

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

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Dated: January 17, 2019

**Subject: - Monthly Telecom Scenario as on 31st October'18.**

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



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**Copy to:**

Principal Adviser (Economics)  
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# Monthly Telecom Scenario

October'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	October'18	September'18
<b>Total Phones</b>		<b>1192.13</b>	<b>1191.61</b>
Wireline	<b>million</b>	22.02	22.11
Wireless		1170.11	1169.50
Rural		524.76	524.68
Urban		667.37	666.93
Public		131.85	131.68
Private		1060.28	1059.93
Wireline %age to Total Phones		<b>%age</b>	1.85
Wireless %age to Total Phones	98.15		98.14
Rural %age to Total Phones	44.02		44.03
Urban %age to Total Phones	55.98		55.97
Public %age to Total Phones	11.06		11.05
Private %age to Total Phones	88.94		88.95
<b>Overall Teledensity</b>			<b>91.18</b>
Wireline Teledensity	<b>%age</b>	1.68	1.69
Wireless Teledensity		89.49	89.53
Rural Teledensity		58.86	58.89
Urban Teledensity		160.43	160.57
Public		10.08	10.08
Private		81.09	81.14
<b>Teledensity: Top five Circles</b>			
Himachal Pradesh	<b>%age</b>	145.38	145.07
Punjab		125.97	125.66
Kerala		125.07	124.92
Tamil Nadu		117.37	117.16
Karnataka		110.87	110.66
<b>Teledensity: Metros</b>			
Delhi	<b>%age</b>	236.14	234.97
Kolkata		169.95	169.55
Mumbai		164.50	163.93
<b>Broadband</b>	<b>million</b>	<b>-</b>	<b>481.70</b>



At the end of October'18, the total number of telephones was 1192.13 million, compared to 1191.61 million by the end of September'18 showing an increase of 0.52 million. Maximum rise in total telephone connections was recorded in Madhya Pradesh (14415058) followed by Uttar Pradesh - [East] (4679347) and Delhi (394147). However, Maharashtra, Uttar Pradesh - [West] and Gujarat recorded a fall in telephone connections over previous month, with a decrease of 14620043, 5100061 & 287811 respectively.

Total Telephones : Service Area wise								
Service Area	March'18	April'18	May'18	June'18	July'18	August'18	September'18	October'18
ANDHRA PRADESH	87241623	87972697	86041407	87132426	87447489	88039871	87893349	88190844
ASSAM	25516825	25946488	20735274	21167817	21533213	21693336	21743191	21792126
BIHAR	88930443	89782944	83006614	84856104	86757474	87783481	87767392	87695035
GUJARAT	73195847	73254343	72021557	72044369	71582535	71852115	71525637	71237826
HARYANA	23885096	26891430	26967918	27419180	27761277	28022120	27826181	27751096
HIMACHAL PRADESH	12578747	9914485	10038773	10209877	10377745	10465805	10498584	10526718
JAMMU & KASHMIR	13839800	14241662	10890338	11163003	11547024	11374579	11436226	11515318
KARNATAKA	69221205	69914000	67903992	68878202	69925268	70381285	70519039	70703377
KERALA	43975326	44346323	44340211	44945671	44974167	45185874	45282718	45356819
MADHYA PRADESH	71471417	72568344	73128238	74595496	75958226	76919477	77537006	91952064
MAHARASHTRA	96334317	96505211	95142369	95877056	96056771	96509279	96101098	81481055
NORTH-EAST	13974925	14516831	11461081	11685884	11875670	11973597	11883974	11902920
ORISSA	34649966	35151325	31688695	32217720	33145196	33417343	33374266	33310487
PUNJAB	39002089	39299898	38811481	39322840	39884712	40027400	39908346	40040440
RAJASTHAN	65840348	66706229	61603897	62591756	63605758	64150970	66436702	66410322
TAMIL NADU	98012845	100432426	82100944	83511141	83249996	83826747	84427883	84611490
UTTAR PRADESH - [East]	104613364	105889423	100258186	101752705	101691377	102499940	102407609	107086956
UTTAR PRADESH - [West]	63791171	64638595	64333647	63893659	64934694	65140662	64854354	59754293
WEST BENGAL	59153123	60267730	56556782	57665459	58835060	58899028	58695870	58628528
KOLKATA	29606310	30322376	26468509	26888086	27177176	27449773	27572300	27658584
DELHI	57453739	58314198	52136504	52807164	53153069	53654906	53799999	54194146
MUMBAI	39507941	39988041	37900004	38382354	37964098	39899952	40123217	40329787
<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>

1 Source: BSNL/MTNL/COAI

Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.98%) followed by Madhya Pradesh (7.71%), Andhra Pradesh (7.40%), Bihar (7.36%) and Tamil Nadu (7.10%). These five Service areas taken together accounted for 38.55% of total telephone connections in India.

