

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 7th February 2013

(www.trai.gov.in)

**Highlights on Telecom Subscription Data as on 31st December 2012**

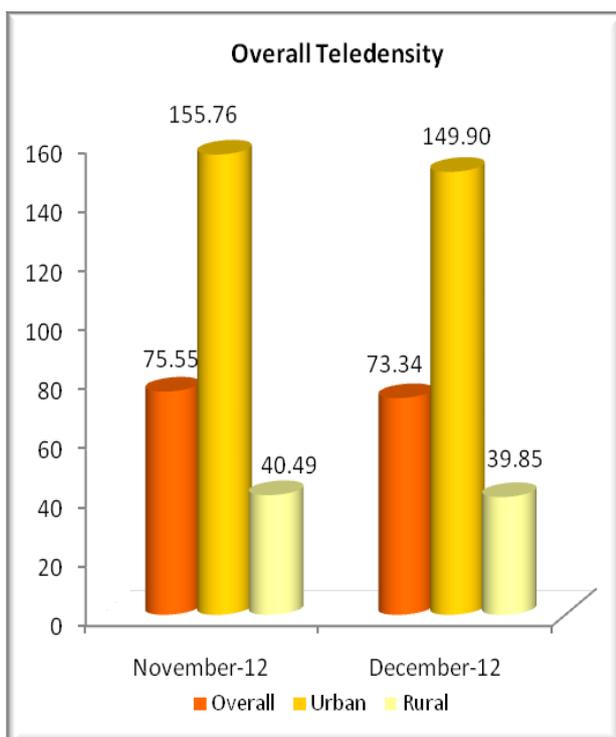
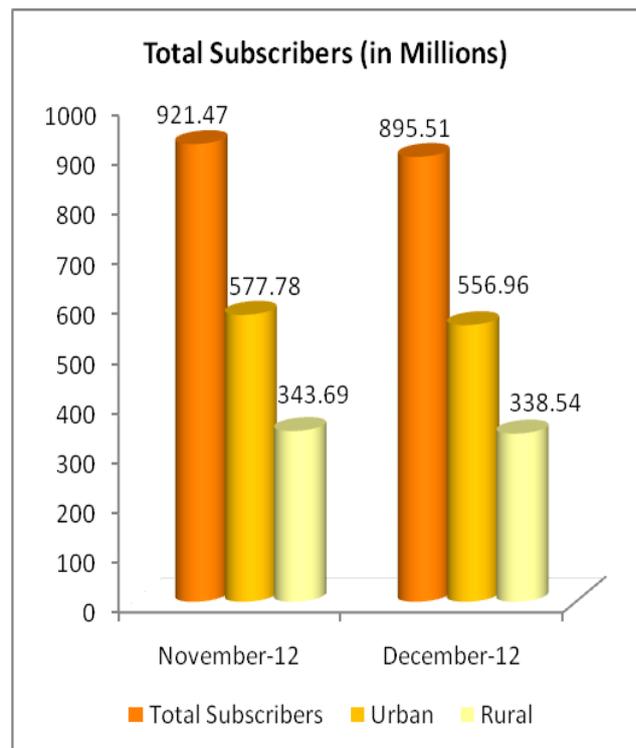
Particulars	Wireless	Wireline	Total Wireless + Wireline
Total Subscribers (Millions)	864.72	30.79	895.51
Total Net Monthly Addition (Millions)	-25.88	-0.08	-25.97
Monthly Growth (%)	-2.91%	-0.27%	-2.82%
Urban Subscribers (Millions)	533.12	23.84	556.96
Urban Subscribers Net Monthly Addition (Millions)	-20.78	-0.04	-20.82
Monthly Growth (%)	-3.75%	-0.15%	-3.60%
Rural Subscribers (Millions)	331.60	6.95	338.54
Rural Subscribers Net Monthly Addition (Millions)	-5.10	-0.05	-5.15
Monthly Growth (%)	-1.52%	-0.66%	-1.50%
Overall Teledensity*	70.82	2.52	73.34
Urban Teledensity*	143.48	6.42	149.90
Rural Teledensity*	39.04	0.82	39.85
Share of Urban Subscribers	61.65%	77.43%	62.20%
Share of Rural Subscribers	38.35%	22.57%	37.80%

- ❖ Mobile Number Portability requests increased from 77.13 million subscribers at the end of November 2012 to 80.06 million at the end of December 2012. In the month of December 2012 alone, 2.94 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in December 2012 are 701.60 Million, 81.14% of the total subscribers.
- ❖ Broadband subscription reached 14.98 million in December 2012 from 14.88 million in November 2012.

