

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

Dated: June 11th, 2021

Subject: - Monthly Telecom Scenario as on 31st March'21.

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to March'21.

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11/6/21

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Economic Adviser

Monthly Telecom Scenario

March'21



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'21	February'21
Total Phones	million	1200.88	1187.73
Wireline		20.24	20.19
Wireless		1180.64	1167.54
Rural		537.11	529.88
Urban		663.77	657.85
Public		131.16	131.31
Private		1069.72	1056.42
<i>Wireline %age to Total Phones</i>		%age	1.69
<i>Wireless %age to Total Phones</i>	98.31		98.30
<i>Rural %age to Total Phones</i>	44.73		44.74
<i>Urban %age to Total Phones</i>	55.27		55.26
<i>Public %age to Total Phones</i>	10.92		11.18
<i>Private %age to Total Phones</i>	89.08		88.82
Overall Teledensity	%age	88.15	87.25
Wireline Teledensity		1.49	1.48
Wireless Teledensity		86.66	85.76
Rural Teledensity		60.17	59.38
Urban Teledensity		141.29	140.25
Public		9.63	9.65
Private		78.52	77.60
Teledensity: Top five Circles	%age		
<i>Himachal Pradesh</i>		152.50	151.67
<i>Kerala</i>		129.45	129.99
<i>Punjab</i>		125.27	124.28
<i>Tamil Nadu</i>		108.22	106.46
<i>Karnataka</i>		105.85	104.87
Teledensity: Metros			
<i>Delhi</i>	%age	282.01	277.98
<i>Kolkata</i>		163.86	162.21
<i>Mumbai</i>		158.26	154.56
Broadband	million	-	765.10



At the end of March'21, the total number of telephones was 1200.88 million, compared to 1187.73 million by the end of February'21, showing an increase of 13.15 million. Maximum rise in total telephone connections was recorded in Tamil Nadu (1400822) followed by Madhya Pradesh (1270818) and Bihar (1112774). However, Kerala recorded a fall in telephone connections over previous month, with a decrease of 177873.

Total Telephones : Service Area wise													
Service Area	March'20	April'20	May'20	June'20	July'20	August'20	September'20	October'20	November'20	December'20	January'21	February'21	March'21
ANDHRA PRADESH	89071010	88329847	87914733	87664626	87747440	87877039	88315789	88534729	88854503	88995376	89422667	89458238	90143027
ASSAM	23720985	23625085	23496688	23599920	23602560	23742871	23756442	23858531	23994397	24172735	24406135	24567153	24851659
BIHAR	84882817	83634257	83961609	83848825	83682543	84402792	84473656	84579072	84854105	85104667	85648301	85542566	86655340
GUJARAT	68795414	67633631	67126020	67195439	67495914	68007790	67747626	68290377	68538581	68745851	69002926	69561221	70360433
HARYANA	27912497	27719208	27531387	27506776	27483715	27652418	27595641	27673054	27720499	27362244	27417578	27794755	28108730
HIMACHAL PRADESH	10888377	10842518	10784560	10830829	10907223	11028384	11001241	11035660	11065743	11143049	11242895	11214698	11280717
JAMMU & KASHMIR	11981508	11941080	11908060	11930385	11993396	11800188	11884190	11852280	11839826	11960104	12094077	12113175	12206319
KARNATAKA	69723665	69077009	68884330	68805760	68667440	68971953	69191678	69445733	69517445	69407681	69597565	70099157	70792799
KERALA	44975881	44603361	44752977	45086306	45304263	45725284	45463221	45532224	45810740	45976857	46070975	46222166	46044293
MADHYA PRADESH	75853270	75480096	75201048	75185837	75958588	75950126	76472290	76661067	77427971	76227873	76751128	77323774	78594592
MAHARASHTRA	94112503	92780602	92563331	92592081	92688193	93486246	93069202	93751660	94267349	94535189	94652172	95360511	96174005
NORTH-EAST	12113540	12007582	11971270	11973775	11974933	12022679	12088161	12160564	12233415	12314179	12441262	12447027	12553773
ORISSA	33532979	33324272	33242332	33176103	33298232	33477040	33509437	33518589	33555904	33720963	34060690	34219889	34555692
PUNJAB	39834984	39566329	39372192	39200978	39301854	39382218	39508617	39657189	39716331	38416046	38458745	39205464	39541603
RAJASTHAN	65984515	65471743	65107961	64845476	65086052	65383200	65637409	65580330	65555304	65631170	66088155	66287397	66770438
TAMIL NADU	83801347	83111811	82693003	82447482	82425426	81265670	81416679	81944704	82341568	82293246	82721101	83006548	84407370
UTTAR PRADESH - [East]	97123954	98312188	98271430	98270075	99694939	98292059	98140262	98228577	98508133	98981055	99653639	100188191	101170267
UTTAR PRADESH - [West]	63629734	63069092	62569875	62338977	62192250	62767320	62244044	62298175	62660896	62738146	62782056	63315643	63959345
WEST BENGAL	55238012	55242998	54834178	54986317	54819250	54669253	55065961	55041394	55021181	55108051	55462895	55985533	56548057
KOLKATA	26351958	26165604	26014606	26013609	26533704	26829045	26792101	26818648	26834342	26876843	26959670	27004308	27348582
DELHI	56577704	56005982	55566974	55327068	55480858	55583189	55856607	56117362	56260411	56040955	56511054	57183687	58104641
MUMBAI	40688011	40276261	39810072	39531122	39223914	39378855	39269202	39143103	38645497	38009714	37936866	39629821	40705869
TOTAL	1176794665	1168221011	1163578636	1162357766	1165562687	1167695619	1168499456	1171723022	1175224141	1173761994	1179382552	1187730922	1200877551

