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सत्यमेव जयते

दूरसंचार विभाग  
Department of Telecommunications  
संचार मंत्रालय  
Ministry of Communications  
भारत सरकार  
Government of India  
नई दिल्ली  
New Delhi

## त्रैमासिक न्यूज़लेटर Quarterly Newsletter



Today, India is one of the fastest moving telecom markets in the world with its unprecedented increase in tele-density and sharp decline in tariffs. Such vibrancy in the telecom market plays a significant role in the country's economic growth.

The Government has launched an ambitious '**Digital India**' programme to transform India into a digitally empowered society. As part of this ambitious programme, the Government has initiated the project BharatNet, a high speed digital highway to connect Gram Panchayats, has the potential to connect every nook and corner of the country digitally and deliver e-governance services to its citizens.

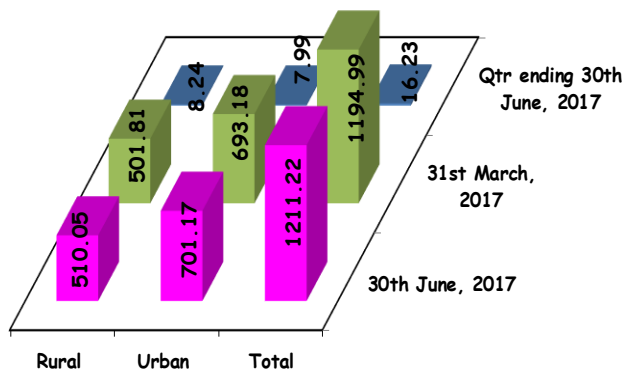
This Quarterly Newsletter tries to highlight the major initiatives and achievements of the DoT, during the quarter ending **June, 2017**.

## I. Department of Telecommunications

### (i) Indian Telecom Scenario

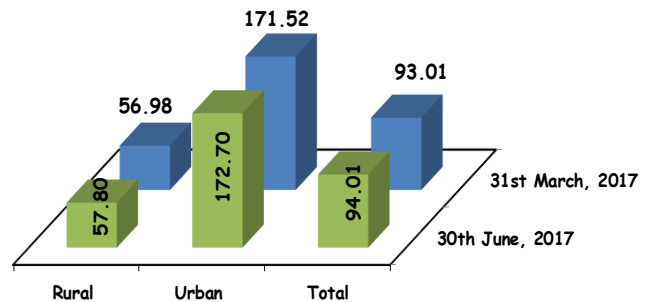
The number of telephones has increased to 1211.22 million as on 30th June, 2017 from 1194.99 million on 31st March, 2017, registering an increase of 16.23 million during the period. This rise is attributed to an increase in number of telephones in the private sector by 13.61 million during the period.

#### Telephones



The tele-density, which was 93.01% in the beginning of the quarter increased to 94.01% by the end of the March 2017.

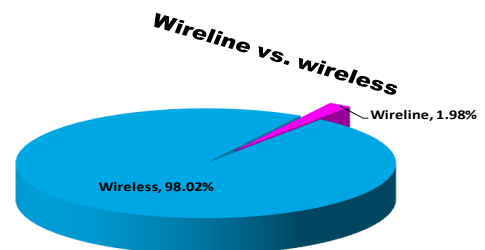
#### Tele-density



### (ii) Compositional Changes

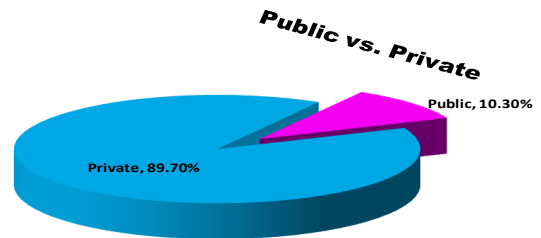
#### Wire line Vs. Wireless

The preference for use of wireless telephony continues. This is confirmed from the rising share of wireless phones, which has reached 98.02% (1187.22 million) as on 30th June, 2017. On the other hand, the share of wire line was 1.98%(24.00 million) as on 30th June, 2017.



