Information Note to the Press **(Press Release No. 72/2012)**

TELECOM REGULATORY AUTHORITY OF INDIA

New Delhi, 7th April, 2012

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

**Highlights on Telecom Subscription Data as on 29th February 2012**

Particulars	Wireless	Wireline	Total Wireless+Wireline
Total Subscribers (Millions)	**911.17**	**32.33**	**943.49**
Total Net Addition (Millions)	7.44	-0.07	7.37
Monthly Growth (%)	0.82%	-0.21%	0.79%
Urban Subscribers (Millions)	**594.11**	**24.71**	**618.82**
Urban Subscribers Net Addition (Millions)	3.01	-0.02	2.99
Monthly Growth (%)	0.51%	-0.07%	0.49%
Rural Subscribers (Millions)	**317.06**	**7.62**	**324.68**
Rural Subscribers Net Addition (Millions)	4.43	-0.05	4.38
Monthly Growth (%)	1.42%	-0.65%	1.37%
Overall Teledensity*	**75.42**	**2.68**	**78.10**
Urban Teledensity*	162.61	6.76	169.37
Rural Teledensity*	37.62	0.90	38.53
Share of Urban Subscribers	65.20%	76.43%	65.59%
Share of Rural Subscribers	34.80%	23.57%	34.41%

- ❖ Mobile Number Portability requests increased from 32.79 million subscribers at the end of January 2012 to 37.11 million at the end of February 2012. In the month of February 2012 alone, 4.32 million requests have been made for MNP.

- ❖ Active wireless subscribers on the date of Peak VLR in February 2012 are 670.65 Million.

- ❖ Broadband subscription reached to 13.54 Million in February 2012 from 13.42 Million in January 2012.

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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 943.49 Million at the end of February, 2012 from 936.12 Million at the end of January 2012, thereby registering a growth rate of 0.79%. The share of Urban subscribers has declined to 65.59% from 65.79% whereas share of Rural Subscribers has increased to 34.41% in the month of February 2012. With this, the overall Tele-density in India reaches to 78.10 at the end of February, 2012 from 77.57 of the previous month.

Total (Wireless+Wireline) Subscribers in Million
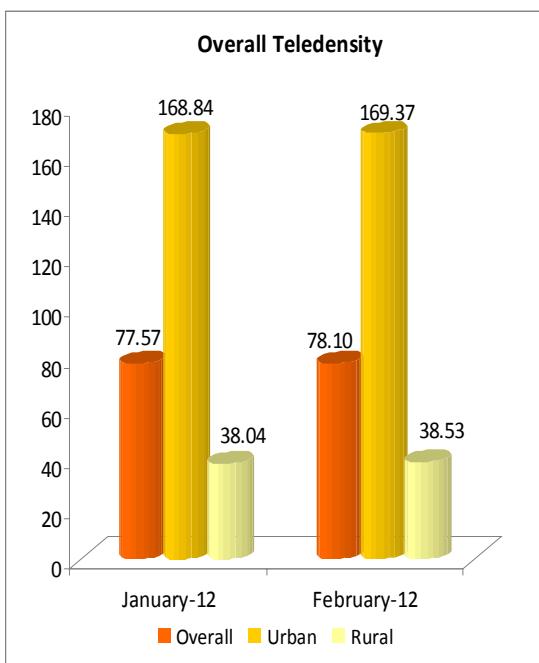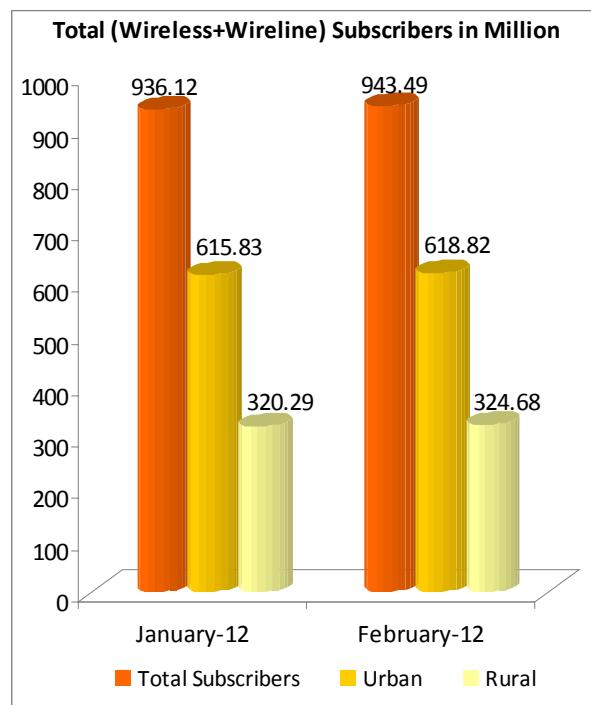
• Subscription in Urban Areas grew from 615.83 million in January, 2012 to 618.82 million at the end of February, 2012. Subscription in Rural Areas increased from 320.29 million to 324.68 million during the same period. The growth of Urban and Rural Subscription is 0.49% and 1.37% respectively. The overall Urban teledensity has increased from 168.84 to 169.37 and Rural teledensity increased from 38.04 to 38.53.

