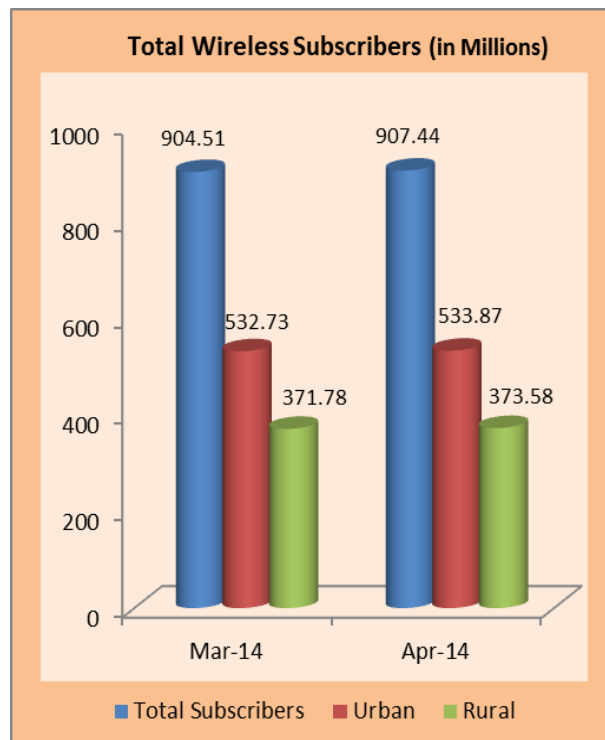


### Notes:

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)

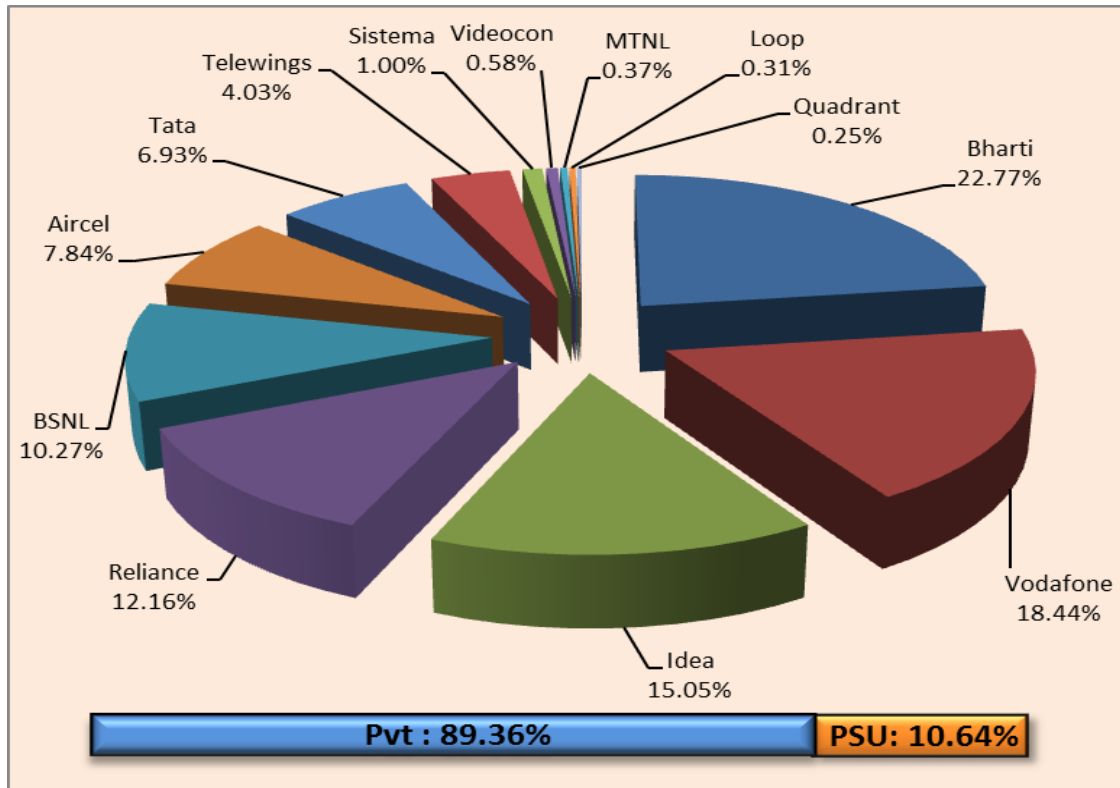
- Total wireless subscriber base increased from 904.51 million in March, 2014 to 907.44 million at the end of April, 2014, registering a monthly growth of 0.32%. The share of urban wireless subscribers has declined from 58.90% to 58.83% whereas share of rural wireless subscribers has increased from 41.10% to 41.17%. The overall wireless Tele-density in India has increased from 72.94 at the end of March, 2014 to 73.10 at the end of April, 2014.