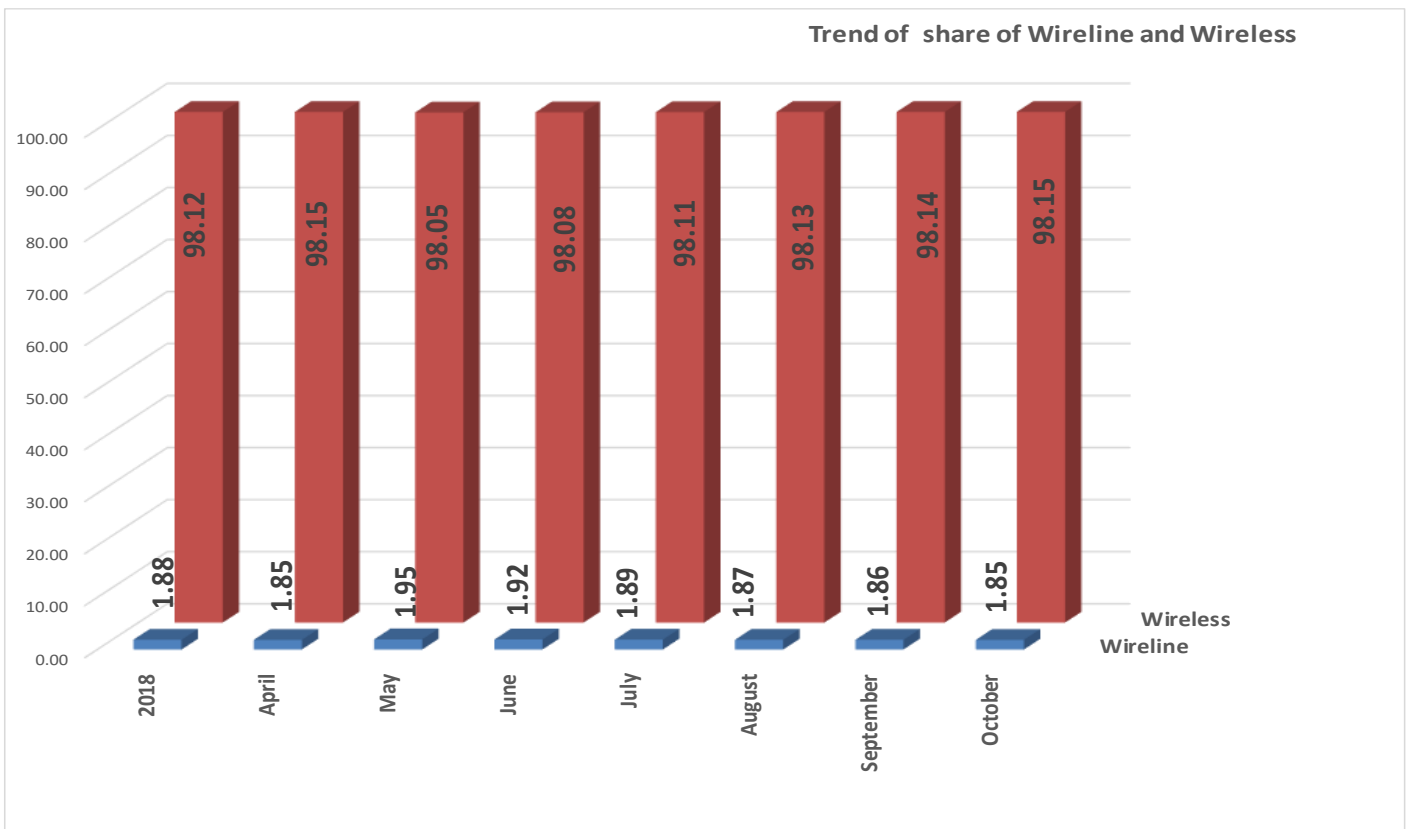
<b>Telephones during the month of October'18</b>				
<b>Service Area</b>	<b>Wireline</b>	<b>Wireless</b>	<b>Total Phones</b>	<b>%age Share Total Phones</b>
<b>ANDHRA PRADESH</b>	1431988	86758856	<b>88190844</b>	<b>7.40</b>
<b>ASSAM</b>	124190	21667936	<b>21792126</b>	<b>1.83</b>
<b>BIHAR</b>	242725	87452310	<b>87695035</b>	<b>7.36</b>
<b>GUJARAT</b>	1226357	70011469	<b>71237826</b>	<b>5.98</b>
<b>HARYANA</b>	284253	27466843	<b>27751096</b>	<b>2.33</b>
<b>HIMACHAL PRADESH</b>	119255	10407463	<b>10526718</b>	<b>0.88</b>
<b>JAMMU &amp; KASHMIR</b>	106883	11408435	<b>11515318</b>	<b>0.97</b>
<b>KARNATAKA</b>	2176169	68527208	<b>70703377</b>	<b>5.93</b>
<b>KERALA</b>	1911674	43445145	<b>45356819</b>	<b>3.80</b>
<b>MADHYA PRADESH</b>	927478	91024586	<b>91952064</b>	<b>7.71</b>
<b>MAHARASHTRA</b>	1512606	79968449	<b>81481055</b>	<b>6.83</b>
<b>NORTH-EAST</b>	107360	11795560	<b>11902920</b>	<b>1.00</b>
<b>ORISSA</b>	242959	33067528	<b>33310487</b>	<b>2.79</b>
<b>PUNJAB</b>	805668	39234772	<b>40040440</b>	<b>3.36</b>
<b>RAJASTHAN</b>	561767	65848555	<b>66410322</b>	<b>5.57</b>
<b>TAMIL NADU</b>	2239313	82372177	<b>84611490</b>	<b>7.10</b>
<b>UTTAR PRADESH - [East]</b>	476941	106610015	<b>107086956</b>	<b>8.98</b>
<b>UTTAR PRADESH - [West]</b>	291949	59462344	<b>59754293</b>	<b>5.01</b>
<b>WEST BENGAL</b>	251133	58377395	<b>58628528</b>	<b>4.92</b>
<b>KOLKATA</b>	740509	26918075	<b>27658584</b>	<b>2.32</b>
<b>DELHI</b>	3195438	50998708	<b>54194146</b>	<b>4.55</b>
<b>MUMBAI</b>	3046879	37282908	<b>40329787</b>	<b>3.38</b>
<b>TOTAL</b>	<b>22023494</b>	<b>1170106737</b>	<b>1192130231</b>	<b>100.00</b>