Overall Teledensity

Overall Teledensity (Circle Wise)

Overall Teledensity

| Circle	Teledensity
All India	78.10
Assam	45.46
Bihar	48.25
Madhya Pradesh	53.52
J & K	54.17
UP*	60.16
North East	64.74
Orissa	65.45
Rajasthan	71.80
West Bengal*	79.25
Andhra Pradesh	80.64
Haryana	87.82
Gujarat	90.04
Karnataka	96.81
Maharashtra*	96.50
Kerala	107.77
Punjab	113.25
Tamil Nadu	116.57
Himachal Pradesh	119.59
Delhi	236.33
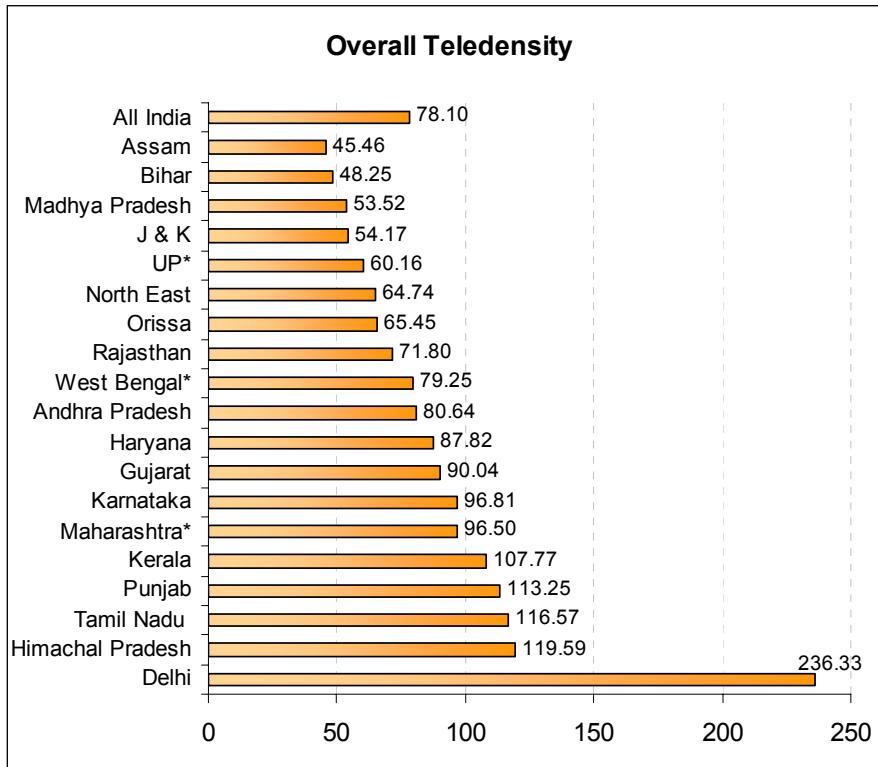
* Population data/Projections are available state wise only.

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).

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II. Wireless Segment (GSM, CDMA & FWP)

- Total Wireless subscriber base increased from 903.73 Million in January 2012 to 911.17 Million at the end of February 2012, registering a growth of 0.82%. The share of Urban Subscriber has marginally decreased from 65.41 % to 65.20% where as share of Rural Subscribers has marginally increased from 34.59% to 34.80%. The overall wireless Tele density in India reaches 75.42.

Total Wireless Subscribers (in Millions)

	January-12	February-12
Total Subscribers	903.73	911.17
Urban	591.10	594.11
Rural	312.62	317.06

Wireless Teledensity

	January-12	February-12
Overall	74.89	75.42
Urban	162.06	162.61
Rural	37.13	37.62
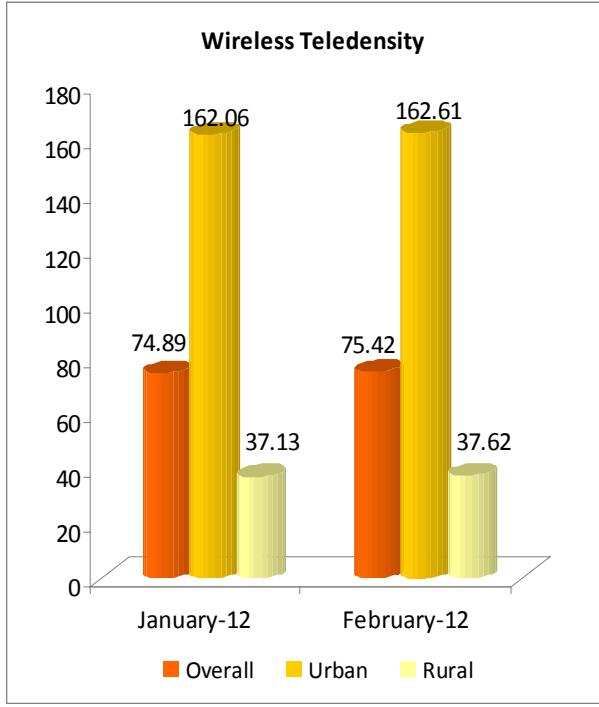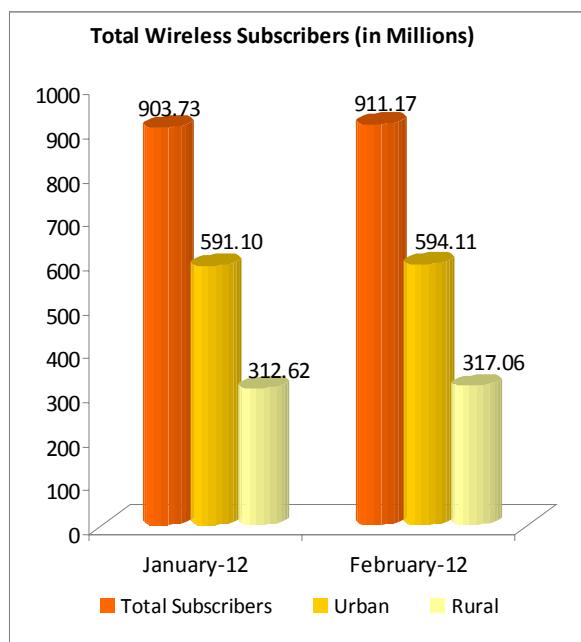
- Wireless subscription in Urban Areas increased from 591.10 million in January 2012 to 594.11 million at the end of February 2012. The subscription in Rural Areas increased from 312.62 million to 317.06 million during the same period. This shows higher growth in Rural Subscription (1.42%) than Urban Subscription (0.51%). The Urban wireless teledensity has increased from 162.06 to 162.61 and Rural teledensity has increased from 37.13 to 37.62. Detailed statistics is at Annexure I.