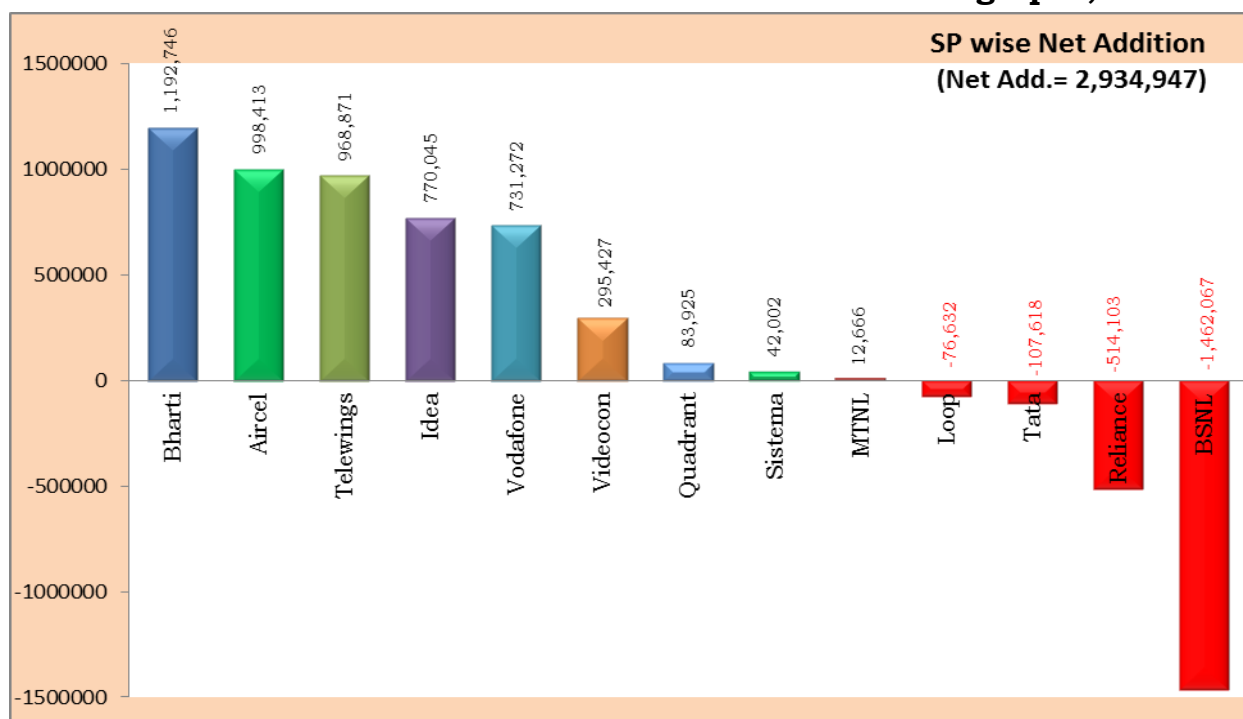
- Wireless subscription in urban areas increased from 532.73 million at the end of March, 2014 to 533.87 million at the end of April, 2014. The wireless subscription in rural areas increased from 371.78 million to 373.58 million during the same period. The urban wireless Tele-density increased from 139.86 to 139.93 and rural Tele-density increased from 43.27 to 43.45. Detailed statistics of wireless subscriber base is available at Annexure-I.

- Private operators hold 89.36% of the wireless subscriber market share where as BSNL and MTNL, the two PSU operators hold only 10.64% market share. The graphical representations of market shares and shares in net additions of all the service providers during the month of April, 2014 are given below:

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



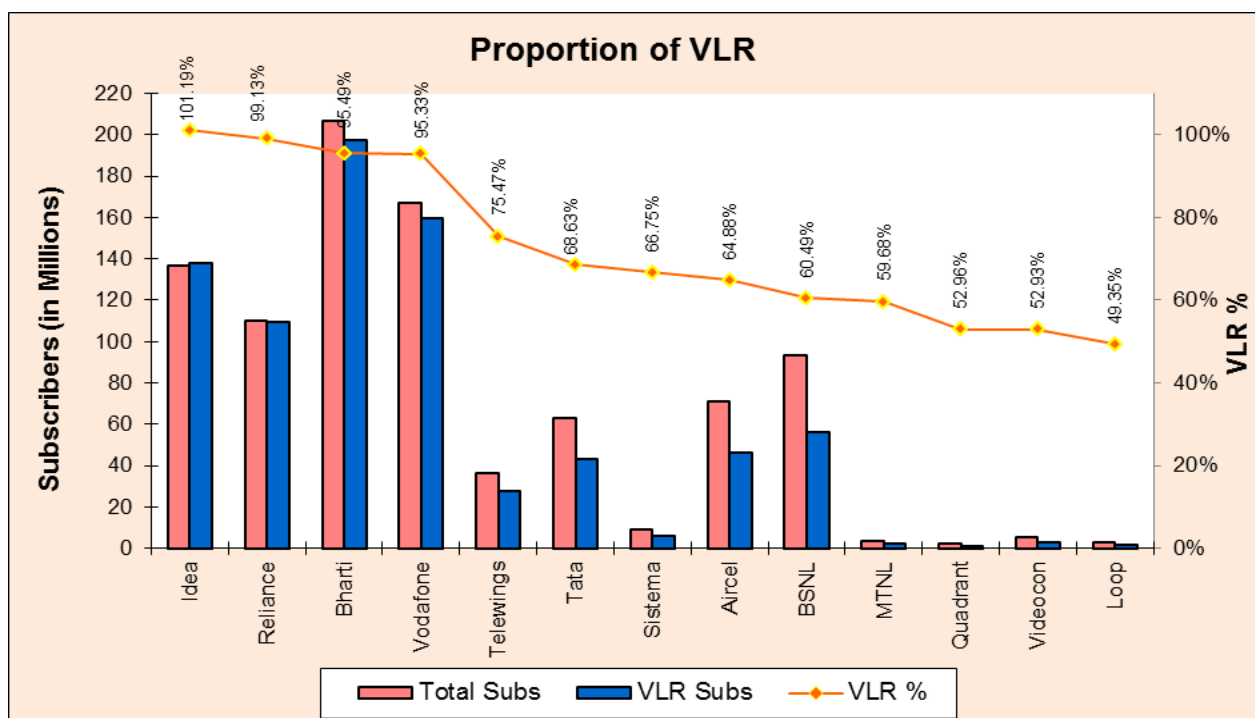
**B. Service Provider wise net subscriber addition during April, 2014**



