

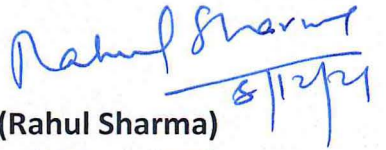
**No. 18-06/2021-STT(T)**  
**Government of India**  
**Ministry of Communication**  
**DEPARTMENT OF TELECOM**  
**(STT - Section)**

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Dated: December 8<sup>th</sup>, 2021

**Subject: - Monthly Telecom Scenario as on 30<sup>th</sup> September'21.**

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



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Secretary-DOT

Special Secretary

Member (F)

Member (S)

Member (T)

DG (T)

Adviser (F)

Adviser (T)

Joint Secretary

ALL Sr. DDG's & DDGs'

**Copy to:**

Sr. Economic Adviser

Economic Adviser



# Monthly Telecom Scenario

September'21

STT Section  
Department of  
Telecommunications  
Government of India



## Overview

The following table gives a summary of the sector's performance for September'21 vis-à-vis last month and last year September:

Parameter	Unit	September'21	August'21	September'20
<b>Total Phones</b>	<b>million</b>	<b>1189.10</b>	<b>1209.53</b>	<b>1168.50</b>
Wireline		23.13	22.86	20.05
Wireless		1165.97	1186.67	1148.45
Rural		529.91	538.13	524.08
Urban		659.19	671.40	644.42
Public		127.30	128.27	132.97
Private		1061.80	1081.26	1035.53
Wireline %age to Total Phones		<b>(%)</b>	1.95	1.89
Wireless %age to Total Phones	98.05		98.11	98.28
Rural %age to Total Phones	44.56		44.49	44.85
Urban %age to Total Phones	55.44		55.51	55.15
Public %age to Total Phones	10.71		10.60	11.38
Private %age to Total Phones	89.29		89.40	88.62
<b>Overall Teledensity</b>	<b>(%)</b>	<b>86.89</b>	<b>88.44</b>	<b>86.21</b>
Wireline Teledensity		1.69	1.67	1.48
Wireless Teledensity		85.19	86.77	84.73
Rural Teledensity		59.25	60.19	58.87
Urban Teledensity		139.00	141.79	138.52
Public		9.30	9.38	9.81
Private		77.58	79.06	76.40
<b>Teledensity: Top five service area</b>	<b>(%)</b>			
Himachal Pradesh		141.67	149.34	149.19
Kerala		127.42	131.40	128.13
Punjab		122.39	126.61	125.66
Tamil Nadu		107.19	109.01	104.63
Karnataka		103.23	104.80	103.85
<b>Teledensity: Metros</b>	<b>(%)</b>			
Delhi		269.76	278.27	273.62
Kolkata		150.94	159.71	161.58
Mumbai		146.09	155.78	154.37
<b>Broadband</b>	<b>million</b>	<b>794.89</b>	<b>813.47</b>	<b>726.33</b>



At the end of September'21, the total number of telephones was 1189.10 million, compared to 1209.53 million by the end of August'21, showing a decrease of 20.43 million. Mumbai, Delhi and Kolkata recorded a fall in telephone connections over previous month, with a decrease of 2413764, 1678416 & 1418326 respectively.

