

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 1st September, 2015

(www.trai.gov.in)

**Highlights of Telecom Subscription Data as on 30th June, 2015**

Particulars	Wireless	Wireline	Total (Wireless+ Wireline)
Total Telephone Subscribers (Million)	980.81	26.15	1006.96
Net Addition in June, 2015 (Million)	5.02	-0.12	4.91
Monthly Growth Rate	0.51%	-0.44%	0.49%
Urban Telephone Subscribers (Million)	562.95	21.25	584.21
Net Addition in June, 2015 (Million)	4.12	-0.07	4.05
Monthly Growth Rate	0.74%	-0.32%	0.70%
Rural Telephone Subscribers (Million)	417.85	4.90	422.75
Net Addition in June, 2015 (Million)	0.90	-0.05	0.85
Monthly Growth Rate	0.22%	-0.97%	0.20%
Overall Tele-density*	77.90	2.08	79.98
Urban Tele-density*	144.25	5.45	149.70
Rural Tele-density*	48.10	0.56	48.66
Share of Urban Subscribers	57.40%	81.27%	58.02%
Share of Rural Subscribers	42.60%	18.73%	41.98%
Broadband Subscribers (Million)	93.15	15.70	108.85

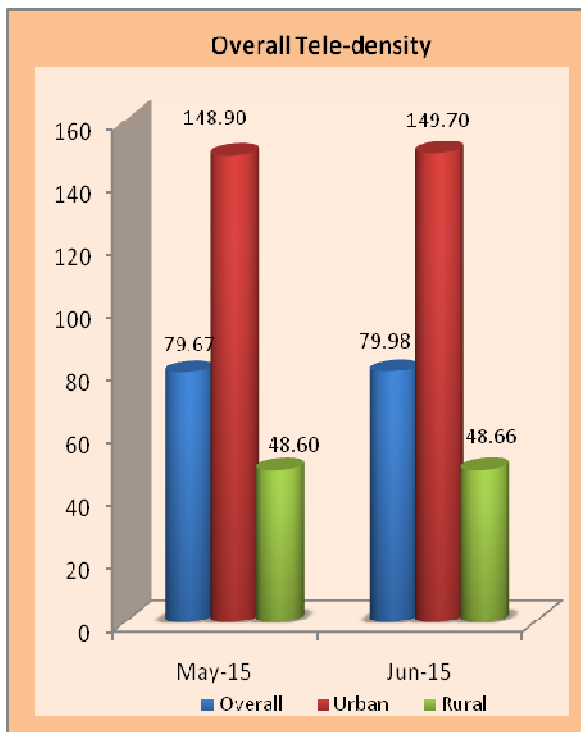
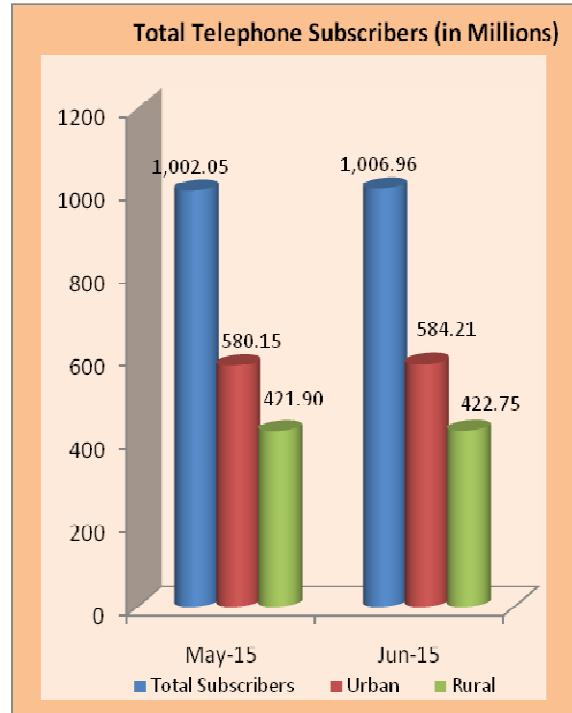
- ❖ In the month of June, 2015, 3.68 million subscribers submitted their requests for Mobile Number Portability (MNP). With this, the cumulative MNP requests increased from 160.25 million at the end of May, 2015 to 163.93 million at the end of June, 2015.
- ❖ Number of active wireless subscribers (on the date of peak VLR#) in June, 2015 was 881.09 million.

Note:

- Information in this Press Release is based on the data provided by the Service Providers
- * 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. The dates of peak VLR for various TSPs are different in different service areas.

