

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 29<sup>th</sup> August 2025

(www.trai.gov.in)

**Highlights of Telecom Subscription Data as on 31<sup>st</sup> July 2025**

| Particulars                                  | Wireless*      | Wireline     | Total<br>(Wireless+<br>Wireline) |
|----------------------------------------------|----------------|--------------|----------------------------------|
| <b>Broadband Subscribers</b> (Million)       | <b>939.20</b>  | <b>45.49</b> | <b>984.69</b>                    |
| <b>Urban Telephone Subscribers</b> (Million) | <b>641.03</b>  | <b>42.48</b> | <b>683.52</b>                    |
| Net Addition in July 2025 (Million)          | 3.16           | 0.49         | 3.65                             |
| Monthly Growth Rate                          | 0.50%          | 1.18%        | 0.54%                            |
| <b>Rural Telephone Subscribers</b> (Million) | <b>530.88</b>  | <b>5.63</b>  | <b>536.51</b>                    |
| Net Addition in July 2025 (Million)          | -2.13          | 0.13         | -1.99                            |
| Monthly Growth Rate                          | -0.40%         | 2.42%        | -0.37%                           |
| <b>Total Telephone Subscribers</b> (Million) | <b>1171.91</b> | <b>48.11</b> | <b>1220.02</b>                   |
| Net Addition in July 2025 (Million)          | 1.03           | 0.63         | 1.66                             |
| Monthly Growth Rate                          | 0.09%          | 1.32%        | 0.14%                            |
| <b>Overall Tele-density@(% )</b>             | <b>82.75%</b>  | <b>3.40%</b> | <b>86.15%</b>                    |
| Urban Tele-density@(% )                      | 125.74%        | 8.33%        | 134.07%                          |
| Rural Tele-density@(% )                      | 58.57%         | 0.62%        | 59.19%                           |
| Share of Urban Subscribers                   | 54.70%         | 88.29%       | 56.02%                           |
| Share of Rural Subscribers                   | 45.30%         | 11.71%       | 43.98%                           |

❖ In the month of July 2025, 15.41 million subscribers submitted their requests for Mobile Number Portability (MNP).

❖ The Number of active wireless (Mobile) subscribers (on the date of peak VLR#) in July 2025 was 1083.14 million.

**Note:**

\* Wireless includes 5G FWA subscription also.

@ Based on the projection of population from the 'Report of the Technical Group on Population Projections for India and States 2011 – 2036'.

# VLR is acronym of Visitor Location Register. The dates of peak VLR for various telecom service providers (TSPs) are different in different service areas.

Information in this Press Release is based on the data provided by the TSPs to TRAI.

## I. Broadband Subscribers

- As per the information received from 1484 operators in July 2025, the total number of broadband subscribers increased from 979.71 million at the end of June 2025 to 984.69 million at the end of July 2025 with a monthly growth rate of 0.51%. Segment-wise number of broadband subscribers and their monthly growth rates are as below: -

### Segment-wise Broadband Subscribers and Monthly Growth Rate in the month of July 2025

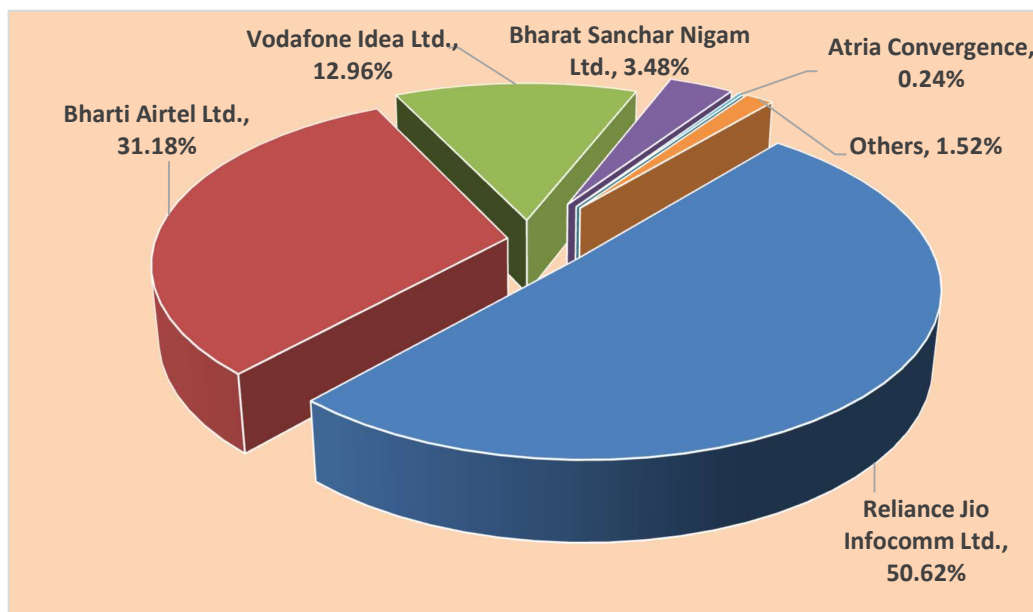
| Segment                            | Subscription                                                                  | Subscribers<br>(in million) |               | Percent<br>Change* |
|------------------------------------|-------------------------------------------------------------------------------|-----------------------------|---------------|--------------------|
|                                    |                                                                               | June-<br>2025               | July-<br>2025 |                    |
| <b>Wired subscribers</b>           | <b>Fixed (wired) Broadband</b><br>(DSL, FTTx, Ethernet/LAN, Cable Modem, ILL) | 44.69                       | 45.49         | 1.80%              |
| <b>Wireless Subscribers</b>        | <b>Fixed Wireless Broadband</b><br>(5G FWA, Wi-Fi, Wi-Max, Radio, Satellite)  | 8.21                        | 8.79          | 7.09%              |
|                                    | <b>Mobile Broadband</b><br>(Handset/Dongle based)                             | 926.81                      | 930.41        | 0.39%              |
| <b>Total Broadband Subscribers</b> |                                                                               | <b>979.71</b>               | <b>984.69</b> | <b>0.51%</b>       |

### Top five Broadband (Wired + Wireless) Service providers as on 31<sup>st</sup> July 2025

| S.N.                                                       | Name of the Service Provider        | Subscriber base<br>(In million) |
|------------------------------------------------------------|-------------------------------------|---------------------------------|
| 1.                                                         | Reliance Jio Infocomm Ltd.          | 498.47                          |
| 2.                                                         | Bharti Airtel Ltd.                  | 307.07                          |
| 3.                                                         | Vodafone Idea Ltd.                  | 127.58                          |
| 4.                                                         | Bharat Sanchar Nigam Ltd.           | 34.27                           |
| 5.                                                         | Atria Convergence Technologies Ltd. | 2.34                            |
| <b>Market Share of Top Five Broadband (Wired+Wireless)</b> |                                     | <b>98.48%</b>                   |

- The graphical representation of the service provider-wise market share of broadband services is given below: -

**Service Provider-wise Market Share of Broadband  
(wired + wireless) Services as on 31<sup>st</sup> July 2025**



**Top Five Fixed (Wired) Broadband Service providers as on 31<sup>st</sup> July 2025**

| S.N.                                                                      | Name of the Service Provider        | Subscriber base<br>(In million) |
|---------------------------------------------------------------------------|-------------------------------------|---------------------------------|
| 1.                                                                        | Reliance Jio Infocomm Ltd.          | 14.52                           |
| 2.                                                                        | Bharti Airtel Ltd.                  | 9.55                            |
| 3.                                                                        | Bharat Sanchar Nigam Ltd            | 4.36                            |
| 4.                                                                        | Atria Convergence Technologies Ltd. | 2.34                            |
| 5.                                                                        | Kerala Vision Broadband Ltd.        | 1.39                            |
| <b>Market Share of Top Five Fixed (Wired) Broadband Service Providers</b> |                                     | <b>70.68%</b>                   |

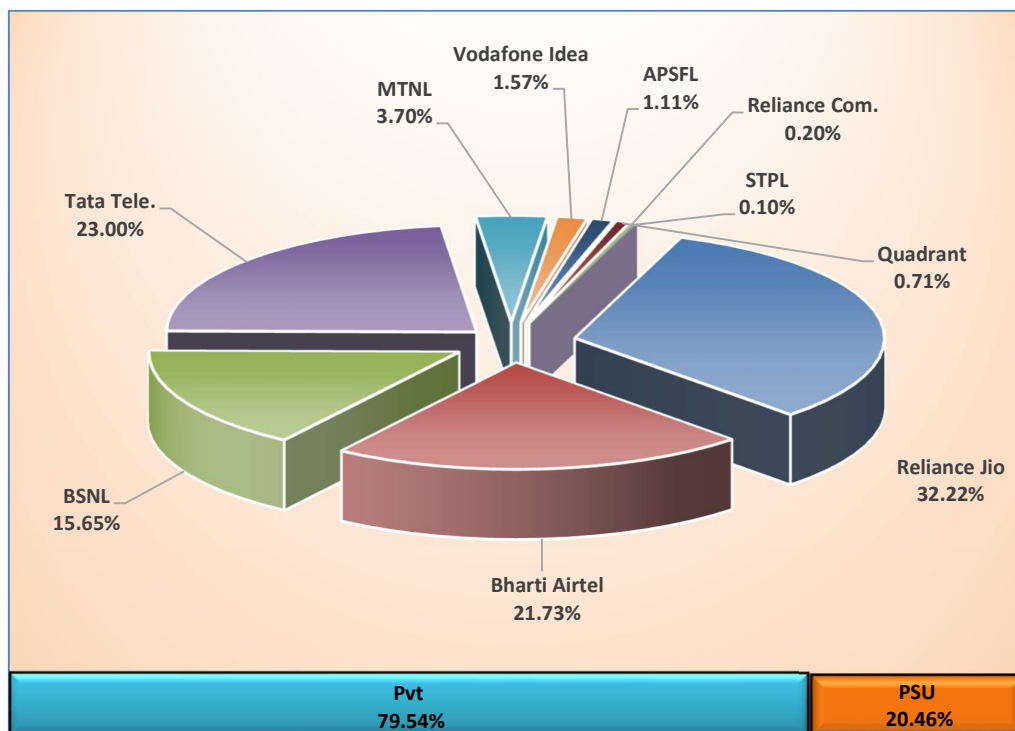
**Top five Wireless (Fixed wireless & mobile)  
Broadband Service providers as on 31<sup>st</sup> July 2025**