### III. VLR Data

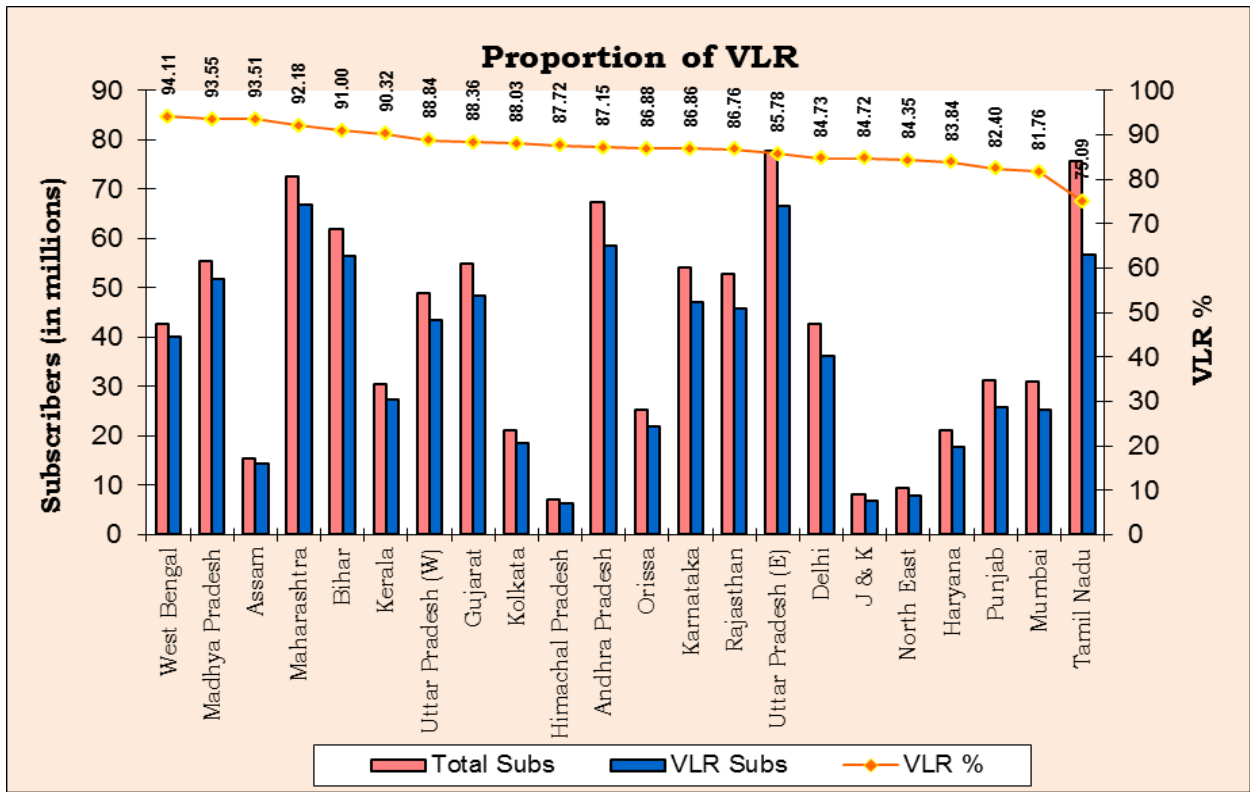
- Out of the total 907.44 million wireless subscribers, 791.11 million were active on the date of Peak VLR for the month of April, 2014. The proportion of VLR subscribers is approximately 87.18% of the total wireless subscriber base reported by the service providers.
- Service Provider wise, Idea leads the tally with 101.19% followed by Reliance (99.13%) and Bharti (95.49%). Loop has the lowest proportion of VLR with 49.35%. Circle-wise, West Bengal has the highest proportion of VLR subscribers with 94.11% followed by Madhya Pradesh (93.55%) and Assam (93.51%). Tamil Nadu (incl. Chennai) has the lowest VLR proportion with 75.09%.
- 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) – April, 2014

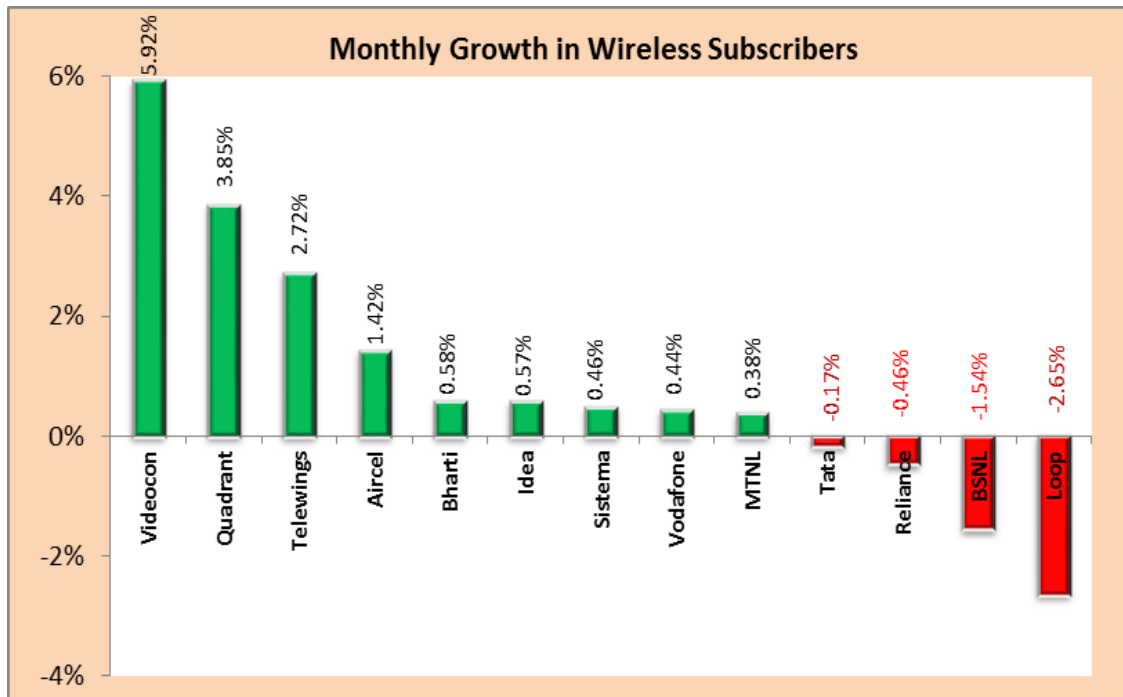


Note : 1. Peak VLR of M/s Idea Cellular is more than its HLR due to more number of inroamers.  
2. Telewings was formerly known as Unitech.

