

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 5th September 2013

(www.trai.gov.in)

**Highlights on Telecom Subscription Data as on 30th June 2013**

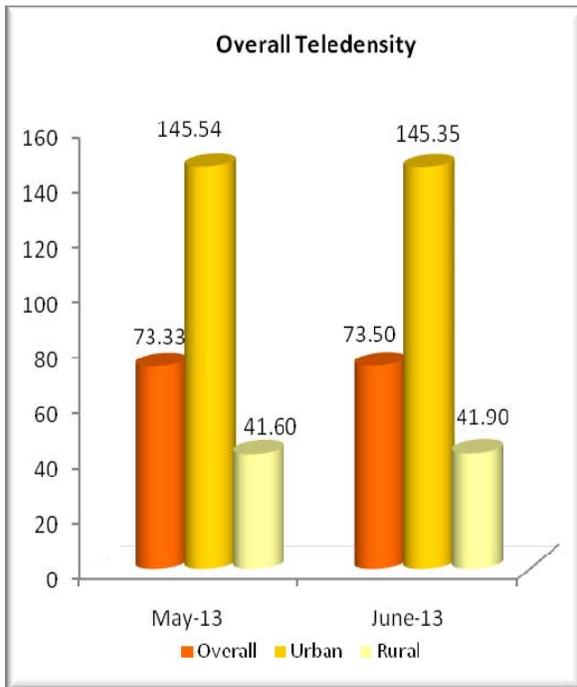
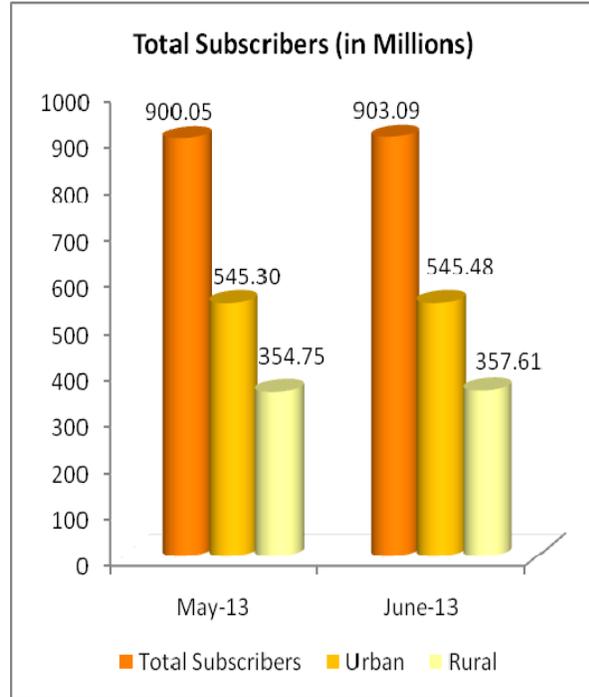
| Particulars | Wireless | Wireline | Total Wireless + Wireline |
|---|---------------|--------------|---------------------------------|
| Total Subscribers (Millions) | 873.36 | 29.73 | 903.09 |
| Total Net Monthly Addition (Millions) | 3.16 | -0.12 | 3.04 |
| Monthly Growth (%) | 0.36% | -0.42% | 0.34% |
| Urban Subscribers (Millions) | 522.27 | 23.22 | 545.48 |
| Urban Subscribers Net Monthly Addition (Millions) | 0.26 | -0.07 | 0.18 |
| Monthly Growth (%) | 0.05% | -0.32% | 0.03% |
| Rural Subscribers (Millions) | 351.10 | 6.51 | 357.61 |
| Rural Subscribers Net Monthly Addition (Millions) | 2.91 | -0.05 | 2.86 |
| Monthly Growth (%) | 0.83% | -0.77% | 0.81% |
| Overall Teledensity* | 71.08 | 2.42 | 73.50 |
| Urban Teledensity* | 139.16 | 6.19 | 145.35 |
| Rural Teledensity* | 41.14 | 0.76 | 41.90 |
| Share of Urban Subscribers | 59.80% | 78.11% | 60.40% |
| Share of Rural Subscribers | 40.20% | 21.89% | 39.60% |

- ❖ Mobile Number Portability requests increased from 93.56 million subscribers at the end of May 2013 to 95.59 million at the end of June 2013. In the month of June 2013 alone 2.03 million requests have been made for MNP.
- ❖ Active wireless subscribers on the date of Peak VLR in June 2013 are 731.47 million, 83.75% of the total subscribers.
- ❖ Broadband subscription reached 15.19 million in June 2013 from 15.13 million in May 2013.

