





# Monthly Telecom Scenario

January'19



STT Section  
Department of  
Telecommunications  
Government of India



## Overview

The following table gives a summary of the sector's performance vis-à-vis last month:

| Parameter                            | Unit           | January'19     | December'18    |
|--------------------------------------|----------------|----------------|----------------|
| <b>Total Phones</b>                  |                | <b>1203.91</b> | <b>1197.89</b> |
| Wireline                             | <b>million</b> | 21.79          | 21.87          |
| Wireless                             |                | 1182.12        | 1176.02        |
| Rural                                |                | 530.83         | 531.38         |
| Urban                                |                | 673.08         | 666.51         |
| Public                               |                | 133.58         | 132.58         |
| Private                              |                | 1070.33        | 1065.31        |
| Wireline %age to Total Phones        |                | <b>%age</b>    | 1.81           |
| Wireless %age to Total Phones        | 98.19          |                | 98.17          |
| Rural %age to Total Phones           | 44.09          |                | 44.36          |
| Urban %age to Total Phones           | 55.91          |                | 55.64          |
| Public %age to Total Phones          | 11.10          |                | 11.07          |
| Private %age to Total Phones         | 88.90          |                | 88.93          |
| <b>Overall Teledensity</b>           |                | <b>91.83</b>   | <b>91.45</b>   |
| Wireline Teledensity                 | <b>%age</b>    | 1.66           | 1.67           |
| Wireless Teledensity                 |                | 90.17          | 89.78          |
| Rural Teledensity                    |                | 59.43          | 59.53          |
| Urban Teledensity                    |                | 161.08         | 159.75         |
| Public                               |                | 10.19          | 10.12          |
| Private                              |                | 81.64          | 81.33          |
| <b>Teledensity: Top five Circles</b> |                |                |                |
| Himachal Pradesh                     | <b>%age</b>    | 147.06         | 146.47         |
| Punjab                               |                | 126.00         | 125.98         |
| Kerala                               |                | 125.96         | 125.52         |
| Tamil Nadu                           |                | 117.24         | 117.73         |
| Karnataka                            |                | 111.10         | 110.87         |
| <b>Teledensity: Metros</b>           |                |                |                |
| Delhi                                | <b>%age</b>    | 237.56         | 235.65         |
| Kolkata                              |                | 171.59         | 170.48         |
| Mumbai                               |                | 165.22         | 164.96         |
| <b>Broadband</b>                     | <b>million</b> | <b>540.04</b>  | <b>518.55</b>  |



At the end of January'19, the total number of telephones was 1203.91 million, compared to 1197.89 million by the end of December'18, an increase of 6.02 million. Maximum rise in total telephone connections was recorded in Andhra Pradesh (645352) followed by Uttar Pradesh – (East) (636748) and Bihar (518295). Delhi, Mumbai and Kolkata recorded an increase in telephone connections over previous month, with an increase of 569151, 128906 & 203529 respectively. However, Tamil Nadu and Uttar Pradesh – (West) recorded a decline of 316056 and 52707 respectively.

### Telephones: Service area-wise

| Service Area           | March'18          | April'18          | May'18            | June'18           | July'18           | August'18         | September'18      | October'18        | November'18       | December'18       | January'19        |
|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| ANDHRA PRADESH         | 87241623          | 87972697          | 86041407          | 87132426          | 87447489          | 88039871          | 87893349          | 88190844          | 88258159          | 88643813          | 89289165          |
| ASSAM                  | 25516825          | 25946488          | 20735274          | 21167817          | 21533213          | 21693336          | 21743191          | 21792126          | 21825710          | 21863058          | 22329081          |
| BIHAR                  | 88930443          | 89782944          | 83006614          | 84856104          | 86757474          | 87783481          | 87767392          | 87695035          | 87807793          | 88320985          | 88839280          |
| GUJARAT                | 73195847          | 73254343          | 72021557          | 72044369          | 71582535          | 71852115          | 71525637          | 71237826          | 71596576          | 71872209          | 72266176          |
| HARYANA                | 23885096          | 26891430          | 26967918          | 27419180          | 27761277          | 28022120          | 27826181          | 27751096          | 27819701          | 27961623          | 28137960          |
| HIMACHAL PRADESH       | 12578747          | 9914485           | 10038773          | 10209877          | 10377745          | 10465805          | 10498584          | 10526718          | 10571383          | 10619436          | 10668870          |
| JAMMU & KASHMIR        | 13839800          | 14241662          | 10890338          | 11163003          | 11547024          | 11374579          | 11436226          | 11515318          | 11560789          | 11611239          | 11641099          |
| KARNATAKA              | 69221205          | 69914000          | 67903992          | 68878202          | 69925268          | 70381285          | 70519039          | 70703377          | 70721670          | 70791006          | 70988285          |
| KERALA                 | 43975326          | 44346323          | 44340211          | 44945671          | 44974167          | 45185874          | 45282718          | 45356819          | 45392517          | 45556320          | 45735506          |
| MADHYA PRADESH         | 71471417          | 72568344          | 73128238          | 74595496          | 75958226          | 76919477          | 77537006          | 91952064          | 77599279          | 77829904          | 78271677          |
| MAHARASHTRA            | 96334317          | 96505211          | 95142369          | 95877056          | 96056771          | 96509279          | 96101098          | 81481055          | 95902810          | 96489235          | 97007419          |
| NORTH-EAST             | 13974925          | 14516831          | 11461081          | 11685884          | 11875670          | 11973597          | 11883974          | 11902920          | 11977678          | 11869179          | 12190704          |
| ORISSA                 | 34649966          | 35151325          | 31688695          | 32217720          | 33145196          | 33417343          | 33374266          | 33310487          | 33335445          | 33372711          | 33530548          |
| PUNJAB                 | 39002089          | 39299898          | 38811481          | 39322840          | 39884712          | 40027400          | 39908346          | 40040440          | 40110353          | 40112092          | 40155652          |
| RAJASTHAN              | 65840348          | 66706229          | 61603897          | 62591756          | 63605758          | 64150970          | 66436702          | 66410322          | 66637945          | 66937183          | 67323197          |
| TAMIL NADU             | 98012845          | 100432426         | 82100944          | 83511141          | 83249996          | 83826747          | 84427883          | 84611490          | 84802996          | 84943307          | 84627251          |
| UTTAR PRADESH - [East] | 104613364         | 105889423         | 100258186         | 101752705         | 101691377         | 102499940         | 102407609         | 107086956         | 102005557         | 102240828         | 102877576         |
| UTTAR PRADESH - [West] | 63791171          | 64638595          | 64333647          | 63893659          | 64934694          | 65140662          | 64854354          | 59754293          | 64830263          | 65061895          | 65009188          |
| WEST BENGAL            | 59153123          | 60267730          | 56556782          | 57665459          | 58835060          | 58899028          | 58695870          | 58628528          | 58685272          | 59096659          | 59424039          |
| KOLKATA                | 29606310          | 30322376          | 26468509          | 26888086          | 27177176          | 27449773          | 27572300          | 27658584          | 27707556          | 27791102          | 27994631          |
| DELHI                  | 57453739          | 58314198          | 52136504          | 52807164          | 53153069          | 53654906          | 53799999          | 54194146          | 54261547          | 54333749          | 54902900          |
| MUMBAI                 | 39507941          | 39988041          | 37900004          | 38382354          | 37964098          | 39899952          | 40123217          | 40329787          | 40374140          | 40572528          | 40701434          |
| <b>TOTAL</b>           | <b>1211796467</b> | <b>1226864999</b> | <b>1153536421</b> | <b>1169007969</b> | <b>1179437995</b> | <b>1189167540</b> | <b>1191614941</b> | <b>1192130231</b> | <b>1193785139</b> | <b>1197890061</b> | <b>1203911638</b> |

