Information Note to the Press **(Press Release No. 60/2012)**

TELECOM REGULATORY AUTHORITY OF INDIA

New Delhi, 6th March, 2012

For immediate release   Website: **www.trai.gov.in**

### Highlights on Telecom Subscription Data as on 31st January 2012

Particulars	Wireless	Wireline	Total Wireless+Wireline
Total Subscribers (Millions)	**903.73**	**32.39**	**936.12**
Total Net Addition (Millions)	9.88	-0.29	9.59
Monthly Growth (%)	1.11%	-0.90%	1.04%
Urban Subscribers (Millions)	**591.10**	**24.72**	**615.83**
Urban Subscribers Net Addition (Millions)	4.85	-0.22	4.63
Monthly Growth (%)	0.83%	-0.86%	0.76%
Rural Subscribers (Millions)	**312.62**	**7.67**	**320.29**
Rural Subscribers Net Addition (Millions)	5.04	-0.08	4.96
Monthly Growth (%)	1.64%	-1.00%	1.57%
Overall Teledensity*	**74.89**	**2.68**	**77.57**
Urban Teledensity*	162.06	6.78	168.84
Rural Teledensity*	37.13	0.91	38.04
Share of Urban Subscribers	65.41%	76.32%	65.79%
Share of Rural Subscribers	34.59%	23.68%	34.21%

❖ Mobile Number Portability requests increased from 29.24 million subscribers at the end of December 2011 to 32.79 million at the end of January 2012. In the month of January alone, 3.55 million requests have been made for MNP.

❖ Active wireless subscribers on the date of Peak VLR in January 2012 are 659.97 Million.

❖ Broadband subscription reached to 13.42 Million in January 2012 from 13.30 Million in December 2011.

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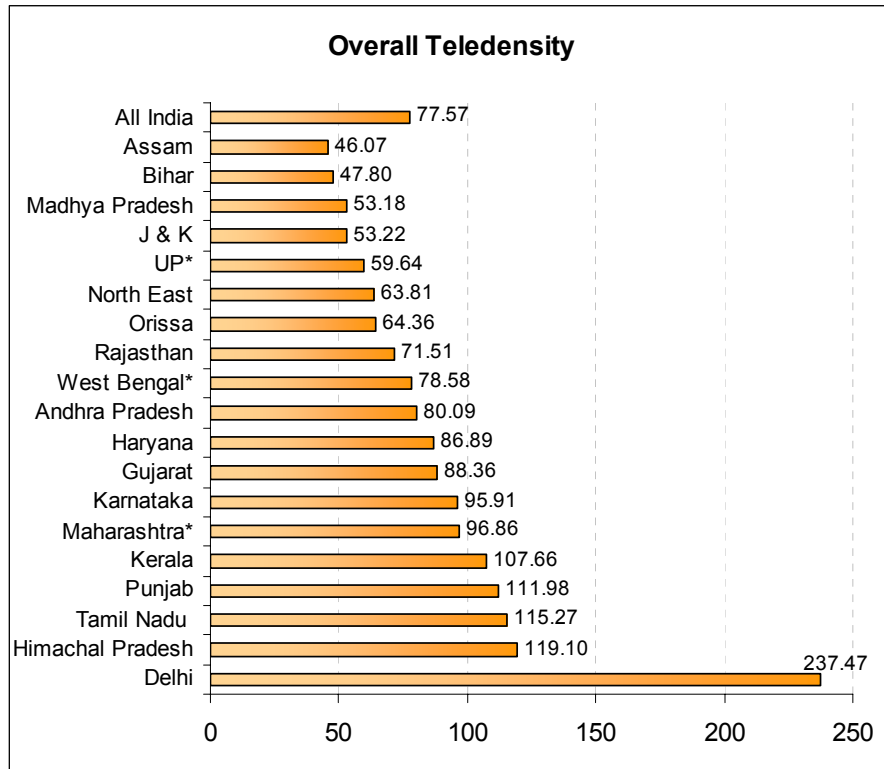
I. Total Telephone Subscribers

- The number of telephone subscribers in India increased to 936.12 Million at the end of January, 2012 from 926.53 Million at the end of December 2011, thereby registering a growth rate of 1.04%. The share of Urban subscribers has declined to 65.79% from 65.97% whereas share of Rural Subscribers has increased to 34.21% in the month of January 2012. With this, the overall Tele-density in India reaches to 77.57 at the end of January, 2012 from 76.86 of the previous month.

