

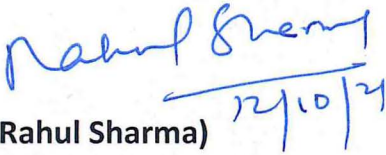
**No. 18-06/2021-STT(T)**  
**Government of India**  
**Ministry of Communication**  
**DEPARTMENT OF TELECOM**  
**(STT - Section)**

\*\*\*\*

Dated: October <sup>15</sup> 12, 2021

**Subject: - Monthly Telecom Scenario as on August'21 & July'21.**

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



(Rahul Sharma)  
Director (STT)

Telephone No.: 23218848

Secretary-DOT

Special Secretary

Member (F)

Member (S)

Member (T)

DG(T)

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Adviser (T)

Joint Secretary

ALL Sr. DDG's & DDGs'

Copy to:

Sr. Economic Adviser

Economic Adviser



# Monthly Telecom Scenario

August'21

Statistics Section  
Department of  
Telecommunications  
Government of India



## Overview

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

Parameter	Unit	August'21	July'21	August'20
<b>Total Phones</b>		<b>1209.53</b>	<b>1209.39</b>	<b>1167.70</b>
Wireline	<b>million</b>	22.86	22.61	19.89
Wireless		1186.67	1186.79	1147.81
Rural		538.13	538.56	524.75
Urban		671.40	670.83	642.95
Public		128.27	128.45	133.11
Private		1081.26	1080.94	1034.59
Wireline %age to Total Phones		<b>(%)</b>	1.89	1.87
Wireless %age to Total Phones	98.11		98.13	98.30
Rural %age to Total Phones	44.49		44.53	44.94
Urban %age to Total Phones	55.51		55.47	55.06
Public %age to Total Phones	10.60		10.62	11.40
Private %age to Total Phones	89.40		89.38	88.60
<b>Overall Teledensity</b>		<b>88.44</b>	<b>88.50</b>	<b>86.23</b>
Wireline Teledensity	<b>(%)</b>	1.67	1.65	1.47
Wireless Teledensity		86.77	86.85	84.76
Rural Teledensity		60.19	60.26	58.97
Urban Teledensity		141.79	141.88	138.43
Public		9.38	9.40	9.83
Private		79.06	79.10	76.40
<b>Teledensity: Top five service area</b>				
Himachal Pradesh	<b>(%)</b>	149.34	148.73	149.62
Kerala		131.40	131.38	128.93
Punjab		126.61	126.05	125.34
Tamil Nadu		109.01	108.47	104.48
Karnataka		104.80	104.59	103.59
<b>Teledensity: Metros</b>				
Delhi	<b>(%)</b>	278.27	279.50	272.71
Kolkata		159.71	160.28	161.93
Mumbai		155.78	155.62	155.05
<b>Broadband</b>	<b>million</b>	<b>N.A.</b>	<b>808.60</b>	<b>716.19</b>



At the end of August'21, the total number of telephones was 1209.53 million, compared to 1209.39 million by the end of July'21, showing an increase of 0.14 million. Maximum rise in total telephone connections was recorded in Tamil Nadu (443873) followed by Uttar Pradesh - [West] (229180) and Punjab (199140). However, Maharashtra, Gujarat and Uttar Pradesh - [East] recorded a fall in telephone connections over previous month, with a decrease of 352783, 308416 & 223733 respectively.

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



Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.52%) followed by Maharashtra (7.95%), Andhra Pradesh (7.39%), Bihar (7.24%) and Tamil Nadu (7.04%). These five Service areas taken together accounted for 38.14% of total telephone connections in India.

<b>Telephones during the month of August'21</b>				
<b>Service Area</b>	<b>Wireline</b>	<b>Wireless</b>	<b>Total Phones</b>	<b>Share (%) of Total Phones</b>
<b>ANDHRA PRADESH</b>	1737566	87635003	<b>89372569</b>	<b>7.39</b>
<b>ASSAM</b>	175935	25238921	<b>25414856</b>	<b>2.10</b>
<b>BIHAR</b>	357077	87206868	<b>87563945</b>	<b>7.24</b>
<b>GUJARAT</b>	1019206	70052994	<b>71072200</b>	<b>5.88</b>
<b>HARYANA</b>	303733	28284518	<b>28588251</b>	<b>2.36</b>
<b>HIMACHAL PRADESH</b>	111662	10958561	<b>11070223</b>	<b>0.92</b>
<b>JAMMU &amp; KASHMIR</b>	232193	11945540	<b>12177733</b>	<b>1.01</b>
<b>KARNATAKA</b>	2417592	67859218	<b>70276810</b>	<b>5.81</b>
<b>KERALA</b>	1326600	45489569	<b>46816169</b>	<b>3.87</b>
<b>MADHYA PRADESH</b>	876484	79240398	<b>80116882</b>	<b>6.62</b>
<b>MAHARASHTRA</b>	1359714	94842265	<b>96201979</b>	<b>7.95</b>
<b>NORTH-EAST</b>	138727	12491212	<b>12629939</b>	<b>1.04</b>
<b>ORISSA</b>	287161	34894209	<b>35181370</b>	<b>2.91</b>
<b>PUNJAB</b>	769621	39304113	<b>40073734</b>	<b>3.31</b>
<b>RAJASTHAN</b>	588081	65473308	<b>66061389</b>	<b>5.46</b>
<b>TAMIL NADU</b>	2230556	82909589	<b>85140145</b>	<b>7.04</b>
<b>UTTAR PRADESH - [East]</b>	510538	102492449	<b>103002987</b>	<b>8.52</b>
<b>UTTAR PRADESH - [West]</b>	487442	64844769	<b>65332211</b>	<b>5.40</b>
<b>WEST BENGAL</b>	323919	57632882	<b>57956801</b>	<b>4.79</b>
<b>KOLKATA</b>	872134	26123398	<b>26995532</b>	<b>2.23</b>
<b>DELHI</b>	3661752	54128991	<b>57790743</b>	<b>4.78</b>
<b>MUMBAI</b>	3071533	37622467	<b>40694000</b>	<b>3.36</b>
<b>TOTAL</b>	<b>22859226</b>	<b>1186671242</b>	<b>1209530468</b>	<b>100.00</b>

