

No. 18-06/2016-STT(T) Pt.II

Government of India

Ministry of Communication

DEPARTMENT OF TELECOM


(STT - Section)

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Dated: August 05, 2020

**Subject: - Monthly Telecom Scenario as on 31<sup>st</sup> March and 30<sup>th</sup> April'20.**

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to 31<sup>st</sup> March and 30<sup>th</sup> April'20.

  
5/8/20

(Rahul Sharma)

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Adviser (F)

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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)

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**Copy to:**

Senior Economic Adviser

Economic Adviser



# Monthly Telecom Scenario

April'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	April'20	March'20
<b>Total Phones</b>		<b>1168.22</b>	<b>1176.79</b>
Wireline	<b>million</b>	18.78	19.13
Wireless		1149.44	1157.67
Rural		522.00	521.26
Urban		646.22	655.53
Public		134.72	134.97
Private		1033.50	1041.82
Wireline %age to Total Phones		<b>%age</b>	1.61
Wireless %age to Total Phones	98.39		98.38
Rural %age to Total Phones	44.68		44.30
Urban %age to Total Phones	55.32		55.70
Public %age to Total Phones	11.53		11.47
Private %age to Total Phones	88.47		88.53
<b>Overall Teledensity</b>		<b>86.57</b>	<b>88.66</b>
Wireline Teledensity	<b>%age</b>	1.39	1.44
Wireless Teledensity		85.18	87.22
Rural Teledensity		58.77	57.87
Urban Teledensity		140.07	153.68
Public		9.98	10.17
Private		76.58	78.49
<b>Teledensity: Top five Circles</b>			
Himachal Pradesh	<b>%age</b>	147.42	148.85
Punjab		126.27	123.52
Kerala		125.98	123.19
Tamil Nadu		107.03	115.45
Karnataka		104.02	108.19
<b>Teledensity: Metros</b>			
Delhi	<b>%age</b>	276.49	236.98
Mumbai		159.59	161.48
Kolkata		158.44	159.69
<b>Broadband</b>	<b>million</b>	<b>-</b>	<b>687.44</b>



At the end of April'20, the total number of telephones was 1168.22 million, compared to 1176.79 million by the end of March'20, showing a decrease of 8.57 million. Maximum rise in total telephone connections was recorded in Uttar Pradesh - [East] (1188234) followed by West Bengal (4986). However, Maharashtra, Bihar and Gujarat recorded a fall in telephone connections over previous month, with a decrease of 1331901, 1248560 & 1161783 respectively.

Total Telephones : Service Area wise		
Service Area	March'20	April'20
ANDHRA PRADESH	89071010	88329847
ASSAM	23720985	23625085
BIHAR	84882817	83634257
GUJARAT	68795414	67633631
HARYANA	27912497	27719208
HIMACHAL PRADESH	10888377	10842518
JAMMU & KASHMIR	11981508	11941080
KARNATAKA	69723665	69077009
KERALA	44975881	44603361
MADHYA PRADESH	75853270	75480096
MAHARASHTRA	94112503	92780602
NORTH-EAST	12113540	12007582
ORISSA	33532979	33324727
PUNJAB	39834984	39566329
RAJASTHAN	65984515	65471743
TAMIL NADU	83801347	83111811
UTTAR PRADESH - [East]	97123954	98312188
UTTAR PRADESH - [West]	63629734	63069092
WEST BENGAL	55238012	55242998
KOLKATA	26351958	26165604
DELHI	56577704	56005982
MUMBAI	40688011	40276261
<b>TOTAL</b>	<b>1176794665</b>	<b>1168221011</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 (7.94%), Andhra Pradesh (7.56%), Bihar (7.16%) and Tamil Nadu (7.11%). These five Service areas taken together accounted for 38.19% of total telephone connections in India.

<b>Telephones during the month of April'20</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>	1184591	87145256	<b>88329847</b>	<b>7.56</b>
<b>ASSAM</b>	98324	23526761	<b>23625085</b>	<b>2.02</b>
<b>BIHAR</b>	158035	83476222	<b>83634257</b>	<b>7.16</b>
<b>GUJARAT</b>	817168	66816463	<b>67633631</b>	<b>5.79</b>
<b>HARYANA</b>	239655	27479553	<b>27719208</b>	<b>2.37</b>
<b>HIMACHAL PRADESH</b>	96639	10745879	<b>10842518</b>	<b>0.93</b>
<b>JAMMU &amp; KASHMIR</b>	119036	11822044	<b>11941080</b>	<b>1.02</b>
<b>KARNATAKA</b>	2070687	67006322	<b>69077009</b>	<b>5.91</b>
<b>KERALA</b>	1526298	43077063	<b>44603361</b>	<b>3.82</b>
<b>MADHYA PRADESH</b>	582889	74897207	<b>75480096</b>	<b>6.46</b>
<b>MAHARASHTRA</b>	1320221	91460381	<b>92780602</b>	<b>7.94</b>
<b>NORTH-EAST</b>	90082	11917500	<b>12007582</b>	<b>1.03</b>
<b>ORISSA</b>	201624	33123103	<b>33324727</b>	<b>2.85</b>
<b>PUNJAB</b>	650678	38915651	<b>39566329</b>	<b>3.39</b>
<b>RAJASTHAN</b>	442631	65029112	<b>65471743</b>	<b>5.60</b>
<b>TAMIL NADU</b>	1887943	81223868	<b>83111811</b>	<b>7.11</b>
<b>UTTAR PRADESH - [East]</b>	304531	98007657	<b>98312188</b>	<b>8.42</b>
<b>UTTAR PRADESH - [West]</b>	236158	62832934	<b>63069092</b>	<b>5.40</b>
<b>WEST BENGAL</b>	160099	55082899	<b>55242998</b>	<b>4.73</b>
<b>KOLKATA</b>	613230	25552374	<b>26165604</b>	<b>2.24</b>
<b>DELHI</b>	3145804	52860178	<b>56005982</b>	<b>4.79</b>
<b>MUMBAI</b>	2831884	37444377	<b>40276261</b>	<b>3.45</b>
<b>TOTAL</b>	<b>18778207</b>	<b>1149442804</b>	<b>1168221011</b>	<b>100.00</b>

