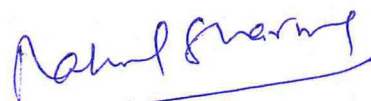


No. 18-06/2016-STT(T) Pt.II
Government of India
Ministry of Communication
DEPARTMENT OF TELECOM
(STT - Section)

Dated: February 17, 2021

Subject: - Monthly Telecom Scenario for November 2020 and December 2020.

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



(Rahul Sharma)
Director (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:

Economic Adviser

Monthly Telecom Scenario

December'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	December'20	November'20
Total Phones		1173.76	1175.22
Wireline	million	20.05	20.07
Wireless		1153.71	1155.15
Rural		525.64	526.40
Urban		648.12	648.82
Public		132.09	132.65
Private		1041.67	1042.57
Wireline %age to Total Phones		%age	1.71
Wireless %age to Total Phones	98.29		98.29
Rural %age to Total Phones	44.78		44.79
Urban %age to Total Phones	55.22		55.21
Public %age to Total Phones	11.25		11.29
Private %age to Total Phones	88.75		88.71
Overall Teledensity		86.37	86.55
Wireline Teledensity	%age	1.48	1.48
Wireless Teledensity		84.90	85.08
Rural Teledensity		58.96	59.08
Urban Teledensity		138.63	139.01
Public		9.72	9.77
Private		76.65	76.78
Teledensity: Top five Circles			
Himachal Pradesh	%age	150.87	149.90
Kerala		129.41	129.00
Punjab		121.94	126.15
Tamil Nadu		105.63	105.73
Karnataka		103.97	104.20
Teledensity: Metros			
Delhi	%age	273.26	274.75
Kolkata		161.70	161.57
Mumbai		148.71	151.44
Broadband	million	-	742.06



At the end of December'20, the total number of telephones was 1173.76 million, compared to 1175.22 million by the end of November'20, showing a decrease of 1.46 million. Maximum rise in total telephone connections was recorded in Uttar Pradesh - [East] (472922) followed by Maharashtra (267840) and Bihar (250562). However, Punjab, Madhya Pradesh and Mumbai recorded a fall in telephone connections over previous month, with a decrease of 1300285, 1200098 & 635783 respectively.

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
ANDHRA PRADESH	89071010	88329847	87914733	87664626	87747440	87877039	88315789	88534729	88854503	88995376
ASSAM	23720985	23625085	23496688	23599920	23602560	23742871	23756442	23858531	23994397	24172735
BIHAR	84882817	83634257	83961609	83848825	83682543	84402792	84473656	84579072	84854105	85104667
GUJARAT	68795414	67633631	67126020	67195439	67495914	68007790	67747626	68290377	68538581	68745851
HARYANA	27912497	27719208	27531387	27506776	27483715	27652418	27595641	27673054	27720499	27362244
HIMACHAL PRADESH	10888377	10842518	10784560	10830829	10907223	11028384	11001241	11035660	11065743	11143049
JAMMU & KASHMIR	11981508	11941080	11908060	11930385	11993396	11800188	11884190	11852280	11839826	11960104
KARNATAKA	69723665	69077009	68884330	68805760	68667440	68971953	69191678	69445733	69517445	69407681
KERALA	44975881	44603361	44752977	45086306	45304263	45725284	45463221	45532224	45810740	45976857
MADHYA PRADESH	75853270	75480096	75201048	75185837	75958588	75950126	76472290	76661067	77427971	76227873
MAHARASHTRA	94112503	92780602	92563331	92592081	92688193	93486246	93069202	93751660	94267349	94535189
NORTH-EAST	12113540	12007582	11971270	11973775	11974933	12022679	12088161	12160564	12233415	12314179
ORISSA	33532979	33324272	33242332	33176103	33298232	33477040	33509437	33518589	33555904	33720963
PUNJAB	39834984	39566329	39372192	39200978	39301854	39382218	39508617	39657189	39716331	38416046
RAJASTHAN	65984515	65471743	65107961	64845476	65086052	65383200	65637409	65580330	65555304	65631170
TAMIL NADU	83801347	83111811	82693003	82447482	82425426	81265670	81416679	81944704	82341568	82293246
UTTAR PRADESH - [East]	97123954	98312188	98271430	98270075	99694939	98292059	98140262	98228577	98508133	98981055
UTTAR PRADESH - [West]	63629734	63069092	62569875	62338977	62192250	62767320	62244044	62298175	62660896	62738146
WEST BENGAL	55238012	55242998	54834178	54986317	54819250	54669253	55065961	55041394	55021181	55108051
KOLKATA	26351958	26165604	26014606	26013609	26533704	26829045	26792101	26818648	26834342	26876843
DELHI	56577704	56005982	55566974	55327068	55480858	55583189	55856607	56117362	56260411	56040955
MUMBAI	40688011	40276261	39810072	39531122	39223914	39378855	39269202	39143103	38645497	38009714
TOTAL	1176794665	1168221011	1163578636	1162357766	1165562687	1167695619	1168499456	1171723022	1175224141	1173761994

1 Source: BSNL/MTNL/COAI



Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.43%) followed by Maharashtra (8.05%), Andhra Pradesh (7.58%), Bihar (7.25%) and Tamil Nadu (7.01%). These five Service areas taken together accounted for 38.32% of total telephone connections in India.