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• Private operators hold 88.64% of the wireless market share where as BSNL and MTNL, two PSU operators hold only 11.36% market share. The graphical presentations of market shares and shares in net additions of all the service providers during the month of February 2012 are given below:

A. Service Provider wise Market Share as on 29th February 2012.
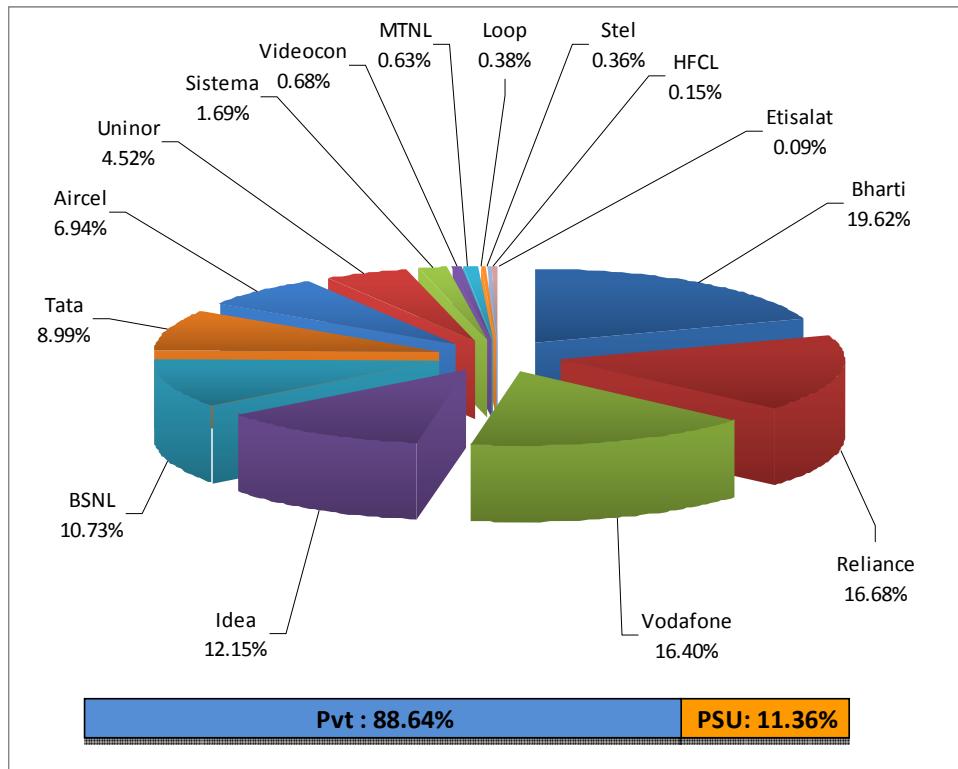
B. Service Providers' share in net additions during February 2012
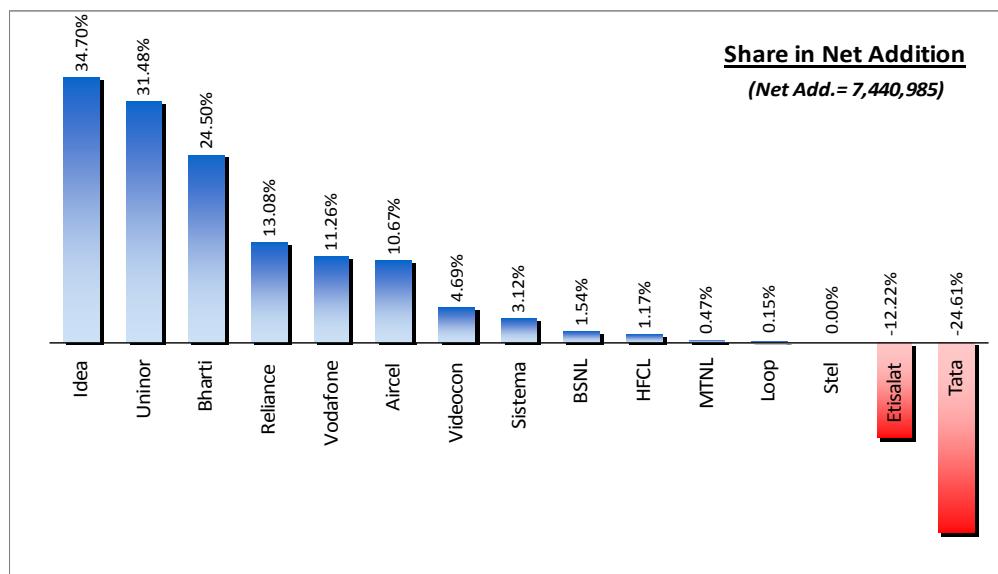

Note: The subscriber figures of S Tel are taken as on January 2012, due to non-submission of information for February 2012.

III. **VLR Data**

Out of the total 911.17 Million wireless subscribers, 670.65 Million were active on the date of Peak VLR for the month of 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. The proportion of VLR subscribers is approximately 73.60% of the total wireless subscriber base reported by the service providers.