| S.N.                                                                 | Name of the Service Provider                  | Subscriber base<br>(In million) |
|----------------------------------------------------------------------|-----------------------------------------------|---------------------------------|
| 1.                                                                   | Reliance Jio Infocomm Ltd.                    | 483.95                          |
| 2.                                                                   | Bharti Airtel Ltd.                            | 297.52                          |
| 3.                                                                   | Vodafone Idea Ltd.                            | 127.57                          |
| 4.                                                                   | Bharat Sanchar Nigam Ltd..                    | 29.91                           |
| 5.                                                                   | IBus Virtual Network Services Private Limited | 0.12                            |
| <b>Market Share of Top Five Wireless Broadband Service Providers</b> |                                               | <b>99.99%</b>                   |

## II. Wireline Subscribers

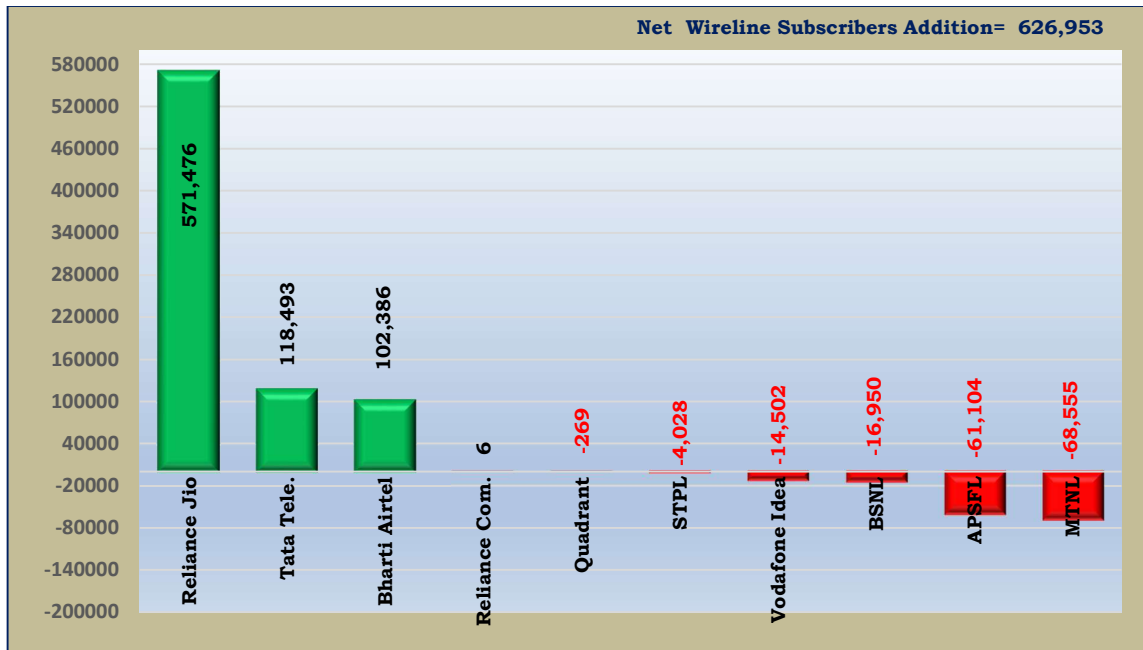
- Wireline subscribers increased from 47.49 million at the end of July 2025, to 48.11 million at the end of June 2025. The net increase in the wireline subscriber base was 0.63 million with a monthly growth rate of 1.32%.
- The overall wireline tele-density in India increased from 3.36% at the end of June 2025 to 3.40% at the of July 2025. Urban and rural wireline tele-density were 8.33% and 0.62% respectively, on 31<sup>st</sup> July 2025. The respective share of urban subscribers, and rural subscribers in total wireline subscribers were 88.29% and 11.71% respectively at the end of July 2025.
- BSNL, MTNL, and APSFL, the three PSU access service providers, held 20.46% of the wireline market share as on 31<sup>st</sup> July 2025. Detailed statistics of the wireline subscriber base are available at **Annexure-I**.

### Access Service Provider-wise Market Share of wireline Subscribers as on 31<sup>st</sup> July 2025



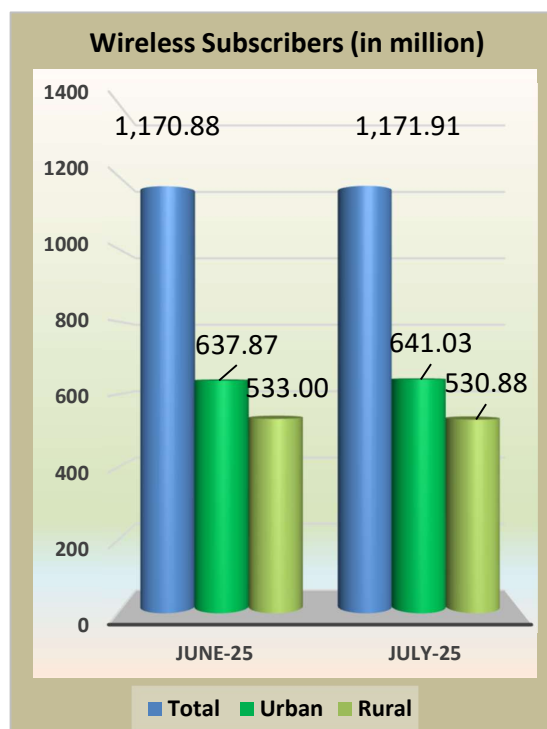
- The net addition/ decline in the wireline subscriber base of various access service providers in the month of July 2025 is given below:

**Access Service Provider-wise Net Addition/Decline in Wireline Subscribers during the month of July 2025**



### III. Wireless (Mobile + 5G FWA) Subscribers

- Total wireless (mobile + 5G FWA) subscribers increased from 1170.88 million at the end of June, 2025 to 1171.91 million at the end of July 2025, thereby registering a monthly growth rate of 0.09%. Total wireless subscription in urban areas increased from 637.87 million on 30<sup>th</sup> June 2025 to 641.03 million on 31<sup>st</sup> July 2025. The subscription in rural areas decreased from 533.00 million to 530.88 million during the same period. The monthly growth rate of urban and rural wireless subscriptions was 0.50% and -0.40%, respectively.

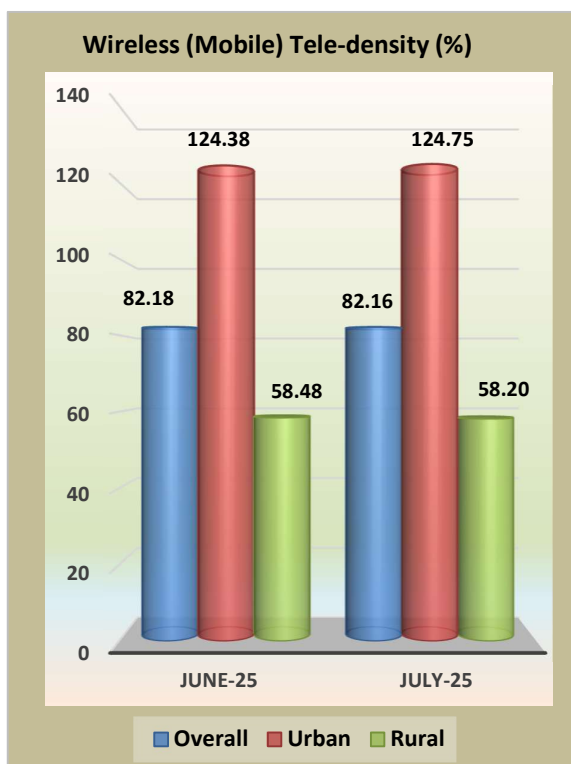


- The wireless tele-density in India increased from 82.74% at the end of June 2025 to 82.75% at the end of July 2025. The urban wireless tele-density increased from 125.31% at the end of June 2025 to 125.74% at the end of July 2025. The rural wireless tele-density decreased from 58.82% to 58.57% during the same period. The share of urban and rural wireless subscribers in the total number of wireless subscribers was 54.70% and 45.30%, respectively, at the end of July 2025.

