

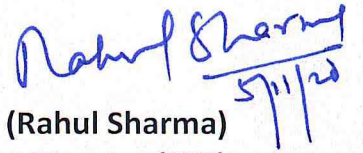
**No. 18-06/2016-STT(T) Pt.II**  
**Government of India**  
**Ministry of Communication**  
**DEPARTMENT OF TELECOM**  
**(STT - Section)**

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Dated: November 5<sup>th</sup>, 2020

**Subject: - Monthly Telecom Scenario as on 31<sup>st</sup> August'20.**

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to August'20.

  
5/11/20

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Member (F)

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Member (T)

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-vacant

Economic Adviser



# Monthly Telecom Scenario

**August'20**



**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'20	July'20
<b>Total Phones</b>	<b>million</b>	<b>1167.70</b>	<b>1165.56</b>
Wireline		19.89	19.82
Wireless		1147.81	1145.74
Rural		524.75	525.37
Urban		642.95	640.19
Public		133.11	134.71
Private		1034.59	1030.85
Wireline %age to Total Phones		<b>%age</b>	1.70
Wireless %age to Total Phones	98.30		98.30
Rural %age to Total Phones	44.94		45.07
Urban %age to Total Phones	55.06		54.93
Public %age to Total Phones	11.40		11.56
Private %age to Total Phones	88.60		88.44
<b>Overall Teledensity</b>	<b>%age</b>	<b>86.23</b>	<b>86.14</b>
Wireline Teledensity		1.47	1.46
Wireless Teledensity		84.76	84.68
Rural Teledensity		58.97	59.07
Urban Teledensity		138.43	138.07
Public		9.83	9.96
Private		76.40	76.19
<b>Teledensity: Top five Circles</b>	<b>%age</b>		
Andhra Pradesh		97.38	148.06
Assam		68.12	127.79
Bihar		52.62	125.17
Gujarat		96.64	106.02
Haryana		94.44	103.20
<b>Teledensity: Metros</b>	<b>%age</b>		
Kolkata		161.93	272.62
Delhi		272.71	160.28
Mumbai		155.05	154.68
<b>Broadband</b>	<b>million</b>	<b>705.41</b>	



At the end of August'20, the total number of telephones was 1167.70 million, compared to 1165.56 million by the end of July'20, showing an increase of 2.14 million. Maximum rise in total telephone connections was recorded in Andhra Pradesh (129599) followed by Assam (140311) and Bihar (720249). However, Mumbai, Delhi and Kolkata recorded a fall in telephone connections over previous month, with a decrease of 154941, 102331 & 295341 respectively.

Total Telephones : Service Area wise						
Service Area	March'20	April'20	May'20	June'20	July'20	August'20
ANDHRA PRADESH	89071010	88329847	87914733	87664626	87747440	87877039
ASSAM	23720985	23625085	23496688	23599920	23602560	23742871
BIHAR	84882817	83634257	83961609	83848825	83682543	84402792
GUJARAT	68795414	67633631	67126020	67195439	67495914	68007790
HARYANA	27912497	27719208	27531387	27506776	27483715	27652418
HIMACHAL PRADESH	10888377	10842518	10784560	10830829	10907223	11028384
JAMMU & KASHMIR	11981508	11941080	11908060	11930385	11993396	11800188
KARNATAKA	69723665	69077009	68884330	68805760	68667440	68971953
KERALA	44975881	44603361	44752977	45086306	45304263	45725284
MADHYA PRADESH	75853270	75480096	75201048	75185837	75958588	75950126
MAHARASHTRA	94112503	92780602	92563331	92592081	92688193	93486246
NORTH-EAST	12113540	12007582	11971270	11973775	11974933	12022679
ORISSA	33532979	33324727	33242332	33176103	33298232	33477040
PUNJAB	39834984	39566329	39372192	39200978	39301854	39382218
RAJASTHAN	65984515	65471743	65107961	64845476	65086052	65383200
TAMIL NADU	83801347	83111811	82693003	82447482	82425426	81265670
UTTAR PRADESH - [East]	97123954	98312188	98271430	98270075	99694939	98292059
UTTAR PRADESH - [West]	63629734	63069092	62569875	62338977	62192250	62767320
WEST BENGAL	55238012	55242998	54834178	54986317	54819250	54669253
KOLKATA	26351958	26165604	26014606	26013609	26533704	26829045
DELHI	56577704	56005982	55566974	55327068	55480858	55583189
MUMBAI	40688011	40276261	39810072	39531122	39223914	39378855
<b>TOTAL</b>	<b>1176794665</b>	<b>1168221011</b>	<b>1163578636</b>	<b>1162357766</b>	<b>1165562687</b>	<b>1167695619</b>

