

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 10th October, 2013

(www.trai.gov.in)

**Highlights on Telecom Subscription Data as on 31st July, 2013**

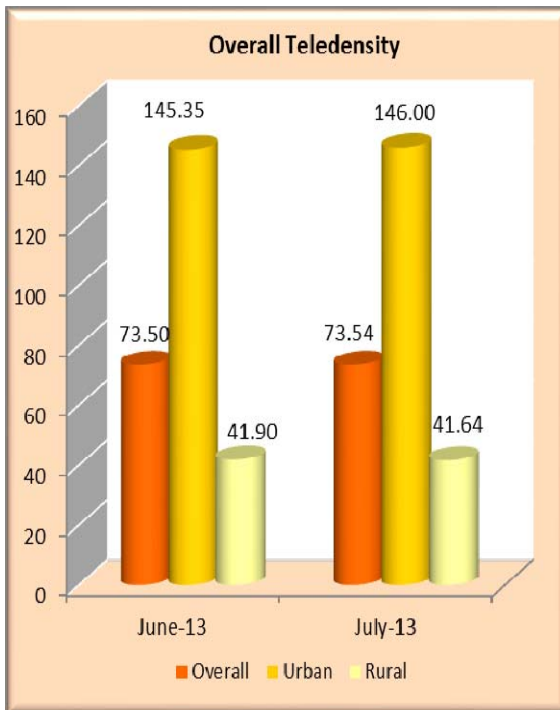
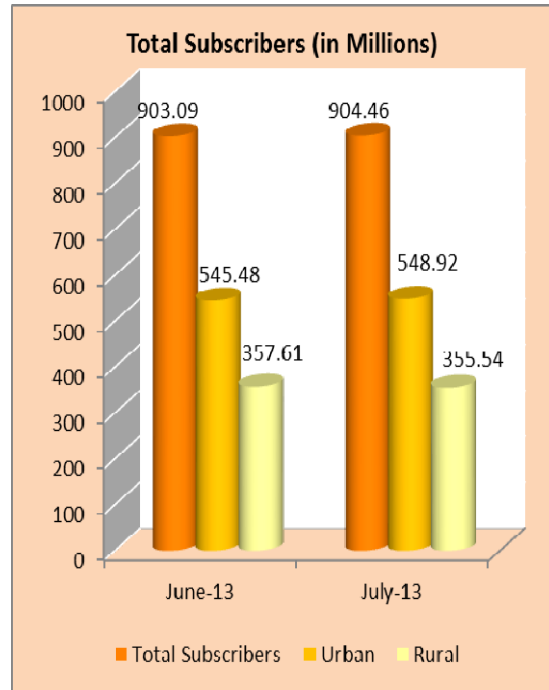
Particulars	Wireless	Wireline	Total Wireless+Wireline
Total Subscribers (Millions)	874.88	29.58	904.46
Total Net Monthly Addition (Millions)	1.52	-0.15	1.37
Monthly Growth (%)	0.17%	-0.50%	0.15%
Urban Subscribers (Millions)	525.78	23.07	548.85
Urban Subscribers Net Monthly Addition (Millions)	3.52	-0.22	3.30
Monthly Growth (%)	0.67%	-0.93%	0.60%
Rural Subscribers (Millions)	349.09	6.51	355.60
Rural Subscribers Net Monthly Addition (Millions)	-2.00	0.07	-1.93
Monthly Growth (%)	-0.57%	1.05%	-0.54%
Overall Teledensity*	71.13	2.40	73.54
Urban Teledensity*	139.87	6.14	146.00
Rural Teledensity*	40.88	0.76	41.64
Share of Urban Subscribers	60.10%	78.00%	60.68%
Share of Rural Subscribers	39.90%	22.00%	39.32%

- ❖ Mobile Number Portability requests increased from 95.59million subscribers at the end of June 2013 to 97.82 million at the end of July 2013. In the month of July 2013 alone 2.23 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in July, 2013 are 731.40million, 83.60% of the total subscribers.
- ❖ Broadband subscription reached 15.24million in July 2013 from 15.19million in June 2013.