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 (8.01%), Andhra Pradesh (7.51%), Bihar (7.22%) and Tamil Nadu (7.03%). These five Service areas taken together accounted for 38.19% of total telephone connections in India.

Telephones during the month of March'21				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1409981	88733046	90143027	7.51
ASSAM	132928	24718731	24851659	2.07
BIHAR	239533	86415807	86655340	7.22
GUJARAT	950895	69409538	70360433	5.86
HARYANA	230142	27878588	28108730	2.34
HIMACHAL PRADESH	89035	11191682	11280717	0.94
JAMMU & KASHMIR	168276	12038043	12206319	1.02
KARNATAKA	2155771	68637028	70792799	5.90
KERALA	1206471	44837822	46044293	3.83
MADHYA PRADESH	719916	77874676	78594592	6.54
MAHARASHTRA	1262338	94911667	96174005	8.01
NORTH-EAST	102523	12451250	12553773	1.05
ORISSA	211563	34344129	34555692	2.88
PUNJAB	706409	38835194	39541603	3.29
RAJASTHAN	470734	66299704	66770438	5.56
TAMIL NADU	1887211	82520159	84407370	7.03
UTTAR PRADESH - [East]	412077	100758190	101170267	8.42
UTTAR PRADESH - [West]	342632	63616713	63959345	5.33
WEST BENGAL	259259	56288798	56548057	4.71
KOLKATA	674786	26673796	27348582	2.28
DELHI	3550469	54554172	58104641	4.84
MUMBAI	3056720	37649149	40705869	3.39
TOTAL	20239669	1180637882	1200877551	100.00

