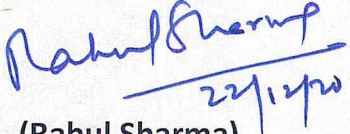


No. 18-06/2016-STT(T) Pt.II
Government of India
Ministry of Communication
DEPARTMENT OF TELECOM
(STT - Section)

Dated: December 22nd, 2020

Subject: - Monthly Telecom Scenario as on 31st October'20.

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


22/12/20

(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-

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:

Economic Adviser

Monthly Telecom Scenario

October'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	October'20	September'20
Total Phones		1171.72	1168.50
Wireline	million	19.99	20.05
Wireless		1151.73	1148.45
Rural		524.18	524.08
Urban		647.54	644.42
Public		132.80	132.97
Private		1038.92	1035.53
Wireline %age to Total Phones		%age	1.71
Wireless %age to Total Phones	98.29		98.28
Rural %age to Total Phones	44.74		44.85
Urban %age to Total Phones	55.26		55.15
Public %age to Total Phones	11.33		11.38
Private %age to Total Phones	88.67		88.62
Overall Teledensity		86.37	86.21
Wireline Teledensity	%age	1.47	1.48
Wireless Teledensity		84.90	84.73
Rural Teledensity		58.85	58.87
Urban Teledensity		138.97	138.52
Public		9.79	9.81
Private		76.58	76.40
Teledensity: Top five Circles			
Himachal Pradesh	%age	149.58	149.19
Kerala		128.27	128.13
Punjab		126.05	125.66
Tamil Nadu		105.27	104.63
Karnataka		104.16	103.85
Teledensity: Metros			
Delhi	%age	274.48	273.62
Kolkata		161.61	161.58
Mumbai		153.63	154.37
Broadband	million	-	726.33



At the end of October'20, the total number of telephones was 1171.72 million, compared to 1168.50 million by the end of September'20, showing an increase of 3.22 million. Maximum rise in total telephone connections was recorded in Maharashtra (682458) followed by Gujarat (542751) and Tamil Nadu (528025). However, Mumbai, Rajasthan and Jammu & Kashmir recorded a fall in telephone connections over previous month, with a decrease of 126099, 57079 & 31910 respectively.

Total Telephones : Service Area wise								
Service Area	March'20	April'20	May'20	June'20	July'20	August'20	September'20	October'20
ANDHRA PRADESH	89071010	88329847	87914733	87664626	87747440	87877039	88315789	88534729
ASSAM	23720985	23625085	23496688	23599920	23602560	23742871	23756442	23858531
BIHAR	84882817	83634257	83961609	83848825	83682543	84402792	84473656	84579072
GUJARAT	68795414	67633631	67126020	67195439	67495914	68007790	67747626	68290377
HARYANA	27912497	27719208	27531387	27506776	27483715	27652418	27595641	27673054
HIMACHAL PRADESH	10888377	10842518	10784560	10830829	10907223	11028384	11001241	11035660
JAMMU & KASHMIR	11981508	11941080	11908060	11930385	11993396	11800188	11884190	11852280
KARNATAKA	69723665	69077009	68884330	68805760	68667440	68971953	69191678	69445733
KERALA	44975881	44603361	44752977	45086306	45304263	45725284	45463221	45532224
MADHYA PRADESH	75853270	75480096	75201048	75185837	75958588	75950126	76472290	76661067
MAHARASHTRA	94112503	92780602	92563331	92592081	92688193	93486246	93069202	93751660
NORTH-EAST	12113540	12007582	11971270	11973775	11974933	12022679	12088161	12160564
ORISSA	33532979	33324727	33242332	33176103	33298232	33477040	33509437	33518589
PUNJAB	39834984	39566329	39372192	39200978	39301854	39382218	39508617	39657189
RAJASTHAN	65984515	65471743	65107961	64845476	65086052	65383200	65637409	65580330
TAMIL NADU	83801347	83111811	82693003	82447482	82425426	81265670	81416679	81944704
UTTAR PRADESH - [East]	97123954	98312188	98271430	98270075	99694939	98292059	98140262	98228577
UTTAR PRADESH - [West]	63629734	63069092	62569875	62338977	62192250	62767320	62244044	62298175
WEST BENGAL	55238012	55242998	54834178	54986317	54819250	54669253	55065961	55041394
KOLKATA	26351958	26165604	26014606	26013609	26533704	26829045	26792101	26818648
DELHI	56577704	56005982	55566974	55327068	55480858	55583189	55856607	56117362
MUMBAI	40688011	40276261	39810072	39531122	39223914	39378855	39269202	39143103
TOTAL	1176794665	1168221011	1163578636	1162357766	1165562687	1167695619	1168499456	1171723022

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 (8.00%), Andhra Pradesh (7.56%), Bihar (7.22%) and Tamil Nadu (6.99%). These five Service areas taken together accounted for 38.15% of total telephone connections in India.

