

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 12th May, 2015

(www.trai.gov.in)

**Highlights of Telecom Subscription Data as on 31st March, 2015**

Particulars	Wireless	Wireline	Total (Wireless+ Wireline)
Total Telephone Subscribers (Million)	969.89	26.59	996.49
Net Addition in March, 2015 (Million)	9.31	-0.13	9.19
Monthly Growth Rate	0.97%	-0.48%	0.93%
Urban Telephone Subscribers (Million)	555.71	21.47	577.18
Net Addition in March, 2015 (Million)	-1.56	-0.01	-1.57
Monthly Growth Rate	-0.28%	-0.06%	-0.27%
Rural Telephone Subscribers (Million)	414.18	5.12	419.31
Net Addition in March, 2015 (Million)	10.88	-0.12	10.76
Monthly Growth Rate	2.70%	-2.22%	2.63%
Overall Tele-density*	77.27	2.12	79.38
Urban Tele-density*	143.08	5.53	148.61
Rural Tele-density*	47.78	0.59	48.37
Share of Urban Subscribers	57.30%	80.73%	57.92%
Share of Rural Subscribers	42.70%	19.27%	42.08%
Broadband Subscribers (Million)	83.68	15.52	99.20

❖ In the month of March, 2015, 3.84 million subscribers submitted their requests for Mobile Number Portability (MNP). With this, the cumulative MNP requests increased from 150.01 million at the end of February, 2015 to 153.85 million at the end of March, 2015.

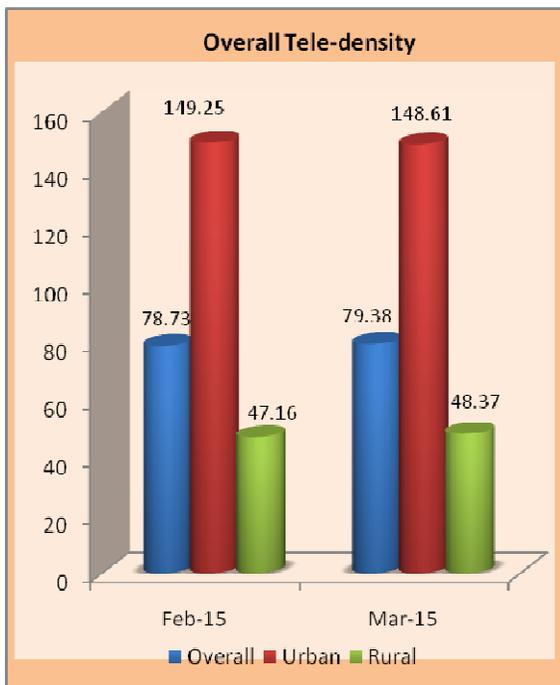
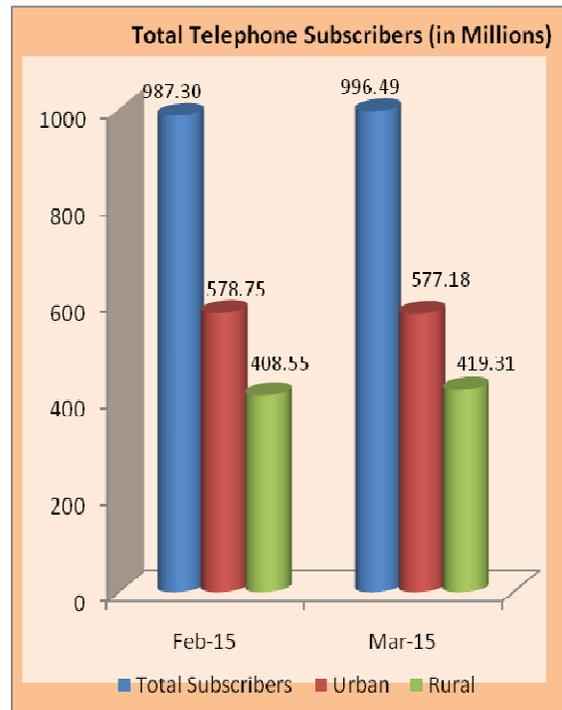
❖ Number of active wireless subscribers on the date of peak VLR[#] in March, 2015 was 862.63 million (88.94% of the total wireless subscriber base).

* 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.