Total (Wireless +Wireline) Subscribers in Million

Overall Teledensity
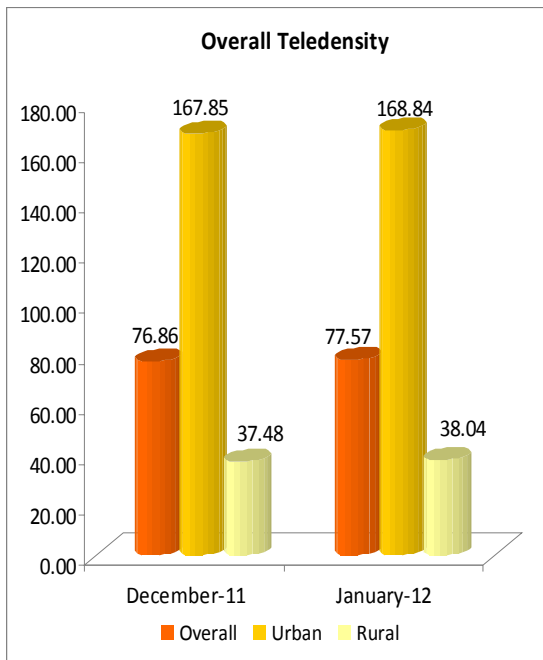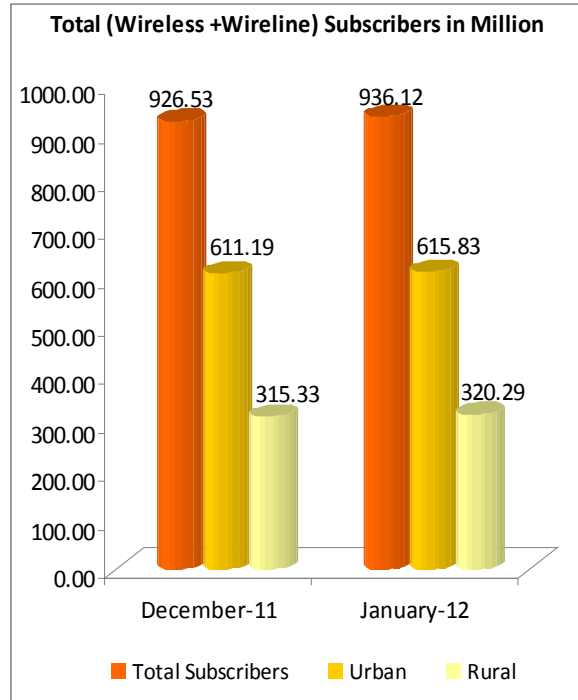
- Subscription in Urban Areas grew from 611.19 million in December, 2011 to 615.83 million at the end of January, 2012. Subscription in Rural Areas increased from 315.33 million to 320.29 million during the same period. The growth of Urban and Rural Subscription is 0.76% and 1.57% respectively. The overall Urban teledensity has increased from 167.85 to 168.84 and Rural teledensity increased from 37.48 to 38.04.

Overall Teledensity (Circle Wise)

Overall Teledensity

Circle	Teledensity
All India	77.57
Assam	46.07
Bihar	47.80
Madhya Pradesh	53.18
J & K	53.22
UP*	59.64
North East	63.81
Orissa	64.36
Rajasthan	71.51
West Bengal*	78.58
Andhra Pradesh	80.09
Haryana	86.89
Gujarat	88.36
Karnataka	95.91
Maharashtra*	96.86
Kerala	107.66
Punjab	111.98
Tamil Nadu	115.27
Himachal Pradesh	119.10
Delhi	237.47

* 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).
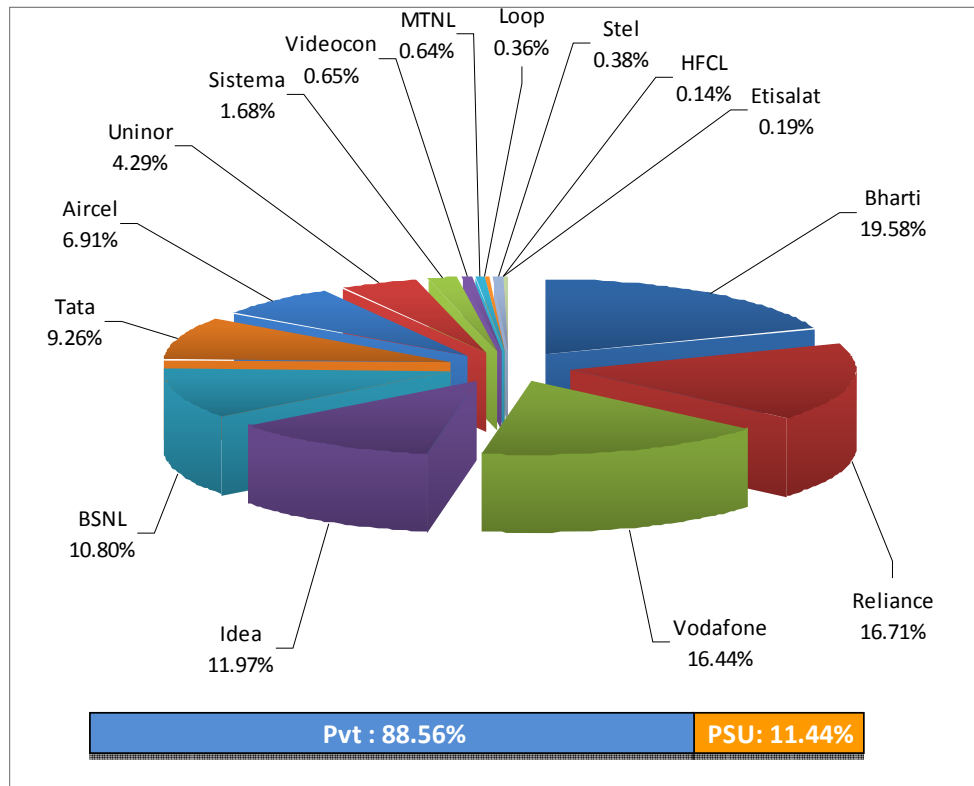
II. Wireless Segment (GSM, CDMA & FWP)

• Total Wireless subscriber base increased from 893.84 Million in December 2011 to 903.73 Million at the end of January 2012, registering a growth of 1.11%. The share of Urban Subscriber has marginally decreased from 65.59% to 65.41% where as share of Rural Subscribers has marginally increased from 34.41% to 34.59%. The overall wireless Tele density in India reaches 74.89.