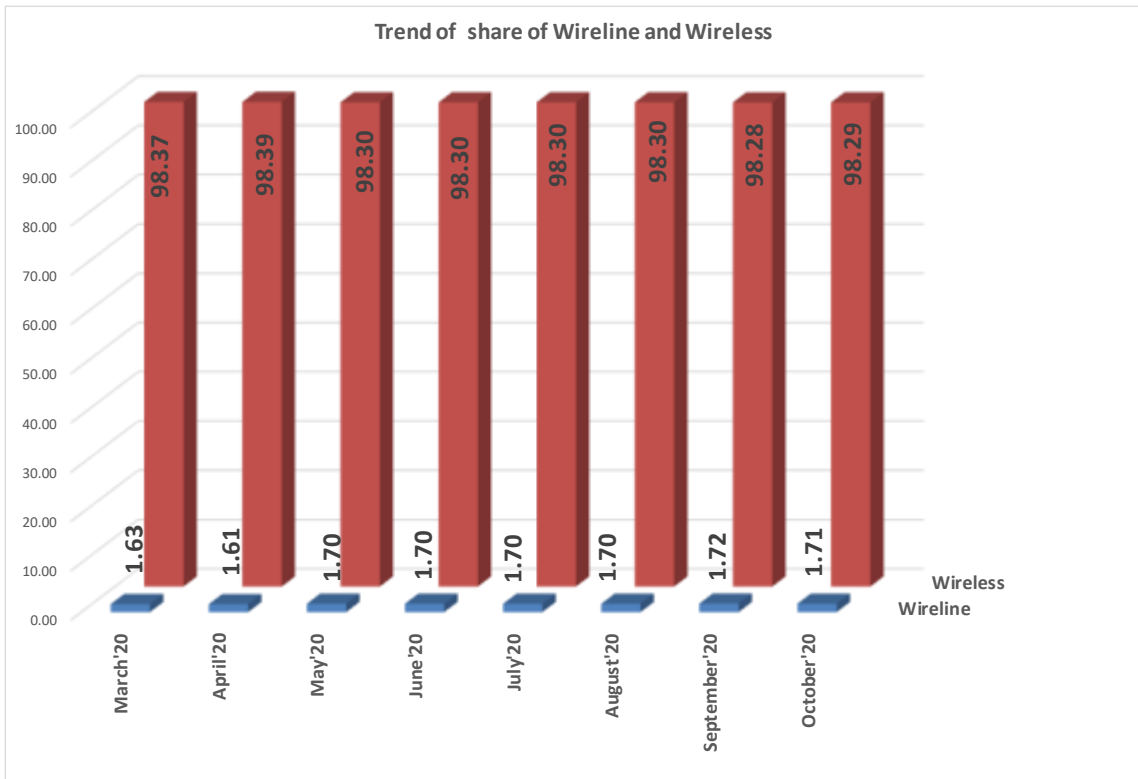
Telephones during the month of October'20				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1360345	87174384	88534729	7.56
ASSAM	119527	23739004	23858531	2.04
BIHAR	198877	84380195	84579072	7.22
GUJARAT	966413	67323964	68290377	5.83
HARYANA	232709	27440345	27673054	2.36
HIMACHAL PRADESH	91391	10944269	11035660	0.94
JAMMU & KASHMIR	150809	11701471	11852280	1.01
KARNATAKA	2156539	67289194	69445733	5.93
KERALA	1352640	44179584	45532224	3.89
MADHYA PRADESH	671818	75989249	76661067	6.54
MAHARASHTRA	1317812	92433848	93751660	8.00
NORTH-EAST	95725	12064839	12160564	1.04
ORISSA	201316	33317273	33518589	2.86
PUNJAB	684166	38973023	39657189	3.38
RAJASTHAN	471223	65109107	65580330	5.60
TAMIL NADU	1942198	80002506	81944704	6.99
UTTAR PRADESH - [East]	369623	97858954	98228577	8.38
UTTAR PRADESH - [West]	293383	62004792	62298175	5.32
WEST BENGAL	234375	54807019	55041394	4.70
KOLKATA	661106	26157542	26818648	2.29
DELHI	3390276	52727086	56117362	4.79
MUMBAI	3027576	36115527	39143103	3.34
TOTAL	19989847	1151733175	1171723022	100.00

1 Source: BSNL/MTNL/COAI

☞ The overall tele-density at the end of October'20 stood at 86.37%. Among the Service areas, Himachal Pradesh (149.58%) had the highest tele-density followed by Kerala (128.27%), Punjab (126.05%), Tamil Nadu (105.27%) and Karnataka (104.16%). Among the three metros, Delhi Service Area topped in tele-density with 274.48%, followed by Kolkata (161.61%) and Mumbai (153.63%).