1 Source: BSNL/MTNL/COAI

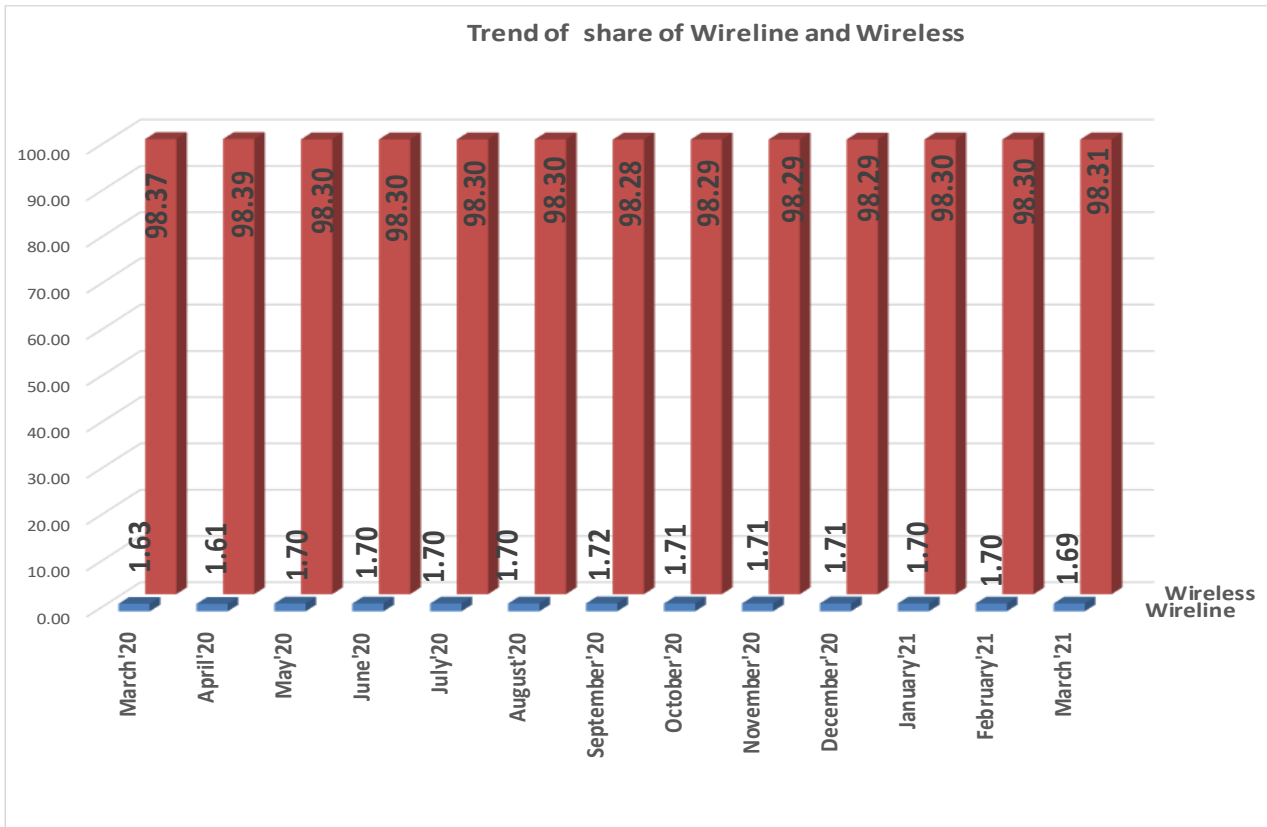
☞ The overall tele-density at the end of March'21 stood at 88.15%. Among the Service areas, Himachal Pradesh (152.50%) had the highest tele-density followed by Kerala (129.45%), Punjab (125.27%), Tamil Nadu (108.22%) and Karnataka (105.85%). Among the three metros, Delhi Service Area topped in tele-density with 282.01%, followed by Kolkata (163.86%) and Mumbai (158.26%).

