No. 18-06/2016-STT(T) Pt.

भारत सरकार Government of India

संचार मंत्रालय

Ministry of Communication दूरसंचार विभाग

DEPARTMENT OF TELECOM

(सांख्यिकी अनुभाग)

(STT - Section)

Dated: August 3, 2017

विषय : मासिक दूरसंचार दृश्यालेख 31 मई'17 की अवस्थितिनुसार। Subject: - Monthly Telecom Scenario as on 31st May'17.

कृपया संलग्न पायें, मई'17 माह के लिये अद्यनित विभिन्न दूरसंचार प्राचलों के आंकड़ों को समाहित कर मासिक दूरसंचार दृष्यालेख।

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to May'17.

(Arvind Pandey)

Director (P&M)

सचिव-(दूरसंचार विभाग)/Secretary-DOT

सदस्य-(वित्त) / Member (F)

सदस्य-(सेवायें) / Member (S)

सदस्य-(तकनीकी) / Member (T)

अपर सचिव-(दूरसंचार)/Addional Secretary-(T)

सलाहकार (प्रचालन) / Adviser (F)

सलाहकार (तकनीक) / Adviser (T)

समी व उपमहानिदेशक व उपमहानिदेशक/ALL Sr. DDG's & DDGs'-

(Actts)/ (TPF) /(AKS)/(AS)/(BB-USOF)/(BW)/(C&A)/(CS)/(CVO)/(DS)/(Estt)/(FEB)/(IC)/(IR)/(LFA)/(LFP)/(NT)/(PG)/(PPS)/(SR) /(Security)/(SU)/ (Tech)/(TEC)/(TERM)/(WPF)

Copy to:

प्रधान सलाहकार (आर्थिक)/Principal Adviser (Economics) आर्थिक सलाहकार / Economics Adviser

Monthly Telecom Scenario

(मई'17) May'17



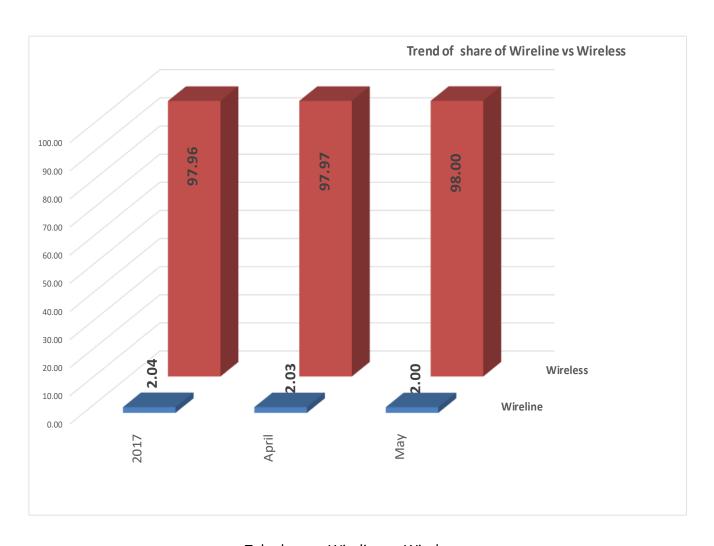
STT Section Department of Telecommunications Government of India

Overview

- At the end of May'17, the total number of telephones was 1205.18 million, compared to 1199.25 million by the end of April'17 i.e., an increase of 5.93 million.
- By the end of May'17, the share of wireless segment was 98.00%. The share of wireline telephones has been steadily declining and is 2.00%, compared to 2.03% in April'17.
- Public sector's share in total telephones is 10.27%, while that of the private sector is 89.73%.
- In the month of May'17, the share of rural areas is 42.15% against 41.95% of April'17. The share of urban areas decreased and stands at 57.85% against 58.05% of April'17.
- The telecom Service area-wise analysis reveals that Uttar Pradesh [East] has the highest share in the total telephones, followed by Maharashtra, Tamil Nadu, Andhra Pradesh and Bihar. Their shares in the total telephones being 8.85%, 7.99%, 7.66%, 7.22% and 7.14%, respectively. These five Service areas taken together have a share of 38.86% in the total telephone connections in India.
- The overall tele-density at the end of May'17 was 93.63%. Rural and urban tele-density was 57.61% and 171.98% respectively. Among the Service areas, Himachal Pradesh (149.74%) has the highest tele-density followed by Tamil Nadu (128.97%), Punjab (120.19%), Kerala (115.67%) and Gujarat (113.65%). Among the three metros, Delhi Service Area tops in tele-density with 260.31% tele-density, followed by Kolkata (188.58%) and Mumbai (166.16%).
- The number of Internet subscribers (both broadband and narrowband put together) which was 342.65 million at the end of March, 2016 increased to 422.18 million by the end of March'17. The number of subscribers accessing internet via wireless phones etc. was 400.61 million at the end of March'17. The number of wired Internet subscribers was 21.57 million at the end of March'17. The number of Broadband subscribers was 291.61 million at the end of May'17.