Teledensity : Service Area wise (in %age)								
Service Area	March'20	April'20	May'20	June'20	July'20	August'20	September'20	October'20
ANDHRA PRADESH	97.88	98.07	97.56	97.24	97.28	97.38	97.81	98.01
ASSAM	70.01	68.02	67.59	67.83	67.78	68.12	68.10	68.33
BIHAR	59.04	52.39	52.54	52.40	52.23	52.62	52.60	52.60
GUJARAT	103.51	96.56	95.72	95.71	96.02	96.64	96.16	96.81
HARYANA	96.14	95.11	94.35	94.16	93.97	94.44	94.14	94.29
HIMACHAL PRADESH	148.85	147.42	146.55	147.10	148.06	149.62	149.19	149.58
JAMMU & KASHMIR	92.91	87.69	87.39	87.50	87.90	86.43	86.99	86.70
KARNATAKA	108.19	104.02	103.66	103.47	103.20	103.59	103.85	104.16
KERALA	123.19	125.98	126.35	127.23	127.79	128.93	128.13	128.27
MADHYA PRADESH	69.40	66.95	66.63	66.54	67.15	67.07	67.45	67.54
MAHARASHTRA	91.55	92.97	92.70	92.68	92.72	93.47	93.00	93.63
NORTH-EAST	83.37	78.27	77.97	77.92	77.87	78.11	78.48	78.89
ORISSA	76.58	75.94	75.73	75.55	75.80	76.18	76.23	76.23
PUNJAB	123.52	126.27	125.57	124.94	125.17	125.34	125.66	126.05
RAJASTHAN	85.88	83.47	82.91	82.49	82.71	83.00	83.23	83.07
TAMIL NADU	115.45	107.03	106.45	106.09	106.02	104.48	104.63	105.27
UTTAR PRADESH - [East]	66.20	67.32	67.02	66.85	67.31	66.90	66.54	66.53
UTTAR PRADESH - [West]								
WEST BENGAL	67.80	67.23	66.70	66.85	66.62	66.41	66.86	66.80
KOLKATA	159.69	158.44	157.40	157.26	160.28	161.93	161.58	161.61
DELHI	236.98	276.49	273.89	272.29	272.62	272.71	273.62	274.48
MUMBAI	161.48	159.59	157.50	156.14	154.68	155.05	154.37	153.63
TOTAL	88.66	86.57	86.15	85.98	86.14	86.23	86.21	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.								

