

No. 18-01/2018-STT(T)
Government of India
Ministry of Communication
DEPARTMENT OF TELECOM
(STT - Section)

Dated: October 18, 2018

Subject: - Monthly Telecom Scenario as on 30th June'18.

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to June'18.


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Monthly Telecom Scenario

June'18



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 | June'18 | May'18 |
|--------------------------------------|----------------|----------------|----------------|
| Total Phones | | 1169.01 | 1153.54 |
| Wireline | million | 22.40 | 22.51 |
| Wireless | | 1146.61 | 1131.03 |
| Rural | | 515.91 | 508.30 |
| Urban | | 653.10 | 645.24 |
| Public | | 131.96 | 131.85 |
| Private | | 1037.05 | 1021.69 |
| Wireline %age to Total Phones | | %age | 1.92 |
| Wireless %age to Total Phones | 98.08 | | 98.05 |
| Rural %age to Total Phones | 44.13 | | 44.06 |
| Urban %age to Total Phones | 55.87 | | 55.94 |
| Public %age to Total Phones | 11.29 | | 11.43 |
| Private %age to Total Phones | 88.71 | | 88.57 |
| Overall Teledensity | | 89.73 | 88.62 |
| Wireline Teledensity | %age | 1.72 | 1.73 |
| Wireless Teledensity | | 88.01 | 86.90 |
| Rural Teledensity | | 58.01 | 57.19 |
| Urban Teledensity | | 157.95 | 156.28 |
| Public | | 10.13 | 10.13 |
| Private | | 79.60 | 78.49 |
| Teledensity: Top five Circles | | | |
| Himachal Pradesh | %age | 141.33 | 139.06 |
| Kerala | | 124.14 | 122.52 |
| Punjab | | 124.14 | 122.63 |
| Tamil Nadu | | 116.04 | 114.13 |
| Gujarat | | 110.39 | 110.45 |
| Teledensity: Metros | | | |
| Delhi | %age | 232.25 | 229.85 |
| Kolkata | | 165.76 | 163.31 |
| Mumbai | | 157.58 | 155.86 |
| Broadband | million | 447.12 | 432.00 |



At the end of June'18, the total number of telephones was 1169.01 million, compared to 1153.54 million by the end of May'18, an increase of 15.47 million. There has been net increase in total telephone connections with maximum rise in Bihar (1849490) followed by Uttar Pradesh - [East] (1494519) and Madhya Pradesh (1467258). However, Uttar Pradesh - [West] a fall in telephone connections over previous month, with a decrease of 439988.

| Total Telephones : Service Area wise | | | | |
|---|-------------------|-------------------|-------------------|-------------------|
| Service Area | March'18 | April'18 | May'18 | June'18 |
| ANDHRA PRADESH | 87241623 | 87972697 | 86041407 | 87132426 |
| ASSAM | 25516825 | 25946488 | 20735274 | 21167817 |
| BIHAR | 88930443 | 89782944 | 83006614 | 84856104 |
| GUJARAT | 73195847 | 73254343 | 72021557 | 72044369 |
| HARYANA | 23885096 | 26891430 | 26967918 | 27419180 |
| HIMACHAL PRADESH | 12578747 | 9914485 | 10038773 | 10209877 |
| JAMMU & KASHMIR | 13839800 | 14241662 | 10890338 | 11163003 |
| KARNATAKA | 69221205 | 69914000 | 67903992 | 68878202 |
| KERALA | 43975326 | 44346323 | 44340211 | 44945671 |
| MADHYA PRADESH | 71471417 | 72568344 | 73128238 | 74595496 |
| MAHARASHTRA | 96334317 | 96505211 | 95142369 | 95877056 |
| NORTH-EAST | 13974925 | 14516831 | 11461081 | 11685884 |
| ORISSA | 34649966 | 35151325 | 31688695 | 32217720 |
| PUNJAB | 39002089 | 39299898 | 38811481 | 39322840 |
| RAJASTHAN | 65840348 | 66706229 | 61603897 | 62591756 |
| TAMIL NADU | 98012845 | 100432426 | 82100944 | 83511141 |
| UTTAR PRADESH - [East] | 104613364 | 105889423 | 100258186 | 101752705 |
| UTTAR PRADESH - [West] | 63791171 | 64638595 | 64333647 | 63893659 |
| WEST BENGAL | 59153123 | 60267730 | 56556782 | 57665459 |
| KOLKATA | 29606310 | 30322376 | 26468509 | 26888086 |
| DELHI | 57453739 | 58314198 | 52136504 | 52807164 |
| MUMBAI | 39507941 | 39988041 | 37900004 | 38382354 |
| TOTAL | 1211796467 | 1226864999 | 1153536421 | 1169007969 |

