

Monthly Telecom Scenario

December'21

Statistics Section
Department of
Telecommunications
Government of India

Overview

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

	Total	Wireline	Wireless	Rural	Urban	Public	Private
	Telephones (in million)						
Dec-20	1173.76	20.05	1153.71	525.64	648.12	132.09	1041.67
Nov-21	1191.03	23.53	1167.49	530.81	660.22	126.87	1064.16
Dec-21	1177.82	23.77	1154.05	522.84	654.98	127.38	1050.44
	%age Share						
Dec-20	-	1.71%	98.29%	44.78%	55.22%	11.25%	88.75%
Nov-21	-	1.98%	98.02%	44.57%	55.43%	10.65%	89.35%
Dec-21	-	2.02%	97.98%	44.39%	55.61%	10.81%	89.19%
	Teledensity						
Dec-20	86.37	1.48	84.90	58.96	138.63	9.72	76.65
Nov-21	86.89	1.72	85.18	59.31	138.79	9.26	77.64
Dec-21	85.87	1.73	84.13	58.40	137.48	9.29	76.58
	Growth in Telephones (in million)						
Dec'21 vis-à-vis Dec'20	4.06	3.72	0.34	-2.80	6.86	-4.71	8.77
Dec'21 vis-à-vis Nov'21	-13.21	0.24	-13.44	-7.97	-5.24	0.51	-13.72

Teledensity: Top five service area		Dec-21	Nov-21	Dec-20
Himachal Pradesh	(%)	140.89	142.49	150.87
Kerala		128.01	127.98	129.41
Punjab		121.72	122.97	121.94
Tamil Nadu		106.35	107.08	105.63
Karnataka		102.41	102.89	103.97
Teledensity: Metros		Dec-21	Nov-21	Dec-20
Delhi	(%)	269.86	269.57	273.26
Kolkata		147.66	148.23	161.7
Mumbai		140.92	145.26	148.71
Broadband	million	-	801.6	747.4

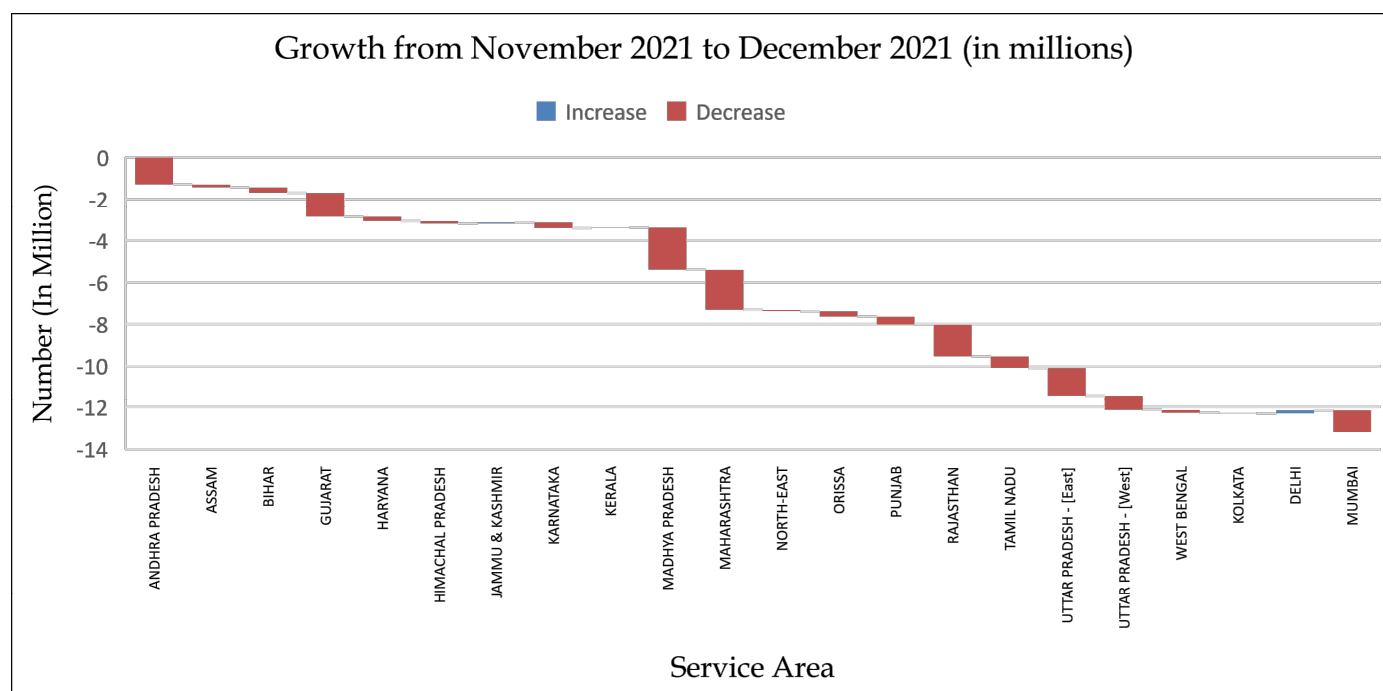
☞ At the end of December'21, the total number of telephones was 1177.82 million, compared to 1191.03 million by the end of November'21, showing a decrease of 13.21 million. Maximum rise in total telephone connections was recorded in Delhi (147507) followed by Jammu & Kashmir (51000) and Kerala (26261). However, Madhya Pradesh, Maharashtra and Rajasthan recorded a fall in telephone connections over previous month, with a decrease of 2.02 million, 1.91 million & 1.52 million respectively.