1 Source: BSNL/MTNL/COAI

The overall tele-density at the end of October'18 was 91.18%. Among the Service areas, Himachal Pradesh (145.38%) had the highest tele-density followed by Punjab (125.97%), Kerala (125.07%), Tamil Nadu (117.37%) and Karnataka (110.87%). Among the three metros, Delhi Service Area topped in tele-density with 236.14%, followed by Kolkata (169.95%) and Mumbai (164.50%).

Teledensity : Service Area wise (in %age)								
Service Area	March'18	April'18	May'18	June'18	July'18	August'18	September'18	October'18
ANDHRA PRADESH	97.21	97.97	95.76	96.92	97.21	97.81	97.59	97.86
ASSAM	76.87	78.10	62.35	63.60	64.64	65.07	65.16	65.25
BIHAR	63.16	63.71	58.85	60.11	61.40	62.07	62.00	61.90
GUJARAT	112.45	112.44	110.45	110.39	109.58	109.89	109.30	108.76
HARYANA	84.44	94.97	95.13	96.62	97.71	98.52	97.72	97.36
HIMACHAL PRADESH	174.46	137.41	139.06	141.33	143.58	144.70	145.07	145.38
JAMMU & KASHMIR	109.19	112.28	85.79	87.88	90.83	89.40	89.82	90.37
KARNATAKA	109.05	110.07	106.83	108.30	109.87	110.51	110.66	110.87
KERALA	121.61	122.59	122.52	124.14	124.17	124.70	124.92	125.07
MADHYA PRADESH	67.02	67.98	68.43	69.73	70.93	71.75	72.25	85.59
MAHARASHTRA	95.50	95.59	94.16	94.82	94.92	95.29	94.81	80.32
NORTH-EAST	98.06	101.77	80.28	81.79	83.05	83.66	82.97	83.03
ORISSA	80.28	81.40	73.33	74.51	76.61	77.19	77.04	76.85
PUNJAB	123.45	124.28	122.63	124.14	125.80	126.15	125.66	125.97
RAJASTHAN	87.83	88.89	82.01	83.23	84.50	85.13	88.07	87.95
TAMIL NADU	136.36	139.67	114.13	116.04	115.63	116.38	117.16	117.37
UTTAR PRADESH - [East]	71.36	72.17	69.57	69.93	70.26	70.60	70.36	70.10
UTTAR PRADESH - [West]								
WEST BENGAL	73.73	75.07	70.40	71.74	73.14	73.18	72.88	72.75
KOLKATA	182.97	187.23	163.31	165.76	167.40	168.94	169.55	169.95
DELHI	254.49	257.69	229.85	232.25	233.23	234.88	234.97	236.14
MUMBAI	163.01	164.72	155.86	157.58	155.62	163.28	163.93	164.50
<b>TOTAL</b>	<b>93.27</b>	<b>94.34</b>	<b>88.62</b>	<b>89.73</b>	<b>90.45</b>	<b>91.11</b>	<b>91.22</b>	<b>91.18</b>
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 98.15% by the end of October'18. The share of wireline telephones stood at 1.85%.