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

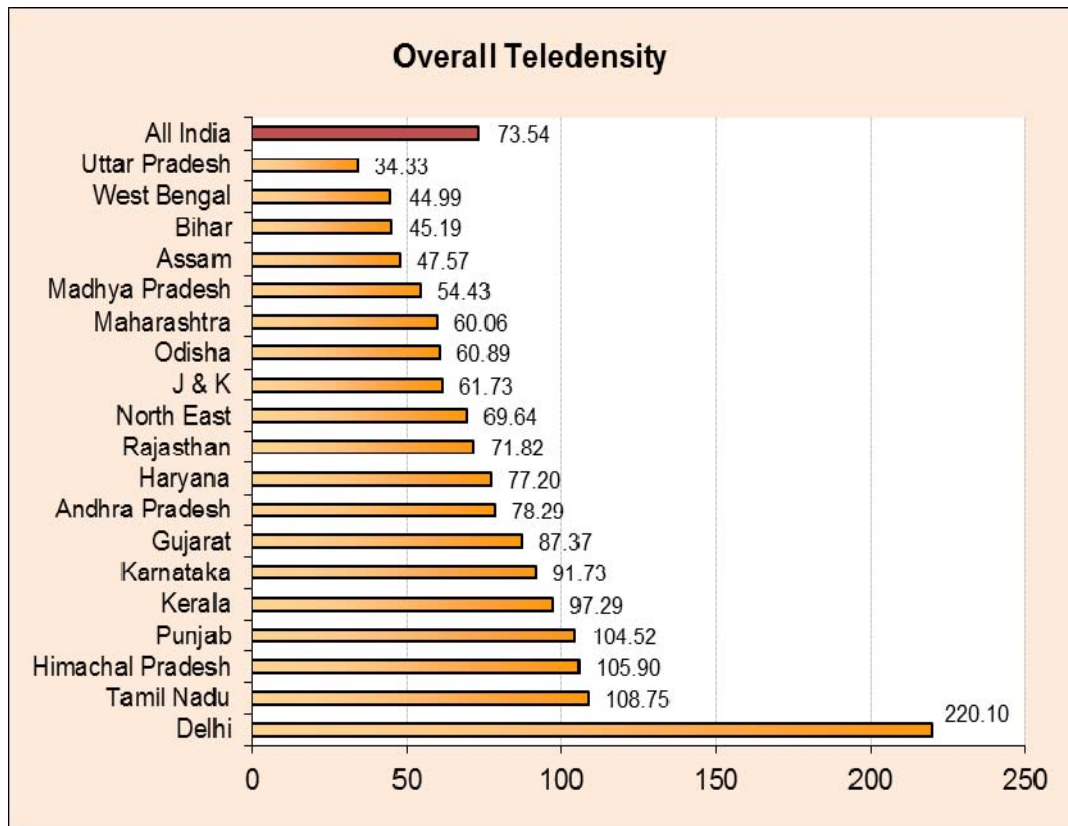
I. Total Telephone Subscribers

• The number of telephone subscribers in India increased from 903.09 million at the end of June, 2013 to 904.46 million at the end of July 2013, thereby showing a monthly growth rate of 0.15%. The share of urban subscribers has increased from 60.40% to 60.68% whereas share of rural subscribers has declined from 39.60% to 39.32% in the month of July 2013. With this, the overall Teledensity in India slightly increased from 73.50 at the end of June, 2013 to 73.54 at the end of July, 2013.



• Subscription in the urban areas increased from 545.48 million in June, 2013 to 548.85 million at the end of July, 2013. Subscription in rural areas decreased from 357.61 million to 355.60 million during the same period. The monthly growth rate of urban and rural subscription is 3.30% and -1.93% respectively. The overall urban Teledensity has increased from 145.35 to 146.00 whereas Rural Teledensity decreased from 41.90 to 41.64.

Overall Teledensity (Circle Wise)

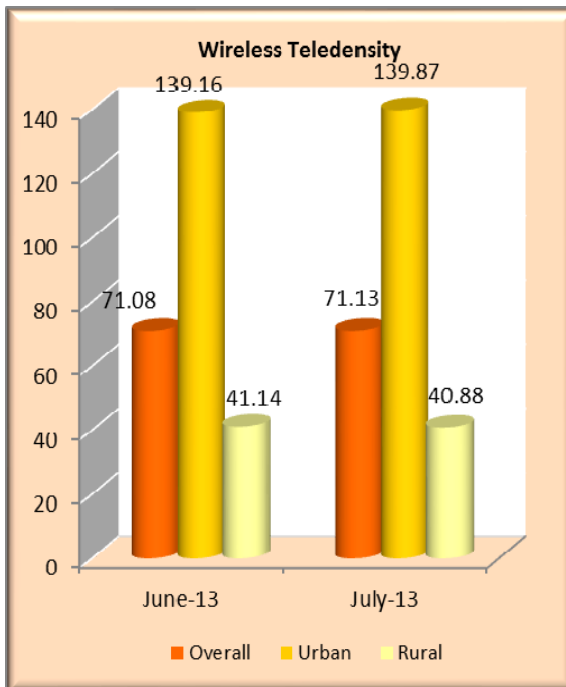


Notes:

1. Population data/Projections are available state wise only.
2. Teledensity 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)

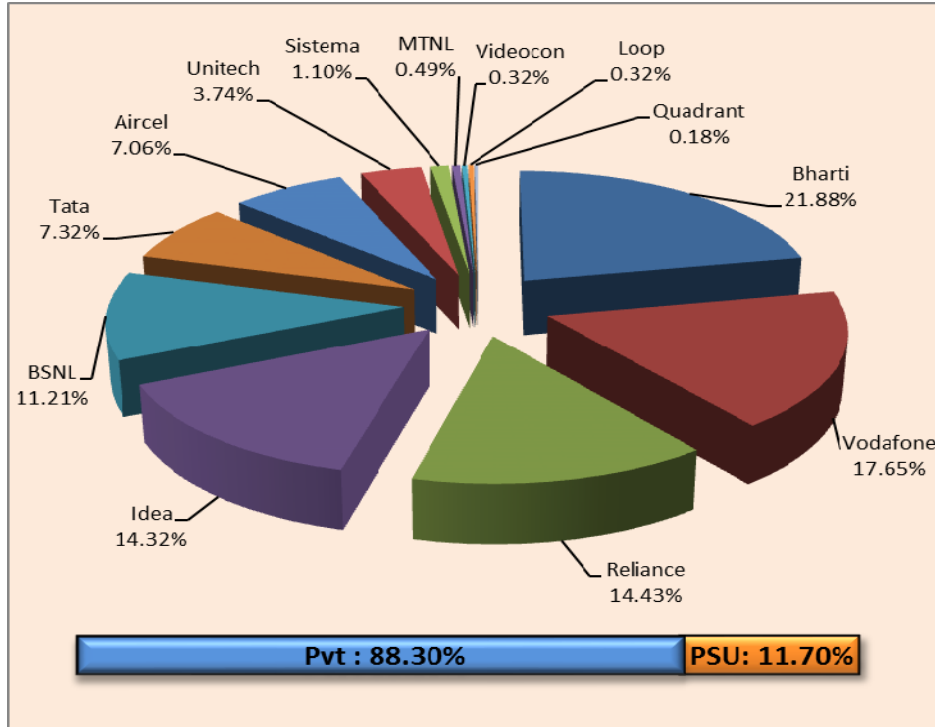
- Total wireless subscriber base increased from 873.36million in June 2013 to 874.88million at the end of July 2013, registering a monthly growth of 0.17%. The share of urban wireless subscribers has increased from 59.80% to 60.10% whereas share of rural wireless subscribers has decreased from 40.20% to 39.90%. The overall wireless Teledensity in India has reached 71.13 from 71.08 of previous month.