### Public Vs. Private

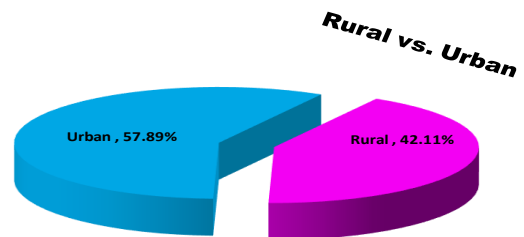
In public sector, there was an increase of 2.62 million phones during the quarter ending June,2017. However, in private sector there was increase of 13.61 million phones during the same period and total telephones in the country increased by 16.23 million. The public sector having 124.80 million (10.30%) phones as against 1086.42 million (89.70%) phones of the private sector as on 30th June, 2017.



### Rural Vs. Urban

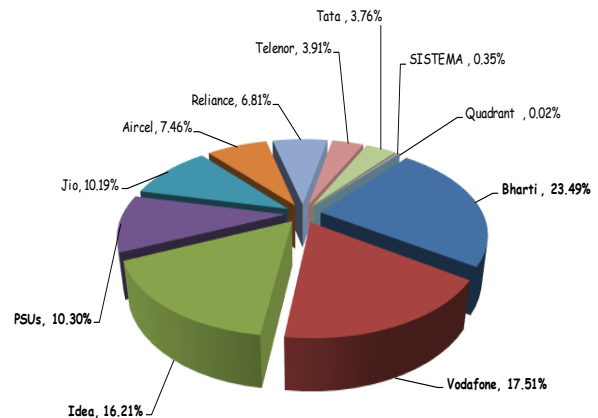
As on 30th June, 2017, the share of urban was 57.89% (701.17 million) compared to 42.11%(510.05 million) of rural areas.

The rural tele-density stands at 57.80% as compared to the urban tele-density of 172.70% as on 30th June, 2017.



### Operator wise performance

The operator-wise analysis indicates that PSUs' still have a large share of 69.38% in the wire line segment. Private operators, on the other hand, have a share of 90.89% in the wireless segment and 89.70% in total phones reported as on 30th June, 2017. Bharti has the highest share of 23.49% in the total telephones, followed by Vodafone (17.51%), Idea (16.21%), PSUs (10.30%) and Jio (10.19%).



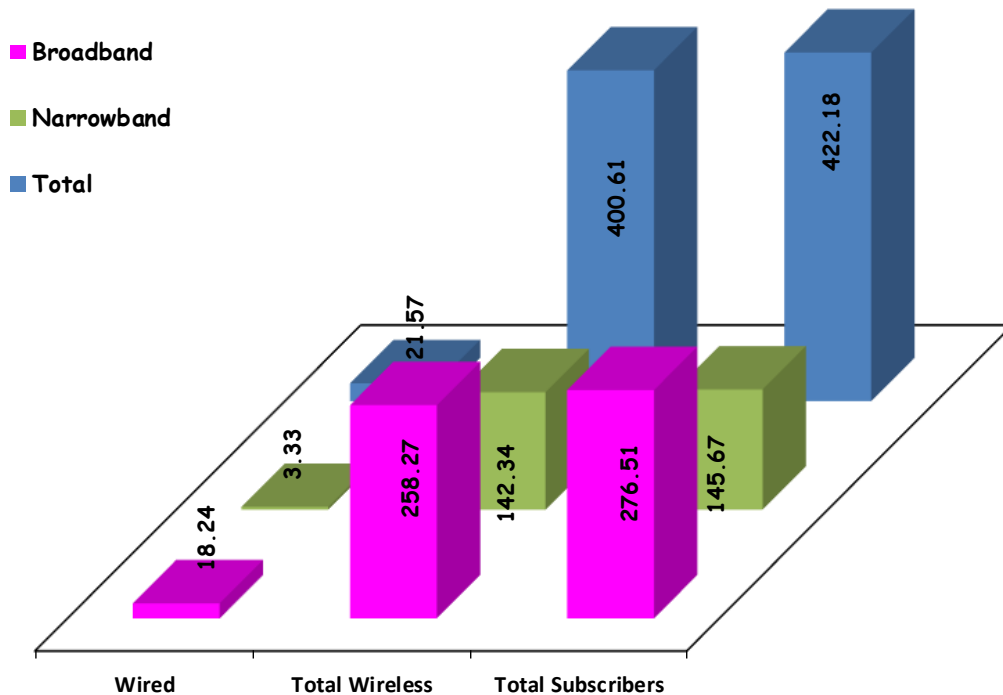
**Operator wise detail**

## Internet Penetration

Internet usage in the country is on the increase. The number of Internet subscribers (both broadband and narrowband put together) which was 391.50 million at the end of December'16 has increased to 422.18 million by the end of March, 2017, a rise of 7.84%.