- The details of Wireless (mobile) and Wireless (5G FWA) subscribers are given below:

### **(A) Wireless (mobile) subscriber**

• Total wireless (mobile) subscribers increased from 1163.03 million at the end of June 2025 to 1163.51 million at the end of July 2025 thereby registering a monthly growth rate of 0.04%. Wireless (mobile) subscription in urban areas increased from 633.14 million at the end of June 2025 to 636.02 million at the end of July 2025 and wireless (mobile) subscription in rural areas decreased from 529.88 million to 527.49 million during the same period. The monthly growth rates of urban and rural wireless (mobile) subscription were 0.45% and -0.45% respectively.

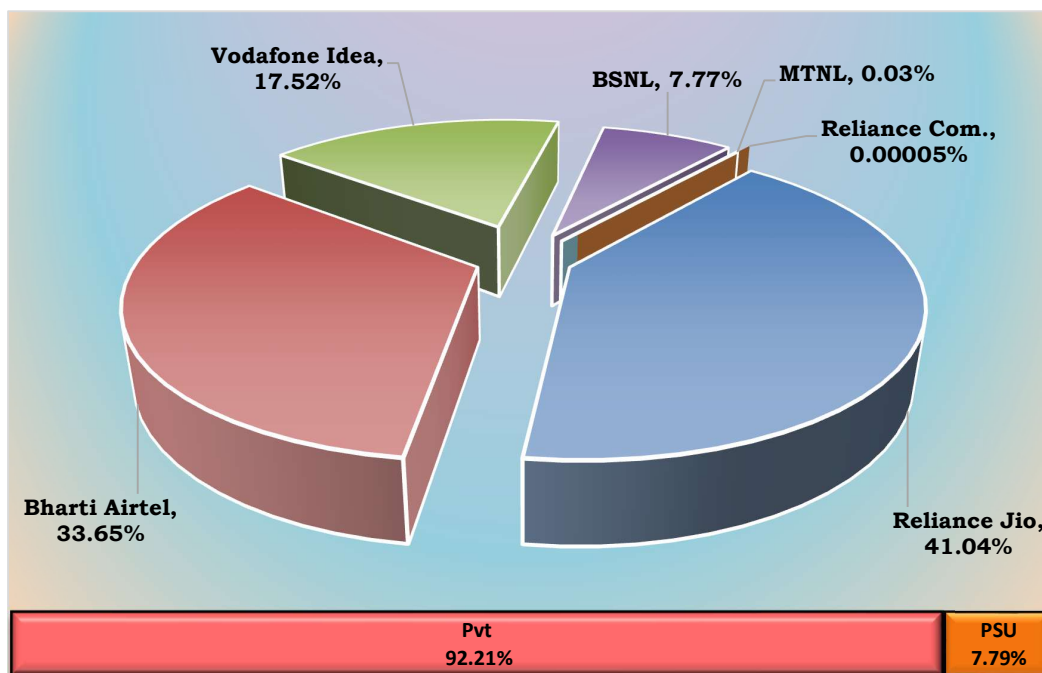


• The wireless (mobile) tele-density in India decreased from 82.18% at the end of June 2025 to 82.16% at the end of July 2025. The urban wireless (mobile) tele-density increased from 124.38% at the end of June 2025 to 124.75% at the end of July 2025 and rural wireless (mobile) tele-density decreased from 58.48% to 58.20% during the same period. The shares of urban and rural wireless (mobile) subscribers in total number of wireless (mobile) subscribers were 54.66% and 45.34% respectively at the end of July 2025.

The detailed statistics of wireless (mobile) subscriber base is available at **Annexure-II.**

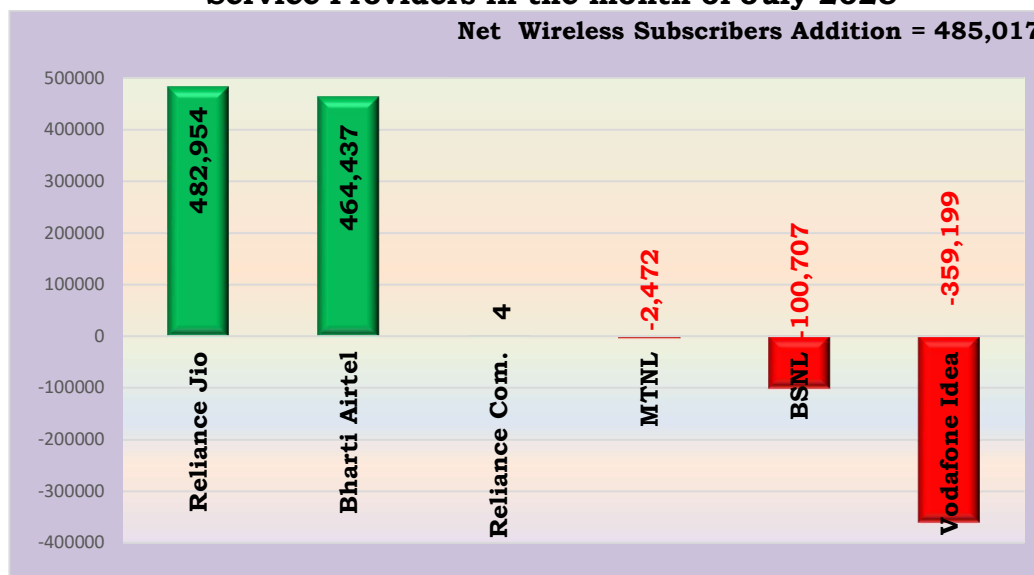
- As on 31<sup>st</sup> July 2025 the private access service providers held 92.21% market share of the wireless (mobile) subscribers, whereas BSNL and MTNL, the two PSU access service providers, had a market share of only 7.79%.
- The graphical representation of access service provider-wise market share and net additions in wireless (mobile) subscriber base are given below: -

**Access Service Provider-wise Market Shares in term of Wireless (Mobile) Subscribers as on 31<sup>st</sup> July 2025**



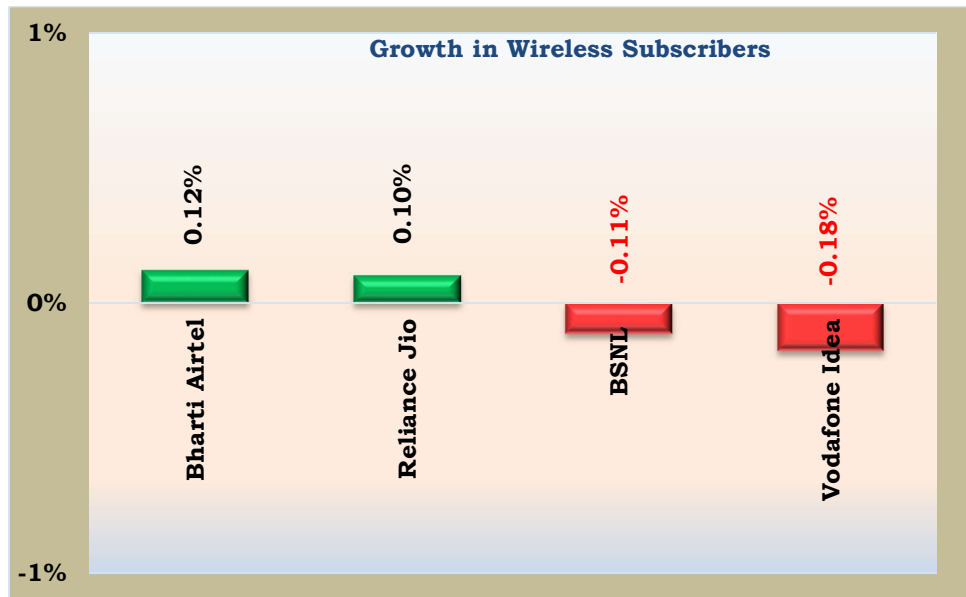
**Net Addition/ Decline in Wireless (Mobile) Subscribers of Access Service Providers in the month of July 2025**