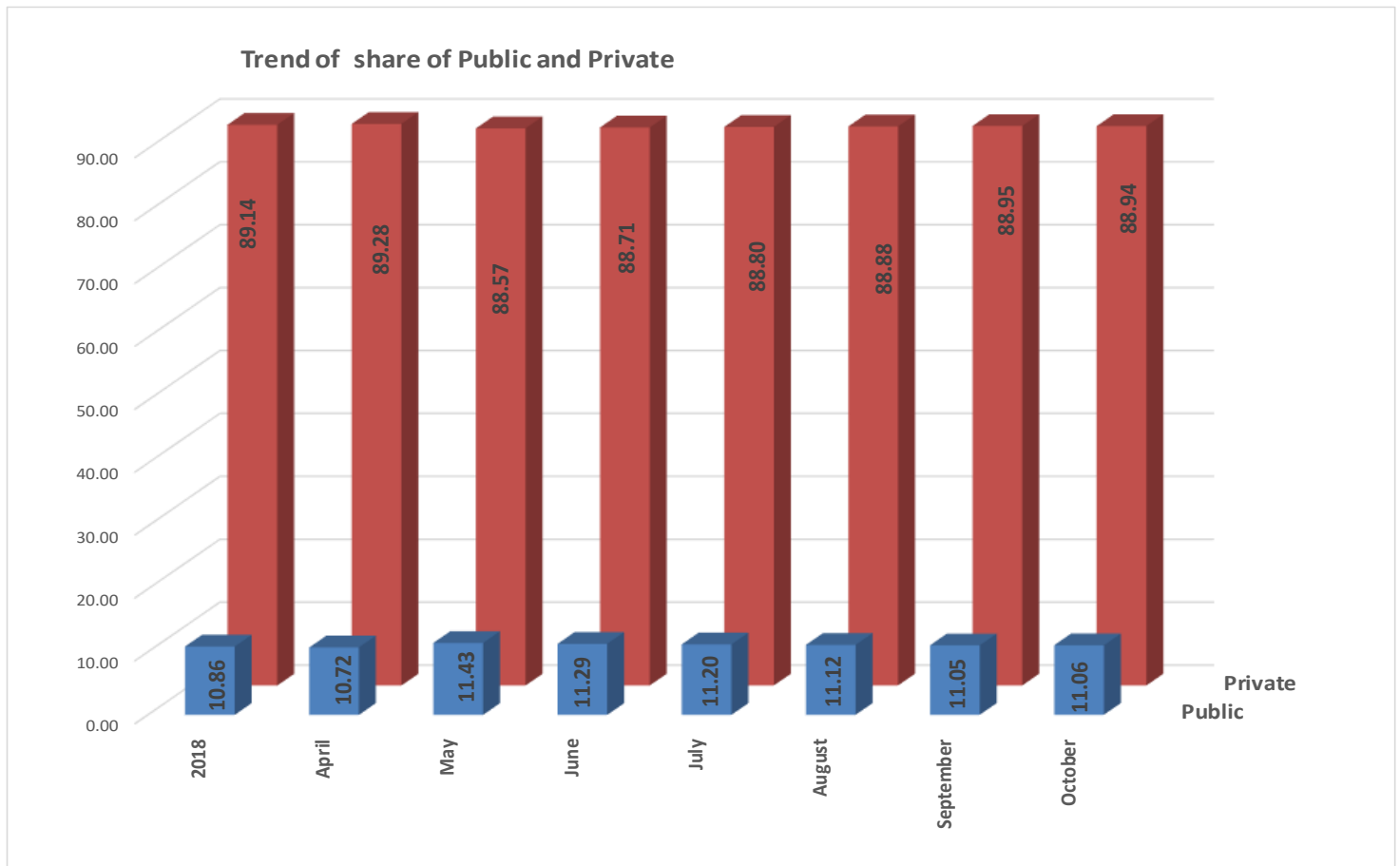


**Telephones: Wireline vs Wireless**

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



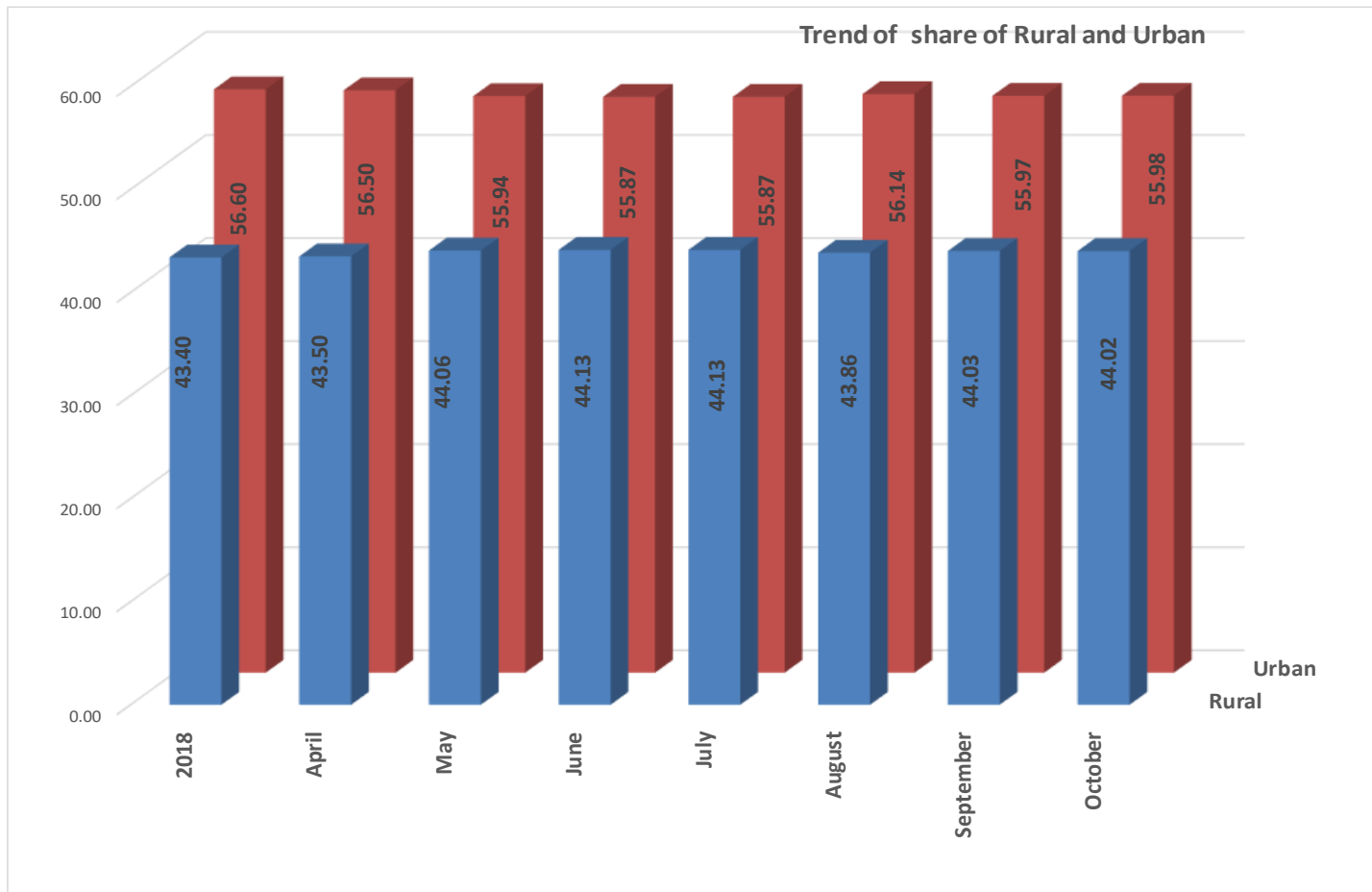
☞ In October'18, share of public sector in total telephones was 11.06%, as against 88.94% share of the private sector. In September'18, it was 11.05% and 88.95% respectively.



