

**TELECOM REGULATORY AUTHORITY OF INDIA**

New Delhi, 27th June, 2012

(www.traigov.in)



सत्यमेव जयते

**Highlights on Telecom Subscription Data as on 30<sup>th</sup> April 2012**

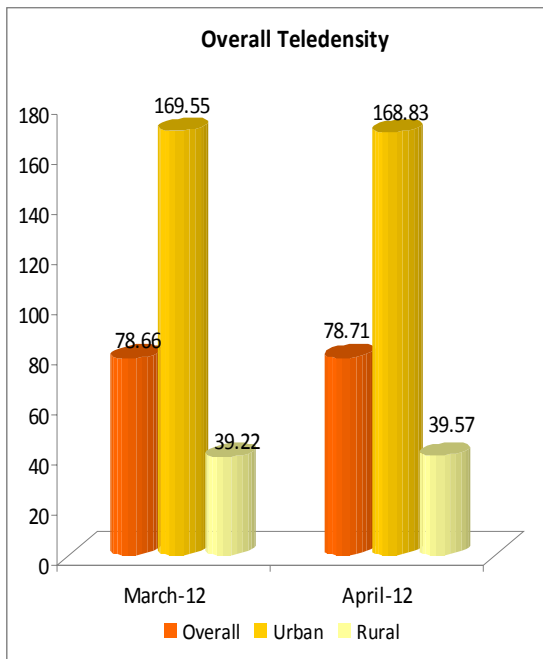
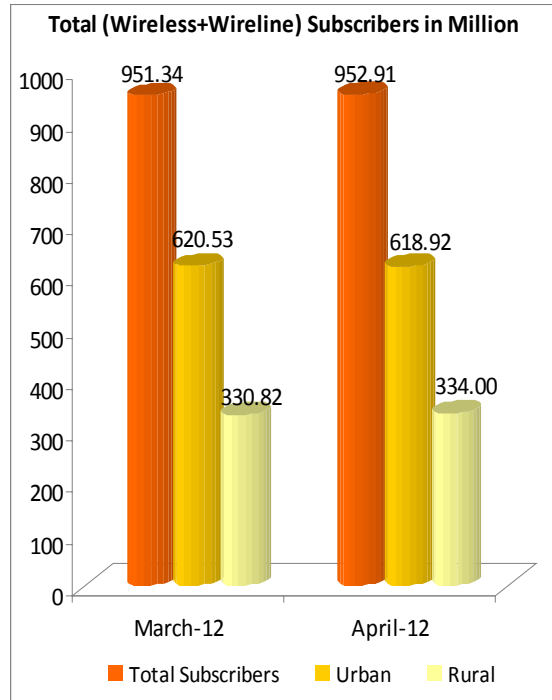
<b>Particulars</b>	<b>Wireless</b>	<b>Wireline</b>	<b>Total</b> <small>Wireless+Wireline</small>
<b>Total Subscribers</b> (Millions)	<b>921.02</b>	<b>31.89</b>	<b>952.91</b>
Total Net Addition (Millions)	1.85	-0.28	1.57
Monthly Growth (%)	0.20%	-0.87%	0.16%
<b>Urban Subscribers</b> (Millions)	<b>594.45</b>	<b>24.47</b>	<b>618.92</b>
Urban Subscribers Net Addition (Millions)	-1.45	-0.16	-1.61
Monthly Growth (%)	-0.24%	-0.64%	-0.26%
<b>Rural Subscribers</b> (Millions)	<b>326.57</b>	<b>7.43</b>	<b>334.00</b>
Rural Subscribers Net Addition (Millions)	3.30	-0.12	3.18
Monthly Growth (%)	1.02%	-1.60%	0.96%
<b>Overall Teledensity*</b>	<b>76.07</b>	<b>2.63</b>	<b>78.71</b>
Urban Teledensity*	162.15	6.67	168.83
Rural Teledensity*	38.69	0.88	39.57
Share of Urban Subscribers	64.54%	76.72%	64.95%
Share of Rural Subscribers	35.46%	23.28%	35.05%

- ❖ Mobile Number Portability requests increased from 41.88 million subscribers at the end of March 2012 to 45.89 million at the end of April 2012. In the month of April 2012 alone, 4.01 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in April 2012 are 686.58 Million, 74.55% of the total subscribers.
- ❖ Broadband subscription reached 13.95 Million in April 2012 from 13.79 Million in March 2012.