Net Wireless Subscribers Addition = 485,017

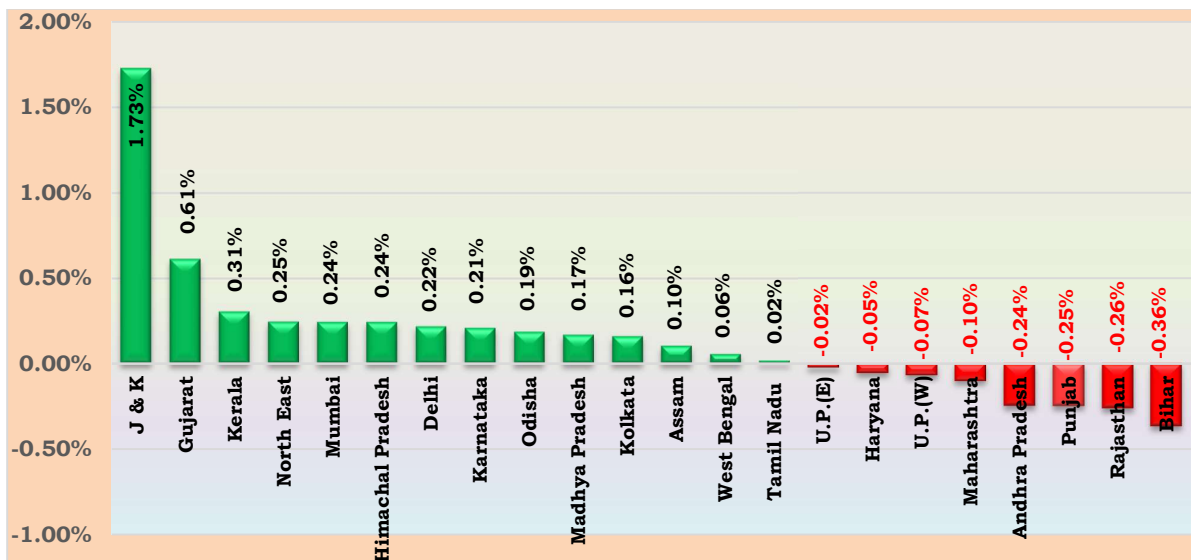


## Growth in Wireless (Mobile) Subscribers

### Major Access Service Provider-wise Monthly Growth/ Decline Rate of Wireless Subscribers in the month of July 2025



### Service Area-wise Monthly Growth/ Decline Rate of Wireless (Mobile) Subscribers in the month of July 2025



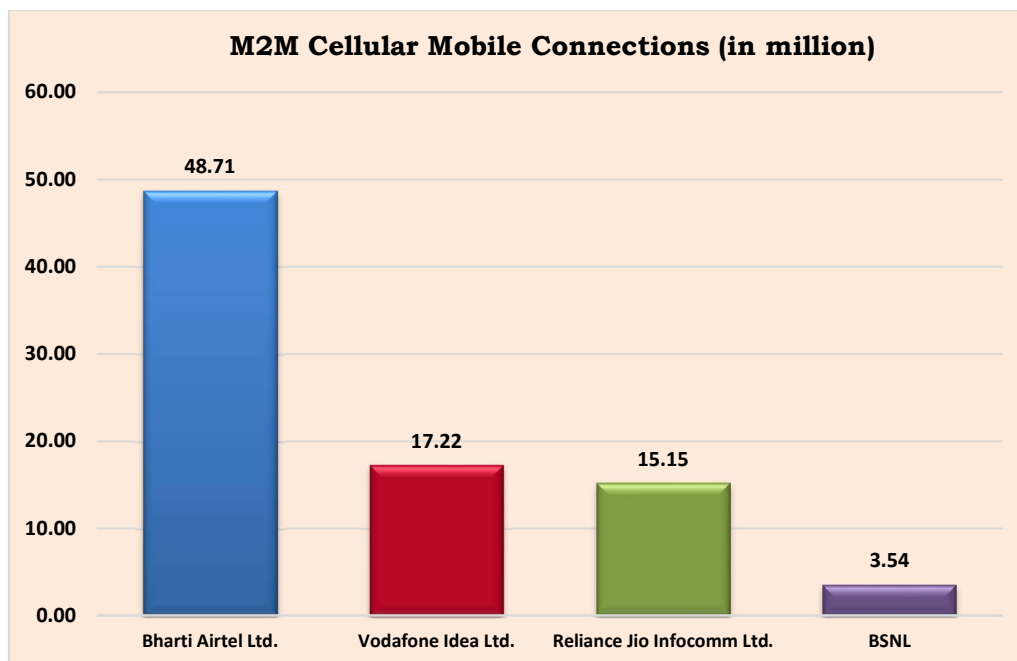
- Except U.P.(E), Haryana, U.P.(W), Maharashtra, Andhra Pradesh, Punjab, Rajasthan and Bihar, all other service areas have showed growth in their wireless (Mobile) subscribers during the month of July 2025.

### (B) Wireless (5G FWA) subscribers

- Total wireless (5G FWA) subscribers increased from 7.85 million at the end of June 2025 to 8.40 million at the end of July 2025 with subscriptions in urban and rural areas of 5.02 million and 3.38 million, respectively.
- The share of urban and rural wireless (5G FWA) subscribers in the total number of wireless (5G FWA) subscribers was 59.71% and 40.29%, respectively at the end of July 2025. Detailed statistics of the wireless (5G FWA) subscriber base is available at **Annexure-V**.

### IV. M2M cellular mobile connections

The number of M2M cellular mobile connections increased from 79.44 million at the end of June 2025 to 84.62 million at the end of July 2025.



Bharti Airtel Limited has the highest number of M2M cellular mobile connections of 48.71 million with a market share of 57.56%, followed by Vodafone Idea Limited, Reliance Jio Infocomm Limited and BSNL with market share of 20.35%, 17.91% and 4.18% respectively.

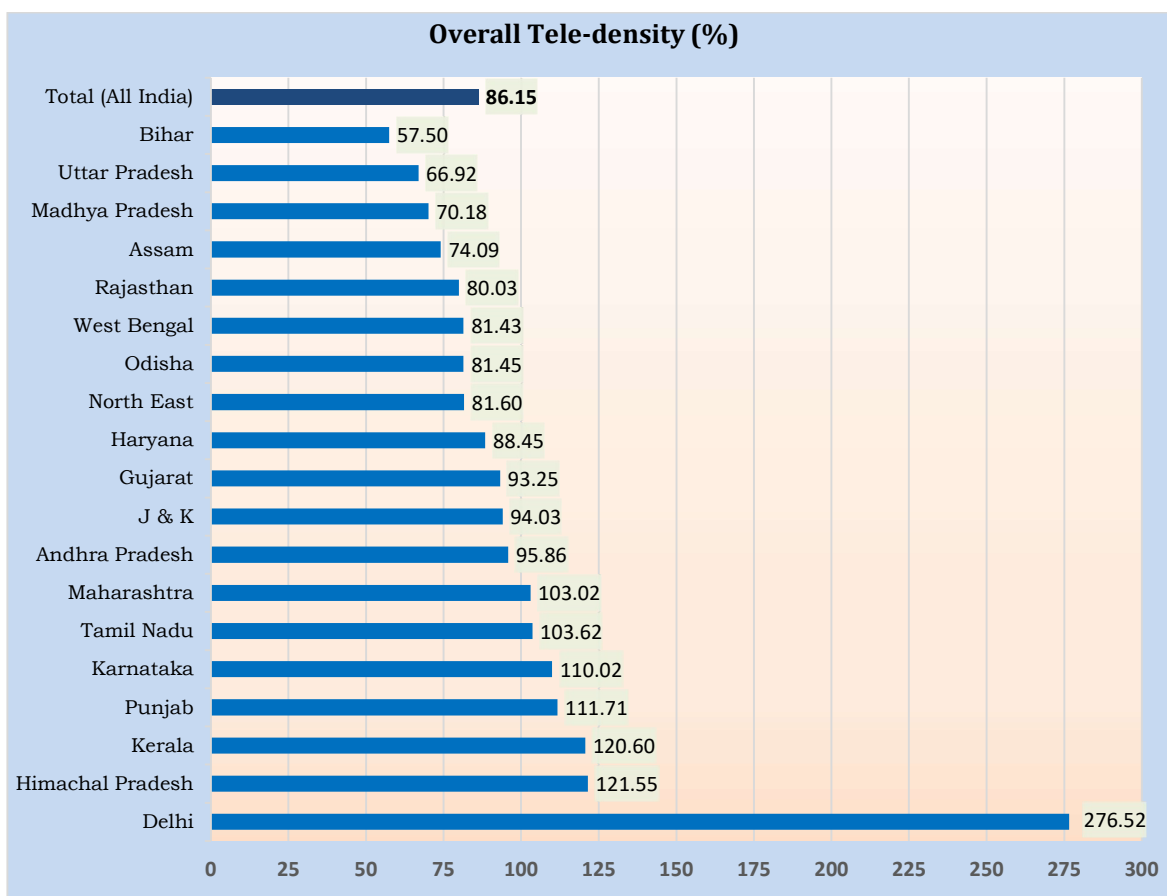
## V. Total Telephone Subscribers

- The total telephone subscribers in India increased from 1218.36 million at the end of June 2025 to 1220.02 million at the end of July 2025, thereby showing a monthly growth rate of 0.14%. Urban telephone subscription increased from 679.86 million at the end of June 2025 to 683.52 million at the end of July 2025 and the rural telephone subscription decreased from 538.50 million to 536.51 million during the same period. The monthly growth rates of urban and rural telephone subscription were 0.54% and -0.37% respectively during the month of July 2025.



- The overall tele-density in India increased from 86.09% at the end of June 2025 to 86.15% at the end of July 2025. The urban tele-density increased from 133.56% at the end of June 2025 to 134.07% at the end of July 2025 and rural tele-density decreased from 59.43% to 59.19% during the same period. The share of urban and rural subscribers in total number of telephone subscribers at the end of July 2025 were 56.02% and 43.98% respectively.

## Overall Tele-density (LSA Wise) – As on 31<sup>st</sup> July 2025



- As may be seen in the above chart, eight LSA have less tele-density than the all-India average tele-density at the end of July 2025. Delhi service area has the maximum tele-density of 276.52% and the Bihar service area has the minimum tele-density of 57.50% at the end of July 2025.