Total Telephones : Service Area wise							
Service Area	March'21	April'21	May'21	June'21	July'21	August'21	September'21
ANDHRA PRADESH	90143027	90058355	89070777	89300694	89348746	89372569	88158264
ASSAM	24851659	25114178	25183769	25225077	25419462	25414856	24533364
BIHAR	86655340	86756989	86554187	86994584	87684116	87563945	87306413
GUJARAT	70360433	70688468	70612279	70957897	71380616	71072200	69713172
HARYANA	28108730	28257291	28240486	28316601	28530592	28588251	28317917
HIMACHAL PRADESH	11280717	11246412	11182446	10960556	11019129	11070223	10506402
JAMMU & KASHMIR	12206319	12136062	12044733	12135405	12152975	12177733	11941128
KARNATAKA	70792799	70570523	69883971	70108513	70098788	70276810	69260217
KERALA	46044293	46453227	46408401	46439155	46794749	46816169	45412975
MADHYA PRADESH	78594592	78929577	78799097	79285561	79961966	80116882	79760206
MAHARASHTRA	96174005	96016800	95679268	95925942	96554762	96201979	95185298
NORTH-EAST	12553773	12636667	12602157	12622357	12617124	12629939	12172792
ORISSA	34555692	34709370	34731645	35036680	35326984	35181370	34044991
PUNJAB	39541603	39689587	39458753	39644933	39874594	40073734	38757197
RAJASTHAN	66770438	66577426	66029385	66096753	66166487	66061389	65314905
TAMIL NADU	84407370	84848336	84332602	84653849	84696272	85140145	83746728
UTTAR PRADESH - [East]	101170267	101771684	101753350	101882460	103226720	103002987	102401584
UTTAR PRADESH - [West]	63959345	64319371	64305318	64217921	65103031	65332211	64965888
WEST BENGAL	56548057	56987386	57054172	57442338	57930838	57956801	57629845
KOLKATA	27348582	27275863	26914248	26957478	27023941	26995532	25577206
DELHI	58104641	58123687	57632287	58024636	57953909	57790743	56112327
MUMBAI	40705869	40185971	39956216	40286867	40525569	40694000	38280236
<b>TOTAL</b>	<b>1200877551</b>	<b>1203353230</b>	<b>1198429547</b>	<b>1202516257</b>	<b>1209391370</b>	<b>1209530468</b>	<b>1189099055</b>

1 Source: BSNL/MTNL/COAI



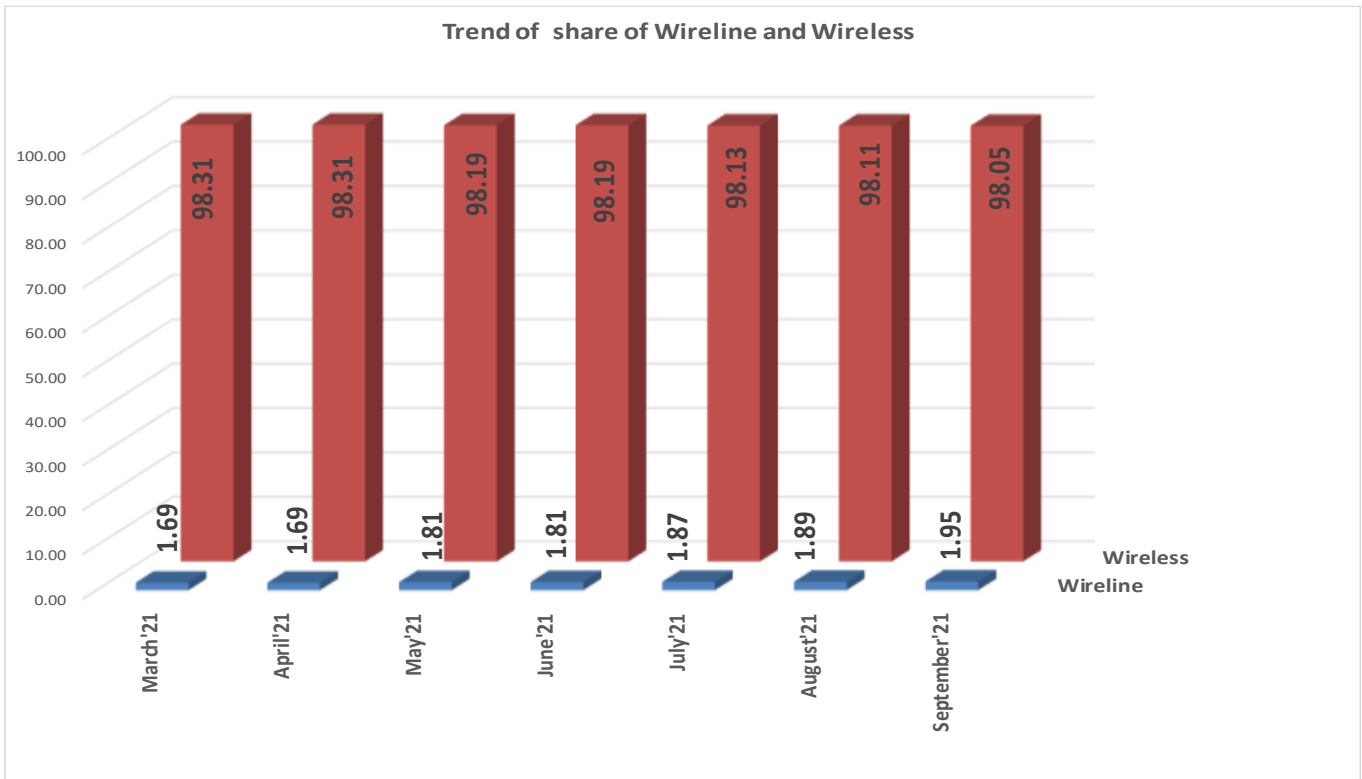
Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.61%) followed by Maharashtra (8.00%), Andhra Pradesh (7.41%), Bihar (7.34%) and Tamil Nadu (7.04%). These five Service areas taken together accounted for 38.40% of total telephone connections in India.