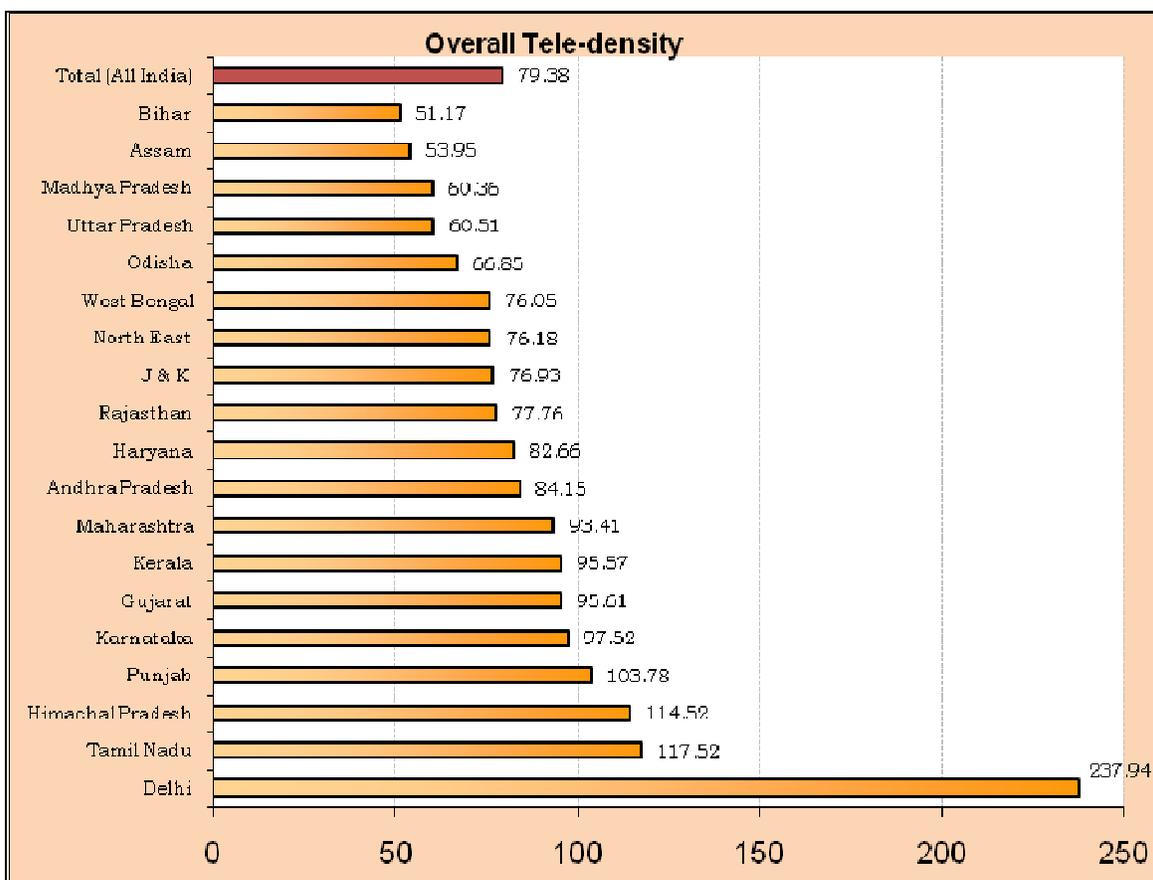
I. Total Telephone Subscribers

The number of telephone subscribers in India increased from 987.30 million at the end of Feb-15 to 996.49 million at the end of Mar-15, thereby showing a monthly growth rate of 0.93%. The urban subscription declined from 578.75 million at the end of Feb-15 to 577.18 million at the end of Mar-15, whereas the rural subscription increased from 408.55 million to 419.31 million during the same period. The monthly growth rates of urban and rural subscription were -0.27% and 2.63% respectively.



The overall Tele-density in India increased from 78.73 at the end of Feb-15 to 79.38 at the end of Mar-15. The Urban Tele-density declined from 149.25 to 148.61, whereas Rural Tele-density increased from 47.16 to 48.37 in the month of Mar-15. The shares of urban subscribers and rural subscribers at the end of Mar-15 were 57.92% and 42.08% respectively.

Overall Tele-density (Circle/State Wise) – As on 31st March, 2015

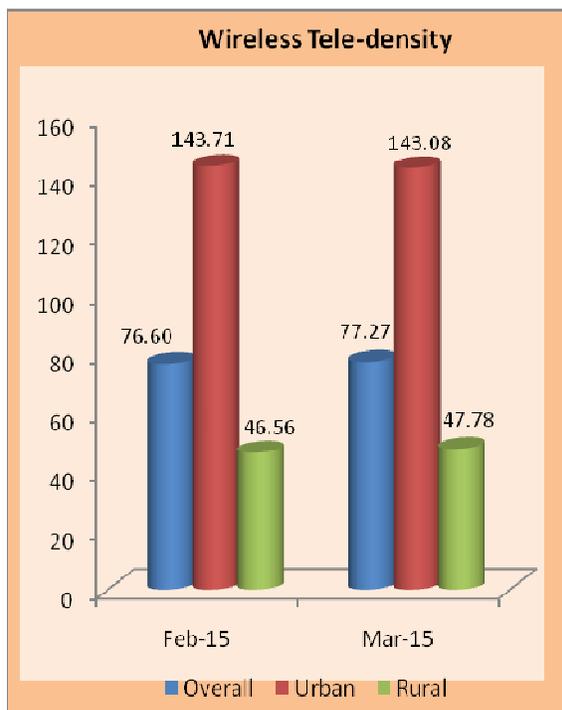
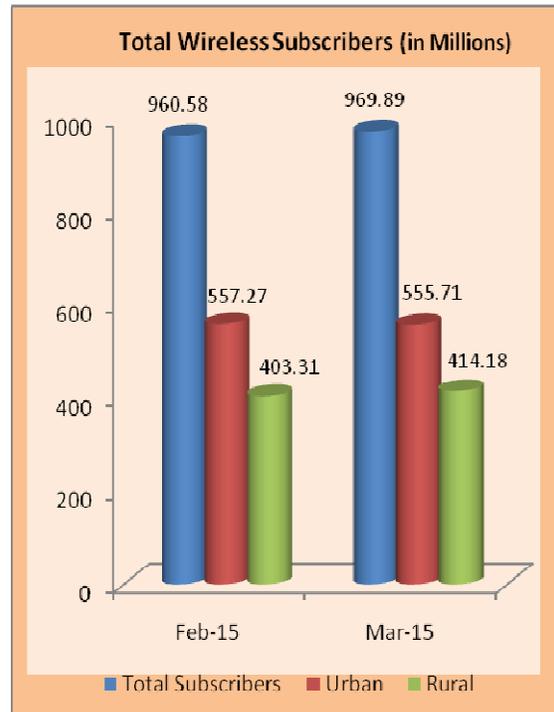


Notes:

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

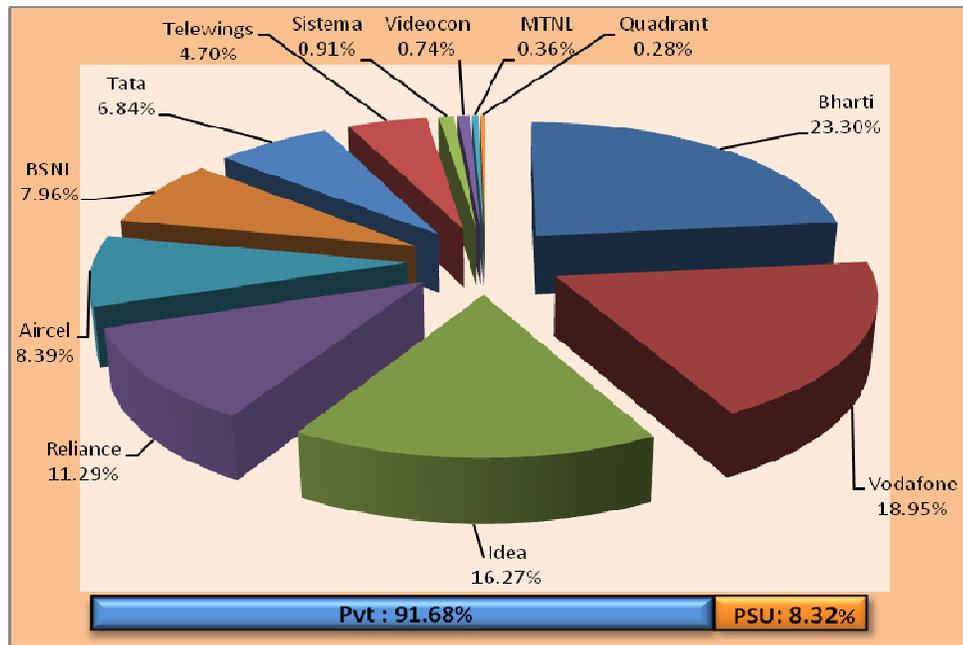
• Total wireless subscriber base increased from 960.58 million at the end of Feb-15 to 969.89 million at the end of Mar-15, thereby registering a monthly growth rate of 0.97%. The Wireless subscription in urban areas declined from 557.27 million at the end of Feb-15 to 555.71 million at the end of Mar-15, whereas wireless subscription in rural areas increased from 403.31 million to 414.18 million during the same period. The monthly growth rates of urban and rural wireless subscription were -0.28% and 2.70% respectively.



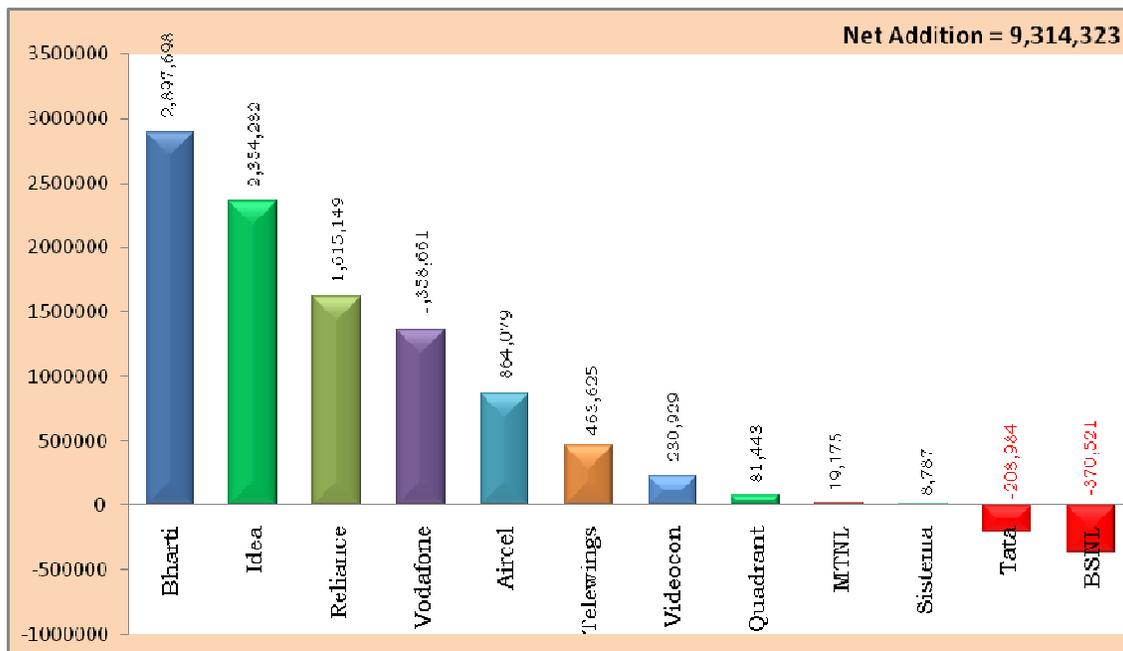
• The Wireless Tele-density in India increased from 76.60 at the end of Feb-15 to 77.27 at the end of Mar-15. The Urban Wireless Tele-density declined from 143.71 to 143.08, whereas Rural Wireless Tele-density increased from 46.56 to 47.78 in the month of Mar-15. The shares of urban and rural wireless subscribers were 57.30% and 42.70% respectively at the end of Mar-15. Detailed statistics of wireless subscriber base is available at **Annexure-I**.

- As on 31st March, 2015, the private access service providers held 91.68% market share of the wireless subscribers whereas BSNL and MTNL, the two PSUs access service providers, held only 8.32% market share. The graphical representations of access service provider-wise market shares and net additions in wireless subscriber bases are given below:

Access Service Provider-wise Market Shares in the Wireless Subscribers as on 31st March, 2015



