

**TELECOM REGULATORY AUTHORITY OF INDIA**

New Delhi, 10th July, 2015
(www.trai.gov.in)

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

Particulars	Wireless	Wireline	Total (Wireless+ Wireline)
Total Telephone Subscribers (Million)	975.78	26.27	1,002.05
Net Addition in May, 2015 (Million)	2.44	-0.10	2.34
Monthly Growth Rate	0.25%	-0.36%	0.23%
Urban Telephone Subscribers (Million)	558.83	21.32	580.15
Net Addition in May, 2015 (Million)	0.05	-0.03	0.02
Monthly Growth Rate	0.01%	-0.16%	0.003%
Rural Telephone Subscribers (Million)	416.95	4.95	421.90
Net Addition in May, 2015 (Million)	2.38	-0.06	2.32
Monthly Growth Rate	0.57%	-1.22%	0.55%
Overall Tele-density*	77.58	2.09	79.67
Urban Tele-density*	143.42	5.47	148.90
Rural Tele-density*	48.03	0.57	48.60
Share of Urban Subscribers	57.27%	81.17%	57.90%
Share of Rural Subscribers	42.73%	18.83%	42.10%
Broadband Subscribers (Million)	89.40	15.56	104.96

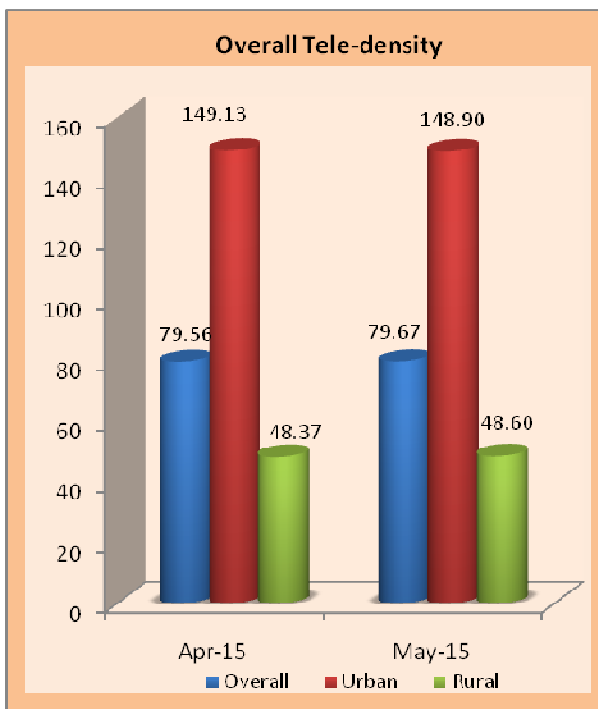
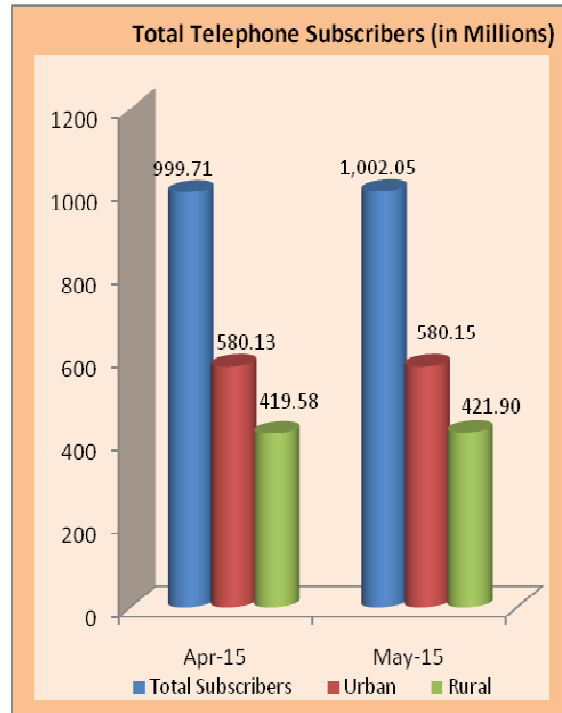
- ❖ In the month of May, 2015, 3.24 million subscribers submitted their requests for Mobile Number Portability (MNP). With this, the cumulative MNP requests increased from 157.01 million at the end of April, 2015 to 160.25 million at the end of May, 2015.
- ❖ Number of active wireless subscribers (on the date of peak VLR[#]) in May, 2015 was 868.64 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

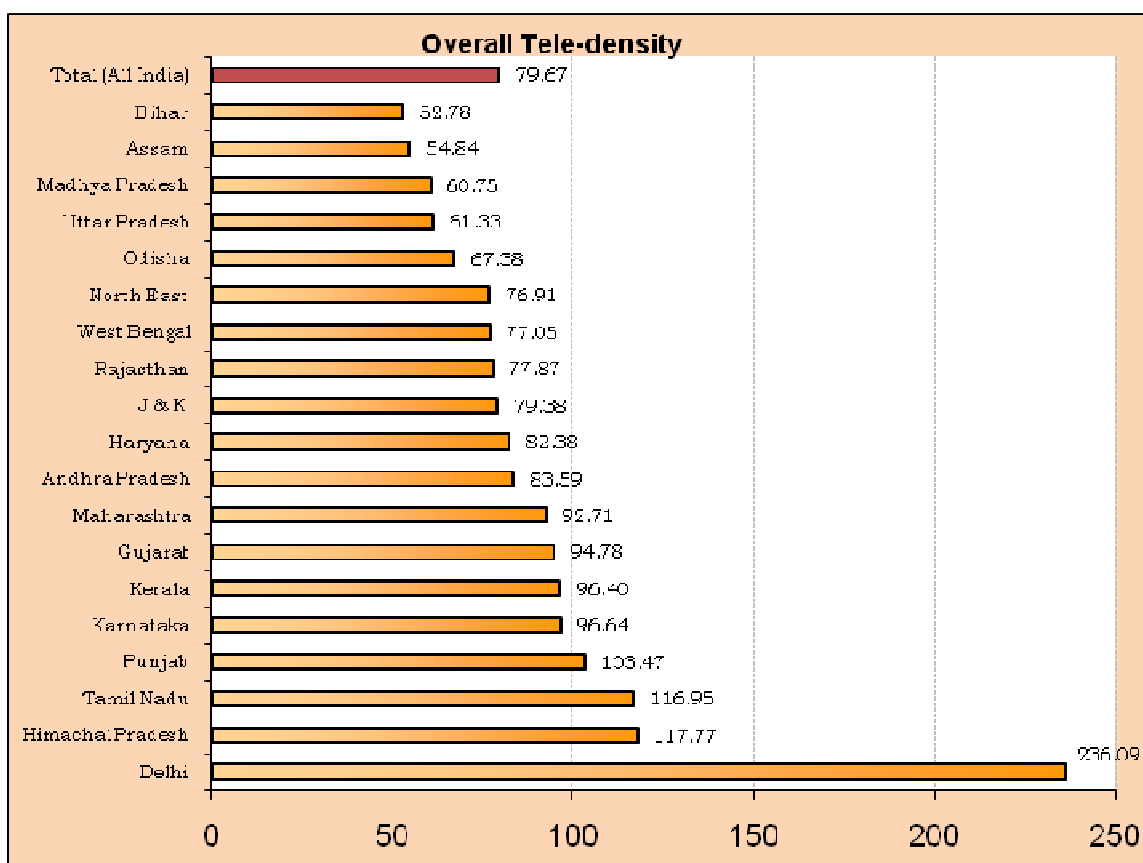
The number of telephone subscribers in India increased from 999.71 million at the end of Apr-15 to 1,002.05 million at the end of May-15, thereby showing a monthly growth rate of 0.23%. The urban subscription slightly increased from 580.13 million at the end of Apr-15 to 580.15 million at the end of May-15, and the rural subscription also increased from 419.58 million to 421.90 million during the same period. The monthly growth rates of urban and rural subscription were 0.003% and 0.55% respectively.