Telephones during the month of December'20				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1377579	87617797	88995376	7.58
ASSAM	125867	24046868	24172735	2.06
BIHAR	213145	84891522	85104667	7.25
GUJARAT	962135	67783716	68745851	5.86
HARYANA	228960	27133284	27362244	2.33
HIMACHAL PRADESH	89275	11053774	11143049	0.95
JAMMU & KASHMIR	158309	11801795	11960104	1.02
KARNATAKA	2178129	67229552	69407681	5.91
KERALA	1299169	44677688	45976857	3.92
MADHYA PRADESH	693448	75534425	76227873	6.49
MAHARASHTRA	1265817	93269372	94535189	8.05
NORTH-EAST	99742	12214437	12314179	1.05
ORISSA	206323	33514640	33720963	2.87
PUNJAB	690966	37725080	38416046	3.27
RAJASTHAN	467110	65164060	65631170	5.59
TAMIL NADU	1923035	80370211	82293246	7.01
UTTAR PRADESH - [East]	387007	98594048	98981055	8.43
UTTAR PRADESH - [West]	309378	62428768	62738146	5.35
WEST BENGAL	244435	54863616	55108051	4.69
KOLKATA	665640	26211203	26876843	2.29
DELHI	3446513	52594442	56040955	4.77
MUMBAI	3020180	34989534	38009714	3.24
TOTAL	20052162	1153709832	1173761994	100.00

1 Source: BSNL/MTNL/COAI

☞ The overall tele-density at the end of December'20 stood at 86.37%. Among the Service areas, Himachal Pradesh (150.87%) had the highest tele-density followed by Kerala (129.41%), Punjab (121.94%), Tamil Nadu (105.63%) and Karnataka (103.97%). Among the three metros, Delhi Service Area topped in tele-density with 273.26%, followed by Kolkata (161.70%) and Mumbai (148.71%).

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
ANDHRA PRADESH	97.88	98.07	97.56	97.24	97.28	97.38	97.81	98.01	98.31	98.42
ASSAM	70.01	68.02	67.59	67.83	67.78	68.12	68.10	68.33	68.66	69.10
BIHAR	59.04	52.39	52.54	52.40	52.23	52.62	52.60	52.60	52.71	52.80
GUJARAT	103.51	96.56	95.72	95.71	96.02	96.64	96.16	96.81	97.05	97.23
HARYANA	96.14	95.11	94.35	94.16	93.97	94.44	94.14	94.29	94.35	93.02
HIMACHAL PRADESH	148.85	147.42	146.55	147.10	148.06	149.62	149.19	149.58	149.90	150.87
JAMMU & KASHMIR	92.91	87.69	87.39	87.50	87.90	86.43	86.99	86.70	86.55	87.38
KARNATAKA	108.19	104.02	103.66	103.47	103.20	103.59	103.85	104.16	104.20	103.97
KERALA	123.19	125.98	126.35	127.23	127.79	128.93	128.13	128.27	129.00	129.41
MADHYA PRADESH	69.40	66.95	66.63	66.54	67.15	67.07	67.45	67.54	68.14	67.01
MAHARASHTRA	91.55	92.97	92.70	92.68	92.72	93.47	93.00	93.63	94.09	94.31
NORTH-EAST	83.37	78.27	77.97	77.92	77.87	78.11	78.48	78.89	79.29	79.76
ORISSA	76.58	75.94	75.73	75.55	75.80	76.18	76.23	76.23	76.28	76.63
PUNJAB	123.52	126.27	125.57	124.94	125.17	125.34	125.66	126.05	126.15	121.94
RAJASTHAN	85.88	83.47	82.91	82.49	82.71	83.00	83.23	83.07	82.95	82.96
TAMIL NADU	115.45	107.03	106.45	106.09	106.02	104.48	104.63	105.27	105.73	105.63
UTTAR PRADESH - [East]	66.20	67.32	67.02	66.85	67.31	66.90	66.54	66.53	66.73	66.88
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
KOLKATA	159.69	158.44	157.40	157.26	160.28	161.93	161.58	161.61	161.57	161.70
DELHI	236.98	276.49	273.89	272.29	272.62	272.71	273.62	274.48	274.75	273.26
MUMBAI	161.48	159.59	157.50	156.14	154.68	155.05	154.37	153.63	151.44	148.71
TOTAL	88.66	86.57	86.15	85.98	86.14	86.23	86.21	86.37	86.55	86.37
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.										

