

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 12th March, 2014

(www.trai.gov.in)

**Highlights on Telecom Subscription Data as on 31st January, 2014**

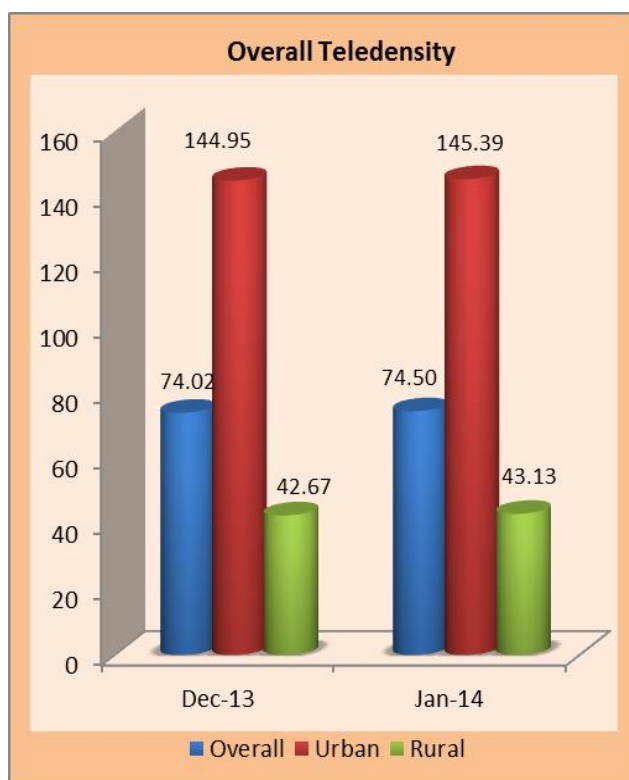
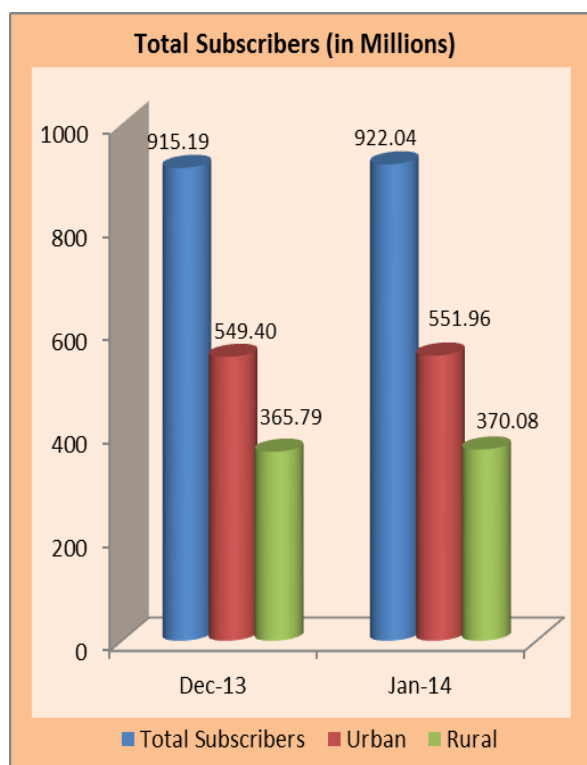
Particulars	Wireless	Wireline	Total Wireless + Wireline
Total Subscribers (Million)	893.31	28.72	922.04
Total Net Monthly Addition (Million)	7.02	-0.17	6.85
Monthly Growth	0.79%	-0.59%	0.75%
Urban Subscribers (Million)	529.30	22.66	551.96
Urban Subscribers Net Monthly Addition (Million)	2.67	-0.11	2.56
Monthly Growth	0.51%	-0.48%	0.47%
Rural Subscribers (Million)	364.01	6.06	370.08
Rural Subscribers Net Monthly Addition (Million)	4.35	-0.06	4.29
Monthly Growth	1.21%	-0.99%	1.17%
Overall Teledensity*	72.18	2.32	74.50
Urban Teledensity*	139.42	5.97	145.39
Rural Teledensity*	42.43	0.71	43.13
Share of Urban Subscribers	59.25%	78.89%	59.86%
Share of Rural Subscribers	40.75%	21.11%	40.14%

- ❖ Mobile Number Portability requests increased from 109.37 million subscribers at the end of December, 2013 to 111.94 million at the end of January, 2014. In the month of January, 2014 alone 2.56 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in January, 2014 are 772.65 million, 86.49% of the total subscribers.
- ❖ Total Broadband (\geq 512 Kbps) subscription is 56.90 million at the end of January, 2014. Out of which, wired broadband subscription is 14.55 million and wireless broadband subscription is 42.35 million.