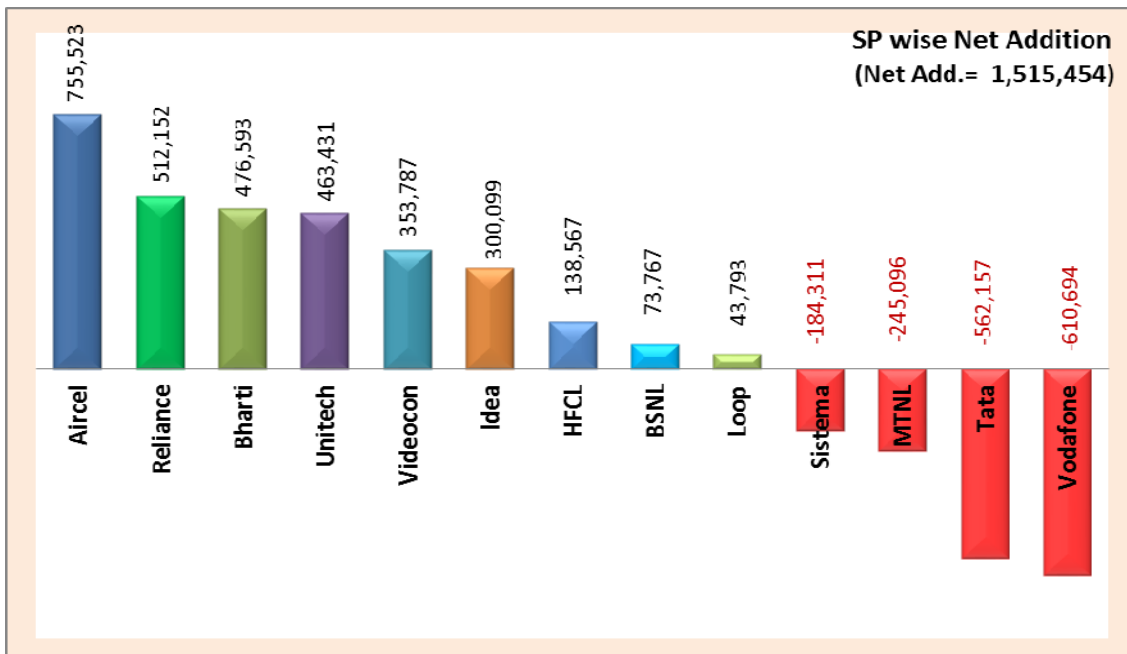
- Wireless subscription in urban areas increased from 522.27 million in June 2013 to 525.78 million at the end of July 2013. The wireless subscription in rural areas decreased from 351.10 million to 349.09 million during the same period. The urban wireless Teledensity has increased from 139.16 to 139.87 whereas rural Teledensity has decreased from 41.14 to 40.88. Detailed statistics is at Annexure I.

- Private operators hold 88.30% of the wireless market share (based on subscriber base) whereas BSNL and MTNL, the two PSU operators hold only 11.70% market share. The graphical presentations of market shares and shares in net additions of all the service providers during the month of July, 2013 are given below:

A. Service Provider wise Market Share as on 31st July, 2013.



B. Service Provider wise net subscriber addition during July 2013

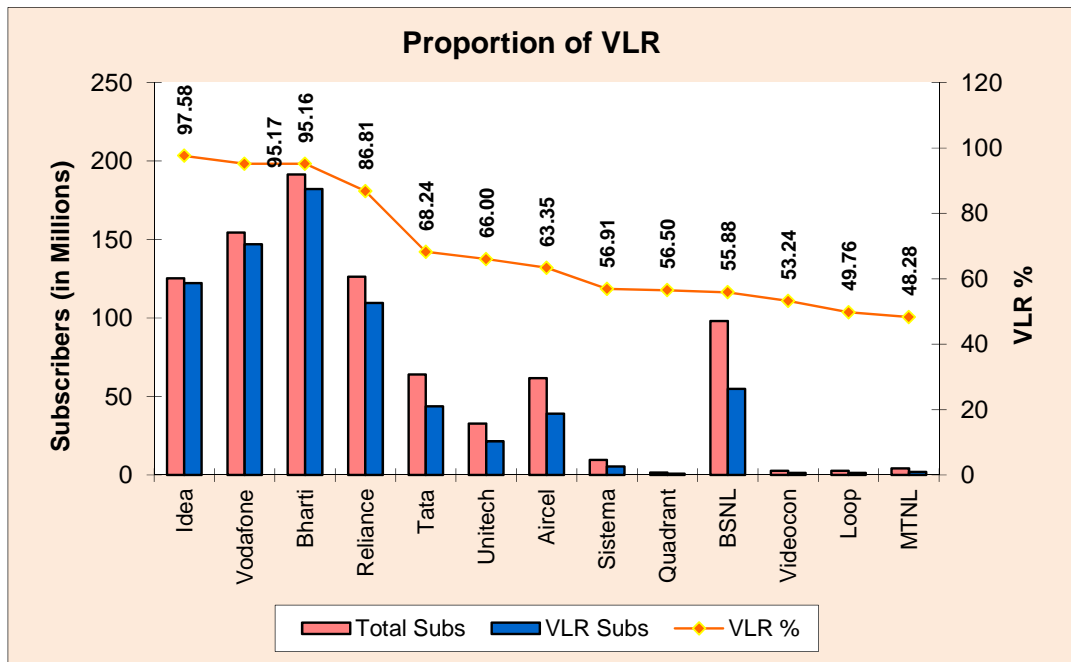


III. VLR Data

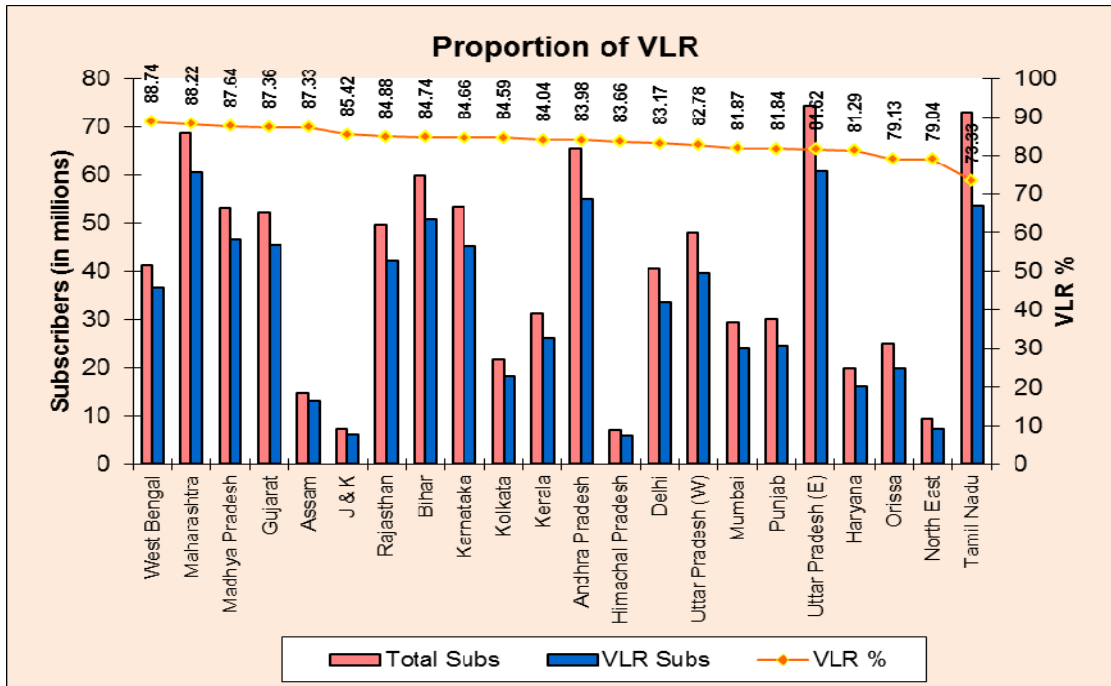
Out of the total 874.87 million wireless subscribers, 731.40million were active on the date of Peak VLR for the month of July 2013. The proportion of VLR subscribers is approximately 83.60% of the total wireless subscriber base reported by the service providers.

Service Provider wise, Idea leads the tally with 97.58% followed by Vodafone(95.17%) and Bharti (95.16%). Circle-wise, West Bengal has the highest proportion of VLR subscribers with 88.74% followed by Maharashtra (88.22%) and Madhya Pradesh (87.64%).TN (incl. Chennai) has the lowest proportion with 73.33%. The detailed statistics of proportionate VLR is at Annexure II & methodology used for reporting subscriber base/active subscribers is at Annexure IV.

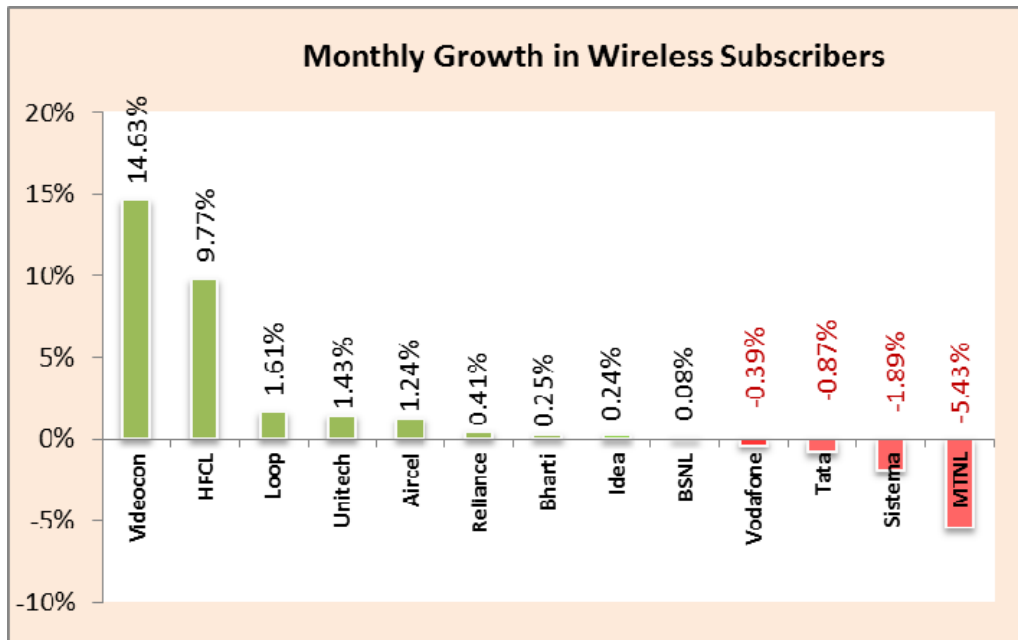
A. Proportion of VLR subscribers (Service Provider wise)