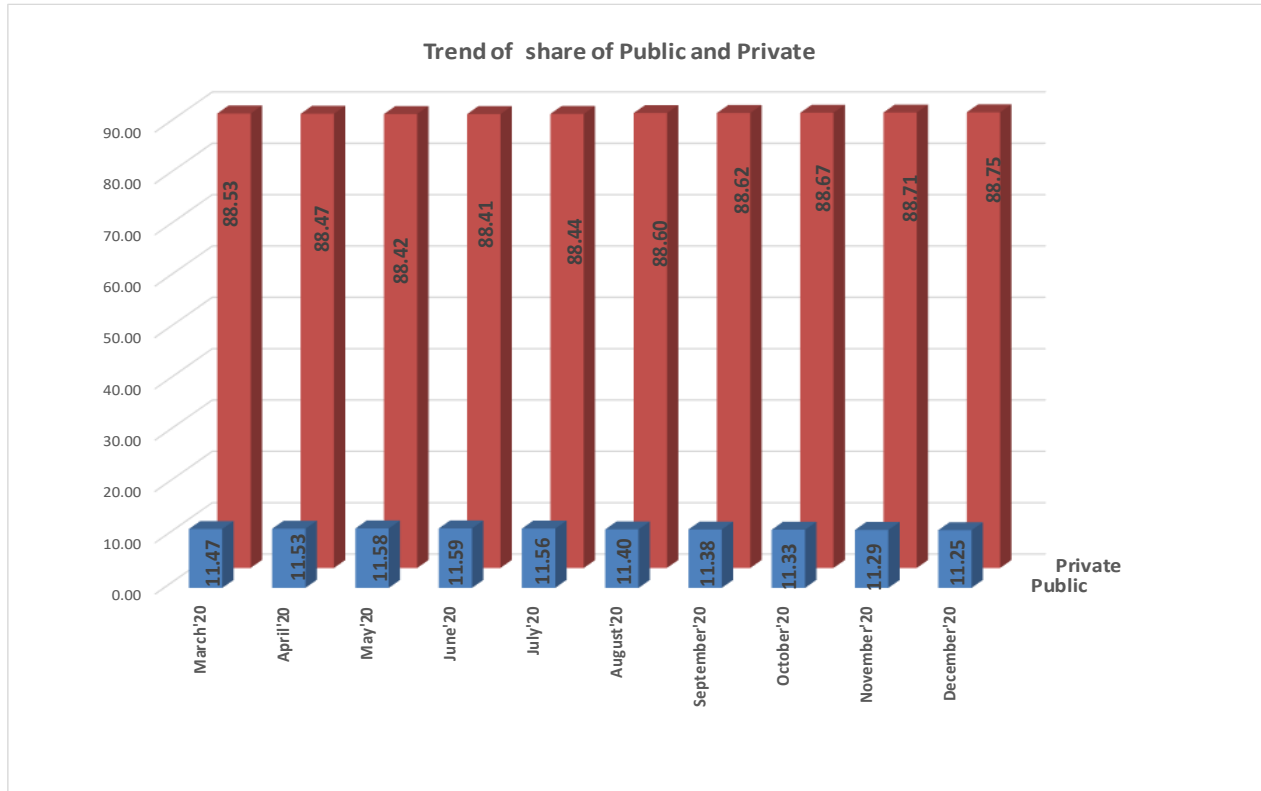
☞ The share of wireless segment in total connections stood at 98.29% by the end of December'20, while the share of wireline telephones was 1.71%.



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

☞ In December'20, share of public sector in total telephones was 11.25%, as against 88.75% of the private sector. In November'20, it was 11.29% and 88.71% respectively.

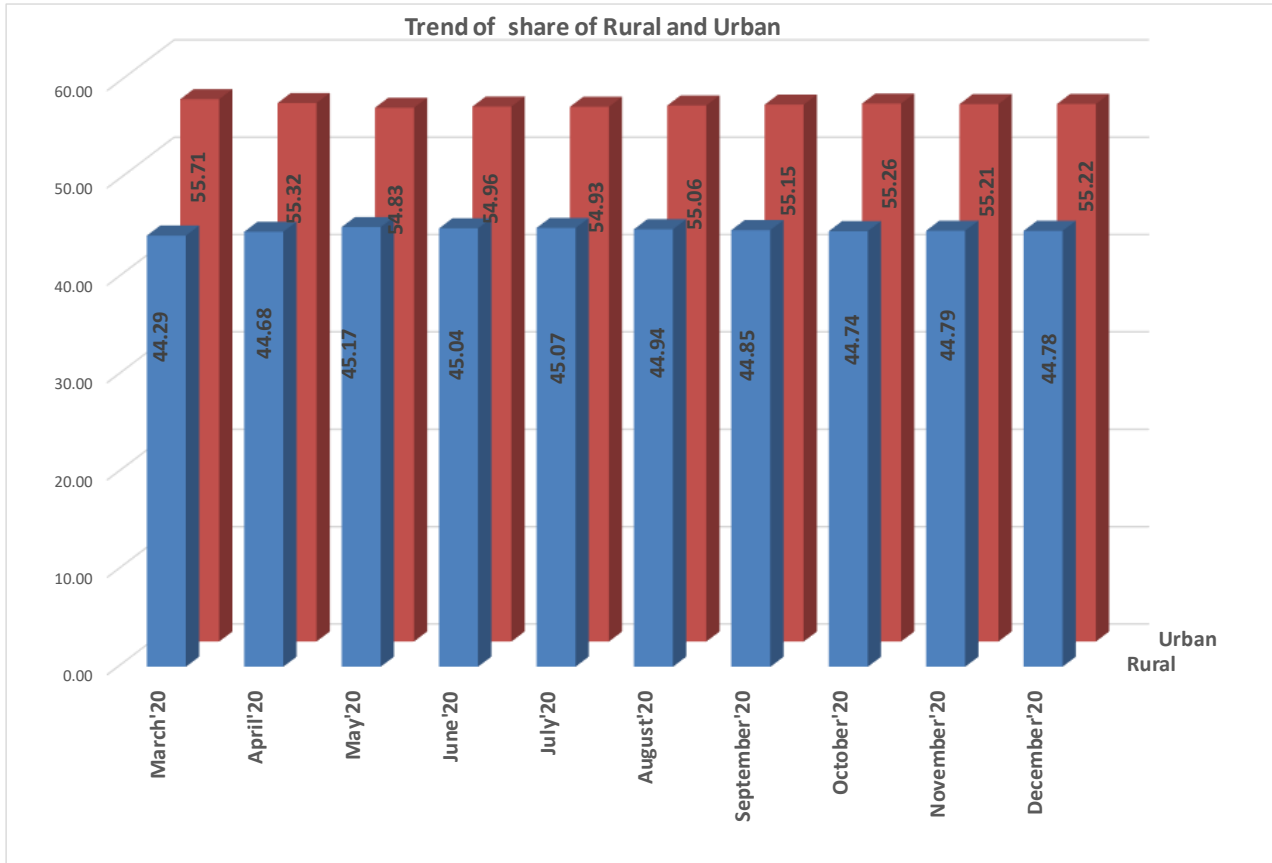


Telephones: Public vs. Private

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



Share of rural areas in total telephones slightly decreased to 44.78% in December'20 against 44.79% of November'20. The share of urban areas, on the other hand, increased to 55.22% in December'20 from 55.21% in November'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
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