Circle-wise, J&K has the highest proportion of VLR subscribers with 82.81% followed by Assam (82.13%) and MP (80.55%); Mumbai has the lowest proportion with 63.74%. Service Provider wise, Idea leads the tally with 92.90% followed by Bharti (91.88%); 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)
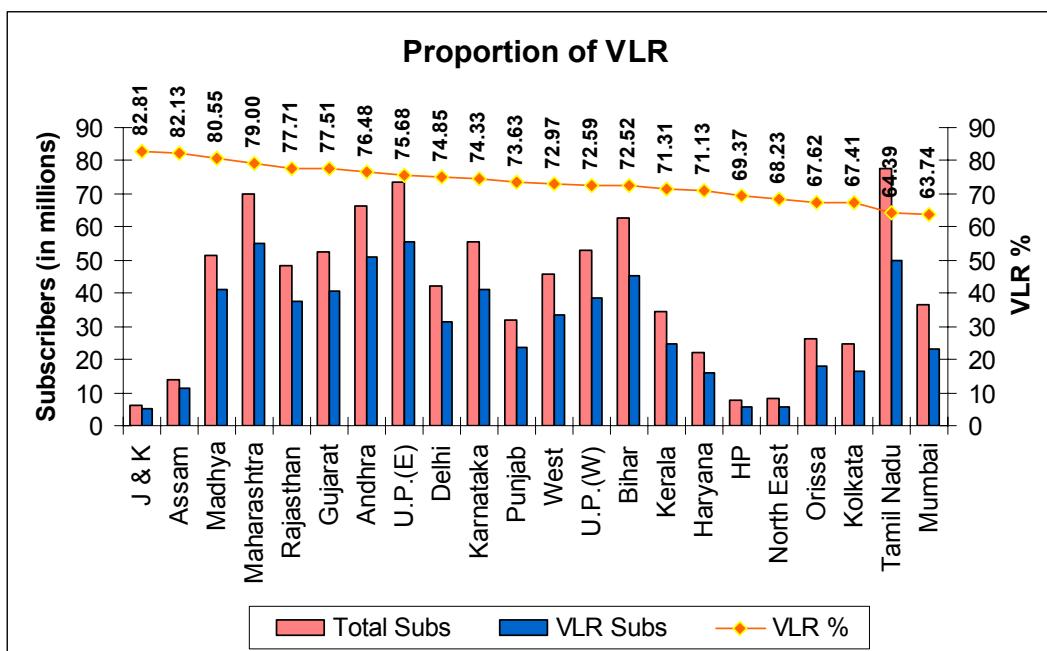
Proportion of VLR subscribers (Service Provider wise)
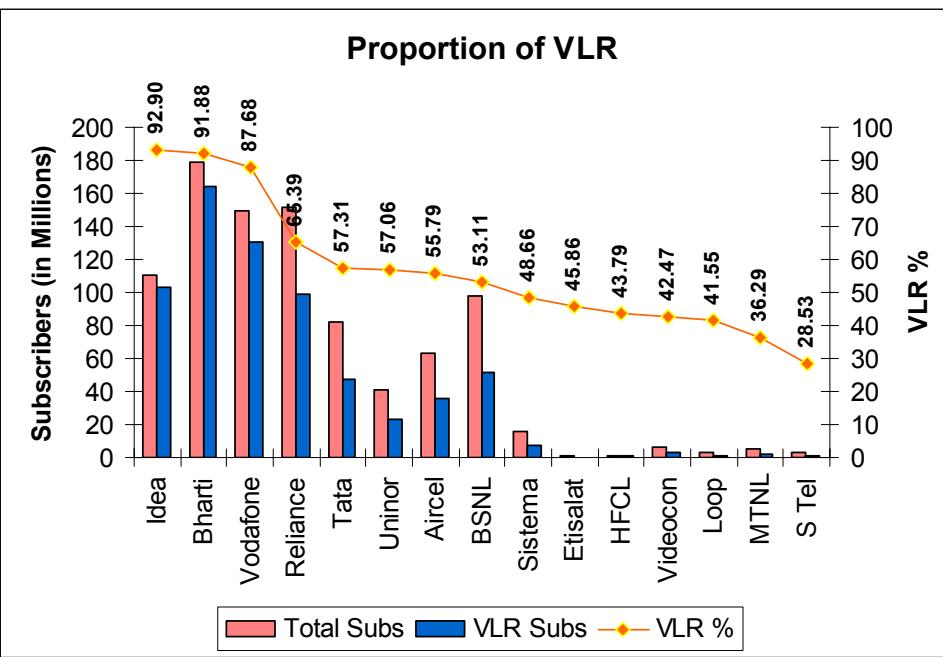
Proportion of VLR

VLR % values (line): Idea 92.90, Bharti 91.88, Vodafone 87.68, Reliance 65.39, Tata 57.31, Uninor 57.06, Aircel 55.79, BSNL 53.11, Sistema 48.66, Etisalat 45.86, HFCL 43.79, Videocon 42.47, Loop 41.55, MTNL 36.29, S Tel 28.53

Legend: Total Subs, VLR Subs, VLR %

* The subscriber figures of S Tel are taken as on January 2012, due to non-submission of information for Feb-2012.

IV. Mobile Number Portability

As per the data reported by the service providers, by the end of February 2012 about 37.11 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 (3.42 million) followed by Rajasthan (3.26 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (3.94 million) followed by Andhra Pradesh Service area (3.46 million). In the month of February 2012, total number of subscribers who have submitted their request for MNP is 4.32 million. The status of MNP requests in various service areas is given below:

Service Area Wise MNP Status at the end of February, 2012			
Zone -1		Zone - 2	
Service Area	Number of Porting Requests	Service Area	Number of Porting Requests
Delhi	1641506	Andhra Pradesh	3460753
Gujarat	3426450	Assam	85400
Himachal Pradesh	141593	Bihar	778624
Haryana	1642668	Karnataka	3940238
Jammu & Kashmir	6055	Kerala	1860763
Maharashtra	2909573	Kolkata	777454
Mumbai	1299078	Madhya Pradesh	2264486
Punjab	1436221	North East	27959
Rajasthan	3256438	Orissa	788425
Uttar Pradesh - East	2031205	Tamil Nadu	2232754
Uttar Pradesh - West	2038921	West Bengal	1064683
Total	**19829708**	**Total**	**17281539**
Total (Zone-1 + Zone-2)			**37111247**
Net Addition (in February 2012)			**4322509**