Teledensity : Service Area wise (in %age)													
Service Area	March'20	April'20	May'20	June'20	July'20	August'20	September'20	October'20	November'20	December'20	January'21	February'21	March'21
ANDHRA PRADESH	97.88	98.07	97.56	97.24	97.28	97.38	97.81	98.01	98.31	98.42	98.85	98.84	99.56
ASSAM	70.01	68.02	67.59	67.83	67.78	68.12	68.10	68.33	68.66	69.10	69.71	70.11	70.86
BIHAR	59.04	52.39	52.54	52.40	52.23	52.62	52.60	52.60	52.71	52.80	53.08	52.95	53.57
GUJARAT	103.51	96.56	95.72	95.71	96.02	96.64	96.16	96.81	97.05	97.23	97.49	98.16	99.18
HARYANA	96.14	95.11	94.35	94.16	93.97	94.44	94.14	94.29	94.35	93.02	93.10	94.27	95.24
HIMACHAL PRADESH	148.85	147.42	146.55	147.10	148.06	149.62	149.19	149.58	149.90	150.87	152.14	151.67	152.50
JAMMU & KASHMIR	92.91	87.69	87.39	87.50	87.90	86.43	86.99	86.70	86.55	87.38	88.30	88.39	89.01
KARNATAKA	108.19	104.02	103.66	103.47	103.20	103.59	103.85	104.16	104.20	103.97	104.19	104.87	105.85
KERALA	123.19	125.98	126.35	127.23	127.79	128.93	128.13	128.27	129.00	129.41	129.62	129.99	129.45
MADHYA PRADESH	69.40	66.95	66.63	66.54	67.15	67.07	67.45	67.54	68.14	67.01	67.40	67.82	68.87
MAHARASHTRA	91.55	92.97	92.70	92.68	92.72	93.47	93.00	93.63	94.09	94.31	94.37	95.02	95.83
NORTH-EAST	83.37	78.27	77.97	77.92	77.87	78.11	78.48	78.89	79.29	79.76	80.51	80.49	81.11
ORISSA	76.58	75.94	75.73	75.55	75.80	76.18	76.23	76.23	76.28	76.63	77.38	77.71	78.46
PUNJAB	123.52	126.27	125.57	124.94	125.17	125.34	125.66	126.05	126.15	121.94	121.99	124.28	125.27
RAJASTHAN	85.88	83.47	82.91	82.49	82.71	83.00	83.23	83.07	82.95	82.96	83.45	83.61	84.14
TAMIL NADU	115.45	107.03	106.45	106.09	106.02	104.48	104.63	105.27	105.73	105.63	106.13	106.46	108.22
UTTAR PRADESH - [East]	66.20	67.32	67.02	66.85	67.31	66.90	66.54	66.53	66.73	66.88	67.11	67.48	68.09
UTTAR PRADESH - [West]													
WEST BENGAL	67.80	67.23	66.70	66.85	66.62	66.41	66.86	66.80	66.74	66.82	67.21	67.82	68.50
KOLKATA	159.69	158.44	157.40	157.26	160.28	161.93	161.58	161.61	161.57	161.70	162.08	162.21	163.86
DELHI	236.98	276.49	273.89	272.29	272.62	272.71	273.62	274.48	274.75	273.26	275.13	277.98	282.01
MUMBAI	161.48	159.59	157.50	156.14	154.68	155.05	154.37	153.63	151.44	148.71	148.19	154.56	158.26
TOTAL	88.66	86.57	86.15	85.98	86.14	86.23	86.21	86.37	86.55	86.37	86.71	87.25	88.15

