

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

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Dated: November 06, 2019

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

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



(Basant Kumar)

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Secretary-DOT

Member (F)

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Adviser (F)

Adviser (T)

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:**

Senior Economic Adviser

Economic Adviser



# Monthly Telecom Scenario

August'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	August'19	July'19
<b>Total Phones</b>		<b>1191.79</b>	<b>1189.28</b>
Wireline	<b>million</b>	20.82	20.96
Wireless		1170.98	1168.32
Rural		510.99	511.09
Urban		680.80	678.19
Public		133.16	133.58
Private		1058.63	1055.70
Wireline %age to Total Phones		<b>%age</b>	1.75
Wireless %age to Total Phones	98.25		98.24
Rural %age to Total Phones	42.88		42.97
Urban %age to Total Phones	57.12		57.03
Public %age to Total Phones	11.17		11.23
Private %age to Total Phones	88.83		88.77
<b>Overall Teledensity</b>		<b>90.34</b>	<b>90.23</b>
Wireline Teledensity	<b>%age</b>	1.58	1.59
Wireless Teledensity		88.76	88.64
Rural Teledensity		56.97	57.01
Urban Teledensity		161.25	160.87
Public		10.09	10.14
Private		80.25	80.10
<b>Teledensity: Top five Circles</b>			
Himachal Pradesh	<b>%age</b>	148.61	147.55
Kerala		127.53	127.15
Punjab		126.48	125.24
Tamil Nadu		116.77	116.48
Karnataka		110.61	109.81
<b>Teledensity: Metros</b>			
Delhi	<b>%age</b>	241.87	241.28
Mumbai		167.43	166.31
Kolkata		164.54	164.41
<b>Broadband</b>	<b>million</b>	<b>615.43</b>	<b>604.12</b>

At the end of August'19, the total number of telephones was 1191.79 million, compared to 1189.28 million by the end of July'19, showing an increase of 2.51 million. Maximum rise in total telephone connections was recorded in Karnataka (559233) followed by Uttar Pradesh - [East] (452777) and Punjab (432384). However, Orissa, Jammu & Kashmir and Gujarat recorded a fall in telephone connections over previous month, with a decrease of 411027, 131261 & 103606 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>August'19</b>
<b>ANDHRA PRADESH</b>	88170245	88005801	87772495	88346463	88676456	88861040
<b>ASSAM</b>	23080711	23426284	23505762	23654357	23890306	23956868
<b>BIHAR</b>	85308742	85632929	85736314	85786473	85735615	85650504
<b>GUJARAT</b>	70534207	69856023	70087384	70026992	69909625	69806019
<b>HARYANA</b>	27990960	27886734	28015983	28162818	28215673	28393309
<b>HIMACHAL PRADESH</b>	10630749	10591921	10641770	10673781	10743442	10825956
<b>JAMMU &amp; KASHMIR</b>	11437233	11452673	11441112	11580370	11696187	11564926
<b>KARNATAKA</b>	70398285	69680955	69780523	70274172	70424508	70983741
<b>KERALA</b>	45840356	45979276	45904226	46116150	46276578	46432490
<b>MADHYA PRADESH</b>	75718114	76066495	76251601	76170526	76042006	76157729
<b>MAHARASHTRA</b>	94548392	94533229	94185011	94213729	94775464	94804386
<b>NORTH-EAST</b>	12115134	11988972	12082247	12136007	12282647	12336929
<b>ORISSA</b>	32930410	32581015	32761956	32960432	33137307	32726280
<b>PUNJAB</b>	40014807	40000402	39954333	40076000	40117308	40549692
<b>RAJASTHAN</b>	64774956	65239401	65545977	65679103	66131358	66137356
<b>TAMIL NADU</b>	84480470	84400843	84154586	84142426	84279751	84525637
<b>UTTAR PRADESH - [East]</b>	99449999	100076523	99691849	100235544	100107611	100560388
<b>UTTAR PRADESH - [West]</b>	64887552	64964997	64766668	65160805	65284678	65229975
<b>WEST BENGAL</b>	57719640	57551550	56670731	56621352	56679312	56756145
<b>KOLKATA</b>	27047850	27036593	26981101	26993467	26954220	26998706
<b>DELHI</b>	55394424	55749272	56100399	56241303	56548361	56818705
<b>MUMBAI</b>	40934182	40966369	40987394	41276410	41371677	41716177
<b>TOTAL</b>	<b>1183407418</b>	<b>1183668257</b>	<b>1183019422</b>	<b>1186528680</b>	<b>1189280090</b>	<b>1191792958</b>