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

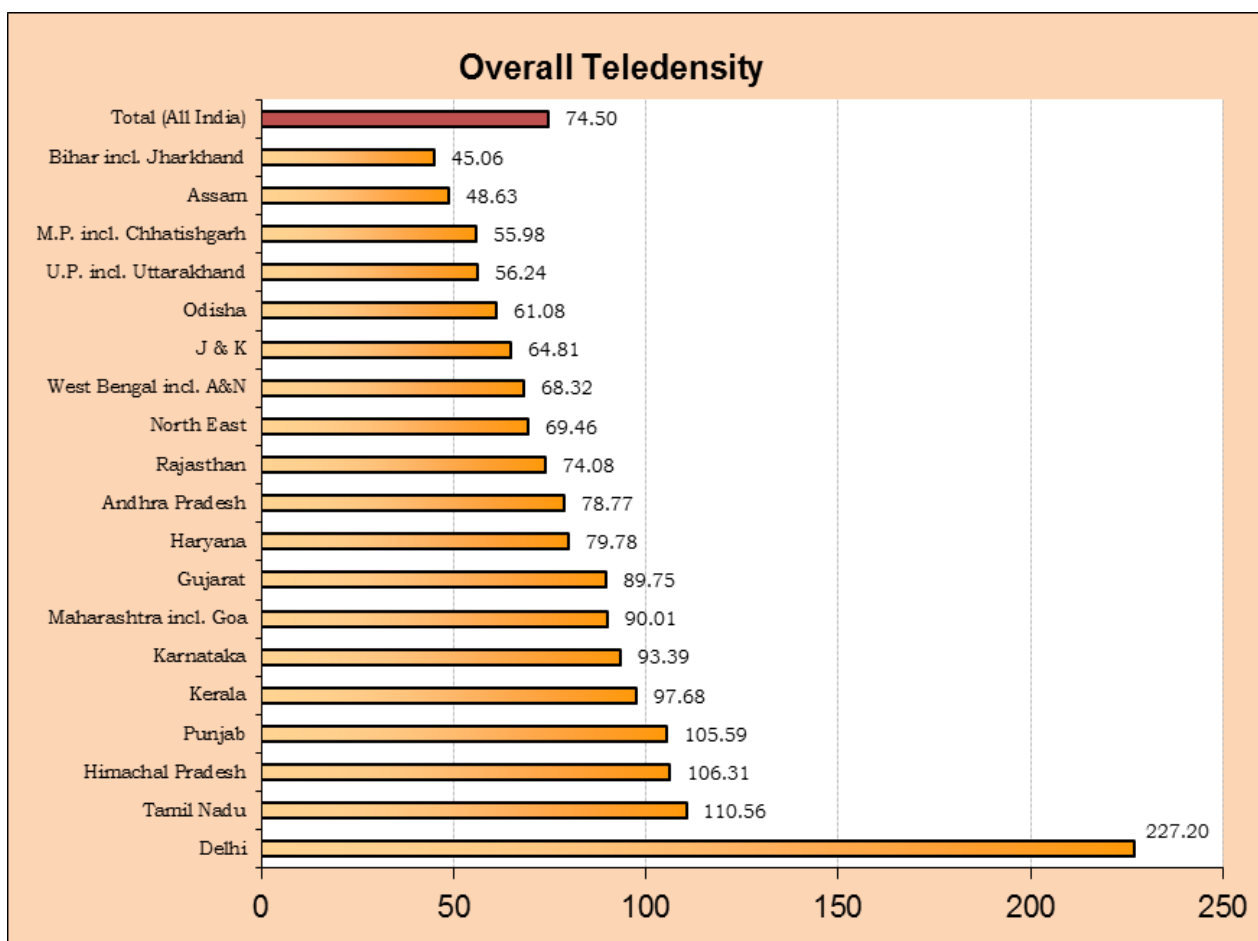
I. Total Telephone Subscribers

• The number of telephone subscribers in India increased from 915.19 million at the end of December, 2013 to 922.04 million at the end of January, 2014, thereby showing a monthly growth of 0.75%. The share of urban subscribers has declined from 60.03% to 59.86% whereas share of rural subscribers has increased from 39.97% to 40.14% in the month of January, 2014. With this, the overall Tele-density in India increased from 74.02 at the end of December, 2013 to 74.50 at the end of January, 2014.



• Subscription in the urban areas increased from 549.40 million in December, 2013 to 551.96 million at the end of January, 2014. Subscription in rural areas increased from 365.79 million to 370.08 million during the same period. The monthly growth rate of urban and rural subscription is 0.47% and 1.17% respectively. The overall urban Tele-density has increased from 144.95 to 145.39 and Rural Tele-density increased from 42.67 to 43.13 in this month.

Overall Teledensity (Circle/State Wise) – As on 31st January, 2014

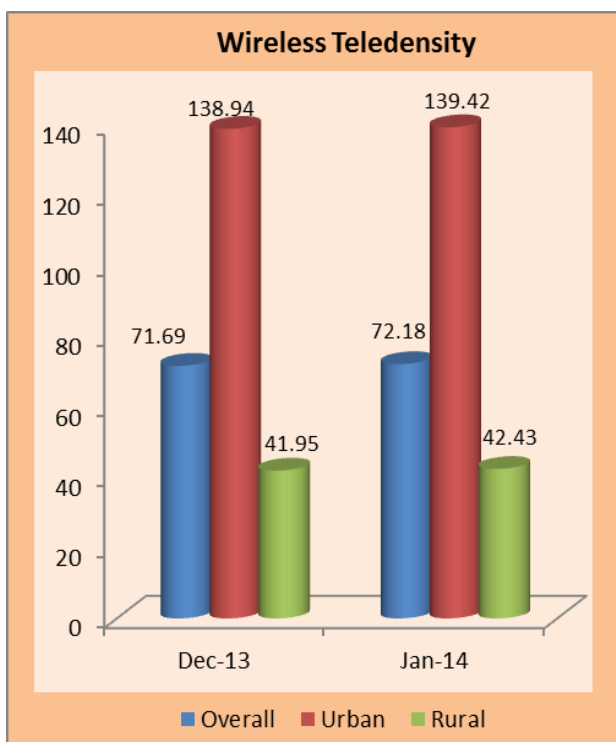
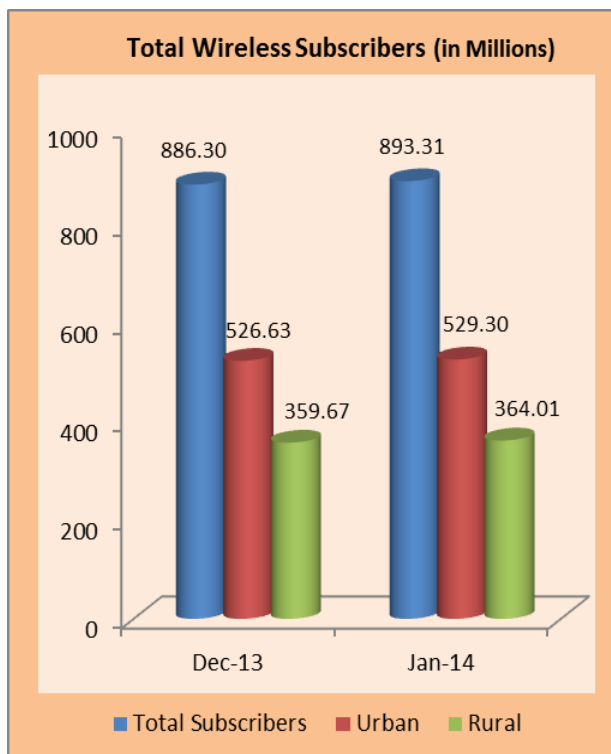


Notes:

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)

