

**No. 18-06/2016-STT(T) Pt.II**  
**Government of India**  
**Ministry of Communication**  
**DEPARTMENT OF TELECOM**  
**(STT - Section)**

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Dated: October 03, 2019

**Subject: - Monthly Telecom Scenario as on 31st July'19.**

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to July'19.



**Director (ERU-STT)**

**Telephone No.: 23218848**

Secretary-DOT

Member (F)

Member (S)

Member (T)

Adviser (F)

Adviser (T)

ALL Sr. DDG's & DDGs' – (Actts)/ (TPF) /(AKS)/(AS)/(BB-

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/(Security)/(SU)/ (Tech)/(TEC)/(TERM)/(WPF)

**Copy to:**

Senior Economic Adviser

Economic Adviser



# Monthly Telecom Scenario

July'19



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	July'19	June'19
<b>Total Phones</b>		<b>1189.28</b>	<b>1186.53</b>
Wireline	<b>million</b>	20.96	21.17
Wireless		1168.32	1165.36
Rural		511.09	511.00
Urban		678.19	675.53
Public		133.58	133.39
Private		1055.70	1053.14
Wireline %age to Total Phones		<b>%age</b>	1.76
Wireless %age to Total Phones	98.24		98.22
Rural %age to Total Phones	42.97		43.07
Urban %age to Total Phones	57.03		56.93
Public %age to Total Phones	11.23		11.24
Private %age to Total Phones	88.77		88.76
<b>Overall Teledensity</b>			<b>90.23</b>
Wireline Teledensity	<b>%age</b>	1.59	1.61
Wireless Teledensity		88.64	88.49
Rural Teledensity		57.01	57.04
Urban Teledensity		160.87	160.47
Public		10.14	10.13
Private		80.10	79.97
<b>Teledensity: Top five Circles</b>			
Himachal Pradesh	<b>%age</b>	147.55	146.70
Kerala		127.15	126.76
Punjab		125.24	125.22
Tamil Nadu		116.48	116.33
Karnataka		109.81	109.64
<b>Teledensity: Metros</b>			
Delhi	<b>%age</b>	241.28	240.53
Mumbai		166.31	166.20
Kolkata		164.41	164.78
<b>Broadband</b>	<b>million</b>	<b>604.12</b>	<b>594.59</b>



At the end of July'19, the total number of telephones was 1189.28 million, compared to 1186.53 million by the end of June'19, showing an increase of 2.75 million. Maximum rise in total telephone connections was recorded in Maharashtra (561735) followed by Rajasthan (452255) and Andhra Pradesh (329993). However, Madhya Pradesh, Uttar Pradesh - [East] and Gujarat recorded a fall in telephone connections over previous month, with a decrease of 128520, 127933 & 117367 respectively.

