

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 5th December, 2014

(www.trai.gov.in)

**Highlights of Telecom Subscription Data as on 31st October, 2014**

Particulars	Wireless	Wireline	Total (Wireless+ Wireline)
Total Telephone Subscribers (Million)	935.35	27.28	962.63
Net Addition in October, 2014 (Million)	5.14	-0.12	5.02
Monthly Growth Rate	0.55%	-0.45%	0.52%
Urban Telephone Subscribers (Million)	548.78	21.80	570.58
Net Addition in October, 2014 (Million)	1.08	-0.06	1.02
Monthly Growth Rate	0.20%	-0.26%	0.18%
Rural Telephone Subscribers (Million)	386.57	5.48	392.05
Net Addition in October, 2014 (Million)	4.07	-0.07	4.00
Monthly Growth Rate	1.06%	-1.20%	1.03%
Overall Tele-density*	74.89	2.18	77.07
Urban Tele-density*	142.44	5.66	148.10
Rural Tele-density*	44.76	0.64	45.39
Share of Urban Subscribers	58.67%	79.90%	59.27%
Share of Rural Subscribers	41.33%	20.10%	40.73%
Broadband Subscribers (Million)	64.06	15.15	79.21

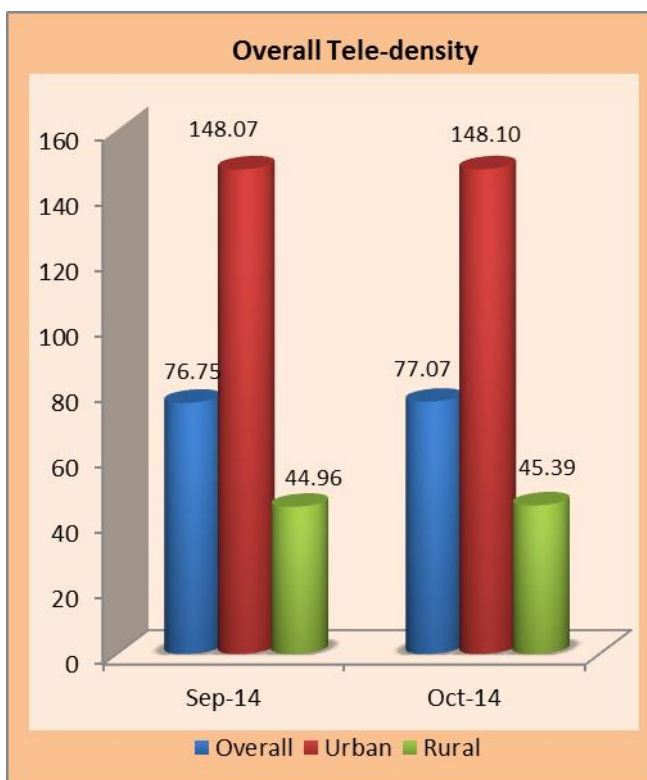
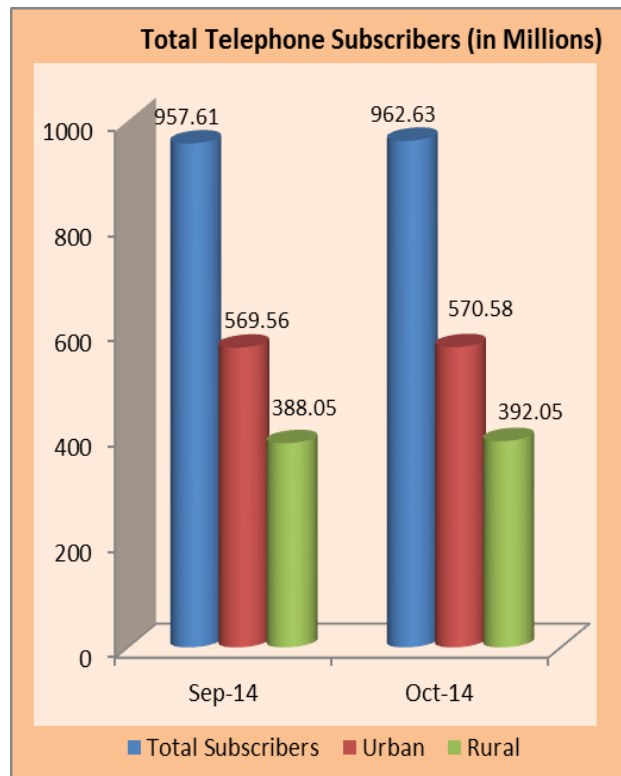
- ❖ In the month of October, 2014, 3.04 million subscribers submitted their requests for Mobile Number Portability (MNP). With this, the cumulative MNP requests increased from 132.81 million at the end of September, 2014 to 135.86 million at the end of October, 2014.
- ❖ Number of active wireless subscribers on the date of peak VLR# in October, 2014 was 821.26 million (87.80% of the total wireless subscriber base).

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

VLR is acronym of Visitor Location Register.