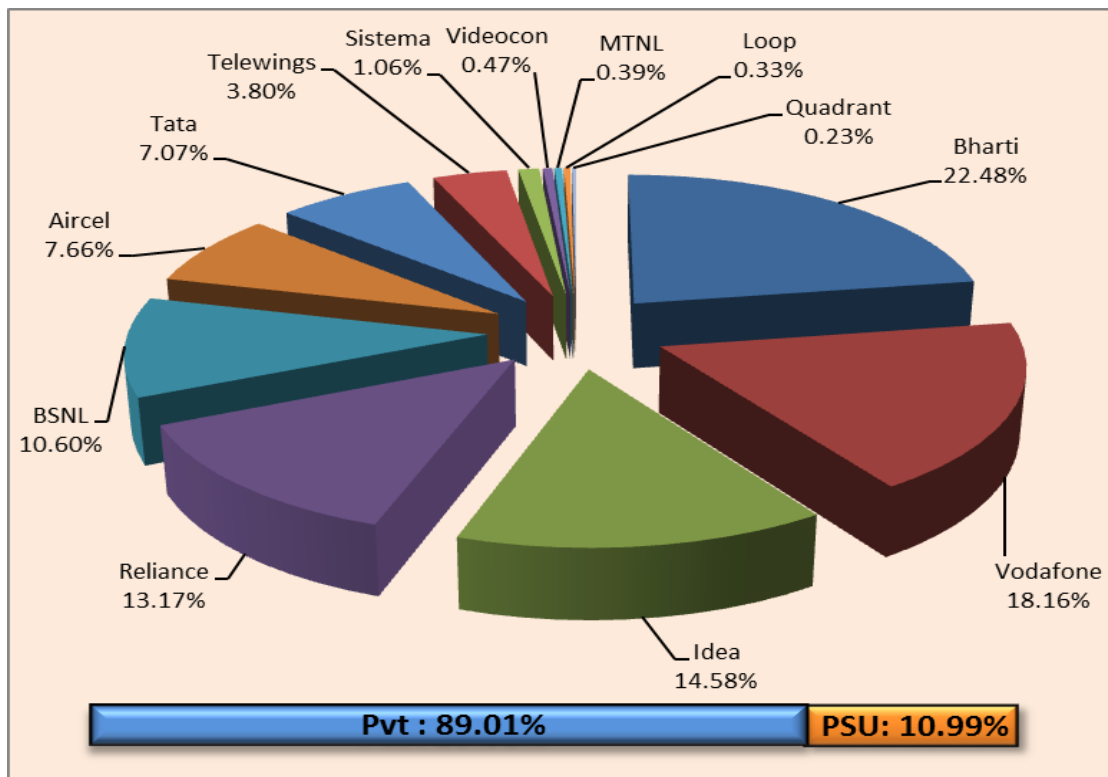
- Total wireless subscriber base increased from 886.30 million in December, 2013 to 893.31 million at the end of January, 2014, registering a monthly growth of 0.79%. The share of urban wireless subscribers has declined from 59.42% to 59.25% whereas share of rural wireless subscribers has increased from 40.58% to 40.75%. The overall wireless Tele-density in India has reached 72.18 from 71.69 of previous month.



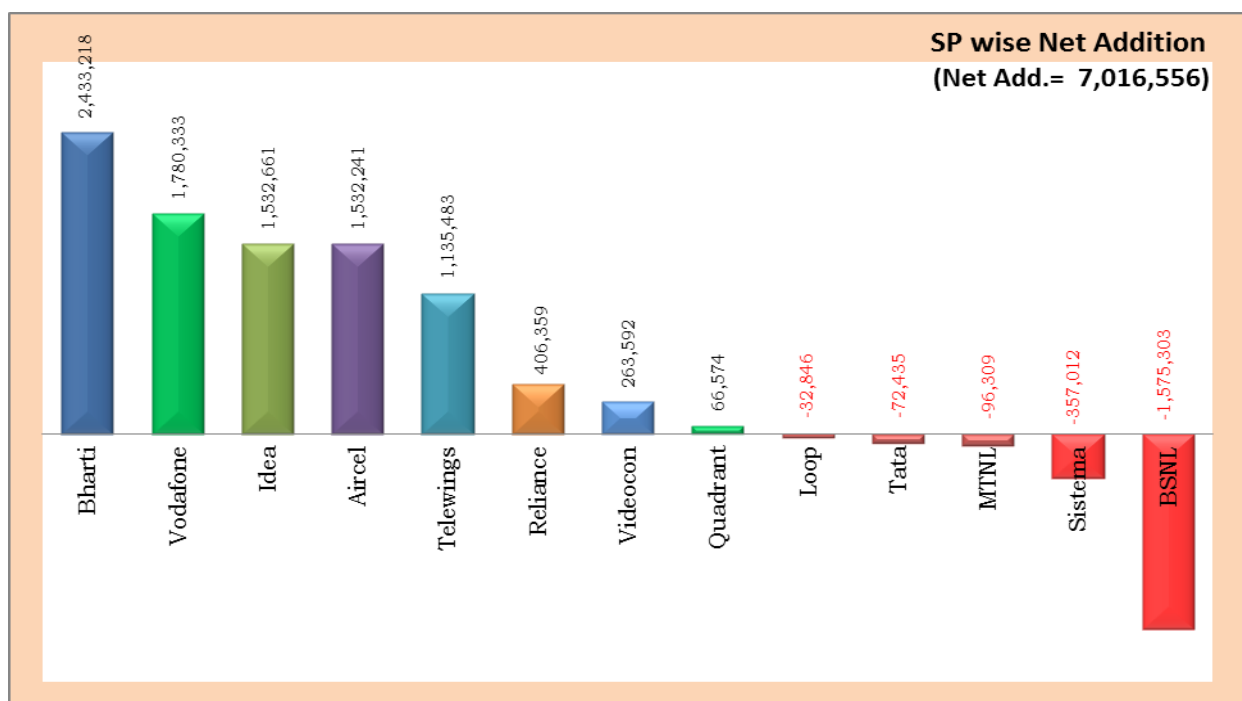
- Wireless subscription in urban areas increased from 526.63 million in December, 2013 to 529.30 million at the end of January, 2014. The wireless subscription in rural areas increased from 359.67 million to 364.01 million during the same period. The urban wireless Tele-density has increased from 138.94 to 139.42 and rural Tele-density has increased from 41.95 to 42.43. Detailed statistics of wireless subscriber base is available at Annexure-I.

- Private operators hold 89.01% of the wireless subscriber market share where as BSNL and MTNL, the two PSU operators hold only 10.99% market share. The graphical representations of market shares and shares in net additions of all the service providers during the month of January, 2014 are given below:

A. Service Provider wise Market Share as on 31st January, 2014.



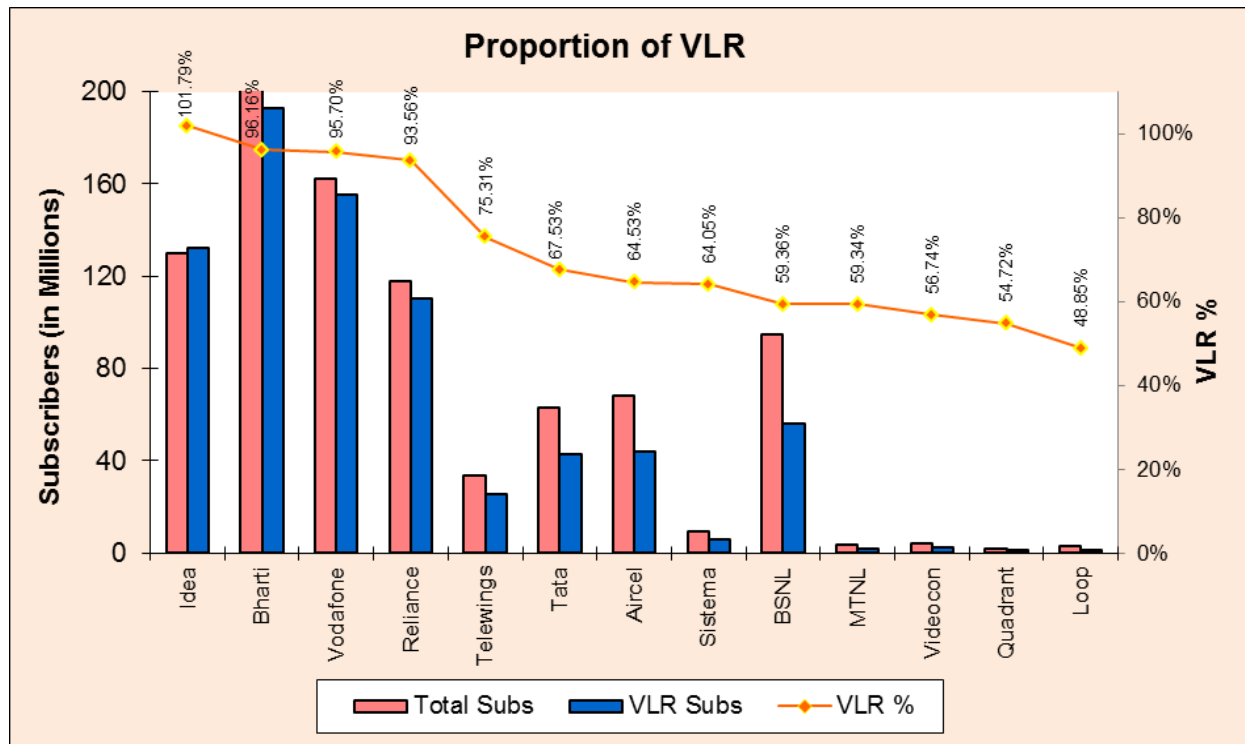
B. Service Provider wise net subscriber addition during January, 2014