1 Source: BSNL/MTNL/COAI



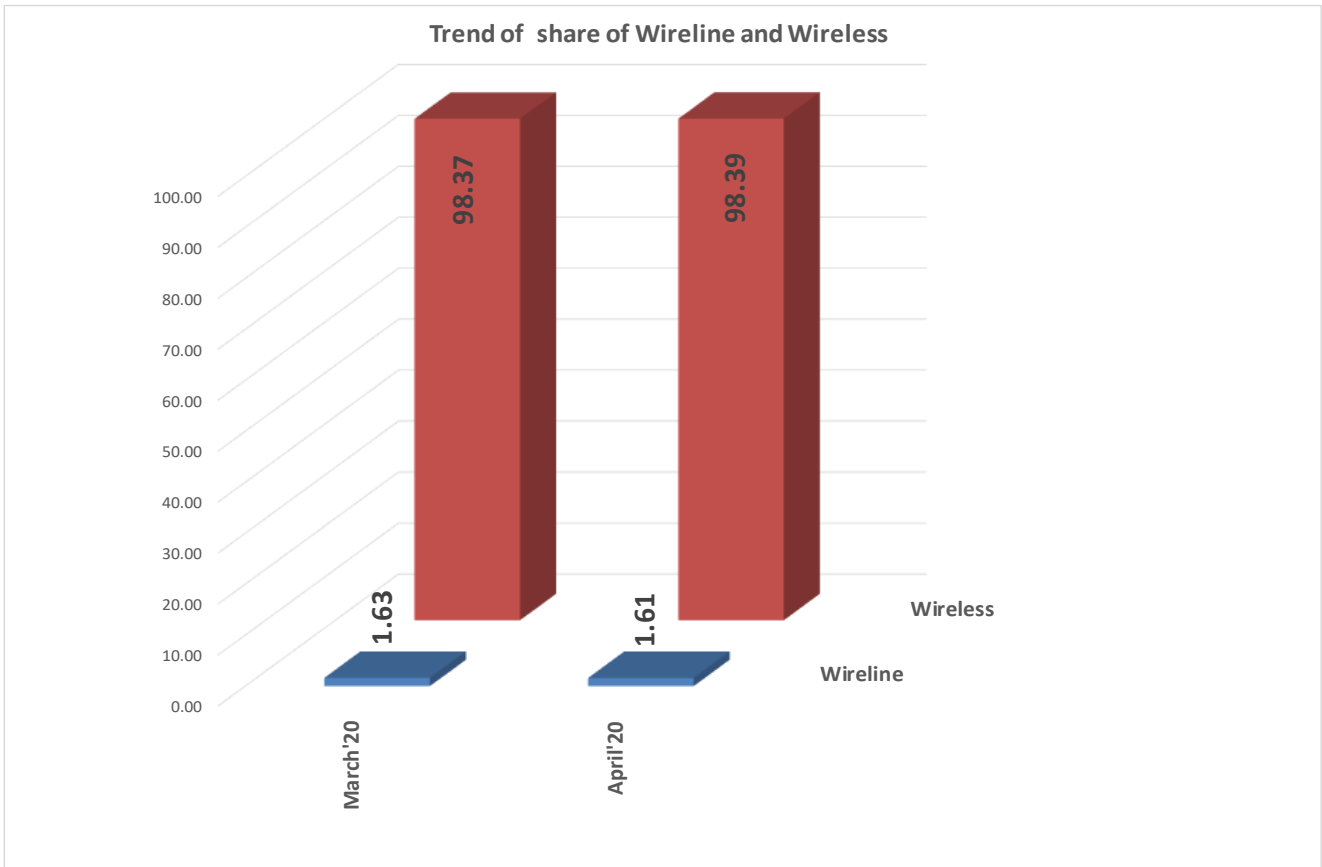
The overall tele-density at the end of April'20 stood at 86.57%. Among the Service areas, Himachal Pradesh (147.42%) had the highest tele-density followed by Punjab (126.27%), Kerala (125.98%), Tamil Nadu (107.03%) and Karnataka (104.02%). Among the three metros, Delhi Service Area topped in tele-density with 276.49%, followed by Mumbai (159.59%) and Kolkata (158.44%).

Teledensity : Service Area wise (in %age)		
Service Area	March'20	April'20
ANDHRA PRADESH	97.88	98.07
ASSAM	70.01	68.02
BIHAR	59.04	52.39
GUJARAT	103.51	96.56
HARYANA	96.14	95.11
HIMACHAL PRADESH	148.85	147.42
JAMMU & KASHMIR	92.91	87.69
KARNATAKA	108.19	104.02
KERALA	123.19	125.98
MADHYA PRADESH	69.40	66.95
MAHARASHTRA	91.55	92.97
NORTH-EAST	83.37	78.27
ORISSA	76.58	75.94
PUNJAB	123.52	126.27
RAJASTHAN	85.88	83.47
TAMIL NADU	115.45	107.03
UTTAR PRADESH - [East]	66.20	67.32
UTTAR PRADESH - [West]		
WEST BENGAL	67.80	67.23
KOLKATA	159.69	158.44
DELHI	236.98	276.49
MUMBAI	161.48	159.59
TOTAL	88.66	86.57

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.



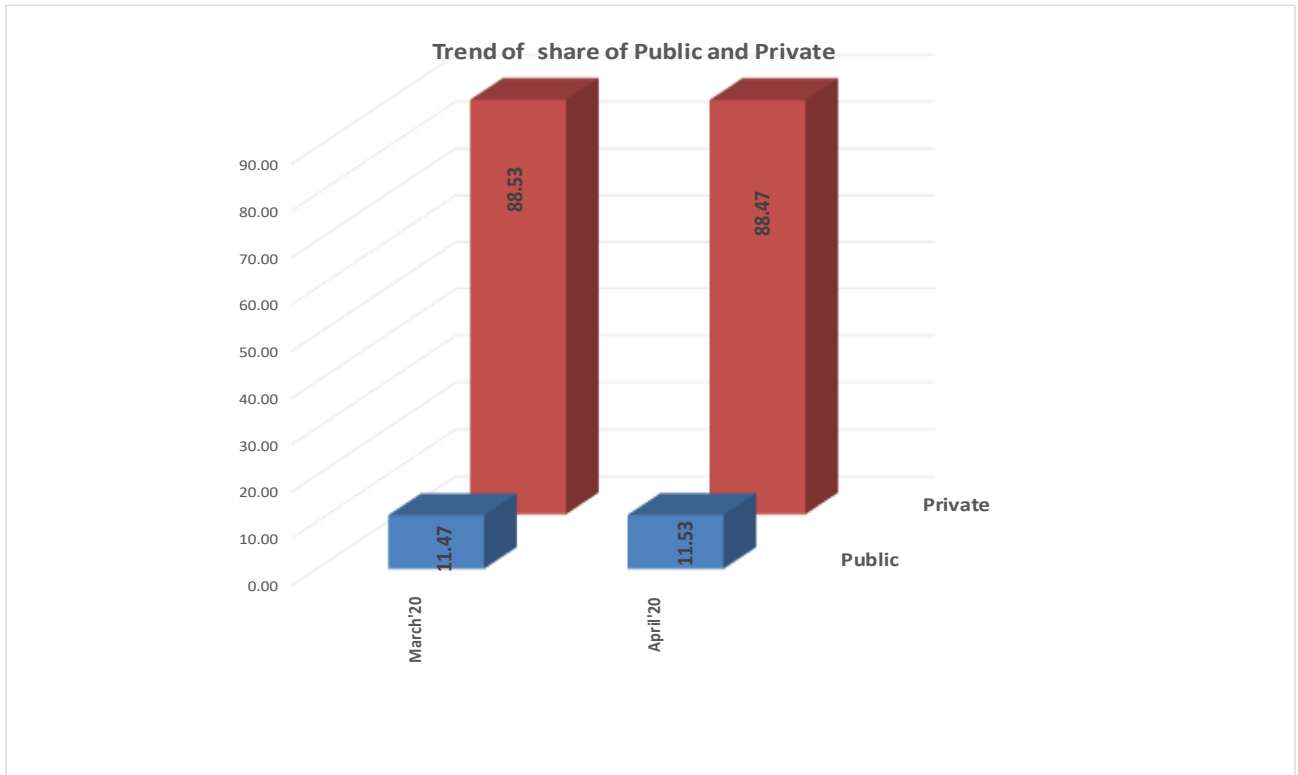
☞ The share of wireless segment in total connections stood at 98.39% by the end of April'20, while the share of wireline telephones was 1.61%.