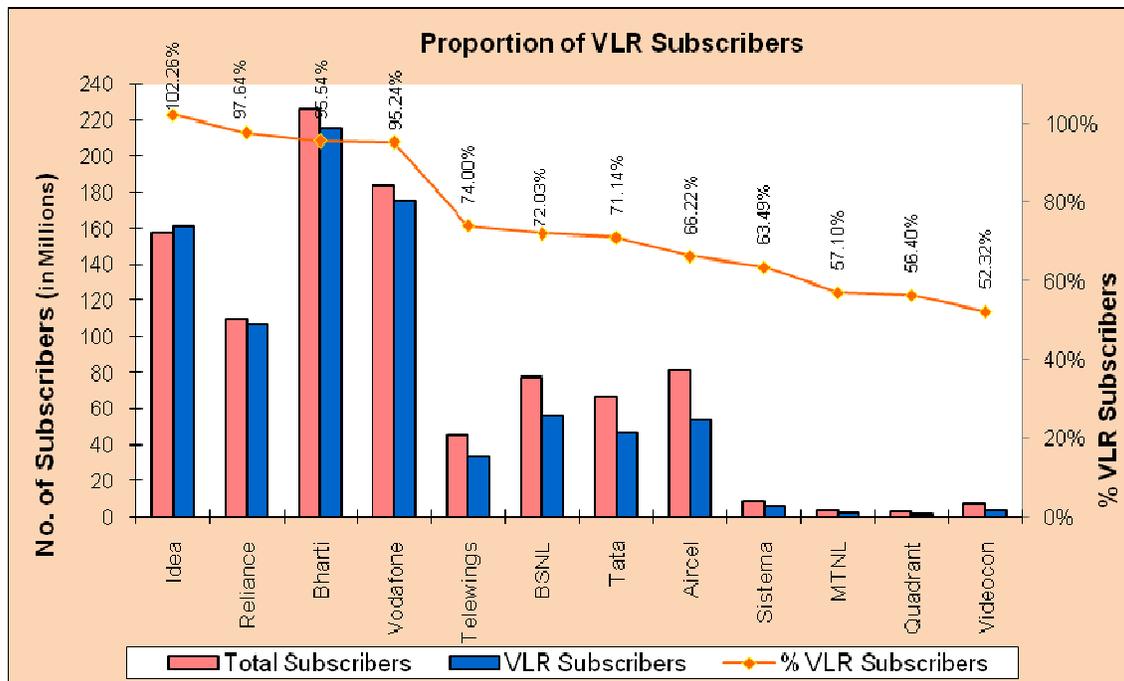
Net Additions in Wireless Subscriber Bases of Access Service Providers in the Month of March, 2015



III. Active Wireless Subscribers (VLR Data)

- Out of the total wireless subscriber base (969.89 million), 862.63 million wireless subscribers were active on the date of peak VLR in the month of Mar-15. The proportion of active wireless subscribers was approximately 88.94% 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 Mar-15 is available at **Annexure-II** and the methodology used for reporting VLR subscribers is available at **Annexure-IV**.

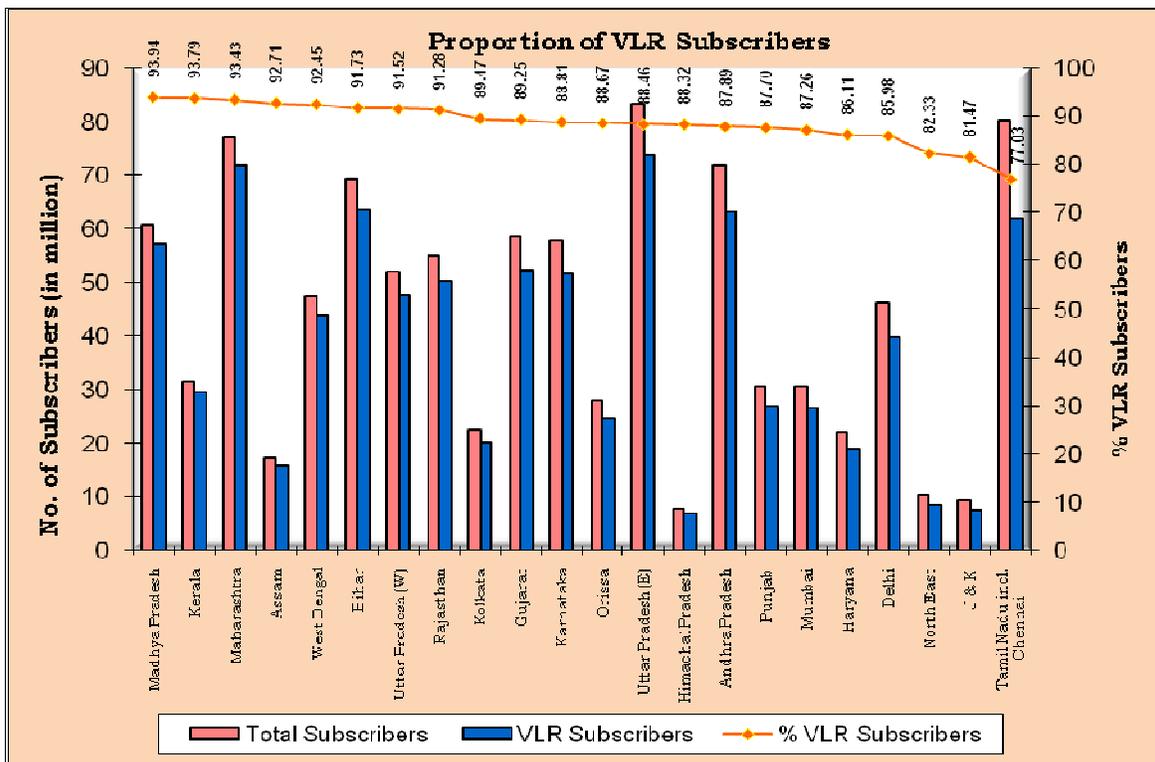
**Access Service Provider-wise Proportion of VLR Subscribers
In the Month of March, 2015**



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.