V. **Wireline Segment**

Wireline subscriber base declined from 32.39 Million at the end of January 2012 to 32.33 Million at the end of February 2012. The share of Urban Subscribers has increased from 76.32% to 76.43% where as share of Rural Subscribers has declined from 23.68% to 23.57%. The overall wireline tele-density in India has remained, more or less, stable at 2.68 with urban and rural teledensity being 6.76 and 0.90 respectively. BSNL and MTNL, two PSU operators hold 80.76% of the Wireline market share. Detailed statistics is at Annexure-III. The graphical presentation of market share of all service providers as on 29th February 2012 is given below:

A. Service Provider wise Market Share as on 29th Feb. 2012
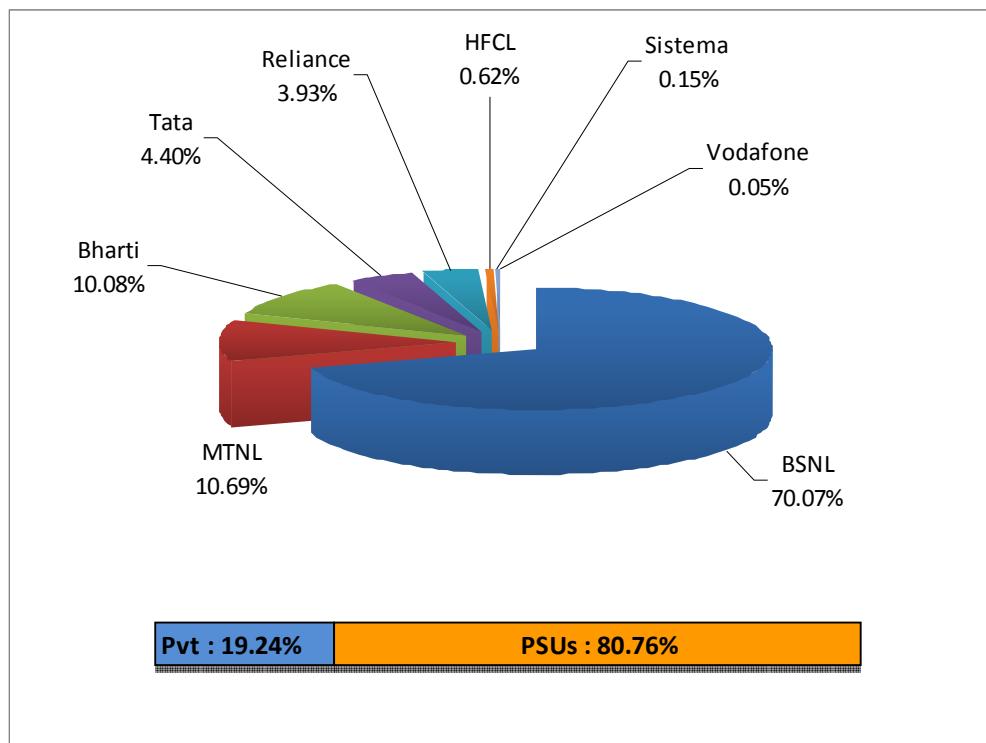
Note: *Fixed line subscriber base corresponding to Vodafone is for corporate customers, which they have started reporting to TRAI from February 2012.*

B. Service providers' share in Net Addition during February 2012.

Share in Net addition *(Net addition= -66562)*

Provider	Share
Bharti	0.73%
BSNL	-152.95%
HFCL	1.36%
MTNL	-1.30%
Reliance	1.50%
Sistema	1.01%
Tata	23.23%
Vodafone	26.41%
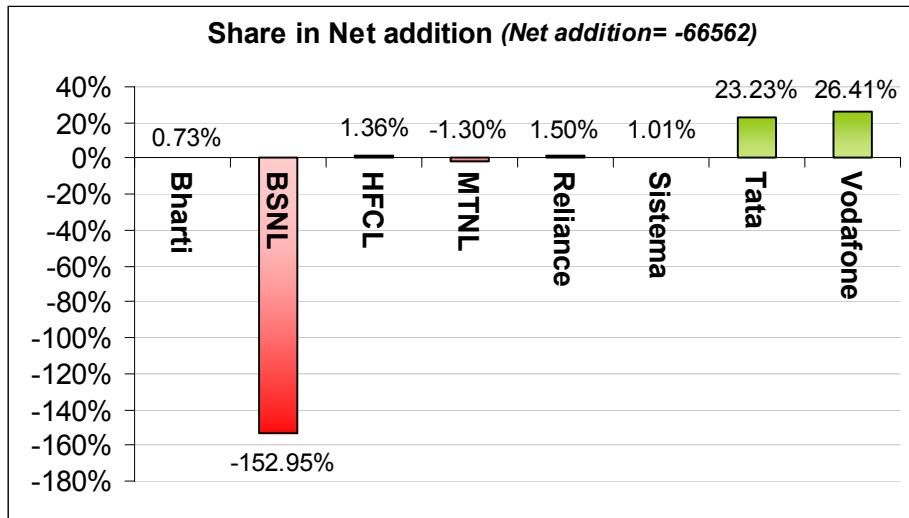
VI. Category wise Growth

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

Category wise Net Additions and subscriber base

Category	Net Additions during the month of February, 2012		Subscriber Base as on 29th February, 2012	
	Wireline	Wireless	Wireline	Wireless
Circle A	-14356.7	3789806	12769715	322010067
Circle B	-57196	3320601	10471157	360624143
Circle C	-5998	1251812	2075705	125336344
Metro	10988.43	-921234	7075461	103197639
All India	**-66562**	**7440985**	**32392038**	**911168193**