**Telephones: Wireline vs Wireless**

Month	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
March'20	19127410	1157667255	1176794665	-2870547	1.63	98.37	-0.31	-0.24	-0.24
<b>2020-21</b>									
April'20	18778207	1149442804	1168221011	-8573654	1.61	98.39	-1.83	-0.71	-0.73

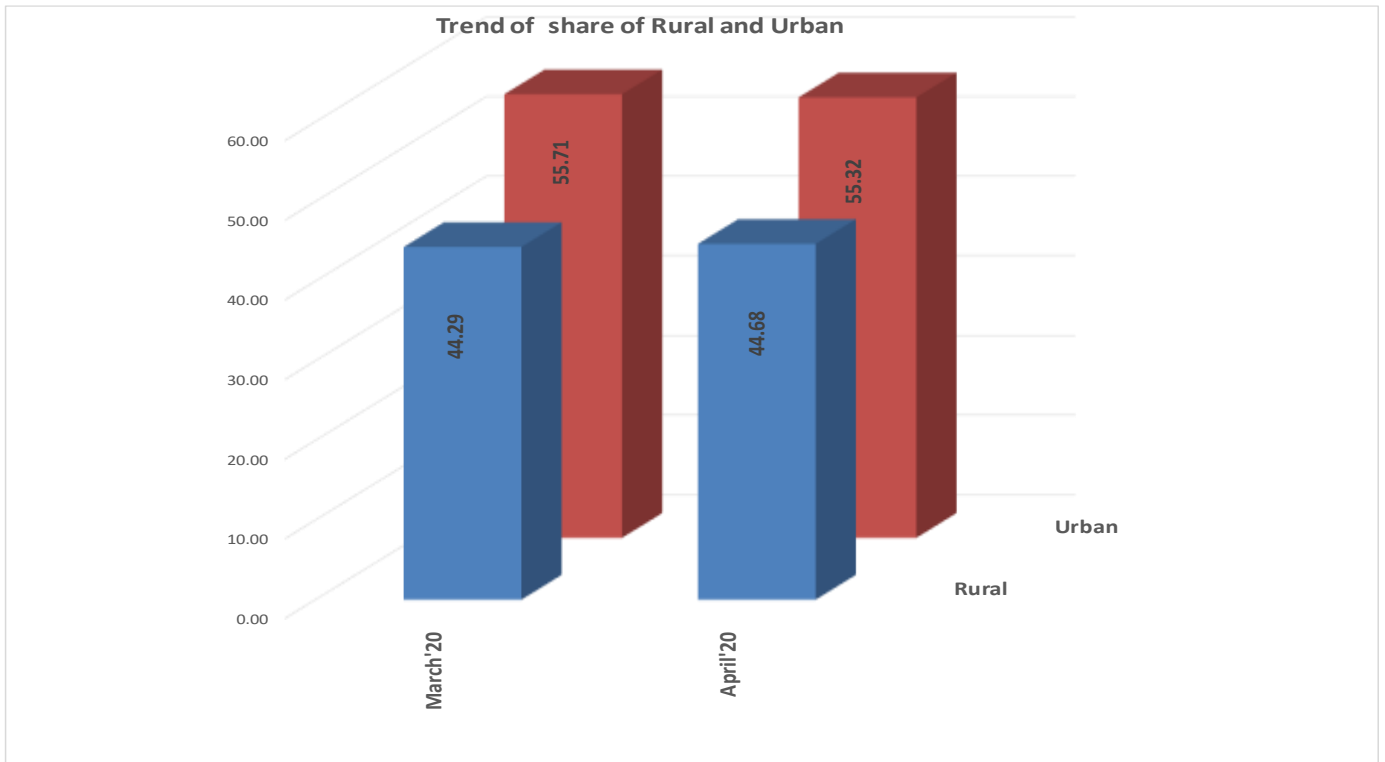
☞ In April'20, share of public sector in total telephones was 11.53%, as against 88.47% of the private sector. In March'20, it was 11.47% and 88.53% respectively.



### Telephones: Public vs. Private

Month	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
March'20	134971964	1041822701	1176794665	8746	-2879293	11.47	88.53	0.01	-0.28
<b>2020-21</b>									
April'20	134719111	1033501900	1168221011	-252853	-8320801	11.53	88.47	-0.19	-0.80

☞ Share of rural areas in total telephones increased to 44.68% in April'20 against 44.30% of March'20. The share of urban areas, on the other hand, decreased to 55.32% from 55.70% in March'20.



### Telephones: Rural vs. Urban

Month	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
March'20	521255947	655538718	1176794665	3920013	-6790560	44.29	55.71	0.76	-1.03
<b>2020-21</b>									
April'20	521996276	646224735	1168221011	740329	-9313983	44.68	55.32	0.14	-1.42

☞ Overall teledensity for the month of April'20 stood at 86.57% as against 88.66% in March'20. The Teledensity for wireless segment was 85.18% whereas that of wireline segment is 1.39%. Teledensity reported in rural areas was 58.77% and that in the urban areas was 140.02%. In Public sector, teledensity was 9.98% and in Private sector, it was 76.58% for the month of April'20.

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



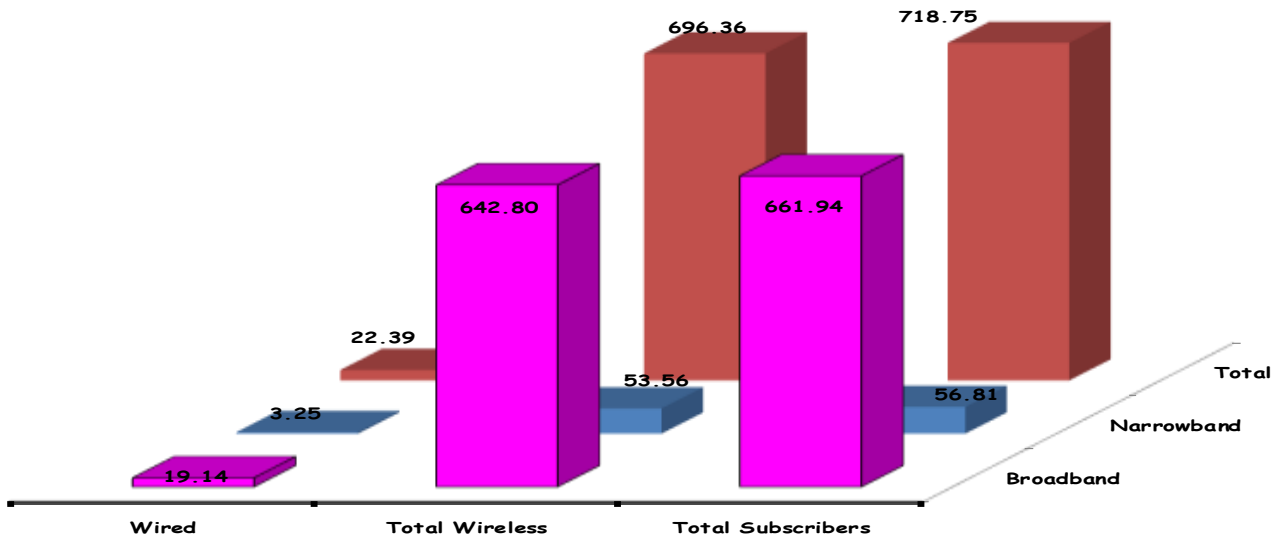
The number of Internet subscribers (both broadband and narrowband put together) which was 604.21 million at the end of December'18 increased to 718.75 million by the end of December'19 registering a quarterly growth of 4.53% over October-december'19. The number of subscribers accessing internet via wireless phones was 696.36 million at the end of December'19. The number of wired Internet subscribers was 22.39 million at the end of December'19 .