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

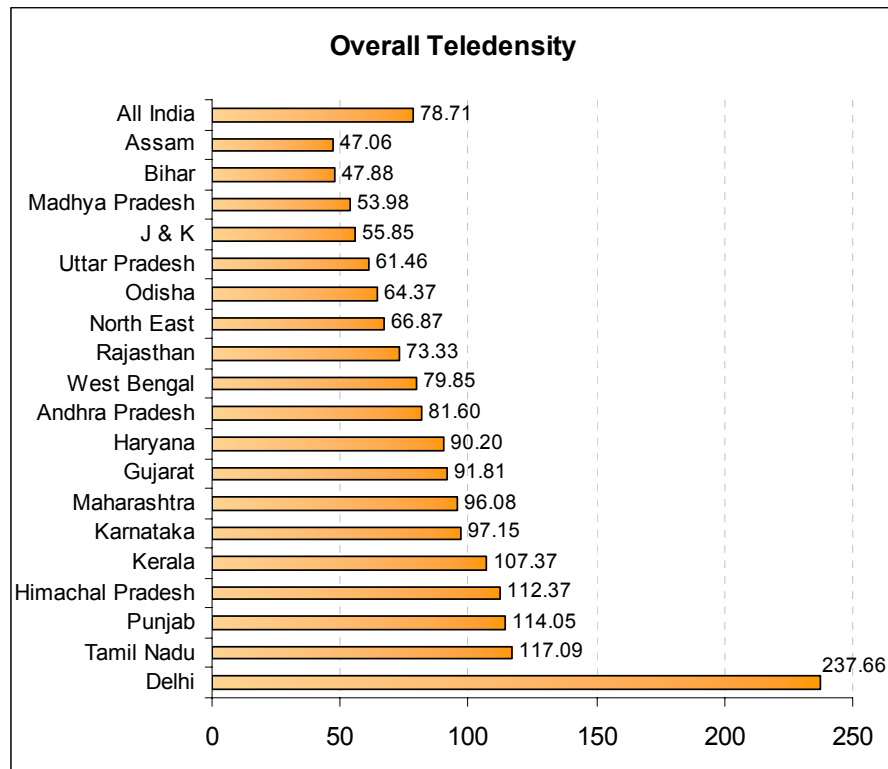
## I. Total Telephone Subscribers

• The number of telephone subscribers in India increased to 952.91 Million at the end of April, 2012 from 951.34 Million at the end of March 2012, thereby registering a growth rate of 0.16%. The share of Urban subscribers has declined to 64.95% from 65.23% whereas share of Rural Subscribers has increased to 35.05% in the month of April 2012. With this, the overall Tele-density in India reaches to 78.71 at the end of April, 2012 from 78.66 of the previous month.



• Subscription in Urban Areas declined from 620.53 million in March, 2012 to 618.92 million at the end of April, 2012. Subscription in Rural Areas increased from 330.82 million to 334.00 million during the same period. The growth rate of Urban and Rural Subscription is -0.26% and 3.18% respectively. The overall Urban teledensity has decreased from 169.55 to 168.83 and Rural teledensity increased from 39.22 to 39.57.

## Overall Teledensity (Circle Wise)

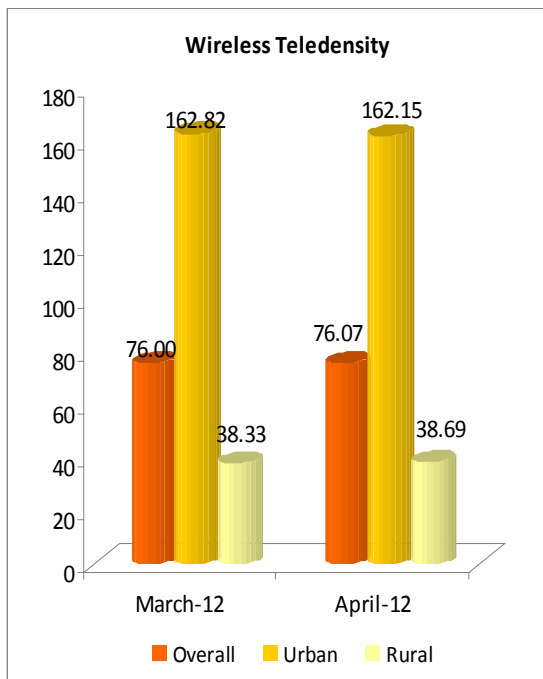
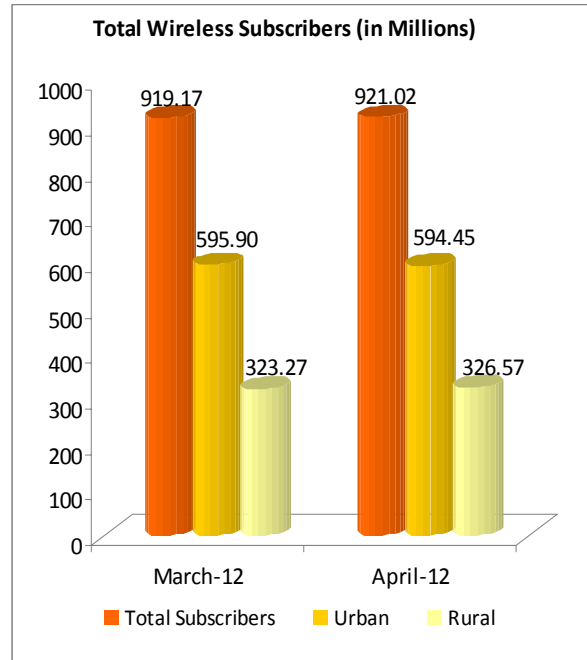


### Notes:

1. Population data/Projections are available state wise only.
2. Teledensity figures are derived from the subscriber data provided by the operators and the population projections published by the Office of the Registrar General & Census Commissioner, India.
3. Delhi Service area, apart from the State of Delhi, includes wireless subscribers of the areas served by the local exchanges of Ghaziabad & Noida (in UP) and Gurgaon & Faridabad (in Haryana). West Bengal service area includes Kolkata, Maharashtra includes Mumbai and Tamil Nadu includes Chennai