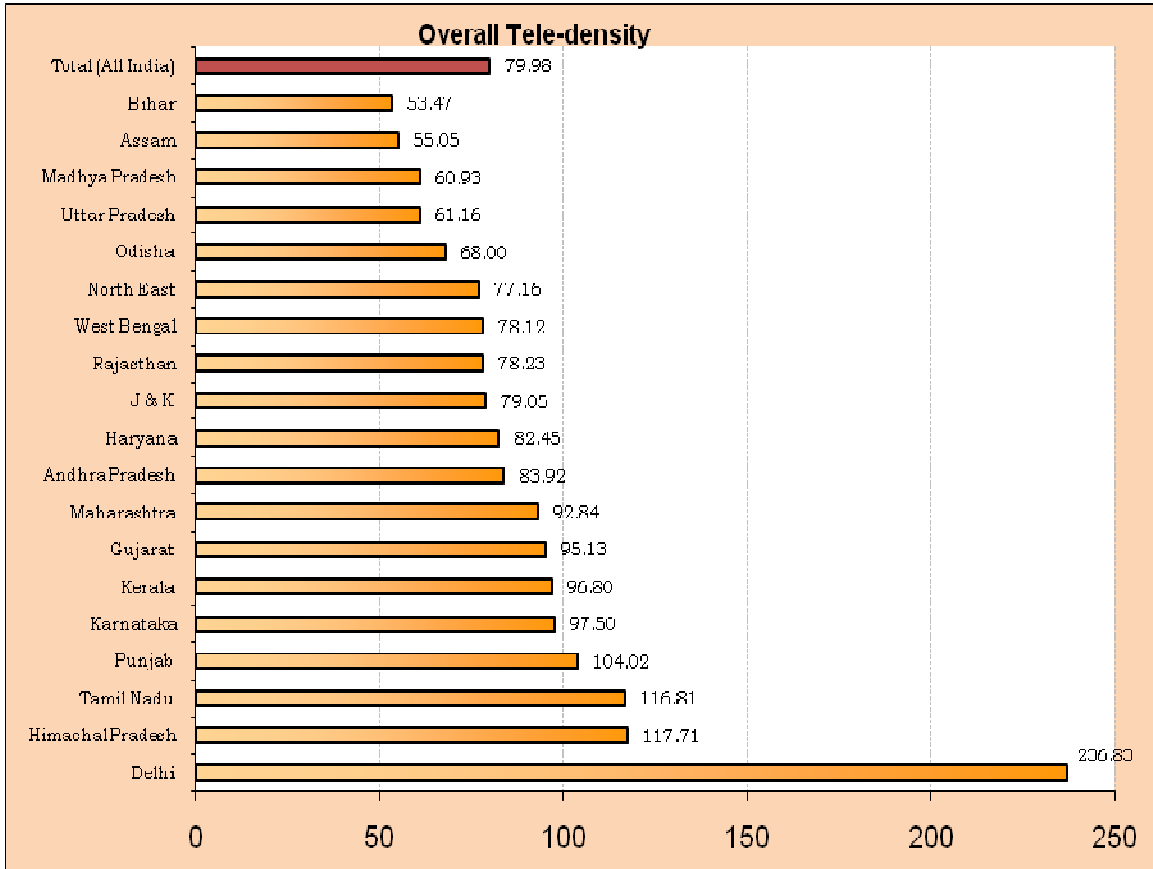
I. Total Telephone Subscribers

The number of telephone subscribers in India increased from 1,002.05 million at the end of May-15 to 1,006.96 million at the end of Jun-15, thereby showing a monthly growth rate of 0.49%. The urban subscription increased from 580.15 million at the end of May-15 to 584.21 million at the end of Jun-15, and the rural subscription also increased from 421.90 million to 422.75 million during the same period. The monthly growth rates of urban and rural subscription were 0.70% and 0.20% respectively.



The overall Tele-density in India increased from 79.67 at the end of May-15 to 79.98 at the end of Jun-15. The Urban Tele-density increased from 148.90 to 149.70, and Rural Tele-density increased from 48.60 at the end of May-15 to 48.66 at the end of Jun-15. The shares of urban subscribers and rural subscribers at the end of Jun-15 were 58.02% and 41.98% respectively.

Overall Tele-density (Circle/State Wise) – As on 30th June, 2015

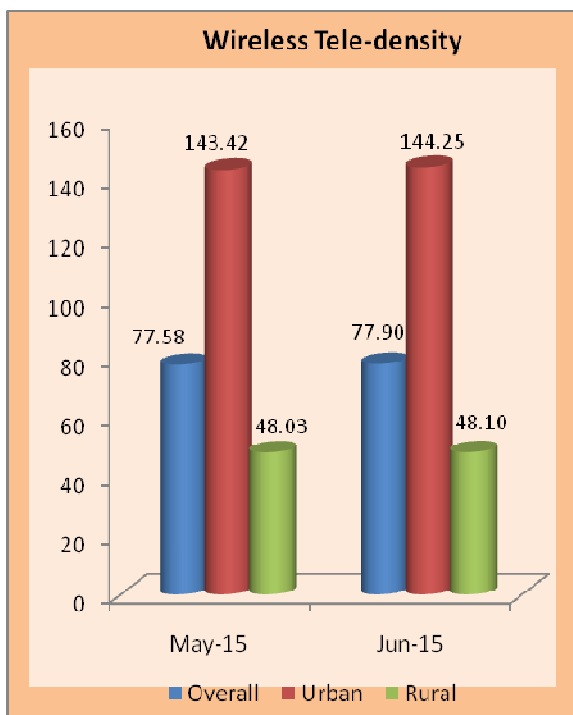
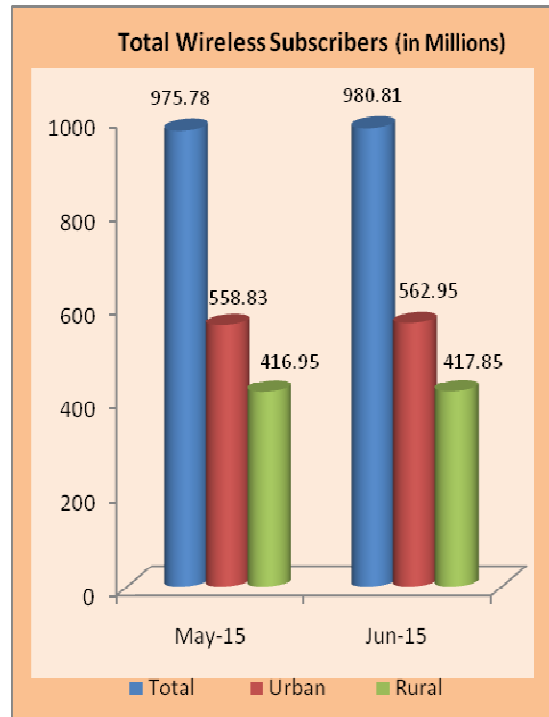


Notes:

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

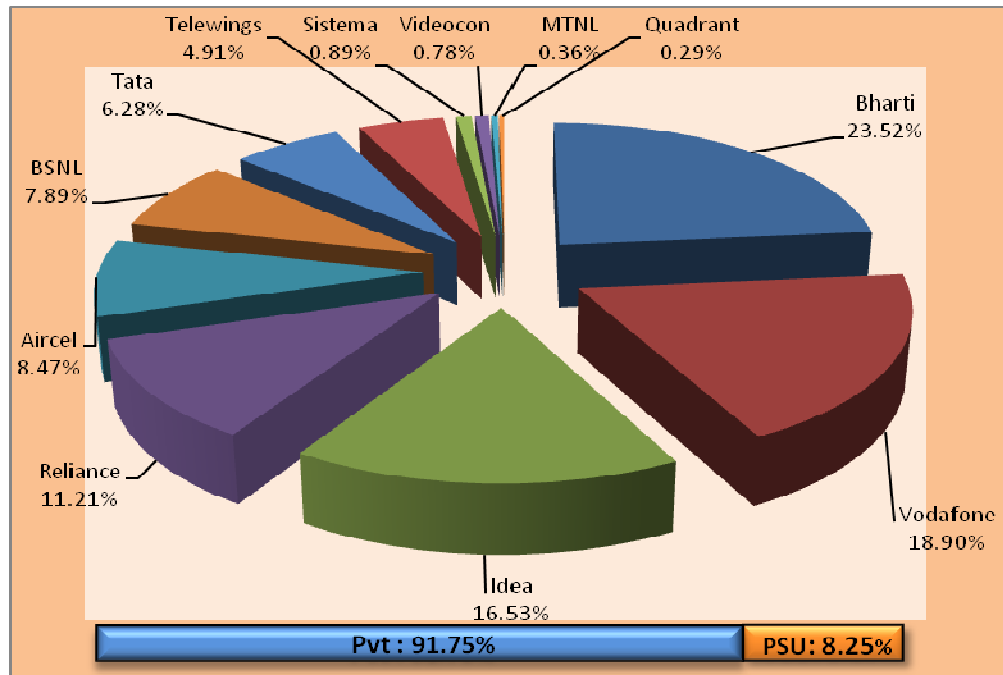
- Total wireless subscriber base increased from 975.78 million at the end of May-15 to 980.81 million at the end of Jun-15, thereby registering a monthly growth rate of 0.51%. The Wireless subscription in urban areas increased from 558.83 million at the end of May-15 to 562.95 million at the end of Jun-15 and wireless subscription in rural areas increased from 416.95 million to 417.85 million during the same period. The monthly growth rates of urban and rural wireless subscription were 0.74% and 0.22% respectively.



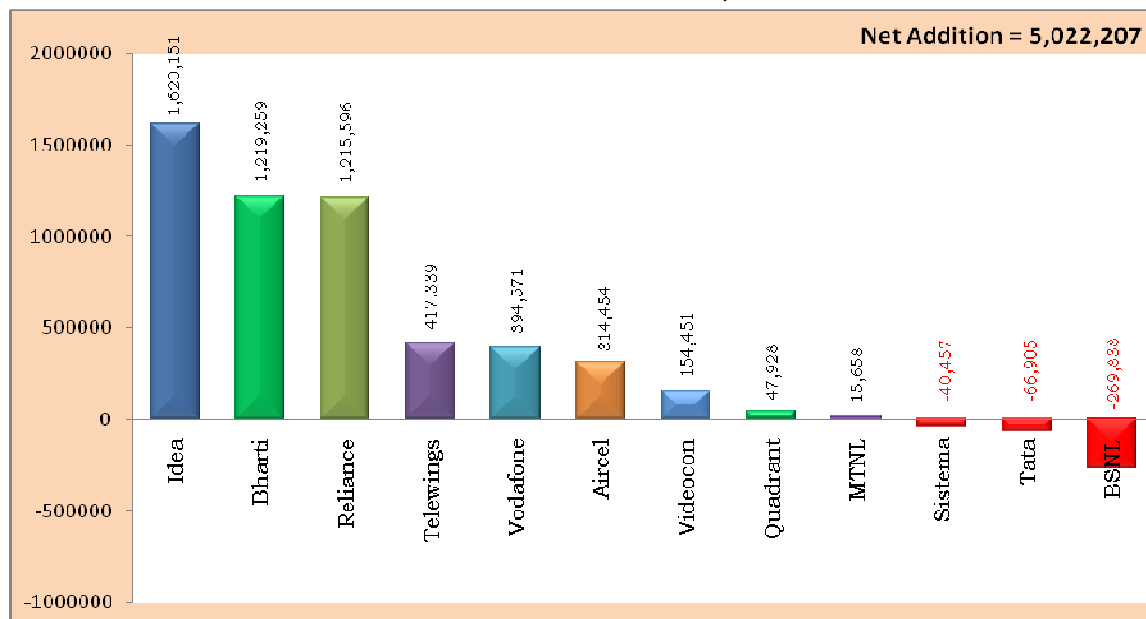
- The Wireless Tele-density in India increased from 77.58 at the end of May-15 to 77.90 at the end of Jun-15. The Urban Wireless Tele-density increased from 143.42 to 144.25, and Rural Wireless Tele-density increased from 48.03 to 48.10 in the month of Jun-15. The shares of urban and rural wireless subscribers were 57.40% and 42.60% respectively at the end of Jun-15. Detailed statistics of wireless subscriber base is available at **Annexure-I**.

- As on 30th June, 2015, the private access service providers held 91.75% market share of the wireless subscribers whereas BSNL and MTNL, the two PSUs access service providers, held only 8.25% 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 30th June, 2015



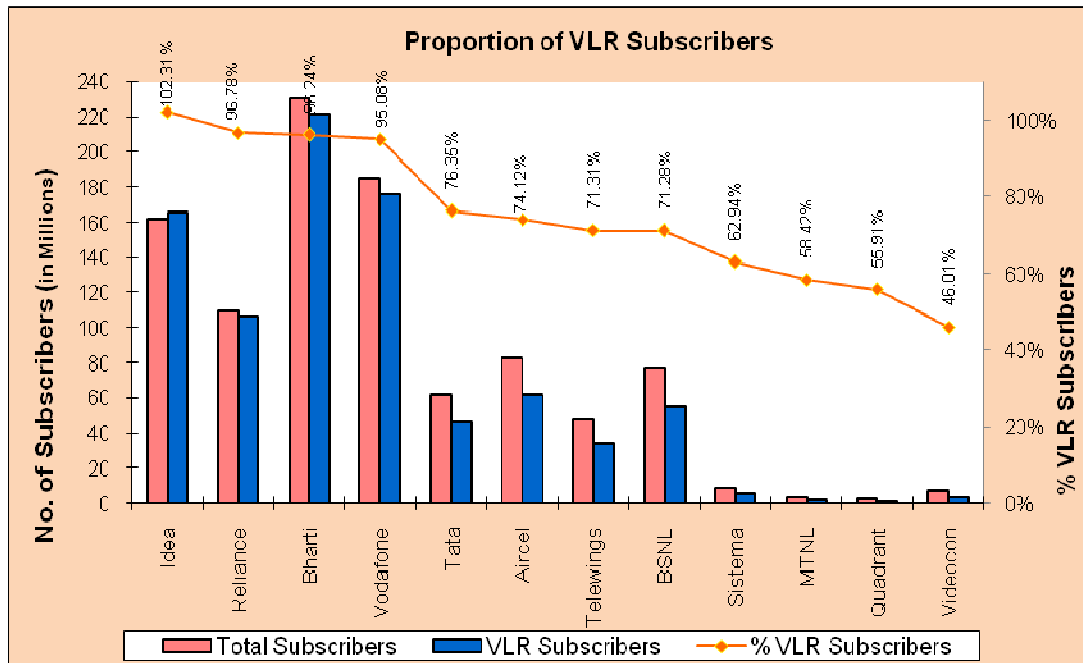
Net Additions in Wireless Subscriber Bases of Access Service Providers in the Month of June, 2015