**Trend of Internet Subscribers**

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

Internet Subscriber Base in India - December'19 * (in million)			
Segment	Wired	Total Wireless	Total
Broadband	19.14	642.80	661.94
Narrowband	3.25	53.56	56.81
<b>Total</b>	<b>22.39</b>	<b>696.36</b>	<b>718.75</b>
* As per the TRAI input			

**Internet Subscribers - December 2019 ( in millions)**



☞ The number of Broadband subscribers was 687.44 million at the end of March'20 as compared to 681.10 million in February'20, showing an increase of 0.93%.

<b>At the end of</b>	<b>Wired</b>	<b>Total Wireless</b>	<b>Total Subscribers</b>	<b>% growth</b>
<b>April'19</b>	18.41	553.53	571.94	1.53
<b>May'19</b>	18.45	563.06	581.51	1.67
<b>June'19</b>	18.42	576.17	594.59	2.25
<b>July'19</b>	18.52	585.6	604.12	1.60
<b>August'19</b>	18.32	597.11	615.43	1.87
<b>September'19</b>	19.01	606.41	625.42	1.62
<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

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# Monthly Telecom Scenario

March'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	March'20	February'20
<b>Total Phones</b>	<b>million</b>	<b>1176.79</b>	<b>1179.67</b>
Wireline		19.13	19.19
Wireless		1157.67	1160.48
Rural		521.26	517.34
Urban		655.53	662.33
Public		134.97	134.96
Private		1041.82	1044.71
Wireline %age to Total Phones	<b>%age</b>	1.63	1.63
Wireless %age to Total Phones		98.38	98.37
Rural %age to Total Phones		44.30	43.85
Urban %age to Total Phones		55.70	56.15
Public %age to Total Phones		11.47	11.44
Private %age to Total Phones		88.53	88.56
<b>Overall Teledensity</b>	<b>%age</b>	<b>88.66</b>	<b>88.95</b>
Wireline Teledensity		1.44	1.45
Wireless Teledensity		87.22	87.51
Rural Teledensity		57.87	57.47
Urban Teledensity		153.68	155.50
Public		10.17	10.18
Private		78.49	78.78
<b>Teledensity: Top five Circles</b>	<b>%age</b>		
Himachal Pradesh		148.85	149.32
Punjab		123.52	124.29
Kerala		123.19	124.21
Tamil Nadu		115.45	116.02
Karnataka		108.19	108.32
<b>Teledensity: Metros</b>	<b>%age</b>		
Delhi		236.98	238.47
Mumbai		161.48	163.01
Kolkata		159.69	160.37



At the end of March'20, the total number of telephones was 1176.79 million, compared to 1179.67 million by the end of February'20, showing a decrease of 2.88 million. Maximum rise in total telephone connections was recorded in Madhya Pradesh (890838) followed by Gujarat (688387) and Bihar (288575). However, Maharashtra, West Bengal and Tamil Nadu recorded a fall in telephone connections over previous month, with a decrease of 697271, 557897 & 383462 respectively.

Total Telephones : Service Area wise

Service Area	March'19	April'19	May'19	June'19	July'19	August'19	September'19	October'19	November'19	December'19	January'20	February'20	March'20
ANDHRA PRADESH	88170245	88005801	87772495	88346463	88676456	88861040	88888759	89436815	88501659	88278409	88713769	89268224	89071010
ASSAM	23080711	23426284	23505762	23654357	23890306	23956868	24145407	24538253	23759015	23708908	23739756	24050505	23720985
BIHAR	85308742	85632929	85736314	85786473	85735615	85650504	85409060	86031547	84920819	84485554	84383727	84594242	84882817
GUJARAT	70534207	69856023	70087384	70026992	69909625	69806019	69830339	70243608	68734013	68501429	68880505	68107027	68795414
HARYANA	27990960	27886734	28015983	28162818	28215673	28393309	28512500	28940957	28165412	28044845	28160495	28218888	27912497
HIMACHAL PRADESH	10630749	10591921	10641770	10673781	10743442	10825956	10872150	10998912	10859954	10889279	10888496	10916561	10888377
JAMMU & KASHMIR	11437233	11452673	11441112	11580370	11696187	11564926	11450196	11413310	9952721	10444208	11652183	11892045	11981508
KARNATAKA	70398285	69680955	69780523	70274172	70424508	70983741	71208468	71313953	69772221	69451731	69466185	69771407	69723665
KERALA	45840356	45979276	45904226	46116150	46276578	46432490	46704420	46901909	45439526	45213211	45278943	45331762	44975881
MADHYA PRADESH	75718114	76066495	76251601	76170526	76042006	76157729	76317830	77594907	75437191	75692411	75343558	74962432	75853270
MAHARASHTRA	94548392	94533229	94185011	94213729	94775464	94804386	95095079	96115256	94270891	93977274	94738271	94809774	94112503
NORTH-EAST	12115134	11988972	12082247	12136007	12282647	12336929	12393775	12530464	12219383	12206444	12152456	12207852	12113540
ORISSA	32930410	32581015	32761956	32960432	33137307	32726280	33093017	33654394	33431620	33220772	33376364	33581612	33532979
PUNJAB	40014807	40000402	39954333	40076000	40117308	40549692	40786991	41313260	39932617	39796719	39816091	40048571	39834984
RAJASTHAN	64774956	65239401	65545977	65679103	66131358	66137356	66166677	66830647	65924226	65806668	66016878	66364490	65984515
TAMIL NADU	84480470	84400843	84154586	84142426	84279751	84525637	84722766	85159496	84015730	83698887	83743442	84184809	83801347
UTTAR PRADESH - [East]	99449999	100076523	99691849	100235544	100107611	100560388	100742350	101255538	95934797	96082680	96712017	97317463	97123954
UTTAR PRADESH - [West]	64887552	64964997	64766668	65160805	65284678	65229975	65378539	65893759	63841068	63157767	63664108	63993641	63629734
WEST BENGAL	57719640	57551550	56670731	56621352	56679312	56756145	56856147	57227643	55693903	55393287	55411487	55795909	55238012
KOLKATA	27047850	27036593	26981101	26993467	26954220	26998706	27061517	27129564	26537089	26287414	26291575	26441657	26351958
DELHI	55394424	55749272	56100399	56241303	56548361	56818705	56920370	57231040	56232485	56133712	56391348	56799195	56577704
MUMBAI	40934182	40966369	40987394	41276410	41371677	41716177	41689518	41967447	41084536	40962531	41003242	41007146	40688011
<b>TOTAL</b>	<b>1183407418</b>	<b>1183668257</b>	<b>1183019422</b>	<b>1186528680</b>	<b>1189280090</b>	<b>1191792958</b>	<b>1194245875</b>	<b>1203722679</b>	<b>1174660876</b>	<b>1171434140</b>	<b>1175824896</b>	<b>1179665212</b>	<b>1176794665</b>

1 Source: BSNL/MTNL/COAI



Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.25%) followed by Maharashtra (8.00%), Andhra Pradesh (7.57%), Bihar (7.21%) and Tamil Nadu (7.12%). These five Service areas taken together accounted for 38.15% of total telephone connections in India.