1 Source: BSNL/MTNL/COAI

Service area-wise analysis reveals that Andhra Pradesh had the highest share in the total telephones (7.53%) followed by Assam (2.03%), Bihar (7.23%), Gujarat (5.82%) and Haryana (2.37%). These five Service areas taken together accounted for 24.98% of total telephone connections in India.

Telephones during the month of August'20				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1329346	86547693	87877039	7.53
ASSAM	114428	23628443	23742871	2.03
BIHAR	182858	84219934	84402792	7.23
GUJARAT	957003	67050787	68007790	5.82
HARYANA	234833	27417585	27652418	2.37
HIMACHAL PRADESH	92331	10936053	11028384	0.94
JAMMU & KASHMIR	147521	11652667	11800188	1.01
KARNATAKA	2169330	66802623	68971953	5.91
KERALA	1439134	44286150	45725284	3.92
MADHYA PRADESH	637044	75313082	75950126	6.50
MAHARASHTRA	1300294	92185952	93486246	8.01
NORTH-EAST	97935	11924744	12022679	1.03
ORISSA	202612	33274428	33477040	2.87
PUNJAB	672260	38709958	39382218	3.37
RAJASTHAN	471230	64911970	65383200	5.60
TAMIL NADU	1960445	79305225	81265670	6.96
UTTAR PRADESH - [East]	346432	97945627	98292059	8.42
UTTAR PRADESH - [West]	274471	62492849	62767320	5.38
WEST BENGAL	202594	54466659	54669253	4.68
KOLKATA	662397	26166648	26829045	2.30
DELHI	3327364	52255825	55583189	4.76
MUMBAI	3065505	36313350	39378855	3.37
<b>TOTAL</b>	<b>19887367</b>	<b>1147808252</b>	<b>1167695619</b>	<b>100.00</b>