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

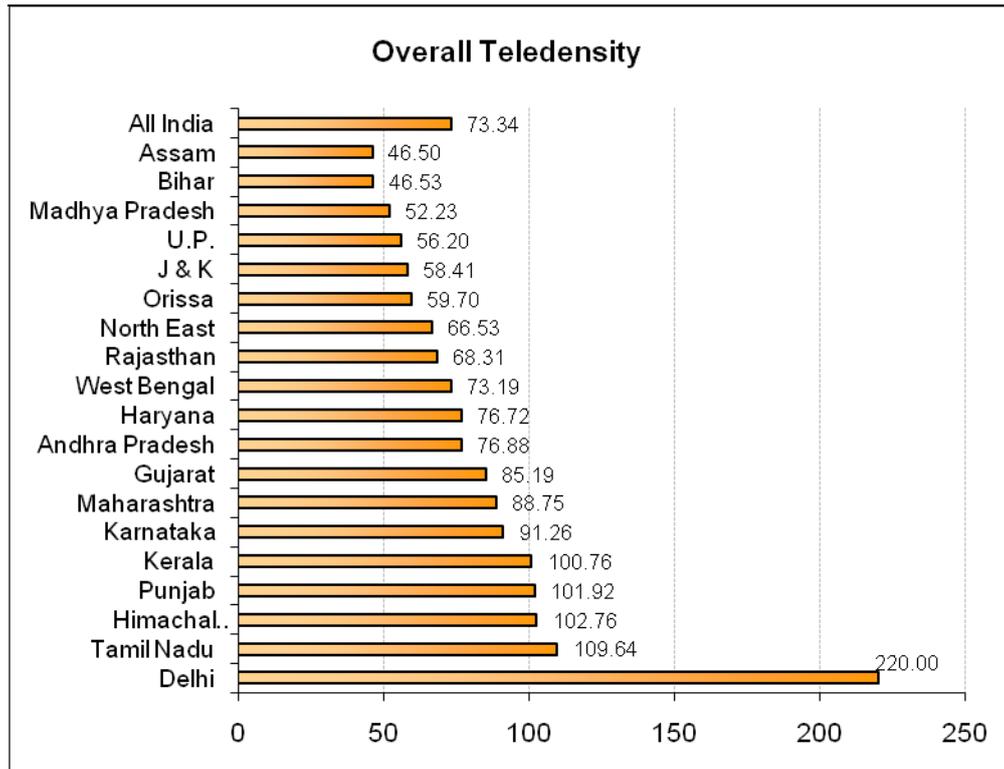
I. Total Telephone Subscribers

• The number of telephone subscribers in India decreased to 895.51 million at the end of December, 2012 from 921.47 million at the end of November 2012, thereby registering a monthly growth rate of -2.82%. The share of urban subscribers has declined to 62.20% from 62.70% whereas share of rural subscribers has increased to 37.80% in the month of December 2012. With this, the overall Teledensity in India decreased to 73.34 at the end of December, 2012 from 75.55 of the previous month.



• Subscription in the urban areas decreased from 577.78 million in November, 2012 to 556.96 million at the end of December, 2012. Subscription in rural areas decreased from 343.69 million to 338.54 million during the same period. The monthly growth rate of urban and rural subscription is -3.60% and -1.50% respectively. The overall urban Teledensity has decreased from 155.76 to 149.90 and Rural Teledensity decreased from 40.49 to 39.85.

Overall Teledensity (Circle Wise)

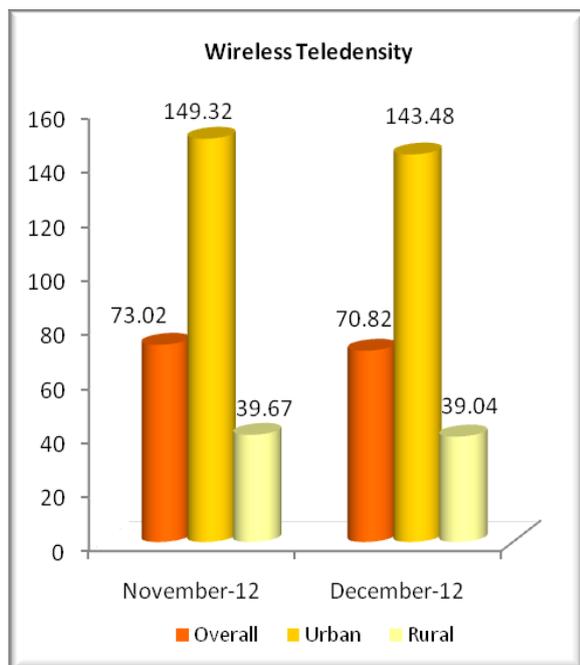
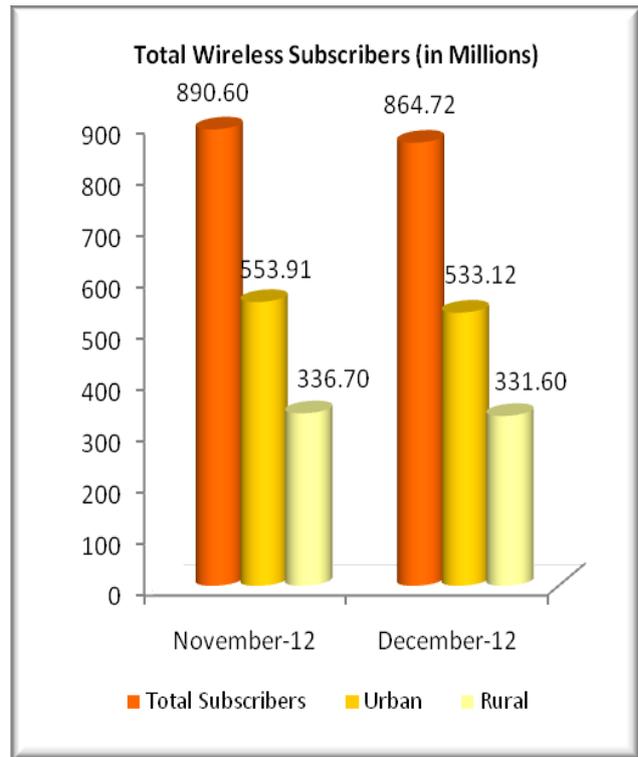


Notes:

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 figures 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)