**Proportion of VLR Subscribers (Service Area-wise)
in the Month of March, 2015**

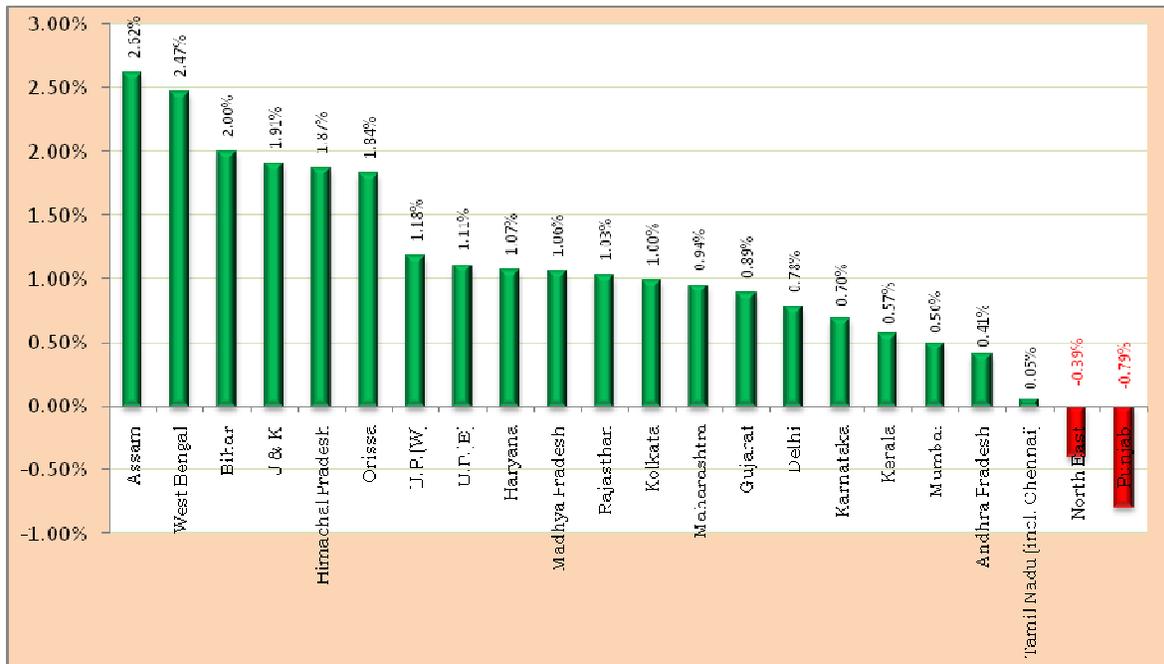


IV. Growth in Wireless Subscribers

**Monthly Growth Rate of Wireless Subscribers (Access Service Provider-wise)
in the Month of March, 2015**



Monthly Growth Rate of Wireless Subscribers (Service Area-wise) in the Month of March, 2015



- Assam service area recorded the highest growth rate in wireless subscribers during the month of Mar-15, whereas North East and Punjab service areas showed decline in subscriber base during the month.

V. Mobile Number Portability

- In the month of Mar-15, a total of 3.84 million subscribers submitted their requests for MNP. With this, the cumulative MNP requests increased from 150.01 million at the end of Feb-15 to 153.85 million at the end of Mar-15.
- In MNP Zone-I (Northern and Western India), the highest number of requests till date have been received in Rajasthan (about 14.66 million) followed by Gujarat (about 12.54 million). In MNP Zone-II (Southern and Eastern India), the highest number of requests till date have been received in Karnataka (about 17.67 million) followed by Andhra Pradesh (about 14.65 million).

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

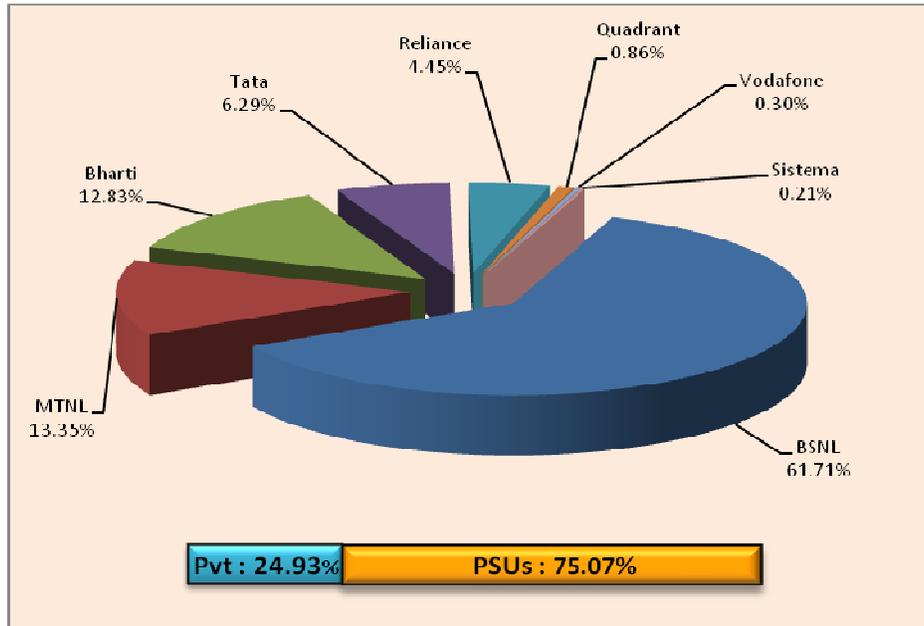
MNP Requests (Service Area-wise) at the end of March, 2015			
Zone - 1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	5998851	Andhra Pradesh	14647077
Gujarat	12540674	Assam	489915
Haryana	5615988	Bihar	3461119
Himachal Pradesh	523934	Karnataka	17668838
Jammu & Kashmir	35640	Kerala	5329524
Maharashtra	11772191	Kolkata	3558498
Mumbai	8476932	Madhya Pradesh	9504934
Punjab	5313934	North East	267666
Rajasthan	14659318	Orissa	3080418
Uttar Pradesh - East	7766018	Tamil Nadu	9430901
Uttar Pradesh - West	7686895	West Bengal	6016057
Total	80,390,375	Total	73,454,947
Total (Zone-1+Zone-2)			153,845,322
Net Addition (in March, 2015)			3,835,772