### Notes: -

- Population data/projections are available state wise only.
- Tele-density figures are derived from the telephone subscriber data provided by the access service providers and the projection of population from the "Report of the Technical Group on Population Projections for India and States 2011 – 2036.
- Telephone subscriber data for Delhi, includes, apart from the data for the State of Delhi, wireless subscriber data for the areas served by the local exchanges of Ghaziabad & Noida (in Uttar Pradesh) and Gurgaon & Faridabad (in Haryana).
- Data/information for West Bengal includes Kolkata, Maharashtra includes Mumbai and Uttar Pradesh includes UPE & UPW service area(s).
- Data/information for Andhra Pradesh includes Telengana, Madhya Pradesh includes Chhatishgarh, Bihar includes Jharkhand, Maharashtra includes Goa, Uttar Pradesh includes Uttarakhand, West Bengal includes Sikkim and North-East includes Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland & Tripura States.

## VI. Category-wise Growth in subscriber base

### Circle Category-wise Net Additions in Telephone Subscribers in the month of July 2025

| Circle Category  | Net additions in the month of July 2025 |                  | Telephone Subscriber base as on 31 <sup>st</sup> July 2025 |                      |
|------------------|-----------------------------------------|------------------|------------------------------------------------------------|----------------------|
|                  | Wireline segment                        | Wireless*        | Wireline segment                                           | Wireless*            |
| Circle A         | 276,427                                 | 456,146          | 20,411,659                                                 | 390,132,447          |
| Circle B         | 244,326                                 | 199,117          | 11,792,684                                                 | 474,463,596          |
| Circle C         | 93,314                                  | 116,640          | 3,447,131                                                  | 194,381,863          |
| Metro            | 12,886                                  | 261,975          | 12,462,250                                                 | 112,932,716          |
| <b>All India</b> | <b>626,953</b>                          | <b>1,033,878</b> | <b>48,113,724</b>                                          | <b>1,171,910,622</b> |

\*Wireless includes 5G FWA subscription also

### Circle Category-wise monthly and yearly Growth Rates in Telephone Subscribers in the month of July 2025

| Circle Category  | Monthly growth rate (%) (June-25 to July-25) |                   | Yearly growth rate (%) (July-24 to July-25) |                   |
|------------------|----------------------------------------------|-------------------|---------------------------------------------|-------------------|
|                  | Wireline Segment                             | Wireless* Segment | Wireline Segment                            | Wireless* Segment |
| Circle A         | 1.37%                                        | 0.12%             | 47.84%                                      | 0.37%             |
| Circle B         | 2.12%                                        | 0.04%             | 21.85%                                      | -0.20%            |
| Circle C         | 2.78%                                        | 0.06%             | 19.31%                                      | 2.16%             |
| Metro            | 0.10%                                        | 0.23%             | 35.66%                                      | -1.42%            |
| <b>All India</b> | <b>1.32%</b>                                 | <b>0.09%</b>      | <b>35.30%</b>                               | <b>0.25%</b>      |

\*Wireless includes 5G FWA subscription also

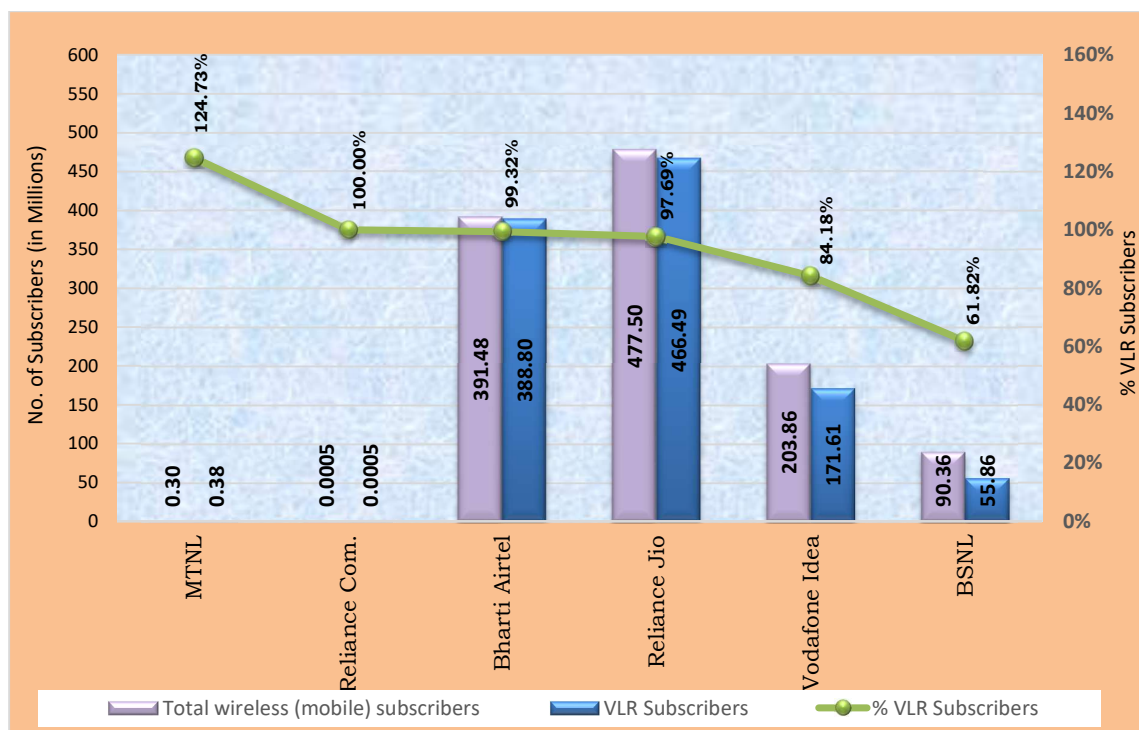
Note: Circle Category-Metro includes Delhi, Mumbai and Kolkata.

- As can be seen in the above tables, in the wireless segment, during the month of July 2025, on a monthly basis, all circles have registered a growth in their subscriber bases. On a yearly basis, except Circle 'A' & Circle 'C', all other circles have registered a decline in their subscriber bases.
- In the wireline segment, during the month of July 2025 on a monthly and yearly basis, all circles have registered a growth in their subscriber bases.

## VII. Active Wireless (Mobile) Subscribers (VLR Data)

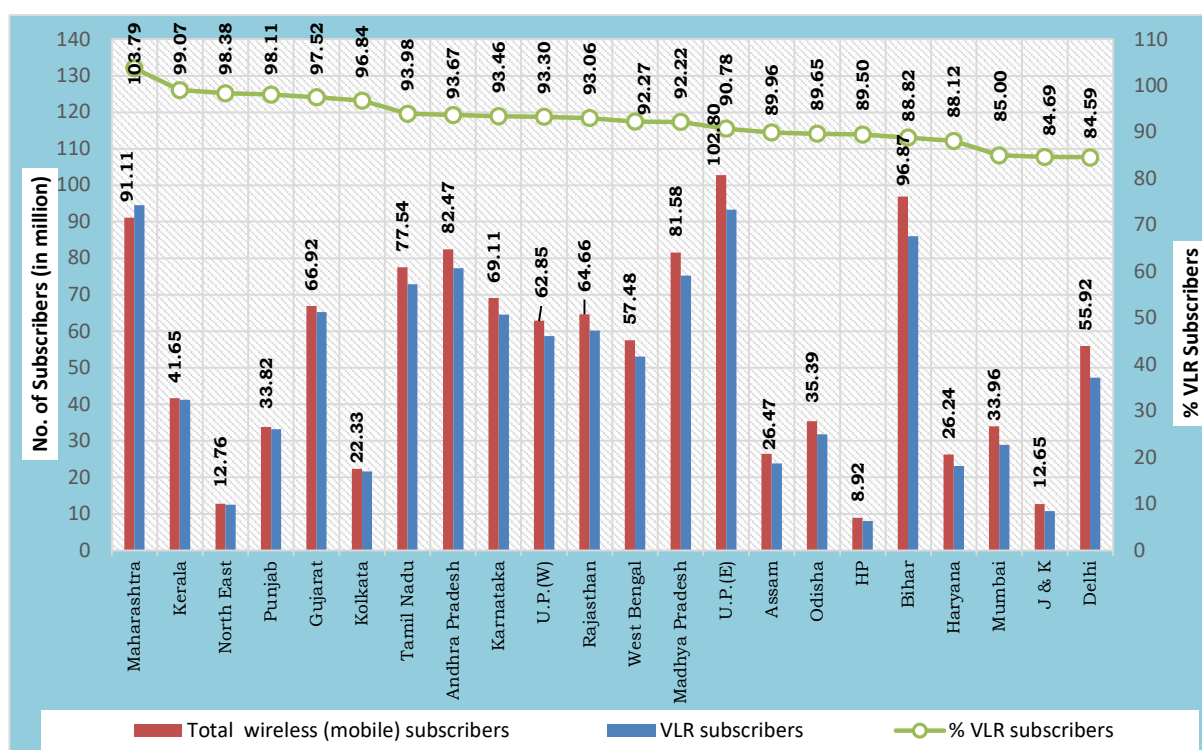
- Out of the total 1163.51 million wireless (mobile) subscribers, 1083.14 million wireless (mobile) subscribers were active on the date of peak VLR in the month of July 2025. The proportion of active wireless (mobile) subscribers was approximately 93.09% of the total wireless (mobile) subscriber base.
- The detailed statistics on proportion of active wireless subscribers (also referred to as VLR subscribers) on the date of peak VLR in the month of July 2025 is available at **Annexure-III** and the methodology used for reporting VLR subscribers is available at **Annexure-IV**.