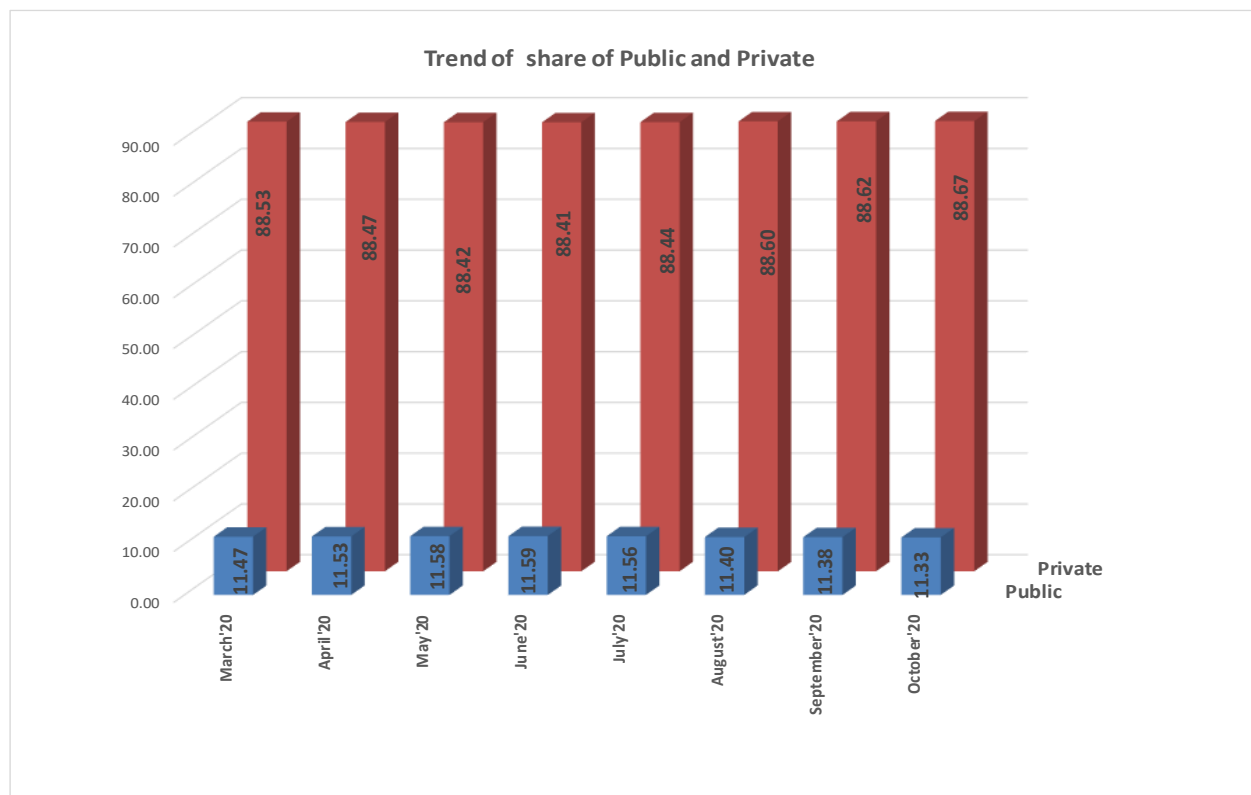
☞ The share of wireless segment in total connections stood at 98.29% by the end of October'20, while the share of wireline telephones was 1.71%.



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

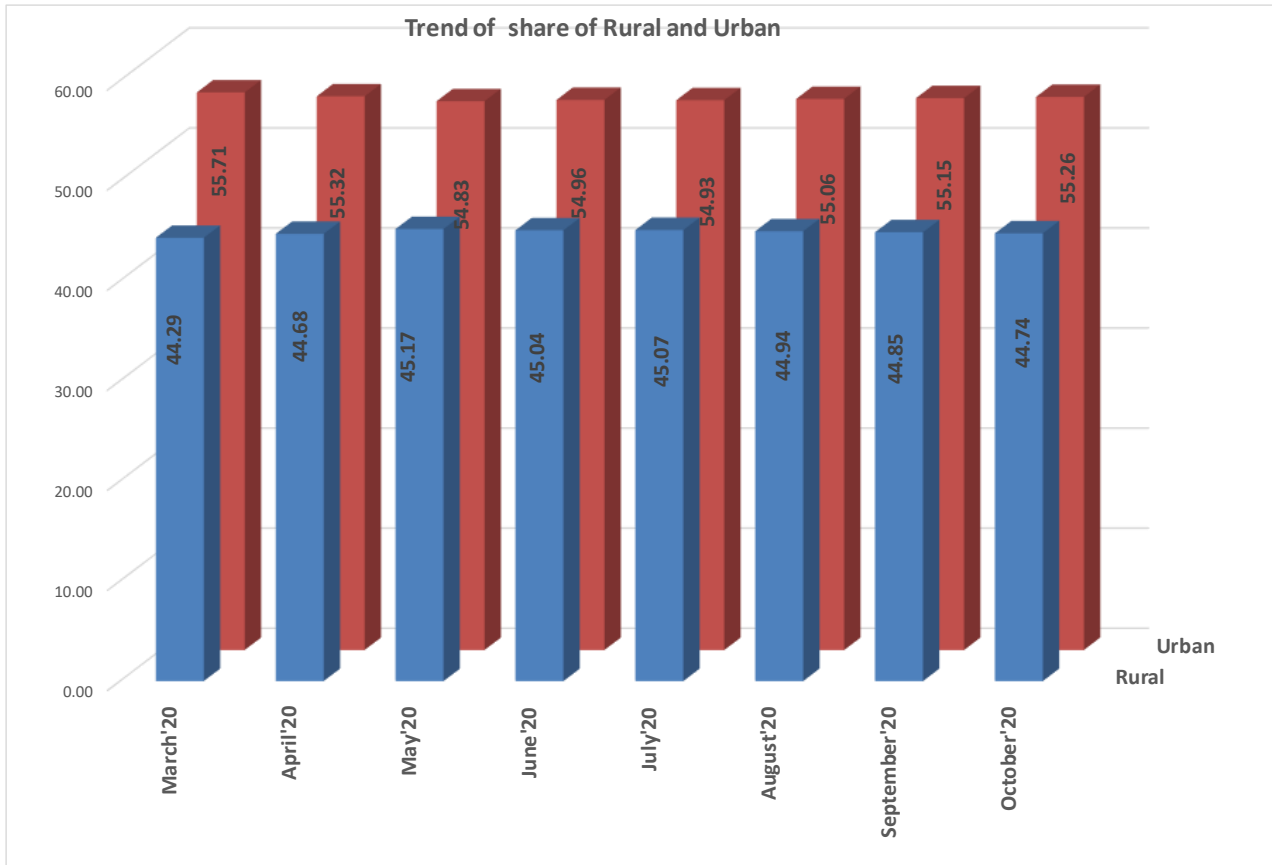
👉 In October'20, share of public sector in total telephones was 11.33%, as against 88.67% of the private sector. In September'20, it was 11.38% and 88.62% respectively.