<b>Total Telephones : Service Area wise</b>					
<b>Service Area</b>	<b>March'19</b>	<b>April'19</b>	<b>May'19</b>	<b>June'19</b>	<b>July'19</b>
<b>ANDHRA PRADESH</b>	88170245	88005801	87772495	88346463	88676456
<b>ASSAM</b>	23080711	23426284	23505762	23654357	23890306
<b>BIHAR</b>	85308742	85632929	85736314	85786473	85735615
<b>GUJARAT</b>	70534207	69856023	70087384	70026992	69909625
<b>HARYANA</b>	27990960	27886734	28015983	28162818	28215673
<b>HIMACHAL PRADESH</b>	10630749	10591921	10641770	10673781	10743442
<b>JAMMU &amp; KASHMIR</b>	11437233	11452673	11441112	11580370	11696187
<b>KARNATAKA</b>	70398285	69680955	69780523	70274172	70424508
<b>KERALA</b>	45840356	45979276	45904226	46116150	46276578
<b>MADHYA PRADESH</b>	75718114	76066495	76251601	76170526	76042006
<b>MAHARASHTRA</b>	94548392	94533229	94185011	94213729	94775464
<b>NORTH-EAST</b>	12115134	11988972	12082247	12136007	12282647
<b>ORISSA</b>	32930410	32581015	32761956	32960432	33137307
<b>PUNJAB</b>	40014807	40000402	39954333	40076000	40117308
<b>RAJASTHAN</b>	64774956	65239401	65545977	65679103	66131358
<b>TAMIL NADU</b>	84480470	84400843	84154586	84142426	84279751
<b>UTTAR PRADESH - [East]</b>	99449999	100076523	99691849	100235544	100107611
<b>UTTAR PRADESH - [West]</b>	64887552	64964997	64766668	65160805	65284678
<b>WEST BENGAL</b>	57719640	57551550	56670731	56621352	56679312
<b>KOLKATA</b>	27047850	27036593	26981101	26993467	26954220
<b>DELHI</b>	55394424	55749272	56100399	56241303	56548361
<b>MUMBAI</b>	40934182	40966369	40987394	41276410	41371677
<b>TOTAL</b>	<b>1183407418</b>	<b>1183668257</b>	<b>1183019422</b>	<b>1186528680</b>	<b>1189280090</b>

1 Source: BSNL/MTNL/COAI



Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.42%) followed by Maharashtra (7.97%), Andhra Pradesh (7.46%), Bihar (7.21%) and Tamil Nadu (7.09%). These five Service areas taken together accounted for 38.15% of total telephone connections in India.

Telephones during the month of July'19				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1358527	87317929	<b>88676456</b>	<b>7.46</b>
ASSAM	107414	23782892	<b>23890306</b>	<b>2.01</b>
BIHAR	180649	85554966	<b>85735615</b>	<b>7.21</b>
GUJARAT	1095050	68814575	<b>69909625</b>	<b>5.88</b>
HARYANA	260329	27955344	<b>28215673</b>	<b>2.37</b>
HIMACHAL PRADESH	107610	10635832	<b>10743442</b>	<b>0.90</b>
JAMMU & KASHMIR	101706	11594481	<b>11696187</b>	<b>0.98</b>
KARNATAKA	2112876	68311632	<b>70424508</b>	<b>5.92</b>
KERALA	1838988	44437590	<b>46276578</b>	<b>3.89</b>
MADHYA PRADESH	907542	75134464	<b>76042006</b>	<b>6.39</b>
MAHARASHTRA	1441916	93333548	<b>94775464</b>	<b>7.97</b>
NORTH-EAST	99244	12183403	<b>12282647</b>	<b>1.03</b>
ORISSA	225354	32911953	<b>33137307</b>	<b>2.79</b>
PUNJAB	744024	39373284	<b>40117308</b>	<b>3.37</b>
RAJASTHAN	512274	65619084	<b>66131358</b>	<b>5.56</b>
TAMIL NADU	2117581	82162170	<b>84279751</b>	<b>7.09</b>
UTTAR PRADESH - [East]	409133	99698478	<b>100107611</b>	<b>8.42</b>
UTTAR PRADESH - [West]	285860	64998818	<b>65284678</b>	<b>5.49</b>
WEST BENGAL	194175	56485137	<b>56679312</b>	<b>4.77</b>
KOLKATA	681650	26272570	<b>26954220</b>	<b>2.27</b>
DELHI	3280200	53268161	<b>56548361</b>	<b>4.75</b>
MUMBAI	2902615	38469062	<b>41371677</b>	<b>3.48</b>
<b>TOTAL</b>	<b>20964717</b>	<b>1168315373</b>	<b>1189280090</b>	<b>100.00</b>

1 Source: BSNL/MTNL/COAI



The overall tele-density at the end of July'19 stood at 90.23%. Among the Service areas, Himachal Pradesh (147.55%) had the highest tele-density followed by Kerala (127.15%), Punjab (125.24%), Tamil Nadu (116.48%) and Karnataka (109.81%). Among the three metros, Delhi Service Area topped in tele-density with 241.28%, followed by Mumbai (166.31%) and Kolkata (164.41%).