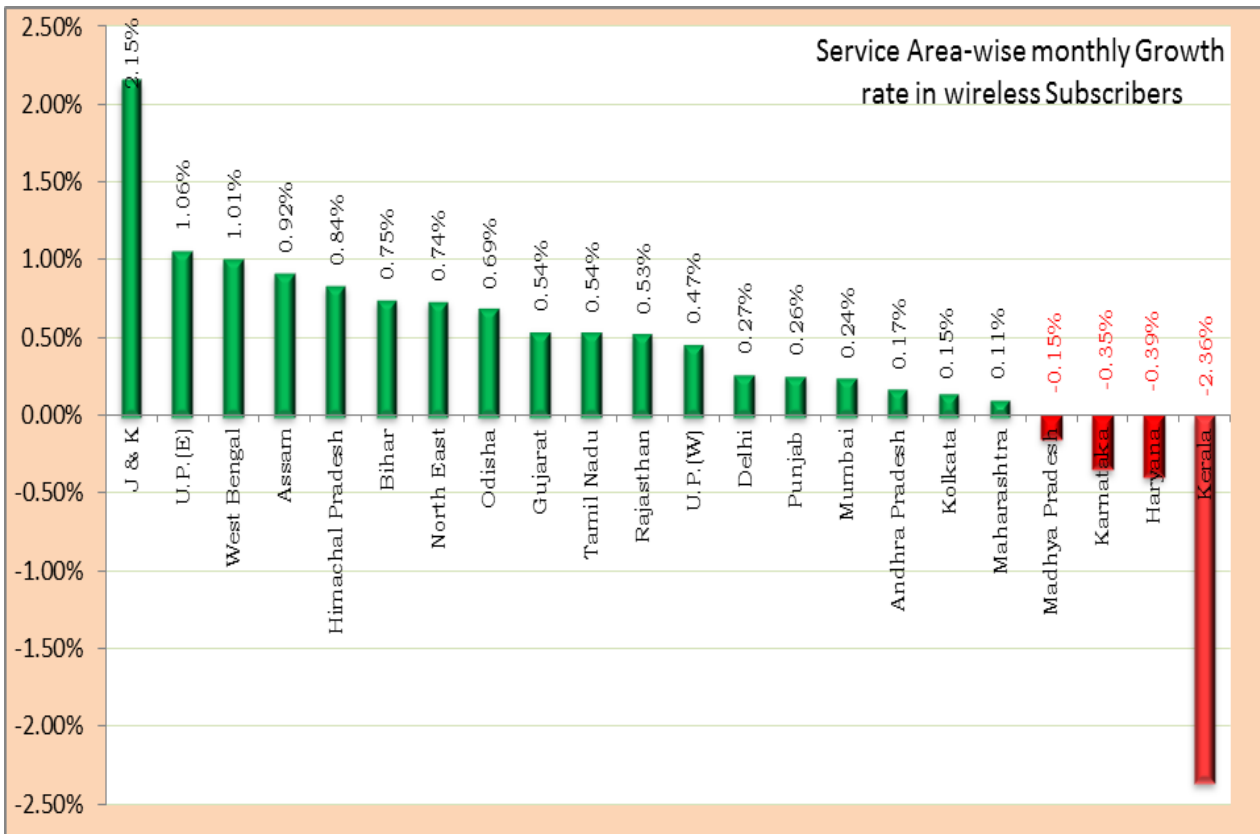
**C. Proportion of VLR subscribers (Service Area wise) – April, 2014**



**D. Service Provider wise monthly growth in total wireless subscribers during April, 2014**



### Service Area wise monthly growth in total wireless subscribers during April, 2014



#### IV. Mobile Number Portability

- As per the data reported by the service providers, by the end of April, 2014 about 119.24 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 12.01 million) followed by Gujarat (about 10.19 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (about 13.57 million) followed by Andhra Pradesh Service area (about 11.04 million).



- In the month of April, 2014, total number of subscribers who have submitted their request for MNP is 2.23 million. The status of MNP requests in various service areas is given below:

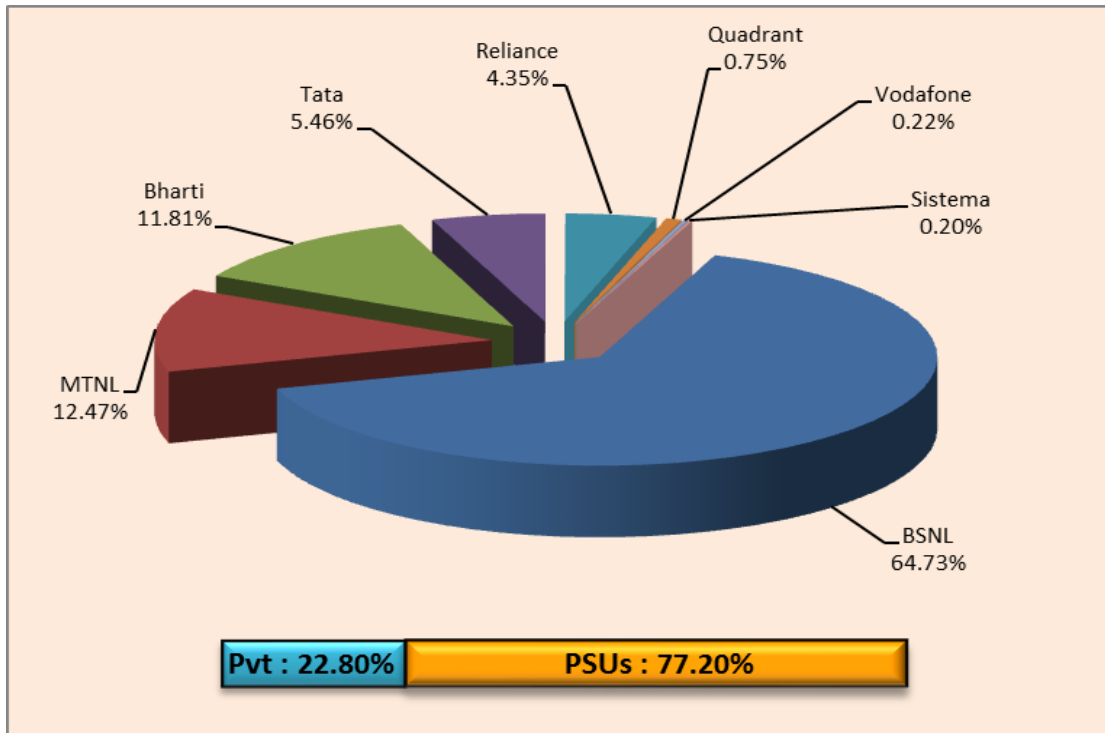
<b>Service Area Wise MNP Status at the end of April, 2014</b>			
<b>Zone - 1</b>		<b>Zone - 2</b>	
<b>Service Area</b>	<b>Number of Porting Requests</b>	<b>Service Area</b>	<b>Number of Porting Requests</b>
Delhi	4502039	Andhra Pradesh	11038007
Gujarat	10189945	Assam	414414
Himachal Pradesh	410525	Bihar	2771810
Haryana	4476822	Karnataka	13566116
Jammu & Kashmir	22591	Kerala	4580427
Maharashtra	9364265	Kolkata	2655826
Mumbai	5182738	Madhya Pradesh	6782874
Punjab	4104833	North East	209641
Rajasthan	12009748	Orissa	2534702
Uttar Pradesh - East	6523044	Tamil Nadu	7054875
Uttar Pradesh - West	6357995	West Bengal	4486494
<b>Total</b>	<b>63,144,545</b>	<b>Total</b>	<b>56,095,186</b>
<b>Total (Zone-1 + Zone-2)</b>		<b>119,239,731</b>	
<b>Net Addition (in April, 2014)</b>		<b>2,226,331</b>	

## **v. Wireline Segment**

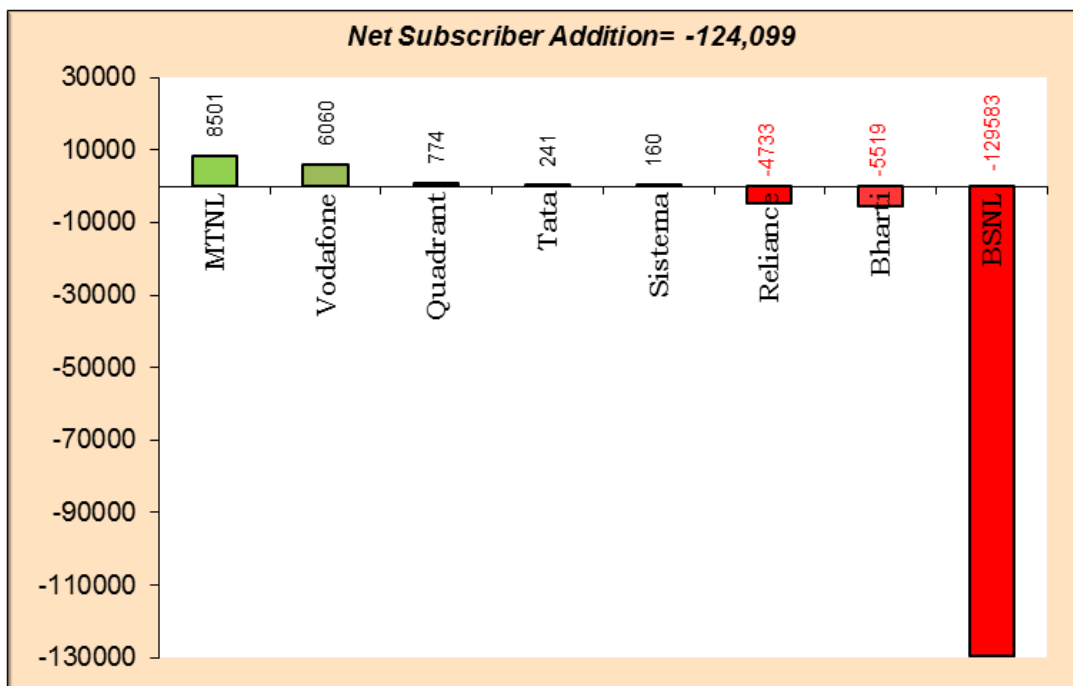
- Wireline subscriber base declined from 28.49 million at the end of March, 2014 to 28.36 Million at the end of April, 2014. Net reduction in wireline subscriber base was 0.12 million at the decline rate of 0.44%. The share of urban subscribers has slightly declined from 79.09% to 79.05% whereas share of rural subscribers has slightly increased from 20.91% to 20.95%.
- The overall wireline Tele-density has slightly decreased from 2.30 in March, 2014 to 2.28 in April, 2014, with urban and rural Teledensity being 5.88 and 0.69 respectively. BSNL and MTNL, the two PSU operators hold 77.20% 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> April, 2014 is given below:

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



**F. Wireline Service Provider wise Net addition/decline during April, 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 C show the highest net addition and highest rate of monthly growth of subscriber base. In Wireline segment, Circles in Category B show the highest net decline and highest monthly decline rate in subscriber base from March, 2014 to April, 2014. Metro Circles show the positive growth in wireline subscribers.