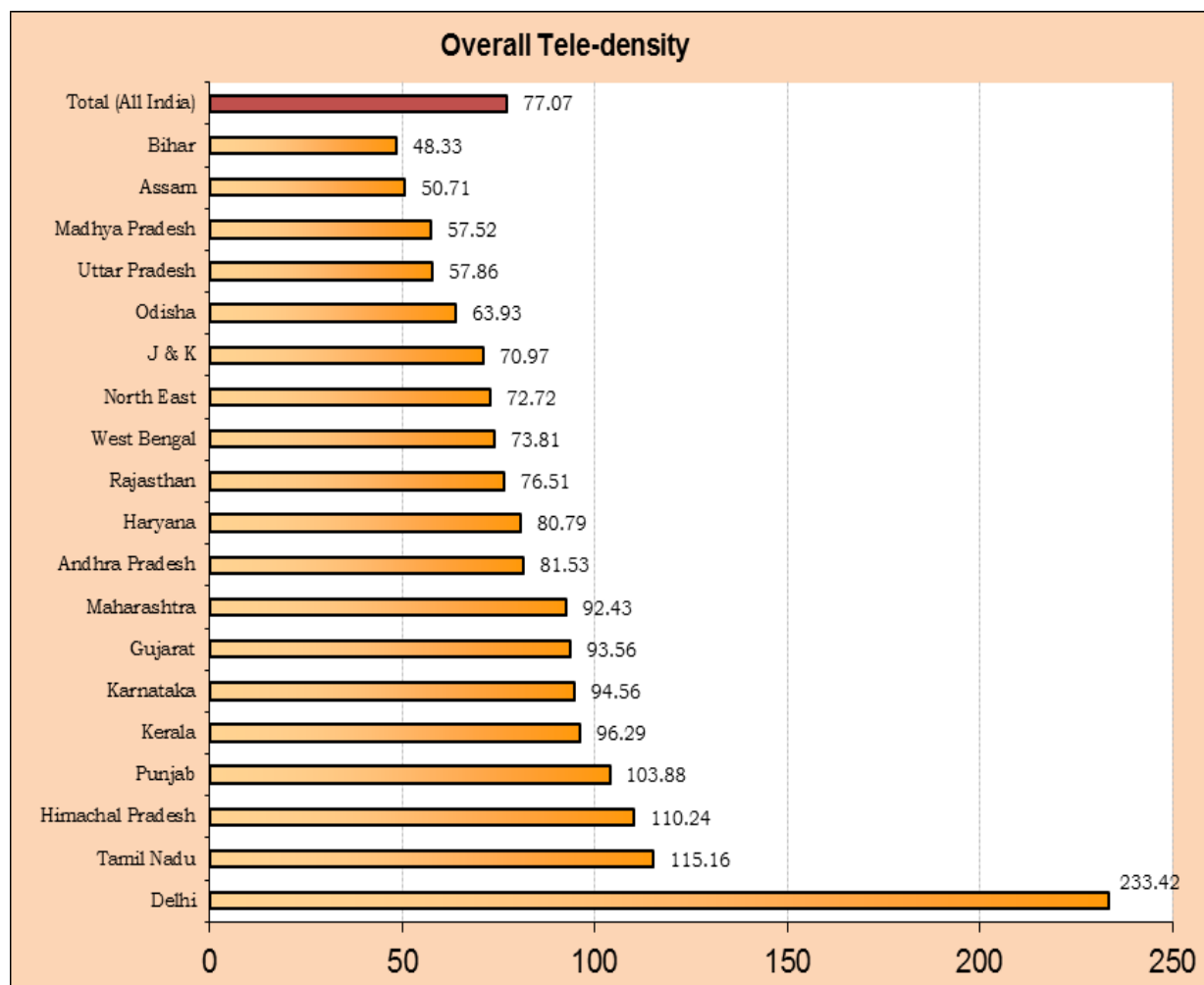
I. Total Telephone Subscribers

The number of telephone subscribers in India increased from 957.61 million at the end of September, 2014 to 962.63 million at the end of October, 2014, thereby showing a monthly growth rate of 0.52%. The urban subscription increased from 569.56 million at the end of September, 2014 to 570.58 million at the end of October, 2014 and the rural subscription increased from 388.05 million to 392.05 million during the same period. The monthly growth rates of urban and rural subscription were 0.18% and 1.03% respectively.



The overall Tele-density in India increased from 76.75 at the end of September, 2014 to 77.07 at the end of October, 2014. The Urban Tele-density increased from 148.07 to 148.10 and Rural Tele-density increased from 44.96 to 45.39 in the month of October 2014. The shares of urban subscribers and rural subscribers at the end of October, 2014 were 59.27% and 40.73% respectively.

Overall Tele-density (Circle/State Wise) – As on 31st October, 2014

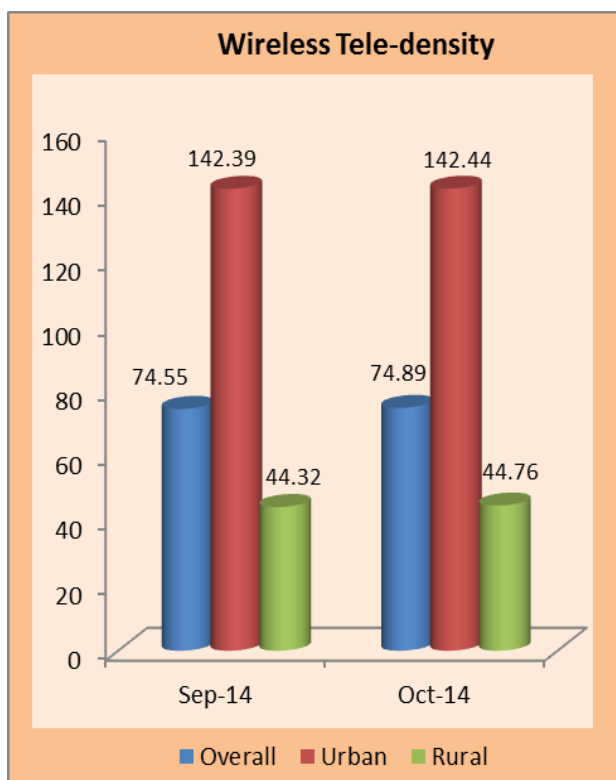
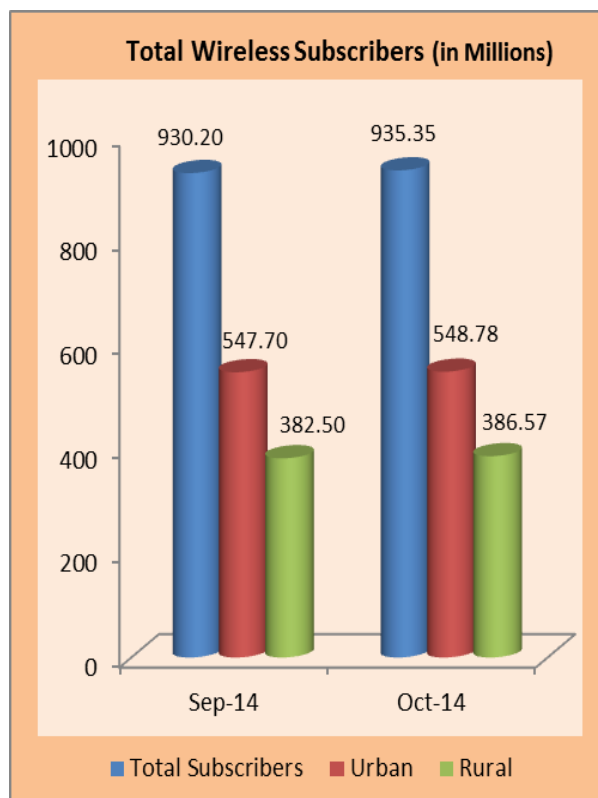