1 Source: BSNL/MTNL/COAI

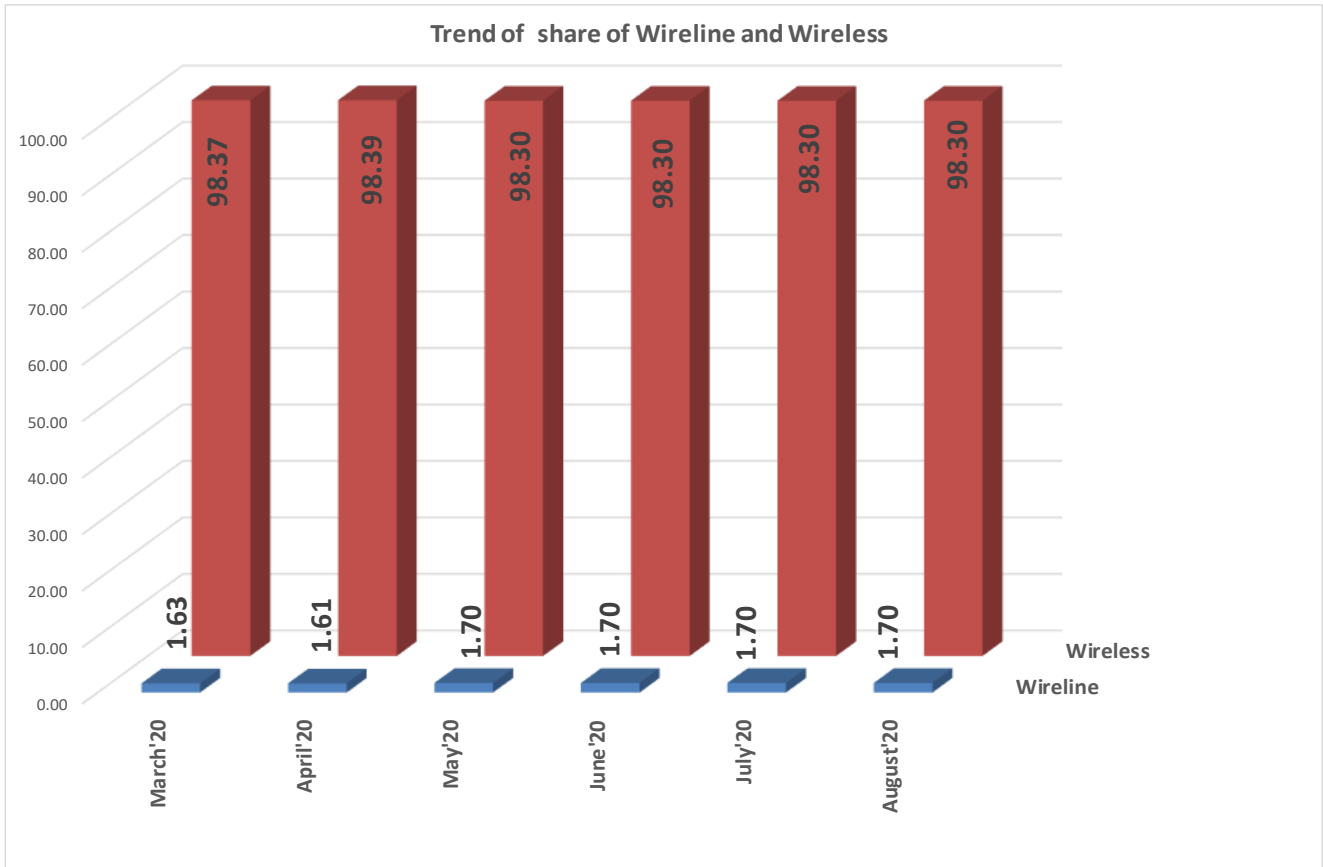


The overall tele-density at the end of August'20 stood at 86.23%. Among the Service areas, Andhra Pradesh (97.38%) had the highest tele-density followed by Assam (68.12%), Bihar (52.62%), Gujarat (96.64%) and Haryana (94.44%). Among the three metros, Kolkata Service Area topped in tele-density with 161.93%, followed by Delhi (272.71%) and Mumbai (155.05%).

Teledensity : Service Area wise (in %age)						
Service Area	March'20	April'20	May'20	June'20	July'20	August'20
ANDHRA PRADESH	97.88	98.07	97.56	97.24	97.28	97.38
ASSAM	70.01	68.02	67.59	67.83	67.78	68.12
BIHAR	59.04	52.39	52.54	52.40	52.23	52.62
GUJARAT	103.51	96.56	95.72	95.71	96.02	96.64
HARYANA	96.14	95.11	94.35	94.16	93.97	94.44
HIMACHAL PRADESH	148.85	147.42	146.55	147.10	148.06	149.62
JAMMU & KASHMIR	92.91	87.69	87.39	87.50	87.90	86.43
KARNATAKA	108.19	104.02	103.66	103.47	103.20	103.59
KERALA	123.19	125.98	126.35	127.23	127.79	128.93
MADHYA PRADESH	69.40	66.95	66.63	66.54	67.15	67.07
MAHARASHTRA	91.55	92.97	92.70	92.68	92.72	93.47
NORTH-EAST	83.37	78.27	77.97	77.92	77.87	78.11
ORISSA	76.58	75.94	75.73	75.55	75.80	76.18
PUNJAB	123.52	126.27	125.57	124.94	125.17	125.34
RAJASTHAN	85.88	83.47	82.91	82.49	82.71	83.00
TAMIL NADU	115.45	107.03	106.45	106.09	106.02	104.48
UTTAR PRADESH - [East]	66.20	67.32	67.02	66.85	67.31	66.90
UTTAR PRADESH - [West]						
WEST BENGAL	67.80	67.23	66.70	66.85	66.62	66.41
KOLKATA	159.69	158.44	157.40	157.26	160.28	161.93
DELHI	236.98	276.49	273.89	272.29	272.62	272.71
MUMBAI	161.48	159.59	157.50	156.14	154.68	155.05
TOTAL	88.66	86.57	86.15	85.98	86.14	86.23
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.						