1. Source: BSNL/MTNL/COAI and Olo 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.

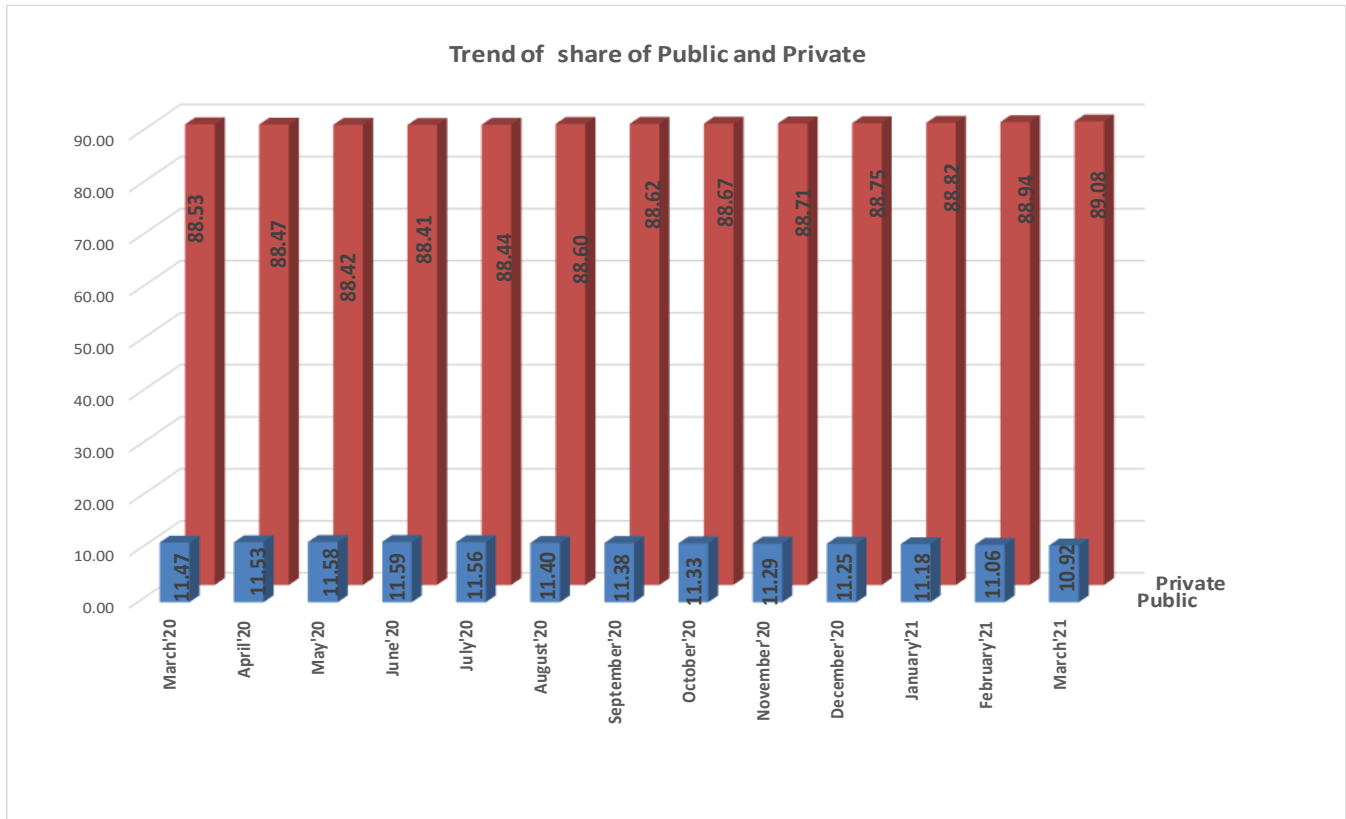
☞ The share of wireless segment in total connections stood at 98.31% by the end of March'21, while the share of wireline telephones was 1.69%.



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
2020-21									
April'20	18778207	1149442804	1168221011	-8573654	1.61	98.39	-1.83	-0.71	-0.73
May'20	19766621	1143812015	1163578636	-4642375	1.70	98.30	5.26	-0.49	-0.40
June'20	19810552	1142547214	1162357766	-1220870	1.70	98.30	0.22	-0.11	-0.10
July'20	19820419	1145742268	1165562687	3204921	1.70	98.30	0.05	0.28	0.28
August'20	19887367	1147808252	1167695619	2132932	1.70	98.30	0.34	0.18	0.18
September'20	20051795	1148447661	1168499456	803837	1.72	98.28	0.83	0.06	0.07
October'20	19989847	1151733175	1171723022	3223566	1.71	98.29	-0.31	0.29	0.28
November'20	20069720	1155154421	1175224141	3501119	1.71	98.29	0.40	0.30	0.30
December'20	20052162	1153709832	1173761994	-1462147	1.71	98.29	-0.09	-0.13	-0.12
January'21	20078493	1159304059	1179382552	5620558	1.70	98.30	0.13	0.48	0.48
February'21	20186633	1167544289	1187730922	8348370	1.70	98.30	0.54	0.71	0.71
March'21	20239669	1180637882	1200877551	13146629	1.69	98.31	0.26	1.12	1.11