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

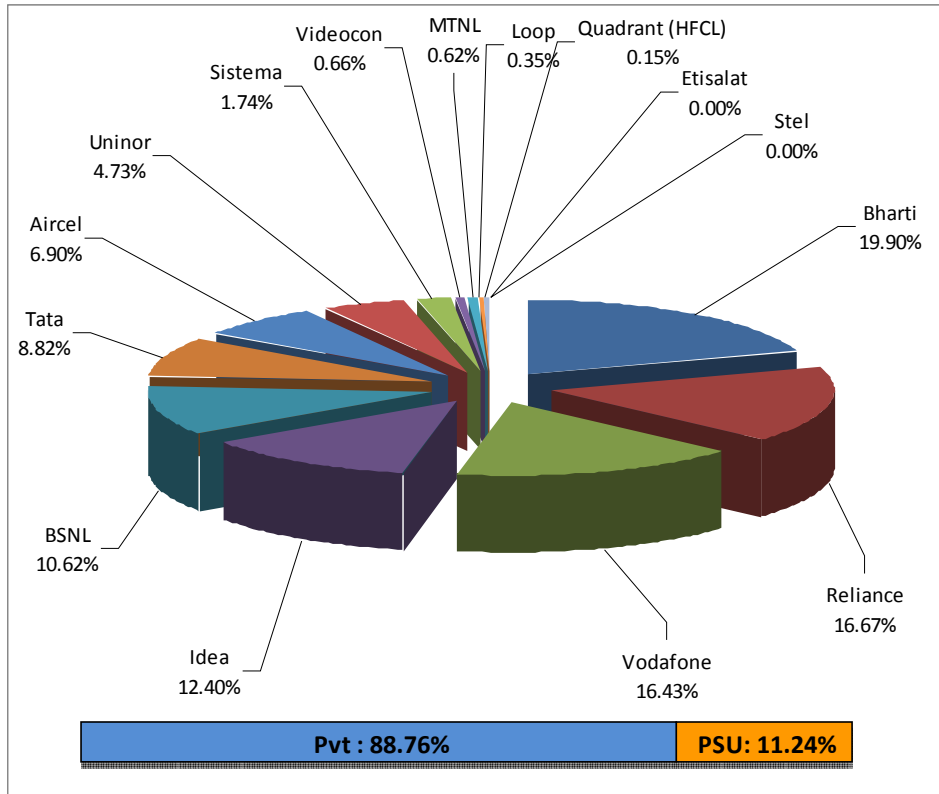
- Total Wireless subscriber base increased from 919.17 Million in March 2012 to 921.02 Million at the end of April 2012, registering a growth of 0.20%. The share of Urban Subscriber has decreased from 64.83 % to 64.54% where as share of Rural Subscribers has increased from 35.17% to 35.46%. The overall wireless Tele density in India reaches 76.07.



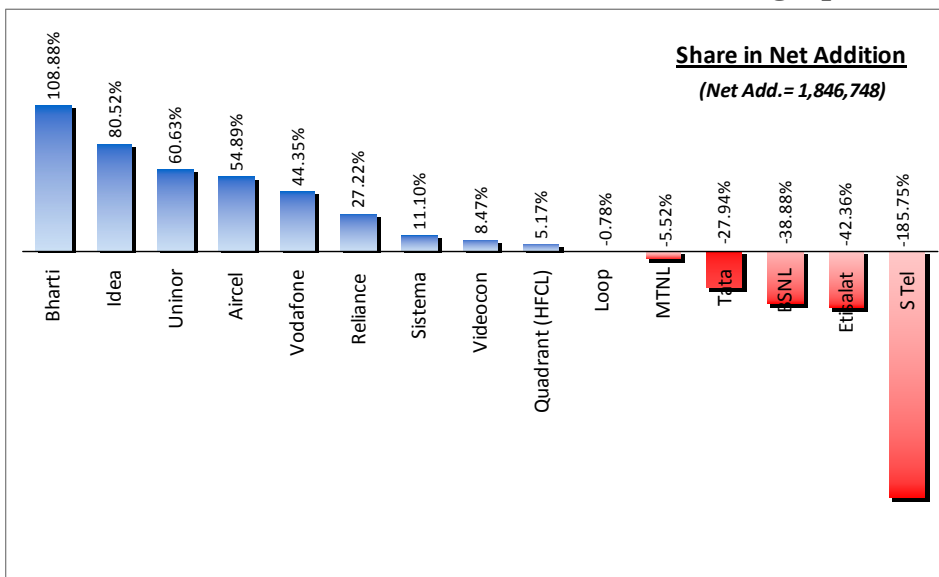
- Wireless subscription in Urban Areas decreased from 595.90 million in March 2012 to 594.45 million at the end of April 2012. The subscription in Rural Areas increased from 323.27 million to 326.57 million during the same period. This shows higher growth in Rural Subscription (1.02%) than Urban Subscription (-0.24%). The Urban wireless teledensity has decreased from 162.82 to 162.15 and Rural teledensity has increased from 38.33 to 38.69. Detailed statistics is at Annexure I.

- Private operators hold 88.76% of the wireless market share where as BSNL and MTNL, two PSU operators hold only 11.24% market share. The graphical presentations of market shares and shares in net additions of all the service providers during the month of April, 2012 are given below:

**A. Service Provider wise Market Share as on 30<sup>th</sup> April, 2012.**



**B. Service Providers' share in net additions during April 2012**



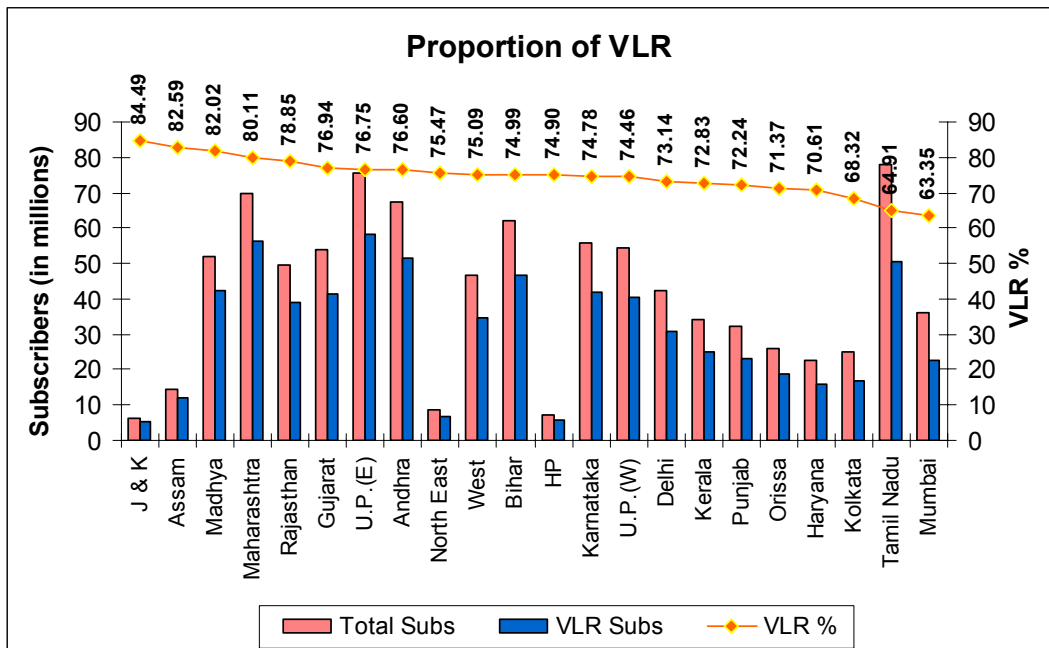
Note: M/s Etisalat, S Tel and Loop (except for Mumbai circle) have submitted that there are no active subscribers on their network hence their figures have been taken as Zero.

### III. VLR Data

Out of the total 921.02 Million wireless subscribers, 686.58\* Million were active on the date of Peak VLR for the month of April 2012. The proportion of VLR subscribers is approximately 74.55% of the total wireless subscriber base reported by the service providers.

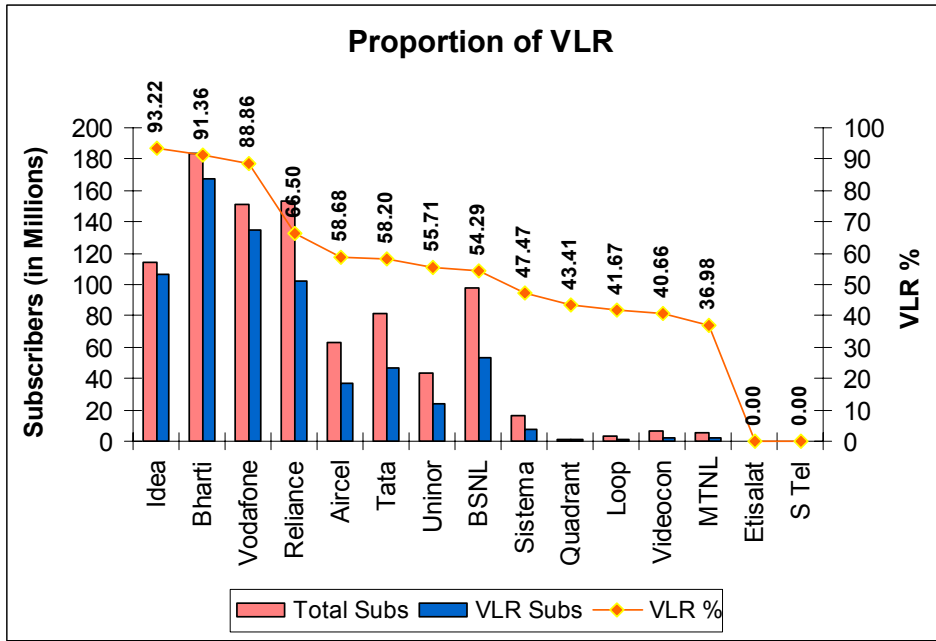
Circle-wise, J&K has the highest proportion of VLR subscribers with 84.49% followed by Assam (82.59%) and MP (82.02 %); Mumbai has the lowest proportion with 63.35%. Service Provider wise, Idea leads the tally with 93.22% followed by Bharti (91.36%). *M/s Etisalat, and S Tel have submitted that there are no active subscribers on their network hence their figures have been taken as Zero.* 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 3.64 million.

**Proportion of VLR subscribers (Service Provider wise)**



*Note M/s Etisalat, S Tel and Loop (except for Mumbai circle) have submitted that there are no active subscribers on their network hence their figures have been taken as Zero.*

#### **IV. Mobile Number Portability**

As per the data reported by the service providers, by the end of April 2012 about 45.89 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 (4.23 million) followed by Rajasthan (4.10 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (5.11 million) followed by Andhra Pradesh Service area (4.44 million). In the month of April 2012, total number of subscribers who have submitted their request for MNP is 4.01 million. The status of MNP requests in various service areas is given below:

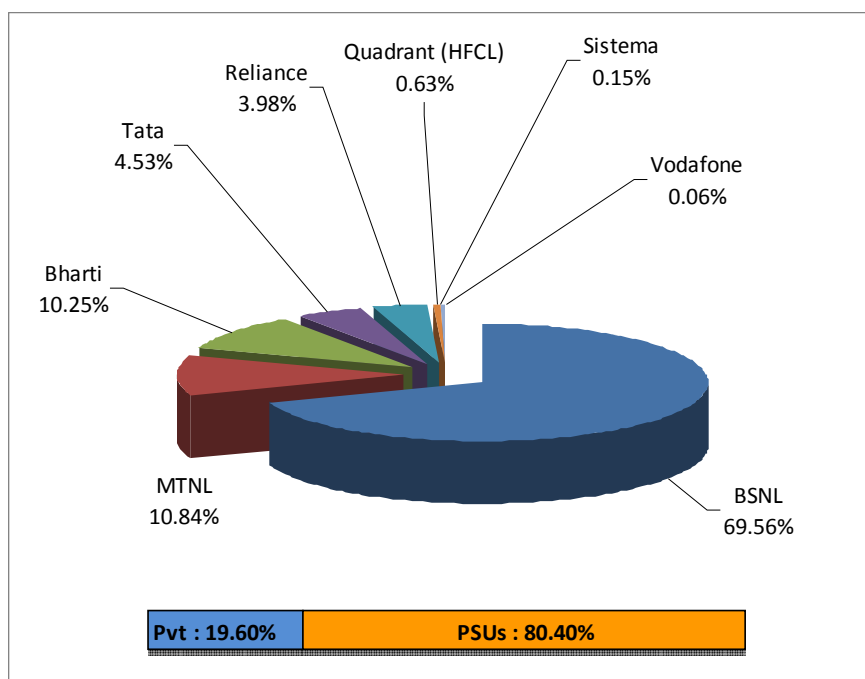
<b>Service Area Wise MNP Status at the end of April, 2012</b>			
<b>Zone - 1</b>		<b>Zone - 2</b>	
<b>Service Area</b>	<b>Number of Porting Requests</b>	<b>Service Area</b>	<b>Number of Porting Requests</b>
Delhi	1830062	Andhra Pradesh	4439028
Gujarat	4227298	Assam	134349
Himachal Pradesh	205053	Bihar	915194
Haryana	1956298	Karnataka	5114238
Jammu & Kashmir	7424	Kerala	2207237
Maharashtra	3709223	Kolkata	949402
Mumbai	1590140	Madhya Pradesh	2694976
Punjab	1740472	North East	48904
Rajasthan	4104319	Orissa	926910
Uttar Pradesh - East	2618988	Tamil Nadu	2639679
Uttar Pradesh - West	2525605	West Bengal	1305232
<b>Total</b>	<b>24514882</b>	<b>Total</b>	<b>19479714</b>
<b>Total (Zone-1 + Zone-2)</b>			<b>45890031</b>
<b>Net Addition (in April 2012)</b>			<b>4014026</b>



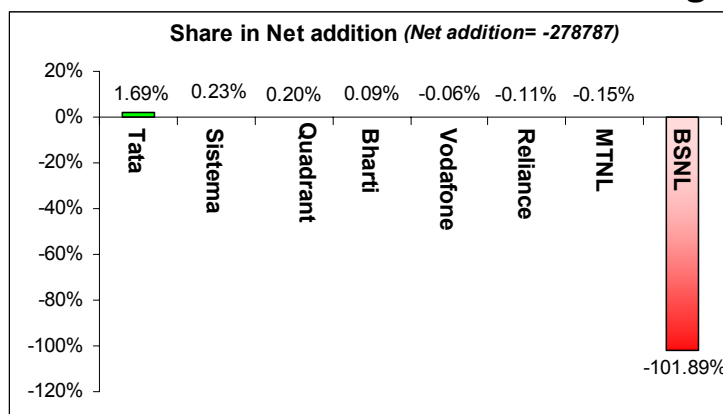
## v. Wireline Segment

Wireline subscriber base declined from 32.17 Million at the end of March 2012 to 31.89 Million at the end of April 2012. The share of Urban Subscribers has increased from 76.54% to 76.72% where as share of Rural Subscribers has declined from 23.46% to 23.28%. The overall wireline tele-density has marginally decreased from 2.66 in March 2012 to 2.63 in April 2012, with urban and rural teledensity being 6.67 and 0.88 respectively. BSNL and MTNL, two PSU operators hold 80.40% of the Wireline market share. Detailed statistics is at Annexure-III. The graphical presentation of market share of all service providers as on 30<sup>th</sup> April 2012 is given below:

### A. Service Provider wise Market Share as on 30<sup>th</sup> April 2012



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



## VI. Category wise Growth

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

### Category wise Net Additions and subscriber base

Category	Net Additions during the month of April, 2012		Subscriber Base as on 30 <sup>th</sup> April, 2012	
	Wireline	Wireless	Wireline	Wireless
Circle A	-109016	1170727	12611499	325181780
Circle B	-78328	2936856	10198665	367230272
Circle C	-80634	-1883474	1987349	125221043
Metro	-10810	-377361	7095171	103386706
<b>All India</b>	<b>-278787</b>	<b>1846748</b>	<b>31892684</b>	<b>921019801</b>

### Category-wise Growth Rate in Access Service

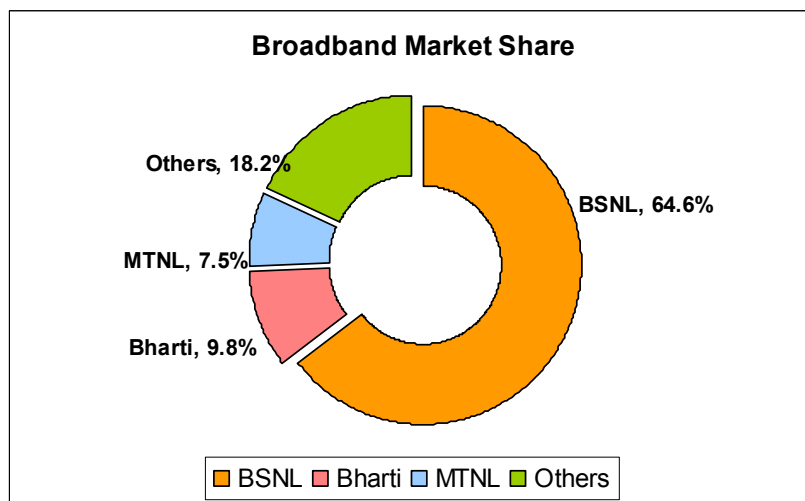
Category	Monthly Rate of Growth (Mar-2012 to Apr-2012)		Yearly rate of growth (Apr-2011 to Apr-2012)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.86%	0.36%	-5.11%	10.69%
Circle B	-0.76%	0.81%	-8.81%	13.00%
Circle C	-3.90%	-1.48%	-30.14%	14.18%
Metro	-0.15%	-0.36%	-1.92%	4.94%
<b>All India</b>	<b>-0.87%</b>	<b>0.20%</b>	<b>-7.70%</b>	<b>11.38%</b>

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

## VII. Broadband ( $\geq 256$ Kbps download)

Total Broadband subscriber base has increased from 13.79 million at the end of March 2012 to 13.95 million at the end of April 2012, there by showing a monthly growth of 1.13%. Yearly growth in broadband subscribers is 15.04% during the last one year (April 2011 to April 2012).