Telephones during the month of September'21				
Service Area	Wireline	Wireless	Total Phones	Share (%) of Total Phones
ANDHRA PRADESH	1762226	86396038	88158264	7.41
ASSAM	179870	24353494	24533364	2.06
BIHAR	368377	86938036	87306413	7.34
GUJARAT	1025514	68687658	69713172	5.86
HARYANA	310044	28007873	28317917	2.38
HIMACHAL PRADESH	113611	10392791	10506402	0.88
JAMMU & KASHMIR	248909	11692219	11941128	1.00
KARNATAKA	2428930	66831287	69260217	5.82
KERALA	1304840	44108135	45412975	3.82
MADHYA PRADESH	900951	78859255	79760206	6.71
MAHARASHTRA	1364061	93821237	95185298	8.00
NORTH-EAST	143575	12029217	12172792	1.02
ORISSA	293825	33751166	34044991	2.86
PUNJAB	779654	37977543	38757197	3.26
RAJASTHAN	622613	64692292	65314905	5.49
TAMIL NADU	2241041	81505687	83746728	7.04
UTTAR PRADESH - [East]	533642	101867942	102401584	8.61
UTTAR PRADESH - [West]	508580	64457308	64965888	5.46
WEST BENGAL	335664	57294181	57629845	4.85
KOLKATA	882261	24694945	25577206	2.15
DELHI	3708973	52403354	56112327	4.72
MUMBAI	3074361	35205875	38280236	3.22
<b>TOTAL</b>	<b>23131522</b>	<b>1165967533</b>	<b>1189099055</b>	<b>100.00</b>

1 Source: BSNL/MTNL/COAI

## Wireless vs. Wireline

☞ The share of wireless segment in total connections stood at 98.05% by the end of September'21, while the share of wireline telephones was 1.95%.