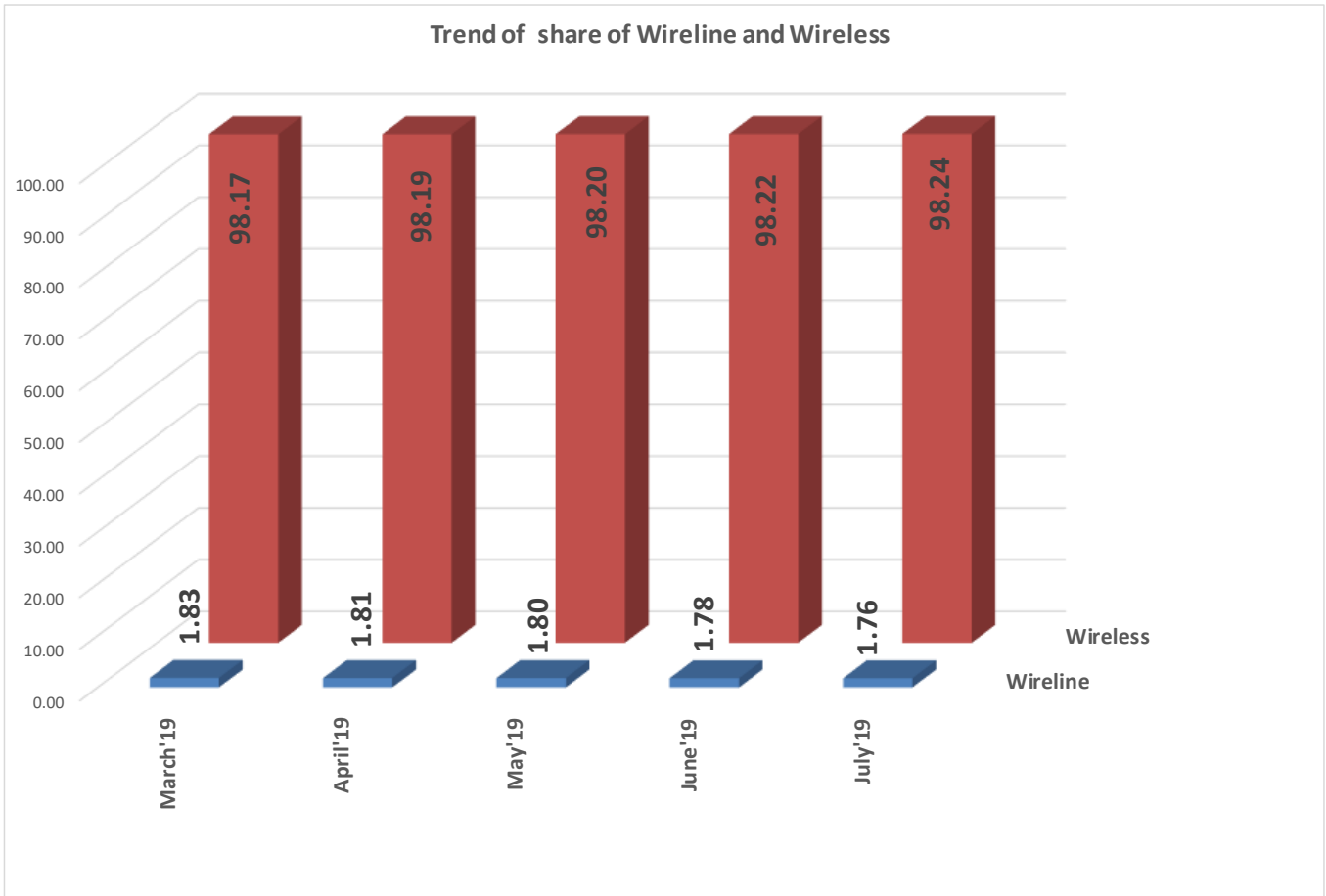
Teledensity : Service Area wise (in %age)					
Service Area	March'19	April'19	May'19	June'19	July'19
ANDHRA PRADESH	97.55	97.32	97.00	97.58	97.89
ASSAM	68.81	69.78	69.96	70.34	70.98
BIHAR	59.95	60.12	60.15	60.13	60.04
GUJARAT	107.21	106.09	106.35	106.17	105.90
HARYANA	97.66	97.19	97.54	97.94	98.02
HIMACHAL PRADESH	146.37	145.73	146.34	146.70	147.55
JAMMU & KASHMIR	89.43	89.49	89.33	90.36	91.20
KARNATAKA	110.04	108.85	108.94	109.64	109.81
KERALA	126.15	126.48	126.22	126.76	127.15
MADHYA PRADESH	70.11	70.36	70.47	70.32	70.13
MAHARASHTRA	92.83	92.75	92.33	92.29	92.77
NORTH-EAST	84.17	83.22	83.81	84.11	85.07
ORISSA	75.74	74.90	75.27	75.68	76.04
PUNJAB	125.35	125.19	124.94	125.22	125.24
RAJASTHAN	85.34	85.86	86.18	86.26	86.77
TAMIL NADU	116.94	116.79	116.40	116.33	116.48
UTTAR PRADESH - [East]	68.63	68.85	68.52	68.83	68.75
UTTAR PRADESH - [West]					
WEST BENGAL	71.39	71.14	70.00	69.90	69.92
KOLKATA	165.51	165.31	164.83	164.78	164.41
DELHI	238.57	239.54	240.49	240.53	241.28
MUMBAI	165.62	165.49	165.31	166.20	166.31
<b>TOTAL</b>	<b>90.10</b>	<b>90.04</b>	<b>89.91</b>	<b>90.10</b>	<b>90.23</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.