As on 30<sup>th</sup> April 2012, there are 156 Internet Service Providers (ISPs) which are providing broadband services in the country. Top three ISPs in terms of market share (based on subscriber base) are: BSNL (9.00 million), Bharti Airtel (1.36 million) and MTNL (1.05 million).



Contact details in case of any clarification:

**Raj Pal, Advisor (ER), TRAI**  
Mahanagar Doorsanchar Bhawan  
Jawahar Lal Nehru Marg,  
New Delhi – 110002,  
Ph: 011-23230752  
Fax: 011-23236650  
E-mail: [adveco@traai.gov.in](mailto:adveco@traai.gov.in)

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	
	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12
Andhra Pradesh	18282922	18539788	9472249	9676227	6379503	6308503	7697911	7721973	9985448	10178307	1582293	1668427
Assam	3683492	3759878	2879433	2941615	2148285	2224564	127909	127423	312629	320429	3709165	3717603
Bihar	17441979	17732686	9601770	9811481	6003373	6086019	4964805	4956909	5724011	5754839	5263373	5364681
Delhi	8748943	8818153	8770233	8958121	8623098	8696254	4570698	4605318	4764047	4762587	2523574	2569855
Gujarat	6910061	7062371	8413551	8230249	16006620	16187631	3742365	3719552	8202321	8294431	686314	730327
Haryana	2433163	2472639	4261883	4263681	4451590	4533628	2884838	2904417	3767079	3861041	606727	567743
Himachal Pradesh	1840093	1861569	1885524	1948881	453344	471645	402283	398929	461183	467253	717917	733240
J & K	2080761	2112537	544408	557259	706043	716112	117824	111493	181623	187888	1629554	1682408
Karnataka	15390479	15468507	8158890	8075798	6767428	6823730	7301134	7115708	5668560	5720390	1221163	1255868
Kerala	3532664	3574844	4290886	4310507	5853924	5912936	2452586	2452770	7442315	7477237	1832283	1902561
Kolkata	3863693	3882463	5279534	5366386	4324323	4300315	3064748	3019225	1324453	1336205	1880204	1893034
Madhya Pradesh	9671545	9728966	12227971	12013872	4106915	4137070	4840432	4849309	13737890	14037380	934803	978147
Maharashtra	9840242	9968936	10957137	10988737	12951300	13003330	8702113	8427375	15174315	15189665	1242907	1066758
Mumbai	3729476	3738188	8769707	8886634	5802365	5817777	4644191	4371835	2850249	2828449	1226795	1282313
North East	2277584	2351038	976948	998825	913301	941789	75173	75202	203645	214549	2422955	2459919
Odisha	6326761	6460022	4617540	4631410	2562064	2618054	2517296	2466388	1015556	1050495	2909901	2929909
Punjab	6951290	6973022	4956519	5004222	4534702	4527359	3125320	3191032	5443540	5543476	912849	939971
Rajasthan	14388921	14546216	7710607	7727629	9378140	9157123	3751289	3818746	4146287	4263223	1710143	1855687
Tamil Nadu (incl. Chennai)	13385887	13482672	8780985	8589068	12317698	12336630	4537493	4712605	2120156	2165488	21651967	21966769
U.P.(E)	14693835	14886051	12815136	12740473	14934620	15156925	4647678	4622337	7660386	7765394	2612007	2791794
U.P.(W)	6646966	6666880	9891891	10076587	9534452	9584516	4671999	4695629	10314303	10550903	2194619	2116030
West Bengal	9158539	9202693	7782890	7750762	11712242	11742493	2905712	2865557	2222696	2240039	3101066	3113231
<b>Total</b>	<b>181279296</b>	<b>183290119</b>	<b>153045692</b>	<b>153548424</b>	<b>150465330</b>	<b>151284403</b>	<b>81745797</b>	<b>81229732</b>	<b>112722692</b>	<b>114209668</b>	<b>62572579</b>	<b>63586275</b>
<b>Net Addition</b>		<b>2010823</b>		<b>502732</b>		<b>819073</b>		<b>-516065</b>		<b>1486976</b>		<b>1013696</b>