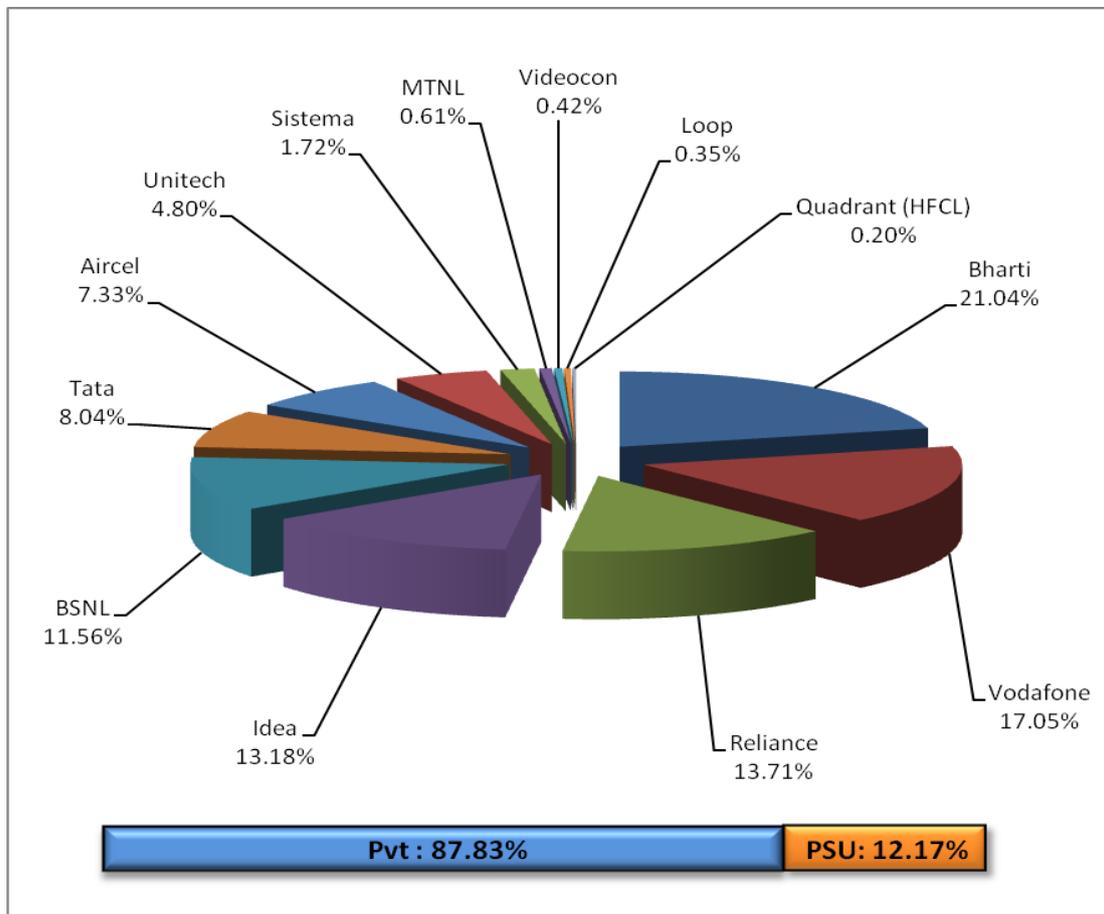
- Total wireless subscriber base decreased from 890.60 million in November 2012 to 864.72 million at the end of December 2012, registering a monthly growth of -2.91%. This decline is majorly due to large scale disconnections of inactive SIMs by some of the service providers. The share of urban wireless subscribers has decreased from 62.19% to 61.65% where as share of rural wireless subscribers has increased from 37.81% to 38.35%. The overall wireless Teledensity in India has reached 70.82.



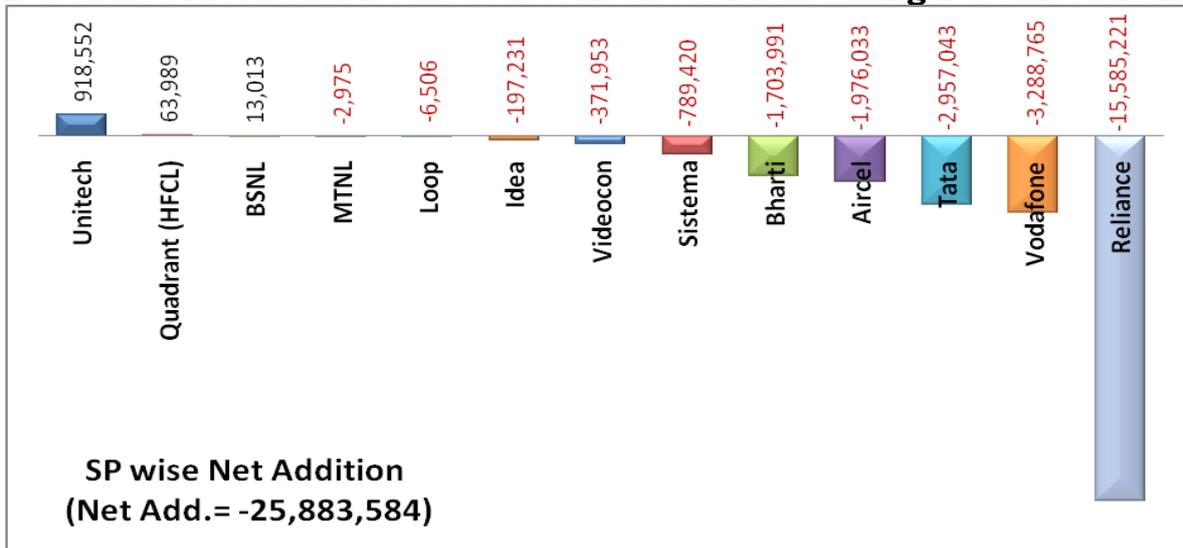
- Wireless subscription in urban areas decreased from 553.91 million in November 2012 to 533.12 million at the end of December 2012. The wireless subscription in rural areas decreased from 336.70 million to 331.60 million during the same period. The urban wireless Teledensity has decreased from 149.32 to 143.48 and rural Teledensity has decreased from 39.67 to 39.04. Detailed statistics is at Annexure I.

- Private operators hold 87.83% of the wireless market share (based on subscriber base) where as BSNL and MTNL, the two PSU operators hold only 12.17% market share. The graphical presentations of market shares and shares in net additions of all the service providers during the month of December, 2012 are given below:

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



B. Service Provider wise net subscriber addition during December 2012

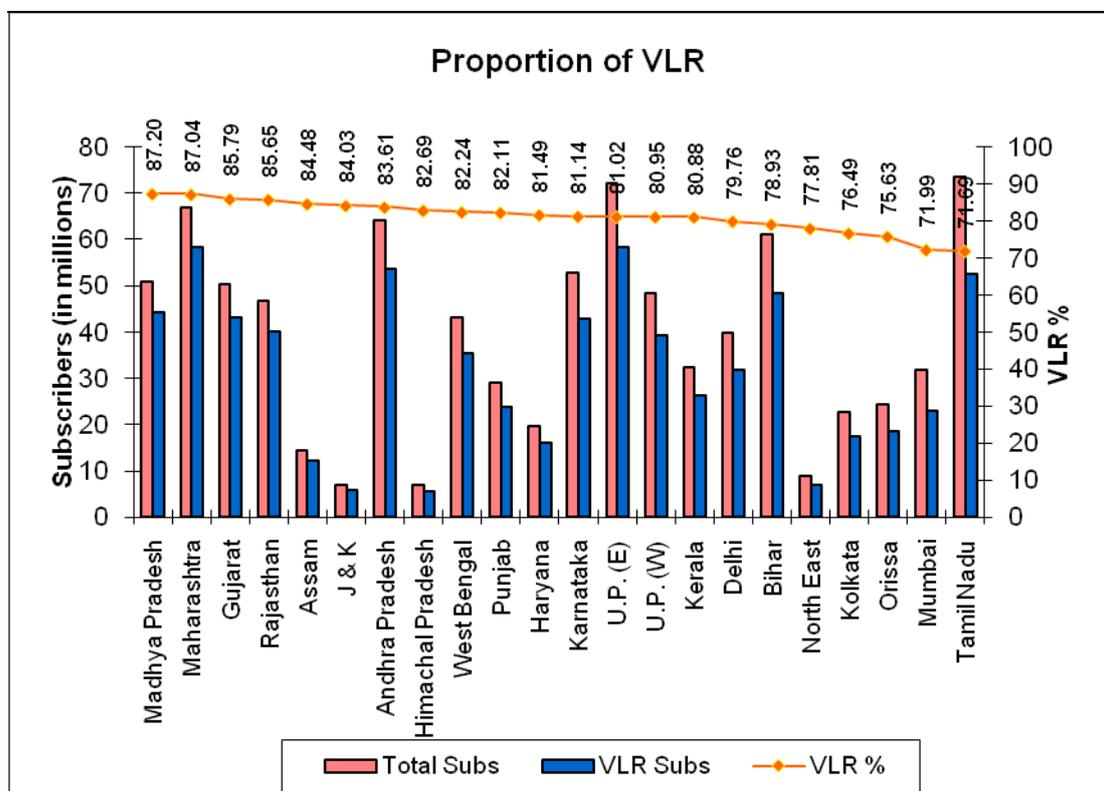


III. VLR Data

Out of the total 864.72 million wireless subscribers, 701.60* million were active on the date of Peak VLR for the month of December 2012. The proportion of VLR subscribers is approximately 81.14% of the total wireless subscriber base reported by the service providers.

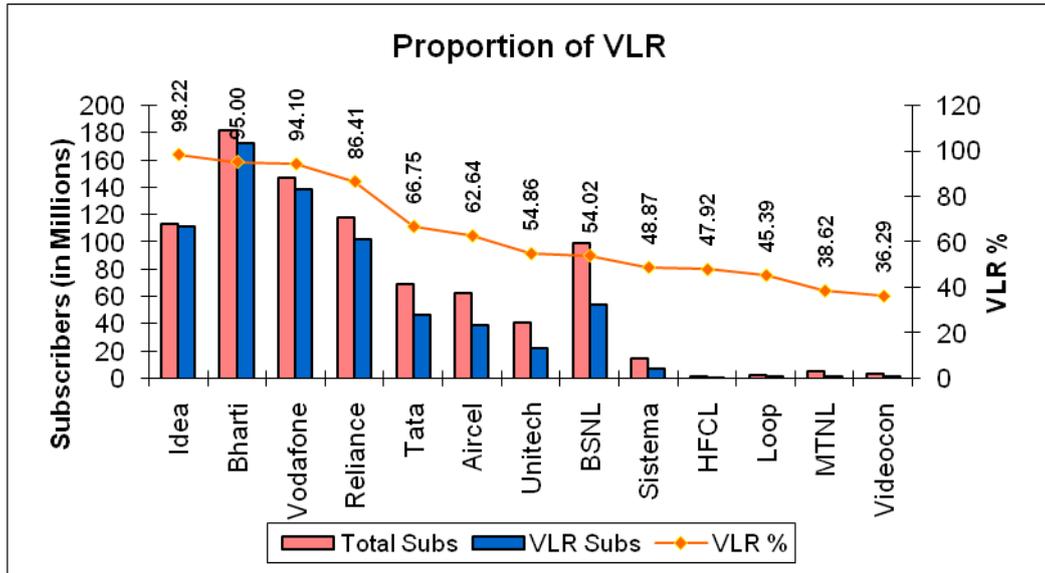
Circle-wise, Madhya Pradesh has the highest proportion of VLR subscribers with 87.20% followed by Maharashtra (87.04%) and Gujarat (85.79%); Tamil Nadu (incl. Chennai) has the lowest proportion with 71.69%. Service Provider wise, Idea leads the tally with 98.22% followed by Bharti Airtel (95.00%). The 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 (Circle wise)

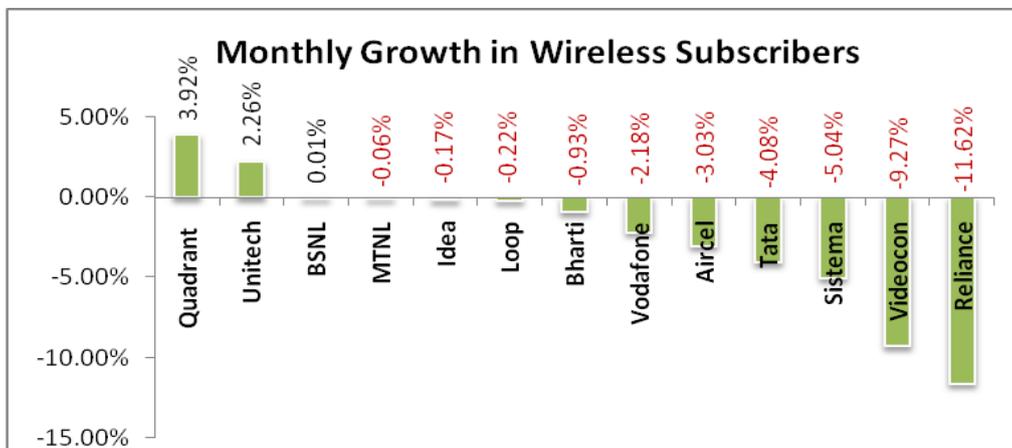


* The total active VLR number excludes the CDMA VLR figure of M/s BSNL as the service provider has not provided the VLR figures of their total CDMA subscriber base of 2.83 million.