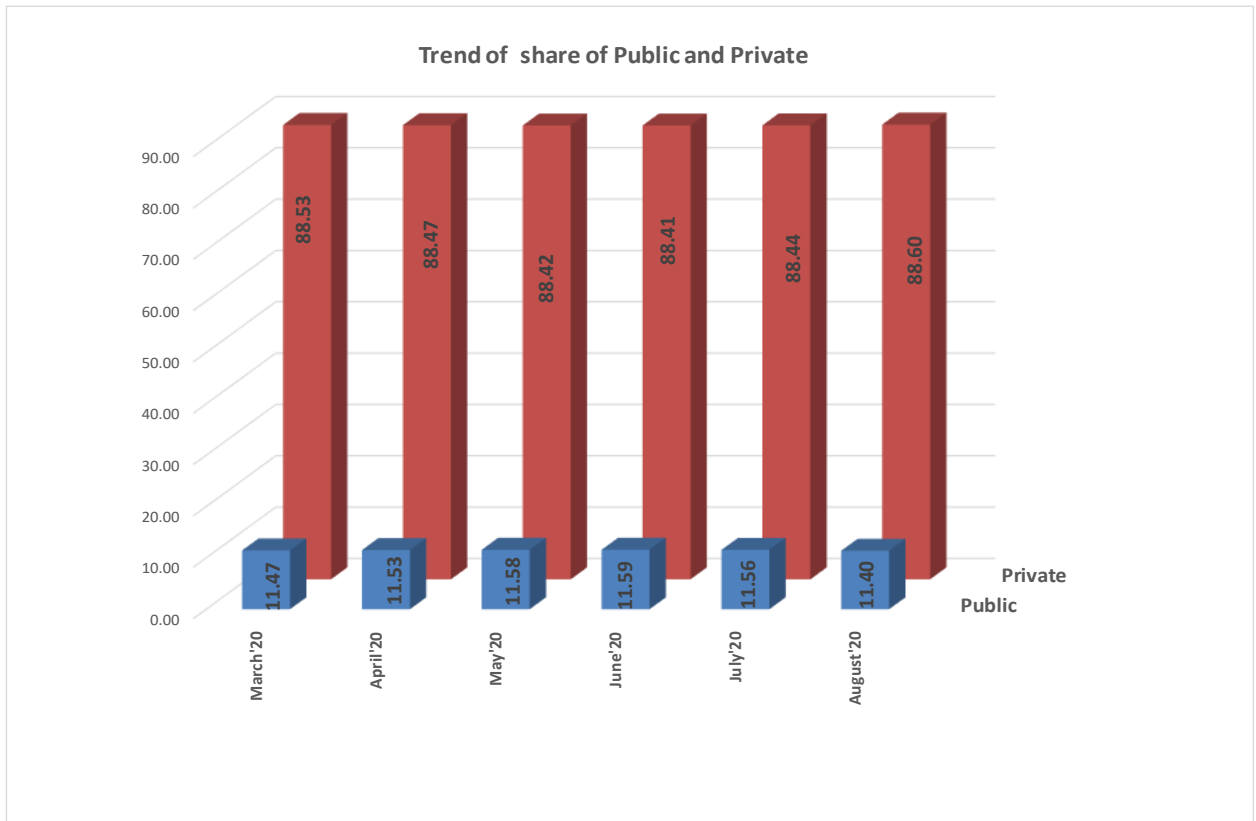
☞ The share of wireless segment in total connections stood at 98.30% by the end of August'20, while the share of wireline telephones was 1.70%.