1 Source: BSNL/MTNL/COAI

Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.55%) followed by Maharashtra (8.06%), Andhra Pradesh (7.42%), Bihar (7.38%) and Tamil Nadu (7.03%). These five Service areas taken together accounted for 38.43% of total telephone connections in India.

| <b>Telephones during the month of January'19</b> |                 |                   |                     |                                |
|--|-----------------|-------------------|---------------------|--------------------------------|
| <b>Service Area</b>                              | <b>Wireline</b> | <b>Wireless</b>   | <b>Total Phones</b> | <b>%age Share Total Phones</b> |
| <b>ANDHRA PRADESH</b>                            | 1423598         | 87865567          | <b>89289165</b>     | <b>7.42</b>                    |
| <b>ASSAM</b>                                     | 117350          | 22211731          | <b>22329081</b>     | <b>1.85</b>                    |
| <b>BIHAR</b>                                     | 233409          | 88605871          | <b>88839280</b>     | <b>7.38</b>                    |
| <b>GUJARAT</b>                                   | 1220010         | 71046166          | <b>72266176</b>     | <b>6.00</b>                    |
| <b>HARYANA</b>                                   | 274696          | 27863264          | <b>28137960</b>     | <b>2.34</b>                    |
| <b>HIMACHAL PRADESH</b>                          | 116304          | 10552566          | <b>10668870</b>     | <b>0.89</b>                    |
| <b>JAMMU &amp; KASHMIR</b>                       | 102887          | 11538212          | <b>11641099</b>     | <b>0.97</b>                    |
| <b>KARNATAKA</b>                                 | 2169771         | 68818514          | <b>70988285</b>     | <b>5.90</b>                    |
| <b>KERALA</b>                                    | 1901523         | 43833983          | <b>45735506</b>     | <b>3.80</b>                    |
| <b>MADHYA PRADESH</b>                            | 924475          | 77347202          | <b>78271677</b>     | <b>6.50</b>                    |
| <b>MAHARASHTRA</b>                               | 1549329         | 95458090          | <b>97007419</b>     | <b>8.06</b>                    |
| <b>NORTH-EAST</b>                                | 104486          | 12086218          | <b>12190704</b>     | <b>1.01</b>                    |
| <b>ORISSA</b>                                    | 236928          | 33293620          | <b>33530548</b>     | <b>2.79</b>                    |
| <b>PUNJAB</b>                                    | 787097          | 39368555          | <b>40155652</b>     | <b>3.34</b>                    |
| <b>RAJASTHAN</b>                                 | 540409          | 66782788          | <b>67323197</b>     | <b>5.59</b>                    |
| <b>TAMIL NADU</b>                                | 2218363         | 82408888          | <b>84627251</b>     | <b>7.03</b>                    |
| <b>UTTAR PRADESH - [East]</b>                    | 451891          | 102425685         | <b>102877576</b>    | <b>8.55</b>                    |
| <b>UTTAR PRADESH - [West]</b>                    | 305671          | 64703517          | <b>65009188</b>     | <b>5.40</b>                    |
| <b>WEST BENGAL</b>                               | 243458          | 59180581          | <b>59424039</b>     | <b>4.94</b>                    |
| <b>KOLKATA</b>                                   | 724797          | 27269834          | <b>27994631</b>     | <b>2.33</b>                    |
| <b>DELHI</b>                                     | 3213732         | 51689168          | <b>54902900</b>     | <b>4.56</b>                    |
| <b>MUMBAI</b>                                    | 2933384         | 37768050          | <b>40701434</b>     | <b>3.38</b>                    |
| <b>TOTAL</b>                                     | <b>21793568</b> | <b>1182118070</b> | <b>1203911638</b>   | <b>100.00</b>                  |