III. Active Wireless Subscribers (VLR Data)

- Out of the total wireless subscriber base (980.81 million), 881.09 million wireless subscribers were active on the date of peak VLR in the month of Jun-15. The proportion of active wireless subscribers was approximately 89.83% 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 Jun-15 is available at **Annexure-II** and the methodology used for reporting VLR subscribers is available at **Annexure-IV**.

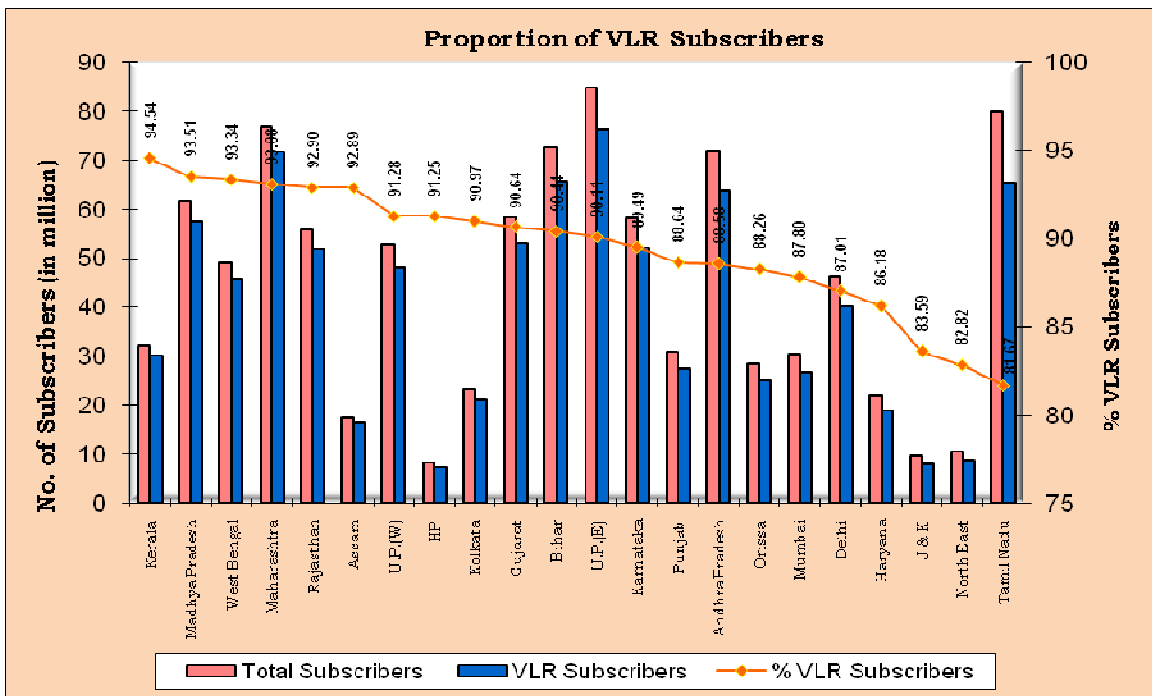
**Access Service Provider-wise Proportion of VLR Subscribers
In the Month of June, 2015**



Note-

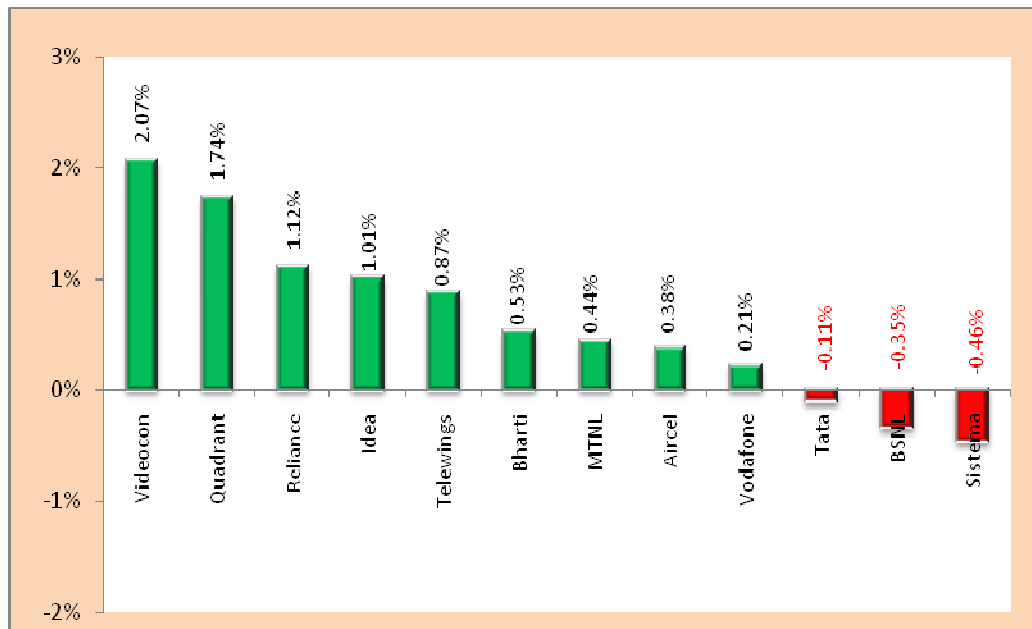
1. Number of VLR subscribers of Idea Cellular was more than its subscriber base due to a large number of inroamers in its network.