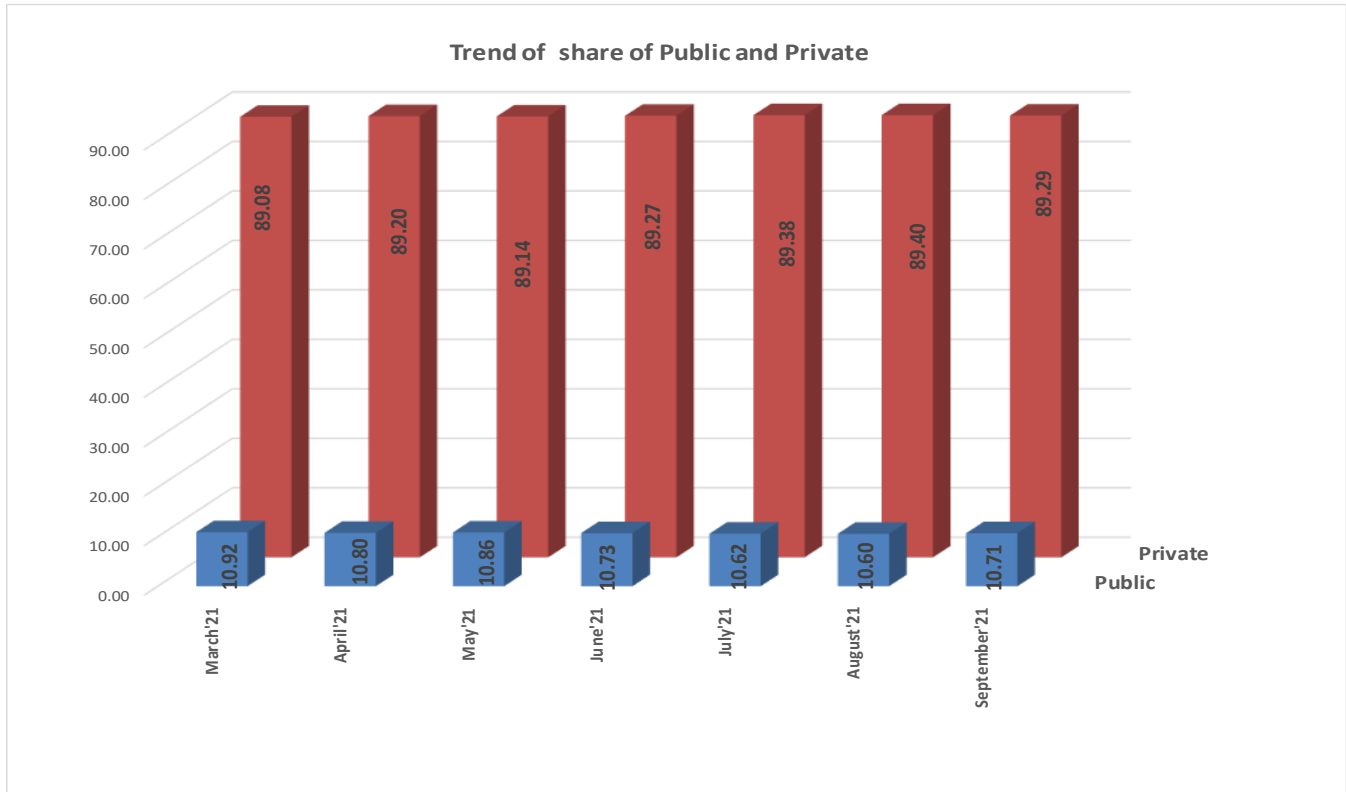
## Telephones: Wireline vs Wireless

Month	Telephones			Additions	Share(%)		Growth (%)		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
March'21	20239669	1180637882	1200877551	13146629	1.69	98.31	0.26	1.12	1.11
<b>2021-22</b>									
April'21	20361232	1182991998	1203353230	2475679	1.69	98.31	0.60	0.20	0.21
May'21	21664285	1176765262	1198429547	-4923683	1.81	98.19	6.40	-0.53	-0.41
June'21	21735957	1180780300	1202516257	4086710	1.81	98.19	0.33	0.34	0.34
July'21	22606083	1186785287	1209391370	6875113	1.87	98.13	4.00	0.51	0.57
August'21	22859226	1186671242	1209530468	139098	1.89	98.11	1.12	-0.01	0.01
September'21	23131522	1165967533	1189099055	-20431413	1.95	98.05	1.19	-1.74	-1.69



## Public vs. Private

- In September'21, share of public sector in total telephones was 10.71%, as against 89.29% of the private sector. In August'21, it was 10.60% and 89.40% respectively.