### Telephones: Wireline vs Wireless

Month	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
March'20	19127410	1157667255	<b>1176794665</b>	-2870547	1.63	98.37	-0.31	-0.24	-0.24
<b>2020-21</b>									
April'20	18778207	1149442804	<b>1168221011</b>	-8573654	1.61	98.39	-1.83	-0.71	-0.73
May'20	19766621	1143812015	<b>1163578636</b>	-4642375	1.70	98.30	5.26	-0.49	-0.40
June'20	19810552	1142547214	<b>1162357766</b>	-1220870	1.70	98.30	0.22	-0.11	-0.10
July'20	19820419	1145742268	<b>1165562687</b>	3204921	1.70	98.30	0.05	0.28	0.28
August'20	19887367	1147808252	<b>1167695619</b>	2132932	1.70	98.30	0.34	0.18	0.18

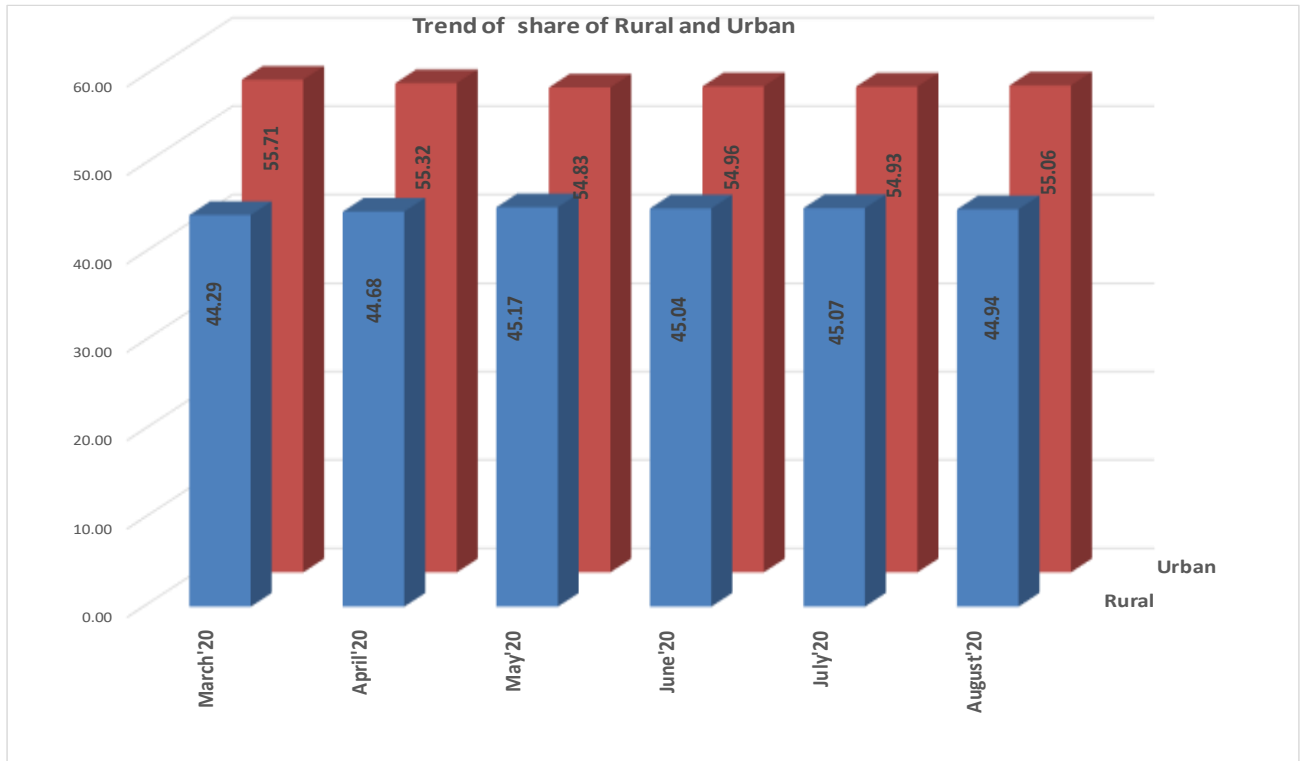
☞ In August'20, share of public sector in total telephones was 11.40%, as against 88.60% of the private sector. In July'20, it was 11.56% and 88.44% respectively.