1 Source: BSNL/MTNL/COAI



The telecom Service area-wise analysis reveals that Uttar Pradesh - [East] has the highest share in the total telephones (8.70%) followed by Maharashtra (8.20%), Andhra Pradesh (7.45%), Bihar (7.26%) and Tamil Nadu (7.14%). These five Service areas taken together have a share of 38.75% in the total telephone connections in India.

| Telephones during the month of June'18 | | | | |
|---|-----------------|-------------------|---------------------|--------------------------------|
| Service Area | Wireline | Wireless | Total Phones | %age Share Total Phones |
| ANDHRA PRADESH | 1447134 | 85685292 | 87132426 | 7.45 |
| ASSAM | 131056 | 21036761 | 21167817 | 1.81 |
| BIHAR | 256269 | 84599835 | 84856104 | 7.26 |
| GUJARAT | 1228126 | 70816243 | 72044369 | 6.16 |
| HARYANA | 293705 | 27125475 | 27419180 | 2.35 |
| HIMACHAL PRADESH | 122986 | 10086891 | 10209877 | 0.87 |
| JAMMU & KASHMIR | 150013 | 11012990 | 11163003 | 0.95 |
| KARNATAKA | 2158234 | 66719968 | 68878202 | 5.89 |
| KERALA | 1931945 | 43013726 | 44945671 | 3.84 |
| MADHYA PRADESH | 927699 | 73667797 | 74595496 | 6.38 |
| MAHARASHTRA | 1669283 | 94207773 | 95877056 | 8.20 |
| NORTH-EAST | 108528 | 11577356 | 11685884 | 1.00 |
| ORISSA | 266759 | 31950961 | 32217720 | 2.76 |
| PUNJAB | 837445 | 38485395 | 39322840 | 3.36 |
| RAJASTHAN | 585638 | 62006118 | 62591756 | 5.35 |
| TAMIL NADU | 2271690 | 81239451 | 83511141 | 7.14 |
| UTTAR PRADESH - [East] | 461451 | 101291254 | 101752705 | 8.70 |
| UTTAR PRADESH - [West] | 338457 | 63555202 | 63893659 | 5.47 |
| WEST BENGAL | 266661 | 57398798 | 57665459 | 4.93 |
| KOLKATA | 769799 | 26118287 | 26888086 | 2.30 |
| DELHI | 3192481 | 49614683 | 52807164 | 4.52 |
| MUMBAI | 2979944 | 35402410 | 38382354 | 3.28 |
| TOTAL | 22395303 | 1146612666 | 1169007969 | 100.00 |