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

Internet subscriber base in India - March 2017 (in million)



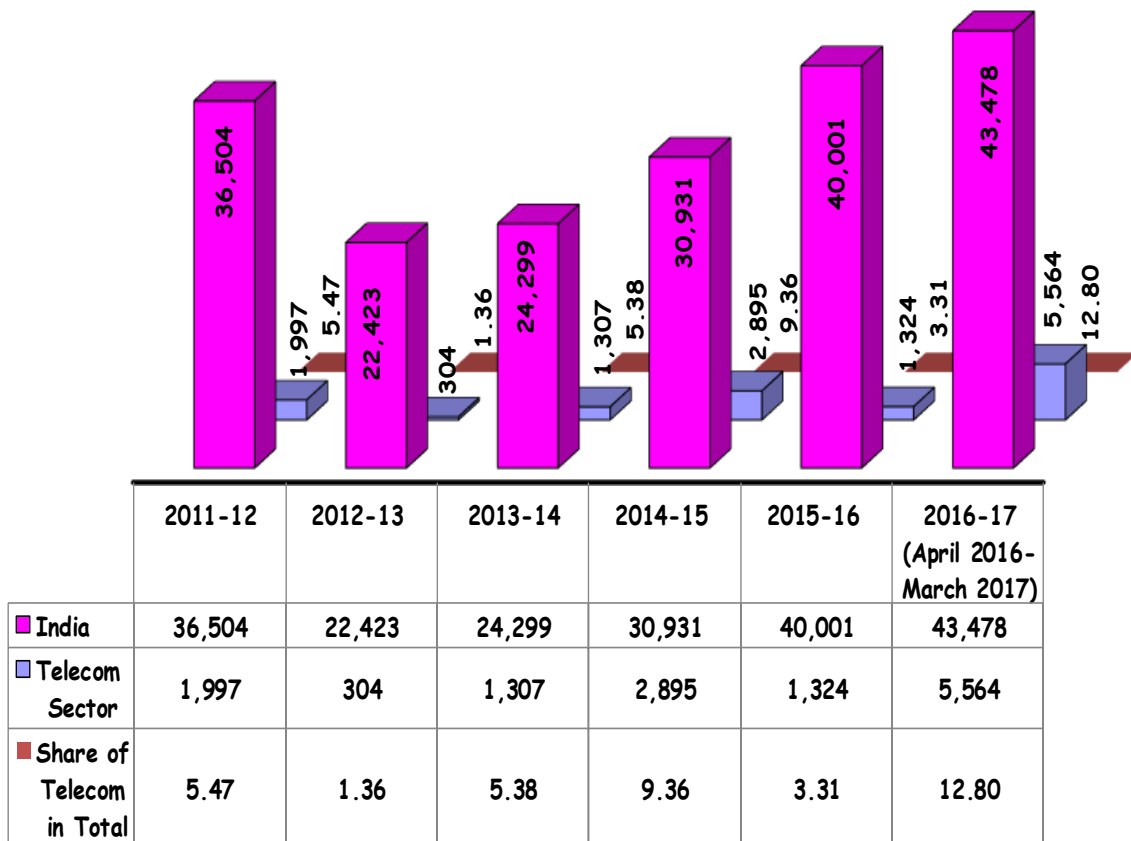
The number of subscribers accessing internet via wireless phones etc. was 400.61 million and there were 21.57 million wired internet subscribers at the end of March, 2017. Wireless internet subscribers constitute 94.89% of the total internet subscribers.

The number of Broadband subscribers, which was 276.51 million at the end of March'17, increased to 300.84 million as on 30<sup>th</sup> June '17 with an increase of 24.33 million.

**(iii) Foreign Direct Investment (FDI) Inflows**

FDI in telecom sector has helped the expansion of telecom services in the country which has led to affordable telecom services to the masses and created greater employment opportunities in the country. FDI up-to 100% is allowed in Telecom Services, with up-to 49% being permitted via automatic route and beyond 49% via government route. FDI up-to 100% is also allowed in manufacturing of telecom products under the automatic route.

