

Monthly Telecom Scenario

March'22

STT Section (ERU)
Department of
Telecommunications
Government of India

Overview

The following table gives a summary of the sector's performance for March'22 vis-à-vis last month (February'22) and March'21:

	Total	Wireline	Wireless	Rural	Urban	Public	Private
Telephones (In million)							
March'21	1200.88	20.24	1180.64	537.11	663.77	131.16	1069.72
February'22	1166.05	24.50	1141.55	518.14	647.91	127.41	1038.64
March'22	1166.84	24.82	1142.02	519.63	647.21	127.10	1039.74
%age Share							
March'21	-	1.69%	98.31%	44.73%	55.27%	10.92%	89.08%
February'22	-	2.10%	97.90%	44.44%	55.56%	10.93%	89.07%
March'22	-	2.13%	97.87%	44.53%	55.47%	10.89%	89.11%
Teledensity							
March'21	88.15	1.49	86.66	60.17	141.29	9.63	78.52
February'22	84.88	1.78	83.10	57.83	135.59	9.27	75.61
March'22	84.87	1.81	83.07	57.98	135.23	9.25	75.63
Increase/ Decrease in Telephones (In million)							
March'22 vis-à-vis March'21	-34.04	4.58	-38.62	-17.48	-16.56	-4.06	-29.98
March'22 vis-à-vis Feb'22	0.79	0.32	0.47	1.49	-0.70	-0.31	1.10

Teledensity: Top five service area		March'22	February'22	March'21
Himachal Pradesh	(%)	138.44	139.04	152.5
Kerala		125.15	125.98	129.45
Punjab		118.57	119.74	125.27
Tamil Nadu		103.69	104.58	108.22
Karnataka		100.1	100.42	105.85
Teledensity: Metros				
Delhi	(%)	267.63	267.09	282.01
Kolkata		143.38	143.8	163.86
Mumbai		139.95	140.21	158.26

Broadband figures for March'22, February'22 & March'21 are 788.30 million, 783.37 million & 778.09 million respectively.

☞ At the end of March'22, the total number of telephones was 1166.84 million, compared to 1166.05 million by the end of February'22, showing an increase of 0.79 million.

