



TELECOM REGULATORY AUTHORITY OF INDIA

New Delhi, 3rd May, 2012
(www.trai.gov.in)



Highlights on Telecom Subscription Data as on 31st March 2012

Particulars	Wireless	Wireline	Total Wireless+Wireline
Total Subscribers (Millions)	919.17	32.17	951.34
Total Net Addition (Millions)	8.00	-0.15	7.85
Monthly Growth (%)	0.88%	-0.48%	0.83%
Urban Subscribers (Millions)	595.90	24.62	620.53
Urban Subscribers Net Addition (Millions)	1.79	-0.08	1.71
Monthly Growth (%)	0.30%	-0.33%	0.28%
Rural Subscribers (Millions)	323.27	7.55	330.82
Rural Subscribers Net Addition (Millions)	6.21	-0.07	6.14
Monthly Growth (%)	1.96%	-0.96%	1.89%
Overall Teledensity*	76.00	2.66	78.66
Urban Teledensity*	162.82	6.73	169.55
Rural Teledensity*	38.33	0.89	39.22
Share of Urban Subscribers	64.83%	76.54%	65.23%
Share of Rural Subscribers	35.17%	23.46%	34.77%

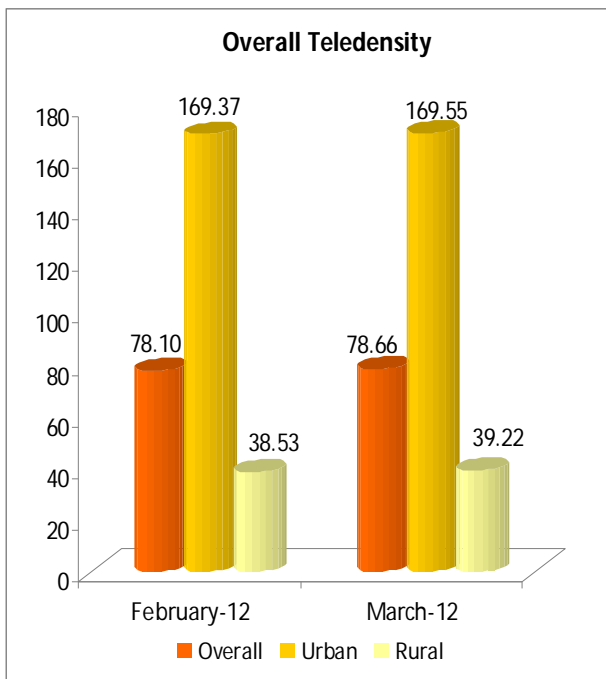
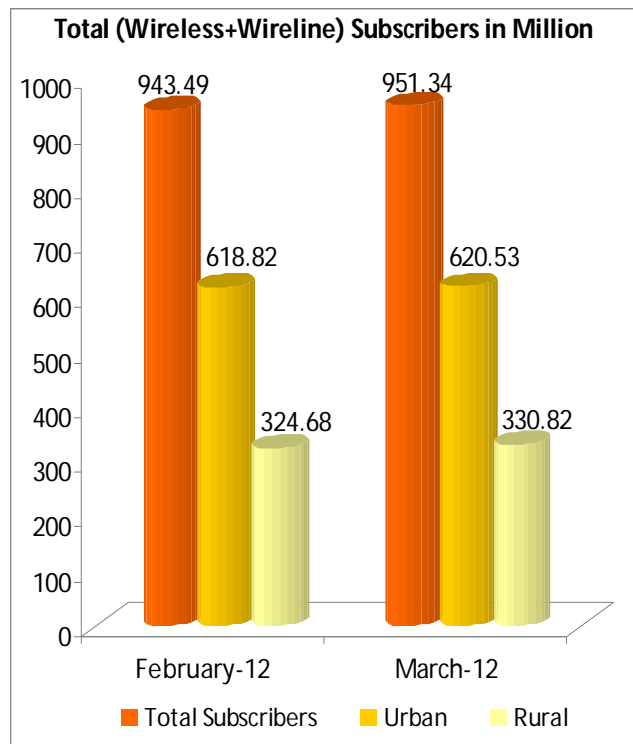
- ❖ Mobile Number Portability requests increased from 37.11 million subscribers at the end of February 2012 to 41.88[^] million at the end of March 2012. In the month of March 2012 alone, 4.76 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in March 2012 are 683.02 Million, 74.31% of the total subscribers.
- ❖ Broadband subscription reached 13.79 Million in March 2012 from 13.54 Million in February 2012.

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

[^] Total 41.876 million MNP requests.