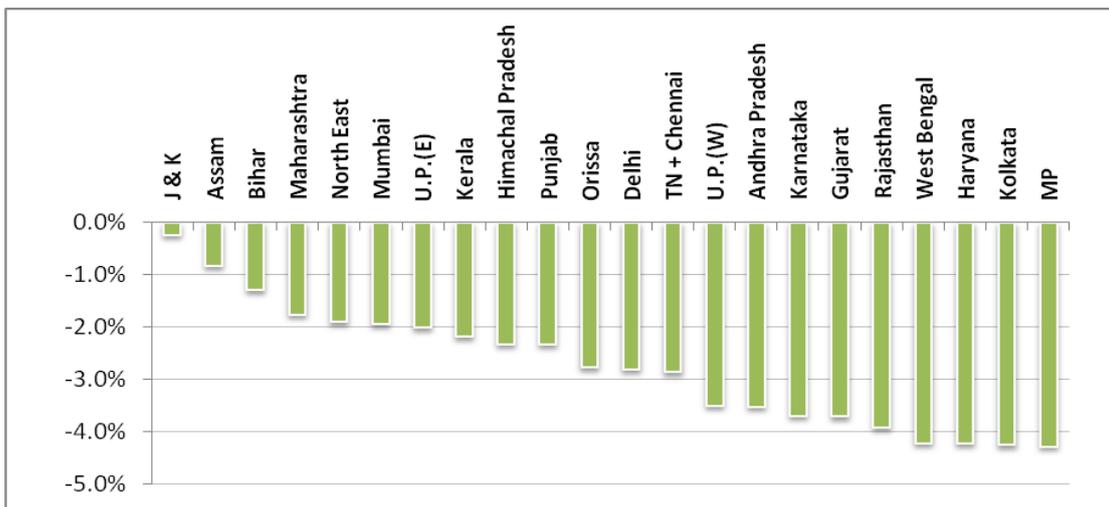
B. Proportion of VLR subscribers (Service Provider wise)



Service Provider wise growth in subscriber base (Nov. - Dec. 2012)



Service Area wise growth in subscriber base (Nov. - Dec. 2012)



IV. Mobile Number Portability

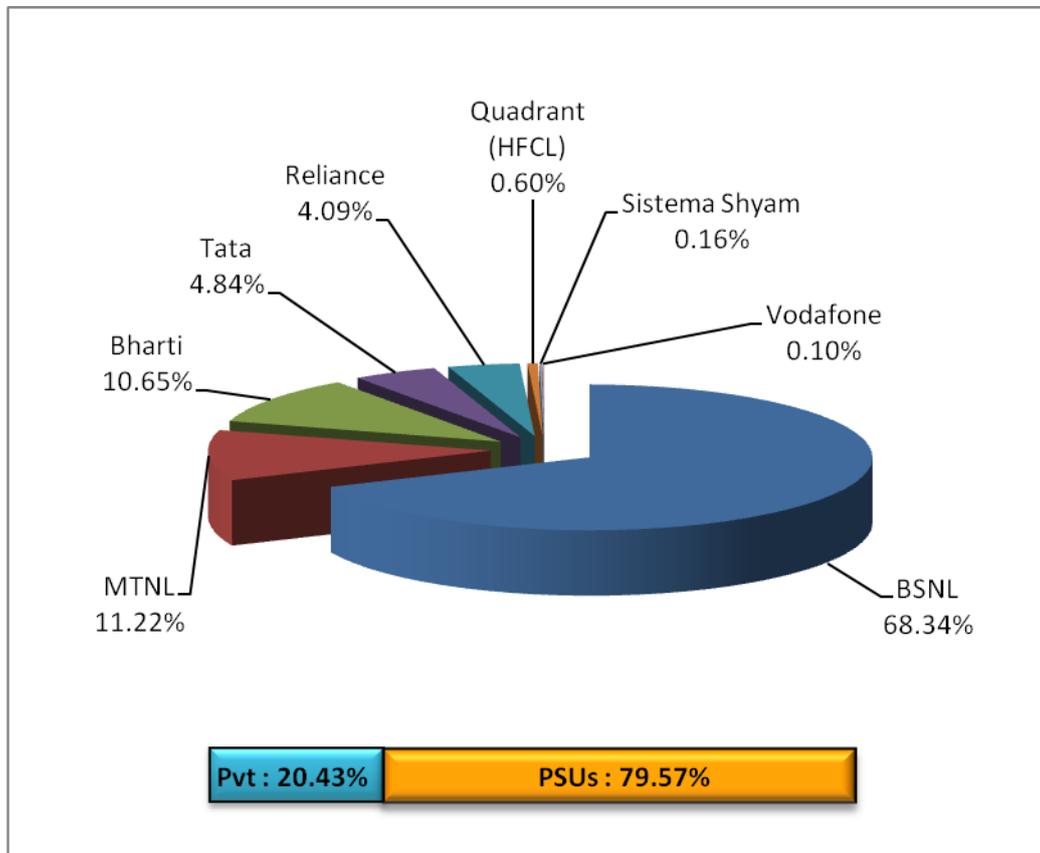
As per the data reported by the service providers, by the end of December 2012 about 80.06 million subscribers have submitted their requests to different service providers for porting their mobile number. In MNP Zone-I (Northern & Western India) maximum number of requests have been received in Rajasthan (7.59 million) followed by Gujarat (6.94 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (9.90 million) followed by Andhra Pradesh Service area (7.40 million). In the month of December 2012, total number of subscribers who have submitted their request for MNP is 2.94 million. The status of MNP requests in various service areas is given below:

Service Area Wise MNP Status at the end of December 2012			
Zone - 1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	2624269	Andhra Pradesh	7401086
Gujarat	6935874	Assam	321412
Himachal Pradesh	309632	Bihar	1581153
Haryana	2927047	Karnataka	9894929
Jammu & Kashmir	11834	Kerala	3404155
Maharashtra	6801297	Kolkata	1482860
Mumbai	2833438	Madhya Pradesh	4745131
Punjab	2619095	North East	142808
Rajasthan	7586834	Orissa	1823331
Uttar Pradesh - East	4881378	Tamil Nadu	4854169
Uttar Pradesh - West	4630889	West Bengal	2248333
Total	42,161,587	Total	37,899,367
Total (Zone-1 + Zone-2)			80,060,954
Net Addition (in December 2012)			2,935,296