☞ Overall teledensity for the month of December'20 stood at 86.37% as against 86.55% in November'20. The Teledensity for wireless segment was 84.90% whereas that of wireline segment is 1.48%. Teledensity reported in rural areas was 58.96% and that in the urban areas was 138.63%. In Public sector, teledensity was 9.72% and in Private sector, it was 76.65% for the month of December'20.

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

☞ The number of Internet subscribers (both broadband and narrowband put together) which was 749.07 million at the end of June'20 increased to 776.45 million by the end of September'20. The number of subscribers accessing internet via wireless phones was 752.09 million at the end of September'20. The number of wired Internet subscribers was 24.36 million at the end of September'20.

Trend of Internet Subscribers

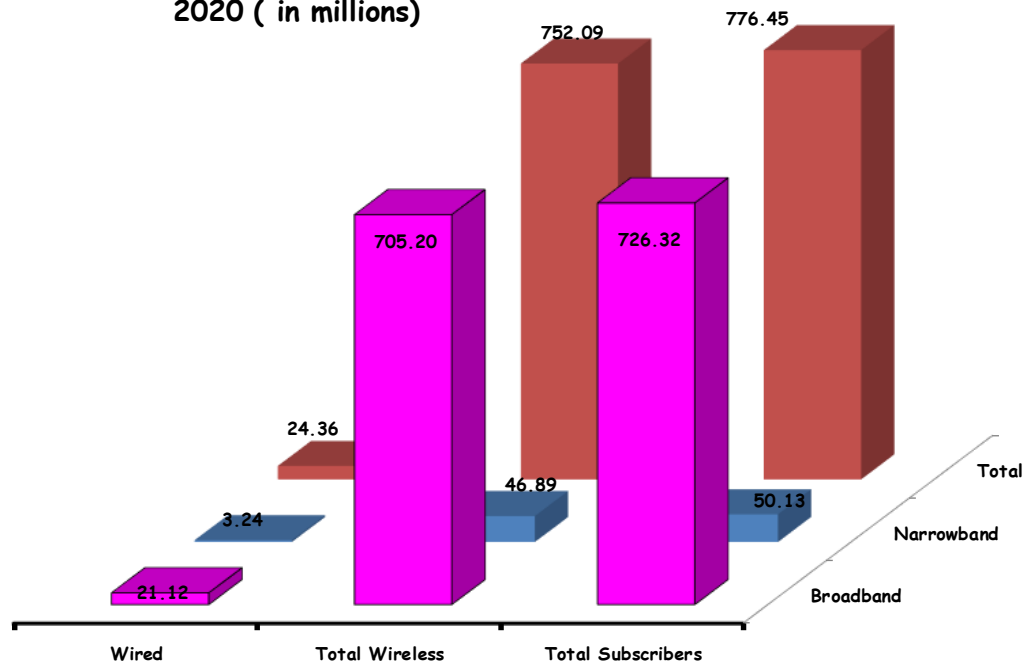
Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	March'19	June'19	September'19	December'19	March'20	June'20	September'20
	636.74	665.35	687.63	718.75	743.19	749.07	776.45
Quarterly Growth (in Percentage)	5.38	4.49	3.35	4.53	3.40	0.79	3.66

Internet Subscriber Base in India - September'20 (in million)			
Segment	Wired	Total Wireless	Total
Broadband	21.12	705.20	726.32
Narrowband	3.24	46.89	50.13
Total	24.36	752.09	776.45
Source: TRAI			

Composition of Internet Subscribers September'20

Parameters	Rural	Urban	Total	Wireline	Wireless	Private	Public
September'20	302.34	474.11	776.45	24.36	752.09	743.88	32.57

Internet Subscribers - September 2020 (in millions)



☞ The number of Broadband subscribers was 742.06 million at the end of November'20 as compared to 734.83 million in October'20, 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

Monthly Telecom Scenario

November'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	November'20	October'20
Total Phones		1175.22	1171.72
Wireline	million	20.07	19.99
Wireless		1155.15	1151.73
Rural		526.40	524.18
Urban		648.82	647.54
Public		132.65	132.80
Private		1042.57	1038.92
Wireline %age to Total Phones		%age	1.71
Wireless %age to Total Phones	98.29		98.29
Rural %age to Total Phones	44.79		44.74
Urban %age to Total Phones	55.21		55.26
Public %age to Total Phones	11.29		11.33
Private %age to Total Phones	88.71		88.67
Overall Teledensity			86.55
Wireline Teledensity	%age	1.48	1.47
Wireless Teledensity		85.08	84.90
Rural Teledensity		59.08	58.85
Urban Teledensity		139.01	138.97
Public		9.77	9.79
Private		76.78	76.58
Teledensity: Top five Circles			
Himachal Pradesh	%age	149.90	149.58
Kerala		129.00	128.27
Punjab		126.15	126.05
Tamil Nadu		105.73	105.27
Karnataka		104.20	104.16
Teledensity: Metros			
Delhi	%age	274.75	274.48
Kolkata		161.57	161.61
Mumbai		151.44	153.63
Broadband	million	-	734.83