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

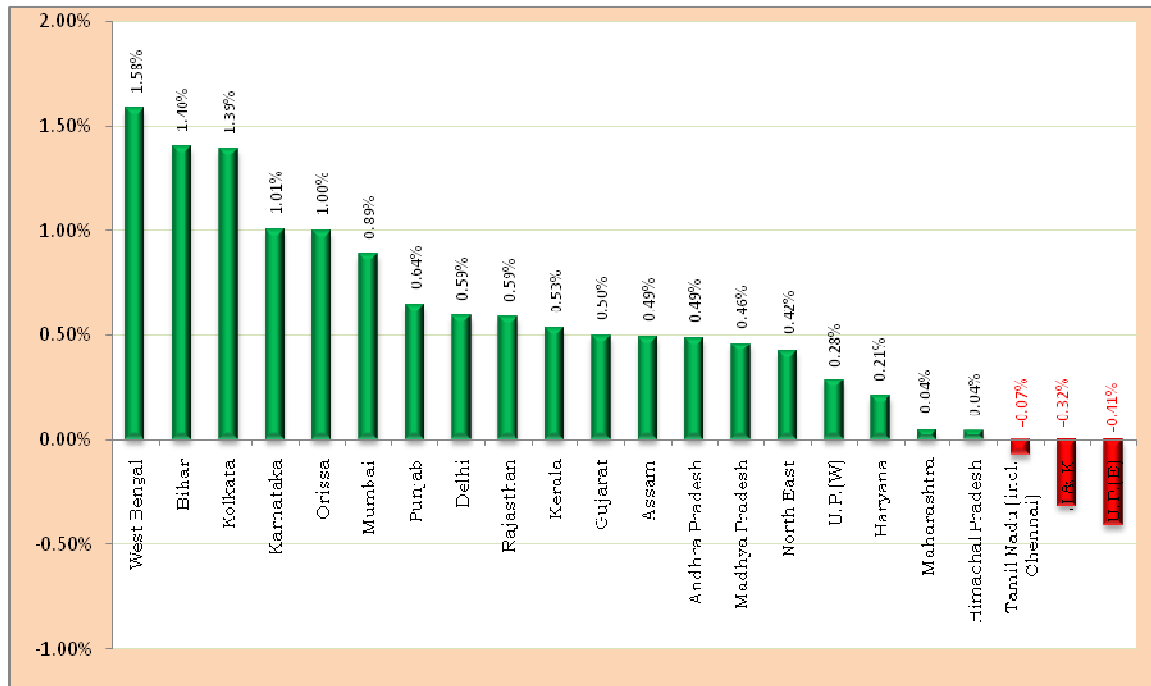


IV. Growth in Wireless Subscribers

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



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



- West Bengal service area recorded the highest growth rate in wireless subscribers during the month of Jun-15, whereas U.P.(E), J&K and Tamilnadu (including Chennai) service areas showed decline in subscriber base during the month.

V. Mobile Number Portability

- In the month of Jun-15, a total of 3.68 million subscribers submitted their requests for MNP. With this, the cumulative MNP requests increased from 160.25 million at the end of May-15 to 163.93 million at the end of Jun-15.
- In MNP Zone-I (Northern and Western India), the highest number of requests till date have been received in Rajasthan (about 15.37 million) followed by Gujarat (about 13.18 million). In MNP Zone-II (Southern and Eastern India), the highest number of requests till date have been received in Karnataka (about 19.15 million) followed by Andhra Pradesh (about 15.61 million).

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

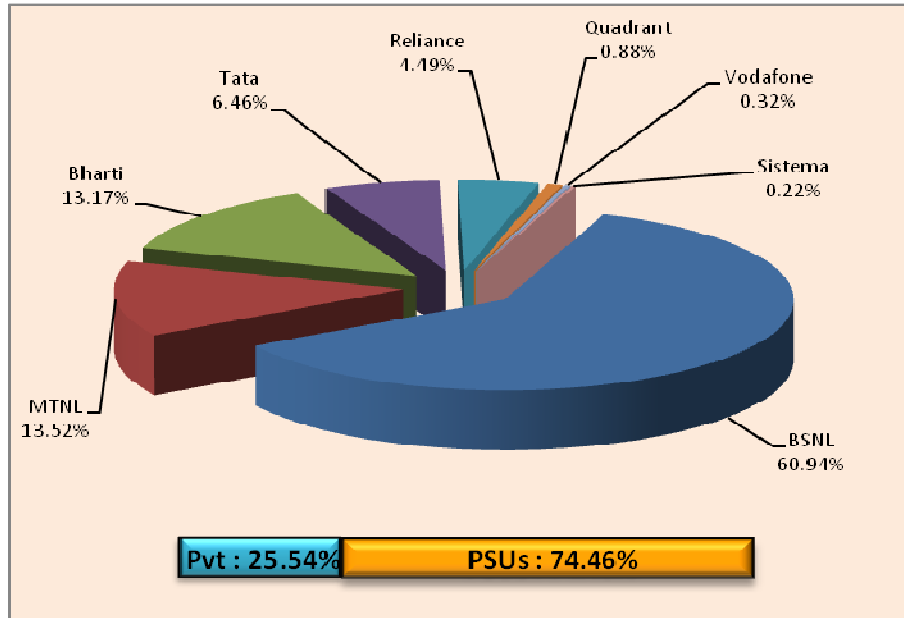
MNP Requests (Service Area-wise) at the end of June, 2015			
Zone - 1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	6448734	Andhra Pradesh	15609828
Gujarat	13175617	Assam	517827
Haryana	5981368	Bihar	3803528
Himachal Pradesh	560793	Karnataka	19145930
Jammu & Kashmir	39184	Kerala	5544025
Maharashtra	12460943	Kolkata	3809946
Mumbai	9049872	Madhya Pradesh	10232825
Punjab	5699817	North East	289544
Rajasthan	15374603	Orissa	3239048
Uttar Pradesh - East	8099701	Tamil Nadu	10153342
Uttar Pradesh - West	8089764	West Bengal	6605967
Total	84,980,396	Total	78,951,810
Total (Zone-1+Zone-2)			163,932,206
Net Addition (in June, 2015)			3,678,206