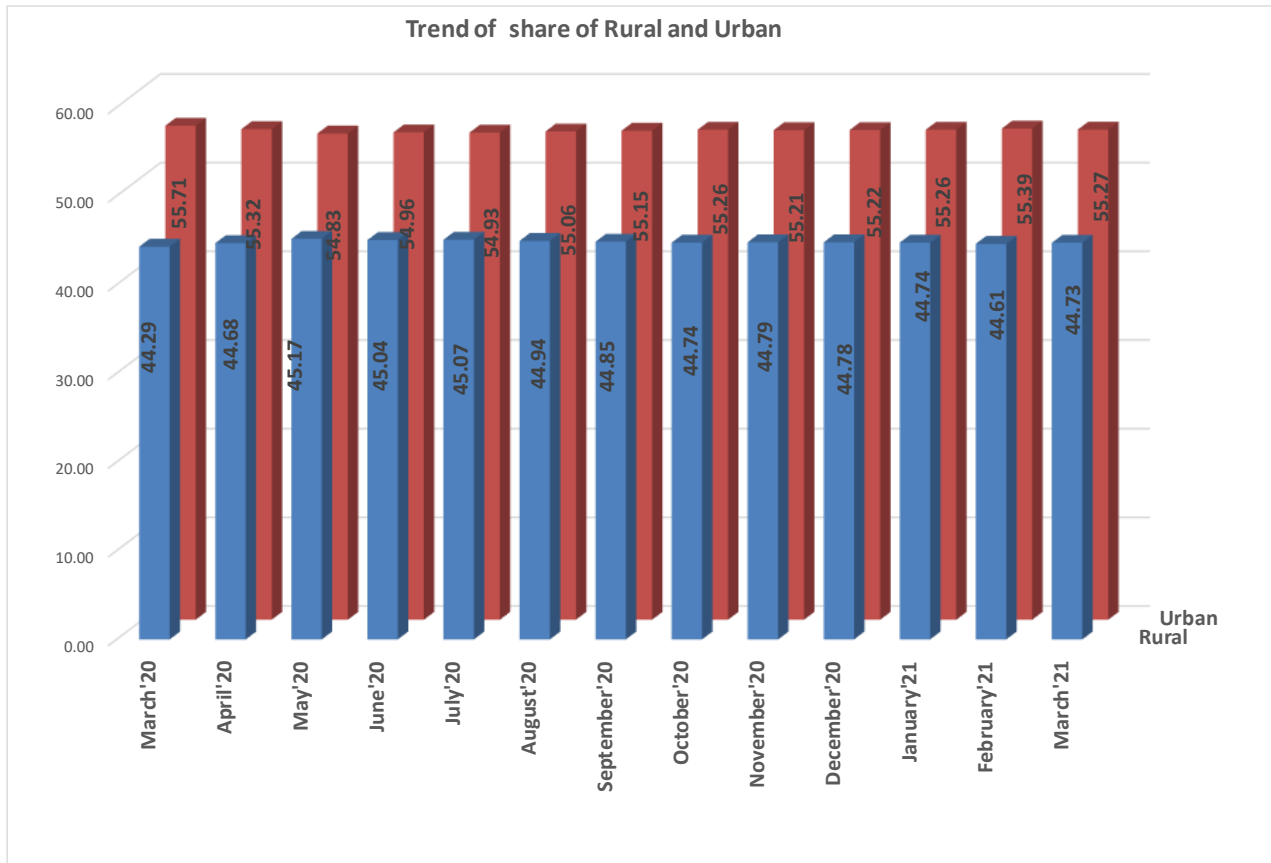
👉 In March'21, share of public sector in total telephones was 10.92%, as against 89.08% of the private sector. In February'21, it was 11.06% and 88.94% respectively.