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

☞ Share of rural areas in total telephones decreased to 44.74% in October'20 against 44.85% of September'20. The share of urban areas, on the other hand, increased to 55.26% in October'20 from 55.15% in September'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

☞ Overall teledensity for the month of October'20 stood at 86.37% as against 86.21% in September'20. The Teledensity for wireless segment was 84.90% whereas that of wireline segment is 1.47%. Teledensity reported in rural areas was 58.85% and that in the urban areas was 138.97%. In Public sector, teledensity was 9.79% and in Private sector, it was 76.58% for the month of October'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

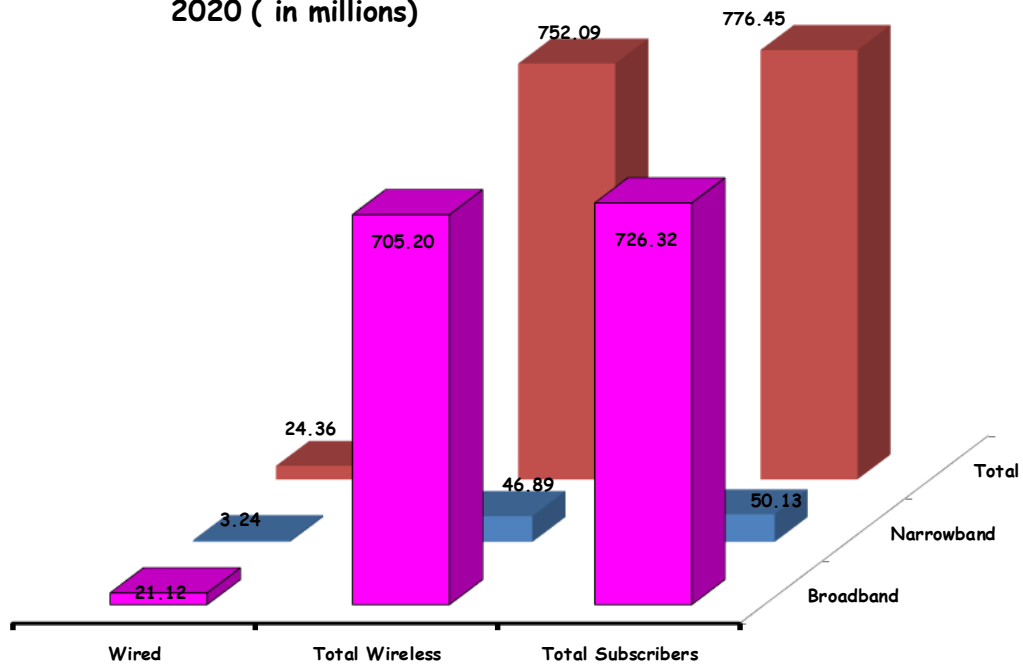
☞ The number of Internet subscribers (both broadband and narrowband put together) which was 749.07 million at the end of June'20 increased to 776.45 million by the end of September'20. The number of subscribers accessing internet via wireless phones was 752.09 million at the end of September'20. The 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'19	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			

Internet Subscribers - September 2020 (in millions)



☞ The number of Broadband subscribers was 726.33 million at the end of September'20 as compared to 716.19 million in August'20, showing an increase of 1.42%.

Broadband Subscribers in India (In millions)				
At the end of	Wired	Total Wireless	Total Subscribers	% growth
October'19	19.08	625.00	644.08	2.98
November'19	19.13	642.14	661.27	2.67
December'19	19.14	642.8	661.94	0.10
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