1 Source: BSNL/MTNL/COAI



The overall tele-density at the end of January'19 was 91.83%. Among the Service areas, Himachal Pradesh (147.06%) had the highest tele-density followed by Punjab (126.00%), Kerala (125.96%), Tamil Nadu (117.24%) and Karnataka (111.10%). Among the three metros, Delhi Service Area topped in tele-density with 237.56%, followed by Kolkata (171.59%) and Mumbai (165.22%).

### Tele-density: Service area-wise (in %age)

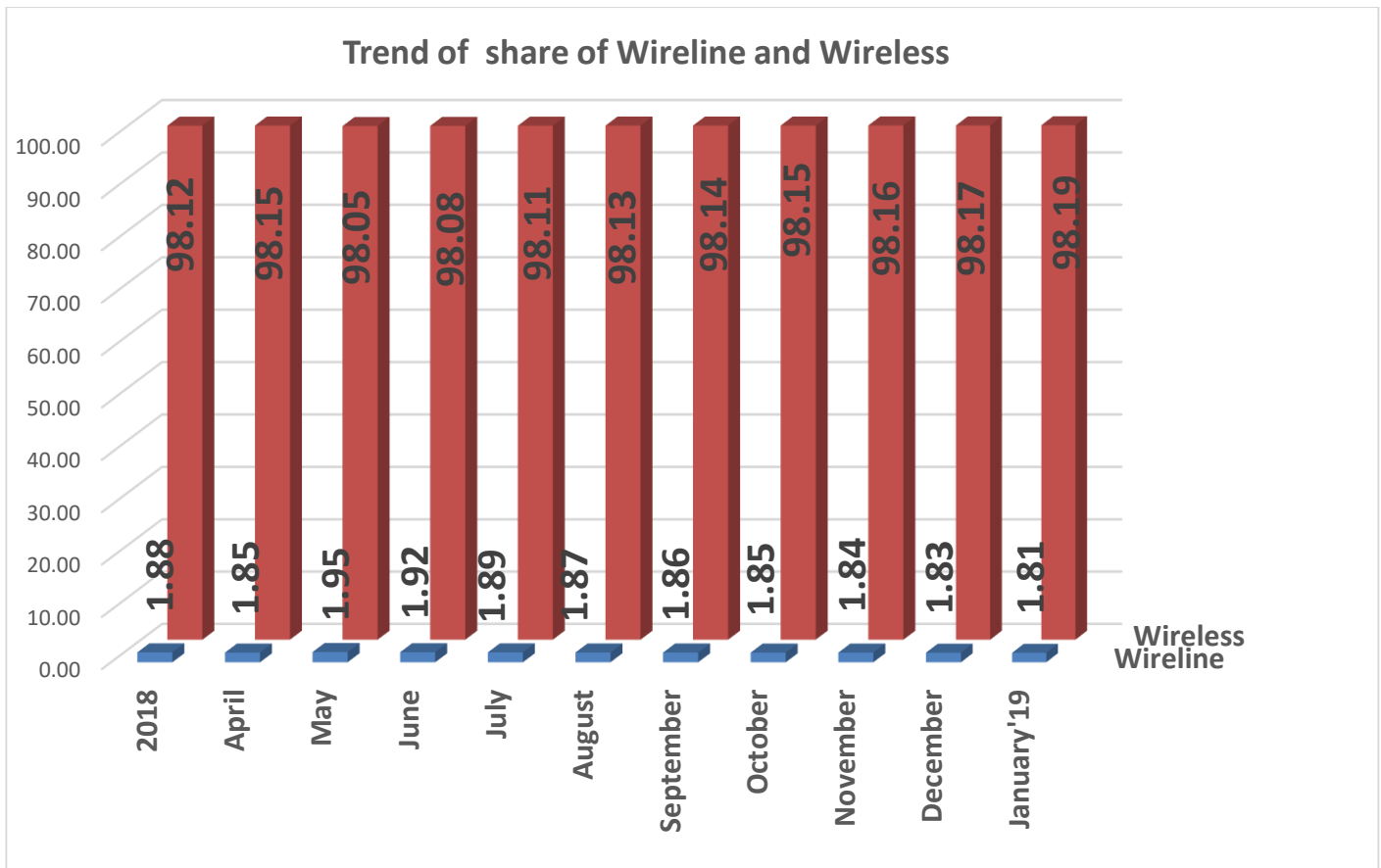
| Service Area           | March'18 | April'18 | May'18 | June'18 | July'18 | August'18 | September'18 | October'18 | November'18 | December'18 | January'19 |
|------------------------|----------|----------|--------|---------|---------|-----------|--------------|------------|-------------|-------------|------------|
| ANDHRA PRADESH         | 97.21    | 97.97    | 95.76  | 96.92   | 97.21   | 97.81     | 97.59        | 97.86      | 97.88       | 98.25       | 98.91      |
| ASSAM                  | 76.87    | 78.10    | 62.35  | 63.60   | 64.64   | 65.07     | 65.16        | 65.25      | 65.29       | 65.34       | 66.68      |
| BIHAR                  | 63.16    | 63.71    | 58.85  | 60.11   | 61.40   | 62.07     | 62.00        | 61.90      | 61.92       | 62.23       | 62.54      |
| GUJARAT                | 112.45   | 112.44   | 110.45 | 110.39  | 109.58  | 109.89    | 109.30       | 108.76     | 109.21      | 109.53      | 110.04     |
| HARYANA                | 84.44    | 94.97    | 95.13  | 96.62   | 97.71   | 98.52     | 97.72        | 97.36      | 97.49       | 97.88       | 98.38      |
| HIMACHAL PRADESH       | 174.46   | 137.41   | 139.06 | 141.33  | 143.58  | 144.70    | 145.07       | 145.38     | 145.89      | 146.47      | 147.06     |
| JAMMU & KASHMIR        | 109.19   | 112.28   | 85.79  | 87.88   | 90.83   | 89.40     | 89.82        | 90.37      | 90.67       | 90.99       | 91.16      |
| KARNATAKA              | 109.05   | 110.07   | 106.83 | 108.30  | 109.87  | 110.51    | 110.66       | 110.87     | 110.83      | 110.87      | 111.10     |
| KERALA                 | 121.61   | 122.59   | 122.52 | 124.14  | 124.17  | 124.70    | 124.92       | 125.07     | 125.12      | 125.52      | 125.96     |