**Telephones: Public vs. Private**

Year ending 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

☞ Share of rural areas in total telephones decreased to 44.02% in October'18, against 44.03% of September'18. The share of urban areas, on the other hand, increased to 55.98% from 55.97% in September'18.



### Telephones: Rural vs. Urban

Year ending 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

☞ Overall teledensity as on October'18 stood at 91.18%. It was 91.22% in September'18. The Teledensity for wireless segment was 89.49% whereas that of wireline segment is 1.68%. Teledensity reported in rural areas was 58.86% and that in the urban areas was 160.43%. In Public sector, teledensity was 10.08% and in Private sector, it was 81.09% for the month of October'18.

Year ending 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

☞ 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 showing 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.

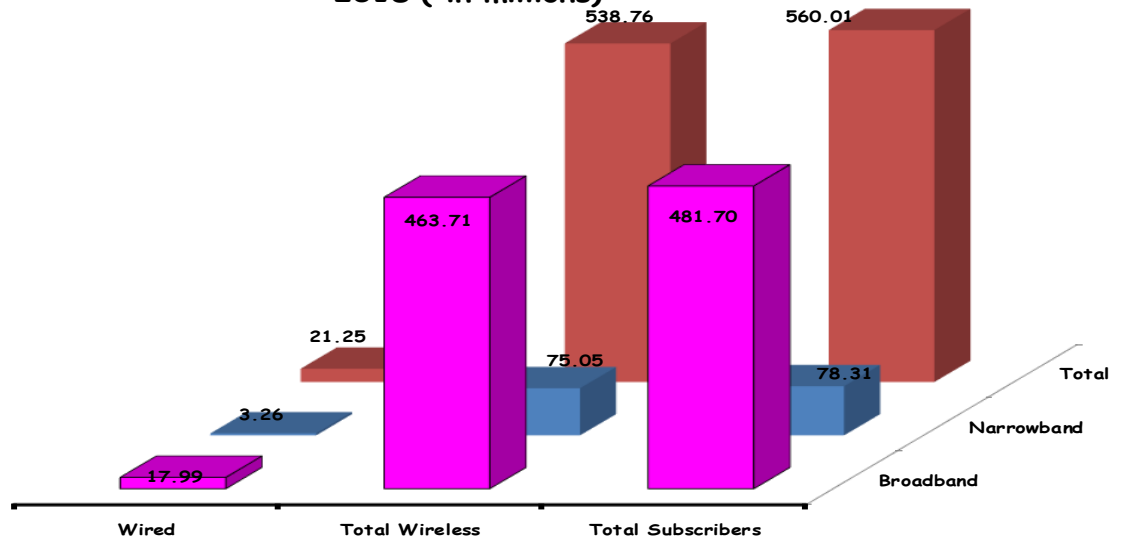
**Trend of Internet Subscribers**

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 481.70 million at the end of September'18 as compared to 463.65 million in August'18, showing an increase of 3.89%.

<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

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