Table: Service area-wise Total Telephones

(in million)

Service Area	March'21	April'21	May'21	June'21	July'21	Aug'21	Sep'21	Oct'21	Nov'21	Decr'21
Andhra Pradesh	90.14	90.06	89.07	89.3	89.35	89.37	88.16	87.89	88.07	86.78
Assam	24.85	25.11	25.18	25.23	25.42	25.41	24.53	24.62	24.57	24.42
Bihar	86.66	86.76	86.55	86.99	87.68	87.56	87.31	87.03	87.43	87.18
Gujarat	70.36	70.69	70.61	70.96	71.38	71.07	69.71	69.74	69.71	68.54
Haryana	28.11	28.26	28.24	28.32	28.53	28.59	28.32	28.31	28.18	27.96
Himachal Pradesh	11.28	11.25	11.18	10.96	11.02	11.07	10.51	10.52	10.58	10.46
Jammu & Kashmir	12.21	12.14	12.04	12.14	12.15	12.18	11.94	11.91	12.01	12.07
Karnataka	70.79	70.57	69.88	70.11	70.1	70.28	69.26	69.17	69.1	68.82
Kerala	46.04	46.45	46.41	46.44	46.79	46.82	45.41	45.51	45.64	45.67
Madhya Pradesh	78.59	78.93	78.8	79.29	79.96	80.12	79.76	80.26	80.36	78.34
Maharashtra	96.17	96.02	95.68	95.93	96.55	96.2	95.19	95.59	95.69	93.78
North-East	12.55	12.64	12.6	12.62	12.62	12.63	12.17	12.2	12.22	12.15
Orissa	34.56	34.71	34.73	35.04	35.33	35.18	34.04	33.76	33.73	33.48
Punjab	39.54	39.69	39.46	39.64	39.87	40.07	38.76	38.92	38.99	38.61
Rajasthan	66.77	66.58	66.03	66.1	66.17	66.06	65.31	65.35	65.54	64.02
Tamil Nadu	84.41	84.85	84.33	84.65	84.7	85.14	83.75	83.47	83.71	83.16
Uttar Pradesh - [East]	101.17	101.77	101.75	101.88	103.23	103	102.4	102.66	102.37	101.03
Uttar Pradesh - [West]	63.96	64.32	64.31	64.22	65.1	65.33	64.97	65.13	65.46	64.75
West Bengal	56.55	56.99	57.05	57.44	57.93	57.96	57.63	57.58	57.88	57.75
Kolkata	27.35	27.28	26.91	26.96	27.02	27	25.58	25.31	25.24	25.21
Delhi	58.1	58.12	57.63	58.02	57.95	57.79	56.11	56.3	56.25	56.4
Mumbai	40.71	40.19	39.96	40.29	40.53	40.69	38.28	38.33	38.3	37.26
Total	1200.88	1203.35	1198.43	1202.52	1209.39	1209.53	1189.1	1189.55	1191.03	1177.82

Source: BSNL/MTNL/COAI



Service area-wise analysis reveals that Uttar Pradesh [East] had the highest share in the total telephones (8.58%) followed by Maharashtra (7.96%), Bihar (7.40%), Andhra Pradesh (7.37%) and Tamil Nadu (7.06%). These five Service areas taken together accounted for 38.37% of total telephone connections in India.