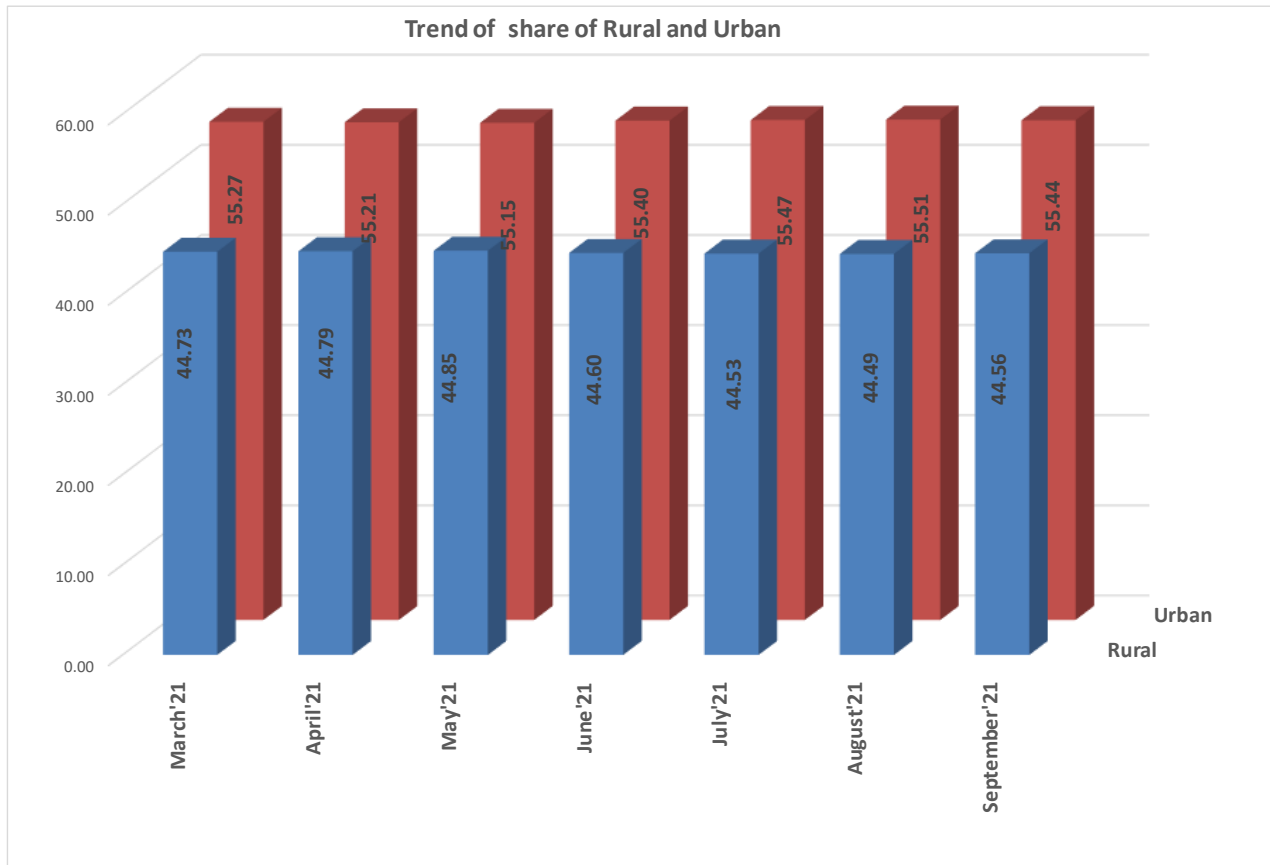


## Telephones: Public vs. Private

Month	Telephones			Additions		Share(%)		Growth (%)	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
March'21	131159277	1069718274	1200877551	-150901	13297530	10.92	89.08	-0.11	1.26
<b>2021-22</b>									
April'21	129933735	1073419495	1203353230	-1225542	3701221	10.80	89.20	-0.93	0.35
May'21	130166361	1068263186	1198429547	232626	-5156309	10.86	89.14	0.18	-0.48
June'21	128982858	1073533399	1202516257	-1183503	5270213	10.73	89.27	-0.91	0.49
July'21	128449487	1080941883	1209391370	-533371	7408484	10.62	89.38	-0.41	0.69
August'21	128268382	1081262086	1209530468	-181105	320203	10.60	89.40	-0.14	0.03
September'21	127302868	1061796187	1189099055	-965514	-19465899	10.71	89.29	-0.75	-1.80

## Rural vs. Urban

- ☞ Share of rural areas in total telephones increased to 44.56% in September'21 against 44.49% of August'21. The share of urban areas, on the other hand, decreased to 55.44% in September'21 from 55.51% in August'21.



## **Telephones: Rural vs. Urban**

Month	Telephones			Additions		Share(%)		Growth (%)	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
<b>March'21</b>	537113804	663763747	<b>1200877551</b>	7237360	5909269	44.73	55.27	1.37	0.90
<b>2021-22</b>									
<b>April'21</b>	538950627	664402603	<b>1203353230</b>	1836823	638856	44.79	55.21	0.34	0.10
<b>May'21</b>	537489238	660940309	<b>1198429547</b>	-1461389	-3462294	44.85	55.15	-0.27	-0.52
<b>June'21</b>	536320254	666196003	<b>1202516257</b>	-1168984	5255694	44.60	55.40	-0.22	0.80
<b>July'21</b>	538561547	670829823	<b>1209391370</b>	2241293	4633820	44.53	55.47	0.42	0.70
<b>August'21</b>	538131517	671398951	<b>1209530468</b>	-430030	569128	44.49	55.51	-0.08	0.08
<b>September'21</b>	529912302	659186753	<b>1189099055</b>	-8219215	-12212198	44.56	55.44	-1.53	-1.82