1 Source: BSNL/MTNL/COAI



Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.44%) followed by Maharashtra (7.95%), Andhra Pradesh (7.46%), Bihar (7.19%) and Tamil Nadu (7.09%). These five Service areas taken together accounted for 38.13% of total telephone connections in India.

<b>Telephones during the month of August'19</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>	1339267	87521773	<b>88861040</b>	<b>7.46</b>
<b>ASSAM</b>	106014	23850854	<b>23956868</b>	<b>2.01</b>
<b>BIHAR</b>	176811	85473693	<b>85650504</b>	<b>7.19</b>
<b>GUJARAT</b>	1090293	68715726	<b>69806019</b>	<b>5.86</b>
<b>HARYANA</b>	258352	28134957	<b>28393309</b>	<b>2.38</b>
<b>HIMACHAL PRADESH</b>	106231	10719725	<b>10825956</b>	<b>0.91</b>
<b>JAMMU &amp; KASHMIR</b>	102779	11462147	<b>11564926</b>	<b>0.97</b>
<b>KARNATAKA</b>	2110045	68873696	<b>70983741</b>	<b>5.96</b>
<b>KERALA</b>	1827115	44605375	<b>46432490</b>	<b>3.90</b>
<b>MADHYA PRADESH</b>	903952	75253777	<b>76157729</b>	<b>6.39</b>
<b>MAHARASHTRA</b>	1422956	93381430	<b>94804386</b>	<b>7.95</b>
<b>NORTH-EAST</b>	98302	12238627	<b>12336929</b>	<b>1.04</b>
<b>ORISSA</b>	222829	32503451	<b>32726280</b>	<b>2.75</b>
<b>PUNJAB</b>	733691	39816001	<b>40549692</b>	<b>3.40</b>
<b>RAJASTHAN</b>	505426	65631930	<b>66137356</b>	<b>5.55</b>
<b>TAMIL NADU</b>	2088052	82437585	<b>84525637</b>	<b>7.09</b>
<b>UTTAR PRADESH - [East]</b>	404765	100155623	<b>100560388</b>	<b>8.44</b>
<b>UTTAR PRADESH - [West]</b>	281179	64948796	<b>65229975</b>	<b>5.47</b>
<b>WEST BENGAL</b>	189733	56566412	<b>56756145</b>	<b>4.76</b>
<b>KOLKATA</b>	674009	26324697	<b>26998706</b>	<b>2.27</b>
<b>DELHI</b>	3270494	53548211	<b>56818705</b>	<b>4.77</b>
<b>MUMBAI</b>	2905614	38810563	<b>41716177</b>	<b>3.50</b>
<b>TOTAL</b>	<b>20817909</b>	<b>1170975049</b>	<b>1191792958</b>	<b>100.00</b>