VI. Wireline Subscribers

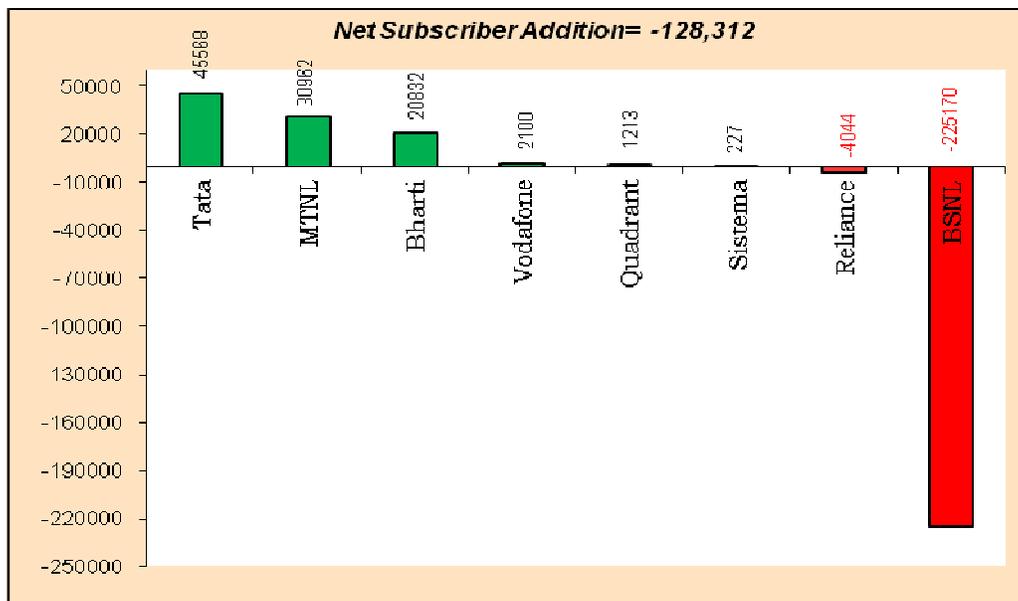
- Wireline subscriber base declined from 26.72 million at the end of Feb-15 to 26.59 million at the end of Mar-15. Net reduction in the wireline subscriber base was 0.13 million at the monthly decline rate of 0.48%. The share of urban and rural subscribers in total wireline subscribers were 80.73% and 19.27% respectively at the end of Mar-15.
- The Overall Wireline Tele-density declined from 2.13 in Feb-15 to 2.12 in Mar-15, with Urban Wireline Tele-density and Rural Wireline Tele-density being 5.53 and 0.59 respectively. BSNL and MTNL, the two PSU access service providers, held 75.07% 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 Mar-15 are given below:

Access Service Provider-wise Market Shares in the Wireline Subscribers as on 31st March, 2015



Net Additions/declines in Wireline Subscriber Bases of Access Service Providers in the Month of March, 2015



VII. Category-wise Growth

Circle Category-wise Net Additions in Telephone Subscribers

Circle Category	Net additions in the month of March, 2015		Telephone Subscriber base as on 31 st March, 2015	
	Wireline segment	Wireless segment	Wireline segment	Wireless segment
Circle A	-37585	1979012	10574741	345808070
Circle B	-98009	4030906	7480981	382854553
Circle C	-40781	2575125	1329766	141850136
Metro	48063	729280	7208856	99381036
All India	-128,312	9,314,323	26,594,344	969,893,795

Circle Category-wise Growth Rates in Telephone Subscribers

Circle Category	Monthly growth rate (%) (Feb-15 to Mar-15)		Yearly growth rate (%) (Mar-14 to Mar-15)	
	Wireline Segment	Wireless Segment	Wireline Segment	Wireless Segment
Circle A	-0.35	0.58	-6.21	6.80
Circle B	-1.29	1.06	-11.83	6.43
Circle C	-2.98	1.85	-10.96	12.17
Metro	0.67	0.74	-0.31	5.12
All India	-0.48	0.97	-6.64	7.23

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

- As can be seen in the above tables, in wireless segment, the Circles of Category-B showed the highest net addition and Circles in Category-C showed the highest monthly growth rate of subscriber base in the month of Mar-15.
- In Wireline segment, Circles of Category-B showed the highest net decline and Circles in Category-C showed the highest monthly decline rate of subscriber base in the month of Mar-15. Metro Circles showed the positive growth in wireline subscription.

VIII. Broadband (\geq 512 Kbps download)

- As per the reports received from the service providers, the number of broadband subscribers increased from 97.37 Million at the end of Feb-15 to 99.20 million at the end of Mar-15 with monthly growth rate of 1.88%. Segment-wise broadband subscribers and their monthly growth rates are as below:

Segment-wise Broadband Subscribers and Monthly Growth Rates

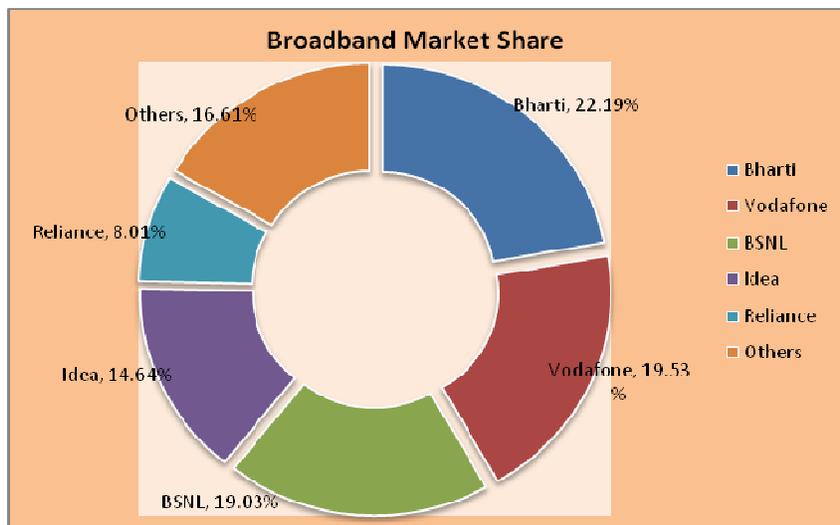
Segment	Broadband subscribers (in million)		Monthly growth rate (%)
	As on 28 th February, 2015	As on 31 st March, 2015	
Wired subscribers	15.45	15.52	0.43
Mobile devices users (Phones and dongles)	81.48	83.24	2.17
Fixed Wireless subscribers (Wi-Fi, Wi-Max, Point-to- Point Radio & VSAT)	0.44	0.44	1.03
Total	97.37	99.20	1.88

- Top five service providers constituted 83.39% market share of total broadband subscribers at the end of Mar-15. These service providers were Bharti Airtel (22.01 million), Vodafone (19.37 million), BSNL (18.88 million), Idea Cellular Ltd (14.52 million) and Reliance Communications Group (7.94 million).