### Access Service Provider-wise Percentage of VLR Subscribers in the month of July 2025



- MTNL has the maximum proportion (124.73%) of its active wireless (mobile) subscribers (VLR) as against its total wireless (mobile) subscribers (HLR) on the date of peak VLR in the month of July 2025. BSNL has the minimum proportion of VLR as 61.82% of its HLR during the same period.

### Service Area wise percentage of VLR Subscribers in the month of July 2025



### VIII. Mobile Number Portability (MNP)

- In India, the mobile number portability (MNP) was implemented in Haryana service area w.e.f. 25.11.2010 and in the rest of the country w.e.f. 20.01.2011. Initially it was available only within the same Licensed Service Area (LSA). Inter-Service Area MNP was implemented in the country w.e.f. 03.07.2015 allowing the wireless mobile subscribers to retain their mobile numbers when they relocate from one service area to another.
- During the month of July 2025, a total of 15.41 million requests were received for MNP. Out of total 15.41 million, new requests received from Zone-I & Zone-II were 8.77 million and 6.63 million respectively.
- In MNP Zone-I (Northern and Western India), the highest number of requests till date have been received in Uttar Pradesh-East (119.76 million) followed by Maharashtra (94.78 million) service area.

- In MNP Zone-II (Southern and Eastern India), the highest number of requests till date have been received in Madhya Pradesh (93.58 million) followed by Karnataka (75.91 million).

| Service Area Wise MNP Status    |                                                                              |               |                |                                                                              |                 |
|---------------------------------|------------------------------------------------------------------------------|---------------|----------------|------------------------------------------------------------------------------|-----------------|
| Zone-I                          |                                                                              |               | Zone-II        |                                                                              |                 |
| Service Area                    | Cumulative Number of Porting Requests Till the end of the month (in Million) |               | Service Area   | Cumulative Number of Porting Requests Till the end of the month (in Million) |                 |
|                                 | Jun-25                                                                       | Jul-25        |                | Jun-25                                                                       | Jul-25          |
| Delhi                           | 55.14                                                                        | 55.85         | Andhra Pradesh | 74.62                                                                        | 75.31           |
| Gujarat                         | 78.80                                                                        | 79.96         | Assam          | 8.54                                                                         | 8.66            |
| Haryana                         | 36.41                                                                        | 36.86         | Bihar          | 68.21                                                                        | 69.36           |
| Himachal Pradesh                | 4.83                                                                         | 4.89          | Karnataka      | 75.28                                                                        | 75.91           |
| Jammu & Kashmir                 | 3.45                                                                         | 3.53          | Kerala         | 27.11                                                                        | 27.41           |
| Maharashtra                     | 93.66                                                                        | 94.78         | Kolkata        | 20.73                                                                        | 20.93           |
| Mumbai                          | 36.97                                                                        | 37.26         | Madhya Pradesh | 92.11                                                                        | 93.58           |
| Punjab                          | 37.42                                                                        | 37.81         | North East     | 2.64                                                                         | 2.68            |
| Rajasthan                       | 76.72                                                                        | 77.58         | Odisha         | 20.15                                                                        | 20.39           |
| U.P.(East)                      | 117.63                                                                       | 119.76        | Tamil Nadu     | 71.19                                                                        | 71.83           |
| U.P.(West)                      | 88.25                                                                        | 89.78         | West Bengal    | 70.16                                                                        | 71.32           |
| <b>Total</b>                    | <b>629.28</b>                                                                | <b>638.06</b> | <b>Total</b>   | <b>530.75</b>                                                                | <b>537.38</b>   |
| <b>Total (Zone-I + Zone-II)</b> |                                                                              |               |                | <b>1,160.03</b>                                                              | <b>1,175.43</b> |
| <b>Net Addition (July 2025)</b> |                                                                              |               |                | <b>15.41 million</b>                                                         |                 |

**Contact details in case of any clarification: -**

Shri Akhilesh Kumar Trivedi, Advisor (NSL-II),  
Telecom Regulatory Authority of India  
World Trade Centre, Tower-F,  
Nauroji Nagar, New Delhi – 110029  
Ph: 011-20907758  
E-mail: [advmn@traigov.in](mailto:advmn@traigov.in)

**(S. B. Singh)**  
**Pr. Advisor (NSL), TRAI**

## Wireline Subscriber Base

## Annexure-I

| Service Area             | BSNL           |                | MTNL           |                | Bharti Airtel   |                 | Reliance Com. |              | Tata Tele.      |                 | Quadrant      |               | Vodafone Idea |               | Reliance Jio    |                 | STPL         |              | APSFL         |               | Total           |                 | Net Addition  |
|--------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|---------------|--------------|-----------------|-----------------|---------------|---------------|---------------|---------------|-----------------|-----------------|--------------|--------------|---------------|---------------|-----------------|-----------------|---------------|
|                          | June-25        | July-25        | June-25        | July-25        | June-25         | July-25         | June-25       | July-25      | June-25         | July-25         | June-25       | July-25       | June-25       | July-25       | June-25         | July-25         | June-25      | July-25      | June-25       | July-25       | June-25         | July-25         |               |
| Andhra Pradesh           | 656358         | 653585         |                |                | 859657          | 892986          | 14779         | 14872        | 1048507         | 1057269         |               |               | 81870         | 81320         | 1823782         | 1880855         |              |              | 596084        | 534980        | 5081037         | 5115867         | 34830         |
| Assam                    | 102139         | 102048         |                |                | 62853           | 64626           | 0             | 0            |                 |                 |               |               | 2190          | 2130          | 232741          | 239869          |              |              |               |               | 399923          | 408673          | 8750          |
| Bihar                    | 165700         | 165566         |                |                | 385956          | 391649          | 9             | 9            | 63315           | 55327           |               |               | 5159          | 2409          | 731224          | 775056          |              |              |               |               | 1351363         | 1390016         | 38653         |
| Delhi                    | 0              | 0              | 834517         | 765031         | 2352954         | 2360932         | 12341         | 12231        | 979042          | 979121          |               |               | 72627         | 83742         | 1216543         | 1232692         |              |              |               |               | 5468024         | 5433749         | -34275        |
| Gujarat                  | 467336         | 466027         |                |                | 326083          | 326785          | 2279          | 2318         | 752038          | 760166          |               |               | 97015         | 90830         | 911253          | 955350          |              |              |               |               | 2556004         | 2601476         | 45472         |
| Haryana                  | 356912         | 362232         |                |                | 209488          | 213333          | 0             | 0            | 192552          | 193241          |               |               | 360           | 360           | 227865          | 245219          |              |              |               |               | 987177          | 1014385         | 27208         |
| Himachal Pradesh         | 97414          | 97156          |                |                | 16995           | 24549           | 0             | 0            | 4038            | 4038            |               |               | 60            | 60            | 74231           | 76571           |              |              |               |               | 192738          | 202374          | 9636          |
| J & K                    | 52573          | 51700          |                |                | 139095          | 140764          | 0             | 0            |                 |                 |               |               | 30            | 30            | 266398          | 279924          |              |              |               |               | 458096          | 472418          | 14322         |
| Karnataka                | 674357         | 673654         |                |                | 1283002         | 1280539         | 11669         | 11631        | 2561298         | 2646636         |               |               | 175449        | 161799        | 1147539         | 1185952         |              |              |               |               | 5853314         | 5960211         | 106897        |
| Kerala                   | 1204076        | 1202567        |                |                | 129511          | 131565          | 2269          | 2296         | 97375           | 98730           |               |               | 6687          | 6477          | 383029          | 387446          |              |              |               |               | 1822947         | 1829081         | 6134          |
| Kolkata                  | 231980         | 229062         |                |                | 215592          | 213451          | 2561          | 2571         | 360316          | 365841          |               |               | 12993         | 13231         | 637058          | 661100          |              |              |               |               | 1460500         | 1485256         | 24756         |
| Madhya Pradesh           | 305423         | 306221         |                |                | 613760          | 614485          | 5             | 5            | 144004          | 128185          |               |               | 46492         | 43732         | 1042127         | 1086139         |              |              |               |               | 2151811         | 2178767         | 26956         |
| Maharashtra              | 652001         | 648683         |                |                | 607932          | 615448          | 6400          | 6474         | 1019200         | 1028039         |               |               | 20090         | 20020         | 459280          | 495061          |              |              |               |               | 2764903         | 2813725         | 48822         |
| Mumbai                   | 2162           | 2162           | 1012416        | 1013347        | 632930          | 631229          | 30768         | 30734        | 2625763         | 2641180         |               |               | 181481        | 183916        | 1035320         | 1040677         |              |              |               |               | 5520840         | 5543245         | 22405         |
| North East               | 59925          | 60000          |                |                | 0               | 0               | 0             | 0            |                 |                 |               |               | 480           | 450           | 223304          | 227903          |              |              |               |               | 283709          | 288353          | 4644          |
| Odisha                   | 155693         | 155408         |                |                | 89520           | 92234           | 4             | 4            | 86140           | 88094           |               |               | 2564          | 2592          | 334067          | 346965          |              |              |               |               | 667988          | 685297          | 17309         |
| Punjab                   | 547174         | 549362         |                |                | 393181          | 401526          | 1508          | 1506         | 62136           | 61169           | 342177        | 341908        | 1360          | 1180          | 518129          | 547263          | 54364        | 50336        |               |               | 1920029         | 1954250         | 34221         |
| Rajasthan                | 298436         | 297104         |                |                | 332881          | 336964          | 2863          | 2760         | 87907           | 87753           |               |               | 10065         | 9475          | 613924          | 652275          |              |              |               |               | 1346076         | 1386331         | 40255         |
| Tamil Nadu               | 980922         | 979911         |                |                | 1033209         | 1042209         | 9311          | 9361         | 776974          | 788311          |               |               | 30620         | 30045         | 1048938         | 1070543         |              |              |               |               | 3879974         | 3920380         | 40406         |
| U.P.(E)                  | 139051         | 138566         |                |                | 341290          | 345860          | 29            | 29           | 55613           | 51667           |               |               | 16382         | 16112         | 771737          | 812194          |              |              |               |               | 1324102         | 1364428         | 40326         |
| U.P.(W)                  | 214172         | 213233         |                |                | 235465          | 240391          | 7             | 7            | 25120           | 24720           |               |               | 4020          | 3582          | 876465          | 927568          |              |              |               |               | 1355249         | 1409501         | 54252         |
| West Bengal              | 185344         | 177951         |                |                | 92883           | 95098           | 21            | 21           | 6973            | 7317            |               |               | 150           | 150           | 355596          | 375404          |              |              |               |               | 640967          | 655941          | 14974         |
| <b>Total</b>             | <b>7549148</b> | <b>7532198</b> | <b>1846933</b> | <b>1778378</b> | <b>10354237</b> | <b>10456623</b> | <b>96823</b>  | <b>96829</b> | <b>10948311</b> | <b>11066804</b> | <b>342177</b> | <b>341908</b> | <b>768144</b> | <b>753642</b> | <b>14930550</b> | <b>15502026</b> | <b>54364</b> | <b>50336</b> | <b>596084</b> | <b>534980</b> | <b>47486771</b> | <b>48113724</b> | <b>626953</b> |
| <b>Net Addition</b>      |                | <b>-16950</b>  |                | <b>-68555</b>  |                 | <b>102386</b>   |               | <b>6</b>     |                 | <b>118493</b>   |               | <b>-269</b>   |               | <b>-14502</b> |                 | <b>571476</b>   |              | <b>-4028</b> |               | <b>-61104</b> |                 | <b>626953</b>   |               |
| <b>Rural Subscribers</b> | 2,153,721      | 2,159,799      | 29             | 29             | 2,646           | 2,692           | 300           | 300          | 1,505,943       | 1,517,914       | 165,167       | 165,679       | 0             | 0             | 1,231,021       | 1,383,645       | 0            | 0            | 439845        | 401741        | <b>5498672</b>  | <b>5631799</b>  | <b>133127</b> |