<sup>1</sup> Source: BSNL/MTNL/COAI



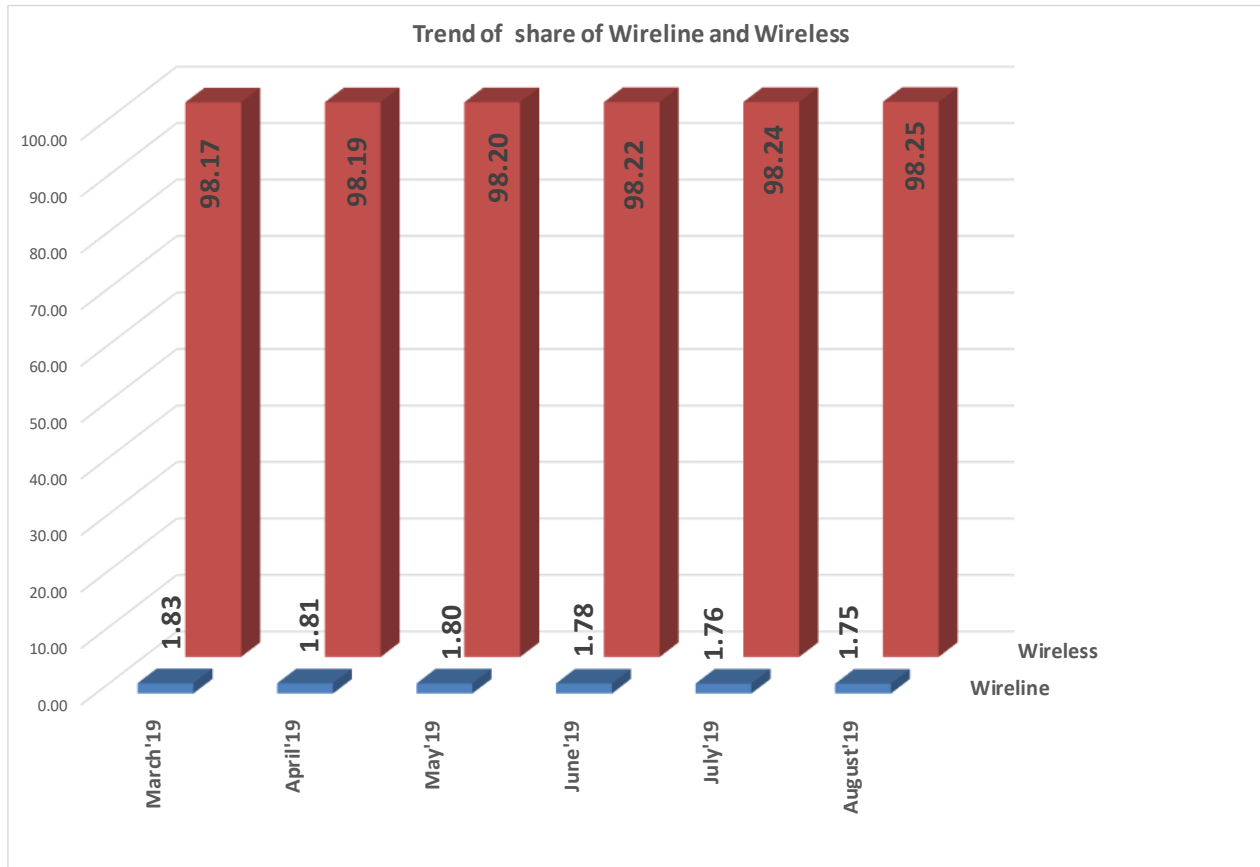
The overall tele-density at the end of August'19 stood at 90.34%. Among the Service areas, Himachal Pradesh (148.61%) had the highest tele-density followed by Kerala (127.53%), Punjab (126.48%), Tamil Nadu (116.77%) and Karnataka (110.61%). Among the three metros, Delhi Service Area topped in tele-density with 241.87%, followed by Mumbai (167.43%) and Kolkata (164.54%).