Note : Some wireless service providers exclude incidental data users from their subscriber base, based on minimum usage decided by them.

- 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 March, 2015, the top five Wired Broadband Service providers were BSNL (9.96 million), Bharti Airtel (1.43 million), MTNL (1.14 million), Atria Convergence Technologies (0.67 million) and YOU Broadband (0.44 million).
- As on 31st March, 2015, the top five Wireless Broadband Service providers were Bharti Airtel (20.58 million), Vodafone (19.37 million), Idea Cellular (14.52 million), BSNL (8.92 million) and Reliance Communications Group (7.83 million).

Contact details in case of any clarification:

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Authorized to issue:

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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	
	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15
Andhra Pradesh	21555504	21842966	5051135	5119638	6987678	6978118	6284669	6233932	13960669	14101423	2570046	2608951
Assam	4893817	5128549	2276394	2325258	3145917	3181129			807436	850910	4321870	4403721
Bihar	24330608	24714613	8867813	9174307	8276937	8433417	2266081	2221297	8629647	9066959	5958492	6094617
Delhi	10891329	10899737	8229402	8492438	9539605	9554956	2820876	2805481	5977659	5937337	5020480	5139800
Gujarat	7939148	7944940	4711629	4894172	18619301	18667953	3142852	3017022	10904577	10985668	17063	17063
Haryana	2560297	2611603	1999235	2001571	5218886	5253738	2870793	2897544	4511837	4584025	3092	3092
Himachal Pradesh	2393165	2458510	1535883	1586365	599701	613744	100195	97612	686645	699145	963841	972926
J & K	2940603	2982638	753652	785096	1145263	1182293			501961	517110	2570361	2627512
Karnataka	18859497	19304525	5309626	5434857	7428603	7259023	6988496	7096089	7852851	7894841	2798322	2791121
Kerala	3975493	3983764	1822347	1876431	7172700	7190844	1741032	1756322	9590405	9632422	918	918
Kolkata	4094781	4130404	3600713	3701059	4822322	4840214	2894806	2900282	1786649	1834667	3709475	3729840
Madhya Pradesh	11376773	11486501	12501559	12474300	6241959	6371114	4768482	4778068	19243954	19398138	21194	21194
Maharashtra	11438077	11620724	4972423	5044316	17237167	17437924	6687394	6709784	21552347	21782129	1839737	1890585
Mumbai	5100109	5124883	5771827	5859486	8424019	8430533	3659442	3603044	3996882	4014057	2382245	2438486
North East	3424496	3486004	844693	852675	1295491	1293776			454545	462511	2890685	2888063
Orissa	8982211	9116568	3968926	4111033	3503783	3472928	2393141	2410926	1344821	1353050	3956469	3973664
Punjab	7661919	7765591	2702240	2308000	4918649	4937645	2660212	2653254	6185578	6210132	992001	994838
Rajasthan	17348187	17609404	6430115	6504320	10995603	11115888	1814543	1784975	6821414	6943659	5640733	5726408
Tamil Nadu (incl. Chennai)	15762429	15868214	6305082	6403467	14146378	14241929	6077000	6048314	4309855	4453972	23709423	23736374
U.P.(E)	18437746	18480116	8151113	8231822	17360200	17584787	4663909	4690939	9311120	9683219	6194273	6312225
U.P.(W)	7236383	7297186	5321900	5410675	10567466	10716829	3888267	3845416	12837847	13064094	205634	228459
West Bengal	11917143	12159973	6729619	6881189	14796724	15044231	802801	765706	4184687	4338200	4765280	4795856
Total	223119715	226017413	107857326	109472475	182444352	183803013	66524991	66316007	155453386	157807668	80531634	81395713
Net Addition		2897698		1615149		1358661		-208984		2354282		864079

Wireless Subscriber Base

**Annexure-I
Page 2 of 2**

Circle	Group														Net Addition
	BSNL		MTNL		Telewings		Sistema		Videocon		Quadrant		Total		
	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	
Andhra Pradesh	9705047	9603423			5537484	5459948							71652232	71948399	296167
Assam	1266855	1261324											16712289	17150891	438602
Bihar	2842561	2780838			6740409	6778472			982	6113			67913530	69270633	1357103
Delhi			2333177	2336928			1007196	1008236					45819724	46174913	355189
Gujarat	3135770	3128952			7079713	7357556	201202	211479	2295677	2339057			58046932	58563862	516930
Haryana	2714954	2735565							1893103	1918899			21772197	22006037	233840
Himachal Pradesh	1432769	1427785											7712199	7856087	143888
J & K	1226528	1218101											9138368	9312750	174382
Karnataka	6823270	6689741					1572818	1565259					57633483	58035456	401973
Kerala	6528945	6567961					395313	397418					31227153	31406080	178927
Kolkata	790878	783321					638492	641031					22338116	22560818	222702
Madhya Pradesh	3221575	3340428							2709402	2850999			60084898	60720742	635844
Maharashtra	5162685	5106905			7332138	7349644							76221968	76942011	720043
Mumbai			1159392	1174816									30493916	30645305	151389
North East	1521558	1407319											10431468	10390348	-41120
Orissa	3217806	3431258											27367157	27869427	502270
Punjab	3104053	3028873									2648712	2730155	30873364	30628488	-244876
Rajasthan	3378309	3301599					2213237	2219579					54642141	55205832	563691
Tamil Nadu (incl. Chennai)	9061097	8661768					903179	904304					80274443	80318342	43899
U.P.(E)	7696826	7688314			10668985	10717946			1896	9506			82486068	83398874	912806
U.P.(W)	3369861	3303879			7795403	7954191	192017	193990	1769	9184			51416547	52023903	607356
West Bengal	1392829	1756301					1732196	1723141					46321279	47464597	1143318
Total	77594176	77223655	3492569	3511744	45154132	45617757	8855650	8864437	6902829	7133758	2648712	2730155	960579472	969893795	9314323
Net Addition		-370521		19175		463625		8787		230929		81443		9314323	