## Wireless vs. Wireline

- ☞ The share of wireless segment in total connections stood at 98.11% by the end of August'21, while the share of wireline telephones was 1.89%.



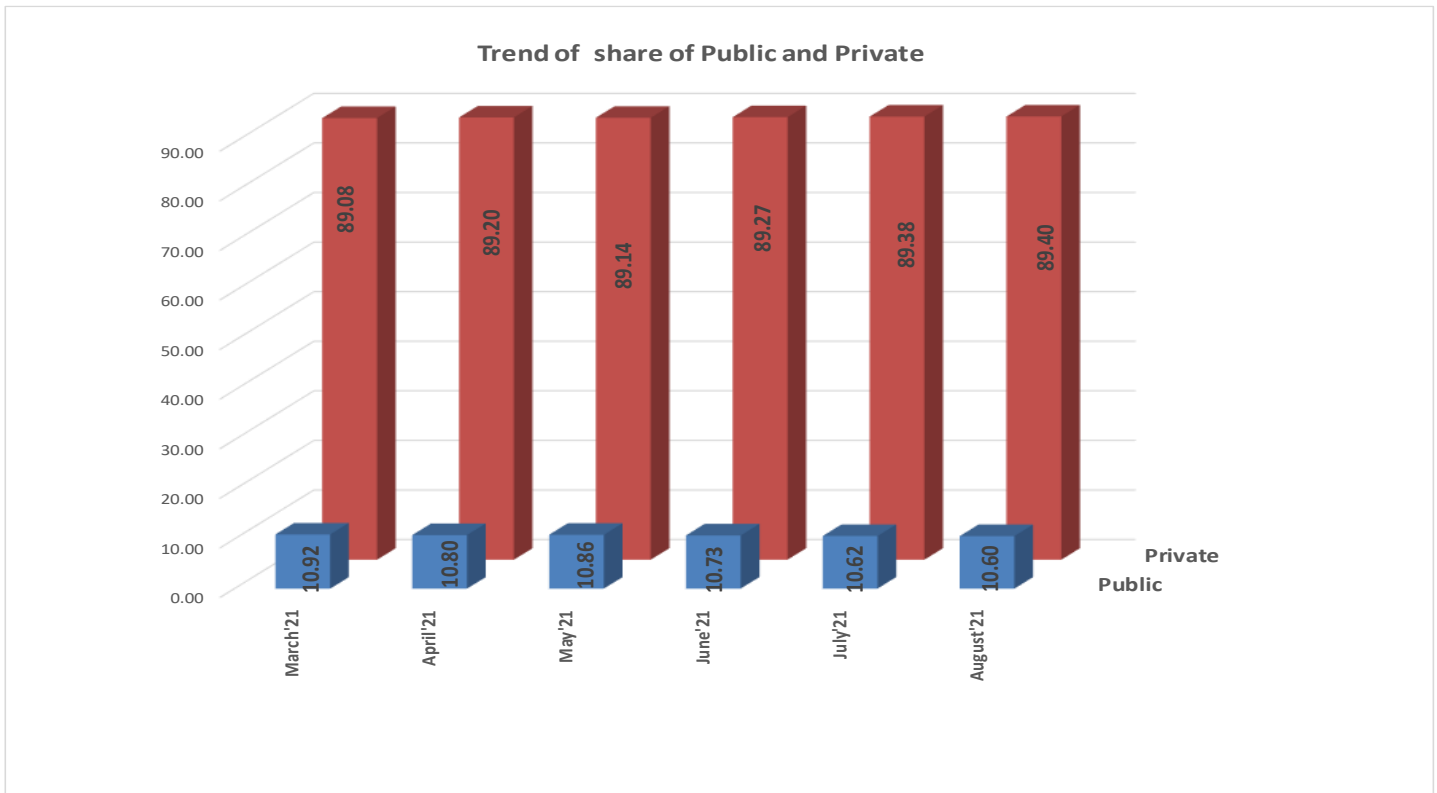
### Telephones: Wireline vs Wireless

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



## Public vs. Private

👉 In August'21, share of public sector in total telephones was 10.60%, as against 89.40% of the private sector. In July'21, it was 10.62% and 89.38% respectively.