VI. Wireline Subscribers

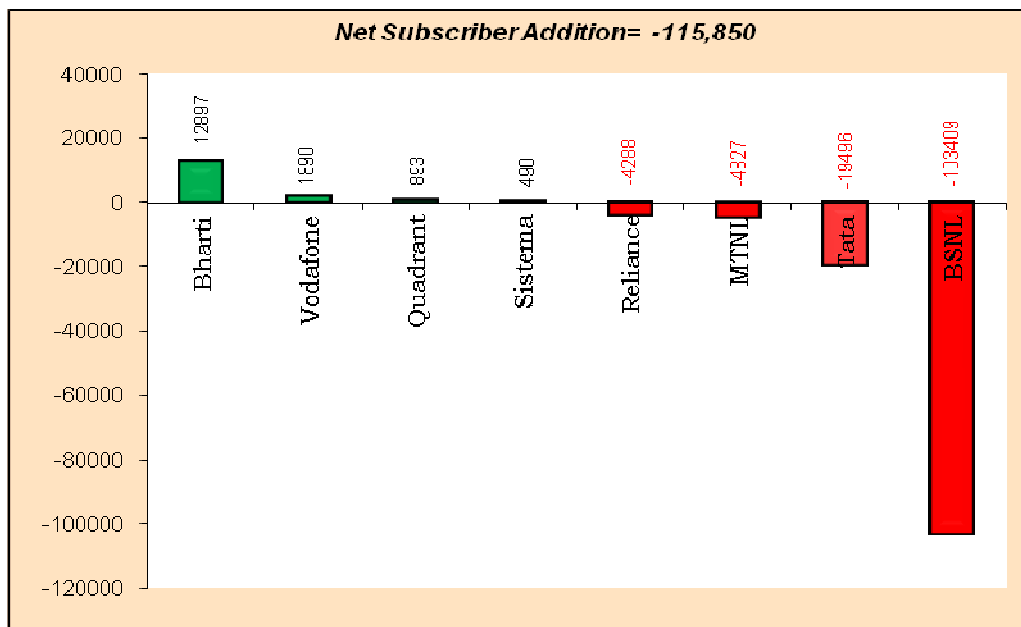
- Wireline subscriber base declined from 26.27 million at the end of May-15 to 26.15 million at the end of Jun-15. Net reduction in the wireline subscriber base was 0.12 million at the monthly decline rate of 0.44%. The share of urban and rural subscribers in total wireline subscribers were 81.27% and 18.73% respectively at the end of Jun-15.
- The Overall Wireline Tele-density declined from 2.09 in May-15 to 2.08 in Jun-15, with Urban Wireline Tele-density and Rural Wireline Tele-density being 5.45 and 0.56 respectively. BSNL and MTNL, the two PSU access service providers, held 74.46% 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 Jun-15 are given below:

Access Service Provider-wise Market Shares in the Wireline Subscribers as on 30th June, 2015



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



VII. Category-wise Growth

Circle Category-wise Net Additions in Telephone Subscribers

Circle Category	Net additions in the month of June, 2015		Telephone Subscriber base as on 30 th June, 2015	
	Wireline segment	Wireless segment	Wireline segment	Wireless segment
Circle A	-35520	1195390	10395366	345452153
Circle B	-51901	1580726	7285310	388642024
Circle C	-4161	1387851	1288918	146873007
Metro	-24268	858240	7182157	99838058
All India	-115,850	5,022,207	26,151,751	980,805,242

Circle Category-wise Growth Rates in Telephone Subscribers

Circle Category	Monthly growth rate (%) (May-15 to Jun-15)		Yearly growth rate (%) (Jun-14 to Jun-15)	
	Wireline Segment	Wireless Segment	Wireline Segment	Wireless Segment
Circle A	-0.34	0.35	-6.02	5.93
Circle B	-0.71	0.41	-12.09	6.89
Circle C	-0.32	0.95	-12.07	13.45
Metro	-0.34	0.87	-0.41	4.27
All India	-0.44	0.51	-6.69	7.20

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 maximum net addition and Circles in Category-C showed the maximum growth rate in the month Jun-15.
- In Wireline segment, Circles of Category-B showed the highest net decline and the highest monthly decline rate of subscriber base in the month of Jun-15.

VIII. Broadband (\geq 512 Kbps download)

- As per the reports received from the service providers, the number of broadband subscribers increased from 104.96 Million at the end of May-15 to 108.85 million at the end of Jun-15 with monthly growth rate of 3.71%. Segment-wise broadband subscribers and their monthly growth rates are as below:

Segment-wise Broadband Subscribers and Monthly Growth Rates

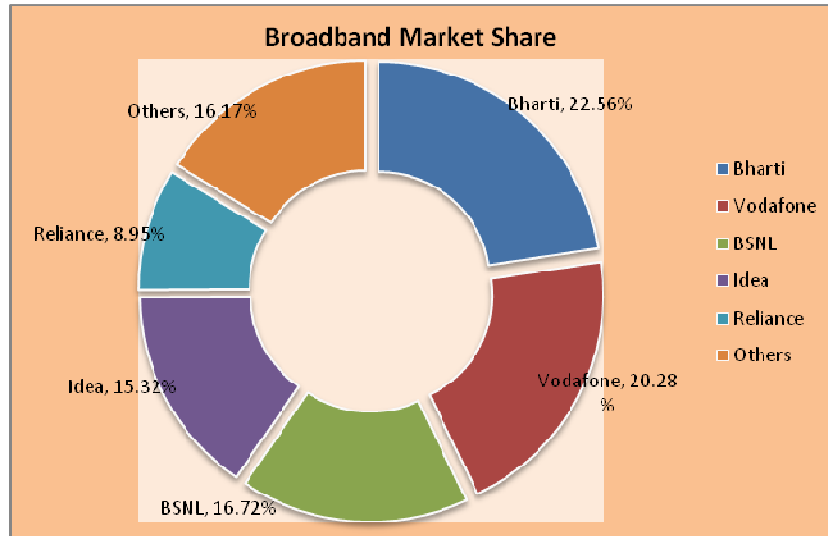
Segment	Broadband subscribers (in million)		Monthly growth rate (%)
	As on 31 st May, 2015	As on 30 th June, 2015	
Wired subscribers	15.56	15.70	0.90
Mobile devices users (Phones and dongles)	88.96	92.70	4.21
Fixed Wireless subscribers (Wi-Fi, Wi-Max, Point-to- Point Radio & VSAT)	0.44	0.45	1.96
Total	104.96	108.85	3.71