Teledensity : Service Area wise (in %age)						
Service Area	March'19	April'19	May'19	June'19	July'19	August'19
ANDHRA PRADESH	97.55	97.32	97.00	97.58	97.89	98.04
ASSAM	68.81	69.78	69.96	70.34	70.98	71.12
BIHAR	59.95	60.12	60.15	60.13	60.04	59.93
GUJARAT	107.21	106.09	106.35	106.17	105.90	105.65
HARYANA	97.66	97.19	97.54	97.94	98.02	98.53
HIMACHAL PRADESH	146.37	145.73	146.34	146.70	147.55	148.61
JAMMU & KASHMIR	89.43	89.49	89.33	90.36	91.20	90.11
KARNATAKA	110.04	108.85	108.94	109.64	109.81	110.61
KERALA	126.15	126.48	126.22	126.76	127.15	127.53
MADHYA PRADESH	70.11	70.36	70.47	70.32	70.13	70.16
MAHARASHTRA	92.83	92.75	92.33	92.29	92.77	92.72
NORTH-EAST	84.17	83.22	83.81	84.11	85.07	85.37
ORISSA	75.74	74.90	75.27	75.68	76.04	75.05
PUNJAB	125.35	125.19	124.94	125.22	125.24	126.48
RAJASTHAN	85.34	85.86	86.18	86.26	86.77	86.69
TAMIL NADU	116.94	116.79	116.40	116.33	116.48	116.77
UTTAR PRADESH - [East]	68.63	68.85	68.52	68.83	68.75	68.83
UTTAR PRADESH - [West]						
WEST BENGAL	71.39	71.14	70.00	69.90	69.92	69.97
KOLKATA	165.51	165.31	164.83	164.78	164.41	164.54
DELHI	238.57	239.54	240.49	240.53	241.28	241.87
MUMBAI	165.62	165.49	165.31	166.20	166.31	167.43
TOTAL	90.10	90.04	89.91	90.10	90.23	90.34
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.						





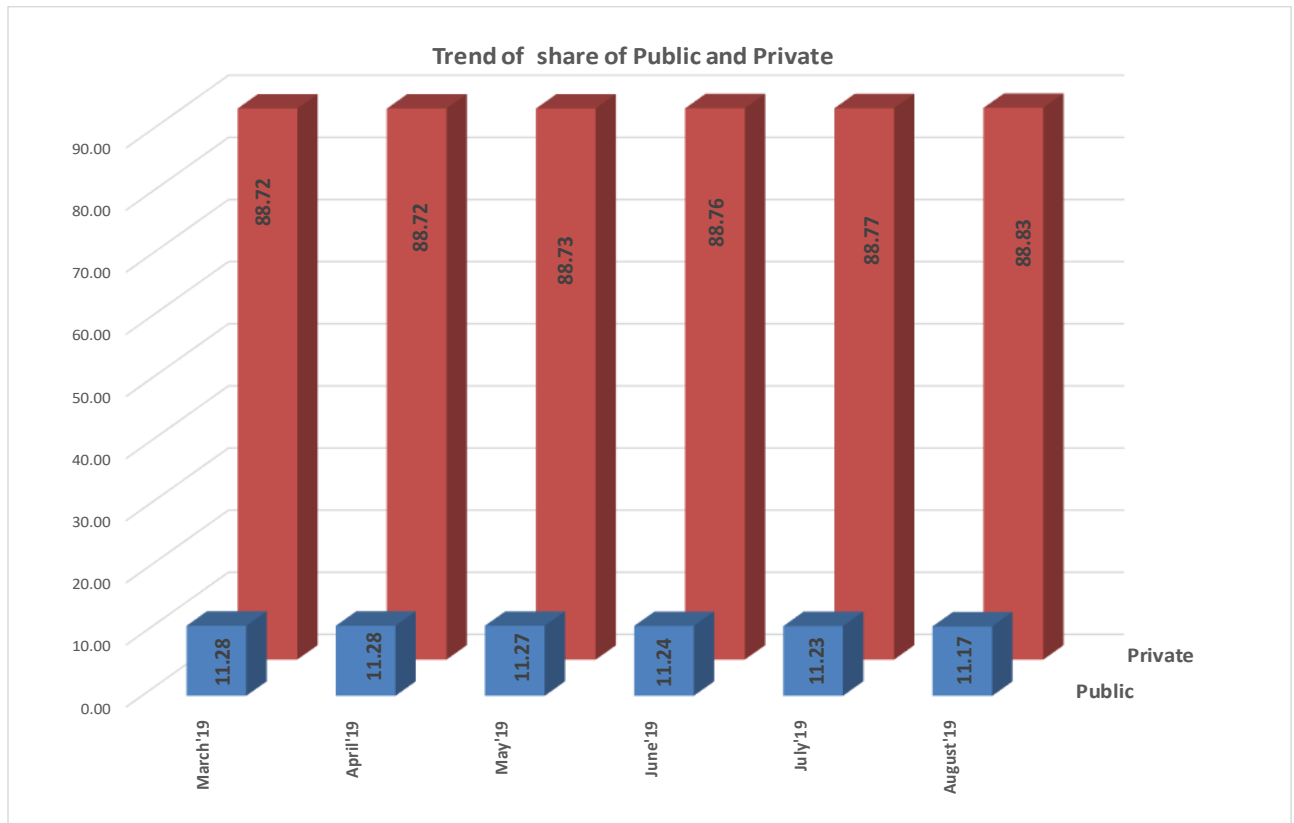
The share of wireless segment in total connections stood at 98.25% by the end of August'19, while the share of wireline telephones was 1.75%.