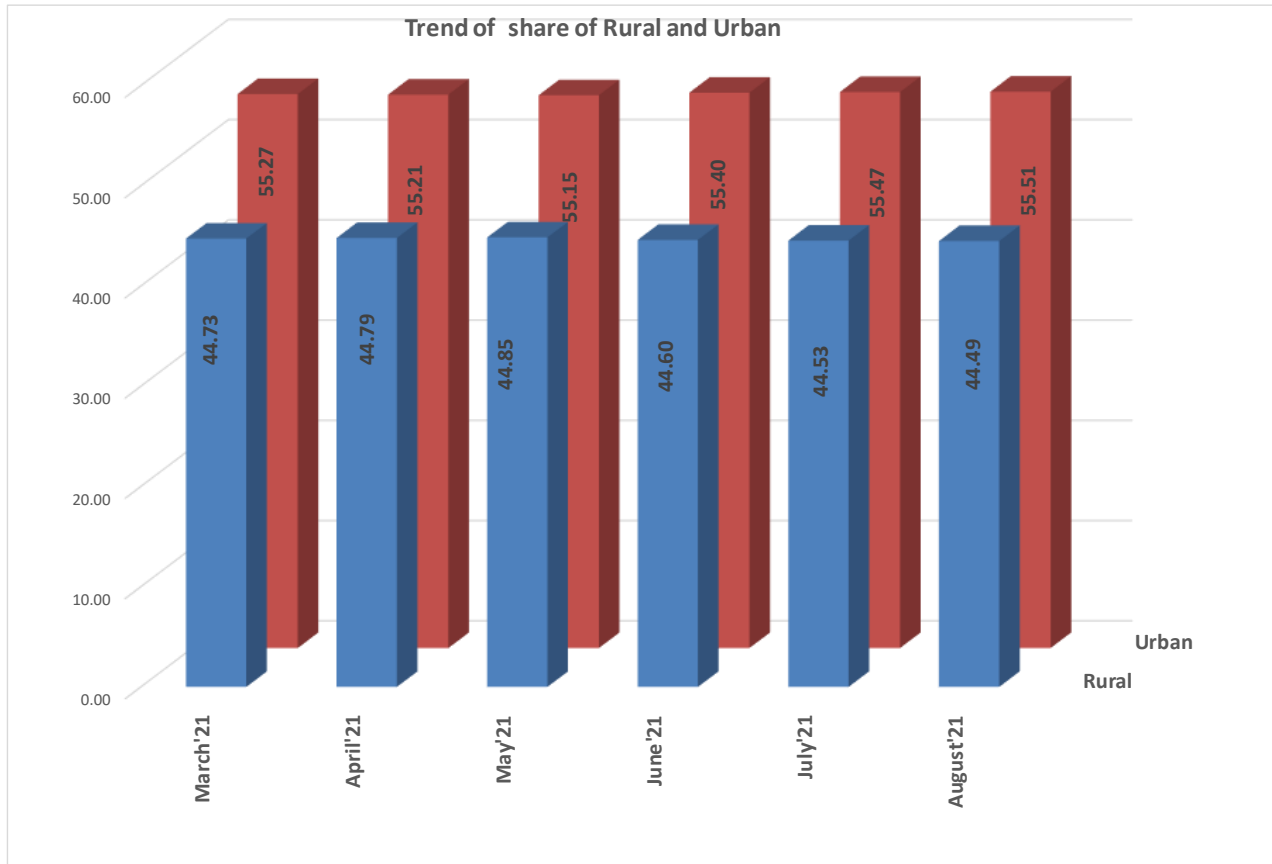


## Telephones: Public vs. Private

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

## Rural vs. Urban

☞ Share of rural areas in total telephones decreased to 44.49% in August'21 against 44.53% of July'21. The share of urban areas, on the other hand, increased to 55.51% in August'21 from 55.47% in July'21.



## Telephones: Rural vs. Urban

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

## Teledensity

- ☞ The overall tele-density at the end of August'21 stood at 88.44%. Among the Service areas, Himachal Pradesh (149.34%) had the highest tele-density followed by Kerala (131.40%), Punjab (126.61%), Tamil Nadu (109.01%) and Karnataka (104.80%). Among the three metros, Delhi Service Area topped in tele-density with 278.27%, followed by Kolkata (159.71%) and Mumbai (155.78%).

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

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 August'21 stood at 88.44% as against 88.50% in July'21. The teledensity for wireless segment was 86.77% whereas that of wireline segment is 1.67%. Teledensity reported in rural areas was 60.19% and that in the urban areas was 141.79%. In Public sector, teledensity was 9.38% and in Private sector, it was 79.06% for the month of August'21.