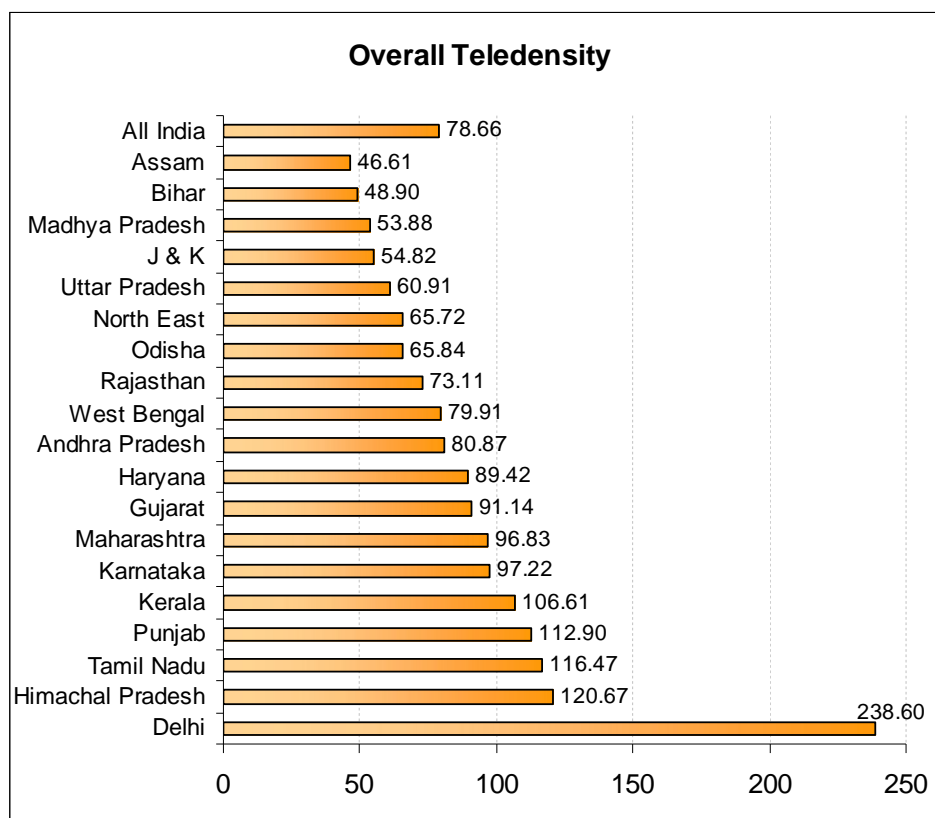
I. Total Telephone Subscribers

- The number of telephone subscribers in India increased to 951.34 Million at the end of March, 2012 from 943.49 Million at the end of February 2012, thereby registering a growth rate of 0.83%. The share of Urban subscribers has declined to 65.23% from 65.59% whereas share of Rural Subscribers has increased to 34.77% in the month of March 2012. With this, the overall Tele-density in India reaches to 78.66 at the end of March, 2012 from 78.10 of the previous month.



- Subscription in Urban Areas grew from 618.82 million in February, 2012 to 620.53 million at the end of March, 2012. Subscription in Rural Areas increased from 324.68 million to 330.82 million during the same period. The growth of Urban and Rural Subscription is 0.28% and 1.89% respectively. The overall Urban teledensity has increased from 169.37 to 169.55 and Rural teledensity increased from 38.53 to 39.22.

Overall Teledensity (Circle Wise)



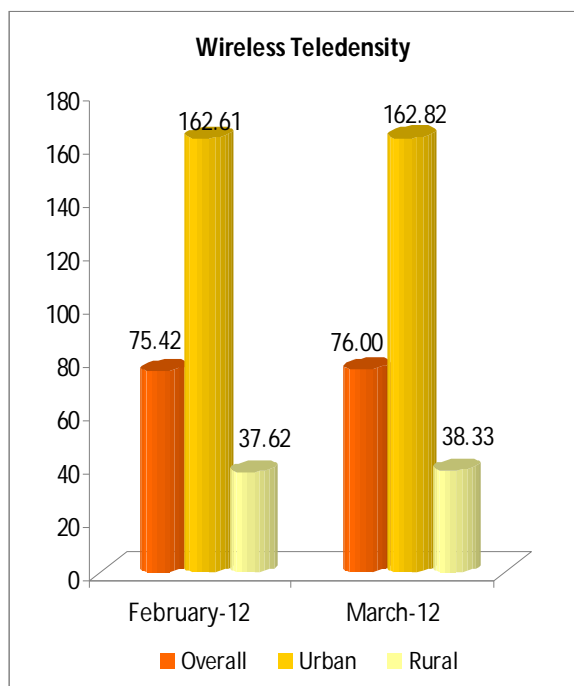
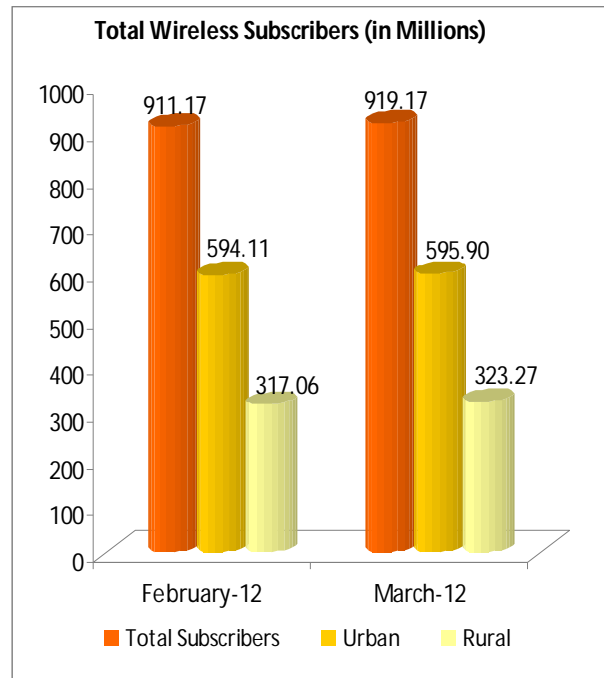
* Population data/Projections are available state wise only.

Notes:

1. 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.
2. 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).