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

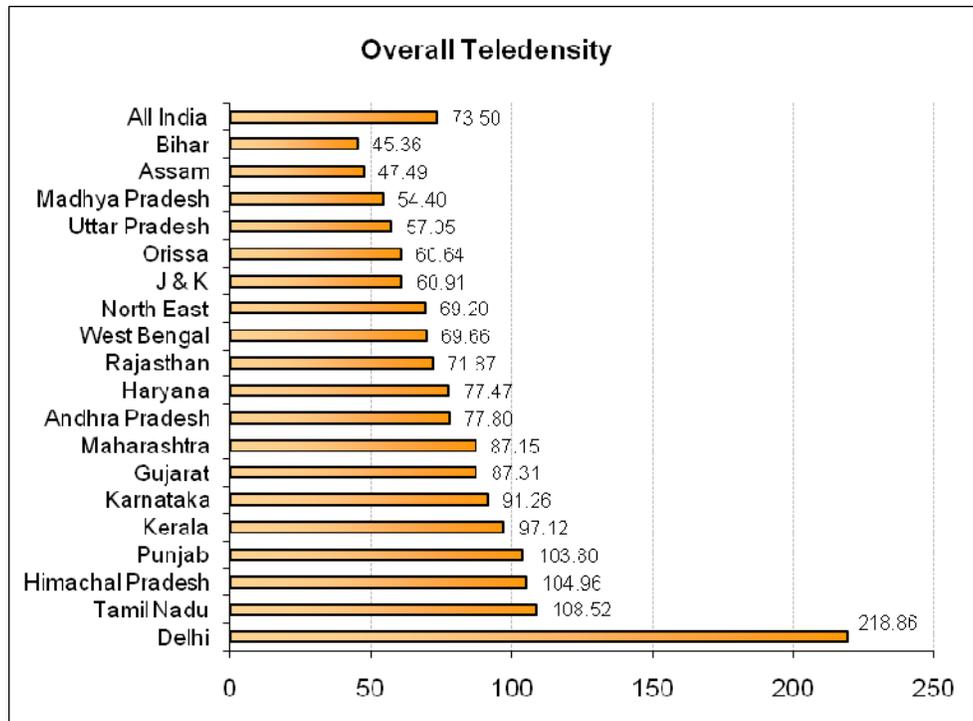
I. Total Telephone Subscribers

• The number of telephone subscribers in India increased to 903.09 million at the end of June, 2013 from 900.05 million at the end of May 2013, thereby showing a monthly growth rate of 0.34%. The share of urban subscribers has decreased to 60.40% from 60.59% whereas share of rural subscribers has increased from 39.41% to 39.60% in the month of June 2013. With this, the overall Teledensity in India increased to 73.50 at the end of June, 2013 from 73.33 of the previous month.



• Subscription in the urban areas increased from 545.30 million in May, 2013 to 545.48 million at the end of June, 2013. Subscription in rural areas increased from 354.75 million to 357.61 million during the same period. The monthly growth rate of urban and rural subscription is 0.03% and 0.81% respectively. The overall urban Teledensity has decreased from 145.54 to 145.35 and Rural Teledensity increased from 41.60 to 41.90.

Overall Teledensity (Circle Wise)

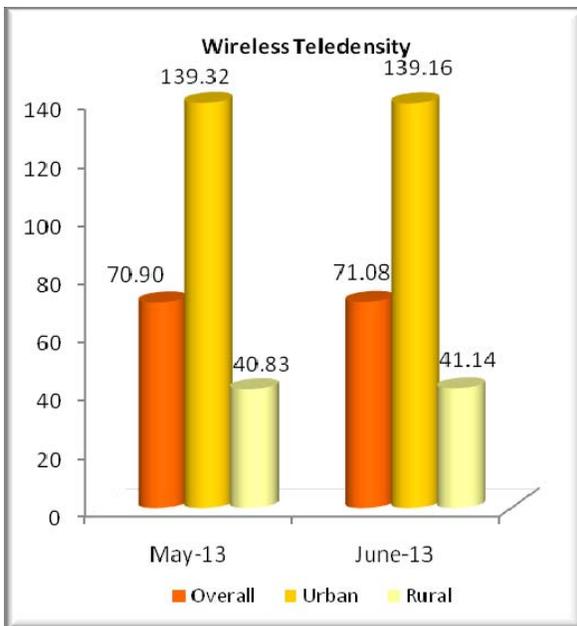
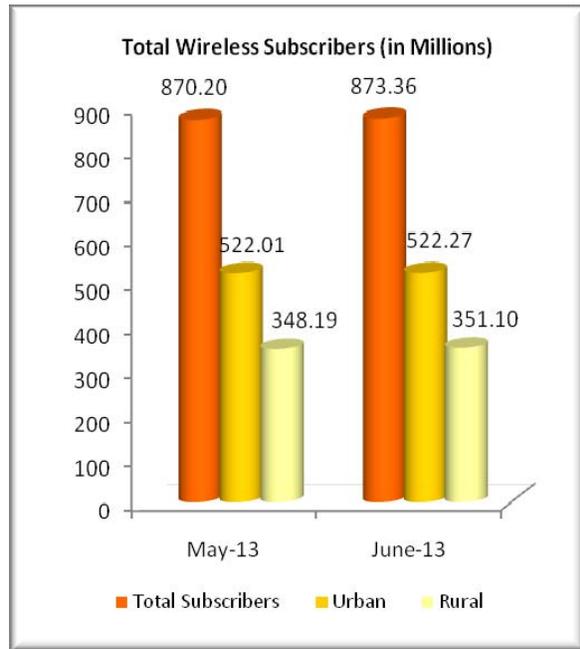


Notes:

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)

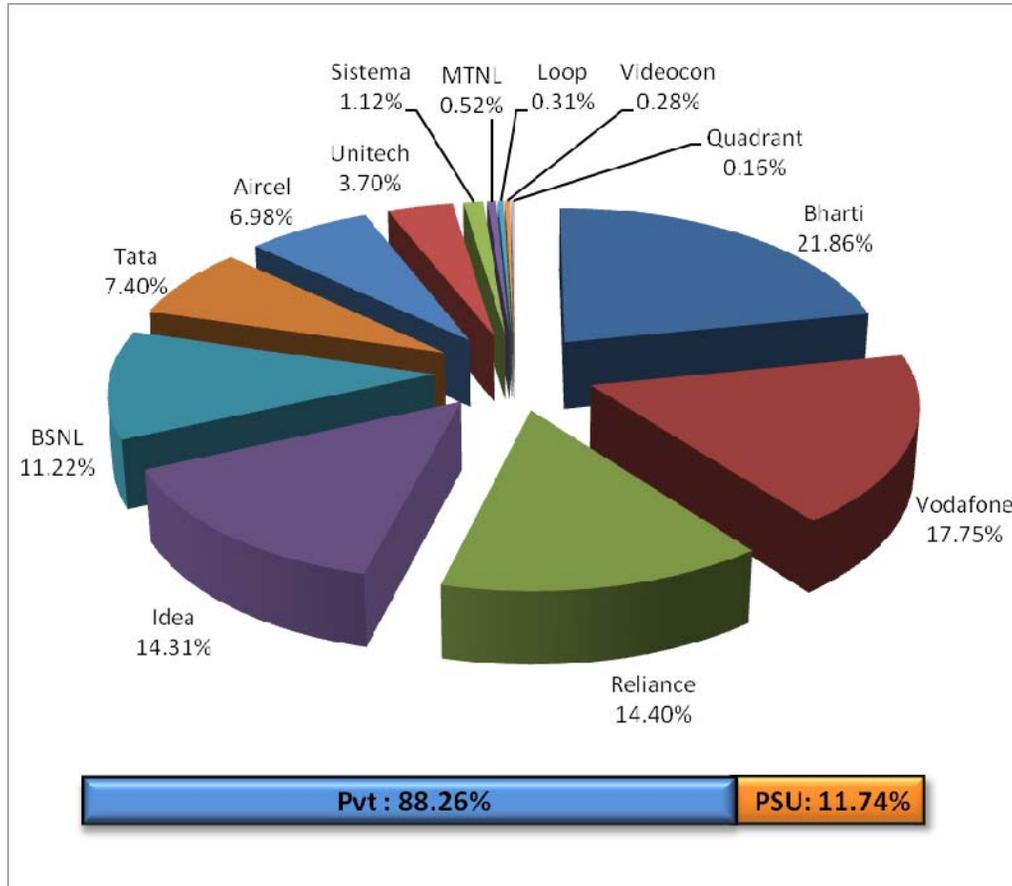
- Total wireless subscriber base increased from 870.20 million in May 2013 to 873.36 million at the end of June 2013, registering a monthly growth of 0.36%. The share of urban wireless subscribers has decreased from 59.99% to 59.80% where as share of rural wireless subscribers has increased from 40.01% to 40.20%. The overall wireless Teledensity in India has reached 71.08 from 70.90 of previous month.