1 Source: BSNL/MTNL/COAI



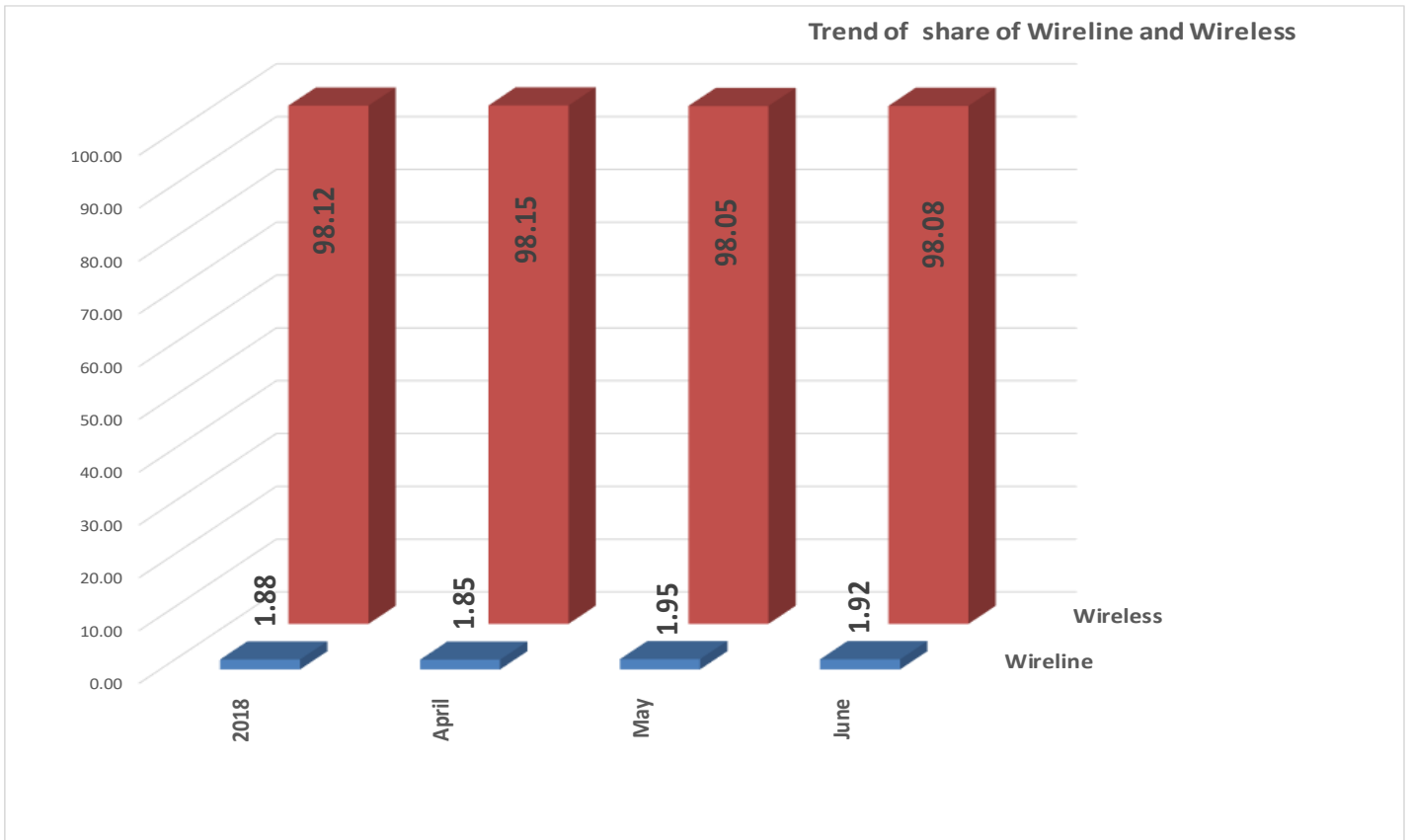
The overall tele-density at the end of June'18 was 89.73%. Rural and urban tele-density was 58.01% and 157.95% respectively. Among the Service areas, Himachal Pradesh (141.33%) has the highest tele-density followed by Kerala (124.14%), Punjab (124.14%), Tamil Nadu (116.04%) and Gujarat (110.39%). Among the three metros, Delhi Service Area tops in tele-density with 232.25%, followed by Kolkata (165.76%) and Mumbai (157.58%).

| Teledensity : Service Area wise (in %age) | | | | |
|--|-----------------|-----------------|---------------|----------------|
| Service Area | March'18 | April'18 | May'18 | June'18 |
| ANDHRA PRADESH | 97.21 | 97.97 | 95.76 | 96.92 |
| ASSAM | 76.87 | 78.10 | 62.35 | 63.60 |
| BIHAR | 63.16 | 63.71 | 58.85 | 60.11 |
| GUJARAT | 112.45 | 112.44 | 110.45 | 110.39 |
| HARYANA | 84.44 | 94.97 | 95.13 | 96.62 |
| HIMACHAL PRADESH | 174.46 | 137.41 | 139.06 | 141.33 |
| JAMMU & KASHMIR | 109.19 | 112.28 | 85.79 | 87.88 |
| KARNATAKA | 109.05 | 110.07 | 106.83 | 108.30 |
| KERALA | 121.61 | 122.59 | 122.52 | 124.14 |
| MADHYA PRADESH | 67.02 | 67.98 | 68.43 | 69.73 |
| MAHARASHTRA | 95.50 | 95.59 | 94.16 | 94.82 |
| NORTH-EAST | 98.06 | 101.77 | 80.28 | 81.79 |
| ORISSA | 80.28 | 81.40 | 73.33 | 74.51 |
| PUNJAB | 123.45 | 124.28 | 122.63 | 124.14 |
| RAJASTHAN | 87.83 | 88.89 | 82.01 | 83.23 |
| TAMIL NADU | 136.36 | 139.67 | 114.13 | 116.04 |
| UTTAR PRADESH - [East] | 71.36 | 72.17 | 69.57 | 69.93 |
| UTTAR PRADESH - [West] | | | | |
| WEST BENGAL | 73.73 | 75.07 | 70.40 | 71.74 |
| KOLKATA | 182.97 | 187.23 | 163.31 | 165.76 |
| DELHI | 254.49 | 257.69 | 229.85 | 232.25 |
| MUMBAI | 163.01 | 164.72 | 155.86 | 157.58 |
| TOTAL | 93.27 | 94.34 | 88.62 | 89.73 |