II. Wireless Segment (GSM, CDMA & FWP)

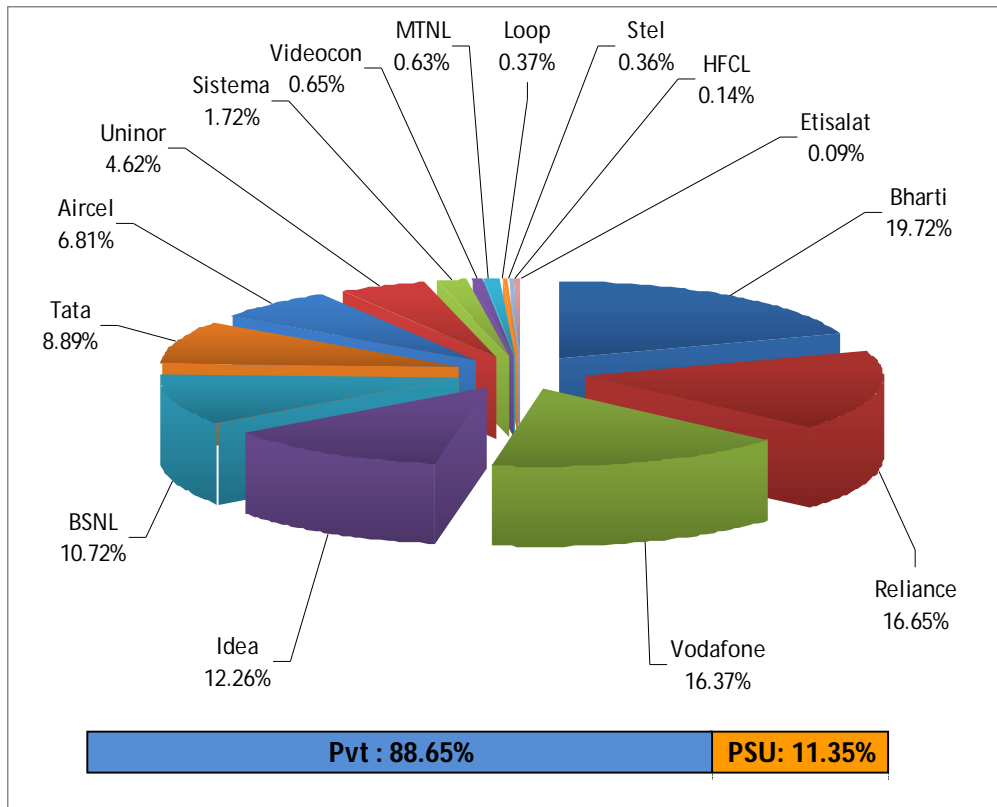
- Total Wireless subscriber base increased from 911.17 Million in February 2012 to 919.17 Million at the end of March 2012, registering a growth of 0.88%. The share of Urban Subscriber has decreased from 65.20 % to 64.83% where as share of Rural Subscribers has increased from 34.80% to 35.17%. The overall wireless Tele density in India reaches 76.00.



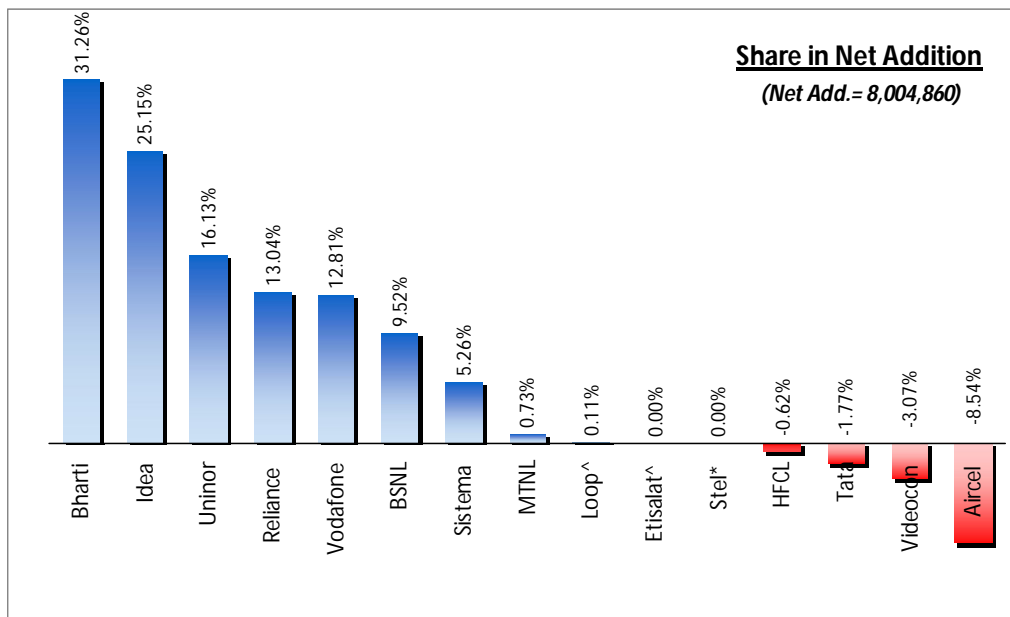
- Wireless subscription in Urban Areas increased from 594.11 million in February 2012 to 595.90 million at the end of March 2012. The subscription in Rural Areas increased from 317.06 million to 323.27 million during the same period. This shows higher growth in Rural Subscription (1.96%) than Urban Subscription (0.30%). The Urban wireless teledensity has increased from 162.61 to 162.82 and Rural teledensity has increased from 37.62 to 38.33. Detailed statistics is at Annexure I.

- Private operators hold 88.65% of the wireless market share where as BSNL and MTNL, two PSU operators hold only 11.35% market share. The graphical presentations of market shares and shares in net additions of all the service providers during the month of March, 2012 are given below:

A. Service Provider wise Market Share as on 31st March, 2012.



B. Service Providers' share in net additions during March 2012



* The figures of M/s S Tel are taken as on January 2012.