<b>Telephones during the month of March'20</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>	1215223	87855787	<b>89071010</b>	<b>7.57</b>
<b>ASSAM</b>	98465	23622520	<b>23720985</b>	<b>2.02</b>
<b>BIHAR</b>	158760	84724057	<b>84882817</b>	<b>7.21</b>
<b>GUJARAT</b>	870385	67925029	<b>68795414</b>	<b>5.85</b>
<b>HARYANA</b>	237945	27674552	<b>27912497</b>	<b>2.37</b>
<b>HIMACHAL PRADESH</b>	97689	10790688	<b>10888377</b>	<b>0.93</b>
<b>JAMMU &amp; KASHMIR</b>	120470	11861038	<b>11981508</b>	<b>1.02</b>
<b>KARNATAKA</b>	2095351	67628314	<b>69723665</b>	<b>5.92</b>
<b>KERALA</b>	1543672	43432209	<b>44975881</b>	<b>3.82</b>
<b>MADHYA PRADESH</b>	619385	75233885	<b>75853270</b>	<b>6.45</b>
<b>MAHARASHTRA</b>	1314902	92797601	<b>94112503</b>	<b>8.00</b>
<b>NORTH-EAST</b>	91224	12022316	<b>12113540</b>	<b>1.03</b>
<b>ORISSA</b>	201839	33331140	<b>33532979</b>	<b>2.85</b>
<b>PUNJAB</b>	661280	39173704	<b>39834984</b>	<b>3.39</b>
<b>RAJASTHAN</b>	448919	65535596	<b>65984515</b>	<b>5.61</b>
<b>TAMIL NADU</b>	1913449	81887898	<b>83801347</b>	<b>7.12</b>
<b>UTTAR PRADESH - [East]</b>	365519	96758435	<b>97123954</b>	<b>8.25</b>
<b>UTTAR PRADESH - [West]</b>	248418	63381316	<b>63629734</b>	<b>5.41</b>
<b>WEST BENGAL</b>	166665	55071347	<b>55238012</b>	<b>4.69</b>
<b>KOLKATA</b>	618810	25733148	<b>26351958</b>	<b>2.24</b>
<b>DELHI</b>	3180237	53397467	<b>56577704</b>	<b>4.81</b>
<b>MUMBAI</b>	2858803	37829208	<b>40688011</b>	<b>3.46</b>
<b>TOTAL</b>	<b>19127410</b>	<b>1157667255</b>	<b>1176794665</b>	<b>100.00</b>

1 Source: BSNL/MTNL/COAI



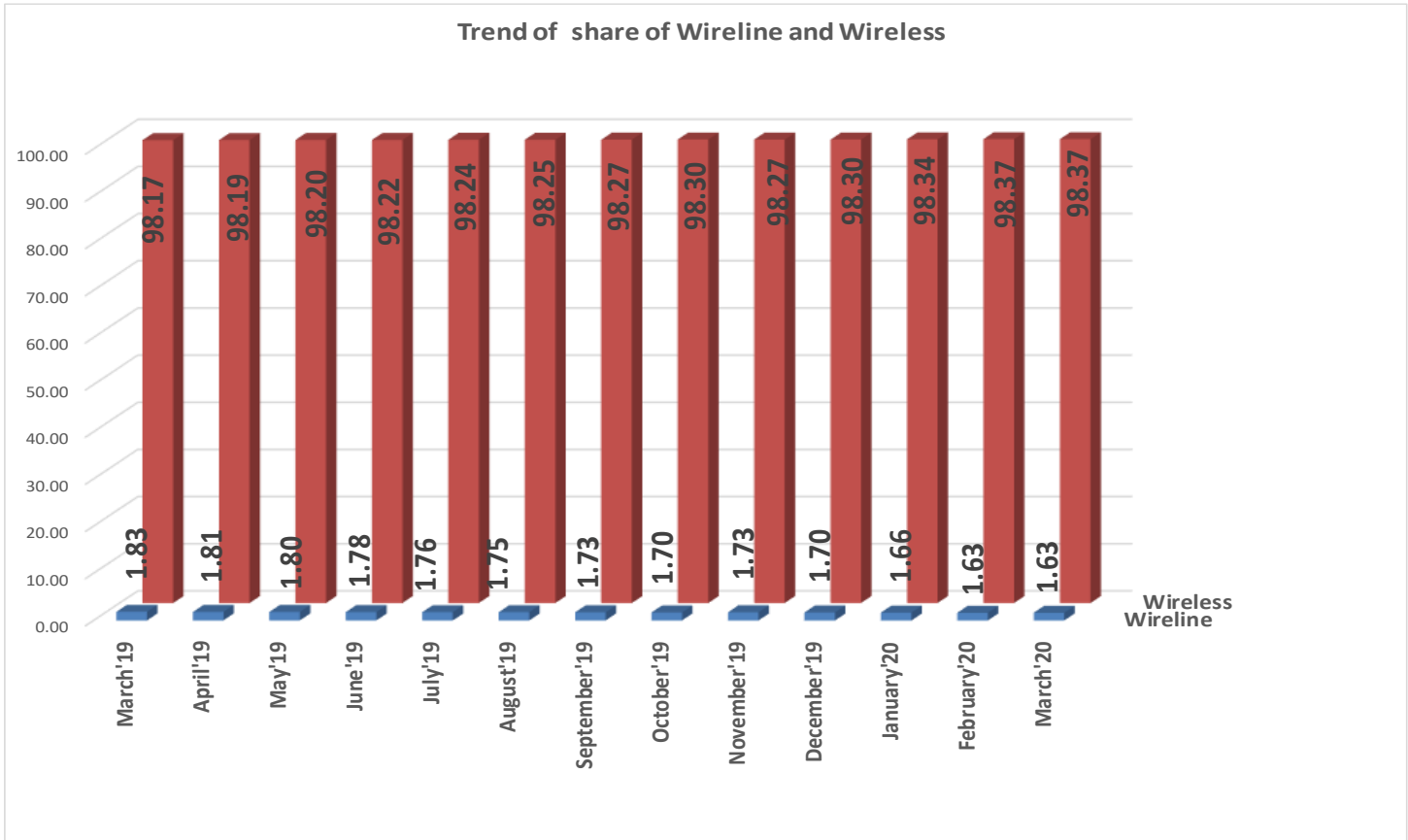
The overall tele-density at the end of March'20 stood at 88.66%. Among the Service areas, Himachal Pradesh (148.85%) had the highest tele-density followed by Punjab (123.52%), Kerala (123.19%), Tamil Nadu (115.45%) and Karnataka (108.19%). Among the three metros, Delhi Service Area topped in tele-density with 236.98%, followed by Mumbai (161.48%) and Kolkata (159.69%).