Notes:

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

II. Wireless Subscribers

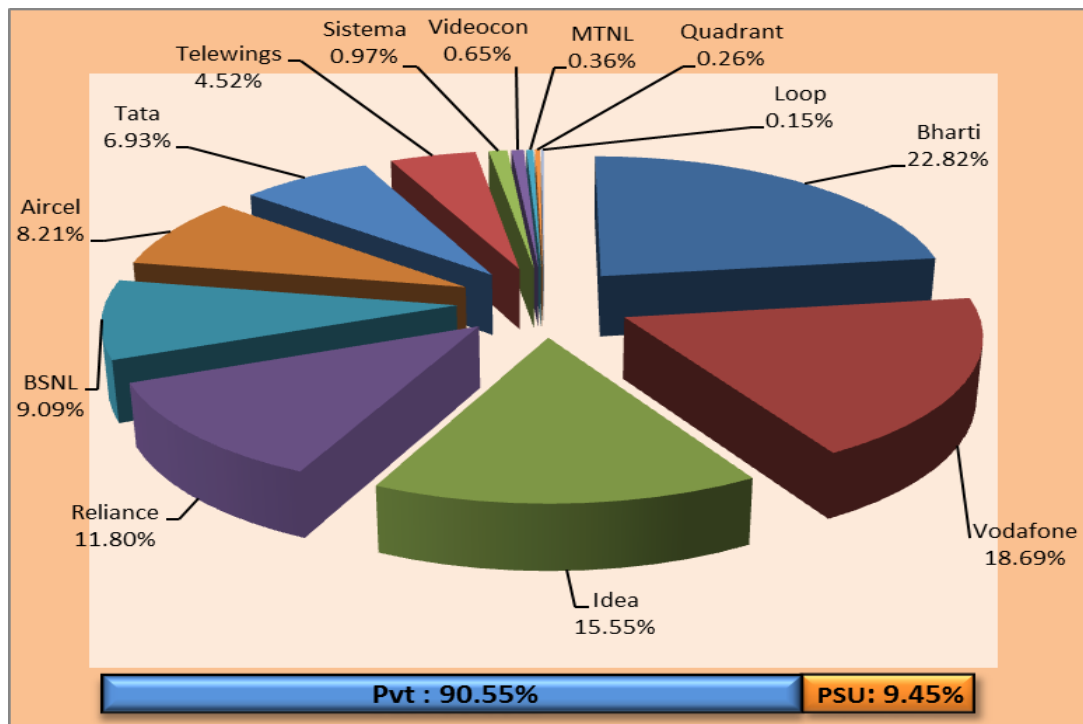
- Total wireless subscriber base increased from 930.20 million at the end of September, 2014 to 935.35 million at the end of October, 2014, thereby registering a monthly growth rate of 0.55%. Wireless subscription in urban areas increased from 547.70 million at the end of September, 2014 to 548.78 million at the end of October, 2014. The wireless subscription in rural areas increased from 382.50 million to 386.57 million during the same period. The monthly growth rates of urban and rural wireless subscription were 0.20% and 1.06% respectively.



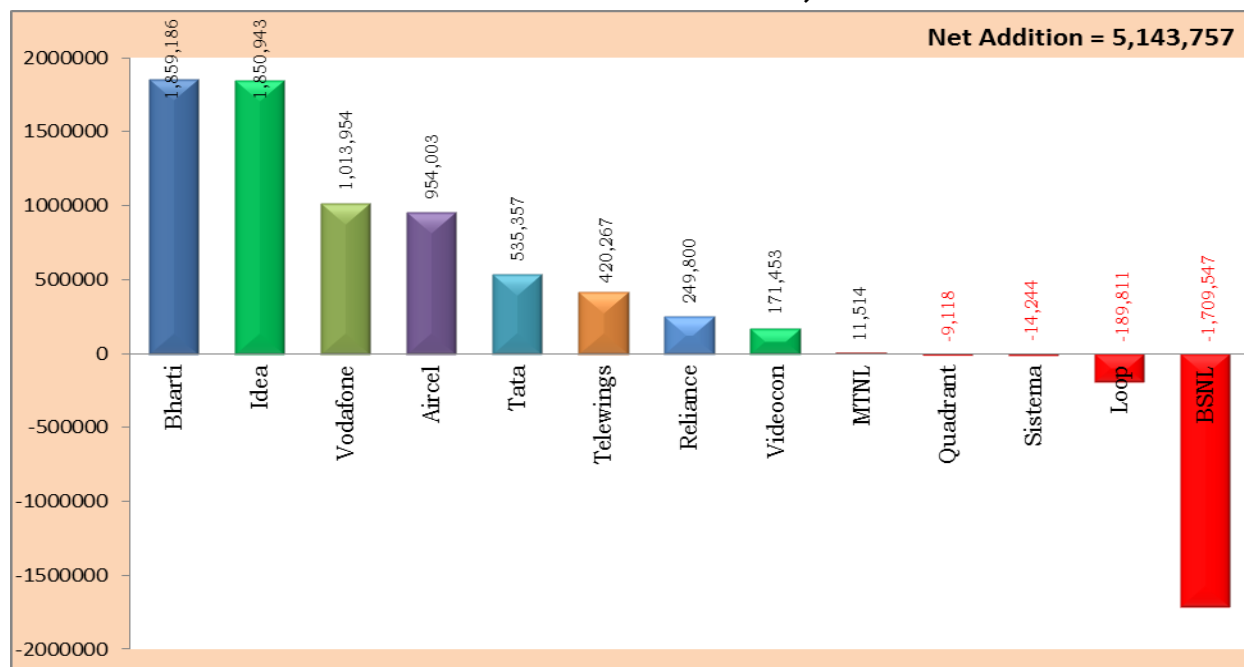
- The Wireless Tele-density in India increased from 74.55 at the end of September, 2014 to 74.89 at the end of October, 2014. The Urban Wireless Tele-density increased from 142.39 to 142.44 and Rural Wireless Tele-density increased from 44.32 to 44.76 in the month of October, 2014. The shares of urban and rural wireless subscribers were 58.67% and 41.33% respectively at the end of October, 2014. Detailed statistics of wireless subscriber base is available at **Annexure-I**.