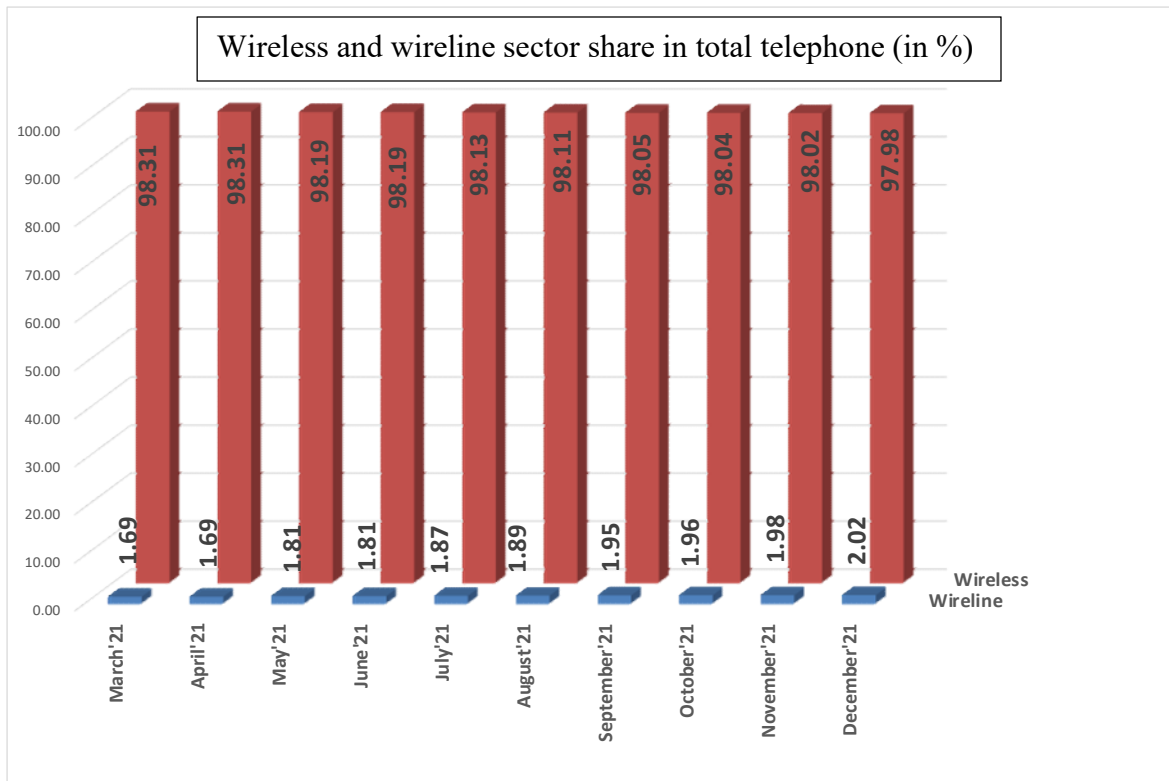
Table: Telephones during the month of December'21