**FDI Equity Inflows (US\$ in million)**



Actual flow of FDI inflow in telecom sector "April 2000 to March 2017" is of the order of US\$ 23,946 million (130,164 crore). During the period April 2016 - March 2017, Telecommunications Sector attracted FDI Equity inflows of US\$ 5,564 million (37,435 crore) out of total FDI Equity inflows of US\$ 43,478 million (291,696 crore). This is 12.80% of the total FDI Equity Inflows in India during the period.

**(iv) Telecommunications Consultants India Limited**

During April - June 2017, TCIL has secured orders of over Rs. 121.97 crs. The major orders booked during the period are as under:

- i. Work awarded in KSA:
  - Supply of manpower, OSP and FTTH, for the value of Rs. 14.04 crs.
  - Supply of expert manpower to Ericsson, Nokia Al Saudi, Nokia, Al Jomiah in Mobily FTTH project Saudi electricity work up to 36 KV, for the value of Rs. 10.41 crs.
- ii. Work awarded by Chhattisgarh tourism board for development of Tribal Tourism circuit in Chhattisgarh, for the value of Rs. 80.00 crs.

Provisional Turnover for the quarter April –June 2017 is Rs. 211.97 crs

**(v) Skill Development**

Skill Development Unit of DOT has coordinated for provisioning of two dedicated 34 Mbps fibre optic leased line in 1+1 configuration at Deoghar college ground Jharkhand and dedicated 2 to 4 MBPS fibre connectivity to 31 Pradhan Mantri Kaushal Kendras spreading across 13 states namely Assam, Bihar, Chhattisgarh, Haryana, J&K, Jharkhand, Karnataka, Madhya Pradesh, Odisha, Rajasthan, UP and West Bengal for the inauguration by Hon'ble President of India on 2<sup>nd</sup> April 2017. The Pradhan Mantri Kaushal Kendras have been inaugurated at all the places successfully along with the video conferencing.

The RPL training in BSNL units were successfully conducted at places like Motihari and the certificates have been distributed by Hon'ble Minister of Skill Development and Entrepreneurship Shri Rajiv Pratap Rudy. The press clip is given below

On 24<sup>th</sup> May 2017 Hon'ble MOS (IC) MOC has launched two schemes to promote Skill Development in Telecom Sector.

- The first scheme is a Pilot Scheme to open 'Pandit Deendayal Upadhyaya Kaushal Vikas Pratisthans' for commemorating the birth centenary of Pandit Deendayal Upadhyaya ji.
- These 'Pandit Deendayal Upadhyaya Sanchar Kaushal Vikas Pratisthan' training centres shall provide Skill Development trainings as per National Skill Qualification Framework (NSQF), the local need of the telecom sector owing to large scale spread of Broadband in villages through BBNL and to cater to all sectoral needs. This will be able to provide telecom skilled manpower for NOFN / Bharat Net flagship schemes.
- The second scheme 'Pandit Deendayal Upadhyaya Telecom Skill Excellence Awards' is to give recognition to the excellence in skills in Telecom sector.
- These pilot schemes will try to bridge the gap of skilling in telecom sector by bringing the strengths of various stakeholders including DOT PSUs BSNL, ITI, BBNL, MTNL, TCIL, R&D organization like C-DOT along with all other telecom service providers together.
- Since India is a vast nation with multiple languages, optionally the skill trainings will also be provided in local languages for better grasp by the youth and it is also proposed that translation of training material to regional language of area shall be carried out. The objective is to simplify the process of skilling by making the multimedia contents in Indian languages.





A meeting has been conducted under the chairmanship of Sr DDG (SD) on 2<sup>nd</sup> June 2017 by SD Unit with C-DOT and Telecom Sector Skill Council regarding Skill Development trainings for 'Pandit Deendayal Upadhyaya Sanchar Kaushal Vikas Pratisthans' at the conference room of C-DOT campus.



C-DOT has given a demo of its product called Gyansetu which can be used for skill development of people with low literacy level.

C-DOT has also made all the participants aware about the various telecom products of C-DOT and has shown its zeal to contribute in 'Pandit Deendayal Upadhyaya Sanchar Kaushal Vikas Pratisthans' Pilot Scheme.



In this quarter two meetings for review of skill development activities were also conducted.