- As on 31st October, 2014, the private access service providers held 90.55% market share of the wireless subscribers whereas BSNL and MTNL, the two PSU access service providers, held only 9.45% market share. The graphical representations of access service provider-wise market shares in the wireless segment and net additions in wireless subscriber bases are given below:

Access Service Provider-wise Market Shares in the Wireless Subscribers as on 31st October, 2014



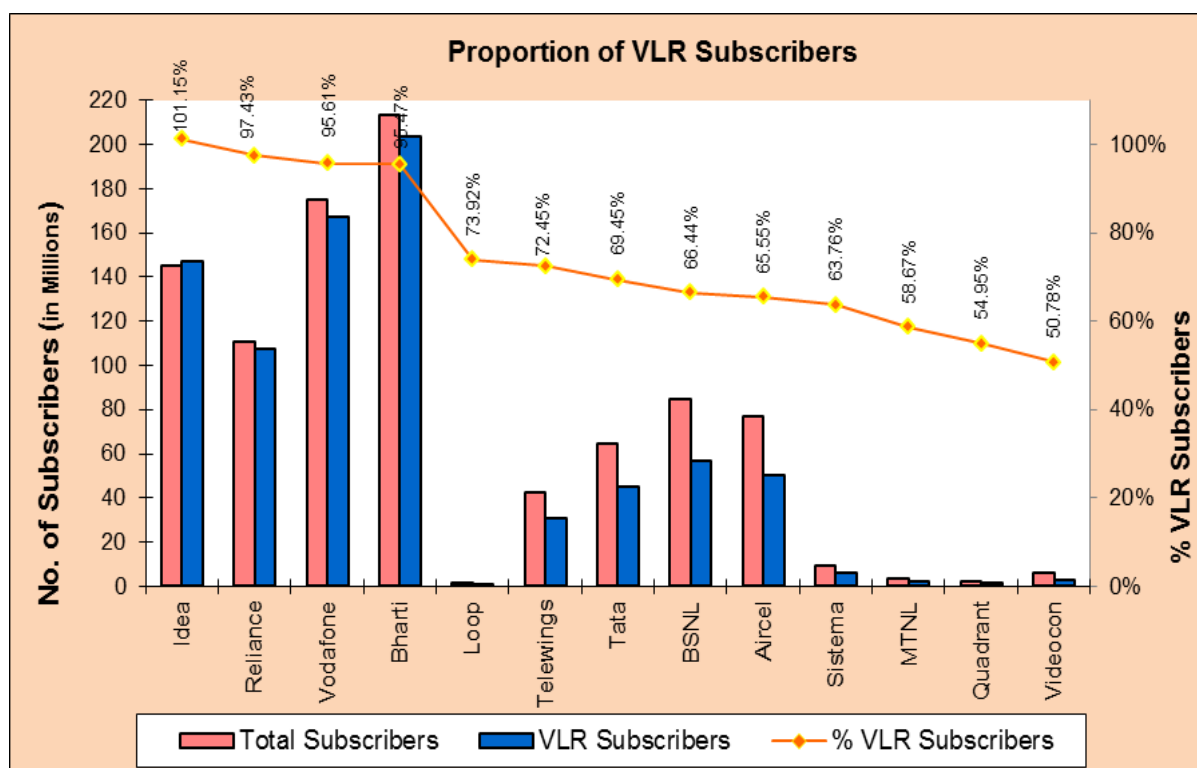
Net Additions in Wireless Subscriber Bases of Access Service Providers in the Month of October, 2014



III. Active Wireless Subscribers (VLR Data)

- Out of the total wireless subscriber base (935.35 million), 821.26 million wireless subscribers were active on the date of peak VLR in the month of October, 2014. The proportion of active wireless subscribers was approximately 87.80% of the total wireless subscriber base.
- The detailed statistics on proportion of active wireless subscribers (also referred to as VLR subscribers) on the date of peak VLR in the month of October, 2014 is available at **Annexure-II** and the methodology used for reporting VLR subscribers is available at **Annexure-IV**.

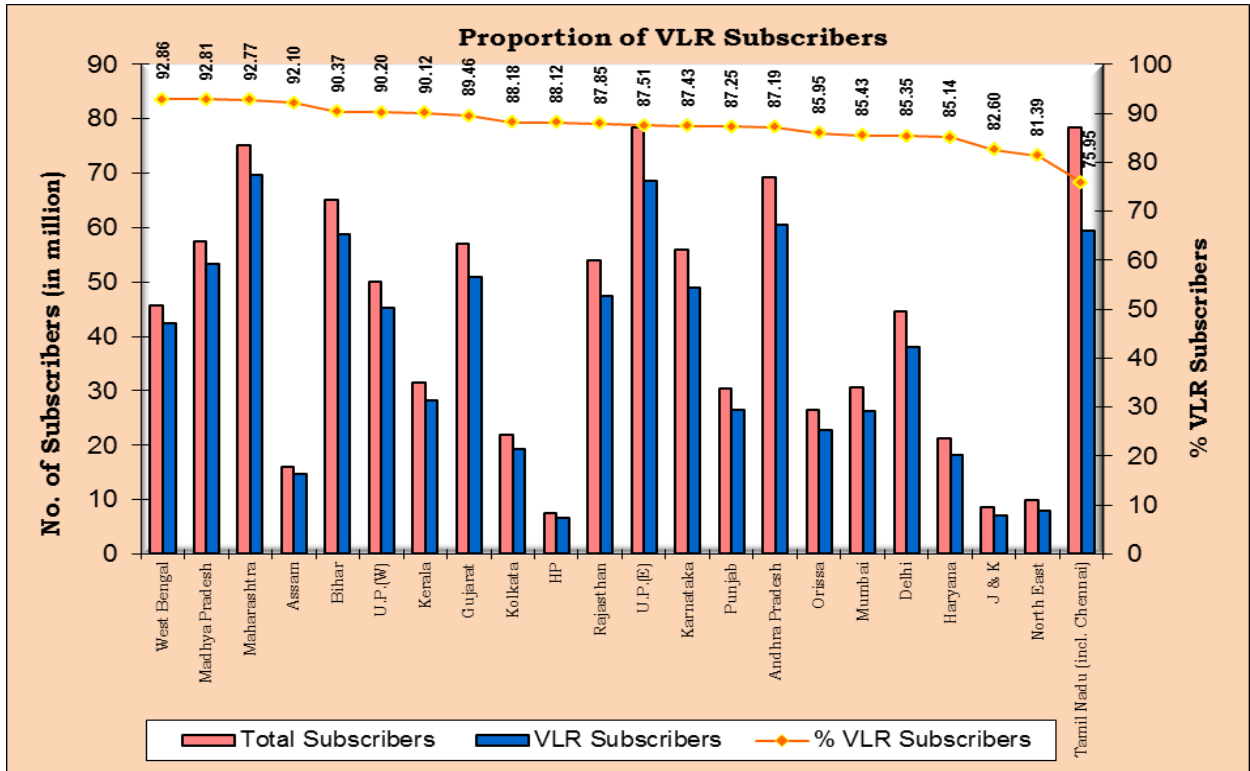
**Access Service Provider-wise Proportion of VLR Subscribers
In the Month of October, 2014**



Note-

1. Number of VLR subscribers of Idea Cellular was more than its subscriber base due to a large number of inroamers in its network.
2. Telewings was formerly known as Unitech.