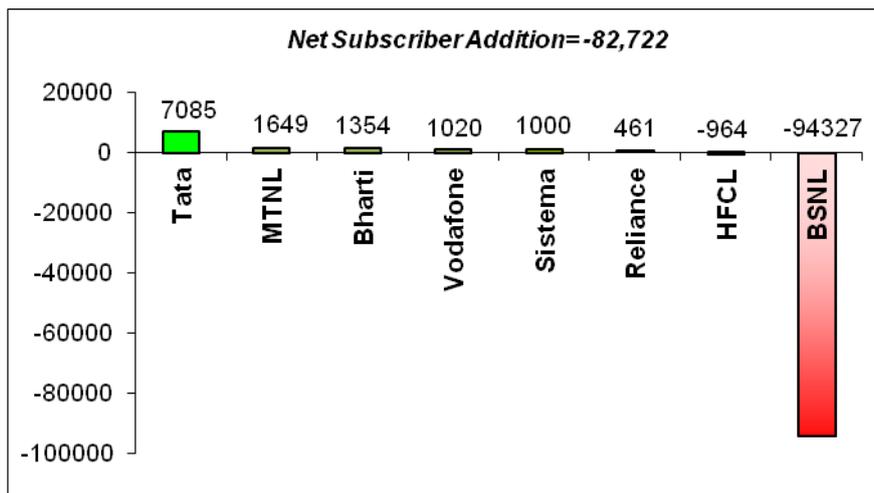
v. Wireline Segment

Wireline subscriber base declined from 30.87 million at the end of November 2012 to 30.79 Million at the end of December 2012. Net reduction in wireline subscriber base was 0.08 million. The share of urban subscribers has increased from 77.34% to 77.43% where as share of rural subscribers has declined from 22.66% to 22.57%. The overall wireline Teledensity has marginally decreased from 2.53 in November 2012 to 2.52 in December 2012, with urban and rural Teledensity being 6.42 and 0.82 respectively. BSNL and MTNL, the two PSU operators hold 79.57% of the Wireline market share. Detailed statistics is at Annexure-III. The graphical presentation of market share of all service providers as on 31st December 2012 is given below:

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



B. Wireline Service Provider wise Net addition during December 2012:



VI. Category wise Growth

- As can be seen from the following tables, the Circles in Category B show the highest reduction and highest rate of decline in both wireless segment as well as wireline segment from November 2012 to December 2012.

Category wise Net Additions and subscriber base

Category	Net Additions during the month of December, 2012		Subscriber Base as on 31 st December, 2012	
	Wireline	Wireless	Wireline	Wireless
Circle A	-30234	-9622264	12169209	307127607
Circle B	-51084	-11533759	9666808	341407022
Circle C	-5763	-1951776	1861466	122020250
Metro	4359	-2775785	7089220	94165307
All India	-82,722	-25,883,584	30,786,703	864,720,186

Category-wise Growth Rate in Access Service

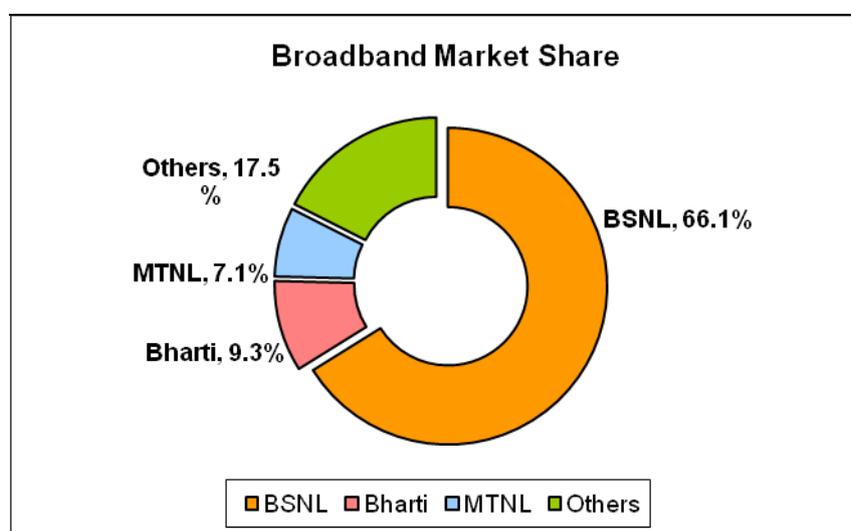
Category	Monthly Rate of Growth (Nov-2012 to Dec-2012)		Yearly rate of growth (Dec-2011 to Dec-2012)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.25%	-3.04%	-6.04%	-2.44%
Circle B	-0.53%	-3.27%	-8.69%	-3.37%
Circle C	-0.31%	-1.57%	-10.69%	-0.40%
Metro	0.06%	-2.86%	0.36%	-8.76%
All India	-0.27%	-2.91%	-5.81%	-3.26%

- 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 14.88 million at the end of November 2012 to 14.98 million at the end of December 2012, there by showing a monthly growth of 0.67%. Yearly growth in broadband subscribers is 12.62% during the last one year (December 2011 to December 2012).

As on 31st December 2012, there are 160 Internet Service Providers (ISPs) which are providing broadband services in the country. Out of these, 130 ISPs have provided broadband subscription data for the month of December 2012, for the rest of the ISPs data from previous month has been retained (Data from top 10 ISPs, which constitute 93.16% of the total subscriber base, have been received for the month of December 2012). Top five ISPs in terms of market share (based on subscriber base) are: BSNL (9.90 million), Bharti Airtel (1.39 million), MTNL (1.06 million), Hathway (0.37 million) and You Broadband (0.29 million).