| MADHYA PRADESH         | 67.02    | 67.98    | 68.43  | 69.73   | 70.93   | 71.75     | 72.25        | 85.59      | 72.16       | 72.29       | 72.63      |
| MAHARASHTRA            | 95.50    | 95.59    | 94.16  | 94.82   | 94.92   | 95.29     | 94.81        | 80.32      | 94.46       | 94.96       | 95.40      |
| NORTH-EAST             | 98.06    | 101.77   | 80.28  | 81.79   | 83.05   | 83.66     | 82.97        | 83.03      | 83.49       | 82.66       | 84.83      |
| ORISSA                 | 80.28    | 81.40    | 73.33  | 74.51   | 76.61   | 77.19     | 77.04        | 76.85      | 76.86       | 76.90       | 77.22      |
| PUNJAB                 | 123.45   | 124.28   | 122.63 | 124.14  | 125.80  | 126.15    | 125.66       | 125.97     | 126.08      | 125.98      | 126.00     |
| RAJASTHAN              | 87.83    | 88.89    | 82.01  | 83.23   | 84.50   | 85.13     | 88.07        | 87.95      | 88.15       | 88.46       | 88.88      |
| TAMIL NADU             | 136.36   | 139.67   | 114.13 | 116.04  | 115.63  | 116.38    | 117.16       | 117.37     | 117.59      | 117.73      | 117.24     |
| UTTAR PRADESH - [East] |          |          |        |         |         |           |              |            |             | 70.12       |            |
| UTTAR PRADESH - [West] | 71.36    | 72.17    | 69.57  | 69.93   | 70.26   | 70.60     | 70.36        | 70.10      | 70.01       |             | 70.28      |
| WEST BENGAL            | 73.73    | 75.07    | 70.40  | 71.74   | 73.14   | 73.18     | 72.88        | 72.75      | 72.77       | 73.23       | 73.59      |
| KOLKATA                | 182.97   | 187.23   | 163.31 | 165.76  | 167.40  | 168.94    | 169.55       | 169.95     | 170.10      | 170.48      | 171.59     |
| DELHI                  | 254.49   | 257.69   | 229.85 | 232.25  | 233.23  | 234.88    | 234.97       | 236.14     | 235.88      | 235.65      | 237.56     |
| MUMBAI                 | 163.01   | 164.72   | 155.86 | 157.58  | 155.62  | 163.28    | 163.93       | 164.50     | 164.42      | 164.96      | 165.22     |
| TOTAL                  | 93.27    | 94.34    | 88.62  | 89.73   | 90.45   | 91.11     | 91.22        | 91.18      | 91.22       | 91.45       | 91.83      |