At the end of November'20, the total number of telephones was 1175.22 million, compared to 1171.72 million by the end of October'20, showing an increase of 3.50 million. Maximum rise in total telephone connections was recorded in Madhya Pradesh (766904) followed by Maharashtra (515689) and Tamil Nadu (396864). However, Mumbai, Rajasthan and West Bengal recorded a fall in telephone connections over previous month, with a decrease of 497606, 25026 & 20213 respectively.

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
ANDHRA PRADESH	89071010	88329847	87914733	87664626	87747440	87877039	88315789	88534729	88854503
ASSAM	23720985	23625085	23496688	23599920	23602560	23742871	23756442	23858531	23994397
BIHAR	84882817	83634257	83961609	83848825	83682543	84402792	84473656	84579072	84854105
GUJARAT	68795414	67633631	67126020	67195439	67495914	68007790	67747626	68290377	68538581
HARYANA	27912497	27719208	27531387	27506776	27483715	27652418	27595641	27673054	27720499
HIMACHAL PRADESH	10888377	10842518	10784560	10830829	10907223	11028384	11001241	11035660	11065743
JAMMU & KASHMIR	11981508	11941080	11908060	11930385	11993396	11800188	11884190	11852280	11839826
KARNATAKA	69723665	69077009	68884330	68805760	68667440	68971953	69191678	69445733	69517445
KERALA	44975881	44603361	44752977	45086306	45304263	45725284	45463221	45532224	45810740
MADHYA PRADESH	75853270	75480096	75201048	75185837	75958588	75950126	76472290	76661067	77427971
MAHARASHTRA	94112503	92780602	92563331	92592081	92688193	93486246	93069202	93751660	94267349
NORTH-EAST	12113540	12007582	11971270	11973775	11974933	12022679	12088161	12160564	12233415
ORISSA	33532979	33324727	33242332	33176103	33298232	33477040	33509437	33518589	33555904
PUNJAB	39834984	39566329	39372192	39200978	39301854	39382218	39508617	39657189	39716331
RAJASTHAN	65984515	65471743	65107961	64845476	65086052	65383200	65637409	65580330	65555304
TAMIL NADU	83801347	83111811	82693003	82447482	82425426	81265670	81416679	81944704	82341568
UTTAR PRADESH - [East]	97123954	98312188	98271430	98270075	99694939	98292059	98140262	98228577	98508133
UTTAR PRADESH - [West]	63629734	63069092	62569875	62338977	62192250	62767320	62244044	62298175	62660896
WEST BENGAL	55238012	55242998	54834178	54986317	54819250	54669253	55065961	55041394	55021181
KOLKATA	26351958	26165604	26014606	26013609	26533704	26829045	26792101	26818648	26834342
DELHI	56577704	56005982	55566974	55327068	55480858	55583189	55856607	56117362	56260411
MUMBAI	40688011	40276261	39810072	39531122	39223914	39378855	39269202	39143103	38645497
TOTAL	1176794665	1168221011	1163578636	1162357766	1165562687	1167695619	1168499456	1171723022	1175224141

1 Source: BSNL/MTNL/COAI



Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.38%) followed by Maharashtra (8.02%), Andhra Pradesh (7.56%), Bihar (7.22%) and Tamil Nadu (7.01%). These five Service areas taken together accounted for 38.19% of total telephone connections in India.

Telephones during the month of November'20				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1380429	87474074	88854503	7.56
ASSAM	122407	23871990	23994397	2.04
BIHAR	204957	84649148	84854105	7.22
GUJARAT	964000	67574581	68538581	5.83
HARYANA	231304	27489195	27720499	2.36
HIMACHAL PRADESH	89961	10975782	11065743	0.94
JAMMU & KASHMIR	153165	11686661	11839826	1.01
KARNATAKA	2174466	67342979	69517445	5.92
KERALA	1314199	44496541	45810740	3.90
MADHYA PRADESH	682903	76745068	77427971	6.59
MAHARASHTRA	1336200	92931149	94267349	8.02
NORTH-EAST	97749	12135666	12233415	1.04
ORISSA	203292	33352612	33555904	2.86
PUNJAB	687059	39029272	39716331	3.38
RAJASTHAN	466324	65088980	65555304	5.58
TAMIL NADU	1942951	80398617	82341568	7.01
UTTAR PRADESH - [East]	379088	98129045	98508133	8.38
UTTAR PRADESH - [West]	296302	62364594	62660896	5.33
WEST BENGAL	238220	54782961	55021181	4.68
KOLKATA	663823	26170519	26834342	2.28
DELHI	3413814	52846597	56260411	4.79
MUMBAI	3027107	35618390	38645497	3.29
TOTAL	20069720	1155154421	1175224141	100.00