# Wireless (Mobile) Subscriber Base

Annexure-II

| Circle            | Bharti Airtel      |                    | Reliance Com. |            | Vodafone Idea      |                    | BSNL              |                   | MTNL           |                | Reliance Jio       |                    | Total                |                      | Net Addition   |
|-------------------|--------------------|--------------------|---------------|------------|--------------------|--------------------|-------------------|-------------------|----------------|----------------|--------------------|--------------------|----------------------|----------------------|----------------|
|                   | June-25            | July-25            | June-25       | July-25    | June-25            | July-25            | June-25           | July-25           | June-25        | July-25        | June-25            | July-25            | June-25              | July-25              |                |
| Andhra Pradesh    | 34,242,244         | 34,321,932         | 0             | 0          | 9,596,019          | 9,503,297          | 6,914,850         | 6,916,286         |                |                | 31,919,256         | 31,730,391         | 82,672,369           | 82,471,906           | -200463        |
| Assam             | 12,307,089         | 12,351,382         |               |            | 1,429,694          | 1,442,516          | 2,949,537         | 2,925,869         |                |                | 9,755,628          | 9,749,921          | 26,441,948           | 26,469,688           | 27740          |
| Bihar             | 40,991,403         | 40,807,978         | 0             | 0          | 7,858,060          | 7,949,346          | 5,685,861         | 5,648,429         |                |                | 42,682,509         | 42,460,057         | 97,217,833           | 96,865,810           | -352023        |
| Delhi             | 19,006,627         | 19,071,921         | 1             | 2          | 16,728,046         | 16,650,505         |                   |                   | 174,758        | 174,277        | 19,893,256         | 20,027,060         | 55,802,688           | 55,923,765           | 121077         |
| Gujarat           | 12,420,850         | 12,555,074         | 1             | 1          | 19,750,613         | 19,702,070         | 3,240,893         | 3,231,672         |                |                | 31,098,753         | 31,429,998         | 66,511,110           | 66,918,815           | 407705         |
| Haryana           | 7,337,692          | 7,346,147          | 0             | 0          | 6,310,748          | 6,300,847          | 4,254,279         | 4,281,565         |                |                | 8,352,577          | 8,312,701          | 26,255,296           | 26,241,260           | -14036         |
| Himachal Pradesh  | 3,599,301          | 3,608,108          | 0             | 0          | 381,258            | 383,681            | 1,679,271         | 1,684,645         |                |                | 3,234,729          | 3,239,834          | 8,894,559            | 8,916,268            | 21709          |
| J & K             | 6,315,109          | 6,373,463          | 0             | 0          | 259,065            | 254,920            | 861,736           | 863,591           |                |                | 4,999,647          | 5,158,575          | 12,435,557           | 12,650,549           | 214992         |
| Karnataka         | 32,449,731         | 32,466,518         | 402           | 402        | 6,851,977          | 6,936,855          | 4,505,756         | 4,502,365         |                |                | 25,162,401         | 25,208,588         | 68,970,267           | 69,114,728           | 144461         |
| Kerala            | 9,103,787          | 9,177,773          | 0             | 4          | 12,845,818         | 12,828,062         | 8,774,237         | 8,789,243         |                |                | 10,803,334         | 10,858,996         | 41,527,176           | 41,654,078           | 126902         |
| Kolkata           | 5,374,126          | 5,319,701          | 0             | 0          | 4,754,217          | 4,774,683          | 1,373,028         | 1,365,363         |                |                | 10,795,156         | 10,872,556         | 22,296,527           | 22,332,303           | 35776          |
| Madhya Pradesh    | 16,695,435         | 16,736,923         | 0             | 0          | 13,277,301         | 13,253,296         | 5,056,025         | 5,034,420         |                |                | 46,412,887         | 46,554,116         | 81,441,648           | 81,578,755           | 137107         |
| Maharashtra       | 22,744,325         | 22,837,997         | 0             | 0          | 20,282,509         | 20,296,273         | 5,251,965         | 5,221,931         |                |                | 42,921,671         | 42,754,621         | 91,200,470           | 91,110,822           | -89648         |
| Mumbai            | 10,080,637         | 10,087,725         | 58            | 58         | 10,725,076         | 10,707,338         |                   |                   | 132,334        | 130,343        | 12,938,940         | 13,034,340         | 33,877,045           | 33,959,804           | 82759          |
| North East        | 6,457,193          | 6,459,452          | 0             | 0          | 627,363            | 625,765            | 1,282,201         | 1,276,976         |                |                | 4,361,273          | 4,397,036          | 12,728,030           | 12,759,229           | 31199          |
| Odisha            | 11,991,403         | 11,982,404         | 0             | 0          | 1,428,049          | 1,454,416          | 5,540,622         | 5,529,977         |                |                | 16,361,162         | 16,420,531         | 35,321,236           | 35,387,328           | 66092          |
| Punjab            | 12,553,073         | 12,530,737         | 7             | 7          | 5,888,323          | 5,860,493          | 4,072,133         | 4,052,811         |                |                | 11,386,214         | 11,371,007         | 33,899,750           | 33,815,055           | -84695         |
| Rajasthan         | 23,414,504         | 23,418,747         | 51            | 50         | 8,984,641          | 8,886,044          | 5,617,556         | 5,624,794         |                |                | 26,815,995         | 26,733,882         | 64,832,747           | 64,663,517           | -169230        |
| Tamil Nadu        | 30,506,366         | 30,671,841         | 0             | 0          | 14,524,173         | 14,502,108         | 7,763,268         | 7,786,672         |                |                | 24,728,678         | 24,574,594         | 77,522,485           | 77,535,215           | 12730          |
| U.P.(E)           | 36,142,330         | 36,081,574         | 0             | 0          | 16,002,747         | 15,968,617         | 8,063,891         | 8,069,909         |                |                | 42,620,661         | 42,684,115         | 102,829,629          | 102,804,215          | -25414         |
| U.P.(W)           | 18,790,030         | 18,821,303         | 0             | 0          | 14,239,513         | 14,162,137         | 4,975,788         | 4,973,433         |                |                | 24,890,351         | 24,897,176         | 62,895,682           | 62,854,049           | -41633         |
| West Bengal       | 18,490,543         | 18,449,535         | 9             | 9          | 11,473,984         | 11,416,726         | 2,601,347         | 2,583,586         |                |                | 24,886,458         | 25,034,395         | 57,452,341           | 57,484,251           | 31910          |
| <b>Total</b>      | <b>391,013,798</b> | <b>391,478,235</b> | <b>529</b>    | <b>533</b> | <b>204,219,194</b> | <b>203,859,995</b> | <b>90,464,244</b> | <b>90,363,537</b> | <b>307,092</b> | <b>304,620</b> | <b>477,021,536</b> | <b>477,504,490</b> | <b>1,163,026,393</b> | <b>1,163,511,410</b> | <b>485,017</b> |
| Net Addition      |                    | <b>464,437</b>     |               | <b>4</b>   |                    | <b>-359199</b>     |                   | <b>-100707</b>    |                | <b>-2472</b>   |                    | <b>482,954</b>     |                      | <b>485,017</b>       |                |
| Rural Subscribers | 191,682,273        | 190,175,702        | -             | -          | 97,129,207         | 96,909,558         | 29,822,407        | 29,804,657        | 3,652          | 3,642          | 211,246,667        | 210,598,659        | 529,884,206          | 527,492,218          | -2391988       |