## Wireless Subscriber Base

## Annexure-I

Page 2 of 3

Circle	Group											
	BSNL		MTNL		Uninor		Sistema		Loop*		Videocon	
	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12
Andhra Pradesh	9020241	9018553	0		3724608	3716767	655133	679241	0	0	10933	9877
Assam	1265379	1272186	0		273	340	1193	1184	325	0	0	0
Bihar	6134678	5993174	0		4664653	4885287	1615323	1637531	364	0	20094	18872
Delhi	0	0	2885959	2785744	0	0	1179004	1222621	0	0	0	0
Gujarat	4232626	4243909	0		3731428	3851932	157323	169546	73	0	1222364	1310663
Haryana	2998922	3003170	0		432	576	220922	222078	88	0	925500	965860
Himachal Pradesh	1677576	1450068	0		122	172	127	69	0	0	78241	77126
J & K	1046435	1068335	0		165	237	22	22	0	0	0	0
Karnataka	6914688	6980979	0		2084904	2136161	2180666	2206161	653	0	11189	9734
Kerala	7112450	7191040	0		700122	706986	640096	626149	0	0	153351	150651
Kolkata	2426278	2405768	0		1957168	1825889	863204	889043	2369	0	4151	4088
Madhya Pradesh	4819853	4865244	0		1076	986	2324	2367	307	0	1243694	1250776
Maharashtra	6226065	5783227	0		4610448	4837513	735759	726106	413	0	13118	10957
Mumbai	0	0	2946439	2944705	1461112	1459806	524083	535524	3261069	3252749	925437	927657
North East	1616348	1639666	0		65	71	174	185	41	0	0	0
Odisha	4444614	4456262	0		1379320	1464003	580	639	965	0	10673	10673
Punjab	4687337	4657590	0		606	717	891	911	145	0	0	0
Rajasthan	5651850	5673708	0		903	1029	2391815	2434964	421	0	10832	9105
Tamil Nadu (incl. Chennai)	9722314	9556790	0		2143260	2313361	1728581	1630722	0	0	1276541	1313761
U.P.(E)	10116763	10060102	0		7022779	7170149	529153	568407	0	0	16712	14883
U.P.(W)	4800137	4842361	0		5013924	5164131	540239	580916	8	0	8477	6067
West Bengal	3598434	3632806	0		3934556	4015527	1836427	1873609	0	0	20281	17209
<b>Total</b>	<b>98512988</b>	<b>97794938</b>	<b>5832398</b>	<b>5730449</b>	<b>42431924</b>	<b>43551640</b>	<b>15803039</b>	<b>16007995</b>	<b>3267241</b>	<b>3252749</b>	<b>5951588</b>	<b>6107959</b>
<b>Net Addition</b>		<b>-718050</b>		<b>-101949</b>		<b>1119716</b>		<b>204956</b>		<b>-14492</b>		<b>156371</b>

## Wireless Subscriber Base

## Annexure-I

Page 3 of 3

Circle	Group						Total		Net Add.
	S-Tel*		Quadrant (HFCL)		Etisalat*		Mar-12	Apr-12	
	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	
Andhra Pradesh	0	0	0	0	16217	0	66827458	67517663	690205
Assam	79992	0	0	0	0	0	14208075	14365222	157147
Bihar	2029624	0	0	0	16974	0	63481021	62241479	-1239542
Delhi	0	0	0	0	423731	0	42489287	42418653	-70634
Gujarat	0	0	0	0	16840	0	53321886	53800611	478725
Haryana	0	0	0	0	7161	0	22558305	22794833	236528
Himachal Pradesh	454924	0	0	0	0	0	7971334	7408952	-562382
J & K	0	0	0	0	0	0	6306835	6436291	129456
Karnataka	0	0	0	0	14240	0	55713994	55793036	79042
Kerala	0	0	0	0	5435	0	34016112	34305681	289569
Kolkata	0	0	0	0	0	0	24990125	24922416	-67709
Madhya Pradesh	0	0	0	0	35557	0	51622367	51864117	241750
Maharashtra	0	0	0	0	15568	0	70469385	70002604	-466781
Mumbai	0	0	0	0	143732	0	36284655	36045637	-239018
North East	32083	0	0	0	0	0	8518317	8681244	162927
Odisha	833665	0	0	0	0	0	26618935	26087855	-531080
Punjab	0	0	1329910	1425450	8986	0	31952095	32263750	311655
Rajasthan	0	0	0	0	18756	0	49159964	49487430	327466
Tamil Nadu (incl. Chennai)	0	0	0	0	13448	0	77678330	78067866	389536
U.P.(E)	0	0	0	0	25300	0	75074369	75776515	702146
U.P.(W)	0	0	0	0	20346	0	53637361	54284020	646659
West Bengal	0	0	0	0	0	0	46272843	46453926	181083
<b>Total</b>	<b>3430288</b>	<b>0</b>	<b>1329910</b>	<b>1425450</b>	<b>782291</b>	<b>0</b>	<b>919173053</b>	<b>921019801</b>	<b>1846748</b>
<b>Net Addition</b>		<b>-3430288</b>		<b>95540</b>		<b>-782291</b>		<b>1846748</b>	

**Note:**

\* M/s Etisalat, S Tel and Loop (except for Mumbai circle) have submitted that there are no active subscribers on their network hence their figures have been taken as Zero.