### 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
August'19	20817909	1170975049	1191792958	2512868	1.75	98.25	-0.70	0.23	0.21

☞ In August'19, share of public sector in total telephones was 11.17%, as against 88.83% of the private sector. In July'19, it was 11.23% and 88.77% respectively.

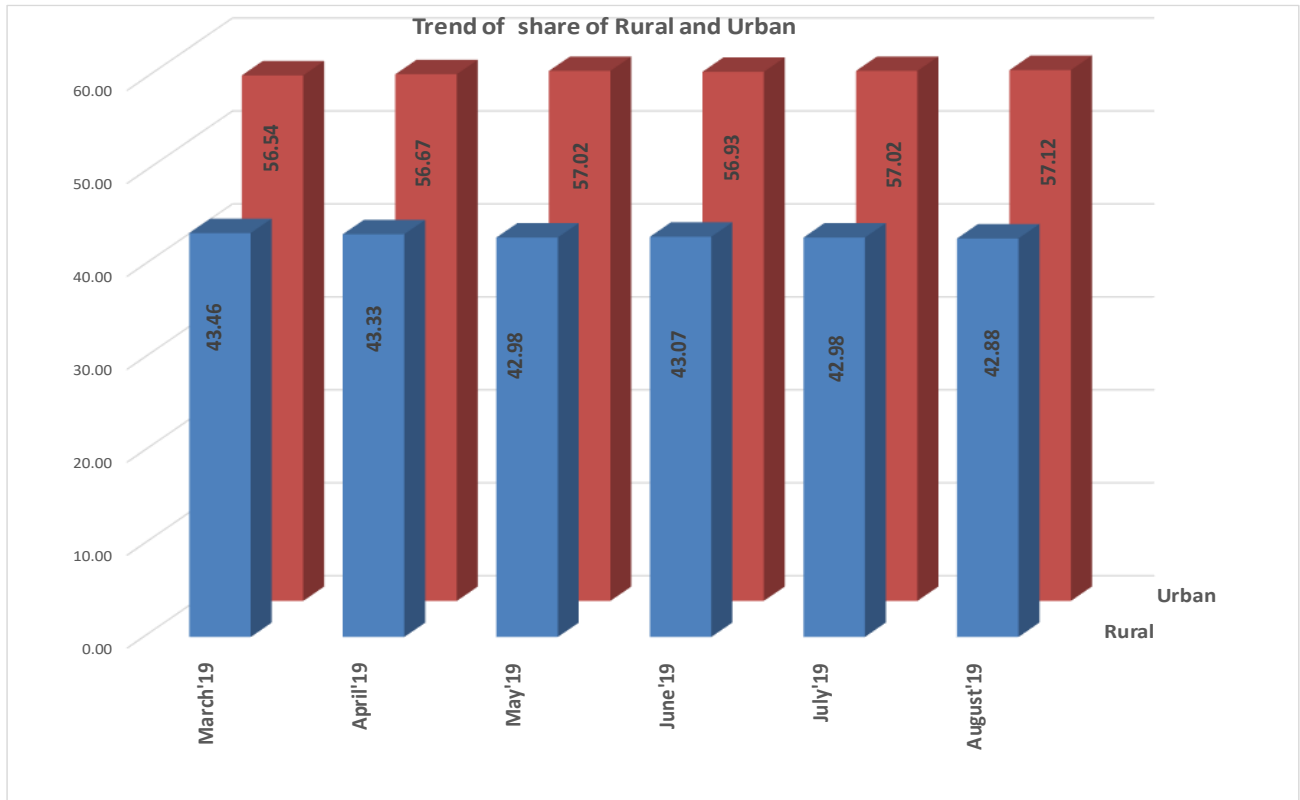


### Telephones: Public vs. Private (2019-20)

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
August'19	133164033	1058628925	1191792958	-420266	2933134	11.17	88.83	-0.31	0.28



Share of rural areas in total telephones decreased to 42.88% in August'19 against 42.98% of July'19. The share of urban areas, on the other hand, increased to 57.12% from 57.02% in July'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
August'19	510993173	680799785	1191792958	-99964	2612832	42.88	57.12	-0.02	0.39