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

## Internet

☞ The number of Internet subscribers (both broadband and narrowband put together) which was 795.18 million at the end of December 20 increased to 825.30 million by the end of March'21. The number of subscribers accessing internet via wireless phones was 799.30 million at the end of March'21. The number of wired Internet subscribers was 26.00 million at the end of March'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
	687.63	718.75	743.19	749.07	776.45	795.18	825.30
Quarterly Growth (in Percentage)	3.35	4.53	3.40	0.79	3.66	2.41	3.79

Source: TRAI

Internet Subscriber Base in India - March'21 (in million)			
Segment	Wired	Total Wireless	Total
Broadband	22.75	755.34	778.09
Narrowband	3.25	43.96	47.21
<b>Total</b>	<b>26.00</b>	<b>799.30</b>	<b>825.30</b>

Source: TRAI

Composition of Internet Subscribers March'21							
Parameters	Rural	Urban	Total	Wireline	Wireless	Private	Public
March'21	322.77	502.53	825.30	26.00	799.30	791.76	33.54

Source: TRAI

☞ The number of Broadband subscribers was 808.59 million at the end of July'21 as compared to 792.78 million in June'20, showing an increase of 1.99%.

<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'20</b>	19.02	657.12	676.14	-1.64
<b>May'20</b>	19.38	664.39	683.77	1.13
<b>June'20</b>	19.82	678.41	698.23	2.11
<b>July'20</b>	20.13	685.28	705.41	1.03
<b>August'20</b>	20.47	695.72	716.19	1.53
<b>September'20</b>	21.12	705.21	726.33	1.42
<b>October'20</b>	21.51	713.32	734.83	1.17
<b>November'20</b>	21.89	720.18	742.07	0.99
<b>December'20</b>	22.29	725.11	747.40	0.72
<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

Source: TRAI

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# Monthly Telecom Scenario

July'21

Statistics Section  
Department of  
Telecommunications  
Government of India



## Overview

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

Parameter	Unit	July'21	June'21	July'20
<b>Total Phones</b>		<b>1209.39</b>	<b>1202.52</b>	<b>1165.56</b>
Wireline	<b>million</b>	22.61	21.74	19.82
Wireless		1186.79	1180.78	1145.74
Rural		538.56	536.32	525.37
Urban		670.83	666.20	640.19
Public		128.45	128.98	134.71
Private		1080.94	1073.54	1030.85
Wireline %age to Total Phones		<b>(%)</b>	1.87	1.81
Wireless %age to Total Phones	98.13		98.19	98.30
Rural %age to Total Phones	44.53		44.60	45.07
Urban %age to Total Phones	55.47		55.40	54.93
Public %age to Total Phones	10.62		10.73	11.56
Private %age to Total Phones	89.38		89.27	88.44
<b>Overall Teledensity</b>			<b>88.50</b>	<b>88.07</b>
Wireline Teledensity	<b>(%)</b>	1.65	1.59	1.46
Wireless Teledensity		86.85	86.47	84.68
Rural Teledensity		60.26	60.03	59.07
Urban Teledensity		141.88	141.12	138.07
Public		9.40	9.45	9.96
Private		79.10	78.62	76.19
<b>Teledensity: Top five Circles</b>				
Himachal Pradesh	<b>(%)</b>	148.73	148.00	148.06
Kerala		131.38	130.43	127.79
Punjab		126.05	125.40	125.17
Tamil Nadu		108.47	108.44	106.02
Karnataka		104.59	104.66	103.2
<b>Teledensity: Metros</b>				
Delhi	<b>(%)</b>	279.50	280.29	272.62
Kolkata		160.28	160.29	160.28
Mumbai		155.62	155.18	154.68
<b>Broadband</b>	<b>million</b>	<b>808.60</b>	<b>792.78</b>	<b>705.41</b>





At the end of July'21, the total number of telephones was 1209.39 million, compared to 1202.52 million by the end of June'21, showing an increase of 6.87 million. Maximum rise in total telephone connections was recorded in Uttar Pradesh - [East] (1344260) followed by Uttar Pradesh - [West] (885110) and Bihar (689532). However, Delhi, Karnataka and North-East recorded a fall in telephone connections over previous month, with a decrease of 70727, 9725 & 5233 respectively.

<b>Total Telephones : Service Area wise</b>					
<b>Service Area</b>	<b>March'21</b>	<b>April'21</b>	<b>May'21</b>	<b>June'21</b>	<b>July'21</b>
<b>ANDHRA PRADESH</b>	90143027	90058355	89070777	89300694	89348746
<b>ASSAM</b>	24851659	25114178	25183769	25225077	25419462
<b>BIHAR</b>	86655340	86756989	86554187	86994584	87684116
<b>GUJARAT</b>	70360433	70688468	70612279	70957897	71380616
<b>HARYANA</b>	28108730	28257291	28240486	28316601	28530592
<b>HIMACHAL PRADESH</b>	11280717	11246412	11182446	10960556	11019129
<b>JAMMU &amp; KASHMIR</b>	12206319	12136062	12044733	12135405	12152975
<b>KARNATAKA</b>	70792799	70570523	69883971	70108513	70098788
<b>KERALA</b>	46044293	46453227	46408401	46439155	46794749
<b>MADHYA PRADESH</b>	78594592	78929577	78799097	79285561	79961966
<b>MAHARASHTRA</b>	96174005	96016800	95679268	95925942	96554762
<b>NORTH-EAST</b>	12553773	12636667	12602157	12622357	12617124
<b>ORISSA</b>	34555692	34709370	34731645	35036680	35326984
<b>PUNJAB</b>	39541603	39689587	39458753	39644933	39874594
<b>RAJASTHAN</b>	66770438	66577426	66029385	66096753	66166487
<b>TAMIL NADU</b>	84407370	84848336	84332602	84653849	84696272
<b>UTTAR PRADESH - [East]</b>	101170267	101771684	101753350	101882460	103226720
<b>UTTAR PRADESH - [West]</b>	63959345	64319371	64305318	64217921	65103031
<b>WEST BENGAL</b>	56548057	56987386	57054172	57442338	57930838
<b>KOLKATA</b>	27348582	27275863	26914248	26957478	27023941
<b>DELHI</b>	58104641	58123687	57632287	58024636	57953909
<b>MUMBAI</b>	40705869	40185971	39956216	40286867	40525569
<b>TOTAL</b>	<b>1200877551</b>	<b>1203353230</b>	<b>1198429547</b>	<b>1202516257</b>	<b>1209391370</b>