Total Wireless Subscribers (in Millions)
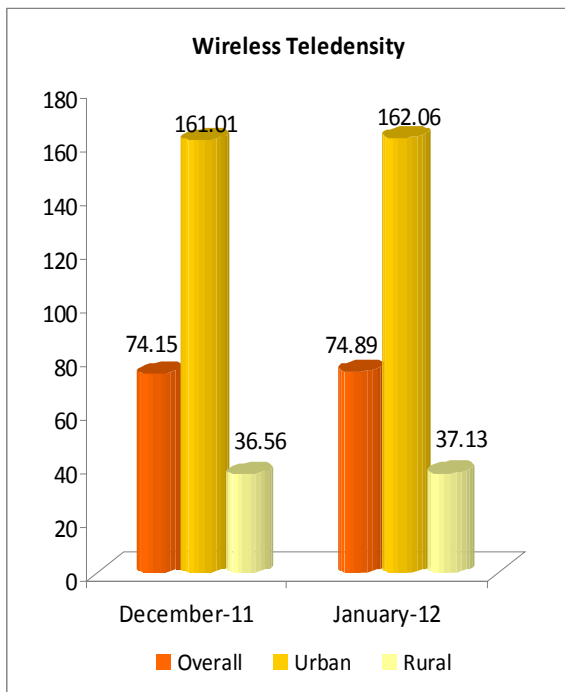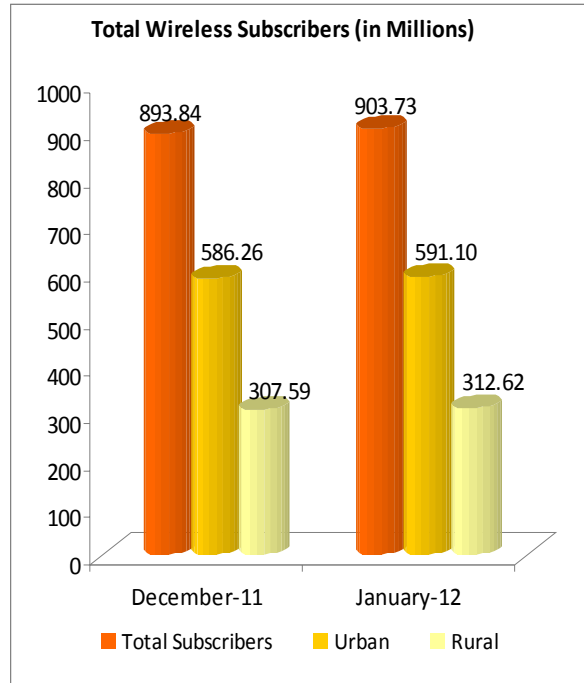
• Wireless subscription in Urban Areas increased from 586.26 million in December 2011 to 591.10 million at the end of January 2012. The subscription in Rural Areas increased from 307.59 million to 312.62 million during the same period. This shows higher growth in Rural Subscription (1.64%) than Urban Subscription (0.83%). The Urban wireless teledensity has increased from 161.01 to 162.06 and Rural teledensity has increased from 36.56 to 37.13. Detailed statistics at Annexure I.

Wireless Teledensity

• Private operators hold 88.56% of the wireless market share where as BSNL and MTNL, two PSU operators hold only 11.44% market share. The graphical presentations of market shares and shares in net additions of all the service providers during the month of January 2012 are given below:

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

MTNL 0.64% | Loop 0.36% | Videocon 0.65% | Stel 0.38% | HFCL 0.14% | Etisalat 0.19% | Sistema 1.68% | Uninor 4.29% | Bharti 19.58% | Aircel 6.91% | Tata 9.26% | BSNL 10.80% | Reliance 16.71% | Idea 11.97% | Vodafone 16.44%

Pvt : 88.56%   **PSU: 11.44%**

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

Share in Net Addition
(Net Add.= 9,883,674)

Uninor 25.21% | Idea 17.68% | Bharti 13.17% | Reliance 9.60% | BSNL 8.85% | Vodafone 8.65% | Aircel 8.27% | Videocon 4.11% | Tata 2.29% | Sistema 1.45% | HFCL 1.01% | MTNL 0.58% | Etisalat 0.22% | Loop 0.11% | Stel -1.20%

5
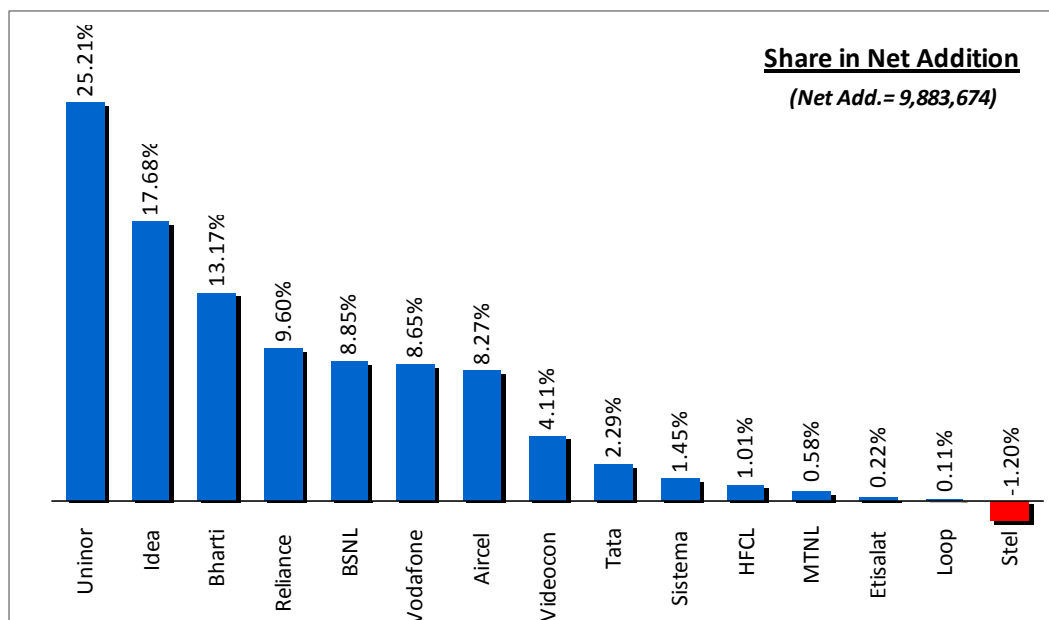
III. VLR Data

Out of the total 903.73 Million subscribers, 659.97 Million were active on the date of Peak VLR for the month of January 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 4.35 million. The proportion of VLR subscribers is approximately 73.03% of the total wireless subscriber base reported by the service providers.