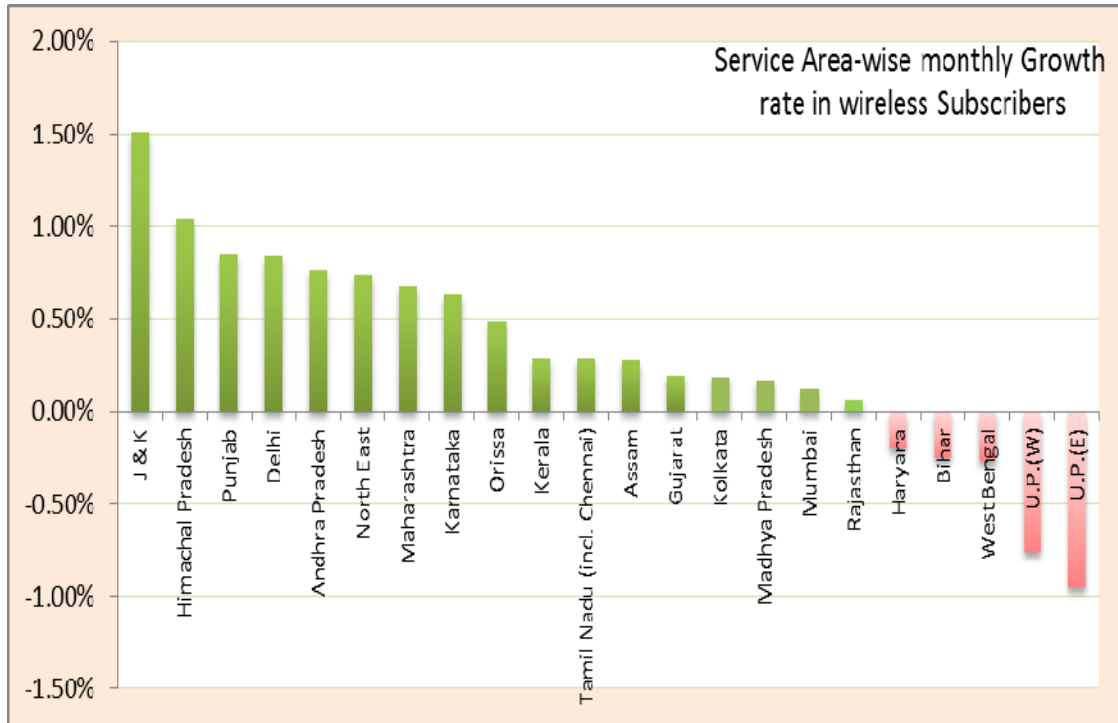
B. Proportion of VLR subscribers (Service Area wise)



C. Service Provider wise monthly growth in total wireless subscribers



D. Service Area wise monthly growth in total wireless subscribers



IV. Mobile Number Portability

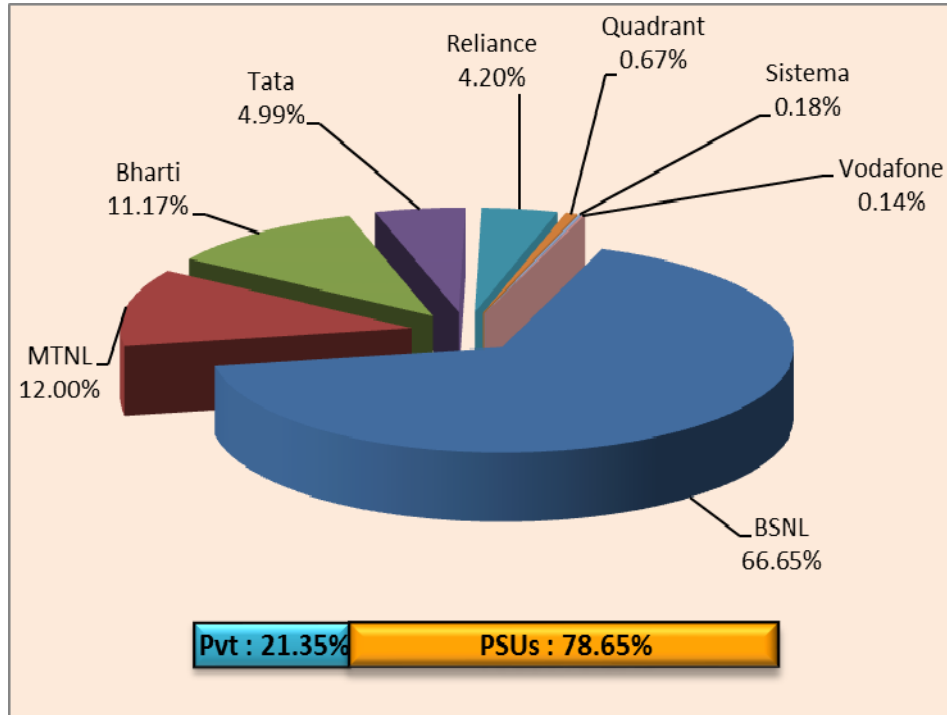
As per the data reported by the service providers, by the end of July 2013 about 97.82million subscribers have submitted their requests to different service providers for porting their mobile number. In MNP Zone-I (Northern & Western India) maximum number of requests have been received in Rajasthan (9.58 million) followed by Gujarat(8.33million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (11.45 million) followed by Andhra Pradesh Service area (8.90 million). In the month of July 2013, total number of subscribers who have submitted their request for MNP is 2.23million. The status of MNP requests in various service areas is given below:

Service Area Wise MNP Status at the end of July2013			
Zone -1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	3415948	Andhra Pradesh	8895555
Gujarat	8329223	Assam	371628
Himachal Pradesh	353087	Bihar	2164279
Haryana	3588516	Karnataka	11449206
Jammu & Kashmir	17264	Kerala	3967547
Maharashtra	7954638	Kolkata	2154380
Mumbai	3765720	Madhya Pradesh	5657022
Punjab	3267069	North East	169848
Rajasthan	9577803	Orissa	2104415
Uttar Pradesh - East	5735636	Tamil Nadu	5777506
Uttar Pradesh - West	5579000	West Bengal	3528507
Total	51,583,904	Total	46,239,893
Total(Zone-1 + Zone-2)			97,823,797
Net Addition (in July 2013)			2,231,954