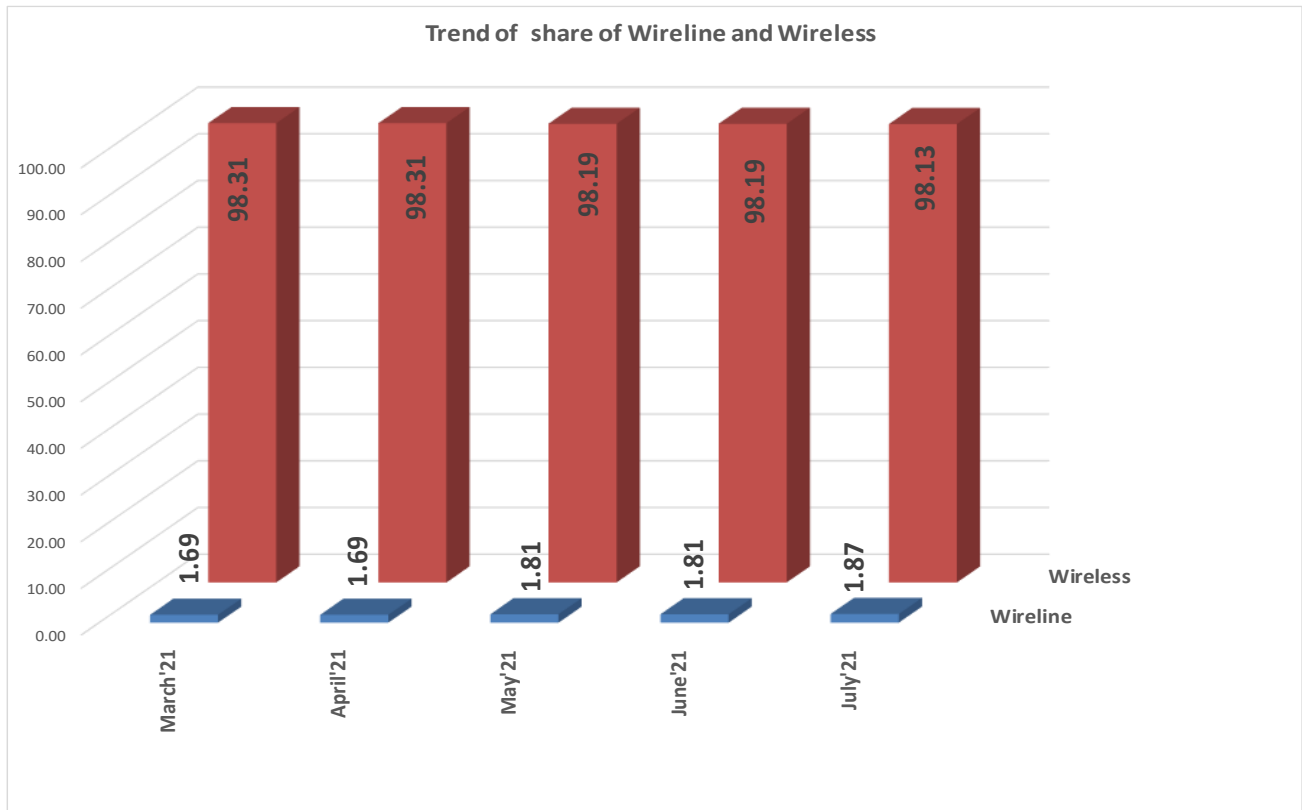


Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.54%) followed by Maharashtra (7.98%), Andhra Pradesh (7.39%), Bihar (7.25%) and Tamil Nadu (7.00%). These five Service areas taken together accounted for 38.16% of total telephone connections in India.