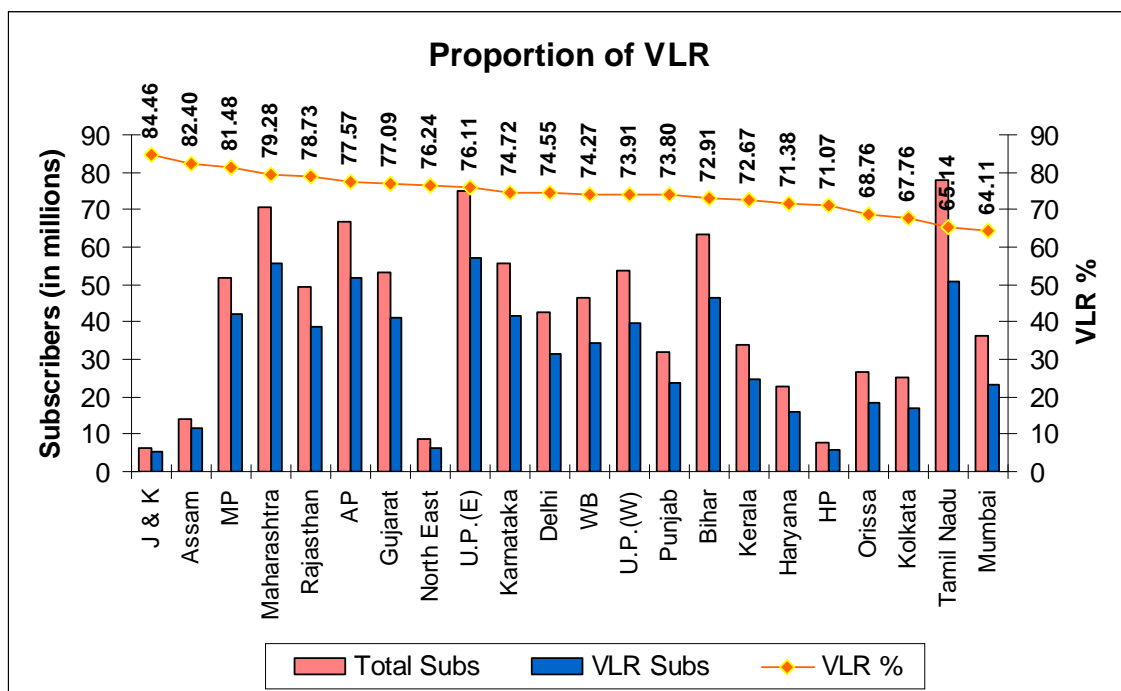
^ The figures for M/s Etisalat and M/s Loop (except Mumbai) are taken as on February 2012.

III. VLR Data

Out of the total 919.17 Million wireless subscribers, 683.02 Million were active on the date of Peak VLR for the month of March 2012*. The proportion of VLR subscribers is approximately 74.31% of the total wireless subscriber base reported by the service providers.

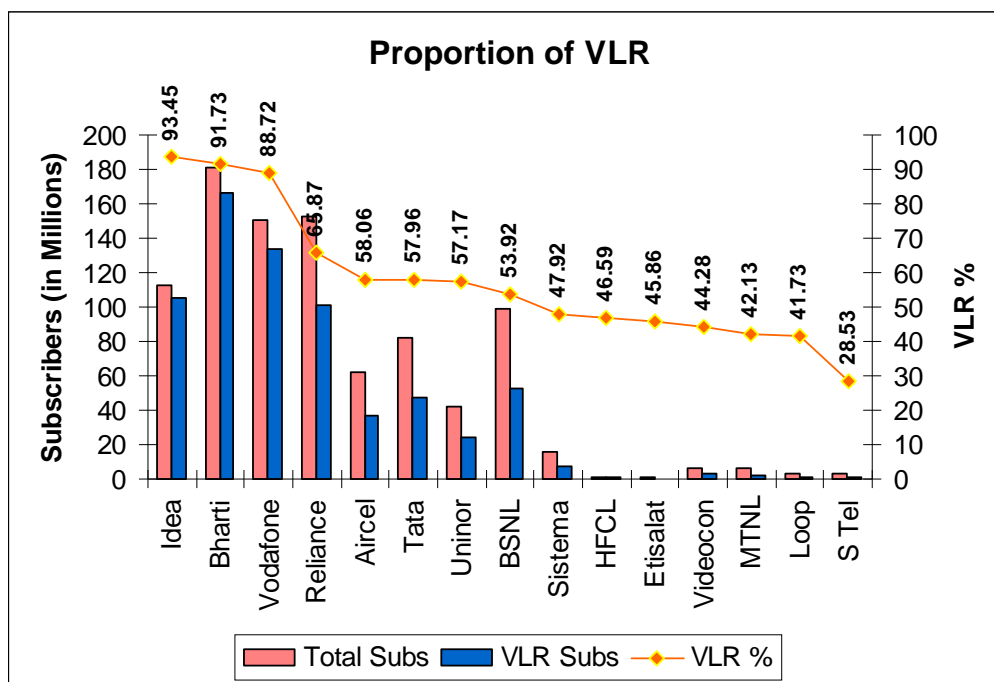
Circle-wise, J&K has the highest proportion of VLR subscribers with 84.46% followed by Assam (82.40%) and MP (81.48 %); Mumbai has the lowest proportion with 64.11%. Service Provider wise, Idea leads the tally with 93.45% followed by Bharti (91.73%); STel is at the bottom with 28.53%. The detailed statistics of proportionate VLR is at Annexure II & methodology used for reporting subscriber base/active subscribers is at Annexure IV.

Proportion of VLR subscribers (Circle wise)



* The total active VLR number excludes the CDMA VLR figure of BSNL, as the service provider has not provided the VLR figures of their total CDMA subscriber base of 4.10 million.

Proportion of VLR subscribers (Service Provider wise)



Note: Due to non-submission of data for March, 2012, the figures for M/s S Tel are taken as on January 2012 and the figures for M/s Etisalat and M/s Loop (except Mumbai) are taken as on February 2012. The total active VLR number excludes the CDMA VLR figure of BSNL, as the service provider has not provided the VLR figures of their total CDMA subscriber base of 4.10 million.