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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/Dishnet		BSNL	
	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12
Andhra Pradesh	18041904	17704841	8099797	6809259	6308390	6080916	7362179	6898277	10758625	10632055	1995571	1871685	9198690	9219802
Assam	3809218	3826231	3107326	3060184	2251641	2188073	124982	120238	374823	368973	3563371	3542284	1222059	1228242
Bihar	18527460	18619726	9539385	9215889	6510831	6381278	4073551	3853362	5533489	5459296	5031269	4981643	6036421	6003257
Delhi	9083718	9027895	8120876	7424422	8597114	8449120	3844995	3755144	4675755	4650742	3030567	2951145	0	0
Gujarat	6927459	6810708	7624037	6719447	16096118	15801116	3145321	3018060	8007606	8018178	651645	338457	4237939	4254238
Haryana	2267166	2217759	2623991	2121823	4513229	4437015	2712200	2677383	3599268	3533255	575652	427498	3050144	3043033
Himachal Pradesh	1915405	1904509	1541365	1436357	486105	475329	207886	196230	465457	447450	734795	714277	1571182	1586782
J & K	2300268	2302707	596602	606558	676982	666009	101387	85035	198330	201578	1776797	1786423	1167203	1153690
Karnataka	16044964	15896254	7362373	6416357	6745251	6452620	6737492	6309062	5858857	5890723	1584102	1544826	7072101	6998146
Kerala	3393868	3433402	3422579	2885016	6049633	6067506	2100921	1992262	7688603	7778697	1712652	1522927	7572207	7621921
Kolkata	3606616	3579518	4955490	4152963	4105830	4084284	2854123	2804426	1176003	1153806	1860293	1858443	2310820	2315303
Madhya Pradesh	9675239	9656948	13332598	11549105	4427716	4101877	4087280	3937441	14626497	14731226	842531	680866	4976663	5030107
Maharashtra	9849973	9835555	9056932	7830723	13162555	12977123	6710469	6519501	15362933	15554910	1120821	1116017	6622665	6687309
Mumbai	3494074	3483357	6326259	5982157	6102494	6160353	3593865	3488432	2894630	2803928	1457676	1391669	0	0
North East	2551134	2573994	897193	830331	977476	928563	78429	77214	256518	257734	2405808	2334209	1740775	1736293
Orissa	6696681	6652023	4071123	3813211	2884090	2789575	2374691	2205917	946497	911343	2843791	2791997	4474124	4438237
Punjab	6851338	6800705	3229564	2840719	4397213	4309853	2569573	2493061	5523923	5493576	1022278	973252	4461317	4389946
Rajasthan	14385762	14181992	6469653	5379429	9104803	8565366	3173196	3071790	4424989	4515251	2697852	2712870	5912368	5930085
Tamil Nadu (incl. Chennai)	13442758	13318162	7807595	6459310	12009346	11869338	6028537	5746318	2193807	2172759	21809414	21725106	9435356	9439883
U.P. (E)	15105455	14940643	10859014	9648465	14671084	14526236	4227840	4141889	7074987	6978230	3547674	3589906	10292724	10295513
U.P. (W)	6556052	6413401	7662491	6647314	9249333	8999073	4162557	4026419	10168301	10189727	2053103	1509375	4929937	4928465
West Bengal	9084371	8726562	7407247	6699230	11437821	11165667	2243691	2140661	2334160	2203390	3005655	2982409	3624639	3622095
Total	183610883	181906892	134113490	118528269	150765055	147476290	72515165	69558122	114144058	113946827	65323317	63347284	99909334	99922347

Wireless Subscriber Base

Annexure-I

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Circle	Group												Total	
	MTNL		Unitech		Sistema		Loop		Videocon		Quadrant (HFCL)		Nov-12	Dec-12
	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12
Andhra Pradesh	0	0	3779187	4029580	709376	679838	0	0	9763	9763	0	0	66263482	63936016
Assam	0	0	791	779	1292	1280	0	0	0	0	0	0	14455503	14336284
Bihar	0	0	4933378	5005668	1611526	1481580	0	0	18615	18598	0	0	61815925	61020297
Delhi	2594760	2591964	0	0	1011915	962588	0	0	0	0	0	0	40959700	39813020
Gujarat	0	0	4343865	4430904	241268	231729	0	0	937308	657286	0	0	52212566	50280123
Haryana	0	0	459	437	176141	156659	0	0	868973	913010	0	0	20387223	19527872
Himachal Pradesh	0	0	151	151	69	71	0	0	44562	44555	0	0	6966977	6805711
J & K	0	0	319	319	19	21	0	0	0	0	0	0	6817907	6802340
Karnataka	0	0	1062076	1061461	2326517	2204660	0	0	8086	8086	0	0	54801819	52782195
Kerala	0	0	391819	391794	580130	541973	0	0	49705	9730	0	0	32962117	32245228
Kolkata	0	0	1813296	1774330	929956	887156	0	0	12	12	0	0	23612439	22610241
Madhya Pradesh	0	0	1330	1313	3094	3121	0	0	955019	976589	0	0	52927967	50668593
Maharashtra	0	0	5435145	5638910	705599	676571	0	0	8683	8683	0	0	68035775	66845302
Mumbai	2710133	2709954	1842309	1841764	480374	459822	3001965	2995459	465174	425151	0	0	32368953	31742046
North East	0	0	91	90	176	151	0	0	0	0	0	0	8907600	8738579
Orissa	0	0	705643	703260	801	803	0	0	10673	10673	0	0	25008114	24317039
Punjab	0	0	431	430	1158	1147	0	0	0	0	1631930	1695919	29688725	28998608
Rajasthan	0	0	1050	1045	2292118	2207814	0	0	6687	6687	0	0	48468478	46572329
Tamil Nadu (incl. Chennai)	0	0	803558	803528	1313339	1234562	0	0	592519	515005	0	0	75436229	73283971
U.P.(E)	0	0	7045540	7262667	611268	581226	0	0	14637	14635	0	0	73450223	71979410
U.P.(W)	0	0	4643909	5001245	655558	617722	0	0	5343	5343	0	0	50086584	48338084
West Bengal	0	0	3797645	3570869	2017729	1949509	0	0	16506	16506	0	0	44969464	43076898
Total	5304893	5301918	40601992	41520544	15669423	14880003	3001965	2995459	4012265	3640312	1631930	1695919	890603770	864720186