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.

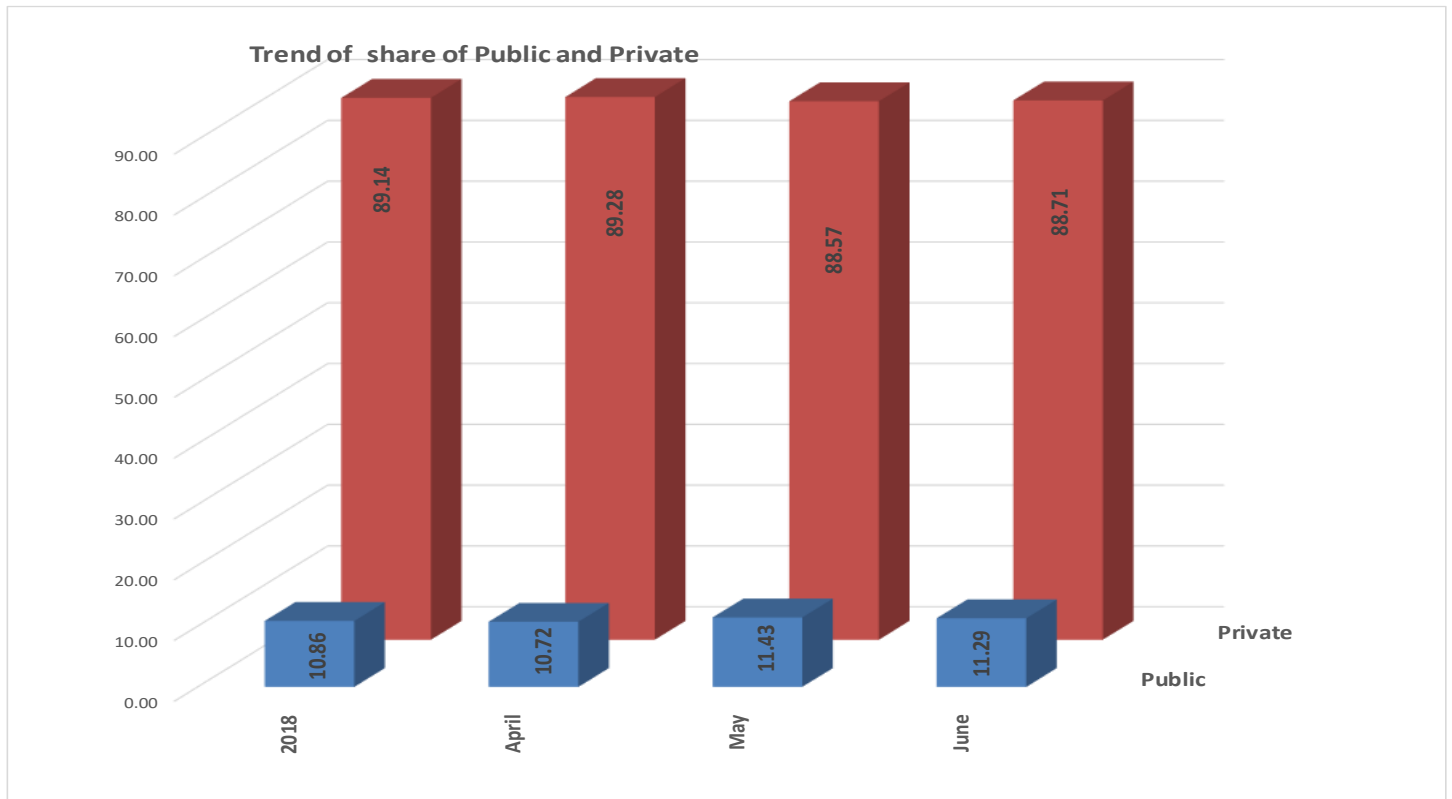
☞ The share of wireless segment in total connections stood at 98.08% by the end of June'18. The share of wireline telephones stood at 1.92%.