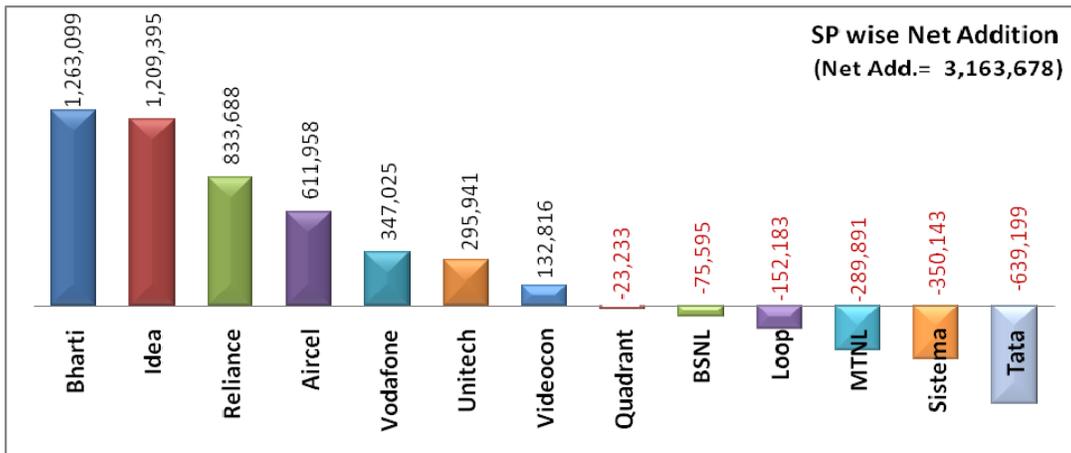
- Wireless subscription in urban areas increased from 522.01 million in May 2013 to 522.27 million at the end of June 2013. The wireless subscription in rural areas increased from 348.19 million to 351.10 million during the same period. The urban wireless Teledensity has decreased from 139.32 to 139.16 and rural Teledensity has increased from 40.83 to 41.14. Detailed statistics is at Annexure I.

- Private operators hold 88.26% of the wireless market share (based on subscriber base) whereas BSNL and MTNL, the two PSU operators hold only 11.74% market share. The graphical presentations of market shares and shares in net additions of all the service providers during the month of June, 2013 are given below:

A. Service Provider wise Market Share as on 30th June, 2013.



B. Service Provider wise net subscriber addition during June 2013

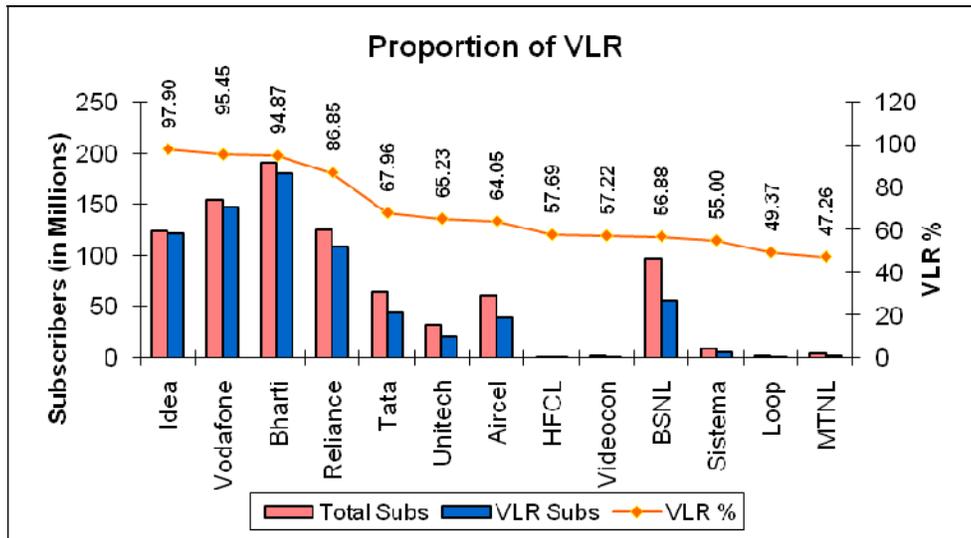


III. VLR Data

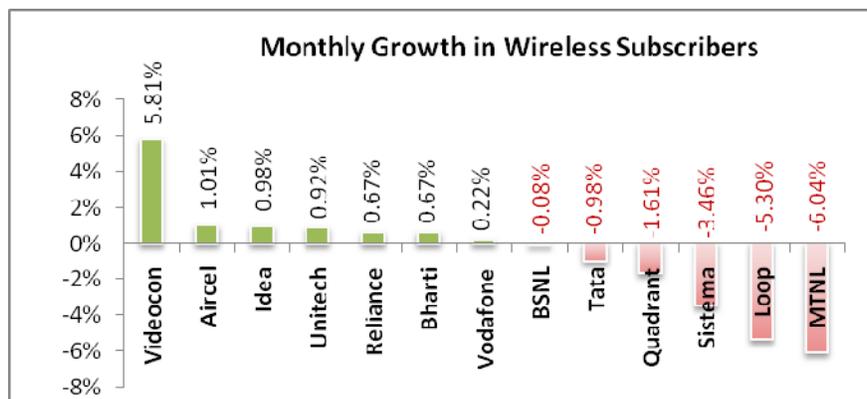
Out of the total 873.36 million wireless subscribers, 731.47 million were active on the date of Peak VLR for the month of June 2013. The proportion of VLR subscribers is approximately 83.75% of the total wireless subscriber base reported by the service providers.