<b>Telephones during the month of July'21</b>				
<b>Service Area</b>	<b>Wireline</b>	<b>Wireless</b>	<b>Total Phones</b>	<b>Share (%) of Total Phones</b>
ANDHRA PRADESH	1702141	87646605	<b>89348746</b>	<b>7.39</b>
ASSAM	170598	25248864	<b>25419462</b>	<b>2.10</b>
BIHAR	339801	87344315	<b>87684116</b>	<b>7.25</b>
GUJARAT	1004650	70375966	<b>71380616</b>	<b>5.90</b>
HARYANA	299692	28230900	<b>28530592</b>	<b>2.36</b>
HIMACHAL PRADESH	109867	10909262	<b>11019129</b>	<b>0.91</b>
JAMMU & KASHMIR	229111	11923864	<b>12152975</b>	<b>1.00</b>
KARNATAKA	2390271	67708517	<b>70098788</b>	<b>5.80</b>
KERALA	1369701	45425048	<b>46794749</b>	<b>3.87</b>
MADHYA PRADESH	855449	79106517	<b>79961966</b>	<b>6.61</b>
MAHARASHTRA	1359200	95195562	<b>96554762</b>	<b>7.98</b>
NORTH-EAST	134032	12483092	<b>12617124</b>	<b>1.04</b>
ORISSA	280728	35046256	<b>35326984</b>	<b>2.92</b>
PUNJAB	765245	39109349	<b>39874594</b>	<b>3.30</b>
RAJASTHAN	576000	65590487	<b>66166487</b>	<b>5.47</b>
TAMIL NADU	2195610	82500662	<b>84696272</b>	<b>7.00</b>
UTTAR PRADESH - [East]	493281	102733439	<b>103226720</b>	<b>8.54</b>
UTTAR PRADESH - [West]	473833	64629198	<b>65103031</b>	<b>5.38</b>
WEST BENGAL	315737	57615101	<b>57930838</b>	<b>4.79</b>
KOLKATA	852637	26171304	<b>27023941</b>	<b>2.23</b>
DELHI	3628820	54325089	<b>57953909</b>	<b>4.79</b>
MUMBAI	3059679	37465890	<b>40525569</b>	<b>3.35</b>
<b>TOTAL</b>	<b>22606083</b>	<b>1186785287</b>	<b>1209391370</b>	<b>100.00</b>

## Wireless vs. Wireline

☞ The share of wireless segment in total connections stood at 98.13% by the end of July'21, while the share of wireline telephones was 1.87%.