The overall Tele-density in India increased from 79.56 at the end of Apr-15 to 79.67 at the end of May-15. The Urban Tele-density declined¹ from 149.13 to 148.90, whereas Rural Tele-density increased from 48.37 at the end of Apr-15 to 48.60 at the end of May-15. The shares of urban subscribers and rural subscribers at the end of May-15 were 57.90% and 42.10% respectively.

¹ The Urban Tele-density has declined because the growth in urban telephone subscriber base in the month of May 2015 was lower as compared to the estimated growth in population during the month.

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

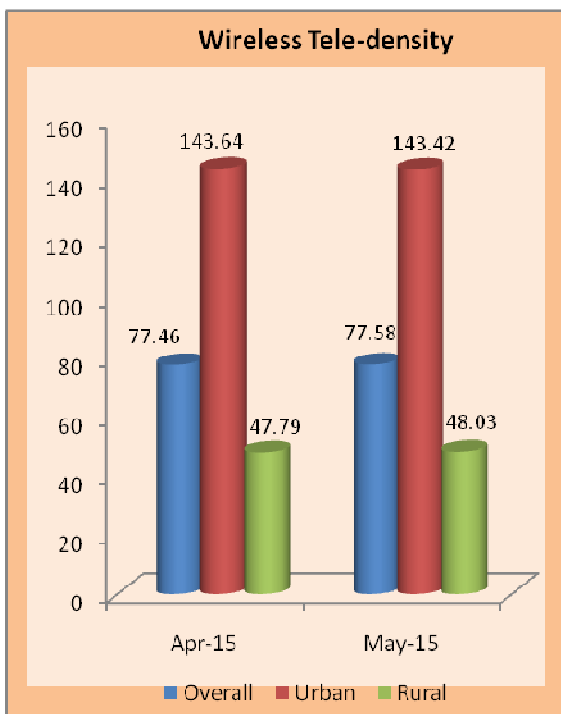
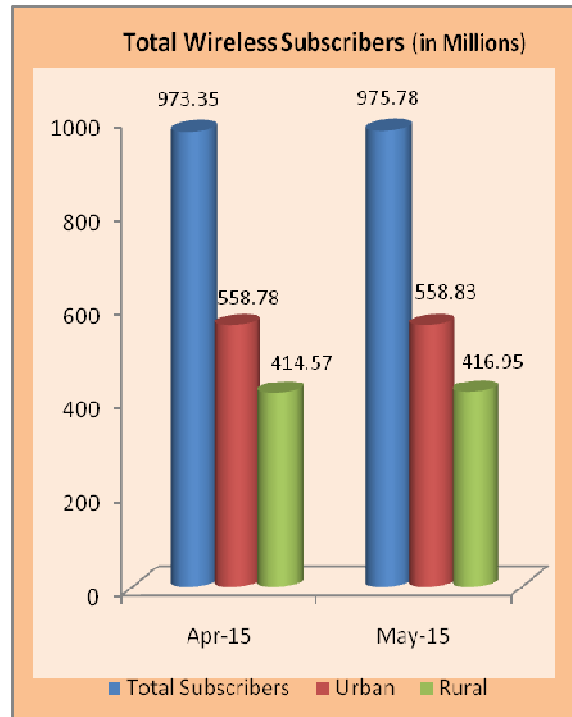


Notes:

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

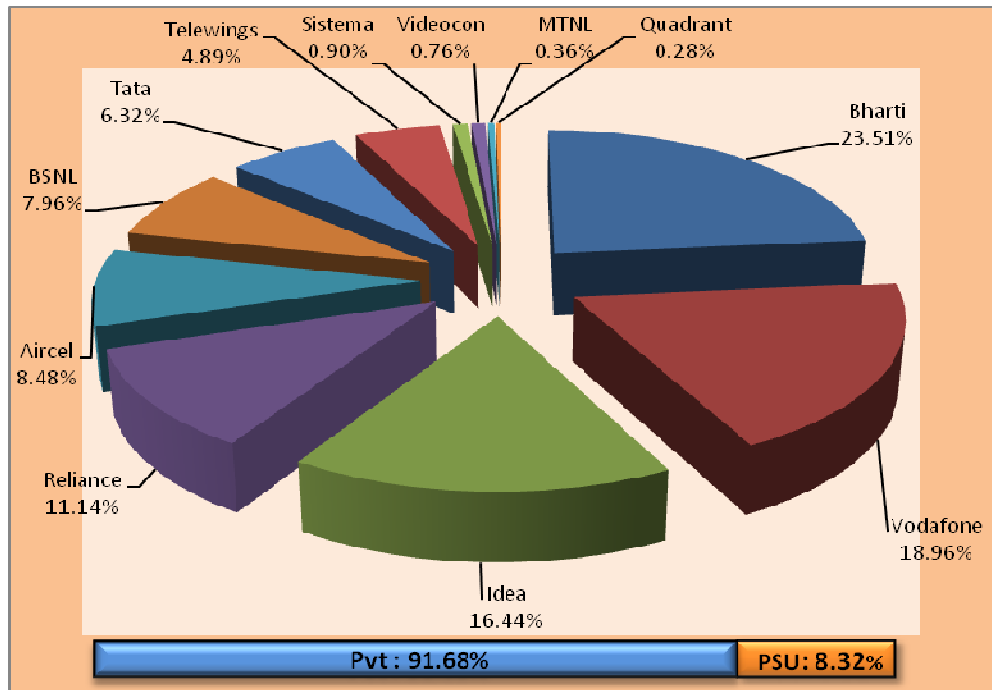
- Total wireless subscriber base increased from 973.35 million at the end of Apr-15 to 975.78 million at the end of May-15, thereby registering a monthly growth rate of 0.25%. The Wireless subscription in urban areas increased from 558.78 million at the end of Apr-15 to 558.83 million at the end of May-15 and wireless subscription in rural areas increased from 414.57 million to 416.95 million during the same period. The monthly growth rates of urban and rural wireless subscription were 0.01% and 0.57% respectively.



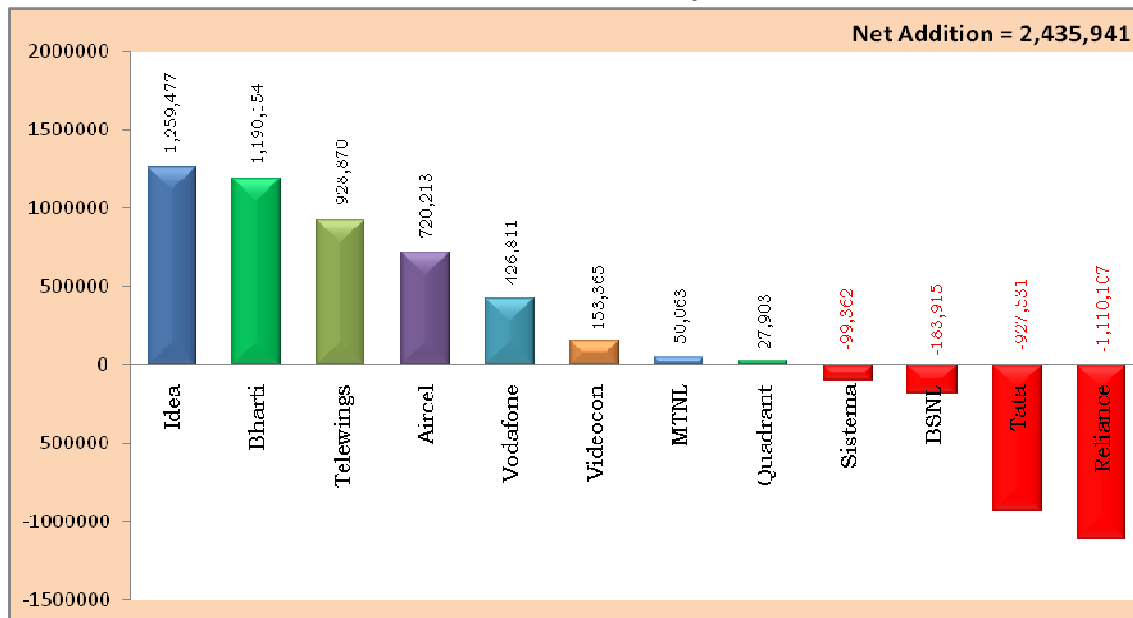
- The Wireless Tele-density in India increased from 77.46 at the end of Apr-15 to 77.58 at the end of May-15. The Urban Wireless Tele-density declined from 143.64 to 143.42, whereas Rural Wireless Tele-density increased from 47.79 to 48.03 in the month of May-15. The shares of urban and rural wireless subscribers were 57.27% and 42.73% respectively at the end of May-15. Detailed statistics of wireless subscriber base is available at **Annexure-I.**

- As on 31st May, 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 May, 2015



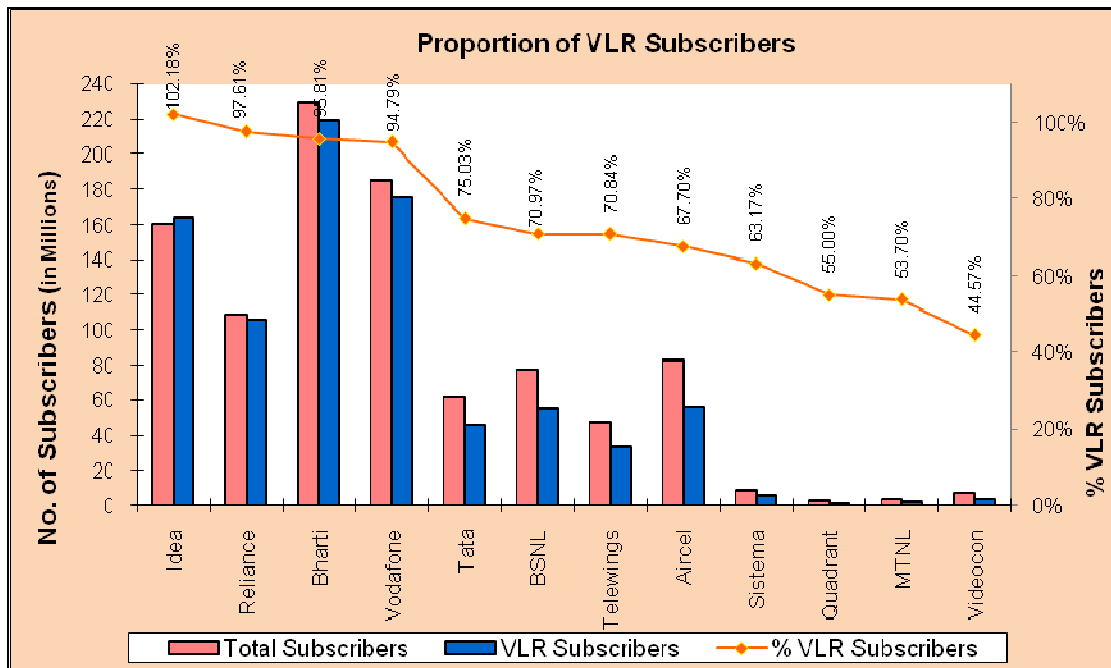
Net Additions in Wireless Subscriber Bases of Access Service Providers in the Month of May, 2015