1. Source: BSNL/MTNL/COAI and O/o Registrar General

2. No separate population data is available for UP(W); so UP(E) and UP(W) have been clubbed together to show the figures for UP.



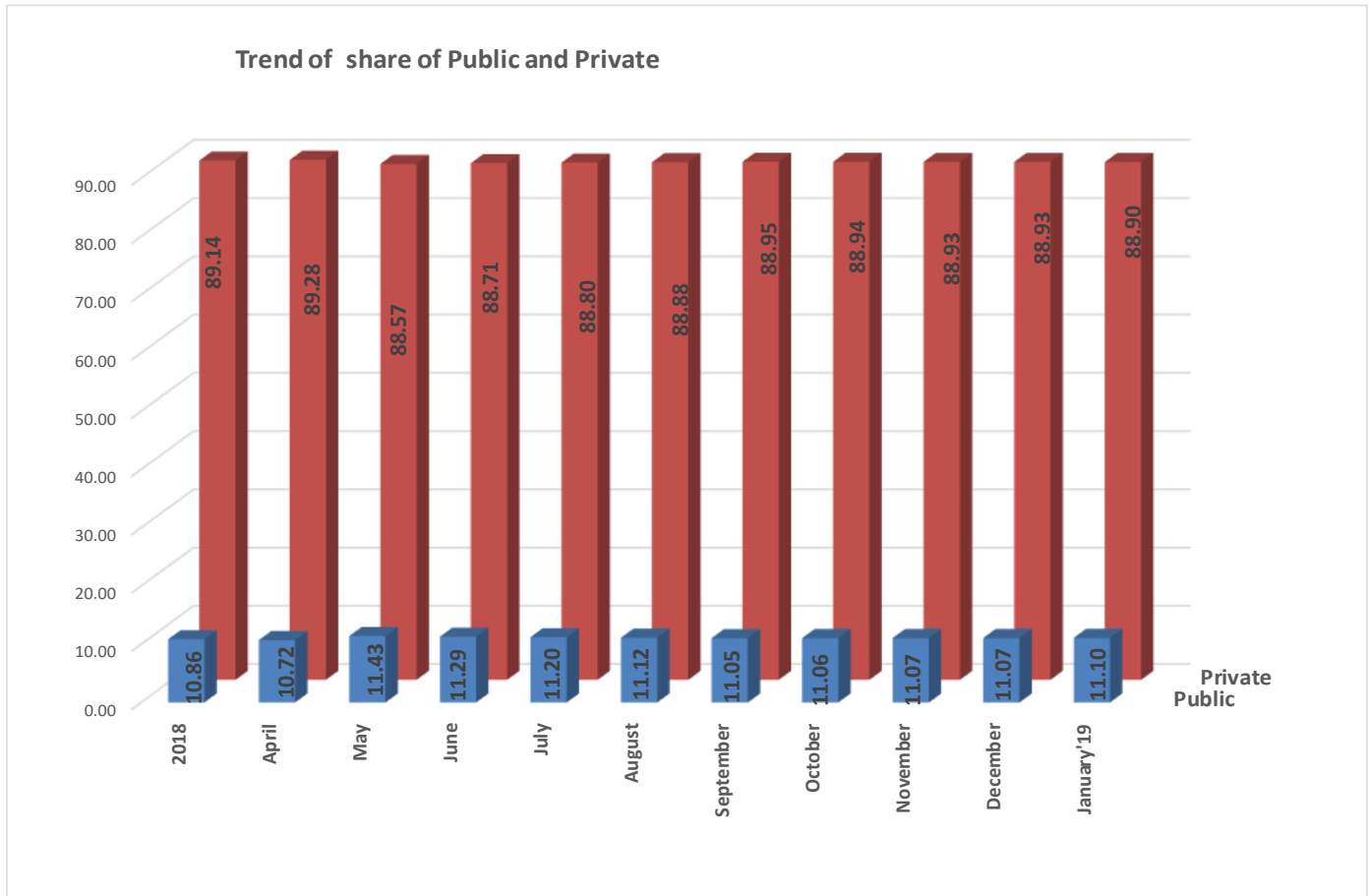
☞ The share of wireless segment in total connections stood at 98.19% by the end of January'19. The share of wireline telephones stood at 1.81%.



**Telephones: Wireline vs Wireless**

| Year ending 31st March | Telephones |            |                   | Additions | Share% age |          | % age Growth |          |             |
|------------------------|------------|------------|-------------------|-----------|------------|----------|--------------|----------|-------------|
|                        | Wireline   | Wireless   | Total             |           | Wireline   | Wireless | Wireline     | Wireless | Overall     |
| <b>2018</b>            | 22810716   | 1188985751 | <b>1211796467</b> | 16808407  | 1.88       | 98.12    | -6.52        | 1.57     | <b>1.41</b> |
| <b>2018-19</b>         |            |            |                   |           |            |          |              |          |             |
| <b>April</b>           | 22641689   | 1204223310 | <b>1226864999</b> | 15068532  | 1.85       | 98.15    | -0.74        | 1.28     | 1.24        |
| <b>May</b>             | 22508336   | 1131028085 | <b>1153536421</b> | -73328578 | 1.95       | 98.05    | -0.59        | -6.08    | -5.98       |
| <b>June</b>            | 22395303   | 1146612666 | <b>1169007969</b> | 15471548  | 1.92       | 98.08    | -0.50        | 1.38     | 1.34        |
| <b>July</b>            | 22272252   | 1157165743 | <b>1179437995</b> | 10430026  | 1.89       | 98.11    | -0.55        | 0.92     | 0.89        |
| <b>August</b>          | 22187370   | 1166980170 | <b>1189167540</b> | 9729545   | 1.87       | 98.13    | -0.38        | 0.85     | 0.82        |
| <b>September</b>       | 22112755   | 1169502186 | <b>1191614941</b> | 2447401   | 1.86       | 98.14    | -0.34        | 0.22     | 0.21        |
| <b>October</b>         | 22023494   | 1170106737 | <b>1192130231</b> | 515290    | 1.85       | 98.15    | -0.40        | 0.05     | 0.04        |
| <b>November</b>        | 21961248   | 1171823891 | <b>1193785139</b> | 1654908   | 1.84       | 98.16    | -0.28        | 0.15     | 0.14        |
| <b>December</b>        | 21868192   | 1176021869 | <b>1197890061</b> | 4104922   | 1.83       | 98.17    | -0.42        | 0.36     | 0.34        |
| <b>January'19</b>      | 21793568   | 1182118070 | <b>1203911638</b> | 6021577   | 1.81       | 98.19    | -0.34        | 0.52     | 0.50        |

☞ In January'19, share of public sector in total telephones was 11.10%, as against 88.90% share of the private sector. In December'18, it was 11.07% and 88.93% respectively.