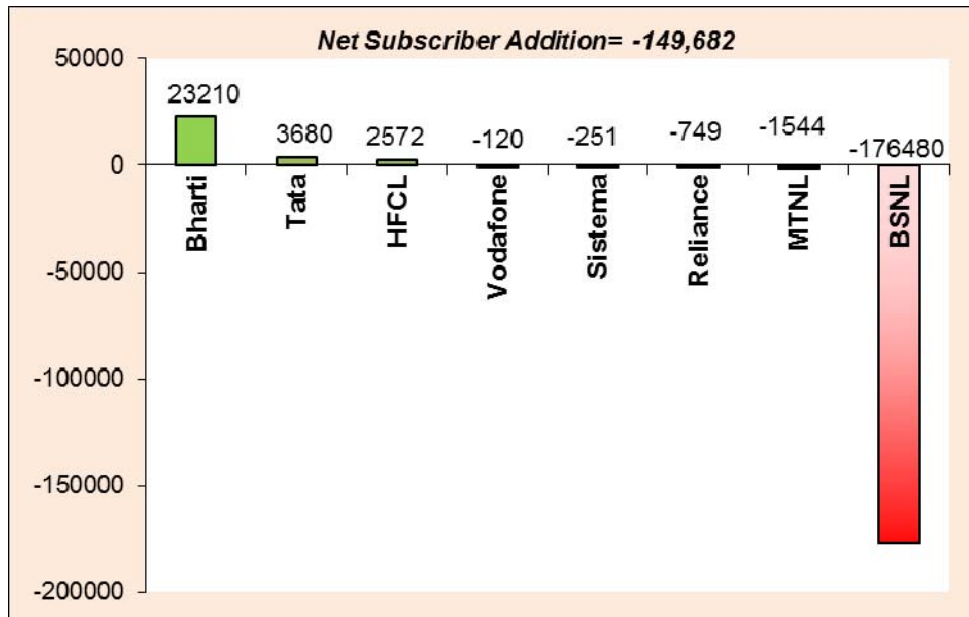
V. Wireline Segment

Wireline subscriber base declined from 29.73million at the end of June 2013 to 29.58 Million at the end of July 2013. Net reduction in wireline subscriber base was 0.15million at the rate of 0.50%. The share of urban subscribers has decreased from 78.11% to 78.00% whereas share of rural subscribers has increased from 21.89% to 22.00%. The overall wireline Teledensityhas decreasedfrom 2.42 in June 2013 to 2.40 in July 2013, with urban and rural Teledensity being 6.14 and 0.76 respectively. BSNL and MTNL, the two PSU operators hold 78.65% of the Wireline market share. Detailed statistics are at Annexure-III. The graphical presentation of market share of all service providers as on 31st July 2013 is given below:

A. Service Provider wise Market Share as on 31st July 2013



E. Wireline Service Provider wise Net addition/decline during July 2013:



VI. Category wise Growth

- As can be seen from the following tables, the Circles in Category A show the highest net addition and the highest rate of monthly growth in subscriber base in wireless segment. In wireline segment, Circles in Category B show the highest reduction and highest rate of decline in subscriber base from June 2013 to July 2013.

Category wise Net Additions and subscriber base

Category	Net Additions during the month of July, 2013		Subscriber Base as on 30 th July, 2013	
	Wireline	Wireless	Wireline	Wireless
Circle A	-60835	1604034	11740325	312721054
Circle B	-76786	-763703	9124082	347475185
Circle C	-6805	260873	1577209	123215596
Metro	-5256	414250	7136064	91466152
All India	-149682	1,515,454	29,577,680	874,877,987

Category-wise Growth Rate in Access Service

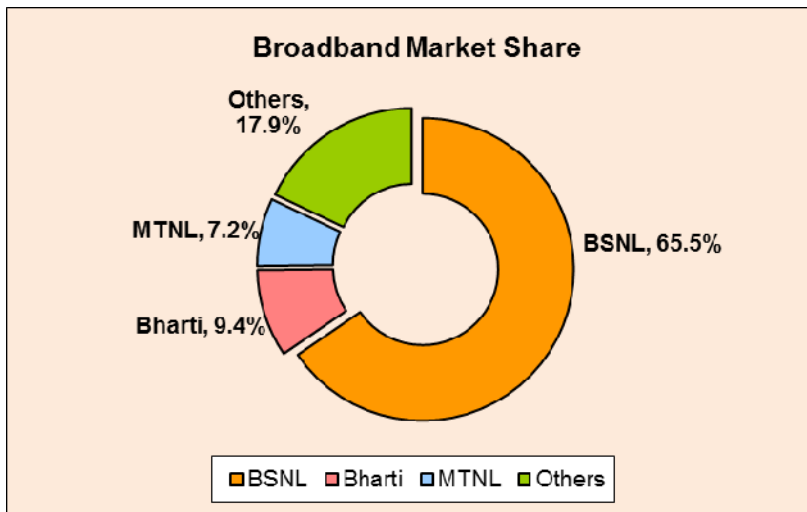
Category	Monthly Rate of Growth (June-2013 to July-2013)		Yearly rate of growth (July-2012 to July-2013)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.52%	0.52%	-4.98%	-3.49%
Circle B	-0.83%	-0.22%	-8.55%	-4.31%
Circle C	-0.43%	0.21%	-17.55%	-1.42%
Metro	-0.07%	0.45%	0.77%	-9.75%
All India	-0.50%	0.17%	-5.59%	-4.23%

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

VII. Broadband (≥ 256 Kbps download)

Total Broadband subscriber base has increased from 15.19million at the end of June 2013 to 15.24 million at the end of July 2013, there by showing a monthly growth of 0.33%. Yearly growth in broadband subscribers is 3.79% during the last one year (July 2012 to July 2013).

As on 31st July 2013, there are 161 Internet Service Providers (ISPs) which are providing broadband services in the country. Out of these,121 ISPs (having 98.48% market share) have provided broadband subscription data for the month of July 2013, for the rest of the ISPs data from previous month has been retained. Top five ISPs in terms of market share (based on subscriber base) are: BSNL (9.97 million), Bharti Airtel (1.43 million),MTNL (1.10 million), Hathway (0.37 million) and You Broadband (0.32 million).