III. Active Wireless Subscribers (VLR Data)

- Out of the total wireless subscriber base (975.78 million), 868.64 million wireless subscribers were active on the date of peak VLR in the month of May-15. The proportion of active wireless subscribers was approximately 89.02% 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 May-15 is available at **Annexure-II** and the methodology used for reporting VLR subscribers is available at **Annexure-IV**.

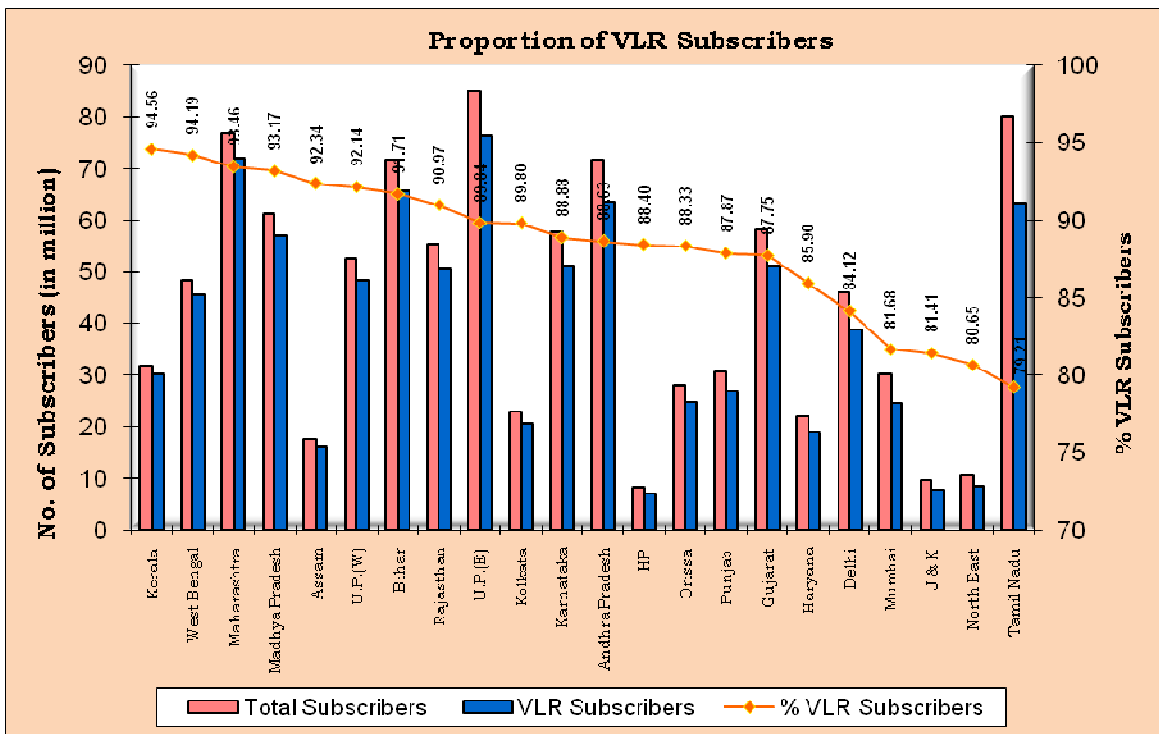
**Access Service Provider-wise Proportion of VLR Subscribers
In the Month of May, 2015**



Note-

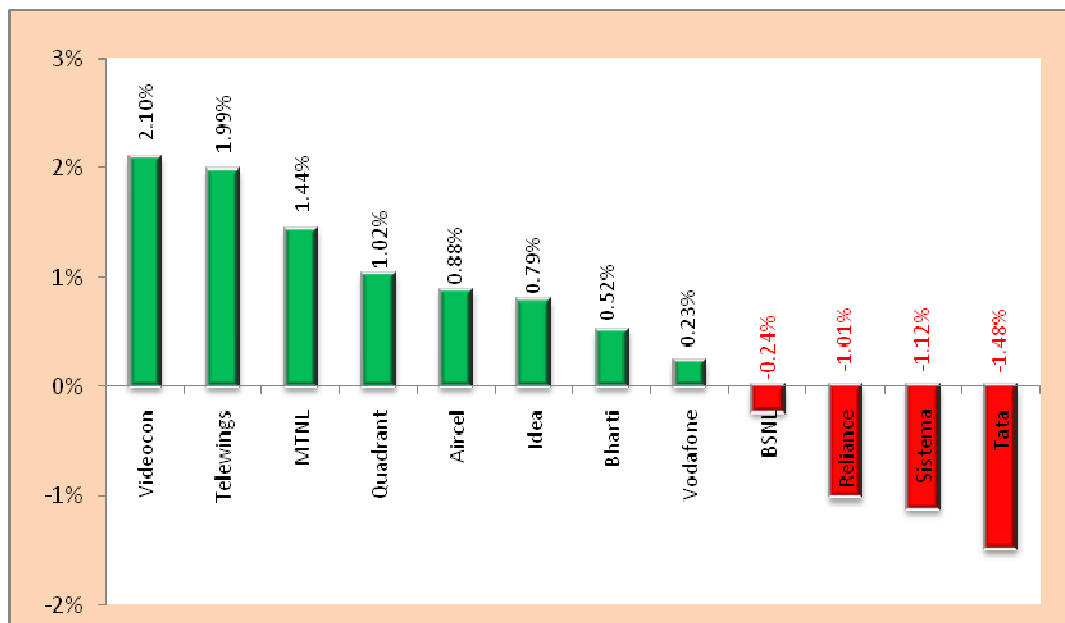
1. Number of VLR subscribers of Idea Cellular was more than its subscriber base due to a large number of inroamers in its network.