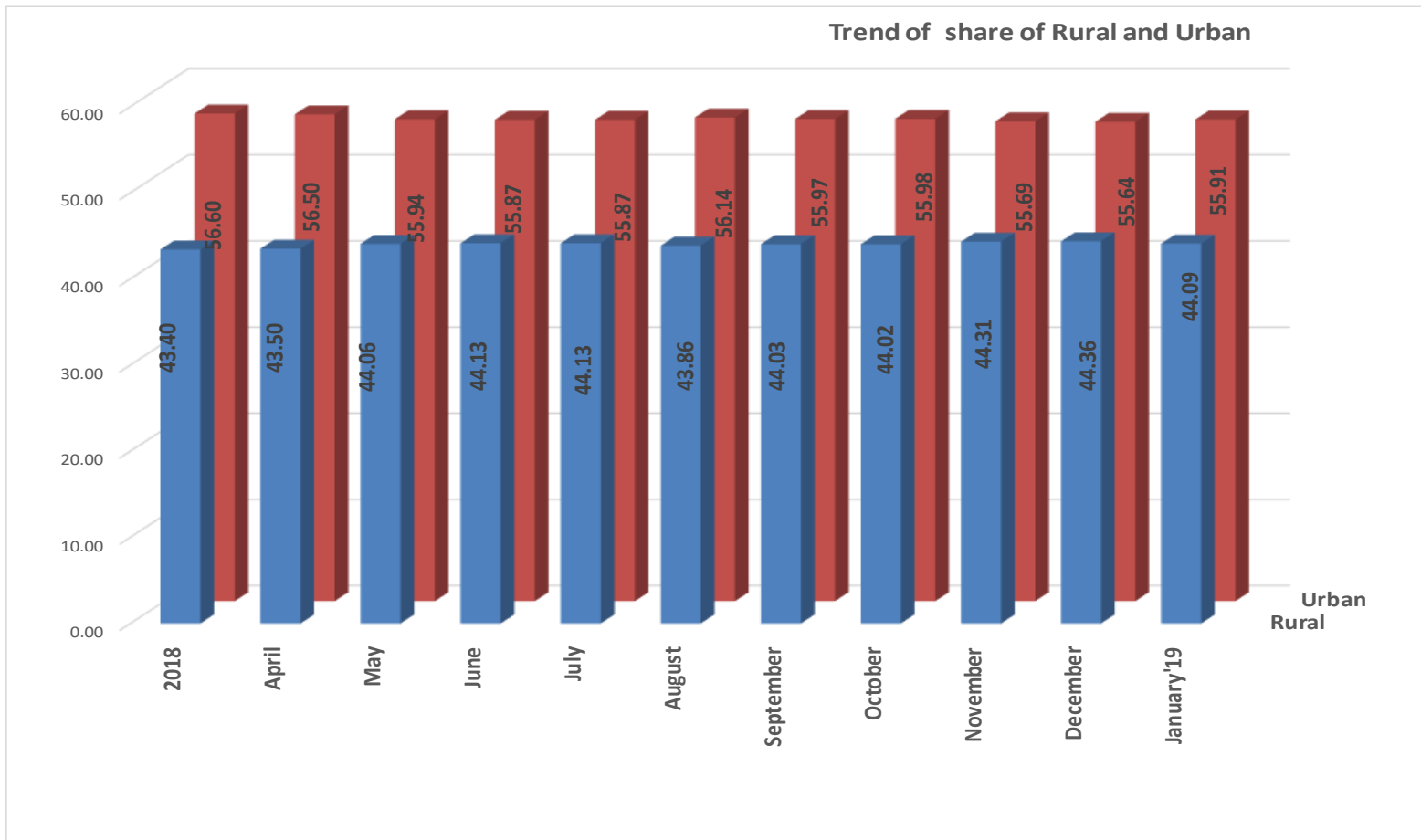


### Telephones: Public vs. Private

| Year ending<br>31st March | Telephones |            |                   | Additions |           | Share% age |         | % age Growth |         |
|---------------------------|------------|------------|-------------------|-----------|-----------|------------|---------|--------------|---------|
|                           | Public     | Private    | Total             | Public    | Private   | Public     | Private | Public       | Private |
| <b>2018</b>               | 131655262  | 1080141205 | <b>1211796467</b> | 9477923   | 7330484   | 10.86      | 89.14   | 7.76         | 0.68    |
| <b>2018-19</b>            |            |            |                   |           |           |            |         |              |         |
| <b>April</b>              | 131495571  | 1095369428 | <b>1226864999</b> | -159691   | 15228223  | 10.72      | 89.28   | -0.12        | 1.41    |
| <b>May</b>                | 131853133  | 1021683288 | <b>1153536421</b> | 357562    | -73686140 | 11.43      | 88.57   | 0.27         | -6.73   |
| <b>June</b>               | 131962915  | 1037045054 | <b>1169007969</b> | 109782    | 15361766  | 11.29      | 88.71   | 0.08         | 1.50    |
| <b>July</b>               | 132071285  | 1047366710 | <b>1179437995</b> | 108370    | 10321656  | 11.20      | 88.80   | 0.08         | 1.00    |
| <b>August</b>             | 132181397  | 1056986143 | <b>1189167540</b> | 110112    | 9619433   | 11.12      | 88.88   | 0.08         | 0.92    |
| <b>September</b>          | 131681745  | 1059933196 | <b>1191614941</b> | -499652   | 2947053   | 11.05      | 88.95   | -0.38        | 0.28    |
| <b>October</b>            | 131846541  | 1060283690 | <b>1192130231</b> | 164796    | 350494    | 11.06      | 88.94   | 0.13         | 0.03    |
| <b>November</b>           | 132137473  | 1061647666 | <b>1193785139</b> | 290932    | 1363976   | 11.07      | 88.93   | 0.22         | 0.13    |
| <b>December</b>           | 132575567  | 1065314494 | <b>1197890061</b> | 438094    | 3666828   | 11.07      | 88.93   | 0.33         | 0.35    |
| <b>January'19</b>         | 133581923  | 1070329715 | <b>1203911638</b> | 1006356   | 5015221   | 11.10      | 88.90   | 0.76         | 0.47    |