Circle-wise, J&K has the highest proportion of VLR subscribers with 82.33% followed by Assam (80.05%) and MP (79.10%); Mumbai has the lowest proportion with 61.79%. Service Provider wise, Idea leads the tally with 93.18% followed by Bharti (91.17%); Etisalat is at the bottom with 25.56%. 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)
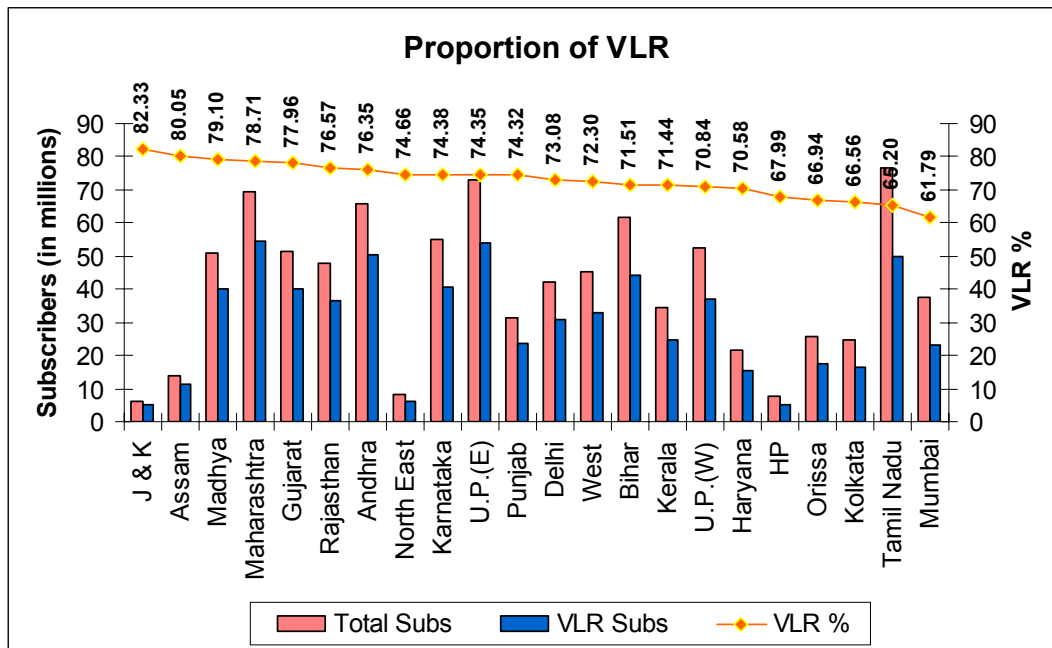
Proportion of VLR subscribers (Service Provider wise)

Proportion of VLR
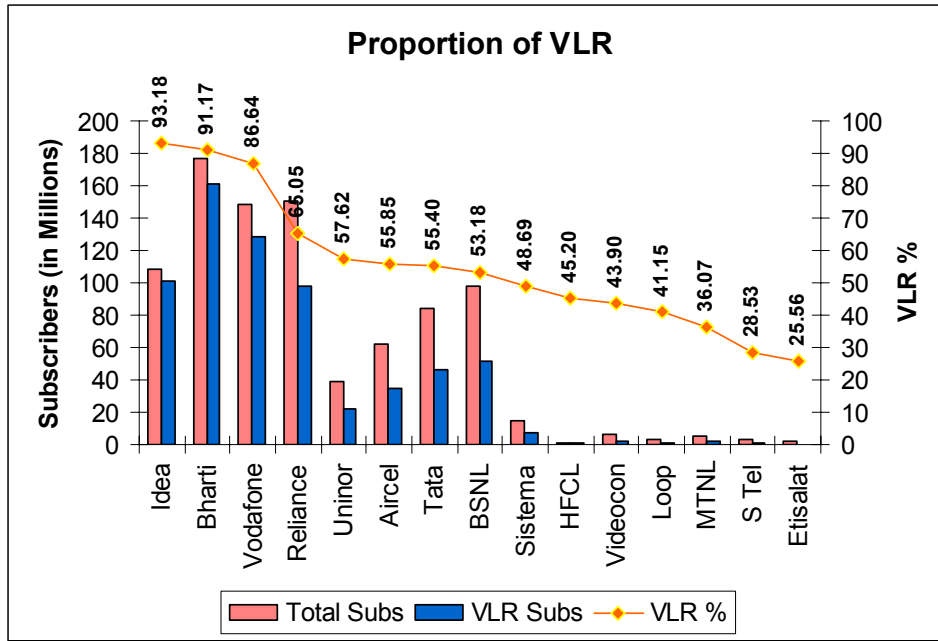
IV. Mobile Number Portability

As per the data reported by the service providers, by the end of January 2012 about 32.79 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 (3.04 million) followed by Rajasthan (2.72 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (3.40 million) followed by Andhra Pradesh Service area (3.04 million). In the month of January 2012, total number of subscribers who have submitted their request for MNP is 3.55 million. The status of MNP requests in various service areas is given below:

Service Area Wise MNP Status at the end of January, 2012			
Zone -1		**Zone - 2**	
Service Area	**Number of Porting Requests**	**Service Area**	**Number of Porting Requests**
Delhi	1545604	Andhra Pradesh	3043938
Gujarat	**3039206**	Assam	71273
Himachal Pradesh	117986	Bihar	698107
Haryana	1483752	Karnataka	**3394761**
Jammu & Kashmir	5087	Kerala	1698063
Maharashtra	2569554	Kolkata	683896
Mumbai	1163498	Madhya Pradesh	2020605
Punjab	1278197	North East	20327
Rajasthan	2717109	Orissa	732249
Uttar Pradesh - East	1697080	Tamil Nadu	2000504
Uttar Pradesh - West	1821896	West Bengal	986046
Total	**17438969**	**Total**	**15349769**
Total (Zone-1 + Zone-2)			**32788738**
Net Addition (in January 2012)			**3547880**