Service Provider wise, Idea leads the tally with 97.90% followed by Vodafone (95.45%). Circle-wise, Maharashtra has the highest proportion of VLR subscribers with 88.84% followed by Assam (88.28%) and Madhya Pradesh (88.09%). TN (incl. Chennai) has the lowest proportion with 72.96%. The detailed statistics of proportionate VLR is at Annexure II & methodology used for reporting subscriber base/active subscribers is at Annexure IV.

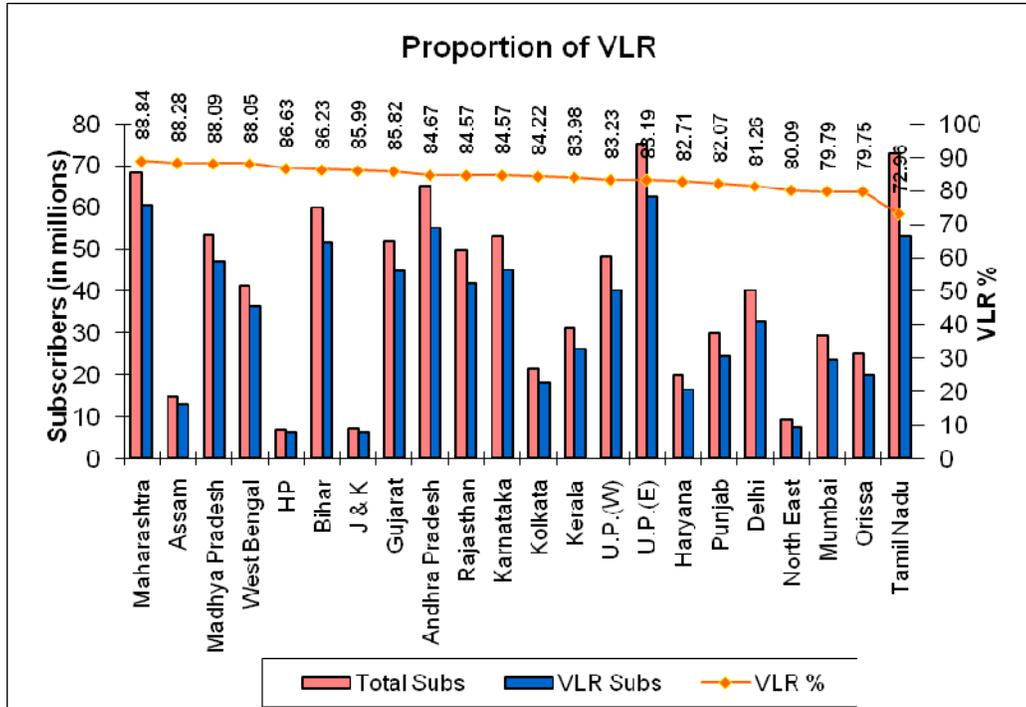
A. Proportion of VLR subscribers (Service Provider wise)



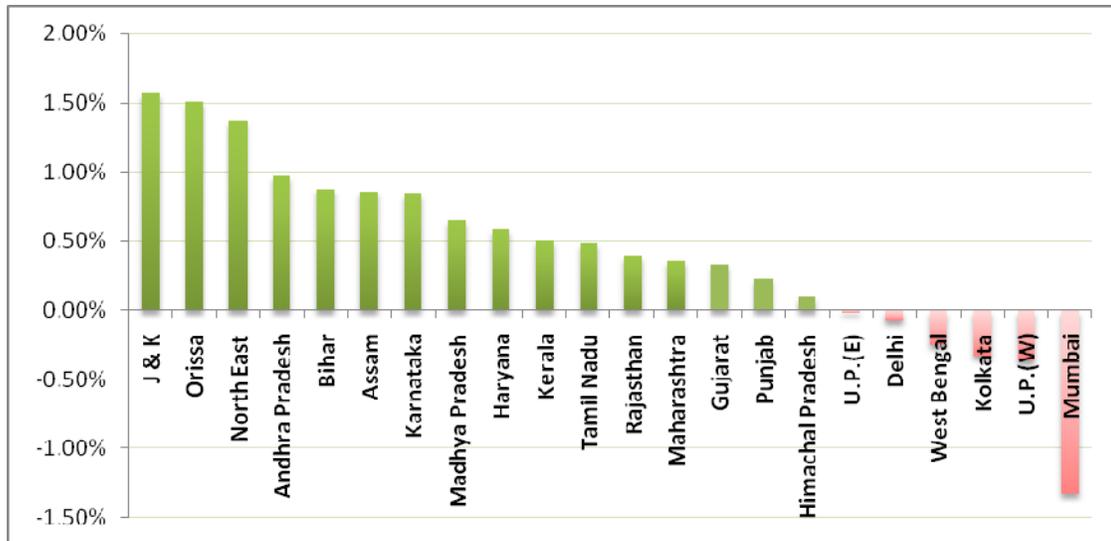
B. Service Provider wise growth in total subscribers (May-June 2013)