Share of rural areas in total telephones decreased to 44.09% in January'19 against 44.36% of December'18. The share of urban areas, on the other hand, increased to 55.91% from 55.64% in December'18.



**Telephones: Rural vs. Urban**

| Year ending<br>31st March | Telephones |           |                   | Additions |           | Share% age |       | % age Growth |       |
|---------------------------|------------|-----------|-------------------|-----------|-----------|------------|-------|--------------|-------|
|                           | Rural      | Urban     | Total             | Rural     | Urban     | Rural      | Urban | Rural        | Urban |
| <b>2018</b>               | 525869058  | 685927409 | <b>1211796467</b> | 24062515  | -7254108  | 43.40      | 56.60 | 4.80         | -1.05 |
| <b>2018-19</b>            |            |           |                   |           |           |            |       |              |       |
| <b>April</b>              | 533731736  | 693133263 | <b>1226864999</b> | 7862678   | 7205854   | 43.50      | 56.50 | 1.50         | 1.05  |
| <b>May</b>                | 508300918  | 645235503 | <b>1153536421</b> | -25430818 | -47897760 | 44.06      | 55.94 | -4.76        | -6.91 |
| <b>June</b>               | 515907423  | 653100546 | <b>1169007969</b> | 7606505   | 7865043   | 44.13      | 55.87 | 1.50         | 1.22  |
| <b>July</b>               | 520458580  | 658979415 | <b>1179437995</b> | 4551157   | 5878869   | 44.13      | 55.87 | 0.88         | 0.90  |
| <b>August</b>             | 521532905  | 667634635 | <b>1189167540</b> | 1074325   | 8655220   | 43.86      | 56.14 | 0.21         | 1.31  |
| <b>September</b>          | 524677667  | 666937274 | <b>1191614941</b> | 3144762   | -697361   | 44.03      | 55.97 | 0.60         | -0.10 |
| <b>October</b>            | 524761838  | 667368393 | <b>1192130231</b> | 84171     | 431119    | 44.02      | 55.98 | 0.02         | 0.06  |
| <b>November</b>           | 529009007  | 664776132 | <b>1193785139</b> | 4247169   | -2592261  | 44.31      | 55.69 | 0.81         | -0.39 |
| <b>December</b>           | 531378410  | 666511651 | <b>1197890061</b> | 2369403   | 1735519   | 44.36      | 55.64 | 0.45         | 0.26  |
| <b>January '19</b>        | 530825547  | 673086091 | <b>1203911638</b> | -552863   | 6574440   | 44.09      | 55.91 | -0.10        | 0.99  |

☞ Overall teledensity for the month of January'19 stood at 91.83% as against 91.45% in December'18. The Teledensity for wireless segment was 90.17% whereas that of wireline segment is 1.66%. Teledensity reported in rural areas was 59.43% and that in the urban areas was 161.08%. In Public sector, teledensity was 10.19% and in Private sector, it was 81.64% for the month of January'19.

#### Tele-density

| Year ending<br>31st March | Teledensity (%age) |        |              |          |          |        |         |
|---------------------------|--------------------|--------|--------------|----------|----------|--------|---------|
|                           | Rural              | Urban  | Overall      | Wireline | Wireless | Public | Private |
| <b>2018</b>               | 59.25              | 166.64 | <b>93.27</b> | 1.76     | 91.51    | 10.13  | 83.14   |
| <b>2018-19</b>            |                    |        |              |          |          |        |         |
| <b>April</b>              | 60.09              | 168.14 | <b>94.34</b> | 1.74     | 92.60    | 10.11  | 84.23   |
| <b>May</b>                | 57.19              | 156.28 | <b>88.62</b> | 1.73     | 86.90    | 10.13  | 78.49   |
| <b>June</b>               | 58.01              | 157.95 | <b>89.73</b> | 1.72     | 88.01    | 10.13  | 79.60   |
| <b>July</b>               | 58.49              | 159.13 | <b>90.45</b> | 1.71     | 88.74    | 10.13  | 80.32   |
| <b>August</b>             | 58.57              | 160.98 | <b>91.11</b> | 1.70     | 89.41    | 10.13  | 80.99   |
| <b>September</b>          | 58.89              | 160.57 | <b>91.22</b> | 1.69     | 89.53    | 10.08  | 81.14   |
| <b>October</b>            | 58.86              | 160.43 | <b>91.18</b> | 1.68     | 89.49    | 10.08  | 81.09   |
| <b>November</b>           | 59.30              | 159.57 | <b>91.22</b> | 1.68     | 89.54    | 10.10  | 81.12   |
| <b>December</b>           | 59.53              | 159.75 | <b>91.45</b> | 1.67     | 89.78    | 10.12  | 81.33   |
| <b>January'19</b>         | 59.43              | 161.08 | <b>91.83</b> | 1.66     | 90.17    | 10.19  | 81.64   |