III. VLR Data

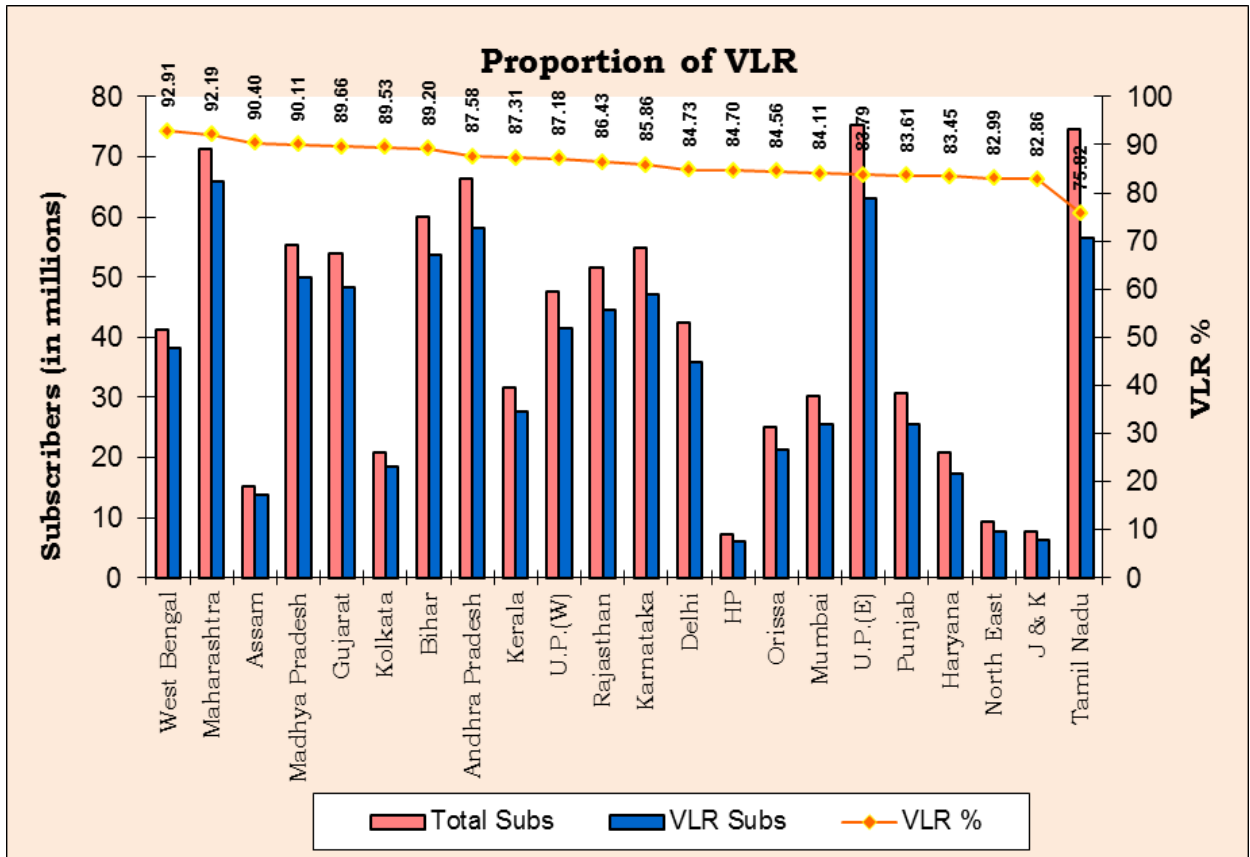
- Out of the total 893.31 million wireless subscribers, 772.65 million were active on the date of Peak VLR for the month of January, 2014. The proportion of VLR subscribers is approximately 86.49% of the total wireless subscriber base reported by the service providers.
- Service Provider wise, Idea leads the tally with 101.79% followed by Bharti (96.16%) and Vodafone (95.70%). Loop has the lowest proportion of VLR with 48.85%. Circle-wise, West Bengal has the highest proportion of VLR subscribers with 92.91% followed by Maharashtra (92.19%) and Assam (90.40%). Tamil Nadu (incl. Chennai) has the lowest VLR proportion with 75.82%.
- 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) – January, 2014