Teledensity : Service Area wise (in %age)													
Service Area	March'19	April'19	May'19	June'19	July'19	August'19	September'19	October'19	November'19	December'19	January'20	February'20	March'20
ANDHRA PRADESH	97.55	97.32	97.00	97.58	97.89	98.04	98.01	98.56	97.48	97.17	97.60	98.15	97.88
ASSAM	68.81	69.78	69.96	70.34	70.98	71.12	71.62	72.72	70.35	70.15	70.18	71.04	70.01
BIHAR	59.95	60.12	60.15	60.13	60.04	59.93	59.71	60.09	59.27	58.91	58.79	58.89	59.04
GUJARAT	107.21	106.09	106.35	106.17	105.90	105.65	105.60	106.13	103.77	103.33	103.81	102.56	103.51
HARYANA	97.66	97.19	97.54	97.94	98.02	98.53	98.84	100.22	97.43	96.91	97.20	97.30	96.14
HIMACHAL PRADESH	146.37	145.73	146.34	146.70	147.55	148.61	149.16	150.79	148.81	149.13	149.01	149.32	148.85
JAMMU & KASHMIR	89.43	89.49	89.33	90.36	91.20	90.11	89.16	88.81	77.39	81.15	90.47	92.27	92.91
KARNATAKA	110.04	108.85	108.94	109.64	109.81	110.61	110.89	110.99	108.52	107.96	107.92	108.32	108.19
KERALA	126.15	126.48	126.22	126.76	127.15	127.53	128.22	128.72	124.65	123.98	124.12	124.21	123.19
MADHYA PRADESH	70.11	70.36	70.47	70.32	70.13	70.16	70.24	71.34	69.29	69.45	69.07	68.65	69.40
MAHARASHTRA	92.83	92.75	92.33	92.29	92.77	92.72	92.93	93.86	91.99	91.63	92.30	92.30	91.55
NORTH-EAST	84.17	83.22	83.81	84.11	85.07	85.37	85.70	86.58	84.36	84.21	83.77	84.09	83.37
ORISSA	75.74	74.90	75.27	75.68	76.04	75.05	75.85	77.09	76.53	76.00	76.31	76.74	76.58
PUNJAB	125.35	125.19	124.94	125.22	125.24	126.48	127.11	128.65	124.24	123.71	123.67	124.29	123.52
RAJASTHAN	85.34	85.86	86.18	86.26	86.77	86.69	86.64	87.42	86.15	85.91	86.09	86.46	85.88
TAMIL NADU	116.94	116.79	116.40	116.33	116.48	116.77	116.99	117.55	115.93	115.44	115.46	116.02	115.45
UTTAR PRADESH - [East]	68.63	68.85	68.52	68.83	68.75	68.83	68.89	69.24	66.10	65.80	66.20	66.51	66.20
UTTAR PRADESH - [West]													
WEST BENGAL	71.39	71.14	70.00	69.90	69.92	69.97	70.05	70.47	68.53	68.12	68.10	68.53	67.80
KOLKATA	165.51	165.31	164.83	164.78	164.41	164.54	164.79	165.07	161.33	159.69	159.58	160.37	159.69
DELHI	238.57	239.54	240.49	240.53	241.28	241.87	241.74	242.50	237.72	236.76	237.30	238.47	236.98
MUMBAI	165.62	165.49	165.31	166.20	166.31	167.43	167.05	167.90	164.10	163.35	163.26	163.01	161.48
TOTAL	90.10	90.04	89.91	90.10	90.23	90.34	90.45	91.09	88.81	88.49	88.74	88.95	88.66

1. Source: BSNL/MTNL/COAI and O/o Registrar General

2. No separate population data is available for UPI(W); so UPI(E) and UPI(W) have been clubbed together to show the figures for UP.

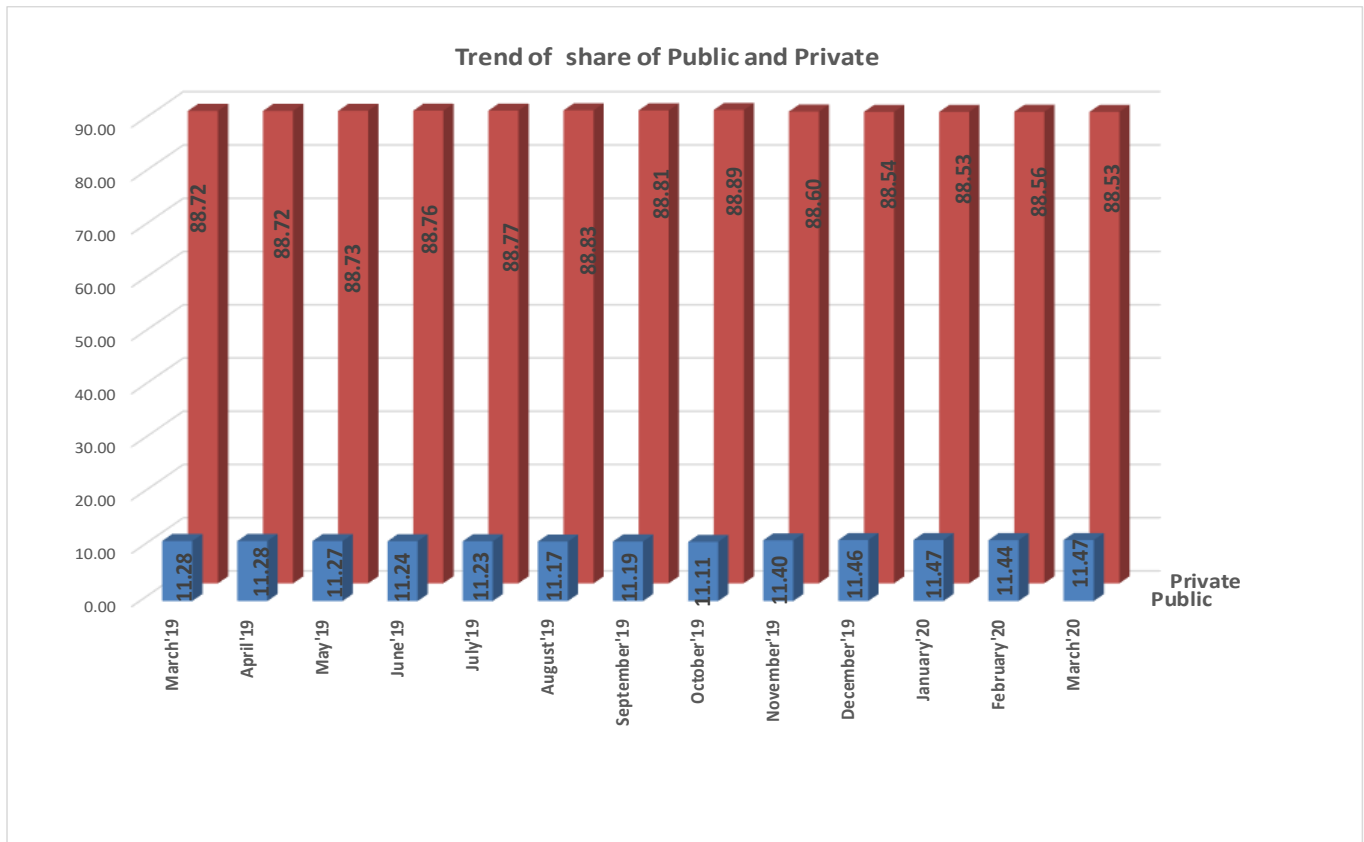
☞ The share of wireless segment in total connections stood at 98.37% by the end of March'20, while the share of wireline telephones was 1.63%.