1 Source: BSNL/MTNL/COAI

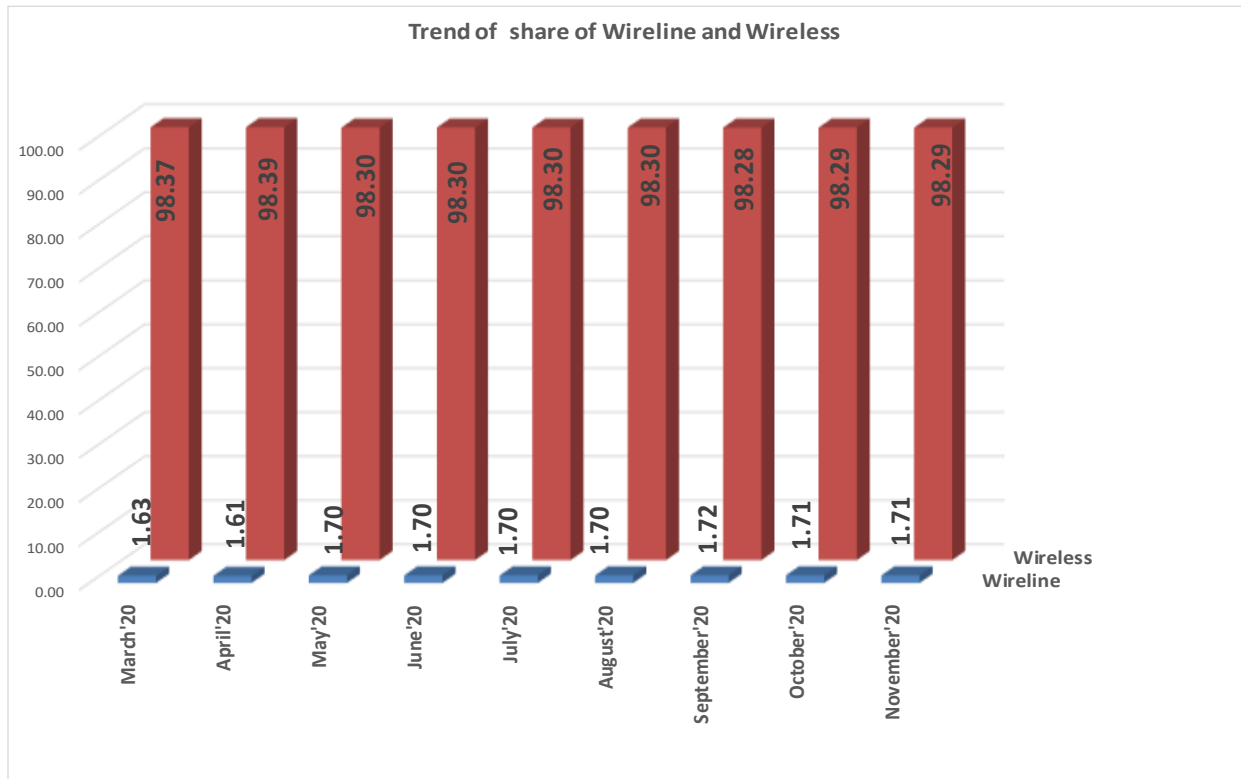
☞ The overall tele-density at the end of November'20 stood at 86.55%. Among the Service areas, Himachal Pradesh (149.90%) had the highest tele-density followed by Kerala (129.00%), Punjab (126.15%), Tamil Nadu (105.73%) and Karnataka (104.20%). Among the three metros, Delhi Service Area topped in tele-density with 274.75%, followed by Kolkata (161.57%) and Mumbai (151.44%).

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
ANDHRA PRADESH	97.88	98.07	97.56	97.24	97.28	97.38	97.81	98.01	98.31
ASSAM	70.01	68.02	67.59	67.83	67.78	68.12	68.10	68.33	68.66
BIHAR	59.04	52.39	52.54	52.40	52.23	52.62	52.60	52.60	52.71
GUJARAT	103.51	96.56	95.72	95.71	96.02	96.64	96.16	96.81	97.05
HARYANA	96.14	95.11	94.35	94.16	93.97	94.44	94.14	94.29	94.35
HIMACHAL PRADESH	148.85	147.42	146.55	147.10	148.06	149.62	149.19	149.58	149.90
JAMMU & KASHMIR	92.91	87.69	87.39	87.50	87.90	86.43	86.99	86.70	86.55
KARNATAKA	108.19	104.02	103.66	103.47	103.20	103.59	103.85	104.16	104.20
KERALA	123.19	125.98	126.35	127.23	127.79	128.93	128.13	128.27	129.00
MADHYA PRADESH	69.40	66.95	66.63	66.54	67.15	67.07	67.45	67.54	68.14
MAHARASHTRA	91.55	92.97	92.70	92.68	92.72	93.47	93.00	93.63	94.09
NORTH-EAST	83.37	78.27	77.97	77.92	77.87	78.11	78.48	78.89	79.29
ORISSA	76.58	75.94	75.73	75.55	75.80	76.18	76.23	76.23	76.28
PUNJAB	123.52	126.27	125.57	124.94	125.17	125.34	125.66	126.05	126.15
RAJASTHAN	85.88	83.47	82.91	82.49	82.71	83.00	83.23	83.07	82.95
TAMIL NADU	115.45	107.03	106.45	106.09	106.02	104.48	104.63	105.27	105.73
UTTAR PRADESH - [East]	66.20	67.32	67.02	66.85	67.31	66.90	66.54	66.53	66.73
UTTAR PRADESH - [West]									
WEST BENGAL	67.80	67.23	66.70	66.85	66.62	66.41	66.86	66.80	66.74
KOLKATA	159.69	158.44	157.40	157.26	160.28	161.93	161.58	161.61	161.57
DELHI	236.98	276.49	273.89	272.29	272.62	272.71	273.62	274.48	274.75
MUMBAI	161.48	159.59	157.50	156.14	154.68	155.05	154.37	153.63	151.44
TOTAL	88.66	86.57	86.15	85.98	86.14	86.23	86.21	86.37	86.55

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.