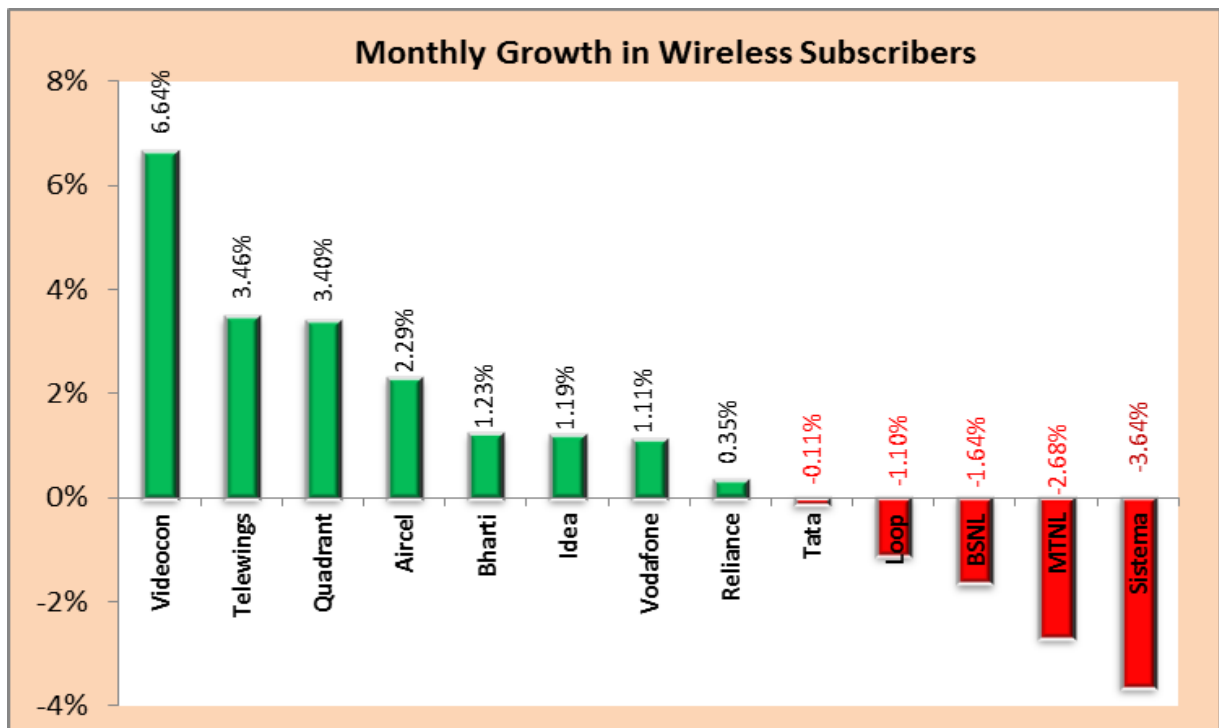


Note : 1. Peak VLR of M/s Idea Cellular is more than its HLR due to more number of inroamers.
 2. Telewings was formerly known as Unitech.

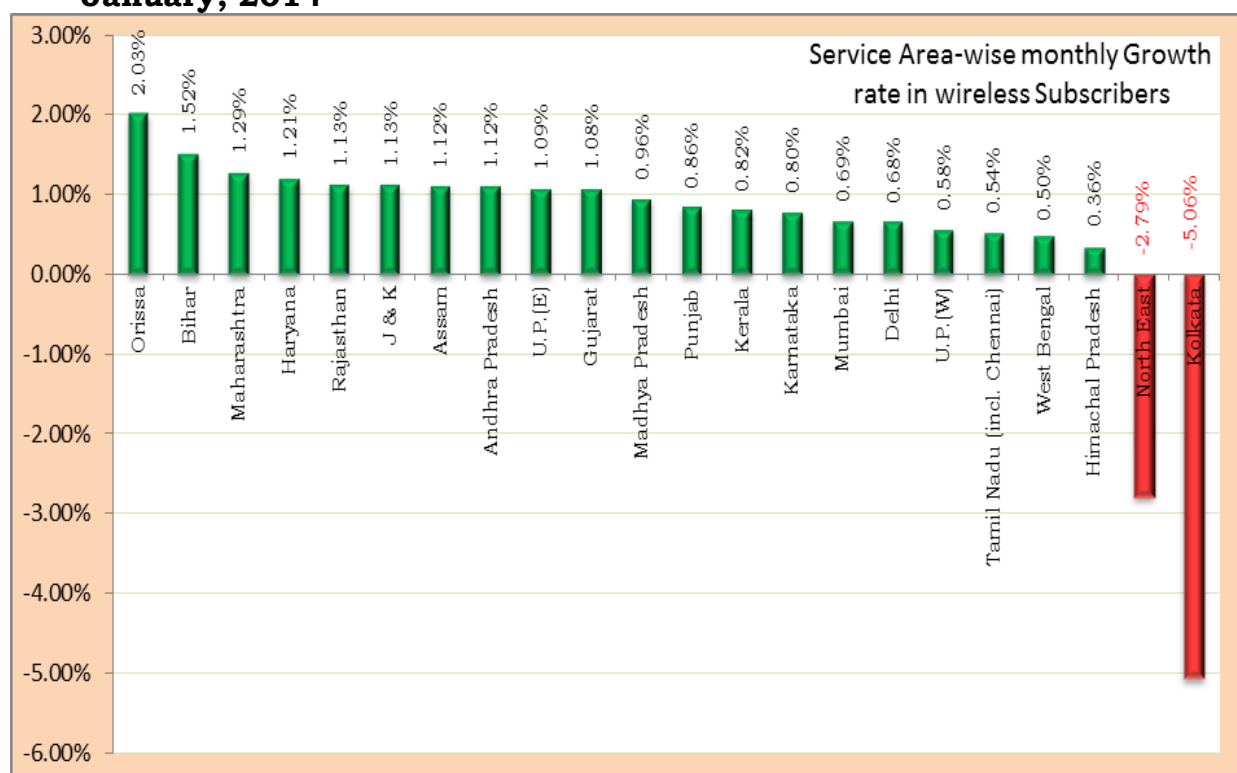
C. Proportion of VLR subscribers (Service Area wise) – January, 2014



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



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



IV. Mobile Number Portability

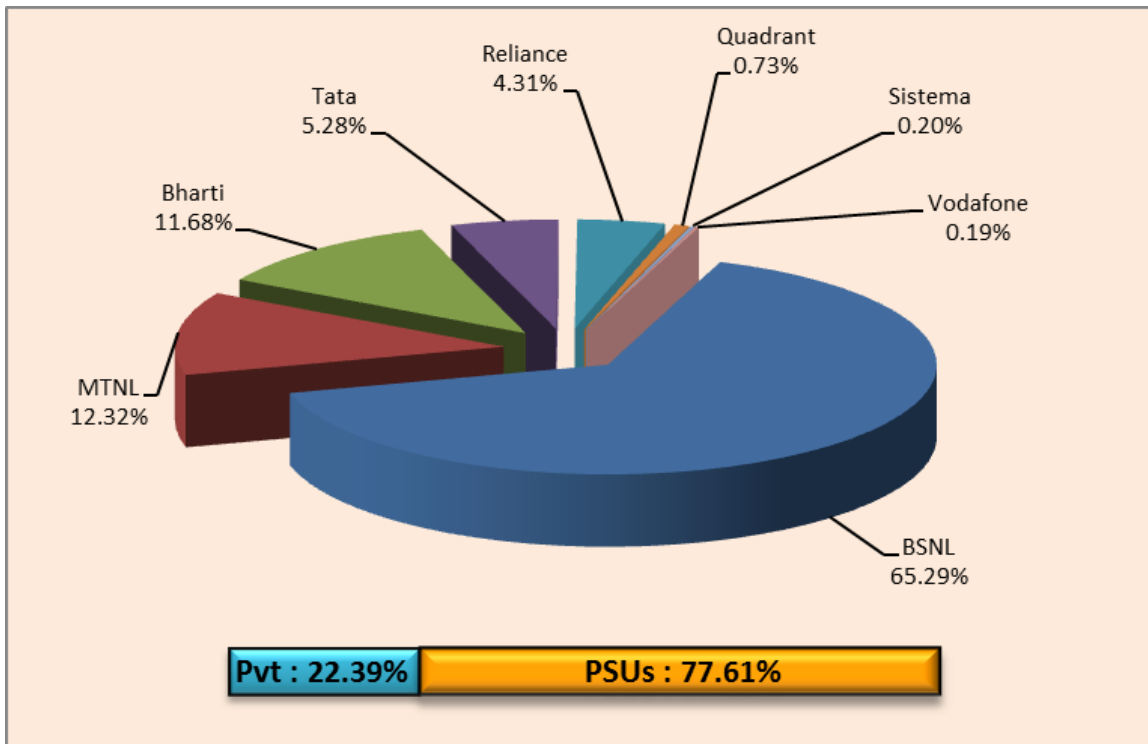
- As per the data reported by the service providers, by the end of January, 2014 about 111.94 million subscribers have submitted their requests to different service providers for porting their mobile number.
- In MNP Zone-I (Northern & Western India) maximum number of requests have been received in Rajasthan (about 11.27 million) followed by Gujarat (about 9.65 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (about 12.79 million) followed by Andhra Pradesh Service area (about 10.29 million).
- In the month of January, 2014, total number of subscribers who have submitted their request for MNP is 2.56 million. The status of MNP requests in various service areas is given below:

Service Area Wise MNP Status at the end of January, 2014			
Zone - 1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	4141971	Andhra Pradesh	10286263
Gujarat	9653640	Assam	399054
Himachal Pradesh	390608	Bihar	2588535
Haryana	4182164	Karnataka	12789070
Jammu & Kashmir	20610	Kerala	4374593
Maharashtra	8908629	Kolkata	2467704
Mumbai	4615737	Madhya Pradesh	6370632
Punjab	3823201	North East	193510
Rajasthan	11266036	Orissa	2363286
Uttar Pradesh - East	6258542	Tamil Nadu	6588511
Uttar Pradesh - West	6109768	West Bengal	4145535
Total	59,370,906	Total	52,566,693
Total (Zone-1 + Zone-2)		111,937,599	
Net Addition (in January, 2014)		2,564,211	

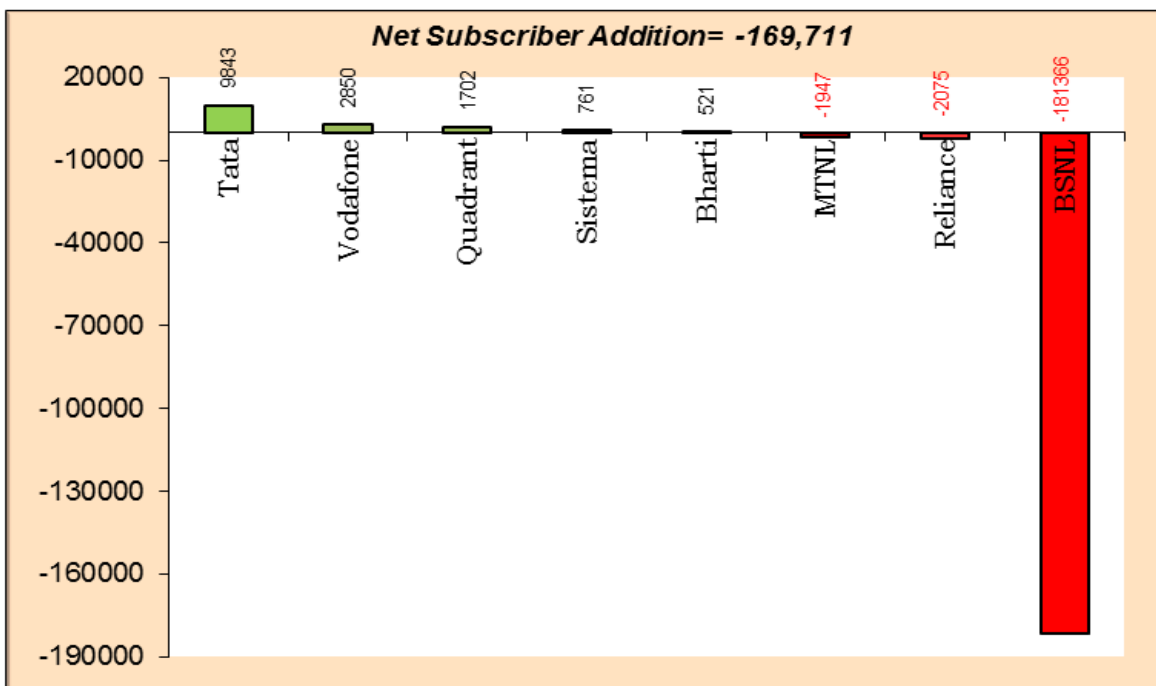
V. Wireline Segment

- Wireline subscriber base declined from 28.89 million at the end of December, 2013 to 28.72 Million at the end of January, 2014. Net reduction in wireline subscriber base was 0.17 million at the decline rate of 0.59%. The share of urban subscribers has increased from 78.81% to 78.89% whereas share of rural subscribers has decreased from 21.19% to 21.11%.
- The overall wireline Tele-density has slightly decreased from 2.34 in December, 2013 to 2.32 in January, 2014, with urban and rural Teledensity being 5.97 and 0.71 respectively. BSNL and MTNL, the two PSU operators hold 77.61% 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 31st January, 2014 is given below:

F. Service Provider wise Market Share of wireline subscribers as on 31st January, 2014



G. Wireline Service Provider wise Net addition/decline during January, 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, the Circles in Category B show the highest net addition and circles in Category C show the highest rate of monthly growth of subscriber base in wireless segment. In wireline segment, Circles in Category B show the highest net decline and highest monthly decline rate in subscriber base from December, 2013 to January, 2014. However, Metros show the positive growth in wireline segment and negative growth in wireless segment.

Category wise Net Additions and subscriber base

Category	Net Additions during the month of January, 2014		Subscriber Base as on 31 st January, 2014	
	Wireline	Wireless	Wireline	Wireless
Circle A	-38366	3058784	11361142	321146958
Circle B	-128781	3158276	8623514	354036759
Circle C	-3286	1413807	1505199	124596252
Metro	722	-614311	7234682	93534504
All India	-169711	7016556	28724537	893314473

Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (Dec-13 to Jan-14)		Yearly rate of growth (Jan-13 to Jan-14)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.34%	0.96%	-6.42%	4.90%
Circle B	-1.47%	0.90%	-10.15%	3.77%
Circle C	-0.22%	1.15%	-10.82%	2.52%
Metro	0.01%	-0.65%	1.96%	-0.26%
All India	-0.59%	0.79%	-5.89%	3.56%