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

Circle	Aircel	Bharti	BSNL (Except CDMA)	HFCL	Idea	Loop	MTNL	Reliance	Sistema	Tata	Unitech	Videocon	Vodafone	Total
Andhra Pradesh	58.86	97.93	71.18		97.48			79.87	53.24	71.72	56.98	0.14	83.00	83.61
Assam	84.73	96.13	70.94		90.53			67.56	78.83	66.51			94.97	84.48
Bihar	52.78	97.44	34.13		102.76			84.07	35.83	59.95	52.11	0.90	102.44	78.93
Delhi	59.42	80.63			95.73		46.92	93.19	39.76	56.00			90.54	79.76
Gujarat	119.50	96.66	60.33		97.24			89.43	37.16	64.78	58.25	53.10	93.69	85.79
Haryana	57.15	97.88	51.47		98.33			92.62		67.53		42.27	95.81	81.49
Himachal Pradesh	58.53	97.09	67.72		104.78			84.50	215.49	58.37		5.85	102.27	82.69
J & K	88.59	94.86	66.55		86.55			64.04		77.26			83.00	84.03
Karnataka	39.44	96.98	54.25		96.55			81.71	57.11	72.50	0.14	0.06	90.02	81.14
Kerala	69.18	97.45	63.97		100.33			76.27	51.64	70.41	0.56	30.30	91.57	80.88
Kolkata	56.69	91.62	34.32		87.59			92.77	50.33	75.90	50.87		93.69	76.49
Madhya Pradesh	47.62	95.59	52.86		103.46			86.53	37.46	75.58		44.13	81.13	87.20
Maharashtra	51.24	90.49	70.56		99.37			89.13	52.93	78.41	59.74	0.51	98.00	87.04
Mumbai	60.45	94.38			87.84	45.39	30.68	92.27	27.81	63.08	43.96	12.58	86.97	71.99
North East	72.33	94.69	51.99		82.55			80.57		68.18			90.13	77.81
Orissa	53.70	97.12	58.22		83.92			78.27	80.07	71.23	0.37	0.05	90.45	75.63
Punjab	50.60	95.17	54.34	47.92	95.55			93.91	25.20	68.46			93.36	82.11
Rajasthan	81.59	95.01	46.78		105.34			92.70	49.74	64.96		1.18	100.28	85.65
Tamil Nadu (incl. Chennai)	58.01	96.05	48.79		74.84			86.27	57.95	58.14	0.26	18.59	94.22	71.69
U.P. (E)	67.21	97.00	43.20		102.13			83.54	31.46	61.52	67.12	0.59	97.56	81.02
U.P. (W)	96.51	87.40	45.25		96.62			85.95	33.40	59.23	60.97	1.27	96.01	80.95
West Bengal	58.32	96.12	48.14		90.70			92.94	60.77	49.28	63.81	0.14	96.85	82.24
Total	62.64	95.00	54.02	47.92	98.22	45.39	38.62	86.41	48.87	66.75	54.86	36.29	94.10	81.14

Wireline Subscriber Base																	Annexure-III	
Circle	Group																Total	
	BSNL		MTNL		Bharti		Reliance		Tata		Quadrant (HFCL)		Sistema		Vodafone		Nov-12	Dec-12
	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12	Nov-12	Dec-12
Andhra Pradesh	1881432	1871305			125620	125670	89468	89665	169982	169544	0	0	0	0	5340	5,340	2271842	2261524
Assam	194483	193952							2738	2729	0	0	0	0	60	60	197281	196741
Bihar	543028	543899					4929	4978	11088	11154	0	0	0	0		30	559045	560061
Delhi	0	0	1581934	1584555	1081545	1082027	186104	186636	87728	88935	0	0	0	0	7530	7,740	2944841	2949893
Gujarat	1559055	1561561			55375	55397	101947	101231	68541	68546	0	0	0	0	210	240	1785128	1786975
Haryana	518982	515,927			23928	23935	5056	5146	25943	26336	0	0	0	0			573909	571344
Himachal Pradesh	288385	285,983					4462	4462	2224	2225	0	0	0	0			295071	292670
J & K	199772	198,715							0	372	370	0	0	0	0	0	200144	199085
Karnataka	1710975	1705830			491545	491746	112679	113,270	136310	137184	0	0	0	0	2760	3,090	2454269	2451120
Kerala	2989469	2972537			55883	55903	54713	54469	12461	11640	0	0	0	0			3112526	3094549
Kolkata	941904	938584			93864	93906	81207	81350	35809	36569	0	0	0	0	1230	1,260	1154014	1151669
Madhya Pradesh	834491	834788			241676	241771	28743	28459	14548	15188	0	0	0	0	60	60	1119518	1120266
Maharashtra	2127182	2113234			70284	70312	102336	102069	243599	246381	0	0	0	0	2550	2,520	2545951	2534516
Mumbai	0	0	1871920	1870948	331593	331726	235063	235596	540890	542728	0	0	0	0	6540	6,660	2986006	2987658
North East	220255	217565							239	238	0	0	0	0			220494	217803
Orissa	384032	384670					3554	3589	7398	6637	0	0	0	0	210	210	395194	395106
Punjab	1051207	1037448			105879	105918	27041	26754	15765	15966	184781	183817	0	0	240	240	1384913	1370143
Rajasthan	972823	963456			39346	39361	24953	24739	6759	6848	0	0	48692	49692	240	240	1092813	1084336
Tamil Nadu (incl. Chennai)	2434317	2426680			485655	485845	148182	148146	72809	72903	0	0	0	0	1290	1500	3142253	3135074
U.P.(E)	957638	954373			50529	50550	40281	40461	13322	13263	0	0	0	0	360	420	1062130	1059067
U.P.(W)	737367	735439			24299	24308	5428	5520	8318	8363	0	0	0	0		30	775412	773660
West Bengal	588634	585158					2132	2199	5905	6086	0	0	0	0			596671	593443
Total	21135431	21041104	3453854	3455503	3277021	3278375	1258278	1258739	1482748	1489833	184781	183817	48692	49692	28620	29640	30869425	30786703

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.