**Proportion of VLR on the date of Peak VLR in the month of July-25 (%)      Annexure-III**

| <b>Circle</b>           | <b>Bharti</b> | <b>BSNL</b>  | <b>Vodafone Idea</b> | <b>M TNL</b>  | <b>Reliance Com.</b> | <b>Reliance Jio</b> | <b>Total</b>  |
|-------------------------|---------------|--------------|----------------------|---------------|----------------------|---------------------|---------------|
| <b>Andhra Pradesh</b>   | 98.01         | 66.09        | 92.54                |               | -                    | 95.33               | <b>93.67</b>  |
| <b>Assam</b>            | 99.12         | 24.99        | 89.62                |               | -                    | 97.88               | <b>89.96</b>  |
| <b>Bihar</b>            | 90.18         | 36.63        | 82.40                |               | -                    | 95.65               | <b>88.82</b>  |
| <b>Delhi</b>            | 95.50         |              | 52.71                | 163.23        | 100.00               | 100.01              | <b>84.59</b>  |
| <b>Gujarat</b>          | 113.85        | 50.72        | 89.23                |               | 0.00                 | 101.00              | <b>97.52</b>  |
| <b>Haryana</b>          | 101.96        | 33.86        | 91.60                |               | -                    | 101.20              | <b>88.12</b>  |
| <b>Himachal Pradesh</b> | 95.41         | 52.61        | 98.80                |               | -                    | 101.00              | <b>89.50</b>  |
| <b>J &amp; K</b>        | 91.58         | 61.78        | 81.43                |               | -                    | 80.18               | <b>84.69</b>  |
| <b>Karnataka</b>        | 98.48         | 70.37        | 73.31                |               | 100.00               | 96.65               | <b>93.46</b>  |
| <b>Kerala</b>           | 99.95         | 114.22       | 93.45                |               | -                    | 92.70               | <b>99.07</b>  |
| <b>Kolkata</b>          | 100.84        | 98.04        | 87.02                |               | -                    | 99.06               | <b>96.84</b>  |
| <b>Madhya Pradesh</b>   | 98.13         | 45.53        | 85.66                |               | -                    | 97.01               | <b>92.22</b>  |
| <b>Maharashtra</b>      | 108.88        | 98.81        | 92.76                |               | -                    | 106.92              | <b>103.79</b> |
| <b>Mumbai</b>           | 94.03         |              | 70.99                | 73.25         | 100.00               | 89.65               | <b>85.00</b>  |
| <b>North East</b>       | 102.04        | 53.59        | 95.72                |               | -                    | 106.40              | <b>98.38</b>  |
| <b>Odisha</b>           | 101.71        | 45.15        | 88.05                |               | -                    | 95.97               | <b>89.65</b>  |
| <b>Punjab</b>           | 111.98        | 51.23        | 90.83                |               | 100.00               | 103.30              | <b>98.11</b>  |
| <b>Rajasthan</b>        | 99.12         | 42.57        | 88.60                |               | 100.00               | 99.87               | <b>93.06</b>  |
| <b>Tamil Nadu</b>       | 97.59         | 91.81        | 79.99                |               | -                    | 98.42               | <b>93.98</b>  |
| <b>U.P. (E)</b>         | 98.83         | 35.07        | 88.09                |               | -                    | 95.50               | <b>90.78</b>  |
| <b>U.P. (W)</b>         | 107.71        | 45.49        | 88.31                |               | -                    | 94.80               | <b>93.30</b>  |
| <b>West Bengal</b>      | 95.75         | 80.85        | 87.57                |               | 100.00               | 93.04               | <b>92.27</b>  |
| <b>Total</b>            | <b>99.32</b>  | <b>61.82</b> | <b>84.18</b>         | <b>124.73</b> | <b>100.00</b>        | <b>97.69</b>        | <b>93.09</b>  |

**Note:** Peak VLR figures in some circles of some of the service providers are more than their HLR figures due to a large number of inroamers.

## 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 service provider. 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 service provider. 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 HLR and sum of other figures as given below: -

|          |                                                         |
|----------|---------------------------------------------------------|
| <b>1</b> | <b>Total IMSI's in HLR (A)</b>                          |
| <b>2</b> | <b>Less: (B = a + b + c + d + e)</b>                    |
| a.       | Test/Service Cards                                      |
| b.       | Employees                                               |
| c.       | Stock in hand/in Distribution Channels<br>(Active Card) |
| d.       | Subscriber Retention period expired                     |
| e.       | Service suspended pending disconnection                 |
| <b>3</b> | <b>Subscribers Base (A-B)</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 based on HLR and numbers available in VLR.

The VLR subscriber data calculated here is based on active subscribers in VLR on the date of Peak subscriber number in 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.

**5G FWA Subscriber Base**

**Annexure-V**

| Service Area             | Bharti Airtel  |                  | Reliance Jio     |                  | Total            |                  |
|--------------------------|----------------|------------------|------------------|------------------|------------------|------------------|
|                          | June-25        | July-25          | June-25          | July-25          | June-25          | July-25          |
| Andhra Pradesh           | 160,196        | 177,752          | 519,748          | 547,960          | <b>679,944</b>   | <b>725,712</b>   |
| Assam                    | 32,479         | 36,911           | 133,279          | 143,848          | <b>165,758</b>   | <b>180,759</b>   |
| Bihar                    | 62,788         | 74,641           | 457,742          | 490,871          | <b>520,530</b>   | <b>565,512</b>   |
| Delhi                    | 98,206         | 106,193          | 229,160          | 229,078          | <b>327,366</b>   | <b>335,271</b>   |
| Gujarat                  | 98,812         | 111,916          | 361,087          | 375,537          | <b>459,899</b>   | <b>487,453</b>   |
| Haryana                  | 48,785         | 54,399           | 178,600          | 186,951          | <b>227,385</b>   | <b>241,350</b>   |
| Himachal Pradesh         | 7,973          | 8,825            | 54,009           | 58,402           | <b>61,982</b>    | <b>67,227</b>    |
| J & K                    | 28,965         | 32,137           | 134,302          | 144,039          | <b>163,267</b>   | <b>176,176</b>   |
| Karnataka                | 156,473        | 174,477          | 339,981          | 351,817          | <b>496,454</b>   | <b>526,294</b>   |
| Kerala                   | 31,369         | 35,550           | 122,507          | 131,059          | <b>153,876</b>   | <b>166,609</b>   |
| Kolkata                  | 58,817         | 63,435           | 154,020          | 154,978          | <b>212,837</b>   | <b>218,413</b>   |
| Madhya Pradesh           | 74,761         | 84,597           | 399,472          | 426,614          | <b>474,233</b>   | <b>511,211</b>   |
| Maharashtra              | 151,178        | 170,668          | 488,961          | 512,281          | <b>640,139</b>   | <b>682,949</b>   |
| Mumbai                   | 63,699         | 70,080           | 90,579           | 93,080           | <b>154,278</b>   | <b>163,160</b>   |
| North East               | 16,360         | 19,321           | 65,196           | 69,391           | <b>81,556</b>    | <b>88,712</b>    |
| Odisha                   | 38,310         | 43,173           | 194,657          | 211,432          | <b>232,967</b>   | <b>254,605</b>   |
| Punjab                   | 82,105         | 91,332           | 388,217          | 404,730          | <b>470,322</b>   | <b>496,062</b>   |
| Rajasthan                | 104,255        | 116,617          | 341,989          | 363,258          | <b>446,244</b>   | <b>479,875</b>   |
| Tamil Nadu               | 217,160        | 242,085          | 306,004          | 316,468          | <b>523,164</b>   | <b>558,553</b>   |
| U.P.(E)                  | 93,481         | 105,951          | 489,328          | 520,021          | <b>582,809</b>   | <b>625,972</b>   |
| U.P.(W)                  | 73,572         | 84,647           | 387,945          | 411,662          | <b>461,517</b>   | <b>496,309</b>   |
| West Bengal              | 42,467         | 48,576           | 271,357          | 302,452          | <b>313,824</b>   | <b>351,028</b>   |
| <b>Total</b>             | <b>1742211</b> | <b>1,953,283</b> | <b>6,108,140</b> | <b>6,445,929</b> | <b>7,850,351</b> | <b>8,399,212</b> |
| <b>Net Addition</b>      |                | <b>211072</b>    |                  | <b>337789</b>    |                  | <b>548861</b>    |
| <b>Monthly Growth%</b>   |                | <b>12.12%</b>    |                  | <b>5.53%</b>     |                  | <b>6.99%</b>     |
| <b>Rural Subscribers</b> |                |                  | <b>3,118,616</b> | <b>3,383,641</b> | <b>3118616</b>   | <b>3,383,641</b> |