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

Month	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
<b>March'19</b>	21695946	1161711472	<b>1183407418</b>	-21974550	1.83	98.17	-0.09	-1.85	-1.82
<b>2019-20</b>									
<b>April'19</b>	21472015	1162196242	<b>1183668257</b>	260839	1.81	98.19	-1.03	0.04	0.02
<b>May'19</b>	21289148	1161730274	<b>1183019422</b>	-648835	1.80	98.20	-0.85	-0.04	-0.05
<b>June'19</b>	21169532	1165359148	<b>1186528680</b>	3509258	1.78	98.22	-0.56	0.31	0.30
<b>July'19</b>	20964717	1168315373	<b>1189280090</b>	2751410	1.76	98.24	-0.97	0.25	0.23
<b>August'19</b>	20817909	1170975049	<b>1191792958</b>	2512868	1.75	98.25	-0.70	0.23	0.21
<b>September'19</b>	20633291	1173612584	<b>1194245875</b>	2452917	1.73	98.27	-0.89	0.23	0.21
<b>October'19</b>	20466350	1183256329	<b>1203722679</b>	9476804	1.70	98.30	-0.81	0.82	0.79
<b>November'19</b>	20266418	1154394458	<b>1174660876</b>	-29061803	1.73	98.27	-0.98	-2.44	-2.41
<b>December'19</b>	19953779	1151480361	<b>1171434140</b>	-3226736	1.70	98.30	-1.54	-0.25	-0.27
<b>January'20</b>	19529366	1156295530	<b>1175824896</b>	4390756	1.66	98.34	-2.13	0.42	0.37
<b>February'20</b>	19187811	1160477401	<b>1179665212</b>	3840316	1.63	98.37	-1.75	0.36	0.33
<b>March'20</b>	19127410	1157667255	<b>1176794665</b>	-2870547	1.63	98.37	-0.31	-0.24	-0.24

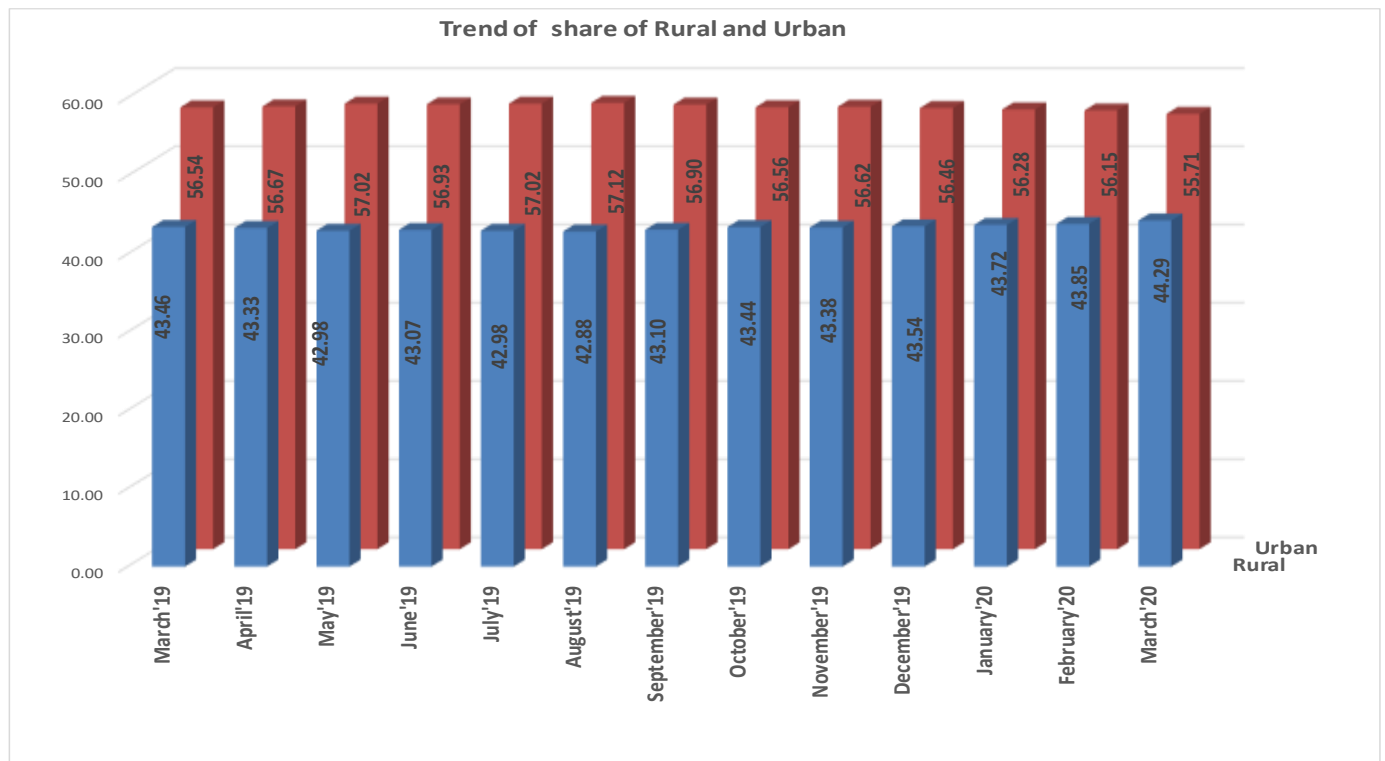
☞ In March'20, share of public sector in total telephones was 11.47%, as against 88.53% of the private sector. In February'20, it was 11.44% and 88.56% respectively.



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

Month	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
<b>March'19</b>	133507010	1049900408	<b>1183407418</b>	-710623	-21263927	11.28	88.72	-0.53	-1.99
<b>2019-20</b>									
<b>April'19</b>	133496437	1050171820	<b>1183668257</b>	-10573	271412	11.28	88.72	-0.01	0.03
<b>May'19</b>	133274353	1049745069	<b>1183019422</b>	-222084	-426751	11.27	88.73	-0.17	-0.04
<b>June'19</b>	133389198	1053139482	<b>1186528680</b>	114845	3394413	11.24	88.76	0.09	0.32
<b>July'19</b>	133584299	1055695791	<b>1189280090</b>	195101	2556309	11.23	88.77	0.15	0.24
<b>August'19</b>	133164033	1058628925	<b>1191792958</b>	-420266	2933134	11.17	88.83	-0.31	0.28
<b>September'19</b>	133626953	1060618922	<b>1194245875</b>	462920	1989997	11.19	88.81	0.35	0.19
<b>October'19</b>	133756966	1069965713	<b>1203722679</b>	130013	9346791	11.11	88.89	0.10	0.88
<b>November'19</b>	133860451	1040800425	<b>1174660876</b>	103485	-29165288	11.40	88.60	0.08	-2.73
<b>December'19</b>	134238190	1037195950	<b>1171434140</b>	377739	-3604475	11.46	88.54	0.28	-0.35
<b>January'20</b>	134824295	1041000601	<b>1175824896</b>	586105	3804651	11.47	88.53	0.44	0.37
<b>February'20</b>	134963218	1044701994	<b>1179665212</b>	138923	3701393	11.44	88.56	0.10	0.36
<b>March'20</b>	134971964	1041822701	<b>1176794665</b>	8746	-2879293	11.47	88.53	0.01	-0.28

☞ Share of rural areas in total telephones increased to 44.29% in March'20 against 43.85% of February'20. The share of urban areas, on the other hand, decreased to 55.71% from 56.15% in February'20.