Service Area	Wireline (in million)	Wireless (in million)	Total Phones	Share (%) of Total Phones
Andhra Pradesh	1.87	84.91	86.78	7.37
Assam	0.19	24.23	24.42	2.07
Bihar	0.40	86.77	87.17	7.40
Gujarat	1.03	67.51	68.54	5.82
Haryana	0.32	27.64	27.96	2.37
Himachal Pradesh	0.12	10.35	10.47	0.89
Jammu & Kashmir	0.26	11.80	12.06	1.02
Karnataka	2.54	66.28	68.82	5.84
Kerala	1.30	44.37	45.67	3.88
Madhya Pradesh	0.96	77.37	78.33	6.65
Maharashtra	1.37	92.41	93.78	7.96
North-East	0.15	12.00	12.15	1.03
Orissa	0.30	33.18	33.48	2.84
Punjab	0.81	37.80	38.61	3.28
Rajasthan	0.69	63.33	64.02	5.44
Tamil Nadu	2.26	80.90	83.16	7.06
Uttar Pradesh - [East]	0.57	100.46	101.03	8.58
Uttar Pradesh - [West]	0.54	64.21	64.75	5.50
West Bengal	0.35	57.39	57.74	4.90
Kolkata	0.85	24.35	25.20	2.14
Delhi	3.80	52.60	56.40	4.79
Mumbai	3.09	34.18	37.27	3.16
Total	23.77	1154.04	1177.81	100.00

Source: BSNL/MTNL/COAI

Wireless vs. Wireline

☞ The share of wireless segment in total connections stood at 97.98% by the end of December'21, while the share of wireline telephones was 2.02%.