Proportion of VLR Subscribers (Service Area-wise) in the Month of October, 2014



IV. Growth in Wireless Subscribers

Monthly Growth Rate of Wireless Subscribers (Access Service Provider-wise) in the Month of October, 2014



Monthly Growth Rate of Wireless Subscribers (Service Area-wise) in the Month of October, 2014



- J&K service area recorded the highest growth rate in wireless subscribers during the month of October, 2014 whereas Kolkata and U.P.(East) service areas showed decline in subscriber bases during the month.

V. Mobile Number Portability

- In the month of October, 2014, a total of 3.04 million subscribers submitted their requests for MNP. With this, the cumulative MNP requests increased from 132.81 million at the end of September, 2014 to 135.86 million at the end of October, 2014.
- In MNP Zone-I (Northern and Western India), the highest number of requests till date have been received in Rajasthan (about 13.39 million) followed by Gujarat (about 11.28 million). In MNP Zone-II (Southern and Eastern India), the highest number of requests till date have been received in Karnataka (about 15.38 million) followed by Andhra Pradesh (about 12.81 million).

- The status of MNP requests in various service areas is given below:

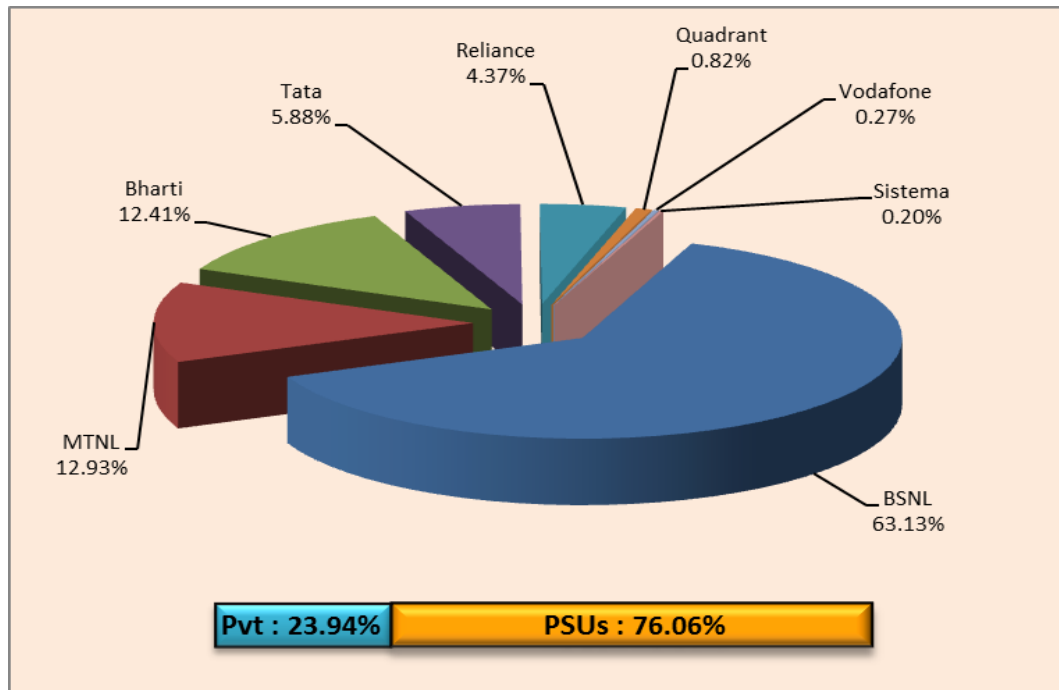
MNP Requests (Service Area-wise) at the end of October, 2014			
Zone - 1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	5296522	Andhra Pradesh	12813720
Gujarat	11282940	Assam	454188
Himachal Pradesh	5047402	Bihar	3131361
Haryana	466333	Karnataka	15376850
Jammu & Kashmir	29874	Kerala	5003559
Maharashtra	10400792	Kolkata	3120589
Mumbai	6842604	Madhya Pradesh	7874235
Punjab	4724372	North East	238401
Rajasthan	13389053	Orissa	2825365
Uttar Pradesh - East	7089657	Tamil Nadu	8229196
Uttar Pradesh - West	6965980	West Bengal	5254058
Total	71,535,529	Total	64,321,522
Total (Zone-1 + Zone-2)			135,857,051
Net Addition (in October, 2014)			3,042,067