V. **Wireline Segment**

Wireline subscriber base declined from 32.69 Million at the end of December 2011 to 32.39 Million at the end of January 2012. The share of Urban Subscribers has marginally increased from 76.30% to 76.32% where as share of Rural Subscribers has marginally declined from 23.70% to 23.68%. The overall wireline tele-density in India marginally declined to 2.68 with urban and rural teledensity being 6.78 and 0.91 respectively. BSNL and MTNL, two PSU operators hold 80.91% of the Wireline market share. Detailed statistics is at Annexure-III. The graphical presentation of market share of all service provider as on 31st January 2012 is given below:

A. Service Provider wise Market Share as on 31st Jan. 2012
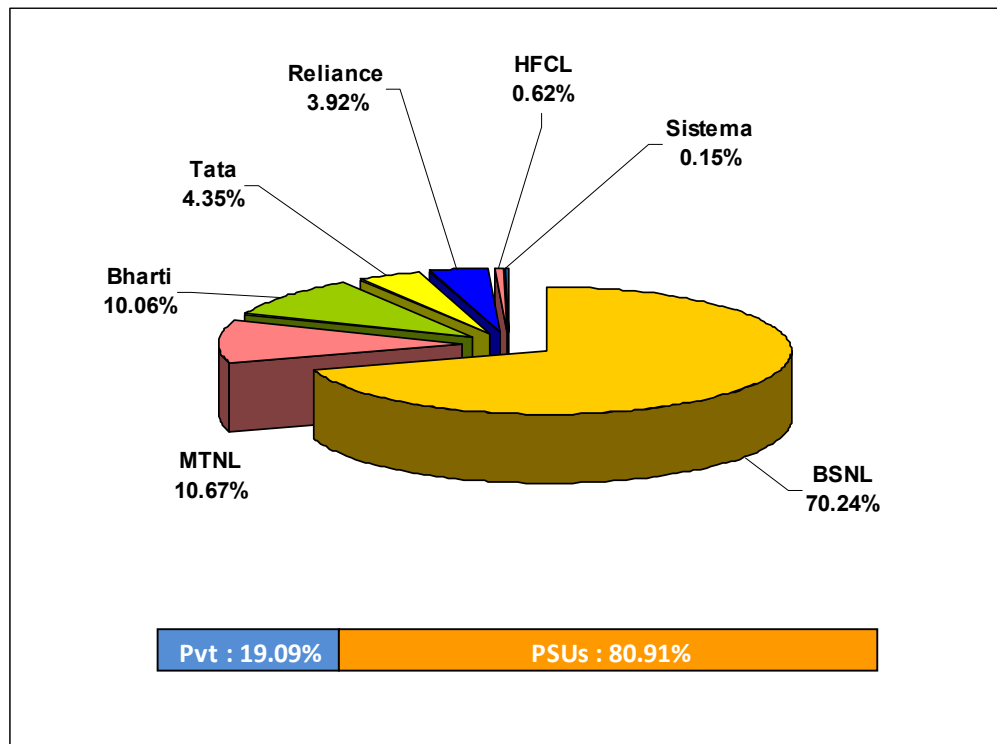
B. Service providers' share in Net Addition during January 2012.

Share in Net addition *(Net addition= -293,273)*

Provider	Share
Bharti	-19.73%
BSNL	-85.54%
HFCL	0.19%
MTNL	0.80%
Reliance	0.98%
Sistema	-0.10%
Tata	3.40%
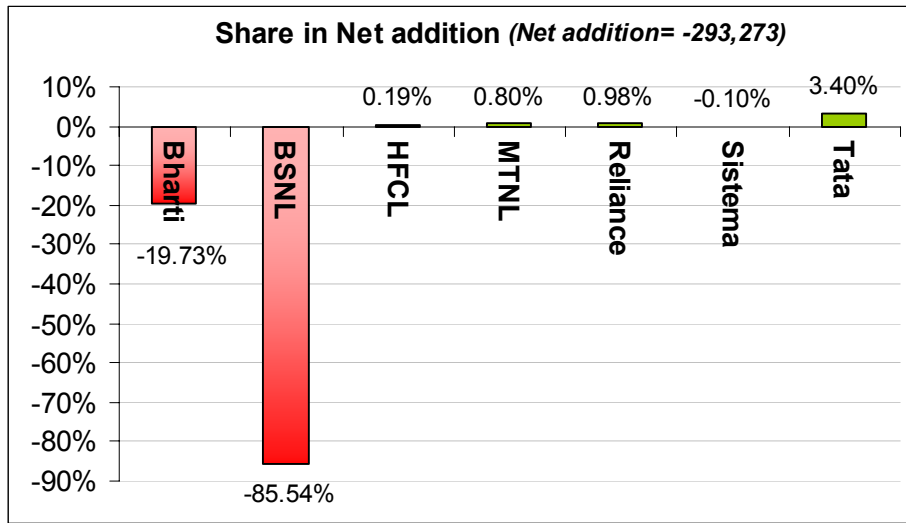
VI. Category wise Growth

- 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 December 2011 to January 2012.