IV. Mobile Number Portability

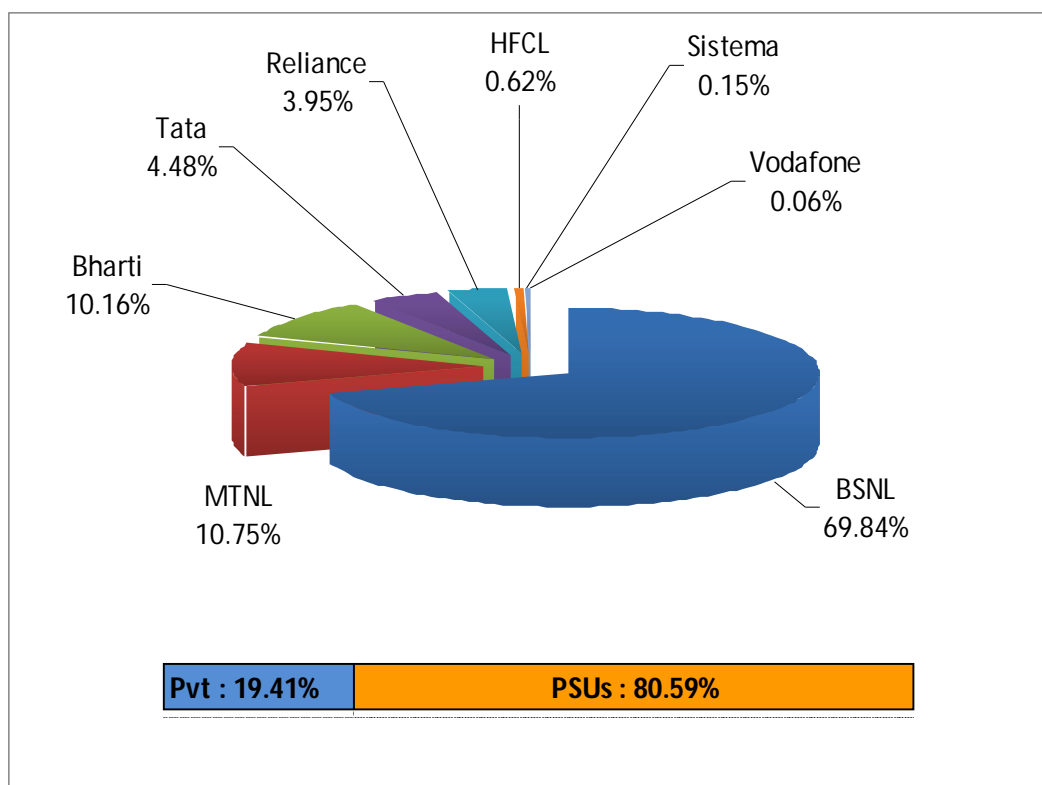
As per the data reported by the service providers, by the end of March 2012 about 41.88 million subscribers have submitted their requests to different service providers for porting their mobile number. In MNP Zone-I (Northern & Western India) maximum number of requests have been received in Gujarat (3.88 million) followed by Rajasthan (3.71 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (4.53 million) followed by Andhra Pradesh Service area (3.99 million). In the month of March 2012, total number of subscribers who have submitted their request for MNP is 4.76 million. The status of MNP requests in various service areas is given below:

Service Area Wise MNP Status at the end of March, 2012			
Zone -1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	1748385	Andhra Pradesh	3986429
Gujarat	3885145	Assam	116593
Himachal Pradesh	175408	Bihar	849407
Haryana	1823692	Karnataka	4529287
Jammu & Kashmir	6762	Kerala	2066487
Maharashtra	3311366	Kolkata	871537
Mumbai	1459797	Madhya Pradesh	2501550
Punjab	1603051	North East	41607
Rajasthan	3710064	Orissa	863077
Uttar Pradesh - East	2348832	Tamil Nadu	2458855
Uttar Pradesh - West	2323789	West Bengal	1194885
Total	22396291	Total	19479714
Total (Zone-1 + Zone-2)			41876005
Net Addition (in March 2012)			4764758

v. Wireline Segment

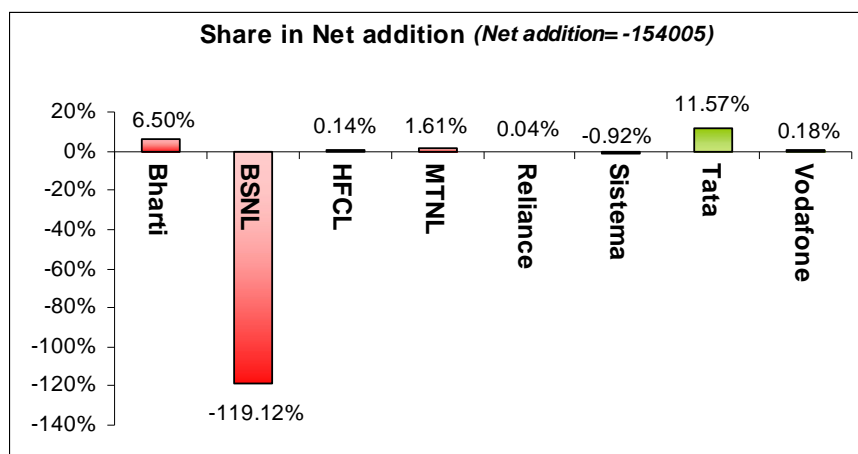
Wireline subscriber base declined from 32.33 Million at the end of February 2012 to 32.17 Million at the end of March 2012. The share of Urban Subscribers has increased from 76.43% to 76.54% where as share of Rural Subscribers has declined from 23.57% to 23.46%. The overall wireline teledensity has marginally decreased from 2.68 in February 2012 to 2.66 in March 2012, with urban and rural teledensity being 6.73 and 0.89 respectively. BSNL and MTNL, two PSU operators hold 80.59% of the Wireline market share. Detailed statistics is at Annexure-III. The graphical presentation of market share of all service providers as on 31st March 2012 is given below:

A. Service Provider wise Market Share as on 31st March 2012



Note: Fixed line subscriber base corresponding to Vodafone is for corporate customers, which they have started reporting to TRAI from February 2012.

B. Wireline Service Providers' share in net addition during March 2012:



VI. Category wise Growth

- From the below tables, Circle B shows the highest net addition and Circle C shows the highest rate of monthly growth in the wireless sector from February 2012 to March 2012.