VI. Wireline Subscribers

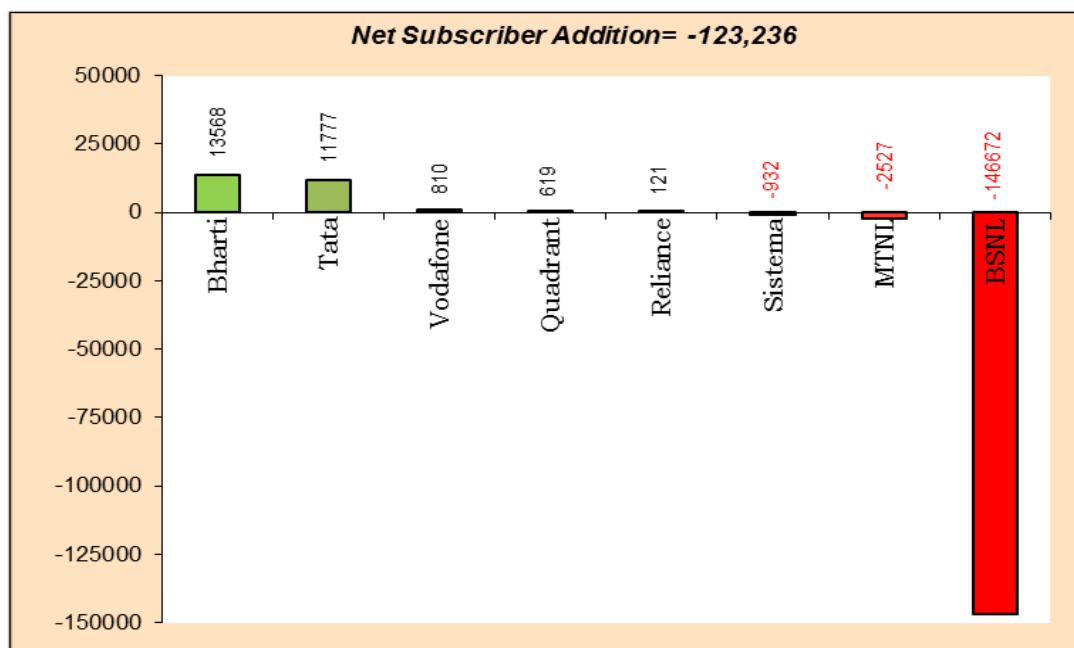
- Wireline subscriber base declined from 27.41 million at the end of September, 2014 to 27.28 million at the end of October, 2014. Net reduction in the wireline subscriber base was 0.12 million at the monthly decline rate of 0.45%. The share of urban and rural subscribers in total wireline subscribers were 79.90% and 20.10% respectively at the end of October, 2014.
- The Overall Wireline Tele-density decreased from 2.20 in September, 2014 to 2.18 in October, 2014, with Urban Wireline Tele-density and Rural Wireline Tele-density being 5.66 and 0.64 respectively. BSNL and MTNL, the two PSU access service providers, held 76.06% of the wireline market share. Detailed statistics of wireline subscriber base are available at **Annexure-III**.

- The graphical representations of access service provider-wise market shares in the wireline segment and net additions in wireline subscriber bases in the month of October, 2014 are given below:

Access Service Provider-wise Market Shares in the Wireline Subscribers as on 31st October, 2014



Net Additions in Wireline Subscriber Bases of Access Service Providers in the Month of October, 2014



Note : Vodafone has informed that it offers only Primary Rate Interfaces (PRIs) in wireline service segment.

VII. Category-wise Growth

- As can be seen from the following tables, in wireless segment, the Circles of Category-A showed the highest net addition and Circles in Category-C showed the highest monthly growth rate of subscriber base in the month of October, 2014. In Wireline segment, Circles of Category-B showed the highest net decline and the highest monthly decline rate of subscriber base in the same period, whereas Metro circles showed the positive growth during the month.

Circle Category-wise Net Additions in Telephone Subscribers

Circle Category	Net additions in the month of October, 2014		Telephone Subscriber base as on 31 st October, 2014	
	Wireline segment	Wireless segment	Wireline segment	Wireless segment
Circle A	-55305	1658758	10806077	335775214
Circle B	-69512	1465215	7859052	368783493
Circle C	-7023	1615764	1415958	133496762
Metro	8604	404020	7201578	97290308
All India	-123,236	5,143,757	27,282,665	935,345,777

Circle Category-wise Growth Rates in Telephone Subscribers

Circle Category	Monthly growth rate (%) (Sep-14 to Oct-14)		Yearly growth rate (%) (Oct-13 to Oct-14)	
	Wireline Segment	Wireless Segment	Wireline Segment	Wireless Segment
Circle A	-0.51	0.50	-5.92	6.99
Circle B	-0.88	0.40	-11.15	6.30
Circle C	-0.49	1.23	-6.55	8.93
Metro	0.12	0.42	-0.49	5.56
All India	-0.45	0.55	-6.19	6.84

Note: Circle Category-Metro includes Delhi, Mumbai and Kolkata. Data for Chennai has been included in Circle Category-A, as part of Tamilnadu.

VIII. Broadband (\geq 512 Kbps download)

- As per the reports received from the service providers, the number of broadband subscribers increased from 75.73 Million at the end of September, 2014 to 79.21 million at the end of October, 2014 with monthly growth rate of 4.59%. Segment-wise broadband subscribers and their monthly growth rates are as below:

Segment-wise Broadband Subscribers and Monthly Growth Rates

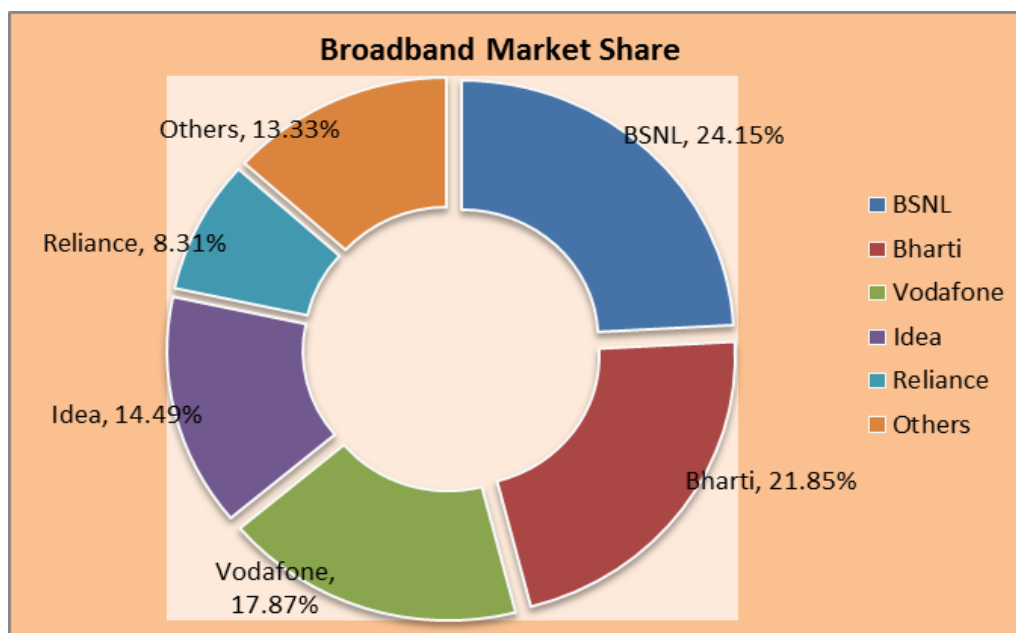
Segment	Broadband subscribers (in million)		Monthly growth rate (%)
	As on 30 th September, 2014	As on 31 st October, 2014	
Wired subscribers	15.13	15.15	0.16
Mobile devices users (Phones and dongles)	60.19	63.65	5.75
Fixed Wireless subscribers (Wi-Fi, Wi-Max, Point-to- Point Radio & VSAT)	0.42	0.42	0.00
Total	75.73	79.21	4.59

- Top five service providers constituted 86.67% market share of total broadband subscribers at the end of October, 2014. These service providers were BSNL (19.13 million), Bharti Airtel (17.31 million), Vodafone (14.15 million), Idea Cellular Ltd* (11.48 million) and Reliance Communications Group* (6.58 million).