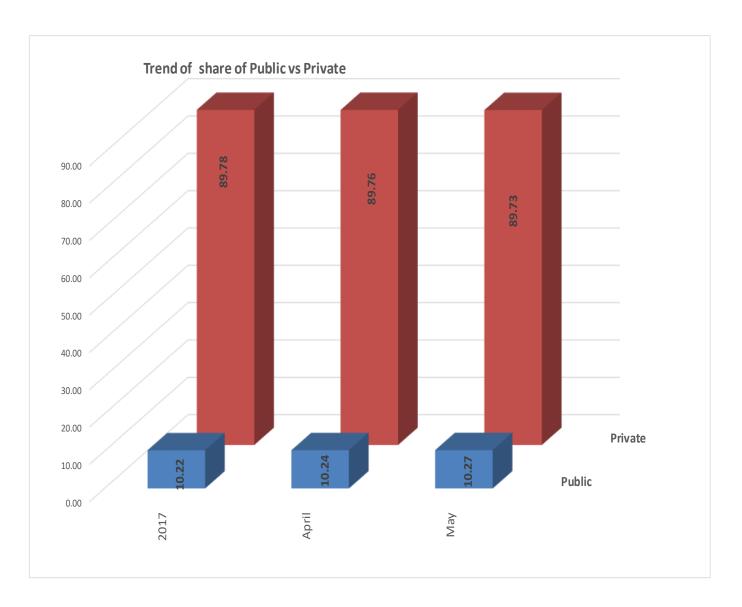
The following table gives a summary of the sector's performance vis-à-vis last month:

| Parameter | Unit | May'17 | April'17 |
|-------------------------------|-----------------------------|----------------|----------------|
| Total Phones | | 1205.18 | 1199.25 |
| Wireline | million %age %age %age %age | 24.16 | 24.30 |
| Wireless | | 1181.02 | 1174.96 |
| Rural | | 508.02 | 503.07 |
| Urban | | 697.16 | 696.18 |
| Public | | 123.79 | 122.77 |
| Private | | 1081.39 | 1076.48 |
| Wireline %age to Total Phones | | 2.00 | 2.03 |
| Wireless %age to Total Phones |] | 98.00 | 97.97 |
| Rural %age to Total Phones | %age | 42.15 | 41.95 |
| Urban %age to Total Phones | _ /₀uge | 57.85 | 58.05 |
| Public %age to Total Phones | | 10.27 | 10.24 |
| Private %age to Total Phones | | 89. <i>7</i> 3 | 89. <i>7</i> 6 |
| Overall Teledensity | | 93.63 | 93.25 |
| Wireline Teledensity | 1 | 1.88 | 1.89 |
| Wireless Teledensity | | 91.75 | 91.36 |
| Rural Teledensity | %age | 57.61 | 57.09 |
| Urban Teledensity | | 171.98 | 172.00 |
| Public | | 9.62 | 9.55 |
| Private | | 84.01 | 83.71 |
| Teledensity: Top five Circles | | | |
| Himachal Pradesh | | 149.74 | 147.86 |
| Tamil Nadu | | 128.97 | 128.56 |
| Punjab | %age | 120.19 | 119.26 |
| Kerala | | 115.67 | 115.09 |
| Gujarat | | 113.65 | 114.04 |
| Teledensity: Metros | | | |
| Delhi | | 260.31 | 258.93 |
| Kolkata | %age | 188.58 | 188.49 |
| Mumbai | <u> </u> | 166.16 | 166.69 |
| Broadband | million | 291.61 | 284.23 |