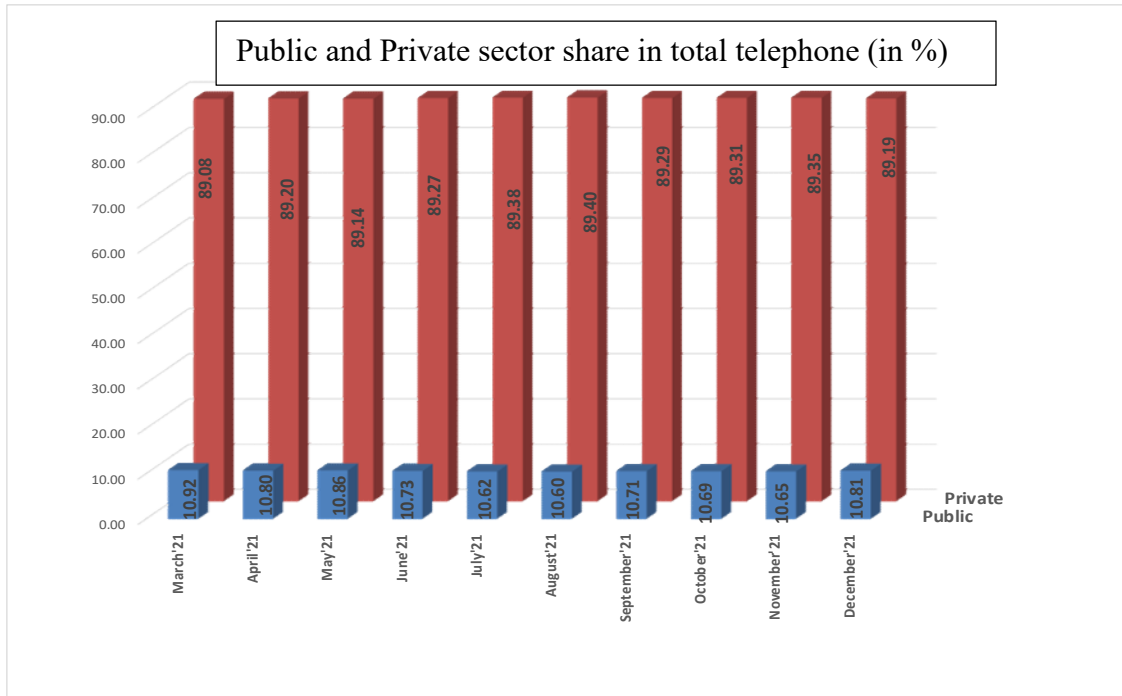


Telephones: Wireline vs Wireless

Month	Telephones (in million)			Additions (in million)	Share(%)		Growth (%)		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
March'21	20.24	1180.64	1200.88	13.15	1.69	98.31	0.26	1.12	1.11
2021-22									
April'21	20.36	1182.99	1203.35	2.48	1.69	98.31	0.60	0.20	0.21
May'21	21.66	1176.77	1198.43	-4.92	1.81	98.19	6.40	-0.53	-0.41
June'21	21.74	1180.78	1202.52	4.09	1.81	98.19	0.33	0.34	0.34
July'21	22.61	1186.79	1209.39	6.88	1.87	98.13	4.00	0.51	0.57
August'21	22.86	1186.67	1209.53	0.14	1.89	98.11	1.12	-0.01	0.01
September'21	23.13	1165.97	1189.10	-20.43	1.95	98.05	1.19	-1.74	-1.69
October'21	23.32	1166.23	1189.55	0.45	1.96	98.04	0.82	0.02	0.04
November'21	23.53	1167.49	1191.03	1.47	1.98	98.02	0.91	0.11	0.12
December'21	23.77	1154.05	1177.82	-13.21	2.02	97.98	1.02	-1.15	-1.11

Public vs. Private

- ☞ In December'21, share of public sector in total telephones was 10.81%, as against 89.19% of the private sector. In November'21, it was 10.65% and 89.35% respectively.



Telephones: Public vs. Private

Month	Telephones (in million)			Additions (in million)		Share(%)		Growth (%)	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
March'21	131.16	1069.72	1200.88	-0.15	13.30	10.92	89.08	-0.11	1.26
2021-22									
April'21	129.93	1073.42	1203.35	-1.23	3.70	10.80	89.20	-0.93	0.35
May'21	130.17	1068.26	1198.43	0.23	-5.16	10.86	89.14	0.18	-0.48
June'21	128.98	1073.53	1202.52	-1.18	5.27	10.73	89.27	-0.91	0.49
July'21	128.45	1080.94	1209.39	-0.53	7.41	10.62	89.38	-0.41	0.69
August'21	128.27	1081.26	1209.53	-0.18	0.32	10.60	89.40	-0.14	0.03
September'21	127.30	1061.80	1189.10	-0.97	-19.47	10.71	89.29	-0.75	-1.80
October'21	127.13	1062.42	1189.55	-0.17	0.62	10.69	89.31	-0.13	0.06
November'21	126.87	1064.16	1191.03	-0.27	1.74	10.65	89.35	-0.21	0.16
December'21	127.38	1050.44	1177.82	0.51	-13.72	10.81	89.19	0.40	-1.29

Rural vs. Urban

- Share of rural areas in total telephones decreased to 44.39% in December'21 against 44.57% in November'21. The share of urban areas, on the other hand, increased to 55.61% in December'21 from 55.43% in November'21.