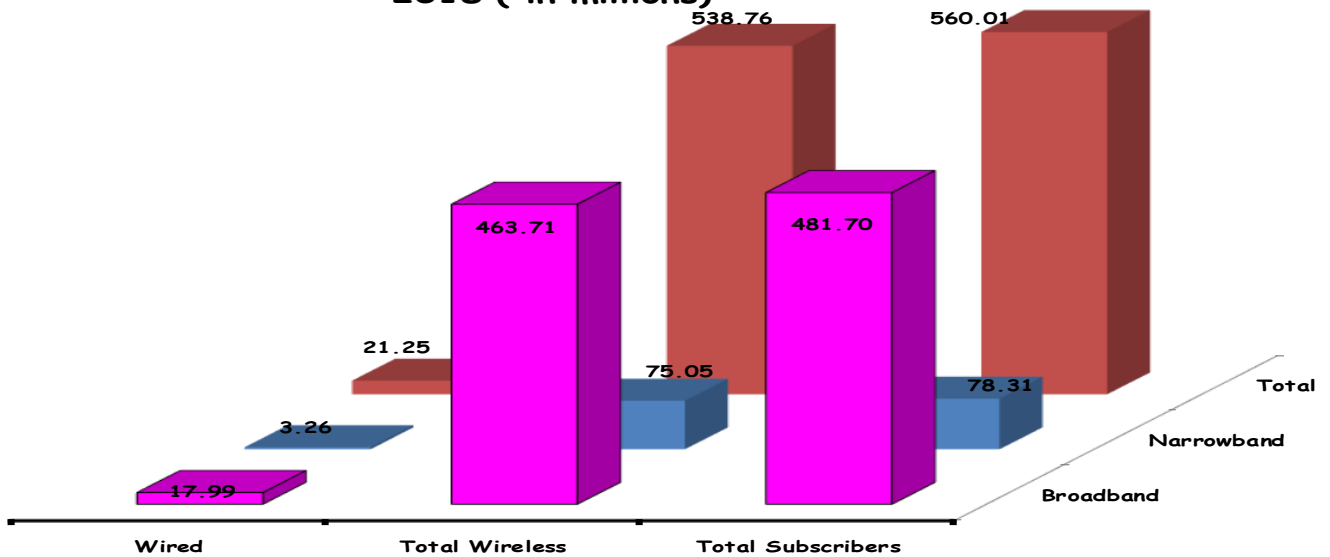
☞ The number of Internet subscribers (both broadband and narrowband put together) which was 429.25 million at the end of September, 2017 increased to 560.01 million by the end of September'18 registering a quarterly growth of 9.32%. The number of subscribers accessing internet via wireless phones was 538.76 million at the end of September'18. The number of wired Internet subscribers was 21.25 million at the end of September'18.

**Trend of Internet Subscribers**

| Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless) | September'17 | December'17 | March'18 | June'18 | September'18 |
|---|--------------|-------------|----------|---------|--------------|
|   | 429.25       | 445.96      | 493.95   | 512.27  | 560.01       |
| Quarterly Growth (in Percentage)  | -0.45        | 3.89        | 10.76    | 3.71    | 9.32         |

| Internet Subscriber Base in India - September'18 * (in million) |              |                |               |
|---|--------------|----------------|---------------|
| Segment   | Wired        | Total Wireless | Total         |
| Broadband   | 17.99        | 463.71         | 481.70        |
| Narrowband  | 3.26         | 75.05          | 78.31         |
| <b>Total</b>  | <b>21.25</b> | <b>538.76</b>  | <b>560.01</b> |
| * As per the TRAI input   |              |                |               |

**Internet Subscribers - September 2018 ( in millions)**



☞ The number of Broadband subscribers was 540.04 million at the end of January'19 as compared to 518.55 million in December'18, showing an increase of 4.14%.

| <b>Broadband Subscribers in India * (In million)</b> |              |                       |                          |                 |
|--|--------------|-----------------------|--------------------------|-----------------|
| <b>At the end of</b>                                 | <b>Wired</b> | <b>Total Wireless</b> | <b>Total Subscribers</b> | <b>% growth</b> |
| <b>January'18</b>                                    | 17.87        | 360.23                | 378.10                   |                 |
| <b>February'18</b>                                   | 17.72        | 374.34                | 392.06                   | 3.69            |
| <b>March'18</b>                                      | 17.95        | 394.65                | 412.60                   | 5.24            |
| <b>April'18</b>                                      | 17.97        | 401.83                | 419.80                   | 1.75            |
| <b>May'18</b>  | 17.94        | 414.06                | 432.00                   | 2.91            |
| <b>June'18</b>                                       | 17.90        | 429.22                | 447.12                   | 3.50            |
| <b>July'18</b>                                       | 17.95        | 442.29                | 460.24                   | 2.93            |
| <b>August'18</b>                                     | 18.02        | 445.63                | 463.65                   | 0.74            |
| <b>September'18</b>                                  | 17.99        | 463.71                | 481.70                   | 3.89            |
| <b>October'18</b>                                    | 18.10        | 478.02                | 496.12                   | 2.99            |
| <b>November'18</b>                                   | 18.09        | 493.81                | 511.90                   | 3.18            |
| <b>December'18</b>                                   | 18.17        | 500.38                | 518.55                   | 1.30            |
| <b>January'19</b>                                    | 18.27        | 521.77                | 540.04                   | 4.14            |

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