Category-wise Growth Rate in Access Service

Category	Monthly Rate of Growth (Feb-2011 to Feb-2012)		Yearly rate of growth (Feb-2011 to Feb-2012)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.11%	1.19%	-4.97%	14.03%
Circle B	-0.55%	0.93%	-8.24%	16.56%
Circle C	-0.29%	1.01%	-27.95%	19.63%
Metro	0.16%	-0.88%	-1.86%	8.83%
All India	**-0.21%**	**0.82%**	**-7.28%**	**15.14%**

- 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 13.42 million at the end of January 2012 to 13.54 million at the end of February 2012, there by showing a monthly growth of 0.87%. Yearly growth in broadband subscribers is 18.02% during the last one year (Feb. 2011 to Feb. 2012).

As on 29th Feb. 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 8.78 million subscribers, Bharti Airtel with 1.36 million and MTNL with 1.03 million subscribers.

Broadband Market Share

Others, 17.5%
MTNL, 7.6%
Bharti, 10.0%
BSNL, 64.8%

BSNL Bharti MTNL Others

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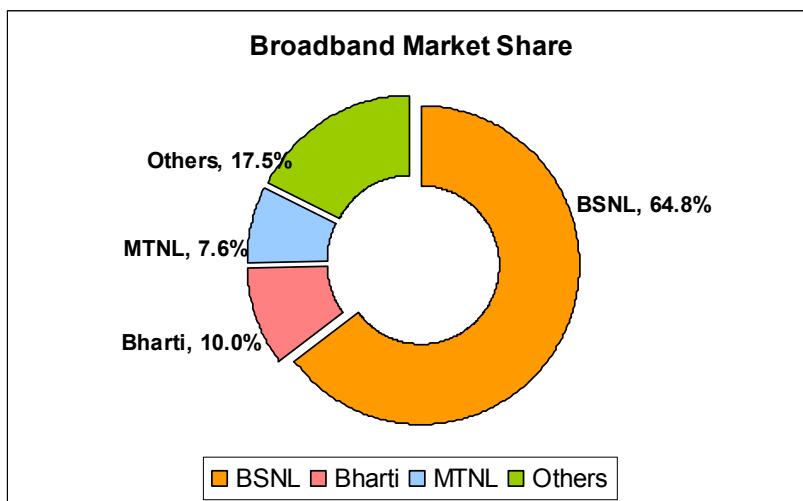
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Note: Information in the Press Release is based on the data provided by the Service Providers.

	Wireless Subscriber Base										Annexure-I	
	Group											
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel/Dishnet	
Circle	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12
Andhra Pradesh	17900408	18005577	9349500	9443471	6784329	6624192	7707188	7697402	9623900	9874869	1957801	1877284
Assam	3565349	3604326	2686136	2771995	1951967	2000504	127535	127528	287682	298823	3704649	3700224
Bihar	16816652	17075806	9462237	9491206	5799023	5887902	5002835	4966124	5476438	5598131	5082942	5135743
Delhi	8589731	8666307	8686907	8653048	8340459	8415704	4856373	4640386	4585267	4736999	2364118	2444970
Gujarat	6814699	6867664	8170553	8309872	15761617	15947610	3857732	3754102	7713978	7944883	591428	625241
Haryana	2275808	2349201	4260263	4265016	4343430	4368831	2867646	2848288	3431364	3559508	583521	594308
Himachal Pradesh	1777668	1806122	1872074	1837334	422962	433969	400506	399813	429235	442471	693185	725663
J & K	2026209	2052589	520531	537378	685929	700996	116735	118169	162560	170863	1575250	1606563
Karnataka	15278989	15353628	8045188	8069504	6614514	6684965	7014596	7101538	5528696	5599658	1731093	1700038
Kerala	3501206	3507520	4253749	4266119	5825894	5838915	2376342	2391961	7402840	7398445	2415121	2351517
Kolkata	3801989	3830230	5342181	5403634	4445740	4419352	3156152	3029610	1210597	1283469	1776039	1792172
Madhya Pradesh	9602627	9635114	12286268	12288542	3790520	4005622	4950199	4957233	13315056	13532307	834563	862474
Maharashtra	9449972	9646997	10844584	10901353	12659140	12853290	9198909	8676060	14972162	15139241	1205671	1222626
Mumbai	3714217	3719123	8761138	8714220	6002506	5902412	5177457	4673113	2818843	2866050	1202151	1252429
North East	2194615	2228206	906254	955146	916493	928000	75687	75407	191918	195971	2371230	2377169
Odisha	6003168	6175241	4700014	4699435	2514974	2552046	2513609	2515623	976758	1028637	2759507	2873435
Punjab	6926186	6944261	4914581	4953072	4454905	4504979	3097240	3168079	5194458	5365154	873883	889984
Rajasthan	13768431	14011209	7673753	7694048	9409930	9257085	3927410	3802547	3762139	3950149	1405751	1523698
Tamil Nadu	13266658	13292922	8653682	8742594	12235508	12248080	4511465	4549243	2018098	2084095	21868334	22074747
U.P.(E)	14019449	14295939	12499488	12586458	14559374	14689390	4640824	4659549	7054244	7310273	2365414	2460822
U.P.(W)	6625502	6631344	9705091	9797371	9464037	9504231	4933645	4736206	9995876	10214038	2038307	2103031
West Bengal	9034631	9077805	7434027	7620750	11618854	11672101	3208778	2999751	1975171	2115580	3062163	3061930
Total	176954164	178777131	151028199	152001566	148602105	149440176	83718863	81887732	108127280	110709614	62462121	63256068
Net Addition		1822967		973367		838071		-1831131		2582334		793947