Category wise Net Additions and subscriber base

Category	Net Additions during the month of January, 2012		Subscriber Base as on 31st January, 2012	
	Wireline	Wireless	Wireline	Wireless
Circle A	-181272	3400010	12769715	318220261
Circle B	-115095	3994020	10471157	357303542
Circle C	-8652	1575903	2075705	124084532
Metro	11846	913741	7075461	104118873
All India	**-293173**	**9883674**	**32392038**	**903727208**

Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (Dec-2011 to Jan-2012)		Yearly rate of growth (Jan-2011 to Jan-2012)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-1.40%	1.08%	-5.08%	15.34%
Circle B	-1.09%	1.13%	-8.17%	18.52%
Circle C	-0.42%	1.29%	-27.77%	22.18%
Metro	0.17%	0.89%	-1.94%	12.86%
All India	**-0.90%**	**1.11%**	**-7.31%**	**17.19%**

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

11

VII. <u>Broadband (≥ 256 Kbps download)</u>

Total Broadband subscriber base has increased from 13.30 million at the end of December 2011 to 13.42 million at the end of January 2012, there by showing a monthly growth of 0.90%. Yearly growth in broadband subscribers is 19.74% during the last one year (Jan. 2011 to Jan. 2012).

As on 31st Jan. 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 with 8.68 million subscribers, Bharti Airtel with 1.36 million and MTNL with 1.03 million subscribers.

Broadband Market Share

Others, 17.6%
MTNL, 7.6%
Bharti, 10.1%
BSNL, 64.6%

BSNL ■ Bharti ■ MTNL ■ Others

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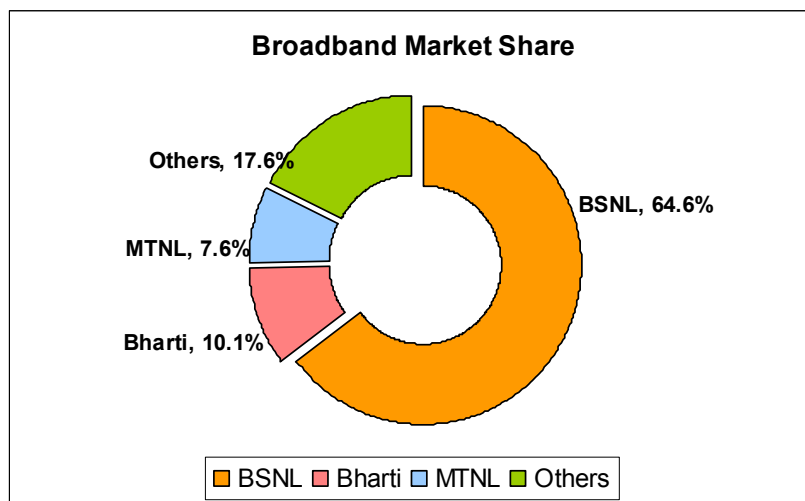
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<u>Note: Information in the Press Release is based on the data provided by the Service Providers.</u>

Circle	Bharti		Reliance		Vodafone		Tata		Idea		Aircel/Dishnet	
	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12
Andhra Pradesh	17799477	17900408	9311238	9349500	7057478	6784329	7757350	7707188	9502047	9623900	1902133	1957801
Assam	3535202	3565349	2641158	2686136	1923161	1951967	127243	127535	305312	287682	3704780	3704649
Bihar	16717806	16816652	9454131	9462237	5708731	5799023	4912473	5002835	5315012	5476438	5014778	5082942
Delhi	8525943	8589731	8582502	8686907	8270357	8340459	4933285	4856373	4353653	4585267	2328051	2364118
Gujarat	6803860	6814699	8085619	8170553	15602586	15761617	3835891	3857732	7652235	7713978	588260	591428
Haryana	2272637	2275808	4251045	4260263	4318417	4343430	2781326	2867646	3404573	3431364	557768	583521
Himachal Pradesh	1774268	1777668	1847332	1872074	419262	422962	397979	400506	428431	429235	682359	693185
J & K	2012929	2026209	520980	520531	672276	685929	115815	116735	157225	162560	1540464	1575250
Karnataka	15247038	15278989	7882826	8045188	6592047	6614514	6796985	7014596	5353391	5528696	1709850	1731093
Kerala	3499504	3501206	4234881	4253749	5809868	5825894	2333615	2376342	7424470	7402840	2451546	2415121
Kolkata	3791510	3801989	5316976	5342181	4471199	4445740	3106499	3156152	1182440	1210597	1738401	1776039
Madhya Pradesh	9594351	9602627	12248548	12286268	3689068	3790520	4755561	4950199	13149755	13315056	800335	834563
Maharashtra	9314783	9449972	10741177	10844584	12564117	12659140	9441918	9198909	14847286	14972162	1194827	1205671
Mumbai	3709284	3714217	8633710	8761138	6103637	6002506	5339427	5177457	2726879	2818843	1163956	1202151
North East	2183305	2194615	874352	906254	936435	916493	75908	75687	203796	191918	2404365	2371230
Odisha	5844248	6003168	4731540	4700014	2469064	2514974	2393536	2513609	904833	976758	2698928	2759507
Punjab	6920713	6926186	4890385	4914581	4419821	4454905	3546396	3097240	5102506	5194458	853222	873883
Rajasthan	13477509	13768431	7654918	7673753	9166448	9409930	3934955	3927410	3624750	3762139	1323712	1405751
Tamil Nadu	13244114	13266658	8715465	8653682	12146209	12235508	4265849	4511465	2040275	2018098	21608522	21868334
U.P.(E)	13773095	14019449	12457911	12499488	14434048	14559374	4533467	4640824	6969806	7054244	2325744	2365414
U.P.(W)	6620368	6625502	9729135	9705091	9413864	9464037	4976714	4933645	9829965	9995876	1978571	2038307
West Bengal	8990872	9034631	7273099	7434027	11558663	11618854	3130634	3208778	1901471	1975171	3073839	3062163
Total	**175652816**	**176954164**	**150078928**	**151028199**	**147746756**	**148602105**	**83492826**	**83718863**	**106380111**	**108127280**	**61644411**	**62462121**
Net Addition		**1301348**		**949271**		**855349**		**226037**		**1747169**		**817710**