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

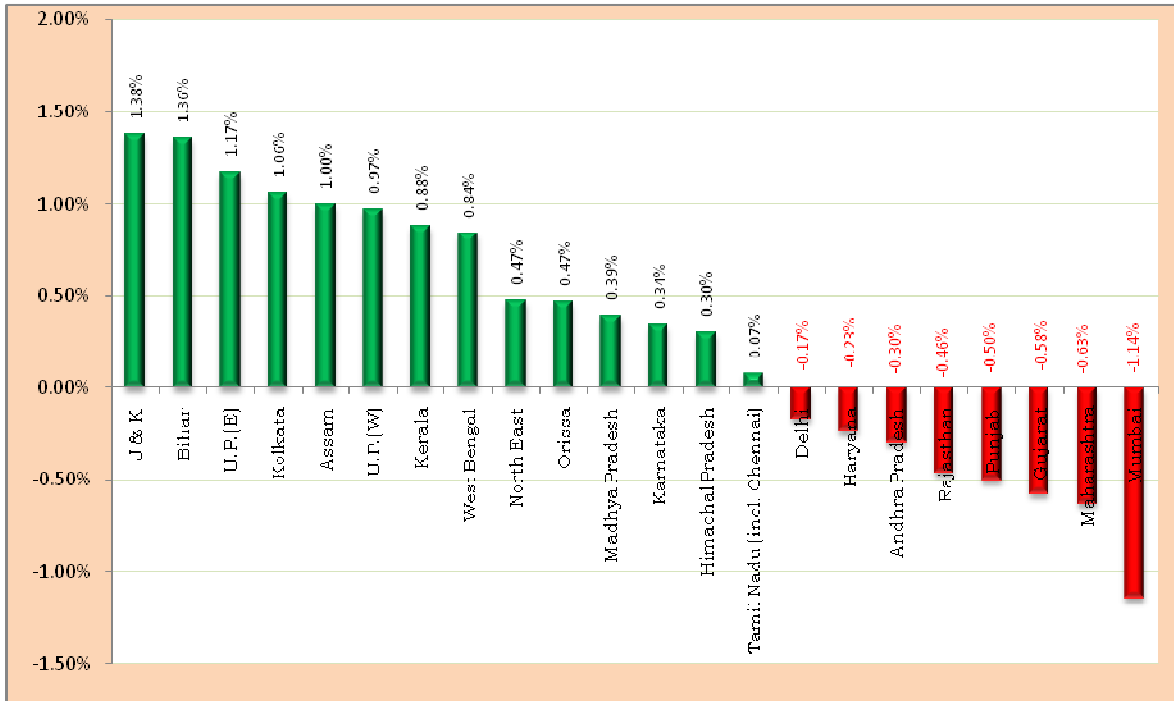


IV. Growth in Wireless Subscribers

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



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



- J&K service area recorded the highest growth rate in wireless subscribers during the month of May-15, whereas Mumbai service area showed maximum decline in subscriber base during the month.

V. Mobile Number Portability

- In the month of May-15, a total of 3.24 million subscribers submitted their requests for MNP. With this, the cumulative MNP requests increased from 157.01 million at the end of Apr-15 to 160.25 million at the end of May-15.
- In MNP Zone-I (Northern and Western India), the highest number of requests till date have been received in Rajasthan (about 15.13 million) followed by Gujarat (about 12.97 million). In MNP Zone-II (Southern and Eastern India), the highest number of requests till date have been received in Karnataka (about 18.47 million) followed by Andhra Pradesh (about 15.28 million).

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

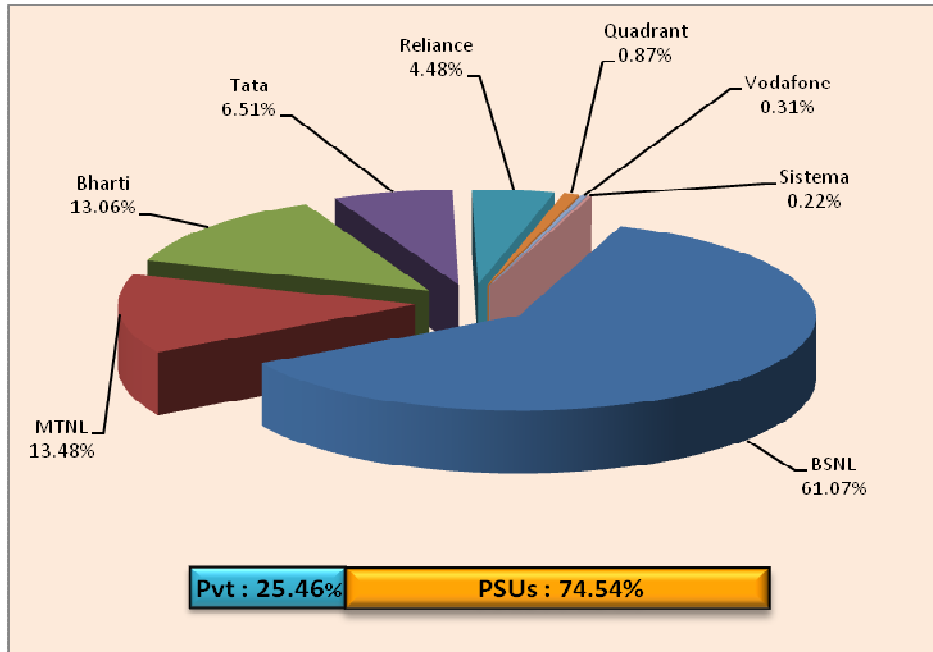
MNP Requests (Service Area-wise) at the end of May, 2015			
Zone - 1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	6301848	Andhra Pradesh	15278387
Gujarat	12969145	Assam	507449
Haryana	5835159	Bihar	3668733
Himachal Pradesh	547785	Karnataka	18474024
Jammu & Kashmir	37869	Kerala	5461885
Maharashtra	12248790	Kolkata	3710575
Mumbai	8858976	Madhya Pradesh	9970915
Punjab	5555268	North East	280800
Rajasthan	15133177	Orissa	3188038
Uttar Pradesh - East	7987736	Tamil Nadu	9879976
Uttar Pradesh - West	7959279	West Bengal	6398186
Total	83,435,032	Total	76,818,968
Total (Zone-1+Zone-2)			160,254,000
Net Addition (in May, 2015)			3,240,200