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

- The graphical representation of the service provider-wise market share of broadband services is given below:

Service Provider-wise Market Share of Broadband (wired+wireless) Services



- As on 31st October, 2014, the top five Wired Broadband Service providers were BSNL (9.97 million), Bharti Airtel (1.40 million), MTNL (1.13 million), Beam Telecom (0.43 million) and YOU Broadband (0.41 million).
- As on 31st October, 2014, the top five Wireless Broadband Service providers were Bharti Airtel (15.91 million), Vodafone (14.15 million), Idea Cellular (11.47 million), BSNL (9.16 million) and Reliance Communications Group (6.48 million).

Contact details in case of any clarification:

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 Advisor (F&EA-I)**

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

Wireless Subscriber Base

Annexure-I
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Circle	Group													
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel		BSNL	
	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14
Andhra Pradesh	20584804	20728240	4875076	4871442	6623389	6732081	6189564	6220402	13077270	13293456	2204855	2245654	9946228	10003288
Assam	4765883	4808185	2227943	2200797	2944656	2976034			666458	678137	4003311	4063771	1298949	1293057
Bihar	22658278	23092031	9583334	9702627	7697096	7785531	2467136	2424477	7090620	7310998	5442632	5532012	3053670	3022129
Delhi	10774507	10809789	8040829	7996876	9338371	9329087	2558902	2853769	5796383	5763920	4511028	4599984		
Gujarat	7498409	7525649	6159117	6127623	18041356	18101782	3174989	3138630	10133624	10238735	18563	18563	3201843	3214741
Haryana	2421066	2440813	1954587	1961204	4965825	4969359	2651102	2698863	4252950	4303654	3592	3592	3209502	3209948
Himachal Pradesh	2335669	2350562	1441996	1463078	598035	603947	112957	110564	634636	647155	876478	880960	1443707	1443762
J & K	2800232	2823075	734783	714881	890099	941901			423722	429252	2284190	2363924	1266127	1257237
Karnataka	17777929	17899637	5206758	5117753	7524081	7502504	6553724	6621789	7348259	7416662	2807110	2867276	6782120	6854036
Kerala	3818401	3817903	1752088	1731384	6897766	6933949	1694252	1695903	9264596	9334970	918	918	7432438	7501758
Kolkata	4005840	4026486	3747523	3779793	4751505	4703393	2969276	2950727	1532614	1513344	3470458	3491281	827215	822836
Madhya Pradesh	10951800	11010333	11967850	11968621	5048878	5249161	4532716	4555754	18267158	18485117	22694	22694	3867006	3866270
Maharashtra	10533521	10543618	6987795	6950649	16343514	16381362	6387413	6441052	20168615	20367244	1694890	1713492	5544309	5450941
Mumbai	4650945	4733708	6031423	6030516	7865981	7945624	3538467	3552889	3606124	3664297	2213482	2238261		
North East	3191007	3211140	851971	821537	1229623	1235537			390278	397365	2532562	2643058	1559493	1555043
Orissa	8317844	8387494	3692223	3731698	3561326	3586331	2233063	2248586	1206630	1225149	3855679	3900201	3425958	3450314
Punjab	7596318	7638088	2910753	2983959	4769649	4766553	2470402	2497561	5970601	5989117	991039	991817	3168449	3173631
Rajasthan	16388986	16549809	5938710	5998042	10362725	10370244	1893139	1850254	6268311	6336488	5252634	5296614	5337405	5342965
Tamil Nadu (incl. Chennai)	15052717	15149019	5793837	5823939	13679203	13731357	5725095	5747196	3432626	3565196	23443748	23537020	9901707	9856538
U.P.(E)	17331023	17527273	7717108	7800829	16430059	16559617	4348346	4423427	8271049	8455232	5745174	5832635	9661222	8124813
U.P.(W)	7081358	7155558	5154122	5224115	10218371	10292483	3726210	3761383	12130607	12315182	120935	134408	3804561	3483608
West Bengal	11014779	11182092	7354198	7372461	14065785	14163410	1021333	990217	3627060	3680464	4354677	4426517	1986189	2081636
Total	211551316	213410502	110124024	110373824	173847293	174861247	64248086	64783443	143560191	145411134	75850649	76804652	86718098	85008551
Net Addition		1859186		249800		1013954		535357		1850943		954003		-1709547

Wireless Subscriber Base

Annexure-I

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Circle	Group												Total		Net Addition
	MTNL		Telewings		Sistema		Loop		Videocon		Quadrant		Sep-14	Oct-14	
	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14			
Andhra Pradesh			5359457	5243542									68860643	69338105	477462
Assam													15907200	16019981	112781
Bihar			6090744	6183225									64083510	65053030	969520
Delhi	2316636	2319118			997830	1009532							44334486	44682075	347589
Gujarat			6299248	6299242	179032	181095			2019730	2094217			56725911	56940277	214366
Haryana									1675194	1714613			21133818	21302046	168228
Himachal Pradesh													7443478	7500028	56550
J & K													8399153	8530270	131117
Karnataka					1721646	1708366							55721627	55988023	266396
Kerala					401470	406717							31261929	31423502	161573
Kolkata					677124	672032							21981555	21959892	-21663
Madhya Pradesh									2246948	2304495			56905050	57462445	557395
Maharashtra			7125382	7272234									74785439	75120592	335153
Mumbai	1080844	1089876					1582981	1393170					30570247	30648341	78094
North East													9754934	9863680	108746
Orissa													26292723	26529773	237050
Punjab											2433975	2424857	30311186	30465583	154397
Rajasthan					2191050	2200150							53632960	53944566	311606
Tamil Nadu (incl. Chennai)					993903	977952							78022836	78388217	365381
U.P.(E)			9772784	9727720									79276765	78451546	-825219
U.P.(W)			7167971	7509890	200988	202164							49605123	50078791	473668
West Bengal					1767426	1758217							45191447	45655014	463567
Total	3397480	3408994	41815586	42235853	9130469	9116225	1582981	1393170	5941872	6113325	2433975	2424857	930202020	935345777	5143757
Net Addition		11514		420267		-14244		-189811		171453		-9118		5143757	