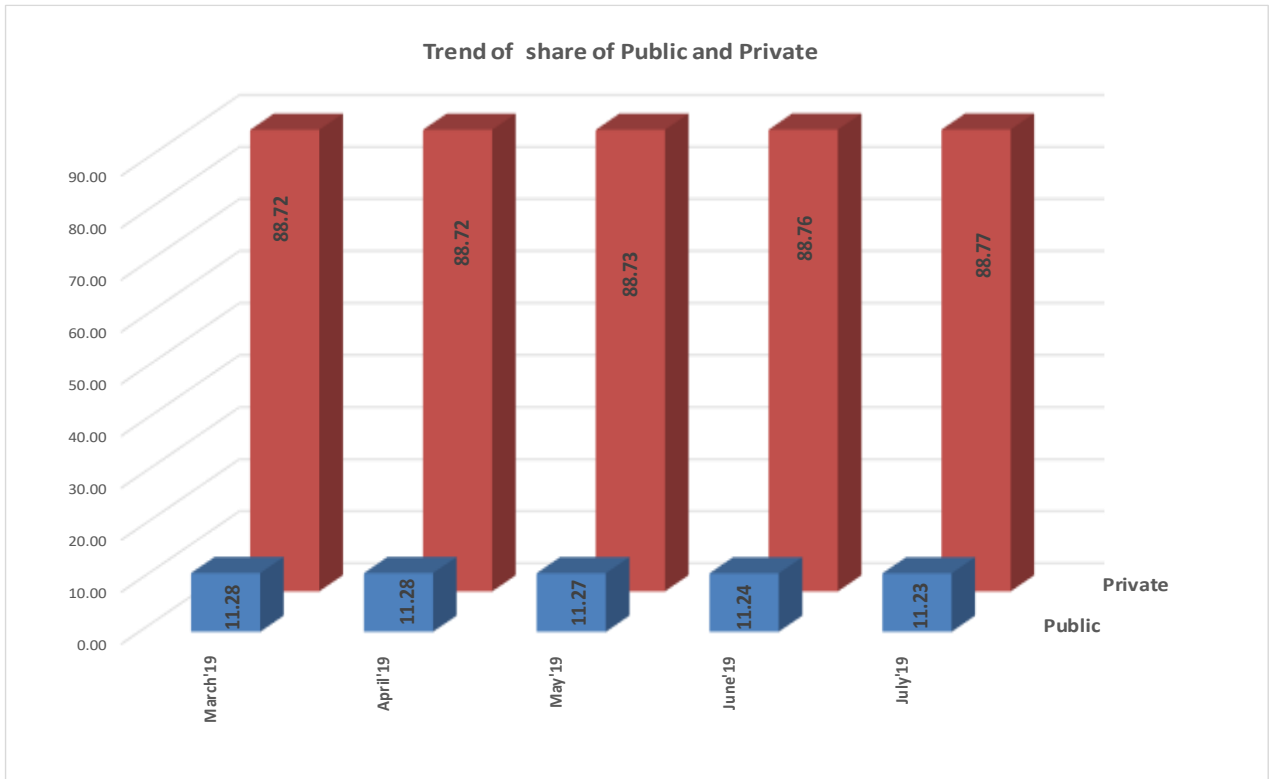
☞ The share of wireless segment in total connections stood at 98.24% by the end of July'19, while the share of wireline telephones was 1.76%.