### Telephones: Public vs. Private

Month	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
<b>March'20</b>	134971964	1041822701	<b>1176794665</b>	8746	-2879293	11.47	88.53	0.01	-0.28
<b>2020-21</b>									
<b>April'20</b>	134719111	1033501900	<b>1168221011</b>	-252853	-8320801	11.53	88.47	-0.19	-0.80
<b>May'20</b>	134763291	1028815345	<b>1163578636</b>	44180	-4686555	11.58	88.42	0.03	-0.45
<b>June'20</b>	134766070	1027591696	<b>1162357766</b>	2779	-1223649	11.59	88.41	0.00	-0.12
<b>July'20</b>	134709044	1030853643	<b>1165562687</b>	-57026	3261947	11.56	88.44	-0.04	0.32
<b>August'20</b>	133114406	1034581213	<b>1167695619</b>	-1594638	3727570	11.40	88.60	-1.18	0.36

☞ Share of rural areas in total telephones decreased to 44.94% in August'20 against 45.07% of July'20. The share of urban areas, on the other hand, increased to 55.06% from 54.93% in July'20.



### Telephones: Rural vs. Urban

Month	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
<b>March'20</b>	521255947	655538718	<b>1176794665</b>	3920013	-6790560	44.29	55.71	0.76	-1.03
<b>2020-21</b>									
<b>April'20</b>	521996276	646224735	<b>1168221011</b>	740329	-9313983	44.68	55.32	0.14	-1.42
<b>May'20</b>	525558491	638020145	<b>1163578636</b>	3562215	-8204590	45.17	54.83	0.68	-1.27
<b>June'20</b>	523534507	638823259	<b>1162357766</b>	-2023984	803114	45.04	54.96	-0.39	0.13
<b>July'20</b>	525372980	640189707	<b>1165562687</b>	1838473	1366448	45.07	54.93	0.35	0.21
<b>August'20</b>	524748650	642946969	<b>1167695619</b>	-624330	2757262	44.94	55.06	-0.12	0.43

- Overall teledensity for the month of August'20 stood at 86.23% as against 86.14% in July'20. The Teledensity for wireless segment was 84.76% whereas that of wireline segment is 1.47%. Teledensity reported in rural areas was 58.97% and that in the urban areas was 138.43%. In Public sector, teledensity was 9.83% and in Private sector, it was 76.40% for the month of August'20.

### Tele-density

Month	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
March'20	57.87	153.68	<b>88.66</b>	1.44	87.22	10.17	78.49
<b>2020-21</b>							
April'20	58.77	140.02	<b>86.57</b>	1.39	85.18	9.98	76.58
May'20	59.15	138.06	<b>86.15</b>	1.46	84.68	9.98	76.17
June'20	58.89	138.00	<b>85.98</b>	1.47	84.52	9.97	76.01
July'20	59.07	138.07	<b>86.14</b>	1.46	84.68	9.96	76.19
August'20	58.97	138.43	<b>86.23</b>	1.47	84.76	9.83	76.40