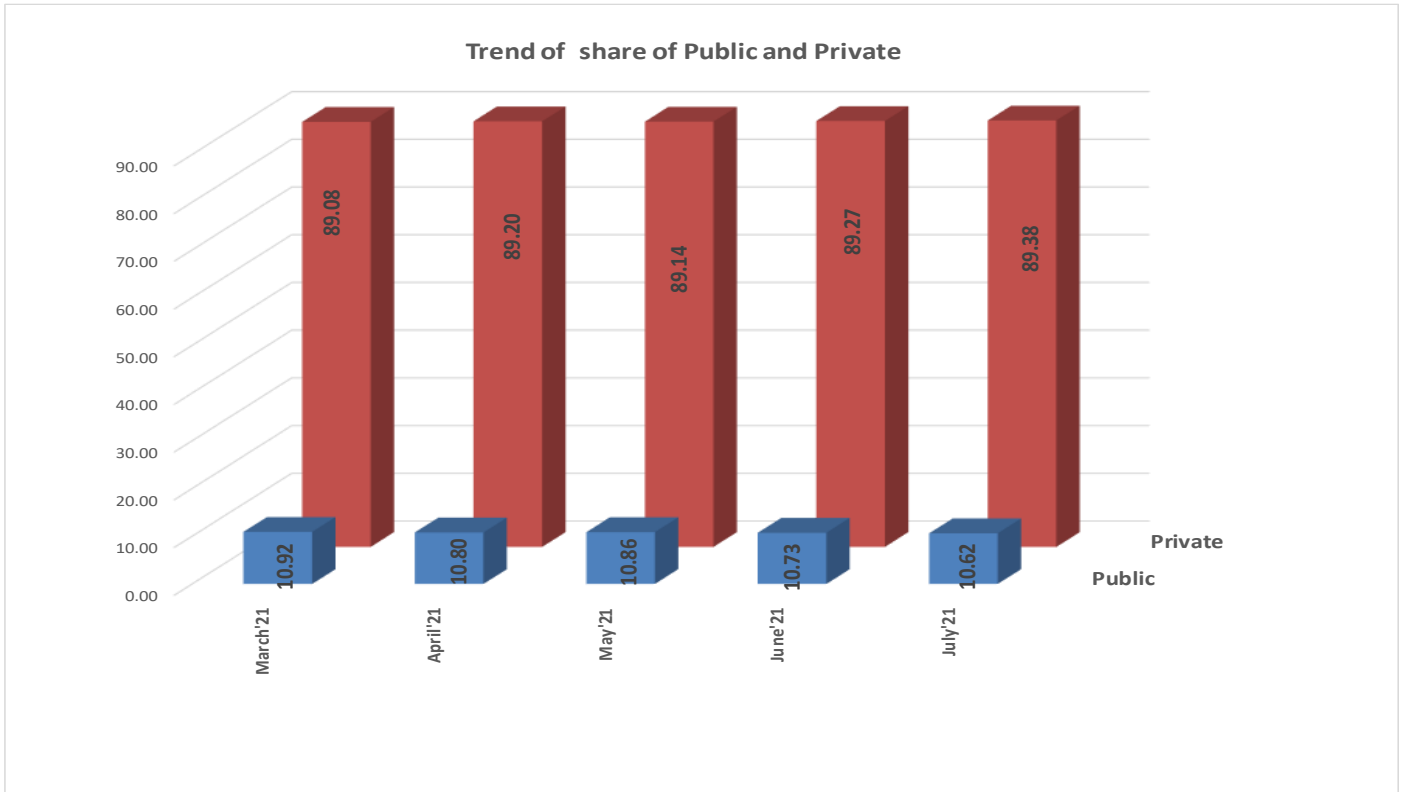


## Telephones: Wireline vs Wireless

Month	Telephones			Additions	Share(%)		Growth (%)		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
<b>March'21</b>	20239669	1180637882	<b>1200877551</b>	13146629	1.69	98.31	0.26	1.12	1.11
<b>2021-22</b>									
<b>April'21</b>	20361232	1182991998	<b>1203353230</b>	2475679	1.69	98.31	0.60	0.20	0.21
<b>May'21</b>	21664285	1176765262	<b>1198429547</b>	-4923683	1.81	98.19	6.40	-0.53	-0.41
<b>June'21</b>	21735957	1180780300	<b>1202516257</b>	4086710	1.81	98.19	0.33	0.34	0.34
<b>July'21</b>	22606083	1186785287	<b>1209391370</b>	6875113	1.87	98.13	4.00	0.51	0.57

Public vs. Private

☞ In July'21, share of public sector in total telephones was 10.62%, as against 89.38% of the private sector. In June'21, it was 10.73% and 89.27% respectively.

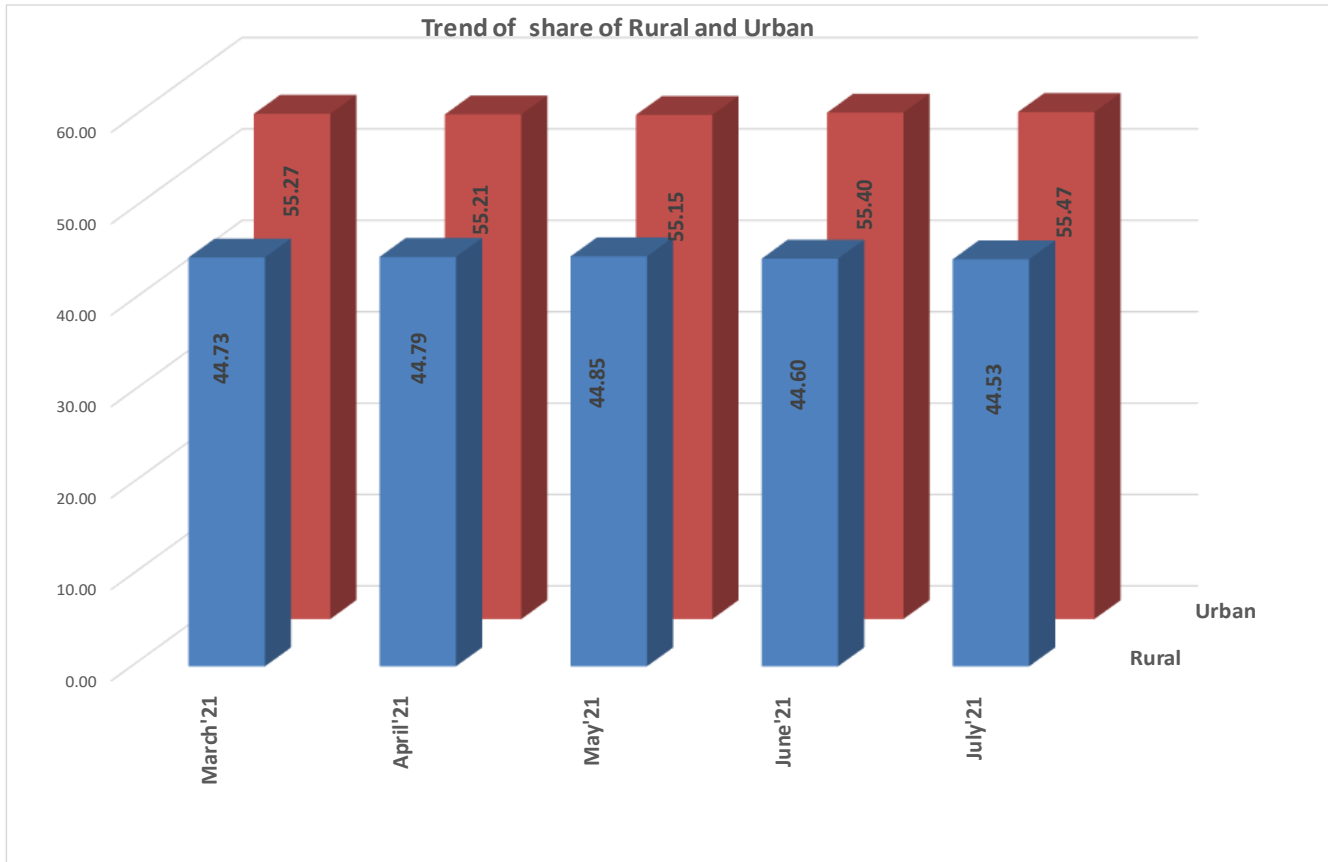


**Telephones: Public vs. Private**

Month	Telephones			Additions		Share(%)		Growth (%)	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
<b>March'21</b>	131159277	1069718274	<b>1200877551</b>	-150901	13297530	10.92	89.08	-0.11	1.26
<b>2021-22</b>									
<b>April'21</b>	129933735	1073419495	<b>1203353230</b>	-1225542	3701221	10.80	89.20	-0.93	0.35
<b>May'21</b>	130166361	1068263186	<b>1198429547</b>	232626	-5156309	10.86	89.14	0.18	-0.48
<b>June'21</b>	128982858	1073533399	<b>1202516257</b>	-1183503	5270213	10.73	89.27	-0.91	0.49
<b>July'21</b>	128449487	1080941883	<b>1209391370</b>	-533371	7408484	10.62	89.38	-0.41	0.69