Circle	BSNL		MTNL		Uninor		Sistema		Loop		Videocon	
	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12
Andhra Pradesh	8835316	8940056	0	0	2823204	3142932	612536	618866	0	0	10941	10934
Assam	1598487	1604587	0	0	94	127	930	1134	325	325	0	0
Bihar	6022054	6033464	0	0	4204457	4571564	1534689	1572850	324	364	20515	20299
Delhi	0	0	2783242	2826624	0	0	1080970	1074913	0	0	0	0
Gujarat	4083179	4135930	0	0	3054752	3052199	118862	128836	69	73	1149514	1234333
Haryana	2928781	2994325	0	0	165	205	221355	213261	95	93	773634	852165
Himachal Pradesh	1719922	1716774	0	0	61	61	33	313	0	0	78588	79015
J & K	991438	1014332	0	0	23	40	20	516	0	0	0	0
Karnataka	6560514	6665782	0	0	1572226	1823105	2046800	2074851	521	618	11946	11987
Kerala	6808388	6955611	0	0	719519	722923	613862	622228	0	0	247419	238083
Kolkata	2388975	2401422	0	0	1550799	1698321	802124	816077	2274	2348	1967	2966
Madhya Pradesh	4777484	4854454	0	0	769	883	1772	1888	220	270	1062933	1158819
Maharashtra	5903746	6018121	0	0	3865221	4080333	679159	712265	325	357	13739	13681
Mumbai	0	0	2897923	2912105	1326201	1424832	733740	677237	3230733	3240766	903068	980278
North East	1553414	1558450	0	0	32	51	150	188	41	41	0	0
Odisha	4234329	4308907	0	0	1297817	1347034	285	434	912	966	10670	10670
Punjab	4731202	4742674	0	0	328	319	617	691	145	147	0	0
Rajasthan	5697195	5662270	0	0	282	383	2349997	2351655	389	400	10568	10570
Tamil Nadu	9490258	9546801	0	0	1426080	1677247	1697304	1657076	0	0	1101925	1179228
U.P.(E)	10239584	10189190	0	0	6534887	7054485	417579	456560	0	0	16724	16722
U.P.(W)	4673023	4729667	0	0	4386953	4560885	416312	452964	8	8	8830	8827
West Bengal	3524516	3563744	0	0	3542995	3640447	1677432	1715463	0	0	19902	20152
Total	96761805	97636561	5681165	5738729	36306865	38798376	15006528	15150266	3236381	3246776	5442883	5848729
Net Addition		874756		57564		2491511		143738		10395		405846

Circle	Group						Total		
	S-Tel		HFCL		Etisalat		Total		
	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Dec-11	Jan-12	Net Add.
Andhra Pradesh	0	0	0	0	33681	34868	65645401	66070782	425381
Assam	89789	79992	0	0	0	0	13926481	14009483	83002
Bihar	2059787	2029624	0	0	40221	41222	61004978	61909514	904536
Delhi	0	0	0	0	760160	759210	41618163	42083602	465439
Gujarat	0	0	0	0	31457	32712	51006284	51494090	487806
Haryana	0	0	0	0	14177	15171	21523973	21837252	313279
Himachal Pradesh	457963	454924	0	0	0	0	7806198	7846717	40519
J & K	0	0	0	0	0	0	6011170	6102102	90932
Karnataka	0	0	0	0	27844	29712	53801988	54819131	1017143
Kerala	0	0	0	0	12246	12097	34155318	34326094	170776
Kolkata	0	0	0	0	0	0	24353164	24653832	300668
Madhya Pradesh	0	0	0	0	73767	78190	50154563	50873737	719174
Maharashtra	0	0	0	0	33768	35051	68600066	69190246	590180
Mumbai	0	0	0	0	465247	469909	37233805	37381439	147634
North East	34536	32083	0	0	0	0	8266334	8247010	-19324
Odisha	907306	833665	0	0	0	0	25493468	25969706	476238
Punjab	0	0	1192592	1292888	17902	18440	31675829	31516412	-159417
Rajasthan	0	0	0	0	34815	35987	47275538	48008679	733141
Tamil Nadu	0	0	0	0	30511	31915	75766512	76646012	879500
U.P.(E)	0	0	0	0	48198	50246	71751043	72905996	1154953
U.P.(W)	0	0	0	0	46092	47133	52079835	52561942	482107
West Bengal	0	0	0	0	0	0	44693423	45273430	580007
Total	3549381	3430288	1192592	1292888	1670086	1691863	893843534	903727208	9883674
Net Addition		-119093		100296		21777		9883674	