☞ Overall teledensity for the month of August'19 stood at 90.34% as against 90.23% in July'19. The Teledensity for wireless segment was 88.76% whereas that of wireline segment is 1.58%. Teledensity reported in rural areas was 56.97% and that in the urban areas was 161.25%. In Public sector, teledensity was 10.09% and in Private sector, it was 80.25% for the month of August'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
<b>August'19</b>	56.97	161.25	<b>90.34</b>	1.58	88.76	10.09	80.25

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.

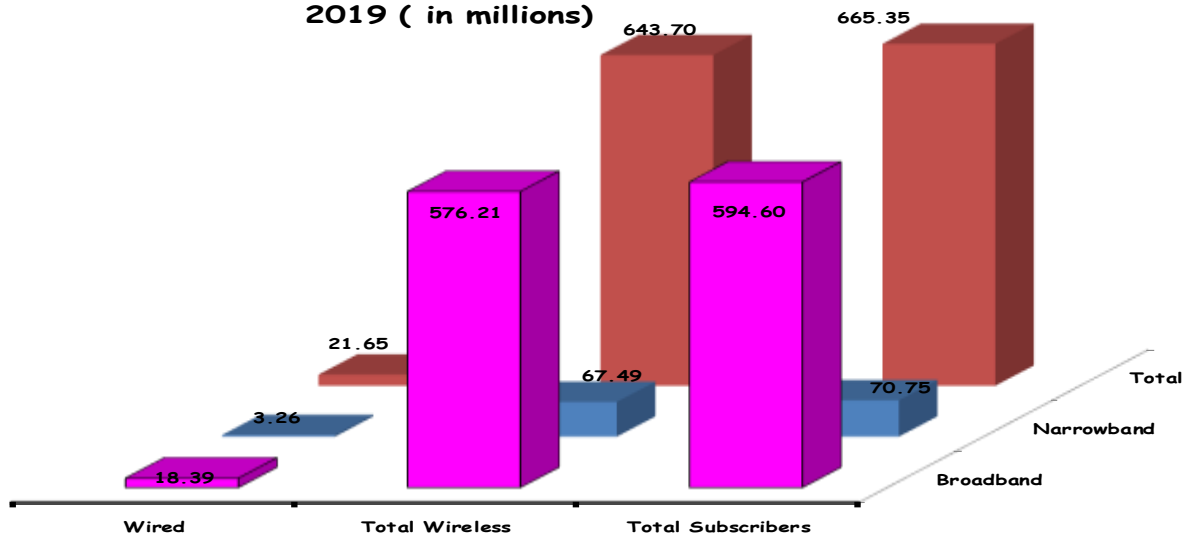
**Trend of Internet Subscribers**

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 615.43 million at the end of August'19 as compared to 604.12 million in July'19, showing an increase of 1.87%.

Broadband Subscribers in India * (In million)				
At the end of	Wired	Total Wireless	Total Subscribers	% growth
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
August'19	18.32	597.11	615.43	1.87

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