**Telephones: Wireline vs Wireless (2019-20)**

Month	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
March'19	21695946	1161711472	1183407418	-21974550	1.83	98.17	-0.09	-1.85	-1.82
<b>2019-20</b>									
April'19	21472015	1162196242	1183668257	260839	1.81	98.19	-1.03	0.04	0.02
May'19	21289148	1161730274	1183019422	-648835	1.80	98.20	-0.85	-0.04	-0.05
June'19	21169532	1165359148	1186528680	3509258	1.78	98.22	-0.56	0.31	0.30
July'19	20964717	1168315373	1189280090	2751410	1.76	98.24	-0.97	0.25	0.23

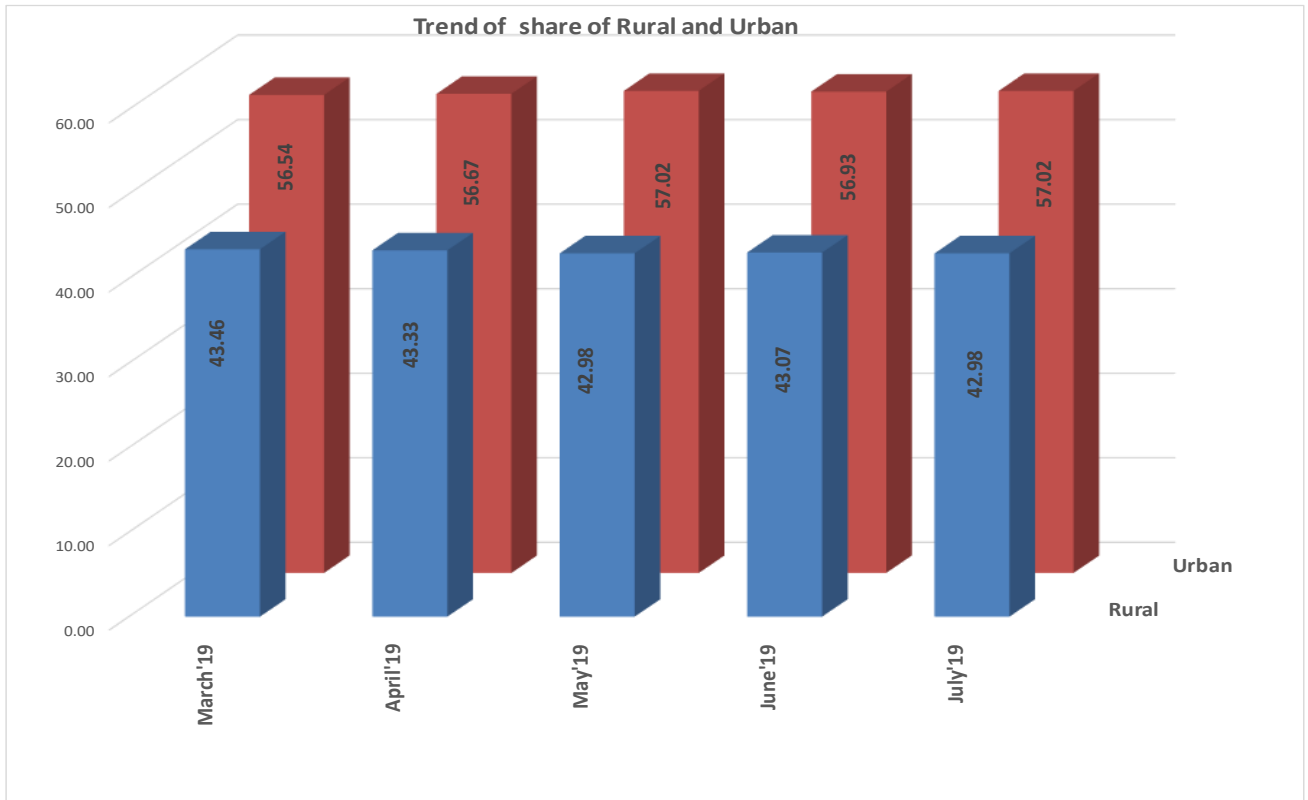
☞ In July'19, share of public sector in total telephones was 11.23%, as against 88.77% of the private sector. In June'19, it was 11.24% and 88.76% respectively.



### Telephones: Public vs. Private (2019-20)

Month	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
March'19	133507010	1049900408	1183407418	-710623	-21263927	11.28	88.72	-0.53	-1.99
<b>2019-20</b>									
April'19	133496437	1050171820	1183668257	-10573	271412	11.28	88.72	-0.01	0.03
May'19	133274353	1049745069	1183019422	-222084	-426751	11.27	88.73	-0.17	-0.04
June'19	133389198	1053139482	1186528680	114845	3394413	11.24	88.76	0.09	0.32