Proportion of VLR on the date of Peak VLR in the month of January, 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	57.18	94.93	71.24	11.92		93.09			58.22		61.14	62.99	61.03	4.38	64.92	**76.35**
Assam	77.35	93.93	55.13			97.04	9.54		71.88	52.77	86.68	73.16			90.58	**80.05**
Bihar	48.74	96.79	35.44	10.71		91.09			70.93	24.58	36.67	46.65	55.04	5.29	99.10	**71.51**
Delhi	55.22	82.26		37.63		88.44		40.49	77.13		28.05	46.61			91.51	**73.08**
Gujarat	83.99	87.15	58.25	13.97		93.33			65.77		42.90	59.59	63.81	49.59	87.61	**77.96**
Haryana	33.10	93.31	50.76			92.73			52.85			60.26		41.66	92.12	**70.58**
Himachal Pradesh	58.50	92.05	61.00			92.91			59.05		22.4	33.94		16.86	96.11	**67.99**
J & K	84.06	95.08	65.50			91.87			69.56			65.44			75.92	**82.33**
Karnataka	39.10	92.13	54.27	9.64		91.15			67.20		63.46	63.49	54.70	1.37	76.82	**74.38**
Kerala	37.83	84.83	65.15	5.67		94.48			58.37		50.17	60.01	32.23	25.42	82.99	**71.44**
Kolkata	51.44	86.22	34.54			75.68	2.00		67.15		53.71	63.97	49.42		80.69	**66.56**
Madhya Pradesh	59.19	89.72	51.92	13.19		100.28	31.11		70.37		49.26	66.87		44.31	73.26	**79.10**
Maharashtra	43.29	88.92	66.35	13.38		96.57			63.38		49.50	60.14	68.15	2.97	91.14	**78.71**
Mumbai	52.95	85.52		18.69		83.14	41.20	31.79	69.90		19.69	42.54	56.28	48.84	80.80	**61.79**
North East	68.47	94.09	60.21			90.91	17.07		59.03	33.24		77.80			81.99	**74.66**
Orissa	52.27	94.83	58.68			64.49	3.42		58.71	28.88	135.71	51.84	47.80	1.02	85.18	**66.94**
Punjab	52.70	91.89	51.04	14.26	45.20	92.75	8.84		59.00		46.31	57.04			92.18	**74.32**
Rajasthan	94.09	93.42	49.55	18.48		108.66	16.00		59.49		44.63	51.01		3.52	85.60	**76.57**
Tamil Nadu	52.03	92.75	45.82	6.77		64.35			55.35		52.95	56.13	52.07	44.95	89.99	**65.20**
U.P.(E)	69.06	95.37	43.23	16.90		94.32			67.26		47.99	52.39	58.71	2.46	88.83	**74.35**
U.P.(W)	59.72	76.34	46.34	11.19		91.98			59.91		49.66	49.01	58.63	4.84	89.13	**70.84**
West Bengal	51.95	86.18	48.78			79.84			73.70		63.05	35.54	54.59	1.87	89.11	**72.30**
Total	**55.85**	**91.17**	**53.18**	**25.56**	**45.20**	**93.18**	**41.15**	**36.07**	**65.05**	**28.53**	**48.69**	**55.40**	**57.62**	**43.90**	**86.64**	**73.03**

Circle	BSNL Dec-11	BSNL Jan-12	MTNL Dec-11	MTNL Jan-12	Bharti Dec-11	Bharti Jan-12	Reliance Dec-11	Reliance Jan-12	Tata Dec-11	Tata Jan-12	HFCL Dec-11	HFCL Jan-12	Sistema Dec-11	Sistema Jan-12	Total Dec-11	Total Jan-12	Net Add.
Andhra Pradesh	1966602	1964273	0	0	125010	125048	88155	88499	171570	171120	0	0	0	0	2351337	2348940	-2397
Assam	229088	228385	0	0	0	0	0	0	2595	2602	0	0	0	0	231683	230987	-696
Bihar	594446	594310	0	0	0	0	4790	4827	9899	10149	0	0	0	0	609135	609286	151
Delhi	0	0	1554281	1556643	1073939	1074176	181861	182449	75034	77040	0	0	0	0	2885115	2890308	5193
Gujarat	1637087	1630181	0	0	54932	54949	111453	110702	66713	65974	0	0	0	0	1870185	1861806	-8379
Haryana	554818	548403	0	0	23758	23769	4784	4876	17302	19107	0	0	0	0	600662	596155	-4507
Himachal Pradesh	309242	305985	0	0	0	0	4462	4462	1829	1861	0	0	0	0	315533	312308	-3225
J & K	206966	205100	0	0	0	0	0	0	327	334	0	0	0	0	207293	205434	-1859
Karnataka	1989078	1982030	0	0	489456	489563	110426	110870	118385	121345	0	0	0	0	2707345	2703808	-3537
Kerala	3082352	3078823	0	0	55416	55473	55773	55991	12337	12681	0	0	0	0	3205878	3202968	-2910
Kolkata	972575	977592	0	0	92099	92323	81789	81581	30325	30431	0	0	0	0	1176788	1181927	5139
Madhya Pradesh	853788	850448	0	0	299205	240365	35417	35659	9495	10127	0	0	0	0	1197905	1136599	-61306
Maharashtra	2273011	2256119	0	0	69995	70049	100860	101347	223657	225419	0	0	0	0	2667523	2652934	-14589
Mumbai	0	0	1899485	1899470	330555	330631	229521	230307	542151	542818	0	0	0	0	3001712	3003226	1514
North East	253057	252940	0	0	0	0	0	0	234	249	0	0	0	0	253291	253189	-102
Odisha	456115	453149	0	0	0	0	4113	4130	7194	7222	0	0	0	0	467422	464501	-2921
Punjab	1132502	1117328	0	0	105396	105423	33016	32348	15508	15540	198744	199315	0	0	1485166	1469954	-15212
Rajasthan	1079720	1071837	0	0	39150	39164	25253	25389	5485	5545	0	0	47699	47395	1197307	1189330	-7977
Tamil Nadu	2662526	2509358	0	0	484083	484146	146167	146962	61821	61761	0	0	0	0	3354597	3202227	-152370
U.P.(E)	1284226	1269513	0	0	50239	50294	40080	40346	13078	13125	0	0	0	0	1387623	1373278	-14345
U.P.(W)	779736	772128	0	0	24062	24080	5683	5689	7444	7518	0	0	0	0	816925	809415	-7510
West Bengal	686839	685082	0	0	0	0	2228	2263	5719	6113	0	0	0	0	694786	693458	-1328
Total	23003774	22752984	3453766	3456113	3317295	3259453	1265831	1268697	1398102	1408081	198744	199315	47699	47395	32685211	32392038	-293173
Net Addition		-250790		2347		-57842		2866		9979		571		-304		-293173	

Wireline Subscriber Base — Annexure-III

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.