

# India Profile (Latest data available: 2018)

## Various statistics (Latest data available: 2018)

|                                                           |      |
|-----------------------------------------------------------|------|
| Fixed-telephone subscriptions per 100 inhabitants         | 1.6  |
| Mobile-cellular subscriptions per 100 inhabitants         | 86.8 |
| Fixed (wired)-broadband subscriptions per 100 inhabitants | 1.2  |
| Mobile-broadband subscriptions per 100 inhabitants        | 37.5 |
| Households with a computer (%)                            | 16.4 |
| Households with Internet access at home (%)               | 25.4 |
| Individuals using the Internet (%)                        | 34.4 |

## Policy Maker (Latest data available: 2017)

|                                                                                                           |                                                                            |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs | Ministry of Communications & Information, Department of Telecommunications |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|

## Regulatory Authority (Latest data available: 2017)

|                                                                         |                                                                          |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Name of the telecom/ICT regulator                                       | Telecom Regulatory Authority of India                                    |
| Please provide the name of the Head of the Regulatory Authority         | Mr.R.S.Sharma                                                            |
| Please provide the exact title of the Head of the Regulatory Authority. | Chairman                                                                 |
| Legal document creating the regulator                                   | Telecom Regulatory Authority of India Act, 1997                          |
| Year separate regulator created                                         | 1997                                                                     |
| Regulator also regulates other utilities                                | • No                                                                     |
| Regulator autonomous in decision making                                 | Yes                                                                      |
| Who is responsible for approving the budget of the Regulator? [2010]    | Parliament of India                                                      |
| Sources of regulator's budget and % financed from each source           | • Licence fees, percentage: 100,                                         |
| Reporting requirements of the regulator                                 | • Report to Legislature/Parliament<br>• Annual report to Sector Ministry |

## Regulatory Functions (Latest data available: 2017)

|                                                                   |     |
|-------------------------------------------------------------------|-----|
| Entity in charge of licensing2015                                 | S   |
| Entity in charge of interconnection rates2015                     | R   |
| Entity in charge of price regulation2015                          | R   |
| Entity in charge of technical standards setting2015               | S   |
| Entity in charge of radio frequency allocation and assignment2015 | S   |
| Spectrum Monitoring and Enforcement2015                           | S   |
| Entity in charge of numbering2015                                 | S   |
| Entity in charge of type approval2015                             | S   |
| Entity in charge of service quality monitoring2015                | R   |
| Entity in charge of universal service/access2015                  | S   |
| Quality of service standards setting2015                          | S R |

|                                                                              |     |
|------------------------------------------------------------------------------|-----|
| <b>Entity in charge of enforcement of quality of service obligations2015</b> | S R |
| <b>Broadcasting (sound transmission)</b>                                     | S R |
| <b>Entity in charge of broadcasting content</b>                              | S   |
| <b>Entity in charge of Information Technology2015</b>                        | S   |
| <b>Entity in charge of Internet content2015</b>                              | O   |

S: Sector Ministry

O: Other Ministry or Government body

R: Regulatory Authority

Op: Operator

N: Not regulated

M: If more than one entity or another body is involved in this function, please explain

### Level of Competition (Latest data available: 2017)

|                                              |    |
|----------------------------------------------|----|
| <b>Local Fixed Line Services2013</b>         | C* |
| <b>Domestic fixed long distance2013</b>      | C* |
| <b>International Fixed Long Distance2013</b> | C* |
| <b>Mobile2013</b>                            | C* |
| <b>IMT (3G, 4G, etc.)2011</b>                | P  |
| <b>Wireless Local Loop2013</b>               | C* |
| <b>DSL2013</b>                               | C* |
| <b>Cable modem</b>                           | C  |
| <b>Fixed Wireless Broadband2013</b>          | C* |
| <b>Leased Lines2013</b>                      | C* |
| <b>International Gateways2013</b>            | C* |
| <b>Internet Services2013</b>                 | C* |
| <b>Cable Television</b>                      | C* |
| <b>Fixed Satellite Services (FSS)2001</b>    | M  |
| <b>Mobile Satellite Services (MSS)2013</b>   | C  |
| <b>VSAT2013</b>                              | C* |