July'19	133584299	1055695791	1189280090	195101	2556309	11.23	88.77	0.15	0.24

☞ Share of rural areas in total telephones decreased to 42.98% in July'19 against 43.07% of June'19. The share of urban areas, on the other hand, increased to 57.03% in July'19 from 56.93% in June'19.



### Telephones: Rural vs. Urban (2019-20)

Month	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
March'19	514266285	669141133	1183407418	-12160321	-9814229	43.46	56.54	-2.31	-1.45
<b>2019-20</b>									
April'19	512841024	670827233	1183668257	-1425261	1686100	43.33	56.67	-0.28	0.25
May'19	508423677	674595745	1183019422	-4417347	3768512	42.98	57.02	-0.86	0.56
June'19	511002667	675526013	1186528680	2578990	930268	43.07	56.93	0.51	0.14
July'19	511093137	678186953	1189280090	90470	2660940	42.98	57.02	0.02	0.39

- Overall teledensity for the month of July'19 stood at 90.23% as against 90.10% in June'19. The Teledensity for wireless segment was 88.64% whereas that of wireline segment is 1.59%. Teledensity reported in rural areas was 57.01% and that in the urban areas was 160.87%. In Public sector, teledensity was 10.14% and in Private sector, it was 80.10% for the month of July'19.