Proportion of VLR on the date of Peak VLR in the month of Oct-14 (%)													Annexure-II	
Circle	Aircel	Bharti	BSNL	Quadrant	Idea*	Loop	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	62.44	98.13	63.01		99.52			98.79		76.18	70.84		87.84	87.19
Assam	86.74	97.89	80.69		90.58			92.31					95.22	92.10
Bihar	75.47	95.12	64.37		103.97			98.87		52.51	74.69		97.85	90.37
Delhi	64.09	83.93			93.15		50.24	98.88	46.98	58.37			102.19	85.35
Gujarat	51.25	95.11	85.55		102.18			99.29	81.52	66.22	69.87	48.18	93.03	89.46
Haryana	191.48	100.53	52.24		99.13			98.39		76.77		51.33	97.61	85.14
Himachal Pradesh	58.69	95.57	79.24		105.54			95.27		34.43			97.11	88.12
J & K	81.61	95.21	71.92		91.03			59.08					75.55	82.60
Karnataka	59.48	98.81	57.79		102.18			99.07	63.88	78.28			88.99	87.43
Kerala	109.48	96.26	75.33		101.22			96.53	58.77	73.98			91.96	90.12
Kolkata	74.15	93.79	85.27		87.80			97.92	90.34	70.27			97.51	88.18
Madhya Pradesh	2.44	94.20	79.05		105.48			94.07		72.13		52.73	88.51	92.81
Maharashtra	61.18	98.92	84.80		102.33			99.34		72.28	69.18		98.63	92.77
Mumbai	61.23	91.87			91.77	73.92	76.59	98.75		68.74			86.06	85.43
North East	68.55	97.53	64.08		86.56			83.95					85.37	81.39
Orissa	60.59	95.95	84.08		94.27			98.04		69.35			86.93	85.95
Punjab	46.88	95.49	75.47	54.95	101.24			99.22		62.83			94.46	87.25
Rajasthan	64.47	94.13	49.88		105.22			99.19	59.11	91.92			97.53	87.85
Tamil Nadu (incl. Chennai)	58.32	97.04	49.62		79.85			94.31	67.43	63.95			98.61	75.95
U.P. (E)	66.15	95.30	58.14		105.45			99.36		61.72	76.90		99.58	87.51
U.P. (W)	69.34	92.21	71.65		102.45			99.28	54.63	65.26	71.27		99.72	90.20
West Bengal	76.44	96.35	79.48		103.43			96.46	67.29	54.81			98.41	92.86
Total	65.55	95.47	66.44	54.95	101.15	73.92	58.67	97.43	63.76	69.45	72.45	50.78	95.61	87.80

*Peak VLR figures in some circles of Idea Cellular Ltd., M/s Aircel Ltd., Bharti Airtel Ltd and M/s Vodafone India Ltd are more than their HLR figures due to a large number of inroamers.

Wireline Subscriber Base																		Annexure-III		
Circle	Group																	Net Addition		
	BSNL		MTNL		Bharti		Reliance		Tata		Quadrant		Sistema		Vodafone		Total			
	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14	Oct-14	Sep-14		Oct-14	
Andhra Pradesh	1576418	1564976			122398	121364	84230	83431	166066	164190					8,580	8,730	1957692	1942691	-15001	
Assam	179241	178603													1,290	1,290	180531	179893	-638	
Bihar	357674	356308					6096	6100	12011	12047					750	720	376531	375175	-1356	
Delhi			1603251	1604091	1196544	1204127	180041	180976	114873	115826					19,500	19,650	3114209	3124670	10461	
Gujarat	1372851	1361236			59958	60196	85900	83492	79237	80077					2,070	2,250	1600016	1587251	-12765	
Haryana	426,944	411,972			16450	16457	4881	4916	30007	31907					150	90	478432	465342	-13090	
Himachal Pradesh	230,839	227,980					4837	4837	2728	2901					90	90	238494	235808	-2686	
J & K	160,363	158,664															160363	158664	-1699	
Karnataka	1454534	1444387			506981	512394	124008	125769	170904	172145					6,120	6,210	2262547	2260905	-1642	
Kerala	2659577	2634522			48742	48962	42553	40590	14378	14434					510	540	2765760	2739048	-26712	
Kolkata	800147	795326			105891	105928	80711	80568	44744	44842					3000	2970	1034493	1029634	-4859	
Madhya Pradesh	831860	829233			228934	229487	22187	22363	19111	19194					330	330	1102422	1100607	-1815	
Maharashtra	1789483	1770809			70346	69742	86795	84673	263285	267198					9,120	9,150	2219029	2201572	-17457	
Mumbai			1926912	1923545	349402	350402	234239	236858	523099	525909					10,620	10,560	3044272	3047274	3002	
North East	130,095	129,804													120	120	130215	129924	-291	
Orissa	325809	325452					2952	2952	7546	7520					540	570	336847	336494	-353	
Punjab	818372	809809			91942	92119	20851	21361	16935	17025	224147	224766			540	540	1172787	1165620	-7167	
Rajasthan	749996	739626			39232	39373	22092	22967	9545	9557			55716	54784	1,800	1,740	878381	868047	-10334	
Tamil Nadu (incl. Chennai)	2126088	2115688			459758	459540	142248	142908	88214	89432					5790	6090	2822098	2813658	-8440	
U.P.(E)	436242	432207			54655	54772	38676	38618	15330	15595					1,050	1,110	545953	542302	-3651	
U.P.(W)	476823	474281			20432	20370	6408	6445	9679	9627					330	360	513672	511083	-2589	
West Bengal	465606	461407					1897	1899	3624	3667					30	30	471157	467003	-4154	
Total	17368962	17222290	3530163	3527636	3371665	3385233	1191602	1191723	1591316	1603093	224147	224766	55716	54784	72330	73140	27405901	27282665	-123236	
Net Addition		-146672		-2527		13568		121		11777		619		-932		810		-123236		

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 service provider. 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 service provider. 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 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 Distribution Channels (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.