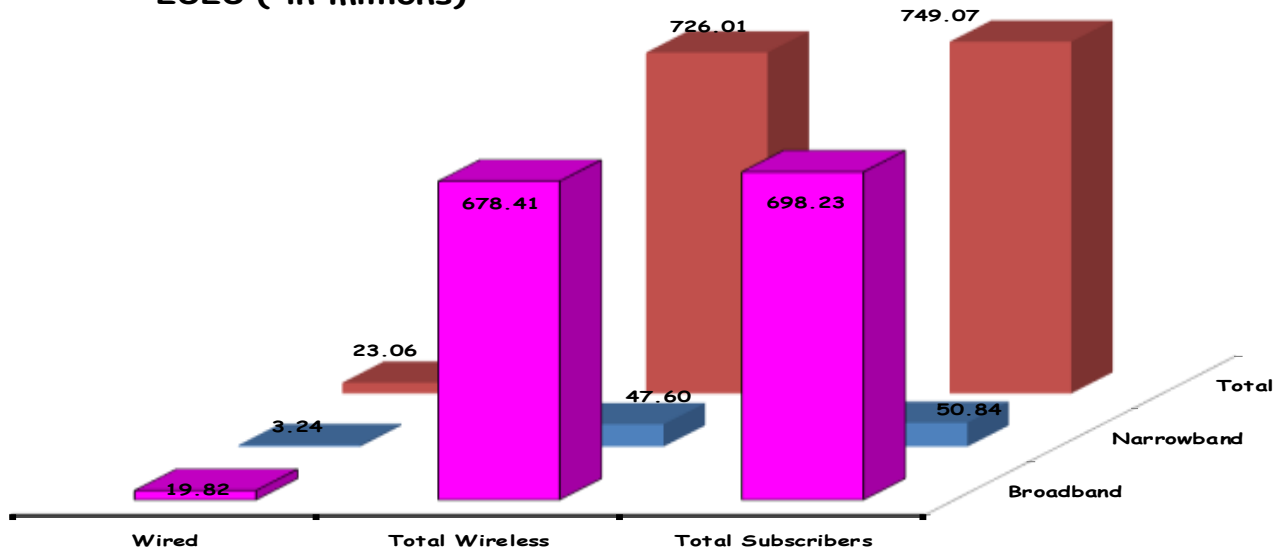
☞ The number of Internet subscribers (both broadband and narrowband put together) which was 604.21 million at the end of December'18 increased to 749.07 million by the end of June'20 registering a quarterly growth of 4.53% over October-december'18. The number of subscribers accessing internet via wireless phones was 726.01 million at the end of June'20. The number of wired Internet subscribers was 23.06 million at the end of June'20.

### Trend of Internet Subscribers

Trends of Internet Subscribers (in million)							
Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	December'18	March'19	June'19	September'19	December'19	March'19	June'20
	604.21	636.74	665.35	687.63	718.75	743.19	749.07
Quarterly Growth (in Percentage)	7.89	5.38	4.49	3.35	4.53	3.40	0.79

Internet Subscriber Base in India - June'20 * (in million)			
Segment	Wired	Total Wireless	Total
Broadband	19.82	678.41	698.23
Narrowband	3.24	47.60	50.84
<b>Total</b>	<b>23.06</b>	<b>726.01</b>	<b>749.07</b>
* As per the TRAI input			

**Internet Subscribers - June 2020 ( in millions)**



☞ The number of Broadband subscribers was 705.41 million at the end of August'20 as compared to million in July'20, showing an increase of 1.67%.

<b>Broadband Subscribers in India (In millions)</b>				
<b>At the end of</b>	<b>Wired</b>	<b>Total Wireless</b>	<b>Total Subscribers</b>	<b>% growth</b>
<b>October'19</b>	19.08	625.00	644.08	2.98
<b>November'19</b>	19.13	642.14	661.27	2.67
<b>December'19</b>	19.14	642.8	661.94	0.10
<b>January'20</b>	19.08	654.31	673.39	1.73
<b>February'20</b>	19.07	662.03	681.10	1.14
<b>March'20</b>	19.18	668.26	687.44	0.93
<b>April'20</b>	19.02	657.12	676.14	-1.64
<b>May'20</b>	19.38	664.39	683.77	1.13
<b>June'20</b>	19.82	678.41	698.23	2.11
<b>July'20</b>	20.13	685.28	705.41	1.03

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