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

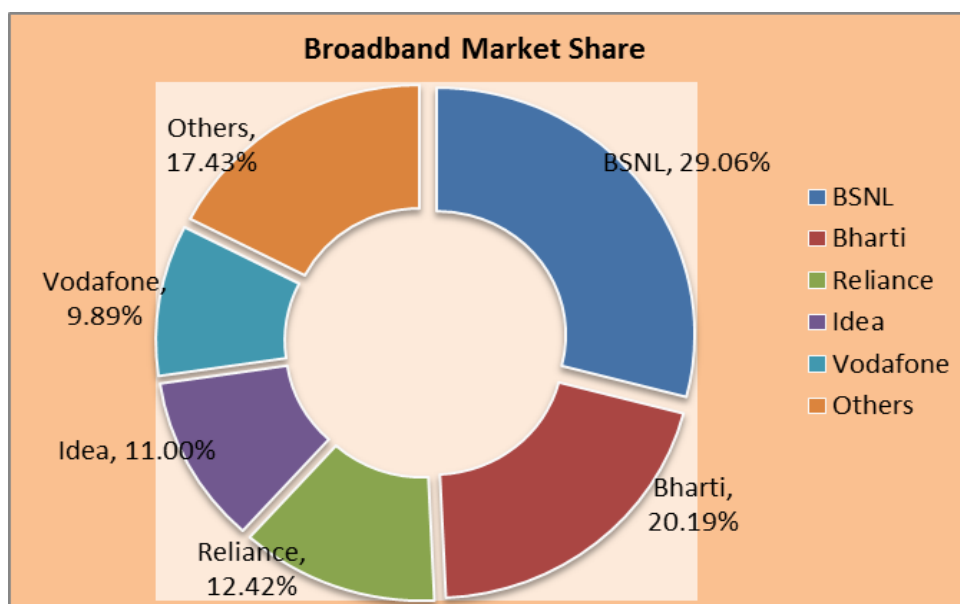
VII. Broadband (\geq 512 Kbps download)

- As per the reports received from 144 Broadband service providers, there are 56.90 Million Broadband subscribers in the country at the end of January, 2014. Segment wise broadband subscriber base are as below :

Sl. No.	Segment	Broadband subscribers (in million)		% Change
		Dec-13	Jan-14	
01	Wired Subscribers	14.54	14.55	0.08
02	Mobile devices users (Phones + Dongles)	40.26	41.95	4.20
03	Other Wireless (Wi-Fi, Wi-Max, Point-to-Point Radio & VSAT)	0.39	0.40	1.66
	Total	55.20	56.90	3.09

- Top five broadband service providers constitute 82.57% market share of total broadband subscribers. They are BSNL (16.54 million), Bharti (11.49 million), Reliance (7.07 million), Idea (6.26 million) and Vodafone (5.63 million).
- Top five Wired Broadband Service providers are BSNL (9.98 million), Bharti (1.39 million), MTNL (1.11 million), Hathway Cable (0.36 million) and Beam Telecom (0.36 million).
- Top five Wireless Broadband Service providers are Bharti (10.10 million), Reliance (6.96 million), BSNL (6.56 million), Idea (6.26 Million) and Vodafone (5.63 million).

H. Broadband (wired+wireless) Market Share



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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	
	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14
Andhra Pradesh	19436219	19700602	5906754	5907659	6077497	6150608	6483489	6480147	11871133	12038573	1915091	1940154	9680901	9786660
Assam	4328881	4394850	2587203	2579770	2675731	2728862			522948	547494	3688411	3706030	1239034	1253553
Bihar	21199942	21485973	9121159	9165549	6981540	7113337	2952584	2876605	6176803	6277988	4956916	5177910	3144128	3177577
Delhi	9905645	10028752	7932705	7879558	9027906	9108542	2898651	2893676	5286966	5376543	3616425	3778488		
Gujarat	7214153	7237646	6711434	6729465	17013839	17046975	2782083	2845111	8921842	8938782	30773	30773	4402109	4420814
Haryana	2350583	2368740	2162246	2191074	4785526	4808021	2679111	2664330	3973386	4061249	11092	11092	3210485	3256936
Himachal Pradesh	2136526	2155419	1506733	1516446	525407	527782	134671	131411	504451	512266	791195	784007	1530313	1527796
J & K	2568145	2571114	691582	714878	722504	732422			286557	306493	2083022	2108278	1242046	1246493
Karnataka	16906063	17065791	6333387	6411962	7105202	7146327	5939225	5903442	6554392	6600203	2339135	2546089	7212462	7230944
Kerala	3668530	3699195	2174798	2195624	6615300	6625536	1677027	1663978	8610522	8563435	1183	1183	8128853	8404573
Kolkata	3807919	3842231	3820981	3863599	4509247	4527455	2840471	2875415	1235606	1280909	2652293	2804989	2264226	866187
Madhya Pradesh	10421680	10490135	12469060	12829812	4526810	4671534	3988604	4038015	16569091	16765452	22694	22694	5367319	4999936
Maharashtra	10363527	10484563	7386062	7389820	14730310	15011575	6172551	6222818	18052738	18151446	1368100	1389269	6603679	6669293
Mumbai	4265414	4366132	6059875	6091998	7022548	7113051	3471234	3468667	3308930	3355450	1966337	1929080		
North East	2987775	3035984	1023042	1019408	1112729	1129908			326038	329958	2345455	2338153	1793975	1468054
Orissa	7441424	7616080	4227962	4242618	3257688	3308052	2000271	2015488	1045241	1102358	3386838	3558272	3302476	3319091
Punjab	7276076	7335050	2954030	2963345	4586222	4609740	2453424	2464452	5779877	5804185	833256	866042	4524935	4558608
Rajasthan	15367403	15562804	5917928	5936615	9492378	9603620	2224151	2153652	5596326	5740348	4097283	4310006	5969683	5998544
Tamil Nadu (incl. Chennai)	14166935	14291585	6120155	6106341	12848672	12932279	5411810	5460294	2584110	2633971	22304026	22432741	9704306	9733791
U.P.(E)	15961838	16211071	8647704	8657965	14918878	15167294	4226597	4190454	7627574	7687655	5030073	5160078	10323788	10356792
U.P.(W)	6701790	6789781	5974732	5940226	9523020	9650166	3668931	3616406	11171838	11325435	109150	109150	4570778	4378244
West Bengal	9930069	10106257	7513020	7315179	12349011	12475212	1262612	1230701	2678674	2817511	3363082	3439593	2076722	2063029
Total	198406537	200839755	117242552	117648911	160407965	162188298	63267497	63195062	128685043	130217704	66911830	68444071	96292218	94716915
Net Addition		2433218		406359		1780333		-72435		1532661		1532241		-1575303