Category wise Net Additions and subscriber base

Category	Net Additions during the month of March, 2012		Subscriber Base as on 31 st March, 2012	
	Wireline	Wireless	Wireline	Wireless
Circle A	129715	2000986	12885073	324011053
Circle B	-76306	3669273	10337655	364293416
Circle C	-1724	1768173	2067983	127104517
Metro	-205689	566428	6880760.4	103764067
All India	-154005	8004860	32171471	919173053

Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (Feb-2012 to Mar-2012)		Yearly rate of growth (Mar-2011 to Mar-2012)	
	Wireline	Wireless	Wireline	Wireless
Circle A	1.02%	0.62%	-3.62%	12.33%
Circle B	-0.73%	1.02%	-8.36%	14.36%
Circle C	-0.08%	1.41%	-27.39%	17.93%
Metro	-2.90%	0.55%	-4.85%	7.16%
All India	-0.48%	0.88%	-7.37%	13.26%

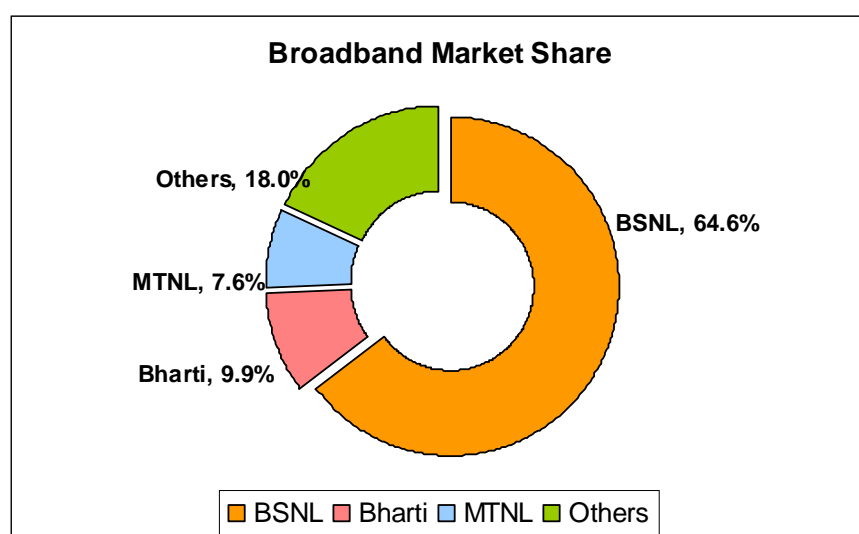
- Metros indicate data for Delhi, Mumbai & Kolkata. Data for Chennai service area has been included in Circle A, as part of TN

VII. Broadband (≥ 256 Kbps download)

Total Broadband subscriber base has increased from 13.54 million at the end of February 2012 to 13.79 million at the end of March 2012, thereby showing a monthly growth of 1.86%. Yearly growth in broadband subscribers is 14.80% during the last one year (March 2011 to March 2012).

As on 31st March 2012, there are 155 Internet Service Providers (ISPs) which are providing broadband services in the country. Top three ISPs in terms of market share are: BSNL, Bharti Airtel and MTNL.

Note: Monthly Broadband Report for March, 2012 had been received from 97 ISPs only till the compilation of this report. For the remaining ISPs, previous month's data has been taken.



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Authorised to issue:

(Raj Pal)
Advisor (ER)

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

Wireless Subscriber Base

Annexure-I

Page 1 of 3

Circle	Group											
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel/Dishnet	
	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12
Andhra Pradesh	18005577	18282922	9443471	9472249	6624192	6379503	7697402	7697911	9874869	9985448	1877284	1582293
Assam	3604326	3683492	2771995	2879433	2000504	2148285	127528	127909	298823	312629	3700224	3709165
Bihar	17075806	17441979	9491206	9601770	5887902	6003373	4966124	4964805	5598131	5724011	5135743	5263373
Delhi	8666307	8748943	8653048	8770233	8415704	8623098	4640386	4570698	4736999	4764047	2444970	2523574
Gujarat	6867664	6910061	8309872	8413551	15947610	16006620	3754102	3742365	7944883	8202321	625241	686314
Haryana	2349201	2433163	4265016	4261883	4368831	4451590	2848288	2884838	3559508	3767079	594308	606727
Himachal Pradesh	1806122	1840093	1837334	1885524	433969	453344	399813	402283	442471	461183	725663	717917
J & K	2052589	2080761	537378	544408	700996	706043	118169	117824	170863	181623	1606563	1629554
Karnataka	15353628	15390479	8069504	8158890	6684965	6767428	7101538	7301134	5599658	5668560	1700038	1221163
Kerala	3507520	3532664	4266119	4290886	5838915	5853924	2391961	2452586	7398445	7442315	2351517	1832283
Kolkata	3830230	3863693	5403634	5279534	4419352	4324323	3029610	3064748	1283469	1324453	1792172	1880204
Madhya Pradesh	9635114	9671545	12288542	12227971	4005622	4106915	4957233	4840432	13532307	13737890	862474	934803
Maharashtra	9646997	9840242	10901353	10957137	12853290	12951300	8676060	8702113	15139241	15174315	1222626	1242907
Mumbai	3719123	3729476	8714220	8769707	5902412	5802365	4673113	4644191	2866050	2850249	1252429	1226795
North East	2228206	2277584	955146	976948	928000	913301	75407	75173	195971	203645	2377169	2422955
Odisha	6175241	6326761	4699435	4617540	2552046	2562064	2515623	2517296	1028637	1015556	2873435	2909901
Punjab	6944261	6951290	4953072	4956519	4504979	4534702	3168079	3125320	5365154	5443540	889984	912849
Rajasthan	14011209	14388921	7694048	7710607	9257085	9378140	3802547	3751289	3950149	4146287	1523698	1710143
Tamil Nadu (incl. Chennai)	13292922	13385887	8742594	8780985	12248080	12317698	4549243	4537493	2084095	2120156	22074747	21651967
U.P.(E)	14295939	14693835	12586458	12815136	14689390	14934620	4659549	4647678	7310273	7660386	2460822	2612007
U.P.(W)	6631344	6646966	9797371	9891891	9504231	9534452	4736206	4671999	10214038	10314303	2103031	2194619
West Bengal	9077805	9158539	7620750	7782890	11672101	11712242	2999751	2905712	2115580	2222696	3061930	3101066
Total	178777131	181279296	152001566	153045692	149440176	150465330	81887732	81745797	110709614	112722692	63256068	62572579
Net Addition		2502165		1044126		1025154		-141935		2013078		-683489