- Top five service providers constituted 83.83% market share of total broadband subscribers at the end of Jun-15. These service providers were Bharti Airtel (24.56 million), Vodafone (22.08 million), BSNL (18.20 million), Idea Cellular Ltd (16.67 million) and Reliance Communications Group (9.74 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 30.06.2015**



- As on 30th June, 2015, the top five Wired Broadband Service providers were BSNL (9.91 million), Bharti Airtel (1.47 million), MTNL (1.13 million), Atria Convergence Technologies (0.72 million) and YOU Broadband (0.46 million).
- As on 30th June, 2015, the top five Wireless Broadband Service providers were Bharti Airtel (23.09 million), Vodafone (22.07 million), Idea Cellular (16.67 million), Reliance Communications Group (9.63 million) and BSNL (8.29 million).

Contact details in case of any clarification:

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Authorized to issue:

(Vinod Kotwal)
Advisor (F&EA)

Wireless Subscriber Base

Annexure-I
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Circle	Group											
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel	
	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15
Andhra Pradesh	22033686	22183031	5138298	5164458	6869915	6848825	5525382	5468011	14195014	14346989	2721283	2752856
Assam	5237918	5286302	2360329	2333948	3225034	3238050			897965	915022	4500525	4567562
Bihar	25590324	25790972	9549784	9714339	8600391	8574471	2028035	1977158	9508749	9768260	6235856	6345387
Delhi	10897529	10897923	8328988	8214686	9635340	9666715	2579184	2747027	5930977	6013531	5280604	5394596
Gujarat	7909509	7905685	4575129	4709552	18581156	18601610	2722620	2722223	11046538	11101591	17063	17063
Haryana	2684230	2711058	2012351	2029853	5299143	5269179	2699433	2665172	4627597	4672183	3092	3092
Himachal Pradesh	2658716	2658728	1612476	1611895	637745	653732	84243	84640	718800	732370	981104	976920
J & K	3056667	3077149	838880	845082	1267141	1185747			542765	547858	2724296	2729425
Karnataka	19550499	19789627	5203391	5250385	7176933	7272606	6813192	6834259	8021985	8164920	2668809	2678151
Kerala	4014935	4018540	1935027	1940945	7267316	7320505	1602796	1594018	9856430	9912344	11156	21323
Kolkata	4122531	4178476	3807648	3940536	4916462	4972601	2802264	2820997	1871691	1895705	3875574	3925915
Madhya Pradesh	11571450	11624876	12348946	12396521	6390432	6376689	4505697	4575617	19774009	19883478	21194	21194
Maharashtra	11786613	11879438	4899632	4945817	17421605	17357069	6368584	6217603	21815769	21899528	2005898	2069802
Mumbai	5085191	5114420	5656593	5735768	8407030	8416128	3313902	3373530	3990094	4016406	2498454	2548157
North East	3503597	3521860	845283	798855	1326569	1358820			471404	473119	2955226	2979468
Orissa	9215181	9269083	4277619	4390432	3529903	3558885	2284735	2272821	1321440	1330006	4081459	4156988
Punjab	7772653	7797227	2321363	2358325	4931918	4923115	2523006	2503603	6264026	6327933	969258	985719
Rajasthan	17887751	17890152	6247880	6386023	11160435	11205004	1658056	1631122	7123593	7232280	5858919	5919000
Tamil Nadu (incl. Chennai)	15961179	16094730	6105266	6172013	14403292	14492000	5534488	5535290	4662130	4878162	23793159	23244761
U.P.(E)	18888185	18837031	8314257	8334365	17843087	17884170	4387059	4359103	10042604	10090740	6309642	6395523
U.P.(W)	7483117	7480611	5381046	5406237	10747817	10693590	3563883	3565772	13288614	13301995	283230	315667
West Bengal	12530946	12654747	6932685	7228432	15350737	15514461	643874	625562	4487350	4575275	4939553	5001239
Total	229442407	230661666	108692871	109908467	184989401	185383972	61640433	61573528	160459544	162079695	82735354	83049808
Net Addition		1219259		1215596		394571		-66905		1620151		314454

Wireless Subscriber Base

Annexure-I
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Circle	Group														Net Addition	
	BSNL		MTNL		Telewings		Sistema		Videocon		Quadrant		Total			
	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15		
Andhra Pradesh	9654721	9643084			5440162	5520752								71578461	71928006	349545
Assam	1248887	1216102												17470658	17556986	86328
Bihar	2922823	2999761			7165012	7431027				18172	21187			71619146	72622562	1003416
Delhi			2337956	2338929			1036431	1027261						46027009	46300668	273659
Gujarat	3088796	3077294			7652268	7713215	219674	223685	2394030	2425243				58206783	58497161	290378
Haryana	2713387	2704656							1955982	1986046				21995215	22041239	46024
Himachal Pradesh	1418046	1396090												8111130	8114375	3245
J & K	1209600	1223637												9639349	9608898	-30451
Karnataka	6702027	6747629					1452282	1430876						57589118	58168453	579335
Kerala	6695824	6742652					391925	394104						31775409	31944431	169022
Kolkata	769111	751814					641948	637936						22807229	23123980	316751
Madhya Pradesh	3625918	3554916								3042550	3126003			61280196	61559294	279098
Maharashtra	5012551	4981142			7552691	7547263								76863343	76897662	34319
Mumbai			1194316	1209001										30145580	30413410	267830
North East	1410251	1424688												10512330	10556810	44480
Orissa	3422206	3435161												28132543	28413376	280833
Punjab	3067669	3102797										2758282	2806210	30608175	30804929	196754
Rajasthan	3290050	3274211					2197645	2212554						55424329	55750346	326017
Tamil Nadu (incl. Chennai)	8668177	8670325					891367	873590						80019058	79960871	-58187
U.P.(E)	7653590	7260616			11641969	11567252				21817	25243			85102210	84754043	-348167
U.P.(W)	3365166	3404414			8261382	8351314	179942	179838	23080	26360				52577277	52725798	148521
West Bengal	1687745	1745718					1725597	1716510						48298487	49061944	763457
Total	77626545	77356707	3532272	3547930	47713484	48130823	8736811	8696354	7455631	7610082	2758282	2806210	975783035	980805242	5022207	
Net Addition		-269838		15658		417339		-40457		154451		47928		5022207		