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Circle	BSNL		MTNL		Uninor		Sistema		Loop		Videocon	
	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12	Jan-12	Feb-12
Andhra Pradesh	8940056	8949035	0	0	3142932	3468012	618866	621737	0	0	10934	10933
Assam	1604587	1250394	0	0	127	172	1134	1229	325	325	0	0
Bihar	6033464	6110271	0	0	4571564	4655224	1572850	1580729	364	364	20299	20095
Delhi	0	0	2826624	2851834	0	0	1074913	1127867	0	0	0	0
Gujarat	4135930	4187494	0	0	3052199	3463080	128836	142587	73	73	1234333	1318783
Haryana	2994325	2986988	0	0	205	273	213261	206924	93	88	852165	923538
Himachal Pradesh	1716774	1709085	0	0	61	94	313	544	0	0	79015	78709
J & K	1014332	1036358	0	0	40	75	516	297	0	0	0	0
Karnataka	6665782	6759761	0	0	1823105	1986471	2074851	2127990	618	653	11987	11900
Kerala	6955611	7046043	0	0	722923	713853	622228	630758	0	0	238083	240595
Kolkata	2401422	2413871	0	0	1698321	1761685	816077	841383	2348	2369	2966	4152
Madhya Pradesh	4854454	4725504	0	0	883	845	1888	2071	270	307	1158819	1234316
Maharashtra	6018121	6121687	0	0	4080333	4507648	712265	731410	357	413	13681	13830
Mumbai	0	0	2912105	2921883	1424832	1481997	677237	503662	3240766	3252030	980278	1024215
North East	1558450	1587344	0	0	51	62	188	205	41	41	0	0
Odisha	4308907	4371415	0	0	1347034	1379335	434	519	966	965	10670	10673
Punjab	4742674	4727579	0	0	319	399	691	808	147	145	0	0
Rajasthan	5662270	5656771	0	0	383	645	2351655	2355410	400	421	10570	10849
Tamil Nadu	9546801	9597504	0	0	1677247	1998367	1657076	1752738	0	0	1179228	1248902
U.P.(E)	10189190	10157472	0	0	7054485	6973229	456560	487100	0	0	16722	16719
U.P.(W)	4729667	4773450	0	0	4560885	4848913	452964	492396	8	8	8827	8825
West Bengal	3563744	3583168	0	0	3640447	3900324	1715463	1773784	0	0	20152	20575
Total	97636561	97751194	5738729	5773717	38798376	41140703	15150266	15382148	3246776	3258202	5848729	6197609
Net Addition		114633		34988		2342327		231882		11426		348880

Wireless Subscriber Base   Annexure-I

Circle	S-Tel* Jan-12	S-Tel* Feb-12	HFCL Jan-12	HFCL Feb-12	Etisalat Jan-12	Etisalat Feb-12	Total Jan-12	Total Feb-12	Net Add.
Andhra Pradesh	0	0	0		34868	16217	66070782	66588729	517947
Assam	79992	79992	0		0	0	14009483	13835512	-173971
Bihar	2029624	2029624	0		41222	16974	61909514	62568193	658679
Delhi	0	0	0		759210	423731	42083602	41960846	-122756
Gujarat	0	0	0		32712	16840	51494090	52578229	1084139
Haryana	0	0	0		15171	7161	21837252	22110124	272872
Himachal Pradesh	454924	454924	0		0	0	7846717	7888728	42011
J & K	0	0	0		0	0	6102102	6223288	121186
Karnataka	0	0	0		29712	14240	54819131	55410346	591215
Kerala	0	0	0		12097	5435	34326094	34391161	65067
Kolkata	0	0	0		0	0	24653832	24781927	128095
Madhya Pradesh	0	0	0		78190	35557	50873737	51279892	406155
Maharashtra	0	0	0		35051	15568	69190246	69830123	639877
Mumbai	0	0	0		469909	143732	37381439	36454866	-926573
North East	32083	32083	0		0	0	8247010	8379634	132624
Odisha	833665	833665	0		0	0	25969706	26440989	471283
Punjab	0	0	1292888	1379754	18440	8986	31516412	31943200	426788
Rajasthan	0	0	0		35987	18756	48008679	48281588	272909
Tamil Nadu	0	0	0		31915	13448	76646012	77602640	956628
U.P.(E)	0	0	0		50246	25300	72905996	73662251	756255
U.P.(W)	0	0	0		47133	20346	52561942	53130159	568217
West Bengal	0	0	0		0	0	45273430	45825768	552338
Total	**3430288**	**3430288**	**1292888**	**1379754**	**1691863**	**782291**	**903727208**	**911168193**	**7440985**
Net Addition		**0**		**86866**		**-909572**		**7440985**	

* The subscriber figures of S Tel are taken as on January 2012, due to non-submission of information for Feb-2012.