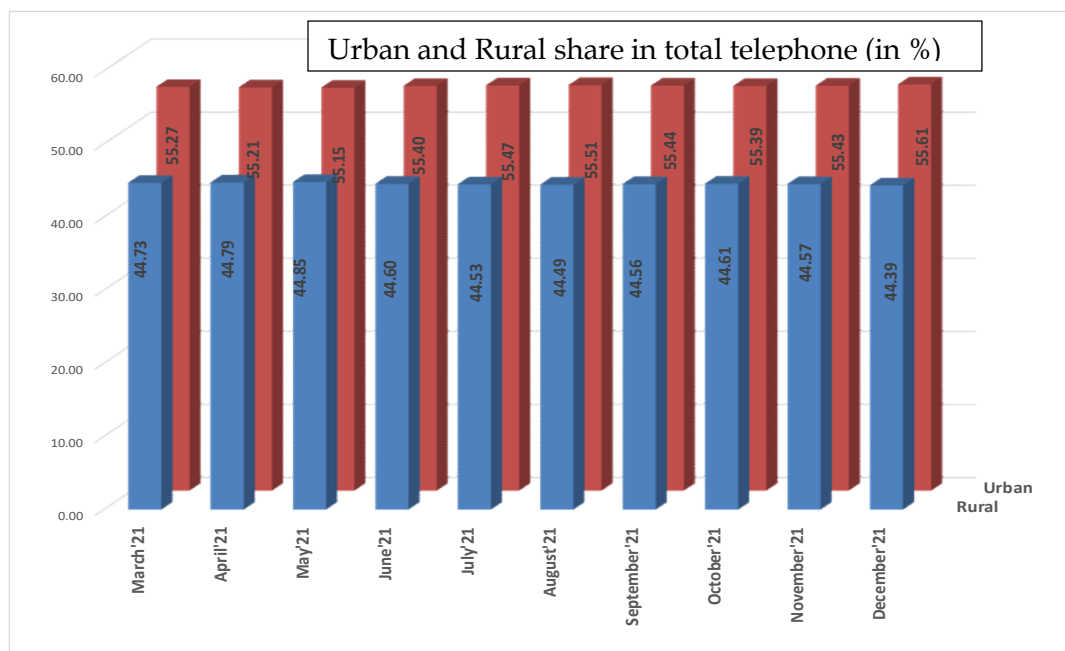


Table: Rural vs. Urban Telephones

Month	Telephones (in million)			Additions (in million)		Share(%)		Growth (%)	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
March'21	537.11	663.76	1200.88	7.24	5.91	44.73	55.27	1.37	0.90
2021-22									
April'21	538.95	664.40	1203.35	1.84	0.64	44.79	55.21	0.34	0.10
May'21	537.49	660.94	1198.43	-1.46	-3.46	44.85	55.15	-0.27	-0.52
June'21	536.32	666.20	1202.52	-1.17	5.26	44.60	55.40	-0.22	0.80
July'21	538.56	670.83	1209.39	2.24	4.63	44.53	55.47	0.42	0.70
August'21	538.13	671.40	1209.53	-0.43	0.57	44.49	55.51	-0.08	0.08
September'21	529.91	659.19	1189.10	-8.22	-12.21	44.56	55.44	-1.53	-1.82
October'21	530.62	658.93	1189.55	0.71	-0.26	44.61	55.39	0.13	-0.04
November'21	530.81	660.22	1191.03	0.18	1.29	44.57	55.43	0.03	0.20
December'21	522.84	654.98	1177.82	-7.97	-5.24	44.39	55.61	-1.50	-0.79

Teledensity

☞ The overall tele-density at the end of December'21 was 85.87% as against 86.89% in November'21. Among the Service areas, Himachal Pradesh (140.89%) had the highest tele-density followed by Kerala (128.01%), Punjab (121.72%), Tamil Nadu (106.35%) and Karnataka (102.41%). Among the three metros, Delhi Service Area topped in tele-density with 269.86%, followed by Kolkata (147.66%) and Mumbai (140.92%).

Table: Service Area wise Teledensity (%)

Service Area	Mar'21	April'21	May'21	June'21	July'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21
ANDHRA PRADESH	99.56	99.43	98.31	98.53	98.55	98.54	97.17	96.84	97.00	95.55
ASSAM	70.86	71.55	71.69	71.75	72.25	72.18	69.62	69.82	69.62	69.15
BIHAR	53.57	53.57	53.38	53.59	53.95	53.81	53.59	53.35	53.54	53.32
GUJARAT	99.18	99.53	99.31	99.68	100.17	99.62	97.61	97.53	97.39	95.65
HARYANA	95.24	95.64	95.49	95.65	96.28	96.37	95.36	95.24	94.70	93.87
HIMACHAL PRADESH	152.50	151.98	151.05	148.00	148.73	149.34	141.67	141.82	142.49	140.89
JAMMU & KASHMIR	89.01	88.44	87.73	88.33	88.41	88.53	86.76	86.50	87.19	87.51
KARNATAKA	105.85	105.46	104.38	104.66	104.59	104.80	103.23	103.04	102.89	102.41
KERALA	129.45	130.56	130.39	130.43	131.38	131.40	127.42	127.64	127.98	128.01
MADHYA PRADESH	68.87	69.09	68.91	69.26	69.79	69.85	69.47	69.83	69.85	68.03
MAHARASHTRA	95.83	95.67	95.34	95.58	96.21	95.85	94.84	95.24	95.34	93.44
NORTH-EAST	81.11	81.58	81.30	81.37	81.27	81.28	78.29	78.41	78.50	77.99
ORISSA	78.46	78.79	78.82	79.49	80.13	79.78	77.19	76.52	76.42	75.85
PUNJAB	125.27	125.67	124.87	125.40	126.05	126.61	122.39	122.83	122.97	121.72
RAJASTHAN	84.14	83.82	83.06	83.07	83.08	82.87	81.86	81.83	81.99	80.01
TAMIL NADU	108.22	108.76	108.06	108.44	108.47	109.01	107.19	106.81	107.08	106.35
UTTAR PRADESH - [East]	68.09	68.43	68.36	68.31	69.17	69.11	68.66	68.77	68.73	67.83
UTTAR PRADESH - [West]										
WEST BENGAL	68.50	69.03	69.12	69.59	70.18	70.21	69.82	69.76	70.13	69.96
KOLKATA	163.86	163.01	160.44	160.29	160.28	159.71	150.94	148.99	148.23	147.66
DELHI	282.01	281.65	278.82	280.29	279.50	278.27	269.76	270.25	269.57	269.86
MUMBAI	158.26	155.75	154.38	155.18	155.62	155.78	146.09	145.84	145.26	140.92
TOTAL	88.15	88.26	87.83	88.07	88.50	88.44	86.89	86.85	86.89	85.87