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
2020-21									
April'20	134719111	1033501900	1168221011	-252853	-8320801	11.53	88.47	-0.19	-0.80
May'20	134763291	1028815345	1163578636	44180	-4686555	11.58	88.42	0.03	-0.45
June'20	134766070	1027591696	1162357766	2779	-1223649	11.59	88.41	0.00	-0.12
July'20	134709044	1030853643	1165562687	-57026	3261947	11.56	88.44	-0.04	0.32
August'20	133114406	1034581213	1167695619	-1594638	3727570	11.40	88.60	-1.18	0.36
September'20	132965468	1035533988	1168499456	-148938	952775	11.38	88.62	-0.11	0.09
October'20	132804676	1038918346	1171723022	-160792	3384358	11.33	88.67	-0.12	0.33
November'20	132652682	1042571459	1175224141	-151994	3653113	11.29	88.71	-0.11	0.35
December'20	132091332	1041670662	1173761994	-561350	-900797	11.25	88.75	-0.42	-0.09
January'21	131887484	1047495068	1179382552	-203848	5824406	11.18	88.82	-0.15	0.56
February'21	131310178	1056420744	1187730922	-577306	8925676	11.06	88.94	-0.44	0.85
March'21	131159277	1069718274	1200877551	-150901	13297530	10.92	89.08	-0.11	1.26

☞ Share of rural areas in total telephones increased to 44.73% in March'21 against 44.61% of February'21. The share of urban areas, on the other hand, decreased to 55.27% in March'21 from 55.39% in February'21.



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
2020-21									
April'20	521996276	646224735	1168221011	740329	-9313983	44.68	55.32	0.14	-1.42
May'20	525558491	638020145	1163578636	3562215	-8204590	45.17	54.83	0.68	-1.27
June'20	523534507	638823259	1162357766	-2023984	803114	45.04	54.96	-0.39	0.13
July'20	525372980	640189707	1165562687	1838473	1366448	45.07	54.93	0.35	0.21
August'20	524748650	642946969	1167695619	-624330	2757262	44.94	55.06	-0.12	0.43
September'20	524083184	644416272	1168499456	-665466	1469303	44.85	55.15	-0.13	0.23
October'20	524175951	647547071	1171723022	92767	3130799	44.74	55.26	0.02	0.49
November'20	526397145	648826996	1175224141	2221194	1279925	44.79	55.21	0.42	0.20
December'20	525644226	648117768	1173761994	-752919	-709228	44.78	55.22	-0.14	-0.11
January'21	527624697	651757855	1179382552	1980471	3640087	44.74	55.26	0.38	0.56
February'21	529876444	657854478	1187730922	2251747	6096623	44.61	55.39	0.43	0.94
March'21	537113804	663763747	1200877551	7237360	5909269	44.73	55.27	1.37	0.90

☞ Overall teledensity for the month of March'21 stood at 88.15% as against 87.25% in February'21. The Teledensity for wireless segment was 86.66% whereas that of wireline segment is 1.49%. Teledensity reported in rural areas was 60.17% and that in the urban areas was 141.29%. In Public sector, teledensity was 9.63% and in Private sector, it was 78.52% for the month of March'21.

Tele-density

Month	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
March'20	57.87	153.68	88.66	1.44	87.22	10.17	78.49
2020-21							
April'20	58.77	140.02	86.57	1.39	85.18	9.98	76.58
May'20	59.15	138.06	86.15	1.46	84.68	9.98	76.17
June'20	58.89	138.00	85.98	1.47	84.52	9.97	76.01
July'20	59.07	138.07	86.14	1.46	84.68	9.96	76.19
August'20	58.97	138.43	86.23	1.47	84.76	9.83	76.40
September'20	58.87	138.52	86.21	1.48	84.73	9.81	76.40
October'20	58.85	138.97	86.37	1.47	84.90	9.79	76.58
November'20	59.08	139.01	86.55	1.48	85.08	9.77	76.78
December'20	58.96	138.63	86.37	1.48	84.90	9.72	76.65
January'21	59.16	139.18	86.71	1.48	85.23	9.70	77.01
February'21	59.38	140.25	87.25	1.48	85.76	9.65	77.60
March'21	60.17	141.29	88.15	1.49	86.66	9.63	78.52