Contact details in case of any clarification:

Manish Sinha, Advisor (F&EA), TRAI
Mahanagar Doorsanchar Bhawan
Jawahar Lal Nehru Marg, Authorised to issue:
New Delhi – 110002,
Ph: 011-23221509
Fax: 011-23236650 (**Manish Sinha**)
E-mail: manishsinha@traai.gov.in **Advisor (F&EA)**

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

Wireless Subscriber Base

Annexure-I

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Circle	Group													
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel		BSNL	
	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13
Andhra Pradesh	18521564	18687740	7007940	7025757	5872710	5867705	6417642	6437001	11569388	11777299	1798359	1850546	9450473	9462258
Assam	4101733	4124458	2921103	2872553	2506043	2527239	0	0	440032	454738	3547608	3573058	1223813	1229270
Bihar	20275101	20336313	9996096	10099084	6910292	6824224	3504814	3435574	6275862	6219068	4711600	4617713	3821580	3796206
Delhi	9407812	9549320	7794512	7799146	8561135	8664884	3032124	2980671	4944716	5041529	2956149	3014411	0	0
Gujarat	7057857	7075725	7193909	7073836	16285515	16345517	2621346	2637561	8466824	8516787	35773	35773	4312377	4312193
Haryana	2314192	2305722	2440545	2338330	4697629	4691657	2668470	2639250	3846587	3832223	11092	11092	3082522	3084036
Himachal Pradesh	2035958	2050762	1568154	1608641	523069	528579	166930	160906	492266	498508	682129	698467	1543631	1539261
J & K	2473706	2491371	645919	661439	660662	670063	0	0	249095	254455	1922242	1963263	1198113	1217294
Karnataka	16355229	16409745	6817531	6845496	6780471	6852639	5816311	5832710	6342955	6445680	1918124	2010834	7087882	7090179
Kerala	3547360	3518732	2977299	3008788	6385292	6401696	1705518	1665553	8161641	8221116	29883	29883	7882689	7945530
Kolkata	3692150	3710519	4297895	4310860	4334706	4360645	2840141	2838353	1371401	1334702	1939653	1971990	2295346	2294715
Madhya Pradesh	10232522	10128619	12810440	13054540	4230893	4121100	3931501	3917536	16070788	15997140	22694	22694	5059649	5100868
Maharashtra	10033460	10099108	8107701	8073865	13644766	13740103	6180796	6098157	16786007	16899373	1246495	1287960	6598621	6514971
Mumbai	3868834	3942595	6073982	6036761	6567520	6668176	3526335	3473845	3099398	3150972	1560725	1661974	0	0
North East	2808177	2812278	934206	972151	1064436	1049370	0	0	315123	323097	2308267	2324182	1769462	1786335
Orissa	7159241	7194822	4008674	4096834	3163939	3134027	2036183	2035310	1067884	1051642	2883004	2920684	4521567	4529455
Punjab	7034838	7040358	3240560	3289915	4483340	4469107	2450093	2452632	5842432	5842055	943240	955204	4403431	4464036
Rajasthan	14720751	14706557	5893323	5947122	9198787	9194199	2661609	2557082	5558442	5593907	3360486	3488364	5961006	5943014
Tamil Nadu (incl. Chennai)	13653229	13747265	6812695	6704745	12431155	12521250	5230421	5229305	2352639	2392102	21586984	21677757	9597419	9623556
U.P.(E)	15578792	15468807	9967960	10021158	15290748	14584301	4199876	4244771	7930109	7732106	4219738	4334816	10427629	10401924
U.P.(W)	6621579	6504354	6839716	6896294	9604292	9422312	3771043	3765261	10972813	10903107	109150	109150	4754430	4743418
West Bengal	9418336	9483844	7382489	7507486	11836468	11784381	1864862	1662380	2811705	2786600	3176579	3165682	2999080	2985968
Total	190912421	191389014	125732649	126244801	155033868	154423174	64626015	64063858	124968107	125268206	60969974	61725497	97990720	98064487
Net Addition		476593		512152		-610694		-562157		300099		755523		73767

Wireless Subscriber Base

Annexure-I

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Circle	Group												Total		
	MTNL		Unitech		Sistema		Loop		Videocon		Quadrant (HFCL)		June-13	July-13	Net Add.
	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13	June-13	July-13	
Andhra Pradesh	0	0	4450683	4474391	0	0	0	0	0	0	0	0	65088759	65582697	493938
Assam	0	0	0	0	0	0	0	0	0	0	0	0	14740332	14781316	40984
Bihar	0	0	4517009	4532902	0	0	0	0	0	0	0	0	60012354	59861084	-151270
Delhi	2601644	2602201	0	0	881544	866151	0	0	0	0	0	0	40179636	40518313	338677
Gujarat	0	0	5084389	5050387	200654	184304	0	0	702642	830170	0	0	51961286	52062253	100967
Haryana	0	0	0	0	0	0	0	0	852520	971242	0	0	19913557	19873552	-40005
Himachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	7012137	7085124	72987
J & K	0	0	0	0	0	0	0	0	0	0	0	0	7149737	7257885	108148
Karnataka	0	0	0	0	1983518	1950734	0	0	0	0	0	0	53102021	53438017	335996
Kerala	0	0	0	0	450599	439481	0	0	0	0	0	0	31140281	31230779	90498
Kolkata	0	0	0	0	778263	767675	0	0	0	0	0	0	21549555	21589459	39904
Madhya Pradesh	0	0	0	0	0	0	0	0	862831	970368	0	0	53221318	53312865	91547
Maharashtra	0	0	5541113	5888346	0	0	0	0	0	0	0	0	68138959	68601883	462924
Mumbai	1909349	1663696	0	0	0	0	2716568	2760361	0	0	0	0	29322711	29358380	35669
North East	0	0	0	0	0	0	0	0	0	0	0	0	9199671	9267413	67742
Orissa	0	0	0	0	0	0	0	0	0	0	0	0	24840492	24962774	122282
Punjab	0	0	0	0	0	0	0	0	0	0	1418027	1556594	29815961	30069901	253940
Rajasthan	0	0	0	0	2163347	2117341	0	0	0	0	0	0	49517751	49547586	29835
Tamil Nadu (incl. Chennai)	0	0	0	0	1161453	1140224	0	0	0	0	0	0	72825995	73036204	210209
U.P.(E)	0	0	7440256	7554439	0	0	0	0	0	0	0	0	75055108	74342322	-712786
U.P.(W)	0	0	5262422	5258838	379458	347253	0	0	0	0	0	0	48314903	47949987	-364916
West Bengal	0	0	0	0	1770490	1771852	0	0	0	0	0	0	41260009	41148193	-111816
Total	4510993	4265897	32295872	32759303	9769326	9585015	2716568	2760361	2417993	2771780	1418027	1556594	873362533	874877987	1515454
Net Addition		-245096		463431		-184311		43793		353787		138567		1515454	