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.

The teledensity for wireless segment was 84.13% whereas that of wireline segment is 1.73%. Teledensity reported in rural areas was 58.40% and that in the urban areas was 137.48%. In Public sector, teledensity was 9.29% and in Private sector, it was 76.58% for the month of December'21.

Month	Teledensity (%)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
March'21	60.17	141.29	88.15	1.49	86.66	9.63	78.52
2021-22							
April'21	60.37	141.17	88.26	1.49	86.77	9.53	78.73
May'21	60.18	140.22	87.83	1.59	86.24	9.54	78.29
June'21	60.03	141.12	88.07	1.59	86.47	9.45	78.62
July'21	60.26	141.88	88.50	1.65	86.85	9.40	79.10
August'21	60.19	141.79	88.44	1.67	86.77	9.38	79.06
September'21	59.25	139.00	86.89	1.69	85.19	9.30	77.58
October'21	59.31	138.73	86.85	1.70	85.15	9.28	77.57
November'21	59.31	138.79	86.89	1.72	85.18	9.26	77.64
December'21	58.40	137.48	85.87	1.73	84.13	9.29	76.58

Internet

- ☞ The number of Internet subscribers (both broadband and narrowband put together) which was 776.45 million at the end of September'20 increased to 834.29 million by the end of September'21. The number of subscribers accessing internet via wireless phones was 809.82 million at the end of September'21. The number of wired Internet subscribers was 24.47 million at the end of September'21.

Internet Subscribers (In Million)								
	Quarterly Growth (In %)	Total	Broadband	Narrowband	Rural	Urban	Wireline	Wireless
March'20	3.40%	743.19	687.44	55.75	285.97	457.22	22.42	720.77
June'20	0.79%	749.07	698.23	50.84	293.09	455.98	23.05	726.02
September'20	3.66%	776.45	726.32	50.14	302.35	474.11	24.36	752.09
December'20	2.41%	795.18	747.41	47.77	308.17	487.01	25.54	769.64
March'21	3.79%	825.30	778.09	47.21	322.77	502.53	25.99	799.30
June'21	1.02%	833.71	792.78	40.93	336.87	496.84	23.58	810.13
September'21	0.07%	834.29	794.88	39.41	336.60	497.69	24.47	809.82
Source: TRAI								

☞ The number of Broadband subscribers was 801.61 million at the end of November'21 as compared to 798.95 million in October'21, showing an increase of 0.33%.

Broadband Subscribers in India (In millions)				
At the end of	Wired	Total Wireless	Total Subscribers	Growth (%)
January'21	22.67	734.93	757.60	1.36
February'21	22.26	742.84	765.10	0.99
March'21	22.75	755.34	778.09	1.70
April'21	22.42	760.45	782.87	0.61
May'21	22.74	757.53	780.27	-0.33
June'21	23.52	769.26	792.78	1.60
July'21	24.01	784.58	808.59	1.99
August'21	24.29	789.18	813.47	0.60
September'21	24.39	770.50	794.89	-2.28
October'21	24.55	774.40	798.95	0.51
November'21	24.42	777.19	801.61	0.33