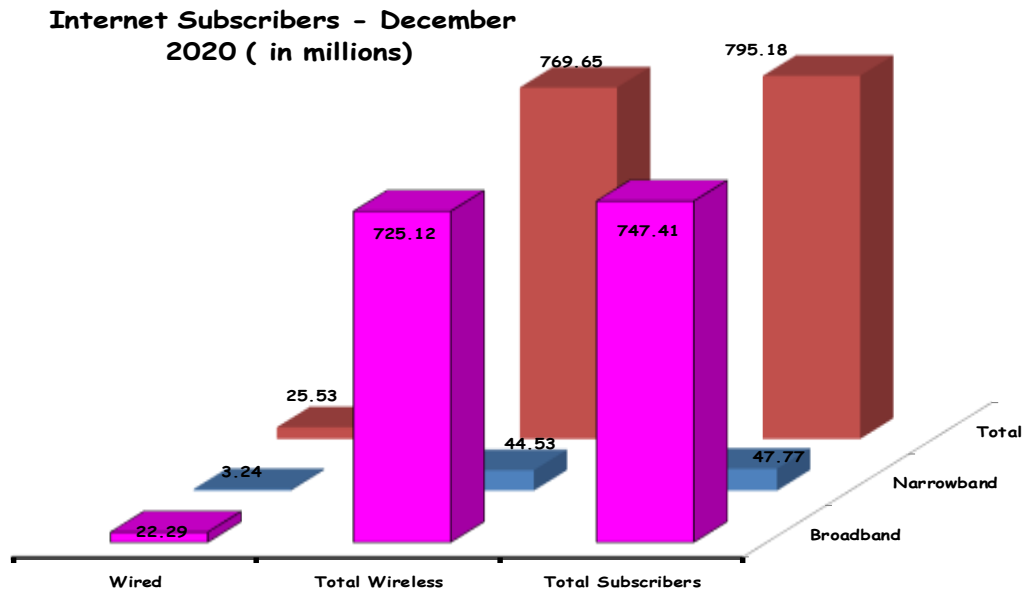
The number of Internet subscribers (both broadband and narrowband put together) which was 718.75 million at the end of December'19 increased to 795.18 million by the end of December'20. The number of subscribers accessing internet via wireless phones was 769.65 million at the end of December'20. The number of wired Internet subscribers was 25.53 million at the end of December'20.

Trend of Internet Subscribers

Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	September'19	December'19	March'20	June'20	September'20	December'20
	687.63	718.75	743.19	749.07	776.45	795.18
Quarterly Growth (in Percentage)	3.35	4.53	3.40	0.79	3.66	2.41

Internet Subscriber Base in India - December'20 (in million)			
Segment	Wired	Total Wireless	Total
Broadband	22.29	725.12	747.41
Narrowband	3.24	44.53	47.77
Total	25.53	769.65	795.18
Source: TRAI			

Composition of Internet Subscribers December'20							
Parameters	Rural	Urban	Total	Wireline	Wireless	Private	Public
December'20	308.17	487.01	795.18	25.54	769.64	761.33	33.85



☞ The number of Broadband subscribers was 765.10 million at the end of February'21 as compared to 757.60 million in January'21, showing an increase of 0.99%.

Broadband Subscribers in India (In millions)				
At the end of	Wired	Total Wireless	Total Subscribers	% growth
January'20	19.08	654.31	673.39	1.73
February'20	19.07	662.03	681.10	1.14
March'20	19.18	668.26	687.44	0.93
April'20	19.02	657.12	676.14	-1.64
May'20	19.38	664.39	683.77	1.13
June'20	19.82	678.41	698.23	2.11
July'20	20.13	685.28	705.41	1.03
August'20	20.47	695.72	716.19	1.53
September'20	21.12	705.21	726.33	1.42
October'20	21.51	713.32	734.83	1.17
November'20	21.89	720.18	742.07	0.99
December'20	22.29	725.11	747.40	0.72
January'21	22.67	734.93	757.60	1.36
February'21	22.26	742.84	765.10	0.99