#### (vi) **Social Media Activities**

Presence of Department of Telecommunications(DoT) on Social Media was started last year on following platforms:

- Official Twitter account
  - [https://twitter.com/@DoT\\_India](https://twitter.com/@DoT_India)
- Official Facebook page
  - <https://www.facebook.com/DoTIndia>

Various activities related to DoT are posted on these Social Media Platforms on regular basis. In addition, Twitter Seva of DoT was also launched last year through which Grievances/Feedback coming on Twitter handle of Hon'ble Minister of Communications and DoT related to Telecom matters/issues are handled.

Till 30th June 2017, out of total 17440 Tweets received on Twitter Seva, 17421 Tweets (99.9 %) have been resolved.



## **II. MAJOR ACHIEVEMENTS, ACTIVITIES AND PERFORMANCE OF TRAI**

TRAI has played catalytic role in the development of the telecom, broadcasting and cable services. It has been its endeavour to provide an environment, which is fair and transparent, encourages competition, promotes a level-playing field for all service providers, protects the interest of consumers and enables technological benefits to one and all.

Under the TRAI Act, 1997, TRAI is mandated, inter-alia, to ensure compliance of the terms and conditions of license, lay down the standards of quality of service to be provided by the service providers and ensure the quality of service, specify tariff policy and recommend conditions for entry of new service providers as well as terms and conditions of license to a service provider. TRAI's scope of work also includes consideration and decisions on issues relating to monitoring of tariff policy, commercial and technical aspects of interconnection, principles of call routing and call handover, free choice and equal ease of access for the public to different service providers, resolution of conflicts that may arise due to market developments and diverse network structures for various telecom services, need for up-gradation of the existing network and systems, and development of forums for interaction amongst service providers and interaction of TRAI with consumer organizations. During the First quarter of financial year 2017-18 i.e. April - June 2017, TRAI, in discharge of its functions assigned under the Telecom Regulatory Authority of India Act, 1997, has given Recommendations, which are discussed in the following paragraphs:

### **Recommendations**

#### **Recommendations dated 16th May 2017 on "Adoption of e-KYC Service UIDAI for Fixed-Line, Internet and Broadband Connections"**

TRAI on 16th May, 2017 has sent its Recommendations to DoT on "Adoption of e-KYC Service UIDAI for Fixed-Line, Internet and Broadband Connections". DoT has prescribed Customer Application Form (CAF) for verification of new mobile connection using e-KYC services and for re-verification of existing mobile subscribers. So far this requirement has not been prescribed for the customers of Internet, broadband as well as Fixed line.

As the Aadhar based e-KYC authentication is not only fast and reliable but may also result in substantial savings for the industry, the Authority recommended laying down an appropriate format (CAF) for verification/ re-verification of all subscribers (including fixed line) availing internet and broadband services and adoption of Aadhar based e-KYC service, similar to mobile connections, for their verification.

**TRAI's Response dated 24th May 2017 to DoT's reference dated 5th April, 2017 on its Recommendations dated 21st October, 2016 on Violation of the provisions of License agreements and the Standards of Quality of Service of Basic Telephone Service (Wireline) and Cellular Mobile Telephone Service Regulations, 2009 by M/s Bharti Airtel Ltd., M/s Vodafone India Ltd. and M/s Idea Cellular Ltd.**

The Department of Telecommunication on 5th April, 2017 has referred back the TRAI's Recommendations dated 21st October, 2016 on Violation of the provisions of License agreements and the Standards of Quality of Service of Basic Telephone Service (Wireline) and Cellular Mobile Telephone Service Regulations, 2009 by M/s Bharti Airtel Ltd., M/s Vodafone India Ltd. and M/s Idea Cellular Ltd. to provide its reconsidered opinion in the light of comments/observations of the DoT.

TRAI, after due deliberations has finalized its response and forwarded the same to DoT on 24th May, 2017.

**Additional Recommendations dated 14th June, 2017 on "Sale/Rent of International Roaming SIM Cards/Global Calling Cards of foreign operators in India".**

The Department of Telecommunication on 10th March, 2017 requested the TRAI to intimate, if any, additional recommendations on "Sale/Rent of International Roaming SIM Cards/Global Calling Cards of foreign operators in India", which was forwarded to DoT on 9th May, 2016, are planned to be submitted.

TRAI, after due deliberations has finalized additional Recommendations on "Sale/Rent of International Roaming SIM Cards/Global Calling Cards of foreign operators in India", and forwarded the same to DoT on 14th June, 2017.

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*जारीकर्ता: सांख्यिकी अनुभाग, दूरसंचार विभाग*

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