Proportion of VLR on the date of Peak VLR in the month of Mar-15 (%)

Annexure-I

Circle	Aircel	Bharti	BSNL	Quadrant	Idea	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	60.66	97.46	63.45		102.98		97.75		76.00	72.32		86.87	87.89
Assam	83.91	99.31	89.17		95.18		92.92					94.83	92.71
Bihar	76.68	96.64	71.28		99.83		98.85		57.54	76.88	64.81	99.52	91.73
Delhi	66.07	86.99			92.26	48.02	97.85	50.06	56.35			102.88	85.98
Gujarat	55.15	94.43	82.04		105.74		98.89	38.82	67.98	66.90	48.95	93.91	89.25
Haryana	8.93	95.36	58.37		100.92		98.08		75.49		53.02	96.47	86.11
Himachal Pradesh	57.27	95.81	79.64		108.20		95.58		35.34			94.73	88.32
J & K	78.23	95.73	73.09		96.44		60.79					68.51	81.47
Karnataka	60.60	97.04	64.89		103.51		98.90	65.92	78.88			90.95	88.81
Kerala	1229.19	95.93	85.10		104.98		95.63	61.75	75.16			91.26	93.79
Kolkata	74.42	95.97	88.45		83.94		98.88	93.51	76.89			97.57	89.47
Madhya Pradesh	2.07	95.08	88.46		107.10		96.85		75.97		54.51	80.42	93.94
Maharashtra	64.39	96.43	87.01		103.74		97.79		73.76	74.45		97.88	93.43
Mumbai	62.85	95.29			91.73	75.16	98.76		74.21			86.59	87.26
North East	68.08	95.75	70.05		88.16		86.58					86.50	82.33
Orissa	64.75	96.27	85.20		100.11		98.95		70.33			95.59	88.67
Punjab	50.60	95.77	78.72	56.40	103.30		99.08		65.46			92.28	87.70
Rajasthan	64.07	95.69	78.45		103.96		98.23	61.67	96.87			95.13	91.28
Tamil Nadu (incl. Chennai)	58.25	95.35	56.75		82.94		95.42	56.84	64.22			96.85	77.03
U.P. (E)	70.65	93.88	61.17		104.61		98.95		64.01	76.43	54.06	101.15	88.46
U.P. (W)	76.47	95.41	72.64		102.24		99.07	58.91	67.05	75.58	76.46	99.34	91.52
West Bengal	73.61	95.58	74.57		105.23		99.06	67.73	37.00			96.96	92.45
Total	66.22	95.54	72.03	56.40	102.26	57.10	97.64	63.49	71.14	74.00	52.32	95.24	88.94

Note: Peak VLR figures in some circles of M/s Idea Cellular Ltd., M/s Aircel 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																Total		Net Addition
	BSNL		MTNL		Bharti		Reliance		Tata		Quadrant		Sistema		Vodafone		Feb-15	Mar-15	
	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15	Feb-15	Mar-15					
Andhra Pradesh	1518351	1496743			119251	119680	81062	80426	160895	162778					8,850	9,060	1888409	1868687	-19722
Assam	173305	165994													1,410	1,440	174715	167434	-7281
Bihar	353854	339466					6,102	6,104	12603	12790					810	930	373369	359290	-14079
Delhi			1606789	1609278	1196941	1197312	181202	180433	122222	133429					20,610	20,910	3127764	3141362	13598
Gujarat	1331224	1322712			61383	61720	81579	81413	81194	84098					2,280	2,460	1557660	1552403	-5257
Haryana	362,058	350,362			16649	16699	4869	4870	33302	34210					90	90	416968	406231	-10737
Himachal Pradesh	214,707	200,513					4847	4847	2931	2752					90	90	222575	208202	-14373
J & K	153,067	149,349															153067	149349	-3718
Karnataka	1409755	1402178			536566	544460	130178	130383	179210	194141					6,480	6,780	2262189	2277942	15753
Kerala	2522983	2484458			49531	49996	36866	36642	15229	15644					660	660	2625269	2587400	-37869
Kolkata	772438	765066			107672	108186	80580	80187	45840	47264					3240	3270	1009770	1003973	-5797
Madhya Pradesh	829404	830015			230879	232074	22835	22672	19159	20511					270	270	1102547	1105542	2995
Maharashtra	1697108	1681804			67655	67858	81700	81691	272285	275597					9,480	9,570	2128228	2116520	-11708
Mumbai			1913920	1942393	333385	340915	237374	237408	526580	530115					12,000	12,690	3023259	3063521	40262
North East	127,870	127,144													120	120	127990	127264	-726
Orissa	307322	306675					2952	2937	7897	7925					660	690	318831	318227	-604
Punjab	776888	761884			92614	92715	20765	20494	16569	17167	226254	227467			510	510	1133600	1120237	-13363
Rajasthan	704877	690273			40455	40948	23225	22964	9470	9976			56892	57119	1,740	1,740	836659	823020	-13639
Tamil Nadu (incl. Chennai)	2072383	2053191			461052	462008	143286	142286	92399	94894					6720	6810	2775840	2759189	-16651
U.P.(E)	412190	402886			56049	56315	38743	38496	15825	15802					1,050	1,050	523857	514549	-9308
U.P.(W)	457591	446032			20207	20235	6169	6052	9918	9914					360	390	494245	482623	-11622
West Bengal	440235	435695					1887	1872	3693	3782					30	30	445845	441379	-4466
Total	16637610	16412440	3520709	3551671	3390289	3411121	1186221	1182177	1627221	1627289	226254	227467	56892	57119	77460	79560	26722656	26594344	-128312
Net Addition		-225170		30962		20832		-4044		45568		1213		227		2100		-128312	

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.