## Teledensity

The overall tele-density at the end of September'21 stood at 86.89%. Among the Service areas, Himachal Pradesh (141.67%) had the highest tele-density followed by Kerala (127.42%), Punjab (122.39%), Tamil Nadu (107.19%) and Karnataka (103.23%). Among the three metros, Delhi Service Area topped in tele-density with 269.76%, followed by Kolkata (150.94%) and Mumbai (146.09%).

Teledensity : Service Area wise (%)							
Service Area	March'21	April'21	May'21	June'21	July'21	August'21	September'21
ANDHRA PRADESH	99.56	99.43	98.31	98.53	98.55	98.54	97.17
ASSAM	70.86	71.55	71.69	71.75	72.25	72.18	69.62
BIHAR	53.57	53.57	53.38	53.59	53.95	53.81	53.59
GUJARAT	99.18	99.53	99.31	99.68	100.17	99.62	97.61
HARYANA	95.24	95.64	95.49	95.65	96.28	96.37	95.36
HIMACHAL PRADESH	152.50	151.98	151.05	148.00	148.73	149.34	141.67
JAMMU & KASHMIR	89.01	88.44	87.73	88.33	88.41	88.53	86.76
KARNATAKA	105.85	105.46	104.38	104.66	104.59	104.80	103.23
KERALA	129.45	130.56	130.39	130.43	131.38	131.40	127.42
MADHYA PRADESH	68.87	69.09	68.91	69.26	69.79	69.85	69.47
MAHARASHTRA	95.83	95.67	95.34	95.58	96.21	95.85	94.84
NORTH-EAST	81.11	81.58	81.30	81.37	81.27	81.28	78.29
ORISSA	78.46	78.79	78.82	79.49	80.13	79.78	77.19
PUNJAB	125.27	125.67	124.87	125.40	126.05	126.61	122.39
RAJASTHAN	84.14	83.82	83.06	83.07	83.08	82.87	81.86
TAMIL NADU	108.22	108.76	108.06	108.44	108.47	109.01	107.19
UTTAR PRADESH - [East]	68.09	68.43	68.36	68.31	69.17	69.11	68.66
UTTAR PRADESH - [West]							
WEST BENGAL	68.50	69.03	69.12	69.59	70.18	70.21	69.82
KOLKATA	163.86	163.01	160.44	160.29	160.28	159.71	150.94
DELHI	282.01	281.65	278.82	280.29	279.50	278.27	269.76
MUMBAI	158.26	155.75	154.38	155.18	155.62	155.78	146.09
TOTAL	88.15	88.26	87.83	88.07	88.50	88.44	86.89