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

Month	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
<b>March'19</b>	514266285	669141133	<b>1183407418</b>	-12160321	-9814229	43.46	56.54	-2.31	-1.45
<b>2019-20</b>									
<b>April'19</b>	512841024	670827233	<b>1183668257</b>	-1425261	1686100	43.33	56.67	-0.28	0.25
<b>May'19</b>	508423677	674595745	<b>1183019422</b>	-4417347	3768512	42.98	57.02	-0.86	0.56
<b>June'19</b>	511002667	675526013	<b>1186528680</b>	2578990	930268	43.07	56.93	0.51	0.14
<b>July'19</b>	511093137	678186953	<b>1189280090</b>	90470	2660940	42.98	57.02	0.02	0.39
<b>August'19</b>	510993173	680799785	<b>1191792958</b>	-99964	2612832	42.88	57.12	-0.02	0.39
<b>September'19</b>	514704170	679541705	<b>1194245875</b>	3710997	-1258080	43.10	56.90	0.73	-0.18
<b>October'19</b>	522911018	680811661	<b>1203722679</b>	8206848	1269956	43.44	56.56	1.59	0.19
<b>November'19</b>	509624673	665036203	<b>1174660876</b>	-13286345	-15775458	43.38	56.62	-2.54	-2.32
<b>December'19</b>	510022201	661411939	<b>1171434140</b>	397528	-3624264	43.54	56.46	0.08	-0.54
<b>January'20</b>	514017701	661807195	<b>1175824896</b>	3995500	395256	43.72	56.28	0.78	0.06
<b>February'20</b>	517335934	662329278	<b>1179665212</b>	3318233	522083	43.85	56.15	0.65	0.08
<b>March'20</b>	521255947	655538718	<b>1176794665</b>	3920013	-6790560	44.29	55.71	0.76	-1.03

☞ Overall teledensity for the month of March'20 stood at 88.66% as against 88.95% in February'20. The Teledensity for wireless segment was 87.22% whereas that of wireline segment is 1.44%. Teledensity reported in rural areas was 57.87% and that in the urban areas was 153.68%. In Public sector, teledensity was 10.17% and in Private sector, it was 78.49% for the month of March'20.

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

Month	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
March'19	57.50	159.66	<b>90.10</b>	1.65	88.45	10.16	79.94
<b>2019-20</b>							
April'19	57.31	159.83	<b>90.04</b>	1.63	88.41	10.16	79.89
May'19	56.78	160.49	<b>89.91</b>	1.62	88.30	10.13	79.78
June'19	57.04	160.47	<b>90.10</b>	1.61	88.49	10.13	79.97
July'19	57.01	160.87	<b>90.23</b>	1.59	88.64	10.14	80.10
August'19	56.97	161.25	<b>90.34</b>	1.58	88.76	10.09	80.25
September'19	57.35	160.71	<b>90.45</b>	1.56	88.89	10.12	80.33
October'19	58.23	160.78	<b>91.09</b>	1.55	89.54	10.12	80.96
November'19	56.71	156.82	<b>88.81</b>	1.53	87.28	10.12	78.69
December'19	56.72	155.74	<b>88.49</b>	1.51	86.98	10.14	78.35
January'20	57.13	155.60	<b>88.74</b>	1.47	87.27	10.18	78.57
February'20	57.47	155.50	<b>88.95</b>	1.45	87.51	10.18	78.78
March'20	57.87	153.68	<b>88.66</b>	1.44	87.22	10.17	78.49



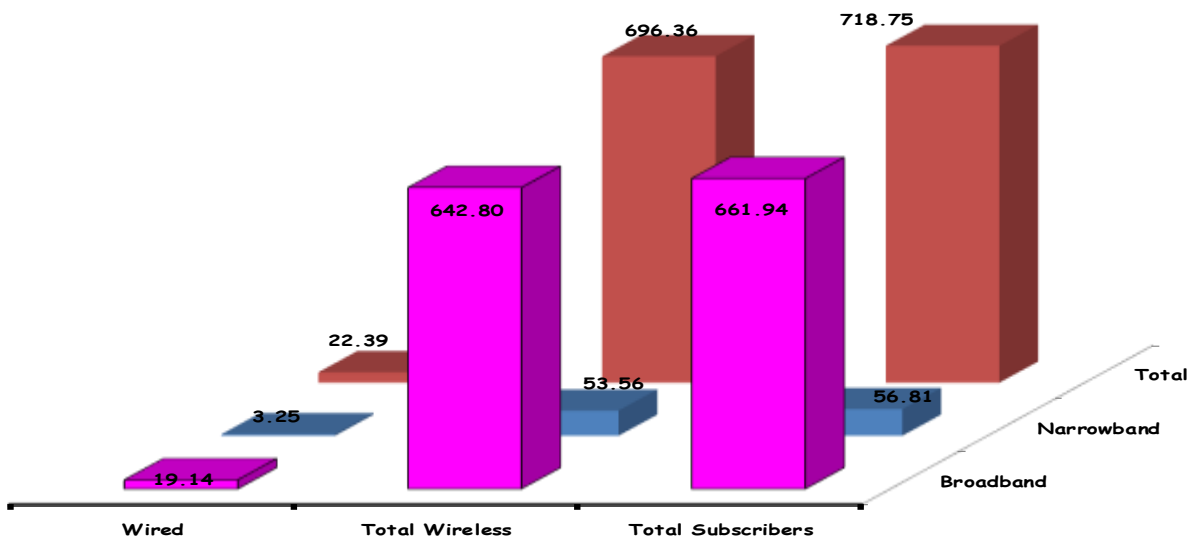
☞ The number of Internet subscribers (both broadband and narrowband put together) which was 604.21 million at the end of December, 2018 increased to 718.75 million by the end of December'19 registering a quarterly growth of 4.53% over July-September 2019. The number of subscribers accessing internet via wireless phones was 696.36 million at the end of December'19. The number of wired Internet subscribers was 22.39 million at the end of December'19.

**Trend of Internet Subscribers**

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

Internet Subscriber Base in India - December'19 * (in million)			
Segment	Wired	Total Wireless	Total
Broadband	19.14	642.80	661.94
Narrowband	3.25	53.56	56.81
<b>Total</b>	<b>22.39</b>	<b>696.36</b>	<b>718.75</b>
* As per the TRAI input			

**Internet Subscribers - December 2019 ( in millions)**



☞ The number of Broadband subscribers was 673.39 million at the end of January'20 as compared to 661.94 million in December'19, showing an increase of 1.73%.

<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>April'19</b>	18.41	553.53	571.94	1.53
<b>May'19</b>	18.45	563.06	581.51	1.67
<b>June'19</b>	18.42	576.17	594.59	2.25
<b>July'19</b>	18.52	585.6	604.12	1.60
<b>August'19</b>	18.32	597.11	615.43	1.87
<b>September'19</b>	19.01	606.41	625.42	1.62
<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

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