Proportion of VLR on the date of Peak VLR in the month of July, 2013 (%) Annexure-II

Circle	Aircel	Bharti	BSNL	Quadrant (HFCL)	Idea	Loop	MTNL	Reliance	Sistema	Tata	Unitech	Videocon	Vodafone	Total
Andhra Pradesh	52.71	96.70	64.96		97.24			83.29		72.13	57.79		91.19	83.98
Assam	85.10	97.31	70.22		87.10			77.37					93.90	87.33
Bihar	62.41	96.09	51.54		98.61			85.05		58.16	69.45		94.96	84.74
Delhi	63.93	79.31			98.78		46.31	94.92	46.15	66.05			95.12	83.17
Gujarat	72.73	95.75	62.27		97.67			91.86	42.48	65.68	71.66	52.43	93.70	87.36
Haryana	11.90	95.34	51.67		95.84			86.88		64.01		53.84	94.75	81.29
Himachal Pradesh	56.28	95.64	72.24		102.37			82.93		58.66			98.82	83.66
J & K	86.00	97.09	70.78		86.72			60.65					90.90	85.42
Karnataka	54.90	99.06	56.38		95.88			84.46	59.40	76.61			91.89	84.66
Kerala	9.91	98.77	65.26		97.85			72.69	58.13	75.31			91.23	84.04
Kolkata	84.96	96.86	34.06		92.20			94.75	56.64	81.42			95.19	84.59
Madhya Pradesh	15.30	95.72	56.51		102.91			82.16		70.57		53.32	89.10	87.64
Maharashtra	48.39	97.77	72.90		99.24			89.90		76.94	53.36		97.59	88.22
Mumbai	58.25	95.92			88.64	49.76	51.35	95.87		68.19			91.61	81.87
North East	74.14	97.67	52.02		81.40			323.70					86.86	79.04
Orissa	63.95	96.59	58.89		81.81			72.03		72.42			88.92	79.13
Punjab	44.87	95.02	53.28	56.50	94.54			169.75		64.14			93.68	81.84
Rajasthan	73.12	93.26	46.61		100.82			93.90	52.91	66.76			97.53	84.88
Tamil Nadu (incl. Chennai)	56.53	94.54	48.35		81.54			88.03	55.90	62.31			95.11	73.33
U.P. (E)	68.05	95.48	43.93		99.72			82.62		57.75	69.71		100.69	81.62
U.P. (W)	34.45	88.63	47.78		96.68			84.78	43.25	58.67	73.39		95.68	82.78
West Bengal	62.47	97.75	58.73		92.55			92.88	68.84	63.69			99.15	88.74
Total	63.35	95.16	55.88	56.50	97.58	49.76	48.28	86.81	56.91	68.24	66.00	53.24	95.17	83.60

Wireline Subscriber Base

Annexure-III

Circle	Group																	Net Add.	
	BSNL		MTNL		Bharti		Reliance		Tata		Quadrant (HFCL)		Sistema		Vodafone		Total		
	May-13	Jul-13	May-13	Jul-13	Jun-13	Jul-13	Jun-13	Jul-13	Jun-13	Jul-13	Jun-13	Jul-13	Jun-13	Jul-13	Jun-13	Jul-13	Jun-13		Jul-13
Andhra Pradesh	1800852	1780858			126070	126674	89120	88906	164413	163471					5,850	5,700	2186305	2165609	-20696
Assam	192684	192105													660	720	193344	192825	-519
Bihar	374935	374202					5492	5508	10662	10676					210	210	391299	390596	-703
Delhi			1599376	1599719	1085845	1091612	183362	183471	91516	91940					12,990	13,830	2973089	2980572	7483
Gujarat	1520502	1513277			55573	55843	98027	97547	71490	71716					540	570	1746132	1738953	-7179
Haryana	485,272	479,607			23989	24068	5370	5384	25095	25437					60	0	539786	534496	-5290
Himachal Pradesh	262,945	260,477					4578	4620	2425	2430							269948	267527	-2421
J & K	193,864	192,623						0									193864	192623	-1241
Karnataka	1649152	1635253			493328	495707	114433	115039	144208	146902					4,290	4,080	2405411	2396981	-8430
Kerala	2912288	2897991			56059	56296	53565	53334	11513	11605							3033425	3019226	-14199
Kolkata	906311	896209			94240	94753	81165	81214	36533	36519					1,560	1,380	1119809	1110075	-9734
Madhya Pradesh	830182	829865			242513	243615	26291	26038	16225	16533					150	120	1115361	1116171	810
Maharashtra	1983732	1969776			70533	70863	100107	99833	242966	244832					3,000	3,000	2400338	2388304	-12034
Mumbai			1950514	1948627	332811	334451	232478	232688	524879	522091					7,740	7,560	3048422	3045417	-3005
North East	168172	168348															168172	168348	176
Orissa	357007	354764					3622	3628	6458	6568					300	330	367387	365290	-2097
Punjab	957611	947437			106221	106673	25069	24912	16793	16897	195889	198461			390	300	1301973	1294680	-7293
Rajasthan	870498	863610			39477	39652	24361	24326	7003	7385			53628	53377	360	390	995327	988740	-6587
Tamil Nadu (incl. Chennai)	2358845	2337138			480261	489572	147459	147242	73229	73556					3180	2970	3062974	3050478	-12496
U.P.(E)	904190	886296			50714	50962	40362	40395	13548	13750					480	450	1009294	991853	-17441
U.P.(W)	628187	624982			24378	24481	5874	5890	8095	8436					240	270	666774	664059	-2715
West Bengal	533067	508998					2099	2110	3762	3749							538928	514857	-24071
Total	19890296	19713816	3549890	3548346	3282012	3305222	1242834	1242085	1470813	1474493	195889	198461	53628	53377	42000	41880	29727362	29577680	-149682
Net Addition		-176480		-1544		23210		-749		3680		2572		-251		-120		-149682	

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.