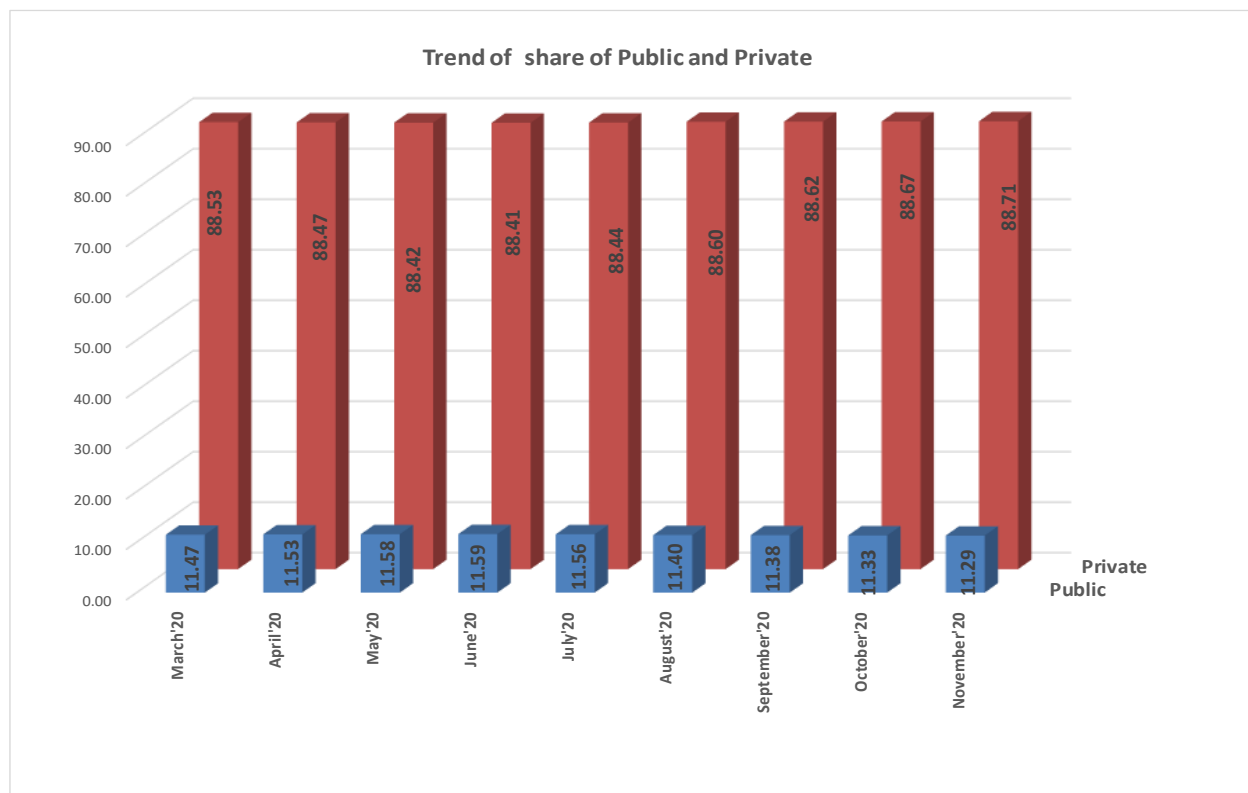
☞ The share of wireless segment in total connections stood at 98.29% by the end of November'20, while the share of wireline telephones was 1.71%.



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

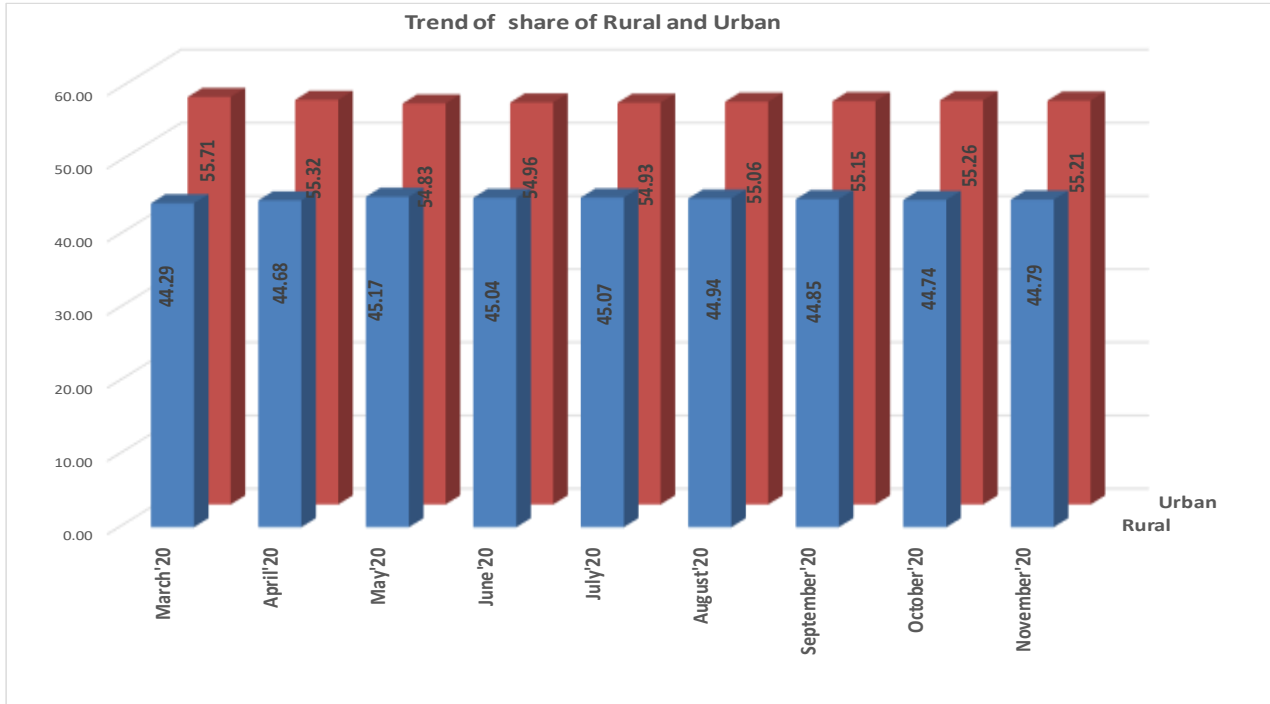
👉 In November'20, share of public sector in total telephones was 11.29%, as against 88.71% of the private sector. In October'20, it was 11.33% and 88.67% respectively.