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

Annexure-II

Circle	Aircel	Bharti	BSNL	Quadrant	Idea	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	61.04	98.08	62.15		102.95		97.69		82.97	72.37		86.63	88.58
Assam	86.13	99.67	85.99		94.42		92.43					93.87	92.89
Bihar	77.46	95.82	66.61		98.04		97.27		62.63	71.85	14.41	98.52	90.44
Delhi	69.00	88.64			94.45	48.87	98.45	50.90	51.95			103.90	87.01
Gujarat	2376.32	94.89	82.44		106.08		99.08	40.91	82.59	65.80	42.36	95.10	90.64
Haryana	8.99	95.73	57.90		98.80		98.10		80.22		53.91	95.21	86.18
Himachal Pradesh	63.11	95.51	83.99		114.04		96.01		42.73			100.51	91.25
J & K	82.09	96.06	76.73		95.81		60.97					72.24	83.59
Karnataka	66.84	98.04	58.96		103.33		97.89	68.37	84.65			90.02	89.49
Kerala	169.39	95.96	84.71		105.74		94.33	66.42	83.56			91.41	94.54
Kolkata	79.42	97.59	91.01		87.39		95.61	90.89	80.57			98.12	90.97
Madhya Pradesh	1.88	97.50	80.62		106.62		96.68		79.66		44.48	80.61	93.51
Maharashtra	59.02	93.33	86.95		103.92		97.34		78.20	71.66		98.48	93.08
Mumbai	61.66	96.87			93.12	76.90	96.81		77.64			87.17	87.80
North East	70.13	97.23	68.15		88.41		84.10					85.94	82.82
Orissa	63.23	96.50	84.64		101.42		96.12		73.59			94.24	88.26
Punjab	65.27	96.96	76.02	55.91	104.06		98.88		70.51			91.23	88.64
Rajasthan	79.12	98.14	77.67		101.62		98.82	60.02	102.34			92.37	92.90
Tamil Nadu (incl. Chennai)	69.90	97.26	57.48		86.05		94.56	56.08	69.49			96.93	81.67
U.P. (E)	76.76	95.35	64.30		107.38		98.87		70.01	73.14	19.48	101.99	90.11
U.P. (W)	265.01	95.07	69.86		101.05		98.89	61.31	72.68	72.34	18.80	96.00	91.28
West Bengal	85.29	95.42	86.13		103.47		94.92	64.72	43.59			96.51	93.34
Total	74.12	96.24	71.28	55.91	102.31	58.42	96.78	62.94	76.35	71.31	46.01	95.08	89.83

Note: Peak VLR figures in some circles of M/s Idea Cellular Ltd., M/s Aircel Ltd, M/s Tata Teleservices 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		May-15	Jun-15	
	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15	May-15	Jun-15			
Andhra Pradesh	1468799	1461266			121596	125355	79112	78437	167219	162180					9,150	9,120	1845876	1836358	-9518
Assam	166548	165359													1,470	1,500	168018	166859	-1159
Bihar	327230	328269					6,104	6,162	12,985	13,043					990	990	347309	348464	1155
Delhi			1610005	1610184	1198457	1199488	179011	178384	137355	137326					21,180	21,630	3146008	3147012	1004
Gujarat	1274889	1266176			62323	62651	81529	81507	85969	85451					2,730	2,760	1507440	1498545	-8895
Haryana	337,781	337,656			16957	17088	4930	4880	34266	35856					90	90	394024	395570	1546
Himachal Pradesh	186,071	184,253					4656	4400	2775	2764					90	90	193592	191507	-2085
J & K	140,940	139,445															140940	139445	-1495
Karnataka	1384163	1379155			551541	554385	131418	132321	195604	195688					7,230	7,350	2269956	2268899	-1057
Kerala	2442224	2430334			51164	51591	36358	35759	16839	16912					780	780	2547365	2535376	-11989
Kolkata	752343	747071			109247	109852	78823	77119	47524	48498					3450	3600	991387	986140	-5247
Madhya Pradesh	811593	789832			233160	234607	22251	21897	21059	21190					270	270	1088333	1067796	-20537
Maharashtra	1632749	1622948			68395	68932	82102	82209	282416	278765					9,840	9,900	2075502	2062754	-12748
Mumbai			1930439	1925433	341481	340887	238933	239426	544887	529219					13,290	14,040	3069030	3049005	-20025
North East	126,305	126,403													120	120	126425	126523	98
Orissa	305147	304395					2969	2999	7959	8006					720	720	316795	316120	-675
Punjab	741251	739182			93441	93721	20810	20852	17265	17315	228643	229536			510	510	1101920	1101116	-804
Rajasthan	677070	673902			41523	41644	23038	23146	9842	9818			57641	58131	1,830	1,890	810944	808531	-2413
Tamil Nadu (incl. Chennai)	2024338	2017754			465042	466816	139919	138620	95793	98300					7020	7320	2732112	2728810	-3302
U.P.(E)	390676	387629			56738	56991	37751	37232	15611	15462					1,080	1,050	501856	498364	-3492
U.P.(W)	431791	429807			20185	20139	6232	6284	9881	9916					420	420	468509	466566	-1943
West Bengal	418631	406294					1871	1895	3728	3772					30	30	424260	411991	-12269
Total	16040539	15937130	3540444	3535617	3431250	3444147	1177817	1173529	1708977	1689481	228643	229536	57641	58131	82290	84180	26267601	26151751	-115850
Net Addition		-103409		-4827		12897		-4288		-19496		893		490		1890		-115850	

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.