Proportion of VLR on the date of Peak VLR in the month of February, 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	60.95	94.99	70.65	0.06		92.86			58.45		59.50	63.57	57.94	4.45	66.33	**76.48**
Assam	78.37	95.65	70.72			94.52	7.69		68.88	52.77	87.88	74.34			90.03	**82.13**
Bihar	45.90	97.84	35.44	9.24		94.03			72.71	24.58	38.02	47.52	57.14	6.85	99.47	**72.52**
Delhi	53.53	84.00		64.97		87.00		40.67	78.21		27.13	49.45			93.79	**74.85**
Gujarat	87.42	87.79	58.43	1.66		91.25			64.90		43.01	62.21	59.33	47.50	87.84	**77.51**
Haryana	33.76	94.12	51.54			91.32			52.63			61.44		40.80	93.80	**71.13**
Himachal Pradesh	58.60	95.09	60.18			92.42			61.52		12.7	35.12		14.43	97.74	**69.37**
J & K	84.08	96.13	65.67			91.37			68.95			68.51			77.21	**82.81**
Karnataka	39.68	92.62	53.52	1.10		91.13			66.05		62.01	63.80	52.40	0.61	77.60	**74.33**
Kerala	40.85	84.85	64.83	3.55		94.42			57.04		49.25	59.46	33.67	24.60	83.17	**71.31**
Kolkata	53.59	87.10	33.92			72.73	2.15		67.40		52.71	68.10	49.90		82.11	**67.41**
Madhya Pradesh	57.53	90.63	56.73	3.57		100.85	36.48		72.03		50.65	68.00		43.48	74.58	**80.55**
Maharashtra	42.83	87.98	67.34	0.71		96.42			63.29		49.26	63.61	64.11	2.45	91.51	**79.00**
Mumbai	52.66	86.10		54.99		82.15	41.61	32.02	70.02		27.17	47.78	56.14	46.84	82.47	**63.74**
North East	69.83	96.01	22.38			90.95	9.76		57.30	33.24		75.64			82.91	**68.23**
Orissa	50.06	95.36	58.64			65.37	2.07		60.83	28.88	119.27	53.37	51.09	1.15	84.97	**67.62**
Punjab	55.17	91.48	51.40	0.23	43.79	91.49	13.10		56.27		41.46	56.38			92.32	**73.63**
Rajasthan	94.17	93.43	50.35	0.00		107.66	15.20		60.98		45.59	53.40		4.35	87.45	**77.71**
Tamil Nadu	51.24	93.40	45.65	1.61		65.32			54.68		49.91	56.75	46.01	42.85	88.22	**64.39**
U.P.(E)	68.80	96.45	43.46	0.39		93.62			68.33		46.37	52.55	62.54	12.18	91.00	**75.68**
U.P.(W)	61.40	79.78	48.61	0.74		92.45			61.20		47.58	51.73	57.42	3.72	92.17	**72.59**
West Bengal	51.85	86.73	48.23			78.54			74.01		62.58	38.12	53.74	2.06	90.79	**72.97**
Total	**55.79**	**91.88**	**53.11**	**45.86**	**43.79**	**92.90**	**41.55**	**36.29**	**65.39**	**28.53**	**48.66**	**57.31**	**57.06**	**42.47**	**87.68**	**73.60**

* The subscriber figures of S Tel are taken as on January 2012, due to non-submission of information for Feb-2012.

Wireline Subscriber Base   **Annexure-III**

Circle	BSNL Jan-12	BSNL Feb-12	MTNL Jan-12	MTNL Feb-12	Bharti Jan-12	Bharti Feb-12	Reliance Jan-12	Reliance Feb-12	Tata Jan-12	Tata Feb-12	HFCL Jan-12	HFCL Feb-12	Sistema Jan-12	Sistema Feb-12	Vodafone Jan-12	Vodafone Feb-12	Total Jan-12	Total Feb-12	Net Add.
Andhra Pradesh	1964273	1967206			125048	125070	88499	88795	171120	172718					0	750	2348940	2354539	5599
Assam	228385	228179							2602	2582							230987	230761	-226
Bihar	594310	594198					4827	4859	10149	9730							609286	608787	-499
Delhi	0		1556643	1559242	1074176	1074222.4	182449	183027	77040	78189					0	7710	2890308	2902390	12082.431
Gujarat	1630181	1619725			54949	55006	110702	109943	65974	66760					0	30	1861806	1851464	-10342
Haryana	548403	545324			23769	23812.688	4876	4956	19107	19689							596155	593782	-2373.313
Himachal Pradesh	305985	304013					4462	4462	1861	1903							312308	310378	-1930
J & K	205100	204165							334	334							205434	204499	-935
Karnataka	1982030	1976209			489563	489640	110870	110590	121345	123100					0	1590	2703808	2701129	-2679
Kerala	3078823	3073401			55473	55487	55991	56202	12681	12317							3202968	3197407	-5561
Kolkata	977592	969509			92323	92335	81581	81377	30431	31082					0	690	1181927	1174993	-6934
Madhya Pradesh	850448	848544			240365	240379	35659	35032	10127	10990					0	30	1136599	1134975	-1624
Maharashtra	2256119	2247892			70049	70088.3	101347	101816	225419	230666					0	210	2652934	2650672	-2261.7
Mumbai	0	0	1899470	1896006	330631	330679	230307	230812	542818	545869					0	5700	3003226	3009066	5840
North East	252940	252383							249	244							253189	252627	-562
Odisha	453149	451438					4130	4143	7222	7044					0	30	464501	462655	-1846
Punjab	1117328	1100762			105423	105427	32348	31682	15540	15289	199315	200222			0	90	1469954	1453472	-16482
Rajasthan	1071837	1064300			39164	39176	25389	25703	5545	5795			47395	48070	0	90	1189330	1183134	-6196
Tamil Nadu	2509358	2502289			484146	484187	146962	147727	61761	62691					0	660	3202227	3197554	-4673
U.P.(E)	1269513	221650			50294	50323.063	40346	40588	13125	13124							1373278	325685	-1047593
U.P.(W)	772128	1796518			24080	24105.25	5689	5690	7518	7518							809415	1833831	1024416.3
West Bengal	685082	683475					2263	2290	6113	5910							693458	691675	-1783
Total	**22752984**	**22651180**	**3456113**	**3455248**	**3259453**	**3259938**	**1268697**	**1269694**	**1408081**	**1423544**	**199315**	**200222**	**47395**	**48070**	**0**	**17580**	**32392038**	**32325476**	**-66562**
Net Addition		**-101804**		**-865**		**485**		**997**		**15463**		**907**		**675**		**17580**		**-66562**	

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.