**Proportion of VLR on the date of Peak VLR in the month of April, 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	71.16	93.19	70.62	0.00		92.88			56.47		55.17	63.10	57.68	1.18	72.59	<b>76.60</b>
Assam	79.54	97.57	67.73			97.80	0.00		69.69	0.00	104.56	73.75			86.20	<b>82.59</b>
Bihar	45.63	96.60	35.75	0.00		98.18			74.94	0.00	37.76	50.65	55.79	3.65	100.18	<b>74.99</b>
Delhi	53.80	79.14		0.00		87.23		42.78	76.80		26.19	49.46			90.18	<b>73.14</b>
Gujarat	74.80	86.13	58.01	0.00		89.84			68.70		41.01	60.96	56.11	45.25	87.15	<b>76.94</b>
Haryana	42.32	91.95	51.64			88.71			51.73			60.83		41.95	91.98	<b>70.61</b>
Himachal Pradesh	59.74	95.30	72.91			98.36			61.48		168.12	36.42		10.25	99.35	<b>74.90</b>
J & K	84.51	97.75	66.91			89.37			71.56			71.47			82.38	<b>84.49</b>
Karnataka	54.30	93.83	53.41	0.00		90.66			64.50		60.17	63.40	48.32	0.43	78.95	<b>74.78</b>
Kerala	56.06	87.05	65.20	0.00		95.18			55.87		48.58	58.75	36.66	5.76	83.93	<b>72.83</b>
Kolkata	56.34	84.30	33.93			70.95	0.00		70.24		50.67	72.97	46.29		84.97	<b>68.32</b>
Madhya Pradesh	48.91	92.26	54.79	0.00		101.67	0.00		76.43		51.04	66.93		45.05	76.24	<b>82.02</b>
Maharashtra	50.65	84.47	72.74	0.00		97.34			66.45		51.80	64.98	62.82	1.99	91.78	<b>80.11</b>
Mumbai	52.90	80.93		0.00		82.60	41.67	31.49	69.61		26.01	50.26	47.36	41.32	84.47	<b>63.35</b>
North East	68.30	95.11	60.91			85.94	0.00		60.09	0.00		75.18			84.45	<b>75.47</b>
Orissa	66.81	94.03	57.63			64.98	0.00		63.15	0.00	91.86	55.21	52.36	0.60	87.19	<b>71.37</b>
Punjab	55.72	90.89	51.95	0.00	43.41	89.97	0.00		52.35		37.54	56.13			88.57	<b>72.24</b>
Rajasthan	87.70	92.31	50.03	0.00		107.18	0.00		62.36		45.16	54.47		4.14	93.47	<b>78.85</b>
Tamil Nadu	52.64	93.25	46.73	0.00		64.73			55.25		52.37	54.67	41.11	39.52	89.35	<b>64.91</b>
U.P.(E)	46.78	97.63	44.26	0.00		95.59			69.25		39.18	55.53	64.32	4.33	93.79	<b>76.75</b>
U.P.(W)	95.66	82.23	48.16	0.00		91.59			61.83		41.98	54.63	55.67	0.84	93.91	<b>74.46</b>
West Bengal	55.82	89.42	48.28			81.69			78.49		60.68	41.46	53.72	1.08	91.67	<b>75.09</b>
<b>Total</b>	<b>58.68</b>	<b>91.36</b>	<b>54.29</b>	<b>0.00</b>	<b>43.41</b>	<b>93.22</b>	<b>41.67</b>	<b>36.98</b>	<b>66.50</b>	<b>0.00</b>	<b>47.47</b>	<b>58.20</b>	<b>55.71</b>	<b>40.66</b>	<b>88.86</b>	<b>74.55</b>

\* M/s Etisalat, S Tel and Loop (except for Mumbai circle) have submitted that there are no active subscribers on their network hence, their figures have been taken as Zero.

Wireline Subscriber Base

Annexure-III

Circle	Group																Net Add.		
	BSNL		MTNL		Bharti		Reliance		Tata		Quadrant (HFCL)		Sistema		Vodafone			Total	
	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12	Mar-12	Apr-12		Mar-12	Apr-12
Andhra Pradesh	1970060	1956092			125358	125368	88960	88972	175835	174044					780	2850	2360993	2347326	-13667
Assam	227229	225610							2625	2625							229854	228235	-1619
Bihar	595139	570577					4859	4859	10325	10459							610323	585895	-24428
Delhi			1563034	1565146	1079056	1079140	183355	183496	79752	80243					7740	5340	2912937	2913365	427
Gujarat	1598630	1594198			55259	55263	109190	108793	67788	65774					30	60	1830897	1824088	-6809
Haryana	542975	539097			23891	23893	4969	4975	20046	20299							591881	588264	-3617
Himachal Pradesh	301845	300272					4462	4462	1991	2014							308298	306748	-1550
J & K	203969	203933							343	339							204312	204272	-40
Karnataka	1963247	1888965			490490	490528	110636	110747	125082	126656					1620	1860	2691075	2618756	-72319
Kerala	3065384	3059251			55778	55782	56298	56310	12336	12393							3189796	3183736	-6060
Kolkata	975123	964238			93648	93655	81175	81051	32225	32295					690	840	1182861	1172079	-10782
Madhya Pradesh	851068	846379			241167	241186	34574	34218	11893	12286					30	30	1138732	1134099	-4633
Maharashtra	2240187	2233675			70135	70141	102093	102265	233342	234999					270	300	2646027	2641380	-4648
Mumbai			1894695	1892163	330903	330929	231160	231556	547664	549589					5760	5490	3010182	3009727	-455
North East	252129	251959							244	237							252373	252196	-177
Odisha	451480	398659					4143	4135	7170	7179					30	30	462823	410003	-52820
Punjab	1089917	1086679			105683	105691	31266	30783	15072	15455	200432	200999			90	120	1442460	1439727	-2733
Rajasthan	1046625	1039054			39257	39260	25922	26090	5844	5920			46659	47293	90	90	1164397	1157707	-6690
Tamil Nadu (incl. Chennai)	2493352	2480506			484652	484689	148173	148329	64626	65766					720	660	3191523	3179950	-11573
U.P.(E)	1167606	1146544			50420	50424	40811	40921	13375	13608							1272212	1251497	-20715
U.P.(W)	759356	756063			24252	24254	5477	5314	7751	7849							796836	793480	-3356
West Bengal	672411	641919					2227	2176	6041	6060							680679	650155	-30524
<b>Total</b>	<b>22467732</b>	<b>22183670</b>	<b>3457729</b>	<b>3457309</b>	<b>3269949</b>	<b>3270202</b>	<b>1269750</b>	<b>1269452</b>	<b>1441370</b>	<b>1446089</b>	<b>200432</b>	<b>200999</b>	<b>46659</b>	<b>47293</b>	<b>17850</b>	<b>17670</b>	<b>32171471</b>	<b>31892684</b>	<b>-278787</b>
<b>Net Addition</b>		<b>-284062</b>		<b>-420</b>		<b>253</b>		<b>-298</b>		<b>4719</b>		<b>567</b>		<b>634</b>		<b>-180</b>		<b>-278787</b>	



**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.

-----