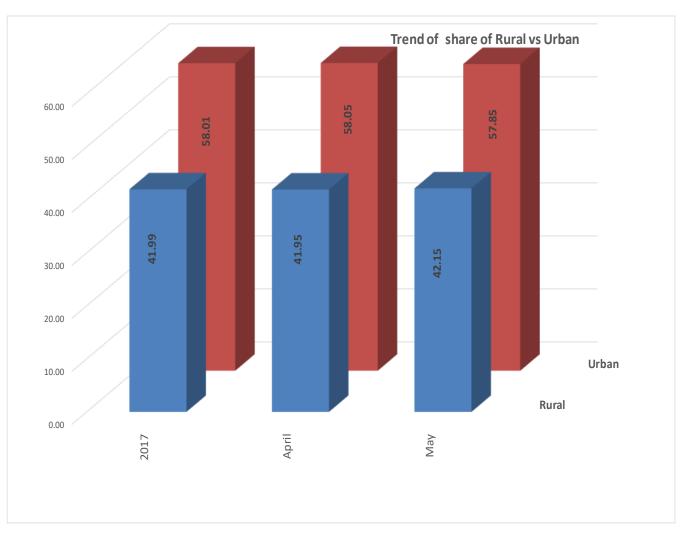
Telephones: Wireline vs Wireless

| Year ending | | Telephones | i | Additions | Share% age | | % age Growth | | vth |
|-------------|----------|------------|------------|-----------|------------|----------|--------------|----------|---------|
| 31st March | Wireline | Wireless | Total | Additions | Wireline | Wireless | Wireline | Wireless | Overall |
| 2017 | 24400627 | 1170587433 | 1194988060 | 135654829 | 2.04 | 97.96 | -3.27 | 13.20 | 12.81 |
| | 2017-18 | | | | | | | | |
| April | 24296732 | 1174957062 | 1199253794 | 4265734 | 2.03 | 97.97 | -0.43 | 0.37 | 0.36 |
| May | 24157974 | 1181020435 | 1205178409 | 5924615 | 2.00 | 98.00 | -0.57 | 0.52 | 0.49 |



Telephones: Public vs. Private

| Year ending | ing Telephones | | | Add | Additions | | Share% age | | % age Growth | |
|-------------|----------------|------------|------------|----------|-----------|--------|------------|--------|--------------|--|
| 31st March | Public | Private | Total | Public | Private | Public | Private | Public | Private | |
| 2017 | 122177339 | 1072810721 | 1194988060 | 13527403 | 122127426 | 10.22 | 89.78 | 12.45 | 12.85 | |
| | 2017-18 | | | | | | | | | |
| April | 122772793 | 1076481001 | 1199253794 | 595454 | 3670280 | 10.24 | 89.76 | 0.49 | 0.34 | |
| May | 123794637 | 1081383772 | 1205178409 | 1021844 | 4902771 | 10.27 | 89.73 | 0.83 | 0.46 | |



Telephones: Rural vs. Urban

| Year ending | Year ending Telephones | | | Additions | | Share% age | | % age Growth | |
|-------------|------------------------|-----------|------------|-----------|----------|------------|-------|--------------|-------|
| 31st March | Rural | Urban | Total | Rural | Urban | Rural | Urban | Rural | Urban |
| 2017 | 501806543 | 693181517 | 1194988060 | 54036789 | 81618040 | 41.99 | 58.01 | 12.07 | 13.35 |
| | 2017-18 | | | | | | | | |
| April | 503071331 | 696182463 | 1199253794 | 1264788 | 3000946 | 41.95 | 58.05 | 0.25 | 0.43 |
| May | 508017416 | 697160993 | 1205178409 | 4946085 | 978530 | 42.15 | 57.85 | 0.98 | 0.14 |

Telephones: Service area-wise

| Service Area | March'17 | April'17 | May'17 |
|------------------------|------------|------------|-------------------|
| ANDHRA PRADESH | 86580485 | 87005489 | 87008505 |
| ASSAM | 21994249 | 22064486 | 22278684 |
| BIHAR | 84929755 | 85272222 | 86073761 |
| GUJARAT | 73198846 | 73477108 | 73293488 |
| HARYANA | 25392301 | 25387715 | 25743604 |
| HIMACHAL PRADESH | 10580608 | 10586867 | 10728972 |
| JAMMU & KASHMIR | 12041327 | 12144037 | 12329598 |
| KARNATAKA | 71385928 | 71303679 | 71492903 |
| KERALA | 41275132 | 41419026 | 41644405 |
| MADHYA PRADESH | 70603342 | 71201810 | 71318293 |
| MAHARASHTRA | 95780986 | 96322232 | 96260464 |
| NORTH-EAST | 12688408 | 12685840 | 12815222 |
| ORISSA | 34583799 | 34745877 | 34938212 |
| PUNJAB | 36972226 | 37313866 | 37638000 |
| RAJASTHAN | 68098694 | 68021109 | 68439680 |
| TAMIL NADU | 91803712 | 91956377 | 92292222 |
| UTTAR PRADESH - [East] | 105054437 | 105515829 | 106676693 |
| UTTAR PRADESH - [West] | 67072551 | 67034764 | 67751894 |
| WEST BENGAL | 58577948 | 58936349 | 591 <i>7</i> 5638 |
| KOLKATA | 30175215 | 30221061 | 30259384 |
| DELHI | 56573699 | 56966951 | 57407166 |
| MUMBAI | 39624412 | 39671100 | 39611621 |
| TOTAL | 1194988060 | 1199253794 | 1205178409 |