Telephones: Wireline vs Wireless

| Year ending 31st March | Telephones | | | Additions | Share% age | | % age Growth | | |
|---------------------------|------------|------------|-------------------|-----------|------------|----------|--------------|----------|-------------|
| | Wireline | Wireless | Total | | Wireline | Wireless | Wireline | Wireless | Overall |
| 2018 | 22810716 | 1188985751 | 1211796467 | 16808407 | 1.88 | 98.12 | -6.52 | 1.57 | 1.41 |
| 2018-19 | | | | | | | | | |
| April | 22641689 | 1204223310 | 1226864999 | 15068532 | 1.85 | 98.15 | -0.74 | 1.28 | 1.24 |
| May | 22508336 | 1131028085 | 1153536421 | -73328578 | 1.95 | 98.05 | -0.59 | -6.08 | -5.98 |
| June | 22395303 | 1146612666 | 1169007969 | 15471548 | 1.92 | 98.08 | -0.50 | 1.38 | 1.34 |

☞ In June'18, Public sector's share in total telephones was 11.29%, as against 88.71% share of the private sector.

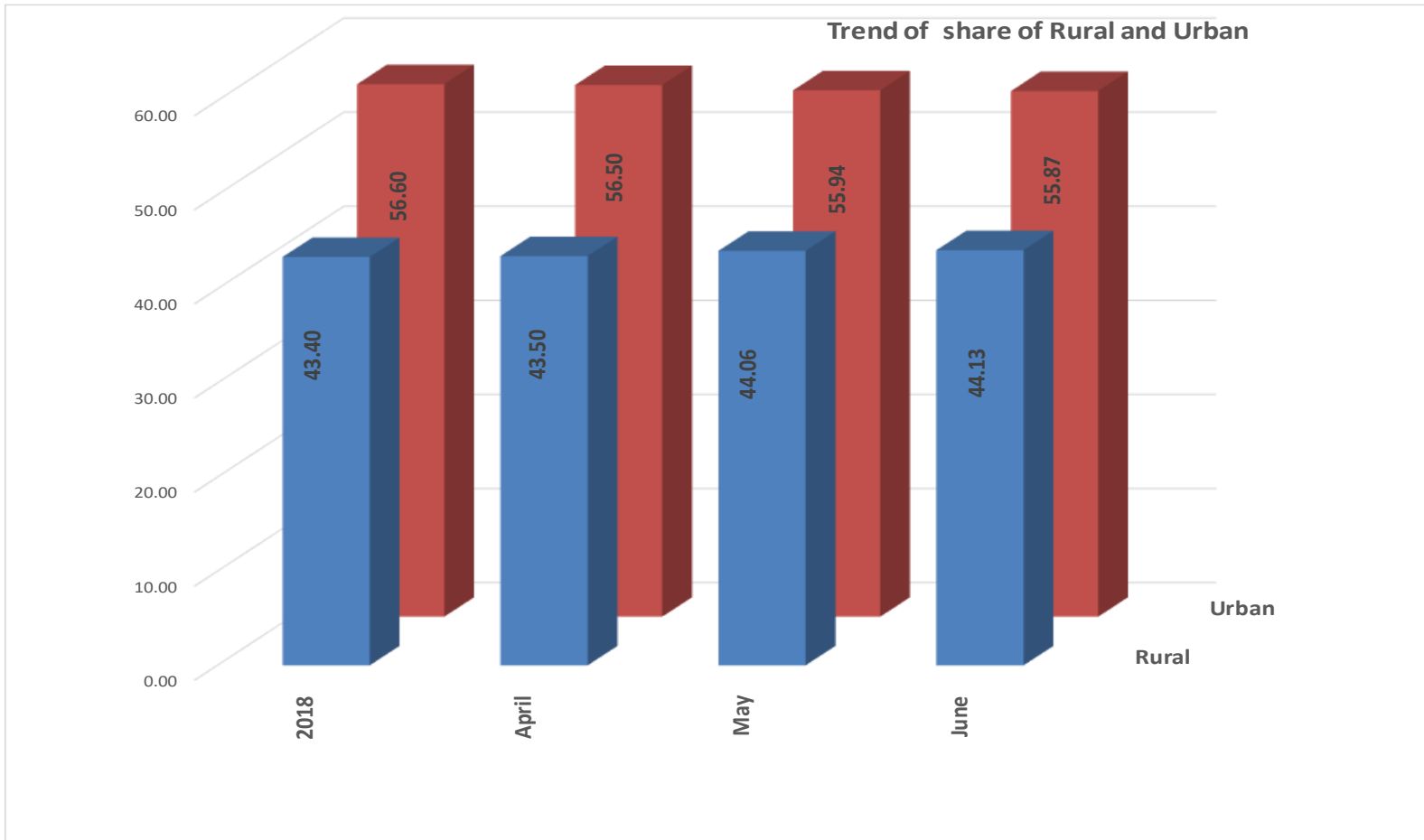


Telephones: Public vs. Private

| Year ending 31st March | Telephones | | | Additions | | Share% age | | % age Growth | |
|---------------------------|------------|------------|------------|-----------|-----------|------------|---------|--------------|---------|
| | Public | Private | Total | Public | Private | Public | Private | Public | Private |
| 2018 | 131655262 | 1080141205 | 1211796467 | 9477923 | 7330484 | 10.86 | 89.14 | 7.76 | 0.68 |
| 2018-19 | | | | | | | | | |
| April | 131495571 | 1095369428 | 1226864999 | -159691 | 15228223 | 10.72 | 89.28 | -0.12 | 1.41 |
| May | 131853133 | 1021683288 | 1153536421 | 357562 | -73686140 | 11.43 | 88.57 | 0.27 | -6.73 |
| June | 131962915 | 1037045054 | 1169007969 | 109782 | 15361766 | 11.29 | 88.71 | 0.08 | 1.50 |



In the month of June'18, the share of rural areas in total telephones increased to 44.13% against 44.06% of May'18. The share of urban areas decreased and stood at 55.87% against 55.94% of May'18.