C. Proportion of VLR subscribers (Service Area wise)



D. Service Area wise growth in total subscribers (May-June 2013)



IV. Mobile Number Portability

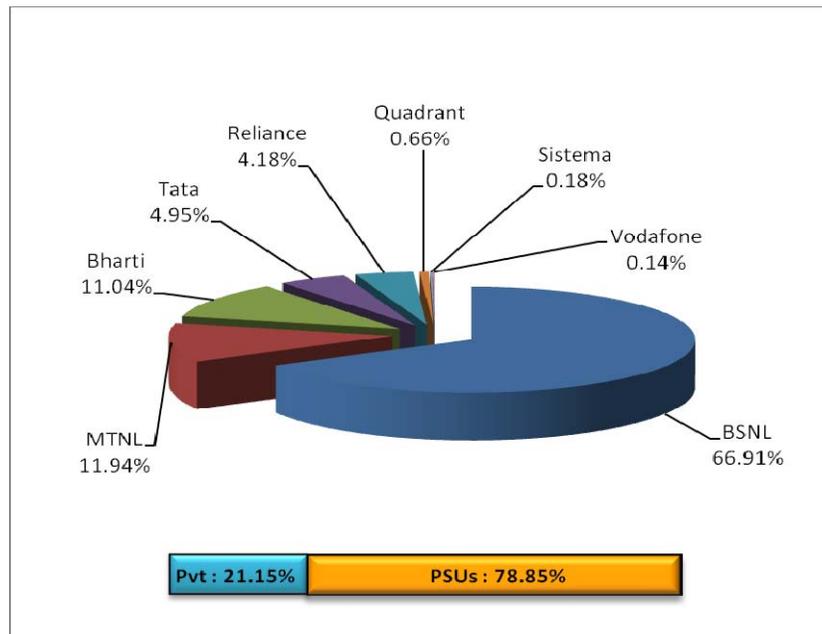
As per the data reported by the service providers, by the end of June 2013 about 95.59 million subscribers have submitted their requests to different service providers for porting their mobile number. In MNP Zone-I (Northern & Western India) maximum number of requests have been received in Rajasthan (9.32 million) followed by Gujarat (8.14 million) whereas in MNP Zone-II (Southern & Eastern) maximum number of requests have been received in Karnataka (11.23 million) followed by Andhra Pradesh Service area (8.67 million). In the month of June 2013, total number of subscribers who have submitted their request for MNP is 2.03 million. The status of MNP requests in various service areas is given below:

| Service Area Wise MNP Status at the end of June 2013 | | | |
|---|-----------------------------------|---------------------|-----------------------------------|
| Zone - 1 | | Zone - 2 | |
| Service Area | Number of Porting Requests | Service Area | Number of Porting Requests |
| Delhi | 3292499 | Andhra Pradesh | 8672664 |
| Gujarat | 8136261 | Assam | 366160 |
| Himachal Pradesh | 346770 | Bihar | 2086184 |
| Haryana | 3498577 | Karnataka | 11232253 |
| Jammu & Kashmir | 16821 | Kerala | 3885365 |
| Maharashtra | 7799599 | Kolkata | 2107496 |
| Mumbai | 3646636 | Madhya Pradesh | 5557345 |
| Punjab | 3175156 | North East | 167177 |
| Rajasthan | 9318587 | Orissa | 2071944 |
| Uttar Pradesh - East | 5659943 | Tamil Nadu | 5627252 |
| Uttar Pradesh - West | 5491422 | West Bengal | 3435762 |
| Total | 50,382,271 | Total | 45,209,572 |
| Total (Zone-1 + Zone-2) | | | 93,560,174 |
| Net Addition (in June 2013) | | | 2,031,669 |

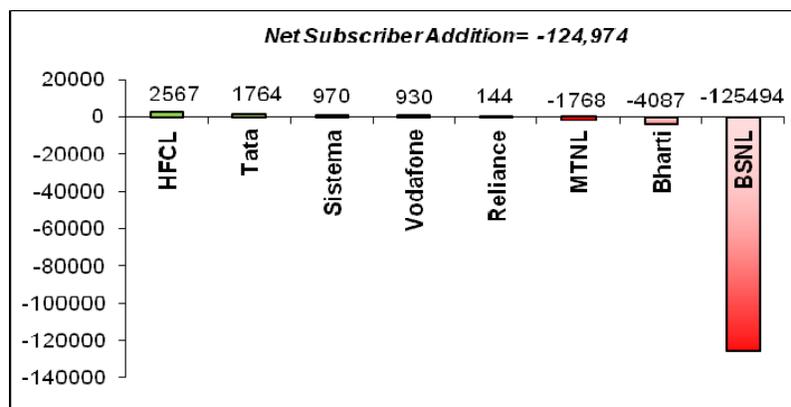
v. Wireline Segment

Wireline subscriber base declined from 29.85 million at the end of May 2013 to 29.73 Million at the end of June 2013. Net reduction in wireline subscriber base was 0.12 million. The share of urban subscribers has increased from 78.03% to 78.11% where as share of rural subscribers has declined from 21.97% to 21.89%. The overall wireline Teledensity has decreased from 2.43 in May 2013 to 2.42 in June 2013, with urban and rural Teledensity being 6.19 and 0.76 respectively. BSNL and MTNL, the two PSU operators hold 78.85% of the Wireline market share. Detailed statistics are at Annexure-III. The graphical presentation of market share of all service providers as on 30th June 2013 is given below:

A. Service Provider wise Market Share as on 30th June 2013



B. Wireline Service Provider wise Net addition during May 2013:



VI. Category wise Growth

- As can be seen from the following tables, the Circles in Category A show the highest net addition in subscriber base and the Circles in Category C show highest rate of monthly growth in wireless segment. In wireline segment, Circles in Category A show the highest reduction and highest rate of decline in subscriber base from May 2013 to June 2013.

Category wise Net Additions and subscriber base

| Category | Net Additions during the month of June, 2013 | | Subscriber Base as on 30 th June, 2013 | |
|------------------|--|------------------|---|--------------------|
| | Wireline | Wireless | Wireline | Wireless |
| Circle A | -78428 | 1827867 | 11801160 | 311117020 |
| Circle B | -35946 | 574084 | 9200868 | 348238888 |
| Circle C | -4888 | 1258512 | 1584014 | 122954723 |
| Metro | -5712 | -496785 | 7141320 | 91051902 |
| All India | -124974 | 3,163,678 | 29,727,362 | 873,362,533 |

Category-wise Growth Rate in Access Service

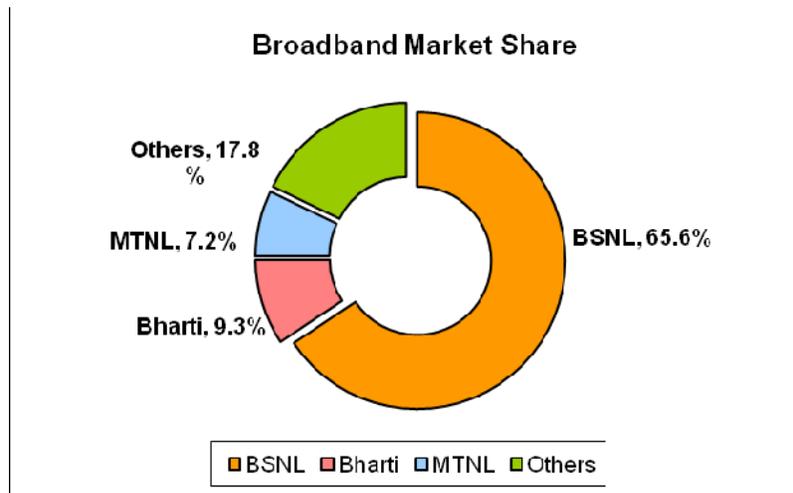
| Category | Monthly Rate of Growth (May-2013 to June-2013) | | Yearly rate of growth (June-2012 to June-2013) | |
|------------------|--|--------------|--|---------------|
| | Wireline | Wireless | Wireline | Wireless |
| Circle A | -0.66% | 0.59% | -4.69% | -5.70% |
| Circle B | -0.39% | 0.17% | -8.37% | -6.57% |
| Circle C | -0.31% | 1.03% | -17.38% | -3.39% |
| Metro | -0.08% | -0.54% | 0.76% | -12.60% |
| All India | -0.42% | 0.36% | -5.41% | -6.50% |