1 Source: BSNL/MTNL/AUSPI/COA

Tele-density

| Year ending | | Teledensity (%age) | | | | | | |
|-------------|-------|--------------------|---------|----------|----------|--------|---------|--|
| 31st March | Rural | Urban | Overall | Wireline | Wireless | Public | Private | |
| 2017 | 56.98 | 171.52 | 93.01 | 1.90 | 91.11 | 9.51 | 83.50 | |
| 2017-18 | | | | | | | | |
| April | 57.09 | 172.00 | 93.25 | 1.89 | 91.36 | 9.55 | 83.71 | |
| May | 57.61 | 171.98 | 93.63 | 1.88 | 91.75 | 9.62 | 84.01 | |

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

| Teledensity : Service Area wise (in %age) | | | | | | | |
|---|----------|----------|--------|--|--|--|--|
| Service Area | March'17 | April'17 | May'17 | | | | |
| ANDHRA PRADESH | 97.18 | 97.60 | 97.54 | | | | |
| ASSAM | 66.97 | 67.13 | 67.72 | | | | |
| BIHAR | 60.99 | 61.18 | 61.69 | | | | |
| GUJARAT | 113.71 | 114.04 | 113.65 | | | | |
| HARYANA | 91.01 | 90.89 | 92.06 | | | | |
| HIMACHAL PRADESH | 147.86 | 147.86 | 149.74 | | | | |
| JAMMU & KASHMIR | 95.91 | 96.65 | 98.05 | | | | |
| KARNATAKA | 113.39 | 113.18 | 113.40 | | | | |
| KERALA | 114.75 | 115.09 | 115.67 | | | | |
| MADHYA PRADESH | 67.07 | 67.57 | 67.60 | | | | |
| MAHARASHTRA | 95.88 | 96.35 | 96.20 | | | | |
| NORTH-EAST | 89.94 | 89.85 | 90.68 | | | | |
| ORISSA | 80.74 | 81.06 | 81.46 | | | | |
| PUNJAB | 118.28 | 119.26 | 120.19 | | | | |
| RAJASTHAN | 92.02 | 91.82 | 92.28 | | | | |
| TAMIL NADU | 128.41 | 128.56 | 128.97 | | | | |
| UTTAR PRADESH - [East] | 74.03 | 74.12 | 74.83 | | | | |
| UTTAR PRADESH - [West] | 74.03 | 74.12 | 74.00 | | | | |
| WEST BENGAL | 73.59 | 73.99 | 74.25 | | | | |
| KOLKATA | 188.37 | 188.49 | 188.58 | | | | |
| DELHI | 257.76 | 258.93 | 260.31 | | | | |
| MUMBAI | 166.77 | 166.69 | 166.16 | | | | |
| TOTAL | 93.01 | 93.25 | 93.63 | | | | |

^{1.}Source: BSNL/MTNL/AUSPI/COAI and O/o Registrar General

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

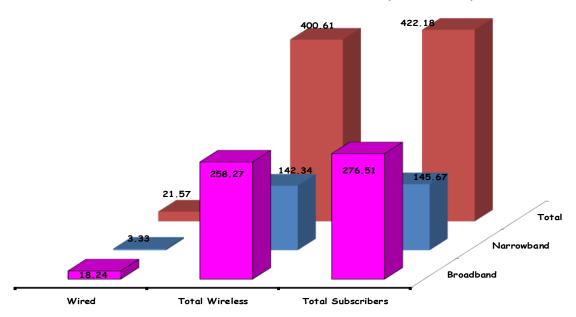
^{3.} Projected population of individual States may not tally with the All India Population

Internet Subscribers

| Trends of Internet Subscribers (in million) | | | | | | |
|---|--------|--------|--------|--------|----------|--|
| Total Internet Subscribers (Includes wired, Mar. '16 June'16 September'16 December'16 March | | | | | March'17 | |
| fixed Wireless and Mobile Wireless) | 342.65 | 350.48 | 367.48 | 391.50 | 422.18 | |

| Internet Subscriber Base in India - March'17 * (in million) | | | | | | |
|---|-------|--------|--------|--|--|--|
| Segment | Total | | | | | |
| Broadband | 18.24 | 258.27 | 276.51 | | | |
| Narrowband | 3.33 | 142.34 | 145.67 | | | |
| Total 21.57 400.61 422.18 | | | | | | |
| * As per the TRAI input | | | | | | |

Internet Subscribers - March 2017 (in millions)



| Broadbai | In million) | | |
|---------------|-------------|----------------|-------------|
| At the end of | Wired | Total Wireless | Total |
| At the end of | wirea | Toldi Wireless | Subscribers |
| March'17 | 18.24 | 258.27 | 276.51 |
| April'17 | 18.25 | 265.98 | 284.23 |
| May'17 | 18.23 | 273.38 | 291.61 |