Telephones: Rural vs. Urban

| Year ending 31st March | Telephones | | | Additions | | Share% age | | % age Growth | |
|---------------------------|------------|-----------|-------------------|-----------|-----------|------------|-------|--------------|-------|
| | Rural | Urban | Total | Rural | Urban | Rural | Urban | Rural | Urban |
| 2018 | 525869058 | 685927409 | 1211796467 | 24062515 | -7254108 | 43.40 | 56.60 | 4.80 | -1.05 |
| 2018-19 | | | | | | | | | |
| April | 533731736 | 693133263 | 1226864999 | 7862678 | 7205854 | 43.50 | 56.50 | 1.50 | 1.05 |
| May | 508300918 | 645235503 | 1153536421 | -25430818 | -47897760 | 44.06 | 55.94 | -4.76 | -6.91 |
| June | 515907423 | 653100546 | 1169007969 | 7606505 | 7865043 | 44.13 | 55.87 | 1.50 | 1.22 |

Overall teledensity for the month of June'18 reached to 89.73%. It was 88.62% in May'18. The Teledensity for wireless segment was 88.01% whereas that of wireline segment is 1.72%. Teledensity reported in rural areas was 58.01% and teledensity for the urban areas was 157.95%. In Public sector, teledensity was 10.13% and in Private sector, it was 79.60% for the month of June'18.

Tele-density

| Year ending 31st March | Teledensity (%age) | | | | | | |
|---------------------------|--------------------|--------|--------------|----------|----------|--------|---------|
| | Rural | Urban | Overall | Wireline | Wireless | Public | Private |
| 2018 | 59.25 | 166.64 | 93.27 | 1.76 | 91.51 | 10.13 | 83.14 |
| 2018-19 | | | | | | | |
| April | 60.09 | 168.14 | 94.34 | 1.74 | 92.60 | 10.11 | 84.23 |
| May | 57.19 | 156.28 | 88.62 | 1.73 | 86.90 | 10.13 | 78.49 |
| June | 58.01 | 157.95 | 89.73 | 1.72 | 88.01 | 10.13 | 79.60 |

Overall teledensity declined from 94.34% in April,2018 to 88.62% in May'18. Thereafter, teledensity increased to 89.73% in June,2018.