					Wireless Subscriber Base						Annexure-I	
					Page 2 of 3							
	Group											
Circle	BSNL		MTNL		Uninor		Sistema		Loop^		Videocon	
	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12
Andhra Pradesh	8949035	9020241	0	0	3468012	3724608	621737	655133	0	0	10933	10933
Assam	1250394	1265379	0	0	172	273	1229	1193	325	325	0	0
Bihar	6110271	6134678	0	0	4655224	4664653	1580729	1615323	364	364	20095	20094
Delhi	0	0	2851834	2885959	0	0	1127867	1179004	0	0	0	0
Gujarat	4187494	4232626	0	0	3463080	3731428	142587	157323	73	73	1318783	1222364
Haryana	2986988	2998922	0	0	273	432	206924	220922	88	88	923538	925500
Himachal Pradesh	1709085	1677576	0	0	94	122	544	127	0	0	78709	78241
J & K	1036358	1046435	0	0	75	165	297	22	0	0	0	0
Karnataka	6759761	6914688	0	0	1986471	2084904	2127990	2180666	653	653	11900	11189
Kerala	7046043	7112450	0	0	713853	700122	630758	640096	0	0	240595	153351
Kolkata	2413871	2426278	0	0	1761685	1957168	841383	863204	2369	2369	4152	4151
Madhya Pradesh	4725504	4819853	0	0	845	1076	2071	2324	307	307	1234316	1243694
Maharashtra	6121687	6226065	0	0	4507648	4610448	731410	735759	413	413	13830	13118
Mumbai	0	0	2921883	2946439	1481997	1461112	503662	524083	3252030	3261069	1024215	925437
North East	1587344	1616348	0	0	62	65	205	174	41	41	0	0
Odisha	4371415	4444614	0	0	1379335	1379320	519	580	965	965	10673	10673
Punjab	4727579	4687337	0	0	399	606	808	891	145	145	0	0
Rajasthan	5656771	5651850	0	0	645	903	2355410	2391815	421	421	10849	10832
Tamil Nadu (incl. Chennai)	9597504	9722314	0	0	1998367	2143260	1752738	1728581	0	0	1248902	1276541
U.P.(E)	10157472	10116763	0	0	6973229	7022779	487100	529153	0	0	16719	16712
U.P.(W)	4773450	4800137	0	0	4848913	5013924	492396	540239	8	8	8825	8477
West Bengal	3583168	3598434	0	0	3900324	3934556	1773784	1836427	0	0	20575	20281
Total	97751194	98512988	5773717	5832398	41140703	42431924	15382148	15803039	3258202	3267241	6197609	5951588
Net Addition		761794		58681		1291221		420891		9039		-246021

Wireless Subscriber Base

Page 3 of 3

Annexure-I

Circle	Group						Total		
	S-Tel*		HFCL		Etisalat^		Total		Net Add.
	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	
Andhra Pradesh	0	0		0	16217	16217	66588729	66827458	238729
Assam	79992	79992		0	0	0	13835512	14208075	372563
Bihar	2029624	2029624		0	16974	16974	62568193	63481021	912828
Delhi	0	0		0	423731	423731	41960846	42489287	528441
Gujarat	0	0		0	16840	16840	52578229	53321886	743657
Haryana	0	0		0	7161	7161	22110124	22558305	448181
Himachal Pradesh	454924	454924		0	0	0	7888728	7971334	82606
J & K	0	0		0	0	0	6223288	6306835	83547
Karnataka	0	0		0	14240	14240	55410346	55713994	303648
Kerala	0	0		0	5435	5435	34391161	34016112	-375049
Kolkata	0	0		0	0	0	24781927	24990125	208198
Madhya Pradesh	0	0		0	35557	35557	51279892	51622367	342475
Maharashtra	0	0		0	15568	15568	69830123	70469385	639262
Mumbai	0	0		0	143732	143732	36454866	36284655	-170211
North East	32083	32083		0	0	0	8379634	8518317	138683
Odisha	833665	833665		0	0	0	26440989	26618935	177946
Punjab	0	0	1379754	1329910	8986	8986	31943200	31952095	8895
Rajasthan	0	0		0	18756	18756	48281588	49159964	878376
Tamil Nadu (incl. Chennai)	0	0		0	13448	13448	77602640	77678330	75690
U.P.(E)	0	0		0	25300	25300	73662251	75074369	1412118
U.P.(W)	0	0		0	20346	20346	53130159	53637361	507202
West Bengal	0	0		0	0	0	45825768	46272843	447075
Total	3430288	3430288	1379754	1329910	782291	782291	911168193	919173053	8004860
Net Addition		0		-49844		0		8004860	

Note:

* Due to non-submission of data for March, 2012, the figures for M/s S Tel are taken as on January 2012.

^ Due to non-submission of data for March, 2012, the figures for M/s Etisalat and M/s Loop (except Mumbai) are taken as on February 2012.