VI. Wireline Subscribers

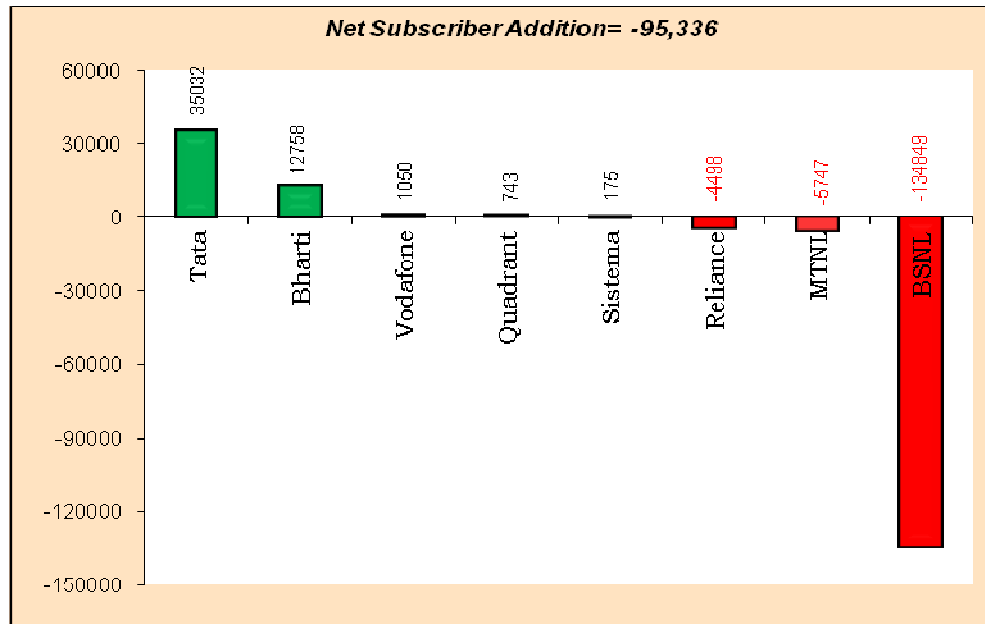
- Wireline subscriber base declined from 26.36 million at the end of Apr-15 to 26.27 million at the end of May-15. Net reduction in the wireline subscriber base was 0.10 million at the monthly decline rate of 0.36%. The share of urban and rural subscribers in total wireline subscribers were 81.17% and 18.83% respectively at the end of May-15.
- The Overall Wireline Tele-density declined from 2.10 in Apr-15 to 2.09 in May-15, with Urban Wireline Tele-density and Rural Wireline Tele-density being 5.47 and 0.57 respectively. BSNL and MTNL, the two PSU access service providers, held 74.54% 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 May-15 are given below:

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



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



VII. Category-wise Growth

Circle Category-wise Net Additions in Telephone Subscribers

Circle Category	Net additions in the month of May, 2015		Telephone Subscriber base as on 31 st May, 2015	
	Wireline segment	Wireless segment	Wireline segment	Wireless segment
Circle A	-20941	-788337	10430886	344256763
Circle B	-68225	1945017	7337211	387061298
Circle C	-16460	1468622	1293079	145485156
Metro	10290	-189361	7206425	98979818
All India	-95,336	2,435,941	26,267,601	975,783,035

Circle Category-wise Growth Rates in Telephone Subscribers

Circle Category	Monthly growth rate (%) (Apr-15 to May-15)		Yearly growth rate (%) (May-14 to May-15)	
	Wireline Segment	Wireless Segment	Wireline Segment	Wireless Segment
Circle A	-0.20	-0.23	-6.33	6.07
Circle B	-0.92	0.51	-12.09	6.89
Circle C	-1.26	1.02	-12.50	13.21
Metro	0.14	-0.19	-0.26	4.21
All India	-0.36	0.25	-6.80	7.21

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 May-15. Circles in Category-A and Metros showed negative growth rate of subscriber base in the same period.
- 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 May-15. Circles in Metros showed the positive growth during the same period.

VIII. Broadband (\geq 512 Kbps download)

- As per the reports received from the service providers, the number of broadband subscribers increased from 100.76 Million at the end of Apr-15 to 104.96 million at the end of May-15 with monthly growth rate of 4.17%. Segment-wise broadband subscribers and their monthly growth rates are as below:

Segment-wise Broadband Subscribers and Monthly Growth Rates

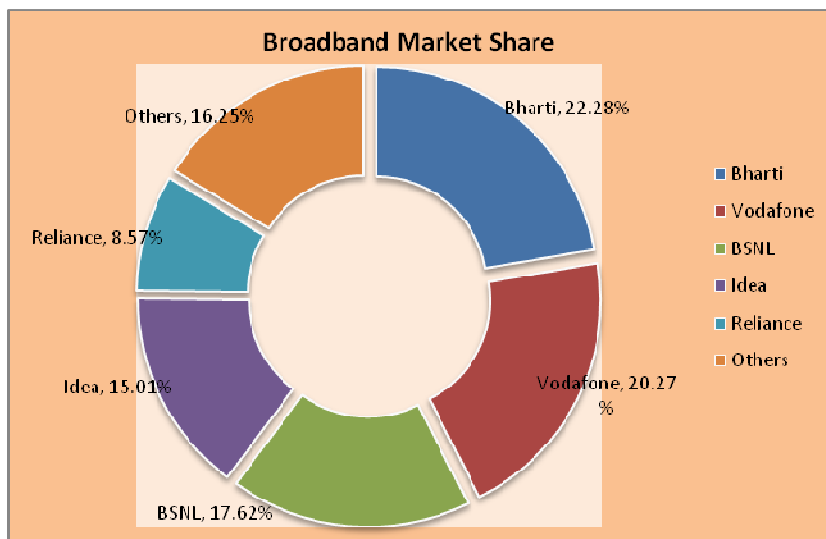
Segment	Broadband subscribers (in million)		Monthly growth rate (%)
	As on 30 th April, 2015	As on 31 st May, 2015	
Wired subscribers	15.52	15.56	0.23
Mobile devices users (Phones and dongles)	84.79	88.96	4.91
Fixed Wireless subscribers (Wi-Fi, Wi-Max, Point-to- Point Radio & VSAT)	0.44	0.44	-0.17
Total	100.76	104.96	4.17