☞ The number of Internet subscribers (both broadband and narrowband put together) which was 422.18 million at the end of March, 2017 increased to 493.95 million by the end of March'18. The number of subscribers accessing internet via wireless phones was 472.72 million at the end of March'18. The number of wired Internet subscribers was 21.23 million at the end of March'18.

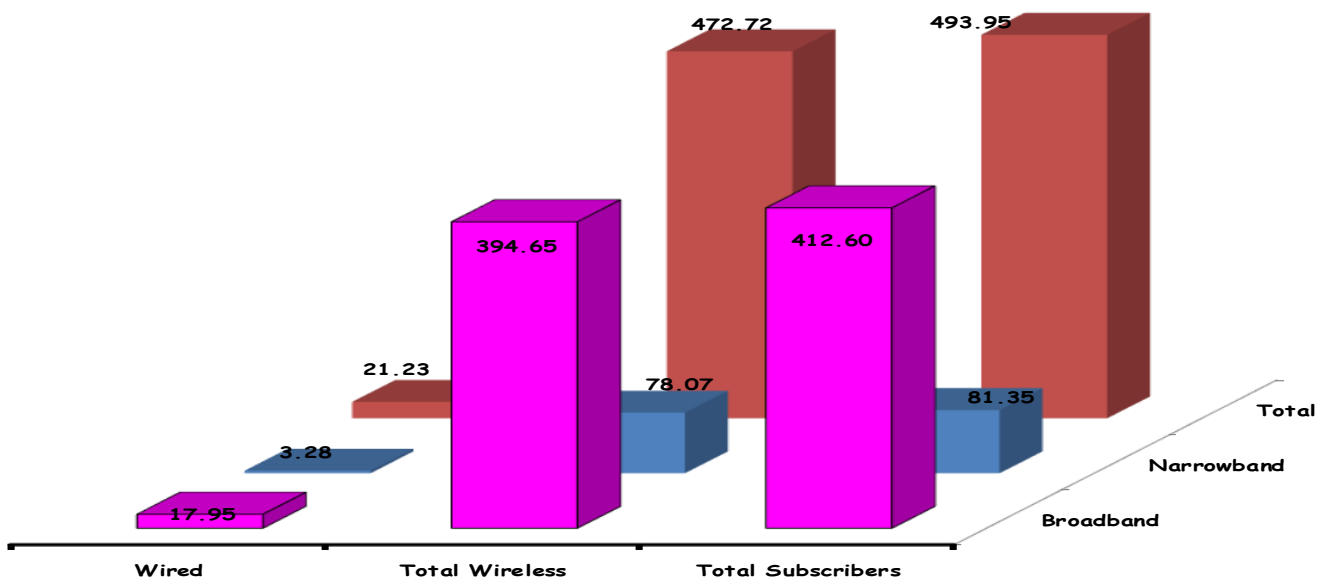
Trend of Internet Subscribers

| | | | | | |
|---|----------|---------|--------------|-------------|----------|
| Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless) | March'17 | June'17 | September'17 | December'17 | March'18 |
| | 422.18 | 431.21 | 429.25 | 445.96 | 493.95 |
| Quarterly Growth (in Percentage) | 7.84 | 2.14 | -0.45 | 3.89 | 10.76 |

| Internet Subscriber Base in India - March'18 * (in million) | | | |
|---|--------------|----------------|---------------|
| Segment | Wired | Total Wireless | Total |
| Broadband | 17.95 | 394.65 | 412.60 |
| Narrowband | 3.28 | 78.07 | 81.35 |
| Total | 21.23 | 472.72 | 493.95 |

* As per the TRAI input

Internet Subscribers - March 2018 (in millions)



☞ The number of Broadband subscribers was 447.12 million at the end of June'18 increased from 432.00 million in May'18 showing an increase of 3.50%.

| At the end of | Wired | Total Wireless | Total Subscribers |
|---------------|-------|----------------|-------------------|
| January'18 | 17.87 | 360.23 | 378.10 |
| February'18 | 17.72 | 374.34 | 392.06 |
| March'18 | 17.95 | 394.65 | 412.60 |
| April'18 | 17.97 | 401.83 | 419.80 |
| May'18 | 17.94 | 414.06 | 432.00 |
| June'18 | 17.90 | 429.22 | 447.12 |