- 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 15.13 million at the end of May 2013 to 15.19 million at the end of June 2013, there by showing a monthly growth of 0.39%. Yearly growth in broadband subscribers is 4.74% during the last one year (June 2012 to June 2013).

As on 30th June 2013, there are 161 Internet Service Providers (ISPs) which are providing broadband services in the country. Out of these, 125 ISPs (having 98.89% market share) have provided broadband subscription data for the month of June 2013, for the rest of the ISPs data from previous month has been retained. Top five ISPs in terms of market share (based on subscriber base) are: BSNL (9.97 million), Bharti Airtel (1.41 million), MTNL (1.10 million), Hathway (0.37 million) and You Broadband (0.32 million).



Contact details in case of any clarification:

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Advisor (F&EA)**

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 | | BSNL | |
| | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 |
| Andhra Pradesh | 18305179 | 18521564 | 7061707 | 7007940 | 5867408 | 5872710 | 6479764 | 6417642 | 11325445 | 11569388 | 1834635 | 1798359 | 9410859 | 9450473 |
| Assam | 4045570 | 4101733 | 2944179 | 2921103 | 2451800 | 2506043 | 0 | 0 | 423372 | 440032 | 3520120 | 3547608 | 1229736 | 1223813 |
| Bihar | 20105135 | 20275101 | 9772046 | 9996096 | 6940979 | 6910292 | 3565384 | 3504814 | 6236811 | 6275862 | 4623325 | 4711600 | 3842105 | 3821580 |
| Delhi | 9332110 | 9407812 | 7878742 | 7794512 | 8609888 | 8561135 | 3118126 | 3032124 | 4898766 | 4944716 | 2886113 | 2956149 | 0 | 0 |
| Gujarat | 7081389 | 7057857 | 7141122 | 7193909 | 16224175 | 16285515 | 2618990 | 2621346 | 8444379 | 8466824 | 35773 | 35773 | 4306696 | 4312377 |
| Haryana | 2309831 | 2314192 | 2381148 | 2440545 | 4682870 | 4697629 | 2681386 | 2668470 | 3823255 | 3846587 | 11092 | 11092 | 3082266 | 3082522 |
| Himachal Pradesh | 2005189 | 2035958 | 1600416 | 1568154 | 517348 | 523069 | 171210 | 166930 | 484357 | 492266 | 676898 | 682129 | 1550356 | 1543631 |
| J & K | 2443056 | 2473706 | 634735 | 645919 | 644755 | 660662 | 0 | 0 | 242392 | 249095 | 1881500 | 1922242 | 1192750 | 1198113 |
| Karnataka | 16235201 | 16355229 | 6703599 | 6817531 | 6742760 | 6780471 | 5877086 | 5816311 | 6170731 | 6342955 | 1854569 | 1918124 | 7087398 | 7087882 |
| Kerala | 3531005 | 3547360 | 2970718 | 2977299 | 6354557 | 6385292 | 1757146 | 1705518 | 8053935 | 8161641 | 29883 | 29883 | 7831545 | 7882689 |
| Kolkata | 3679354 | 3692150 | 4269448 | 4297895 | 4292276 | 4334706 | 2900823 | 2840141 | 1404670 | 1371401 | 1975048 | 1939653 | 2298610 | 2295346 |
| Madhya Pradesh | 10174809 | 10232522 | 12761088 | 12810440 | 4281093 | 4230893 | 3901009 | 3931501 | 15918844 | 16070788 | 22694 | 22694 | 5020446 | 5059649 |
| Maharashtra | 9951693 | 10033460 | 8122190 | 8107701 | 13553341 | 13644766 | 6228707 | 6180796 | 16571612 | 16786007 | 1203709 | 1246495 | 6738845 | 6598621 |
| Mumbai | 3834768 | 3868834 | 6071636 | 6073982 | 6525116 | 6567520 | 3553898 | 3526335 | 3067144 | 3099398 | 1594335 | 1560725 | 0 | 0 |
| North East | 2777682 | 2808177 | 897931 | 934206 | 1040336 | 1064436 | 0 | 0 | 308379 | 315123 | 2285662 | 2308267 | 1765674 | 1769462 |
| Orissa | 7060557 | 7159241 | 3828149 | 4008674 | 3182111 | 3163939 | 2041338 | 2036183 | 1085923 | 1067884 | 2756605 | 2883004 | 4516177 | 4521567 |
| Punjab | 7008593 | 7034838 | 3202525 | 3240560 | 4502407 | 4483340 | 2439252 | 2450093 | 5825596 | 5842432 | 925006 | 943240 | 4404573 | 4403431 |
| Rajasthan | 14684765 | 14720751 | 5825673 | 5893323 | 9163524 | 9198787 | 2776716 | 2661609 | 5464362 | 5558442 | 3179765 | 3360486 | 5953631 | 5961006 |
| Tamil Nadu (incl. Chennai) | 13541152 | 13653229 | 6717611 | 6812695 | 12362181 | 12431155 | 5253673 | 5230421 | 2311912 | 2352639 | 21539771 | 21586984 | 9581984 | 9597419 |
| U.P.(E) | 15566540 | 15578792 | 9960269 | 9967960 | 15265665 | 15290748 | 4168917 | 4199876 | 7914162 | 7930109 | 4136099 | 4219738 | 10437971 | 10427629 |
| U.P.(W) | 6622545 | 6621579 | 6822292 | 6839716 | 9649505 | 9604292 | 3804945 | 3771043 | 10940341 | 10972813 | 209150 | 109150 | 4801866 | 4754430 |
| West Bengal | 9353199 | 9418336 | 7331737 | 7382489 | 11832748 | 11836468 | 1926844 | 1864862 | 2842324 | 2811705 | 3176264 | 3176579 | 3012827 | 2999080 |
| Total | 189649322 | 190912421 | 124898961 | 125732649 | 154686843 | 155033868 | 65265214 | 64626015 | 123758712 | 124968107 | 60358016 | 60969974 | 98066315 | 97990720 |