Note: 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.

Overall teledensity for the month of September'21 stood at 86.89% as against 88.44% in August'21. The teledensity for wireless segment was 85.19% whereas that of wireline segment is 1.69%. Teledensity reported in rural areas was 59.25% and that in the urban areas was 139.00%. In Public sector, teledensity was 9.30% and in Private sector, it was 77.58% for the month of September'21.

## Tele-density

Month	Teledensity (%)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
March'21	60.17	141.29	<b>88.15</b>	1.49	86.66	9.63	78.52
<b>2021-22</b>							
April'21	60.37	141.17	<b>88.26</b>	1.49	86.77	9.53	78.73
May'21	60.18	140.22	<b>87.83</b>	1.59	86.24	9.54	78.29
June'21	60.03	141.12	<b>88.07</b>	1.59	86.47	9.45	78.62
July'21	60.26	141.88	<b>88.50</b>	1.65	86.85	9.40	79.10
August'21	60.19	141.79	<b>88.44</b>	1.67	86.77	9.38	79.06
September'21	59.25	139.00	<b>86.89</b>	1.69	85.19	9.30	77.58

## Internet

- ☞ The number of Internet subscribers (both broadband and narrowband put together) which was 825.30 million at the end of March'21 increased to 833.71 million by the end of June'21. The number of subscribers accessing internet via wireless phones was 810.13 million at the end of June'21. The number of wired Internet subscribers was 23.58 million at the end of June'21.

Trends of Internet Subscribers (in million)								
Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	September'19	December'19	March'20	June'20	September'20	December'20	March'21	June'21
	687.63	718.75	743.19	749.07	776.45	795.18	825.30	833.71
Quarterly Growth (in Percentage)	3.35	4.53	3.40	0.79	3.66	2.41	3.79	1.02

Source: TRAI

Internet Subscriber Base in India - June'21 (in million)			
Segment	Wired	Total Wireless	Total
Broadband	23.52	769.26	792.78
Narrowband	0.06	40.87	40.93
<b>Total</b>	<b>23.58</b>	<b>810.13</b>	<b>833.71</b>

Source: TRAI

Composition of Internet Subscribers June'21					
Parameters	Rural	Urban	Total	Wireline	Wireless
June'21	336.87	496.84	833.71	23.58	810.13

Source: TRAI

☞ The number of Broadband subscribers was 794.89 million at the end of September'21 as compared to 813.47 million in August'21, showing a decrease of 2.28%.

<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>January'21</b>	22.67	734.93	757.60	1.36
<b>February'21</b>	22.26	742.84	765.10	0.99
<b>March'21</b>	22.75	755.34	778.09	1.70
<b>April'21</b>	22.42	760.45	782.87	0.61
<b>May'21</b>	22.74	757.53	780.27	-0.33
<b>June'21</b>	23.52	769.26	792.78	1.60
<b>July'21</b>	24.01	784.58	808.59	1.99
<b>August'21</b>	24.29	789.18	813.47	0.60
<b>September'21</b>	24.39	770.5	794.89	-2.28

Source: TRAI

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