M: Monopoly

P: Partial competition (year when competition was introduced)

C: Full competition (year when competition was introduced)

N: N/A

### Universal Service - services covered and operator obligations (Latest data available: 2015)

|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Definition of universal service/access exists</b>                     | Yes                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Universal access/service policy adopted</b>                           | Yes                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Voice services included in Universal service/access definition</b>    | <ul style="list-style-type: none"> <li>• Fixed line private residential service as part of universal service definition</li> <li>• Fixed line public payphone service as part of universal service definition</li> <li>• Individual mobile cellular service as part of universal service definition</li> <li>• Public mobile payphone service as part of universal service definition</li> </ul> |
| <b>Internet services included in Universal service/access definition</b> | <ul style="list-style-type: none"> <li>• Broadband as part of universal service definition</li> </ul>                                                                                                                                                                                                                                                                                            |

|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Other services included in Universal service/access definition</b> | <ul style="list-style-type: none"> <li>• Telecentres as part of universal service definition</li> <li>• Schools ;,</li> <li>• Health centres ;,</li> <li>• Emergency services as part of universal service definition</li> <li>• Telecentres as part of universal service definition Explain: i) Creation of Infrastructure for provision of Mobile Services in rural and remote areas ii) Provision of Broadband connectivity to villages in a phased manner iii) Creation of general infrastructure in rural and remote areas for development of telecommunication facilities iv) Introduction of new technological developments in the telecom sector in rural and remote areas.,</li> </ul> |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                            |                                              |
|------------------------------------------------------------|----------------------------------------------|
| <b>Operators under universal access/service obligation</b> | • Obligations allocated on competitive basis |
|------------------------------------------------------------|----------------------------------------------|

|                                                                        |     |
|------------------------------------------------------------------------|-----|
| <b>Operators/service providers required to offer below-cost prices</b> | Yes |
|------------------------------------------------------------------------|-----|

**Financing of Universal Service activities and/or Universal Service Funds (Latest data available: 2015)**

|                                                                            |                           |
|----------------------------------------------------------------------------|---------------------------|
| <b>Means of financing operator(s) universal access/service obligations</b> | • Universal service funds |
|----------------------------------------------------------------------------|---------------------------|

|                                           |     |
|-------------------------------------------|-----|
| <b>Operational Universal Service Fund</b> | Yes |
|-------------------------------------------|-----|

|                             |      |
|-----------------------------|------|
| <b>If Yes, when? [2008]</b> | 2002 |
|-----------------------------|------|

|                                                                   |                                          |
|-------------------------------------------------------------------|------------------------------------------|
| <b>Operators/ service providers required to contribute to USF</b> | • All network/facilities-based operators |
|-------------------------------------------------------------------|------------------------------------------|

|                                                      |                                                       |
|------------------------------------------------------|-------------------------------------------------------|
| <b>Means of calculating USF contribution amounts</b> | • Other Indicate: 5% of Adjusted Gross Revenue (AGR), |
|------------------------------------------------------|-------------------------------------------------------|

|                                      |    |
|--------------------------------------|----|
| <b>USF financed by other sources</b> | No |
|--------------------------------------|----|

|                                                       |  |
|-------------------------------------------------------|--|
| <b>USF budget financing by source (in percentage)</b> |  |
|-------------------------------------------------------|--|

|                                     |    |
|-------------------------------------|----|
| <b>Regulator administrating USF</b> | No |
|-------------------------------------|----|

|                                                  |                                                                                   |
|--------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>If No, name the entity responsible [2012]</b> | Administrator, Universal Service Obligation Fund, Ministry of Communications & IT |
|--------------------------------------------------|-----------------------------------------------------------------------------------|

|                                                                          |    |
|--------------------------------------------------------------------------|----|
| <b>Other financing mechanisms for the provision of Universal service</b> | No |
|--------------------------------------------------------------------------|----|

**If Yes, please explain**