- Top five service providers constituted 83.75% market share of total broadband subscribers at the end of May-15. These service providers were Bharti Airtel (23.39 million), Vodafone (21.27 million), BSNL (18.50 million), Idea Cellular Ltd (15.76 million) and Reliance Communications Group (8.99 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 31.05.2015**



- As on 31st May, 2015, the top five Wired Broadband Service providers were BSNL (9.90 million), Bharti Airtel (1.45 million), MTNL (1.14 million), Atria Convergence Technologies (0.66 million) and YOU Broadband (0.45 million).
- As on 31st May, 2015, the top five Wireless Broadband Service providers were Bharti Airtel (21.93 million), Vodafone (21.27 million), Idea Cellular (15.76 million), Reliance Communications Group (8.88 million) and BSNL (8.59 million).

Contact details in case of any clarification:

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Authorized to issue:

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Advisor (F&EA)

Wireless Subscriber Base

Annexure-I

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Circle	Group											
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel	
	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15
Andhra Pradesh	22037290	22033686	5241742	5138298	6920763	6869915	5627428	5525382	14202467	14195014	2652133	2721283
Assam	5204025	5237918	2344941	2360329	3196057	3225034			884814	897965	4416991	4500525
Bihar	25170015	25590324	9447263	9549784	8604771	8600391	2103476	2028035	9233831	9508749	6176059	6235856
Delhi	10902309	10897529	8476749	8328988	9593264	9635340	2610592	2579184	5934180	5930977	5228190	5280604
Gujarat	7917709	7909509	4747057	4575129	18693316	18581156	2813452	2722620	11021621	11046538	17063	17063
Haryana	2655182	2684230	2040355	2012351	5260998	5299143	2805351	2699433	4617735	4627597	3092	3092
Himachal Pradesh	2652286	2658716	1593582	1612476	624758	637745	93586	84243	710406	718800	987757	981104
J & K	3036173	3056667	814756	838880	1235738	1267141			532400	542765	2677070	2724296
Karnataka	19466597	19550499	5120826	5203391	7222959	7176933	6831196	6813192	7946683	8021985	2638581	2668809
Kerala	4006655	4014935	1903875	1935027	7217203	7267316	1621081	1602796	9732578	9856430	2109	11156
Kolkata	4124986	4122531	3691253	3807648	4881882	4916462	2812685	2802264	1851271	1871691	3789164	3875574
Madhya Pradesh	11578257	11571450	12286740	12348946	6328881	6390432	4613337	4505697	19633934	19774009	21194	21194
Maharashtra	11702047	11786613	5082811	4899632	17563042	17421605	6340880	6368584	21913092	21815769	1957991	2005898
Mumbai	5125874	5085191	5835024	5656593	8440909	8407030	3461310	3313902	4036175	3990094	2450955	2498454
North East	3489607	3503597	849590	845283	1309241	1326569			470225	471404	2933433	2955226
Orissa	9184682	9215181	4268267	4277619	3506201	3529903	2279474	2284735	1334773	1321440	3989233	4081459
Punjab	7782392	7772653	2398031	2321363	4947771	4931918	2615498	2523006	6239341	6264026	1001624	969258
Rajasthan	17812059	17887751	6661536	6247880	11136768	11160435	1741631	1658056	7036705	7123593	5787151	5858919
Tamil Nadu (incl. Chennai)	15952989	15961179	6215000	6105266	14331292	14403292	5544577	5534488	4546935	4662130	23801022	23793159
U.P.(E)	18775376	18888185	8361541	8314257	17608846	17843087	4390577	4387059	9766398	10042604	6407394	6309642
U.P.(W)	7295794	7483117	5488197	5381046	10705866	10747817	3586941	3563883	13138451	13288614	243729	283230
West Bengal	12379949	12530946	6933842	6932685	15232064	15350737	674892	643874	4416052	4487350	4833206	4939553
Total	228252253	229442407	109802978	108692871	184562590	184989401	62567964	61640433	159200067	160459544	82015141	82735354
Net Addition		1190154		-1110107		426811		-927531		1259477		720213

Wireless Subscriber Base

Annexure-I
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Circle	Group														Net Addition		
	BSNL		MTNL		Telewings		Sistema		Videocon		Quadrant		Total				
	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15			
Andhra Pradesh	9646659	9654721			5464392	5440162									71792874	71578461	-214413
Assam	1251177	1248887													17298005	17470658	172653
Bihar	2873392	2922823			7035864	7165012			14955	18172					70659626	71619146	959520
Delhi			2338037	2337956			1022648	1036431							46105969	46027009	-78960
Gujarat	3109193	3088796			7634874	7652268	214700	219674	2376436	2394030					58545421	58206783	-338638
Haryana	2731107	2713387							1933041	1955982					22046861	21995215	-51646
Himachal Pradesh	1424119	1418046													8086494	8111130	24636
J & K	1212197	1209600													9508334	9639349	131015
Karnataka	6650838	6702027					1514674	1452282							57392354	57589118	196764
Kerala	6619251	6695824					394500	391925							31497252	31775409	278157
Kolkata	777760	769111					639790	641948							22568791	22807229	238438
Madhya Pradesh	3637767	3625918							2942445	3042550					61042555	61280196	237641
Maharashtra	5334315	5012551			7460095	7552691									77354273	76863343	-490930
Mumbai			1144172	1194316											30494419	30145580	-348839
North East	1410875	1410251													10462971	10512330	49359
Orissa	3438474	3422206													28001104	28132543	131439
Punjab	3047615	3067669										2730379	2758282		30762651	30608175	-154476
Rajasthan	3272034	3290050					2233030	2197645							55680914	55424329	-256585
Tamil Nadu (incl. Chennai)	8663605	8668177					904758	891367							79960178	80019058	58880
U.P.(E)	7668646	7653590			11121478	11641969			16894	21817					84117150	85102210	985060
U.P.(W)	3341608	3365166			8067911	8261382	184999	179942	18495	23080					52071991	52577277	505286
West Bengal	1699828	1687745					1727074	1725597							47896907	48298487	401580
Total	77810460	77626545	3482209	3532272	46784614	47713484	8836173	8736811	7302266	7455631	2730379	2758282	973347094	975783035	2435941		
Net Addition		-183915		50063		928870		-99362		153365		27903		2435941			