Proportion of VLR on the date of Peak VLR in the month of March, 2012 (%) Annexure-II

Circle	Aircel	Bharti	BSNL (Except CDMA)	Etisalat^	HFCL	Idea	Loop^	MTNL	Reliance	S Tel*	Sistema	Tata	Uninor	Videocon	Vodafone	Total
Andhra Pradesh	74.69	94.93	73.79	0.06		93.54			57.48		56.98	63.30	56.81	3.48	70.52	77.57
Assam	79.00	97.41	68.27			94.20	7.69		69.35	52.77	94.47	72.02			88.34	82.40
Bihar	46.26	96.08	35.27	9.24		96.43			73.91	24.58	38.28	49.33	58.17	7.20	100.47	72.91
Delhi	53.12	82.07		64.97		87.00		53.19	77.63		27.02	49.75			90.43	74.55
Gujarat	80.24	87.83	58.04	1.66		90.81			63.67		42.88	61.81	57.64	50.29	87.95	77.09
Haryana	35.97	93.16	51.84			90.44			52.68			61.51		43.03	93.94	71.38
Himachal Pradesh	60.13	95.95	62.63			97.92			61.64		74.8	35.90		12.56	102.18	71.07
J & K	84.96	97.04	67.72			91.77			72.39			67.89			81.24	84.46
Karnataka	55.05	93.66	53.53	1.10		91.30			64.74		60.33	62.05	49.97	0.46	78.74	74.72
Kerala	54.87	85.49	64.44	3.55		95.13			56.45		48.07	58.41	36.41	35.88	83.54	72.67
Kolkata	53.47	85.95	33.77			72.25	2.15		70.16		52.49	69.13	44.58		85.14	67.76
Madhya Pradesh	55.43	91.61	54.19	3.57		101.54	36.48		74.61		48.92	68.93		45.02	75.47	81.48
Maharashtra	42.02	85.28	67.30	0.71		97.20			65.21		50.54	63.81	66.72	1.78	91.61	79.28
Mumbai	55.25	84.99		54.99		82.70	41.79	31.29	69.67		25.91	47.52	59.34	50.15	84.63	64.11
North East	69.42	96.72	61.40			89.64	9.76		59.58	33.24		74.05			86.03	76.24
Orissa	51.43	94.69	57.90			66.63	2.07		63.09	28.88	98.45	56.59	54.75	0.64	87.13	68.76
Punjab	55.77	91.51	51.69	0.23	46.59	90.76	13.10		54.71		41.08	57.71			92.90	73.80
Rajasthan	90.04	92.83	50.45	0.00		107.50	15.20		62.16		45.89	55.51		5.02	90.88	78.73
Tamil Nadu	53.25	94.05	45.74	1.61		65.73			54.38		49.42	57.19	43.54	41.38	88.93	65.14
U.P.(E)	72.02	95.98	43.60	0.39		93.02			67.55		43.26	53.88	63.44	8.44	92.23	76.11
U.P.(W)	60.44	80.52	47.97	0.74		94.56			62.51		45.54	55.07	57.30	4.68	94.74	73.91
West Bengal	53.42	89.04	48.83			79.48			75.87		61.26	40.18	54.58	1.80	91.24	74.27
Total	58.06	91.73	53.92	45.86	46.59	93.45	41.73	42.13	65.87	28.53	47.92	57.96	57.17	44.28	88.72	74.31

Note:

* Due to non-submission of data for March, 2012, the figures for M/s S Tel are taken as on January 2012.

^ Due to non-submission of data for March, 2012, the figures for M/s Etisalat and M/s Loop (except Mumbai) are taken as on February 2012.

Wireline Subscriber Base

Annexure-III

Circle	Group																Total		Net Add.
	BSNL		MTNL		Bharti		Reliance		Tata		HFCL		Sistema		Vodafone				
	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	Feb-12	Mar-12	
Andhra Pradesh	1967206	1970060			125070	125358	88795	88960	172718	175835					750	780	2354539	2360993	6454
Assam	228179	227229							2582	2625							230761	229854	-907
Bihar	594198	595139					4859	4859	9730	10325							608787	610323	1536
Delhi			1559242	1563034	1074222	1079056	183027	183355	78189	79752					7710	7740	2902390	2912937	10547
Gujarat	1619725	1598630				55006	55259	109943	109190	66760	67788				30	30	1851464	1830897	-20567
Haryana	545324	542975			23813	23891	4956	4969	19689	20046							593782	591881	-1901
Himachal Pradesh	304013	301845					4462	4462	1903	1991							310378	308298	-2080
J & K	204165	203969							334	343							204499	204312	-187
Karnataka	1976209	1963247			489640	490490	110590	110636	123100	125082					1590	1620	2701129	2691075	-10054
Kerala	3073401	3065384			55487	55778	56202	56298	12317	12336							3197407	3189796	-7611
Kolkata	969509	975123			92335	93648	81377	81175	31082	32225					690	690	1174993	1182861	7868
Madhya Pradesh	848544	851068			240379	311302	35032	34574	10990	11893					30	30	1134975	1208867	73892
Maharashtra	2247892	2240187			70088	330903	101816	102093	230666	233342					210	270	2650672	2906795	256123
Mumbai	0		1896006	1894695	330679	105683	230812	231160	545869	547664					5700	5760	3009066	2784962	-224104
North East	252383	252129							244	244							252627	252373	-254
Odisha	451438	451480					4143	4143	7044	7170					30	30	462655	462823	168
Punjab	1100762	1089917			105427	39257	31682	31266	15289	15072	200222	200432			90	90	1453472	1376034	-77438
Rajasthan	1064300	1046625			39176	146630	25703	25922	5795	5844			48070	46659	90	90	1183134	1271770	88636
Tamil Nadu (incl. Chennai)	2502289	2493352			484187	388442	147727	148173	62691	64626					660	720	3197554	3095313	-102241
U.P.(E)	221650	1167606			50323	24252	40588	40811	13124	13375							325685	1246044	920359
U.P.(W)	1796518	759356			24105	0	5690	5477	7518	7751							1833831	772584	-1061247
West Bengal	683475	672411					2290	2227	5910	6041							691675	680679	-10996
Total	22651180	22467732	3455248	3457729	3259938	3269949	1269694	1269750	1423544	1441370	200222	200432	48070	46659	17580	17850	32325476	32171471	-154005
Net Addition		-183448		2481		10011		56		17826		210		-1411		270		-154005	

Note: Fixed line subscriber base corresponding to Vodafone is for corporate customers, which they have started reporting to TRAI from February 2012.

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.