**Tele-density (2019-20)**

Month	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
<b>March'19</b>	57.50	159.66	<b>90.10</b>	1.65	88.45	10.16	79.94
<b>2019-20</b>							
<b>April'19</b>	57.31	159.83	<b>90.04</b>	1.63	88.41	10.16	79.89
<b>May'19</b>	56.78	160.49	<b>89.91</b>	1.62	88.30	10.13	79.78
<b>June'19</b>	57.04	160.47	<b>90.10</b>	1.61	88.49	10.13	79.97
<b>July'19</b>	57.01	160.87	<b>90.23</b>	1.59	88.64	10.14	80.10

The number of Internet subscribers (both broadband and narrowband put together) which was 493.95 million at the end of March, 2018 increased to 665.35 million by the end of June'19 registering a quarterly growth of 4.49% over January-March'19. The number of subscribers accessing internet via wireless phones was 643.70 million at the end of June'19. The number of wired Internet subscribers was 21.65 million at the end of June'19.

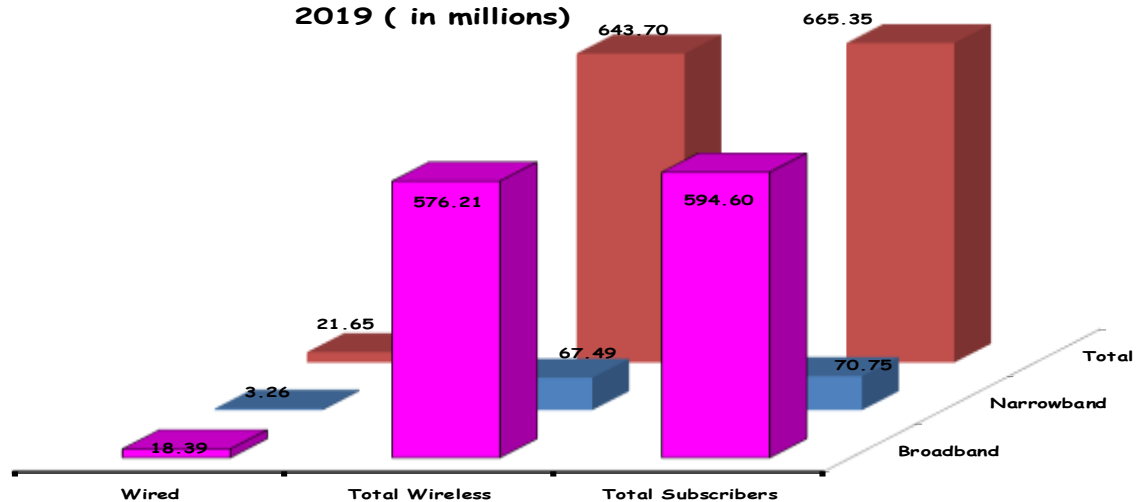
### Trend of Internet Subscribers

Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	March'18	June'18	September'18	December'18	March'19	June'19
	493.95	512.27	560.01	604.21	636.74	665.35
Quarterly Growth (in Percentage)	10.76	3.71	9.32	7.89	5.38	4.49

Internet Subscriber Base in India - June'19 * (in million)			
Segment	Wired	Total Wireless	Total
Broadband	18.39	576.21	594.60
Narrowband	3.26	67.49	70.75
<b>Total</b>	<b>21.65</b>	<b>643.70</b>	<b>665.35</b>

\* As per the TRAI input

### Internet Subscribers - June 2019 (in millions)



The number of Broadband subscribers was 604.12 million at the end of July'19 as compared to 594.59 million in June'19, showing an increase of 1.60%.

Broadband Subscribers in India * (In million)				
At the end of	Wired	Total Wireless	Total Subscribers	% growth
January'19	18.27	521.77	540.04	4.14
February'19	18.29	531.95	550.24	1.89
March'19	18.42	544.89	563.31	2.38
April'19	18.41	553.53	571.94	1.53
May'19	18.45	563.06	581.51	1.67
June'19	18.42	576.17	594.59	2.25
July'19	18.52	585.6	604.12	1.60

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