Wireless Subscriber Base

Annexure-I

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| Circle | Group | | | | | | | | | | | | Total | |
|----------------------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|------------------|------------------|
| | MTNL | | Unitech | | Sistema | | Loop | | Videocon | | Quadrant (HFCL) | | Total | |
| | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 |
| Andhra Pradesh | 0 | 0 | 4181527 | 4450683 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64466524 | 65088759 |
| Assam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14614777 | 14740332 |
| Bihar | 0 | 0 | 4404163 | 4517009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59489948 | 60012354 |
| Delhi | 2600330 | 2601644 | 0 | 0 | 887627 | 881544 | 0 | 0 | 0 | 0 | 0 | 0 | 40211702 | 40179636 |
| Gujarat | 0 | 0 | 5070963 | 5084389 | 204954 | 200654 | 0 | 0 | 661069 | 702642 | 0 | 0 | 51789510 | 51961286 |
| Haryana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 824499 | 852520 | 0 | 0 | 19796347 | 19913557 |
| Himachal Pradesh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7005774 | 7012137 |
| J & K | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7039188 | 7149737 |
| Karnataka | 0 | 0 | 0 | 0 | 1986976 | 1983518 | 0 | 0 | 0 | 0 | 0 | 0 | 52658320 | 53102021 |
| Kerala | 0 | 0 | 0 | 0 | 455760 | 450599 | 0 | 0 | 0 | 0 | 0 | 0 | 30984549 | 31140281 |
| Kolkata | 0 | 0 | 0 | 0 | 800554 | 778263 | 0 | 0 | 0 | 0 | 0 | 0 | 21620783 | 21549555 |
| Madhya Pradesh | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 799609 | 862831 | 0 | 0 | 52879592 | 53221318 |
| Maharashtra | 0 | 0 | 5529690 | 5541113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67899787 | 68138959 |
| Mumbai | 2200554 | 1909349 | 0 | 0 | 0 | 0 | 2868751 | 2716568 | 0 | 0 | 0 | 0 | 29716202 | 29322711 |
| North East | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9075664 | 9199671 |
| Orissa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24470860 | 24840492 |
| Punjab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1441260 | 1418027 | 29749212 | 29815961 |
| Rajasthan | 0 | 0 | 0 | 0 | 2278952 | 2163347 | 0 | 0 | 0 | 0 | 0 | 0 | 49327388 | 49517751 |
| Tamil Nadu (incl. Chennai) | 0 | 0 | 0 | 0 | 1166728 | 1161453 | 0 | 0 | 0 | 0 | 0 | 0 | 72475012 | 72825995 |
| U.P.(E) | 0 | 0 | 7621017 | 7440256 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75070640 | 75055108 |
| U.P.(W) | 0 | 0 | 5192571 | 5262422 | 447659 | 379458 | 0 | 0 | 0 | 0 | 0 | 0 | 48490874 | 48314903 |
| West Bengal | 0 | 0 | 0 | 0 | 1890259 | 1770490 | 0 | 0 | 0 | 0 | 0 | 0 | 41366202 | 41260009 |
| Total | 4800884 | 4510993 | 31999931 | 32295872 | 10119469 | 9769326 | 2868751 | 2716568 | 2285177 | 2417993 | 1441260 | 1418027 | 870198855 | 873362533 |

Proportion of VLR on the date of Peak VLR in the month of June, 2013 (%) Annexure-II

| Circle | Aircel | Bharti | BSNL | Quadrant (HFCL) | Idea | Loop | MTNL | Reliance | Sistema | Tata | Unitech | Videocon | Vodafone | Total |
|----------------------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Andhra Pradesh | 52.00 | 96.40 | 71.43 | | 97.33 | | | 83.04 | | 72.28 | 56.67 | | 90.78 | 84.67 |
| Assam | 87.22 | 98.49 | 70.84 | | 87.84 | | | 77.33 | | | | | 94.40 | 88.28 |
| Bihar | 66.06 | 96.42 | 54.99 | | 103.77 | | | 85.04 | | 59.36 | 67.66 | | 98.94 | 86.23 |
| Delhi | 61.53 | 77.19 | | | 96.07 | | 49.24 | 93.72 | 43.02 | 64.35 | | | 92.31 | 81.26 |
| Gujarat | 105.78 | 94.84 | 62.21 | | 97.38 | | | 90.25 | 38.81 | 64.60 | 59.22 | 54.89 | 93.80 | 85.82 |
| Haryana | 15.29 | 96.48 | 52.72 | | 95.46 | | | 86.03 | | 61.64 | | 58.26 | 100.01 | 82.71 |
| Himachal Pradesh | 60.91 | 98.03 | 74.26 | | 109.81 | | | 83.47 | | 63.22 | | | 107.39 | 86.63 |
| J & K | 86.59 | 96.95 | 71.51 | | 87.43 | | | 61.98 | | | | | 92.46 | 85.99 |
| Karnataka | 53.99 | 98.55 | 57.28 | | 96.27 | | | 83.77 | 58.22 | 77.22 | | | 91.88 | 84.57 |
| Kerala | 11.13 | 97.19 | 65.25 | | 97.91 | | | 73.56 | 54.98 | 75.79 | | | 91.37 | 83.98 |
| Kolkata | 93.29 | 94.65 | 34.02 | | 88.27 | | | 94.61 | 55.45 | 80.88 | | | 93.63 | 84.22 |
| Madhya Pradesh | 17.63 | 95.54 | 55.58 | | 102.42 | | | 84.44 | | 69.85 | | 58.11 | 88.99 | 88.09 |
| Maharashtra | 47.20 | 97.40 | 72.48 | | 99.03 | | | 90.02 | | 76.54 | 61.88 | | 97.53 | 88.84 |
| Mumbai | 57.84 | 94.59 | | | 87.19 | 49.37 | 44.55 | 94.43 | | 66.01 | | | 89.48 | 79.79 |
| North East | 76.74 | 96.84 | 51.64 | | 81.33 | | | 85.20 | | | | | 85.59 | 80.09 |
| Orissa | 65.15 | 96.82 | 58.98 | | 81.50 | | | 78.96 | | 72.01 | | | 89.46 | 79.75 |
| Punjab | 46.27 | 94.51 | 54.32 | 57.69 | 94.49 | | | 90.20 | | 63.27 | | | 93.24 | 82.07 |
| Rajasthan | 72.79 | 93.03 | 46.77 | | 100.87 | | | 93.70 | 51.51 | 65.36 | | | 97.46 | 84.57 |
| Tamil Nadu (incl. Chennai) | 56.79 | 94.00 | 48.71 | | 80.44 | | | 85.68 | 54.61 | 61.57 | | | 94.79 | 72.96 |
| U.P. (E) | 68.37 | 96.31 | 44.28 | | 103.70 | | | 82.59 | | 60.44 | 70.83 | | 102.46 | 83.19 |
| U.P. (W) | 45.92 | 87.80 | 48.77 | | 97.51 | | | 84.74 | 42.25 | 60.76 | 71.79 | | 96.88 | 83.23 |
| West Bengal | 59.84 | 97.45 | 58.66 | | 92.22 | | | 93.82 | 66.27 | 59.80 | | | 98.71 | 88.05 |
| Total | 64.05 | 94.87 | 56.88 | 57.69 | 97.90 | 49.37 | 47.26 | 86.85 | 55.00 | 67.96 | 65.23 | 57.22 | 95.45 | 83.75 |