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

Annexure-II

Circle	Aircel	Bharti	BSNL	Quadrant	Idea	MTNL	Reliance	Sistema	Tata	Telewings	Videocon	Vodafone	Total
Andhra Pradesh	56.76	98.90	62.16		102.67		98.19		83.09	71.77		87.15	88.63
Assam	84.04	100.39	84.78		92.60		91.39					94.41	92.34
Bihar	77.05	97.36	68.27		100.63		98.94		60.07	73.72	20.23	98.19	91.71
Delhi	61.90	84.27			89.48	47.04	97.97	49.08	58.74			100.41	84.12
Gujarat	58.53	91.76	82.80		104.40		99.07	38.87	70.56	63.08	40.48	93.54	87.75
Haryana	7.37	95.23	56.15		99.86		97.66		80.65		51.50	95.16	85.90
Himachal Pradesh	58.53	92.63	81.07		109.78		95.84		41.29			96.30	88.40
J & K	76.36	96.07	78.68		95.13		61.07					67.11	81.41
Karnataka	60.95	97.61	58.72		103.31		98.78	67.17	83.01			90.28	88.88
Kerala	185.55	96.39	84.77		105.44		94.62	66.20	82.10			91.92	94.56
Kolkata	74.40	95.33	89.48		83.99		98.95	91.57	79.40			98.16	89.80
Madhya Pradesh	1.92	95.25	79.05		106.80		97.05		79.07		43.79	81.54	93.17
Maharashtra	57.07	95.00	87.85		104.92		98.25		75.12	70.07		99.37	93.46
Mumbai	55.63	88.09			83.90	66.72	98.16		73.81			78.63	81.68
North East	66.30	96.36	64.78		86.43		79.48					86.66	80.65
Orissa	61.87	96.12	84.59		102.32		98.65		72.98			94.39	88.33
Punjab	53.21	95.20	77.27	55.00	104.31		99.00		70.56			90.84	87.87
Rajasthan	62.10	95.55	77.08		102.78		98.89	61.73	102.37			94.96	90.97
Tamil Nadu (incl. Chennai)	63.69	96.24	57.19		83.30		95.60	55.88	68.22			96.61	79.21
U.P. (E)	74.21	96.33	61.31		107.92		99.11		69.34	72.68	18.68	102.58	89.84
U.P. (W)	183.40	101.30	71.06		101.89		99.01	62.96	71.98	73.04	26.45	96.48	92.14
West Bengal	78.75	95.90	90.67		105.49		98.97	65.75	42.87			98.03	94.19
Total	67.70	95.81	70.97	55.00	102.18	53.70	97.61	63.17	75.03	70.84	44.57	94.79	89.02

Note: Peak VLR figures in some circles of M/s Idea Cellular Ltd., M/s Aircel Ltd, M/s Bharti Airtel 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		Apr-15	May-15	
	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15	Apr-15	May-15			
Andhra Pradesh	1470770	1468799			120555	121596	80051	79112	162176	167219					9,120	9,150	1842672	1845876	3204
Assam	168201	166548													1,470	1,470	169671	168018	-1653
Bihar	330452	327230					6,104	6,104	12950	12,985					960	990	350466	347309	-3157
Delhi			1609505	1610005	1197453	1198457	179839	179011	133960	137355					21,060	21,180	3141817	3146008	4191
Gujarat	1287094	1274889			61824	62323	81553	81529	84105	85969					2,730	2,730	1517306	1507440	-9866
Haryana	343,136	337,781			16815	16957	4900	4930	34152	34266					90	90	399093	394024	-5069
Himachal Pradesh	192,567	186,071					4743	4656	2769	2775					90	90	200169	193592	-6577
J & K	145,169	140,940															145169	140940	-4229
Karnataka	1388643	1384163			546215	551541	130911	131418	195141	195604					6,900	7,230	2267810	2269956	2146
Kerala	2455177	2442224			50770	51164	36857	36358	16688	16839					690	780	2560182	2547365	-12817
Kolkata	756327	752343			108728	109247	79491	78823	47404	47524					3420	3450	995370	991387	-3983
Madhya Pradesh	823526	811593			232499	233160	22614	22251	20612	21059					270	270	1099521	1088333	-11188
Maharashtra	1650139	1632749			68483	68395	82465	82102	275461	282416					9,630	9,840	2086178	2075502	-10676
Mumbai			1936686	1930439	341368	341481	238325	238933	529309	544887					13,260	13,290	3058948	3069030	10082
North East	126,467	126,305													120	120	126587	126425	-162
Orissa	305918	305147					2953	2969	7886	7959					720	720	317477	316795	-682
Punjab	748952	741251			93002	93441	20650	20810	17218	17265	227900	228643			510	510	1108232	1101920	-6312
Rajasthan	684248	677070			41192	41523	23040	23038	9742	9842			57466	57641	1,770	1,830	817458	810944	-6514
Tamil Nadu (incl. Chennai)	2031324	2024338			463027	465042	141528	139919	95052	95793					6930	7020	2737861	2732112	-5749
U.P.(E)	397333	390676			56457	56738	38213	37751	15643	15611					1,080	1,080	508726	501856	-6870
U.P.(W)	439204	431791			20104	20185	6165	6232	9886	9881					390	420	475749	468509	-7240
West Bengal	430741	418631					1913	1871	3791	3728					30	30	436475	424260	-12215
Total	16175388	16040539	3546191	3540444	3418492	3431250	1182315	1177817	1673945	1708977	227900	228643	57466	57641	81240	82290	26362937	26267601	-95336
Net Addition		-134849		-5747		12758		-4498		35032		743		175		1050		-95336	

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.