### Category wise Net Additions and subscriber base

Category	Net Additions during the month of April, 2014		Subscriber Base as on 30 <sup>th</sup> April, 2014	
	Wireline	Wireless	Wireline	Wireless
Circle A	-57377	707512	11218036	324482988
Circle B	-67070	930502	8418079	360666621
Circle C	-5403	1074428	1487963	127532851
Metro	5751	222505	7237345	94762270
<b>All India</b>	<b>-124,099</b>	<b>2,934,947</b>	<b>28,361,423</b>	<b>907,444,730</b>

### Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (%) (Mar-14 to Apr-14)		Yearly Rate of Growth (%) (Apr-13 to Apr-14)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.51	0.22	-6.12	4.84
Circle B	-0.79	0.26	-9.40	4.60
Circle C	-0.36	0.85	-6.92	5.15
Metro	0.08	0.24	1.17	3.64
<b>All India</b>	<b>-0.44</b>	<b>0.32</b>	<b>-5.44</b>	<b>4.66</b>

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

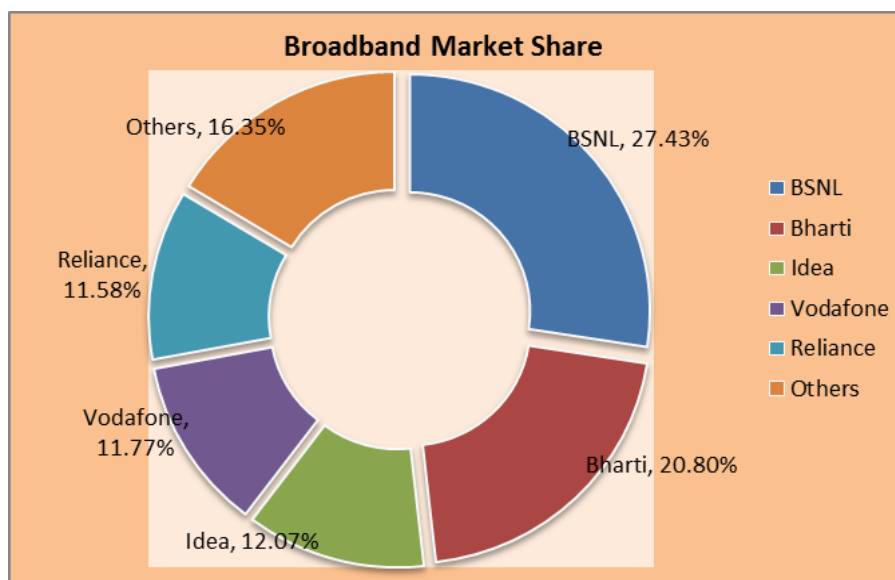
## VII. Broadband ( $\geq 512$ Kbps download)

- As per the reports received from the Broadband service providers, number of broadband subscribers increased from 60.87 Million at the end of Mar-14 to 61.74 million at the end of Apr-14 with monthly growth rate of 1.45%. Segment wise broadband subscriber base are as below :

Sl. No.	Segment	Broadband subscribers (in million)		% Change
		Mar-14	Apr-14	
01	Wired Subscribers	14.86	14.91	0.34
02	Mobile devices users (Phones + Dongles)	45.61	46.42	1.78
03	Fixed Wireless (Wi-Fi, Wi-Max, Point-to-Point Radio & VSAT)	0.40	0.41	2.50
	<b>Total</b>	<b>60.87</b>	<b>61.74</b>	<b>1.45</b>

- Top five broadband service providers constitute 83.65% market share of total broadband subscribers at the end of Apr-14. They are BSNL (16.94 million), Bharti (12.84 million), Idea (7.45 million), Vodafone (7.26 million) and Reliance Communications Group (7.15 million).

### G. Broadband (wired+wireless) Market Share



- Top five Wired Broadband Service providers are BSNL (10.01 million), Bharti (1.38 million), MTNL (1.13 million), YOU Broadband (0.39 million) and Beam Telecom (0.38 million).
- Top five Wireless Broadband Service providers are Bharti (11.46 million), Idea (7.45 million), Vodafone (7.26 million), Reliance Communications Group (7.04 million) and BSNL (6.93 Million).

Contact details in case of any clarification:

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Authorised to issue:

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Advisor (F&EA)**

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

## Wireless Subscriber Base

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Annexure-I

Circle	Group													
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel		BSNL	
	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14
Andhra Pradesh	19996431	20114404	5532365	5433710	6308455	6258451	6421740	6341294	12340487	12352285	2010488	2017392	9919531	9932015
Assam	4533314	4600514	2278177	2273665	2825144	2847321			605830	613849	3754874	3788583	1280869	1295070
Bihar	22105299	22237165	9053532	9087647	7261299	7324232	2782047	2764522	6749494	6800810	5284236	5329597	3246007	3258402
Delhi	10196185	10271455	7676987	7687007	9186316	9151740	2915649	2906278	5552984	5554138	3837083	3887964		
Gujarat	7403781	7372596	6197612	6148098	17224139	17236757	2960292	2970564	9328695	9427794	28563	23563	4137901	4123434
Haryana	2435772	2441583	2165161	2088488	4973304	4958578	2575701	2553150	4256538	4238127	11092	4092	3331626	3330619
Himachal Pradesh	2205078	2228736	1440381	1453414	537630	543952	124479	124047	549461	566387	829083	828036	1433602	1434854
J & K	2650148	2689238	770669	809679	768205	803763			358893	379418	2119328	2143408	1271143	1283922
Karnataka	17156115	17224290	5678121	5592594	7217081	7174066	5828741	5903709	6761110	6760725	2539899	2601223	7350172	7071493
Kerala	3736971	3730238	1962799	1907966	6660168	6677086	1683615	1689732	8726254	8806031	918	918	7951150	7175488
Kolkata	3889640	3895131	3694340	3645969	4687679	4715623	2908959	2867058	1356808	1358353	2992857	3087676	860703	856548
Madhya Pradesh	10656657	10695374	11579733	11567723	4923396	4860890	4086321	4142805	17416844	17615776	22694	22694	4948640	4523872
Maharashtra	10678689	10590514	7085315	7011067	15519814	15565516	6326316	6322867	18934049	19002739	1452847	1488021	6583446	6536642
Mumbai	4447852	4478975	6081151	6087466	7521328	7575012	3472162	3468062	3391442	3417770	2009671	2038952		
North East	3124047	3154214	869231	860316	1177134	1187803			367005	366197	2351888	2371816	1521837	1540343
Orissa	7911114	8004032	3587126	3574191	3431482	3449771	2085024	2114454	1153283	1125507	3623866	3689522	3333678	3342128
Punjab	7548696	7558255	2875082	2853677	4712107	4725318	2431969	2387886	5916744	5901262	917796	940802	4629083	4661549
Rajasthan	15893169	16004281	5833537	5804324	10018392	10126233	2045889	1994363	6062139	6095882	4606045	4710576	6054920	6035423
Tamil Nadu (incl. Chennai)	14542201	14646630	5650487	5605140	13132243	13218395	5490795	5516477	2799139	2853605	22705354	22895536	9828051	9827685
U.P.(E)	16832395	17037098	8164966	8186026	15693822	15943480	4095361	4108929	8100053	8158364	5187672	5294759	10436240	10433685
U.P.(W)	6978121	7007593	5671206	5662138	9872358	9881548	3591361	3583334	11881831	11915796	109150	109150	4480281	4482404
West Bengal	10467228	10599333	7045183	7038753	12909490	13066723	1173311	1132583	3179103	3247416	3756304	3875841	2050565	2041802
<b>Total</b>	<b>205388903</b>	<b>206581649</b>	<b>110893161</b>	<b>110379058</b>	<b>166560986</b>	<b>167292258</b>	<b>62999732</b>	<b>62892114</b>	<b>135788186</b>	<b>136558231</b>	<b>70151708</b>	<b>71150121</b>	<b>94649445</b>	<b>93187378</b>
<b>Net Addition</b>		<b>1192746</b>		<b>-514103</b>		<b>731272</b>		<b>-107618</b>		<b>770045</b>		<b>998413</b>		<b>-1462067</b>

## Wireless Subscriber Base

## Annexure-I

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Circle	Group												Total		Net Add.
	MTNL		Telewings		Sistema		Loop		Videocon		Quadrant		Mar-14	Apr-14	
	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	
Andhra Pradesh			4620648	4817489									67150145	67267040	116895
Assam													15278208	15419002	140794
Bihar			5103486	5242326									61585400	62044701	459301
Delhi	2307731	2310934			911914	930887							42584849	42700403	115554
Gujarat			5450402	5600894	167580	170195			1638484	1759773			54537449	54833668	296219
Haryana									1502201	1553109			21251395	21167746	-83649
Himachal Pradesh													7119714	7179426	59712
J & K													7938386	8109428	171042
Karnataka					1788524	1802637							54319763	54130737	-189026
Kerala					398397	397683							31120272	30385142	-735130
Kolkata					679438	675555							21070424	21101913	31489
Madhya Pradesh									1846634	1969864			55480919	55398998	-81921
Maharashtra			6013176	6154705									72593652	72672071	78419
Mumbai	1064605	1074068					2896281	2819649					30884492	30959954	75462
North East													9411142	9480689	69547
Orissa													25125573	25299605	174032
Punjab											2178306	2262231	31209783	31290980	81197
Rajasthan					2131379	2153211							52645470	52924293	278823
Tamil Nadu (incl. Chennai)					1026197	1016004							75174467	75579472	405005
U.P.(E)			8470515	8636828									76981024	77799169	818145
U.P.(W)			5948152	6123008	223779	218445							48756239	48983416	227177
West Bengal					1709833	1714426							42291017	42716877	425860
<b>Total</b>	<b>3372336</b>	<b>3385002</b>	<b>35606379</b>	<b>36575250</b>	<b>9037041</b>	<b>9079043</b>	<b>2896281</b>	<b>2819649</b>	<b>4987319</b>	<b>5282746</b>	<b>2178306</b>	<b>2262231</b>	<b>904509783</b>	<b>907444730</b>	<b>2934947</b>
<b>Net Addition</b>		<b>12666</b>		<b>968871</b>		<b>42002</b>		<b>-76632</b>		<b>295427</b>		<b>83925</b>		<b>2934947</b>	