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

☞ Share of rural areas in total telephones increased to 44.79% in November'20 against 44.74% of October'20. The share of urban areas, on the other hand, decreased to 55.21% in November'20 from 55.26% in October'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
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

☞ Overall teledensity for the month of November'20 stood at 86.55% as against 86.37% in October'20. The Teledensity for wireless segment was 85.08% whereas that of wireline segment is 1.48%. Teledensity reported in rural areas was 59.08% and that in the urban areas was 139.01%. In Public sector, teledensity was 9.77% and in Private sector, it was 76.78% for the month of November'20.

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

The number of Internet subscribers (both broadband and narrowband put together) which was 749.07 million at the end of June'20 increased to 776.45 million by the end of September'20. The number of subscribers accessing internet via wireless phones was 752.09 million at the end of September'20. The number of wired Internet subscribers was 24.36 million at the end of September'20.

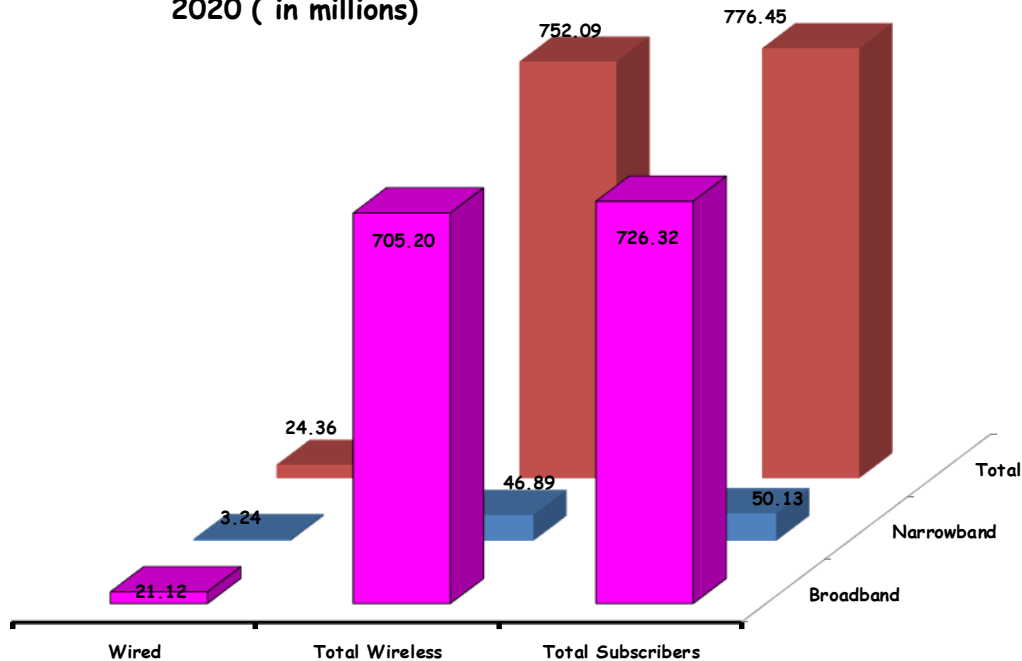
Trend of Internet Subscribers

Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	March'19	June'19	September'19	December'19	March'20	June'20	September'20
	636.74	665.35	687.63	718.75	743.19	749.07	776.45
Quarterly Growth (in Percentage)	5.38	4.49	3.35	4.53	3.40	0.79	3.66

Internet Subscriber Base in India - September'20 (in million)			
Segment	Wired	Total Wireless	Total
Broadband	21.12	705.20	726.32
Narrowband	3.24	46.89	50.13
Total	24.36	752.09	776.45
Source: TRAI			

Composition of Internet Subscribers September'20							
Parameters	Rural	Urban	Total	Wireline	Wireless	Private	Public
September'20	302.34	474.11	776.45	24.36	752.09	743.88	32.57

Internet Subscribers - September 2020 (in millions)



☞ The number of Broadband subscribers was 734.83 million at the end of October'20 as compared to 726.33 million in September'20, showing an increase of 1.17%.

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