Wireless Subscriber Base

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Annexure-I

Circle	Group												Total		Net Add.
	MTNL		Telewings		Sistema		Loop		Videocon		Quadrant		Dec-13	Jan-14	
	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	
Andhra Pradesh			4278351	4378406									65649435	66382809	733374
Assam													15042208	15210559	168351
Bihar			4633099	4792525									59166171	60067464	901293
Delhi	2557204	2450041			938558	934013							42164060	42449613	285553
Gujarat			4846861	5122178	179551	177527			1244101	1375776			53346746	53925047	578301
Haryana									1326511	1385674			20498940	20747116	248176
Himachal Pradesh													7129296	7155127	25831
J & K													7593856	7679678	85822
Karnataka					1961615	1881588							54351481	54786346	434865
Kerala					449336	428749							31325549	31582273	256724
Kolkata					745896	707942							21876639	20768727	-1107912
Madhya Pradesh									1398950	1471704			54764208	55289282	525074
Maharashtra			5806333	6072987									70483300	71391771	908471
Mumbai	1034318	1045172					2979460	2946614					30108116	30316164	208048
North East													9589014	9321465	-267549
Orissa													24661900	25161959	500059
Punjab											1955811	2022385	30363631	30623807	260176
Rajasthan					2316631	2252647							50981783	51558236	576453
Tamil Nadu (incl. Chennai)					1117198	1069983							74257212	74660985	403773
U.P.(E)			7846532	7964835									74582984	75396144	813160
U.P.(W)			5369705	5585433	293125	262251							47383069	47657092	274023
West Bengal					1805129	1735327							40978319	41182809	204490
Total	3591522	3495213	32780881	33916364	9807039	9450027	2979460	2946614	3969562	4233154	1955811	2022385	886297917	893314473	7016556
Net Addition		-96309		1135483		-357012		-32846		263592		66574		7016556	

Proportion of VLR on the date of Peak VLR in the month of Jan-14 (%)													Annexure-II	
Circle	Aircel	Bharti	BSNL	Quadrant	Idea*	Loop	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	57.03	97.79	67.60		100.83			95.29		71.74	70.63		91.76	87.58
Assam	85.73	98.05	81.05		93.01			82.11					96.04	90.40
Bihar	65.04	96.92	61.17		105.83			96.43		50.79	78.61		94.65	89.20
Delhi	62.11	83.02			101.94		49.00	97.48	48.54	61.23			95.58	84.73
Gujarat	44.94	98.33	61.98		103.56			95.19	77.14	68.17	71.96	55.97	95.53	89.66
Haryana	6.17	96.54	50.27		99.55			97.01		69.02		53.68	96.47	83.45
Himachal Pradesh	55.32	94.07	72.70		105.14			90.20		45.29			99.00	84.70
J & K	82.94	96.18	68.62		91.27			53.72					85.06	82.86
Karnataka	53.37	98.91	53.94		101.82			92.23	64.54	75.36			92.43	85.86
Kerala	107.69	98.18	64.84		101.74			93.96	61.53	72.48			94.26	87.31
Kolkata	73.15	97.24	87.81		99.08			96.88	95.19	70.37			95.76	89.53
Madhya Pradesh	7.05	96.57	58.71		105.02			86.58		73.00		60.35	89.98	90.11
Maharashtra	65.97	99.23	73.70		102.88			96.97		75.02	71.55		98.12	92.19
Mumbai	59.70	93.88			95.06	48.85	83.58	97.63		66.95			91.05	84.11
North East	75.20	96.46	66.84		90.28			75.06					88.88	82.99
Orissa	57.20	97.76	83.56		90.13			84.25		74.81			89.11	84.56
Punjab	50.18	96.01	53.60	54.72	99.35			97.07		62.83			95.16	83.61
Rajasthan	69.39	94.90	45.33		104.63			97.55	53.10	80.55			97.40	86.43
Tamil Nadu (incl. Chennai)	58.63	98.51	49.23		85.01			91.68	65.54	62.44			97.72	75.82
U.P. (E)	66.64	94.93	44.66		104.16			95.24		57.07	77.51		98.28	83.79
U.P. (W)	22.32	89.70	52.73		99.66			95.20	51.76	60.70	80.18		97.12	87.18
West Bengal	77.28	97.65	82.55		102.37			96.76	73.58	44.78			98.15	92.91
Total	64.53	96.16	59.36	54.72	101.79	48.85	59.34	93.56	64.05	67.53	75.31	56.74	95.70	86.49

*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																	Total	Net Add.	
	BSNL		MTNL		Bharti		Reliance		Tata		Quadrant		Sistema		Vodafone					
	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14	Dec-13	Jan-14				
Andhra Pradesh	1679727	1673529			126496	126021	87876	87591	166744	167305					6,870	7,350	2067713	2061796	-5917	
Assam	185797	185719							0	0					990	990	186787	186709	-78	
Bihar	363274	362103					5834	5842	11189	11193					390	390	380687	379528	-1159	
Delhi			1602073	1601560	1186998	1189809	184055	184165	100738	101619					15,840	16,320	3089704	3093473	3769	
Gujarat	1473942	1468465			56133	56626	95800	95412	73128	74153					1,110	1,440	1700113	1696096	-4017	
Haryana	462,718	458,947			16477	16568	5759	5770	26749	26848							511703	508133	-3570	
Himachal Pradesh	252,335	250,500					4856	4856	2448	2337							259639	257693	-1946	
J & K	189,215	188,524					0	0	0	0							189215	188524	-691	
Karnataka	1566297	1558985			493897	493447	117531	117890	154795	157777					5,040	5,040	2337560	2333139	-4421	
Kerala	2818490	2803946			49272	49315	51980	51719	11841	11964							2931583	2916944	-14639	
Kolkata	858171	856287			107463	104751	81744	81842	38984	39934					1470	1740	1087832	1084554	-3278	
Madhya Pradesh	826412	826910			226033	226412	24879	24553	17093	17433					150	180	1094567	1095488	921	
Maharashtra	1913174	1905299			69319	68387	98502	98156	249660	251288					3,630	3,690	2334285	2326820	-7465	
Mumbai			1937858	1936424	356733	357435	234398	234651	518645	519175					8,790	8,970	3056424	3056655	231	
North East	142,023	142,036							0	0					60	60	142083	142096	13	
Orissa	338976	339397					3784	3787	6954	7075					360	390	350074	350649	575	
Punjab	923595	908418			91883	91874	23735	23369	17382	17206	208344	210046			360	360	1265299	1251273	-14026	
Rajasthan	834746	823171			37007	37378	23629	23335	8381	8326			55850	56611	540	1,170	960153	949991	-10162	
Tamil Nadu (incl. Chennai)	2266474	2249621			465007	464776	147584	147229	76902	77555					3870	4110	2959837	2943291	-16546	
U.P.(E)	729687	721358			50791	51264	40807	40699	14205	14309					570	660	836060	828290	-7770	
U.P.(W)	601092	524480			21257	21224	6038	6044	8446	8618					270	270	637103	560636	-76467	
West Bengal	509748	506832					2315	2121	3764	3776					30	515827	512759	-3068		
Total	18935893	18754527	3539931	3537984	3354766	3355287	1241106	1239031	1508048	1517891	208344	210046	55850	56611	50310	53160	28894248	28724537	-169711	
Net Addition		-181366		-1947		521		-2075		9843		1702		761		2850		-169711		

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.