Wireline Subscriber Base

Annexure-III

| Circle | Group | | | | | | | | | | | | | | | | Total | |
|----------------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|---------------|--------------|--------------|--------------|--------------|-----------------|-----------------|
| | BSNL | | MTNL | | Bharti | | Reliance | | Tata | | Quadrant (HFCL) | | Sistema | | Vodafone | | May-13 | Jun-13 |
| | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 | May-13 | Jun-13 |
| Andhra Pradesh | 1812390 | 1800852 | | | 125958 | 126070 | 89236 | 89120 | 164739 | 164413 | | | | | 5820 | 5,850 | 2198143 | 2186305 |
| Assam | 193140 | 192684 | | | | | | | | | | | | | 660 | 660 | 193800 | 193344 |
| Bihar | 375945 | 374935 | | | | | 5350 | 5492 | 10652 | 10662 | | | | | 180 | 210 | 392127 | 391299 |
| Delhi | | | 1598157 | 1599376 | 1084786 | 1085845 | 183286 | 183362 | 91139 | 91516 | | | | | 12720 | 12,990 | 2970088 | 2973089 |
| Gujarat | 1539295 | 1520502 | | | 55523 | 55573 | 98501 | 98027 | 71186 | 71490 | | | | | 510 | 540 | 1765015 | 1746132 |
| Haryana | 490633 | 485,272 | | | 23974 | 23989 | 5239 | 5370 | 25461 | 25095 | | | | | 60 | 60 | 545367 | 539786 |
| Himachal Pradesh | 264912 | 262,945 | | | | | 4515 | 4578 | 2360 | 2425 | | | | | | | 271787 | 269948 |
| J & K | 194318 | 193,864 | | | | | | | | | | | | | | | 194318 | 193864 |
| Karnataka | 1660023 | 1649152 | | | 492891 | 493328 | 113843 | 114433 | 142417 | 144208 | | | | | 4080 | 4,290 | 2413254 | 2405411 |
| Kerala | 2920565 | 2912288 | | | 56016 | 56059 | 53769 | 53565 | 11391 | 11513 | | | | | | | 3041741 | 3033425 |
| Kolkata | 913031 | 906311 | | | 94147 | 94240 | 81154 | 81165 | 36280 | 36533 | | | | | 1530 | 1,560 | 1126142 | 1119809 |
| Madhya Pradesh | 830225 | 830182 | | | 242310 | 242513 | 26579 | 26291 | 16051 | 16225 | | | | | 120 | 150 | 1115285 | 1115361 |
| Maharashtra | 1999210 | 1983732 | | | 70471 | 70533 | 100334 | 100107 | 243368 | 242966 | | | | | 3000 | 3,000 | 2416383 | 2400338 |
| Mumbai | | | 1953501 | 1950514 | 332508 | 332811 | 232115 | 232478 | 525088 | 524879 | | | | | 7590 | 7,740 | 3050802 | 3048422 |
| North East | 167876 | 168172 | | | | | | | | | | | | | | | 167876 | 168172 |
| Orissa | 358778 | 357007 | | | | | 3561 | 3622 | 6385 | 6458 | | | | | 270 | 300 | 368994 | 367387 |
| Punjab | 963633 | 957611 | | | 106138 | 106221 | 25261 | 25069 | 16867 | 16793 | 193322 | 195889 | | | 390 | 390 | 1305611 | 1301973 |
| Rajasthan | 875525 | 870498 | | | 39445 | 39477 | 24350 | 24361 | 7063 | 7003 | | | 52658 | 53628 | 330 | 360 | 999371 | 995327 |
| Tamil Nadu (incl. Chennai) | 2376093 | 2358845 | | | 486927 | 480261 | 147479 | 147459 | 73204 | 73229 | | | | | 3090 | 3180 | 3086793 | 3062974 |
| U.P.(E) | 910836 | 904190 | | | 50646 | 50714 | 40426 | 40362 | 13488 | 13548 | | | | | 480 | 480 | 1015876 | 1009294 |
| U.P.(W) | 632996 | 628187 | | | 24359 | 24378 | 5642 | 5874 | 8129 | 8095 | | | | | 240 | 240 | 671366 | 666774 |
| West Bengal | 536366 | 533067 | | | | | 2050 | 2099 | 3781 | 3762 | | | | | | | 542197 | 538928 |
| Total | 20015790 | 19890296 | 3551658 | 3549890 | 3286099 | 3282012 | 1242690 | 1242834 | 1469049 | 1470813 | 193322 | 195889 | 52658 | 53628 | 41070 | 42000 | 29852336 | 29727362 |

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.