## Rural vs. Urban

- Share of rural areas in total telephones decreased to 44.53% in July'21 against 44.60% of June'21. The share of urban areas, on the other hand, increased to 55.47% in July'21 from 55.40% in June'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

## Teledensity

- ☞ The overall tele-density at the end of July'21 stood at 88.50%. Among the Service areas, Himachal Pradesh (148.73%) had the highest tele-density followed by Kerala (131.38%), Punjab (126.05%), Tamil Nadu (108.47%) and Karnataka (104.59%). Among the three metros, Delhi Service Area topped in tele-density with 279.50%, followed by Kolkata (160.28%) and Mumbai (155.62%).

Teledensity : Service Area wise (%)					
Service Area	March'21	April'21	May'21	June'21	July'21
ANDHRA PRADESH	99.56	99.43	98.31	98.53	98.55
ASSAM	70.86	71.55	71.69	71.75	72.25
BIHAR	53.57	53.57	53.38	53.59	53.95
GUJARAT	99.18	99.53	99.31	99.68	100.17
HARYANA	95.24	95.64	95.49	95.65	96.28
HIMACHAL PRADESH	152.50	151.98	151.05	148.00	148.73
JAMMU & KASHMIR	89.01	88.44	87.73	88.33	88.41
KARNATAKA	105.85	105.46	104.38	104.66	104.59
KERALA	129.45	130.56	130.39	130.43	131.38
MADHYA PRADESH	68.87	69.09	68.91	69.26	69.79
MAHARASHTRA	95.83	95.67	95.34	95.58	96.21
NORTH-EAST	81.11	81.58	81.30	81.37	81.27
ORISSA	78.46	78.79	78.82	79.49	80.13
PUNJAB	125.27	125.67	124.87	125.40	126.05
RAJASTHAN	84.14	83.82	83.06	83.07	83.08
TAMIL NADU	108.22	108.76	108.06	108.44	108.47
UTTAR PRADESH - [East]	68.09	68.43	68.36	68.31	69.17
UTTAR PRADESH - [West]					
WEST BENGAL	68.50	69.03	69.12	69.59	70.18
KOLKATA	163.86	163.01	160.44	160.29	160.28
DELHI	282.01	281.65	278.82	280.29	279.50
MUMBAI	158.26	155.75	154.38	155.18	155.62
<b>TOTAL</b>	<b>88.15</b>	<b>88.26</b>	<b>87.83</b>	<b>88.07</b>	<b>88.50</b>

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

Overall teledensity for the month of July'21 stood at 88.50% as against 88.07% in June'21. The teledensity for wireless segment was 86.85% whereas that of wireline segment is 1.65%. Teledensity reported in rural areas was 60.26% and that in the urban areas was 141.88%. In Public sector, teledensity was 9.40% and in Private sector, it was 79.10% for the month of July'21.

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

## Internet

- ☞ The number of Internet subscribers (both broadband and narrowband put together) which was 795.18 million at the end of December 20 increased to 825.30 million by the end of March'21. The number of subscribers accessing internet via wireless phones was 799.30 million at the end of March'21. The number of wired Internet subscribers was 26.00 million at the end of March'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
	687.63	718.75	743.19	749.07	776.45	795.18	825.30
Quarterly Growth (in Percentage)	3.35	4.53	3.40	0.79	3.66	2.41	3.79

Source: TRAI

Internet Subscriber Base in India - March'21 (in million)			
Segment	Wired	Total Wireless	Total
Broadband	22.75	755.34	778.09
Narrowband	3.25	43.96	47.21
<b>Total</b>	26.00	799.30	825.30

Source: TRAI

Composition of Internet Subscribers March'21							
Parameters	Rural	Urban	Total	Wireline	Wireless	Private	Public
March'21	322.77	502.53	825.30	26.00	799.30	791.76	33.54

Source: TRAI

☞ The number of Broadband subscribers was 808.59 million at the end of July'21 as compared to 792.78 million in June'21, showing an increase of 1.99%.

<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'20</b>	19.02	657.12	676.14	-1.64
<b>May'20</b>	19.38	664.39	683.77	1.13
<b>June'20</b>	19.82	678.41	698.23	2.11
<b>July'20</b>	20.13	685.28	705.41	1.03
<b>August'20</b>	20.47	695.72	716.19	1.53
<b>September'20</b>	21.12	705.21	726.33	1.42
<b>October'20</b>	21.51	713.32	734.83	1.17
<b>November'20</b>	21.89	720.18	742.07	0.99
<b>December'20</b>	22.29	725.11	747.40	0.72
<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

Source: TRAI

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