Proportion of VLR on the date of Peak VLR in the month of Apr-14 (%)													Annexure-II	
Circle	Aircel	Bharti	BSNL	Quadrant	Idea*	Loop	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	57.01	97.43	64.27		100.34			99.73		74.04	69.03		90.43	87.15
Assam	86.89	98.15	81.65		93.23			98.41					96.35	93.51
Bihar	68.62	97.93	62.63		106.64			99.68		51.24	80.00		96.45	91.00
Delhi	61.49	81.30			99.43		51.23	99.71	49.08	62.28			96.17	84.73
Gujarat	45.77	94.00	66.43		100.69			99.73	80.74	65.99	71.01	53.21	93.62	88.36
Haryana	8.92	97.62	49.23		99.04			99.51		74.18		52.16	95.67	83.84
Himachal Pradesh	56.92	96.00	77.76		108.62			94.17		44.89			97.76	87.72
J & K	85.13	96.76	67.97		89.89			66.68					85.88	84.72
Karnataka	55.16	98.01	55.77		101.79			99.66	65.79	76.19			92.26	86.86
Kerala	106.97	97.53	76.37		99.45			99.66	64.32	70.47			93.14	90.32
Kolkata	70.88	94.19	86.12		94.79			99.75	97.30	70.64			92.75	88.03
Madhya Pradesh	3.49	97.37	65.58		104.93			98.91		73.63		53.28	90.91	93.55
Maharashtra	65.10	98.34	74.09		102.08			99.71		74.90	72.51		97.51	92.18
Mumbai	57.56	87.19			91.88	49.35	77.85	99.72		66.72			85.55	81.76
North East	75.97	95.20	63.42		87.90			99.20					87.56	84.35
Orissa	59.13	97.50	84.26		94.72			99.72		69.93			89.01	86.88
Punjab	49.02	93.53	52.60	52.96	98.76			99.69		62.57			93.91	82.40
Rajasthan	66.88	94.72	45.68		104.30			99.55	58.82	84.55			96.41	86.76
Tamil Nadu (incl. Chennai)	58.31	96.09	47.81		83.71			97.15	68.17	62.24			95.84	75.09
U.P. (E)	68.98	95.00	44.67		106.29			99.73		61.25	78.34		101.07	85.78
U.P. (W)	21.98	91.17	56.50		99.64			99.69	57.98	65.38	79.65		98.25	88.84
West Bengal	76.77	97.83	81.22		102.65			99.60	74.74	49.64			99.58	94.11
<b>Total</b>	<b>64.88</b>	<b>95.49</b>	<b>60.49</b>	<b>52.96</b>	<b>101.19</b>	<b>49.35</b>	<b>59.68</b>	<b>99.13</b>	<b>66.75</b>	<b>68.63</b>	<b>75.47</b>	<b>52.93</b>	<b>95.33</b>	<b>87.18</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.	
	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14	Mar-14	Apr-14		
Andhra Pradesh	1657496	1652001			124186	122449	87540	87093	167433	167236					7,650	7,980	2044305	2036759		-7546
Assam	182904	182709													1,080	1,080	183984	183789	-195	
Bihar	363665	364490					5967	5967	11509	11544					450	450	381591	382451	860	
Delhi			1601739	1602063	1193992	1193071	184416	184309	107129	107345					16,710	17,640	3103986	3104428	442	
Gujarat	1459828	1445557			57703	57540	94892	94114	76052	76104					1,590	1,500	1690065	1674815	-15250	
Haryana	452,043	446,825			16467	16459	5787	5512	25551	25337					60	60	499908	494193	-5715	
Himachal Pradesh	246,352	243,891					4856	4856	2536	2510							253744	251257	-2487	
J & K	186,655	186,086															186655	186086	-569	
Karnataka	1535931	1516657			494606	494057	119169	119488	163213	163218					5,160	5,310	2318079	2298730	-19349	
Kerala	2773148	2759947			48687	48478	51375	50861	12732	12842						30	2885942	2872158	-13784	
Kolkata	847254	843226			104448	104842	82177	82231	41306	41506					1770	1770	1076955	1073575	-3380	
Madhya Pradesh	833717	832739			226758	226307	24188	23752	18695	18713					180	180	1103538	1101691	-1847	
Maharashtra	1882033	1866872			70273	70061	97569	96843	255854	256165					4,050	8,550	2309779	2298491	-11288	
Mumbai			1927013	1935190	355503	356199	235151	235349	523926	523364					9,060	9,240	3050653	3059342	8689	
North East	139,877	139,019													60	60	139937	139079	-858	
Orissa	335875	333904					3835	3595	7295	7352					450	450	347455	345301	-2154	
Punjab	876585	864667			92139	92063	22923	22447	17535	17530	212549	213323			360	360	1222091	1210390	-11701	
Rajasthan	798265	789956			37588	37498	23208	22896	8687	8810			55213	55373	1,350	1,350	924311	915883	-8428	
Tamil Nadu (incl.	2218136	2216617			460716	458834	147313	146799	82640	82581					4380	4410	2913185	2909241	-3944	
U.P.(E)	693951	678253			51754	51674	40976	40529	14621	14796					690	690	801992	785942	-16050	
U.P.(W)	504292	499418			21321	21090	6183	6350	9150	9217					270	270	541216	536345	-4871	
West Bengal	500140	495730					2197	1998	3784	3719					30	30	506151	501477	-4674	
<b>Total</b>	<b>18488147</b>	<b>18358564</b>	<b>3528752</b>	<b>3537253</b>	<b>3356141</b>	<b>3350622</b>	<b>1239722</b>	<b>1234989</b>	<b>1549648</b>	<b>1549889</b>	<b>212549</b>	<b>213323</b>	<b>55213</b>	<b>55373</b>	<b>55350</b>	<b>61410</b>	<b>28485522</b>	<b>28361423</b>	<b>-124099</b>	
<b>Net Addition</b>		<b>-129583</b>		<b>8501</b>		<b>-5519</b>		<b>-4733</b>		<b>241</b>		<b>774</b>		<b>160</b>		<b>6060</b>		<b>-124099</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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