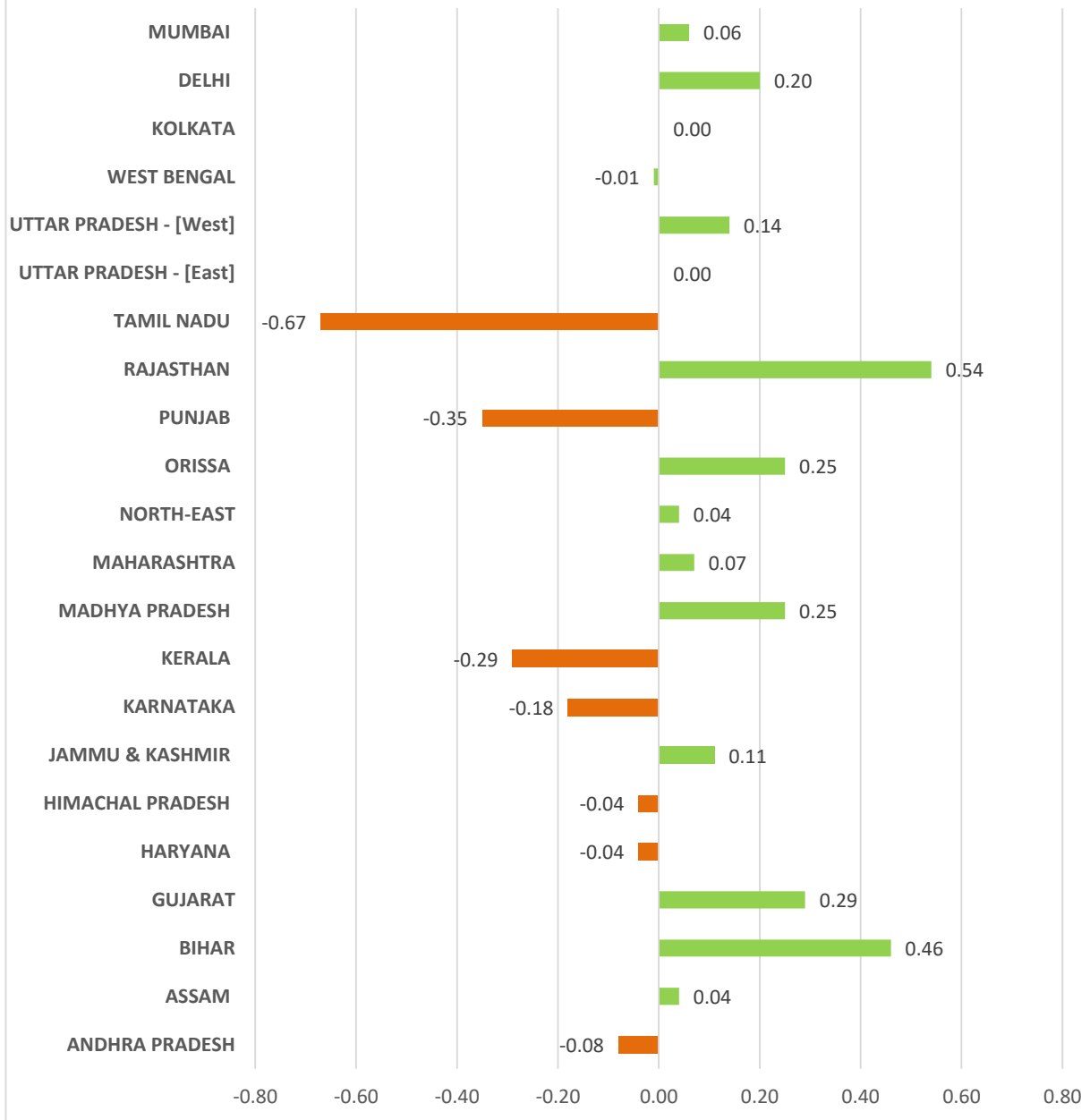


Maximum rise in total telephone connections was recorded in Rajasthan (534440) followed by Bihar (458653) and Gujarat (293662). However, Tamil Nadu, Punjab and Kerala recorded a fall in telephone connections over previous month, with a decrease of 675051, 352478 & 280596 respectively.

Total Telephones : Service Area wise (in million)													
Service Area	March'21	April'21	May'21	June'21	July'21	August'21	September'21	October'21	November'21	December'21	January'22	February'22	March'22
ANDHRA PRADESH	90.14	90.06	89.07	89.30	89.35	89.37	88.16	87.89	88.07	86.78	85.79	85.20	85.12
ASSAM	24.85	25.11	25.18	25.23	25.42	25.41	24.53	24.62	24.57	24.42	24.26	24.21	24.25
BIHAR	86.66	86.76	86.55	86.99	87.68	87.56	87.31	87.03	87.43	87.18	86.41	86.30	86.76
GUJARAT	70.36	70.69	70.61	70.96	71.38	71.07	69.71	69.74	69.71	68.54	68.09	68.07	68.36
HARYANA	28.11	28.26	28.24	28.32	28.53	28.59	28.32	28.31	28.18	27.96	27.55	27.60	27.56
HIMACHAL PRADESH	11.28	11.25	11.18	10.96	11.02	11.07	10.51	10.52	10.58	10.46	10.35	10.33	10.29
JAMMU & KASHMIR	12.21	12.14	12.04	12.14	12.15	12.18	11.94	11.91	12.01	12.07	12.08	12.12	12.23
KARNATAKA	70.79	70.57	69.88	70.11	70.10	70.28	69.26	69.17	69.10	68.82	67.85	67.55	67.37
KERALA	46.04	46.45	46.41	46.44	46.79	46.82	45.41	45.51	45.64	45.67	45.30	44.98	44.69
MADHYA PRADESH	78.59	78.93	78.80	79.29	79.96	80.12	79.76	80.26	80.36	78.34	78.21	77.54	77.79
MAHARASHTRA	96.17	96.02	95.68	95.93	96.55	96.20	95.19	95.59	95.69	93.78	93.76	93.62	93.69
NORTH-EAST	12.55	12.64	12.60	12.62	12.62	12.63	12.17	12.20	12.22	12.15	12.07	12.04	12.08
ORISSA	34.56	34.71	34.73	35.04	35.33	35.18	34.04	33.76	33.73	33.48	33.15	32.87	33.12
PUNJAB	39.54	39.69	39.46	39.64	39.87	40.07	38.76	38.92	38.99	38.61	38.00	38.02	37.67
RAJASTHAN	66.77	66.58	66.03	66.10	66.17	66.06	65.31	65.35	65.54	64.02	63.62	63.34	63.88
TAMIL NADU	84.41	84.85	84.33	84.65	84.70	85.14	83.75	83.47	83.71	83.16	82.38	81.82	81.15
UTTAR PRADESH - [East]	101.17	101.77	101.75	101.88	103.23	103.00	102.40	102.66	102.37	101.03	100.65	101.16	101.16
UTTAR PRADESH - [West]	63.96	64.32	64.31	64.22	65.10	65.33	64.97	65.13	65.46	64.75	64.65	64.55	64.69
WEST BENGAL	56.55	56.99	57.05	57.44	57.93	57.96	57.63	57.58	57.88	57.75	56.94	56.76	56.75
KOLKATA	27.35	27.28	26.91	26.96	27.02	27.00	25.58	25.31	25.24	25.21	24.88	24.67	24.67
DELHI	58.10	58.12	57.63	58.02	57.95	57.79	56.11	56.30	56.25	56.40	56.07	56.00	56.20
MUMBAI	40.71	40.19	39.96	40.29	40.53	40.69	38.28	38.33	38.30	37.26	37.34	37.30	37.36
TOTAL	1200.88	1203.35	1198.43	1202.52	1209.39	1209.53	1189.10	1189.55	1191.03	1177.82	1169.39	1166.05	1166.84

Source: TSPs

Growth from February 2022 to March 2022 (in millions)





Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.67%) followed by Maharashtra (8.03%), Bihar (7.44%), Andhra Pradesh (7.29%) and Tamil Nadu (6.95%). These five Service areas taken together accounted for 38.38% of total telephone connections in India.

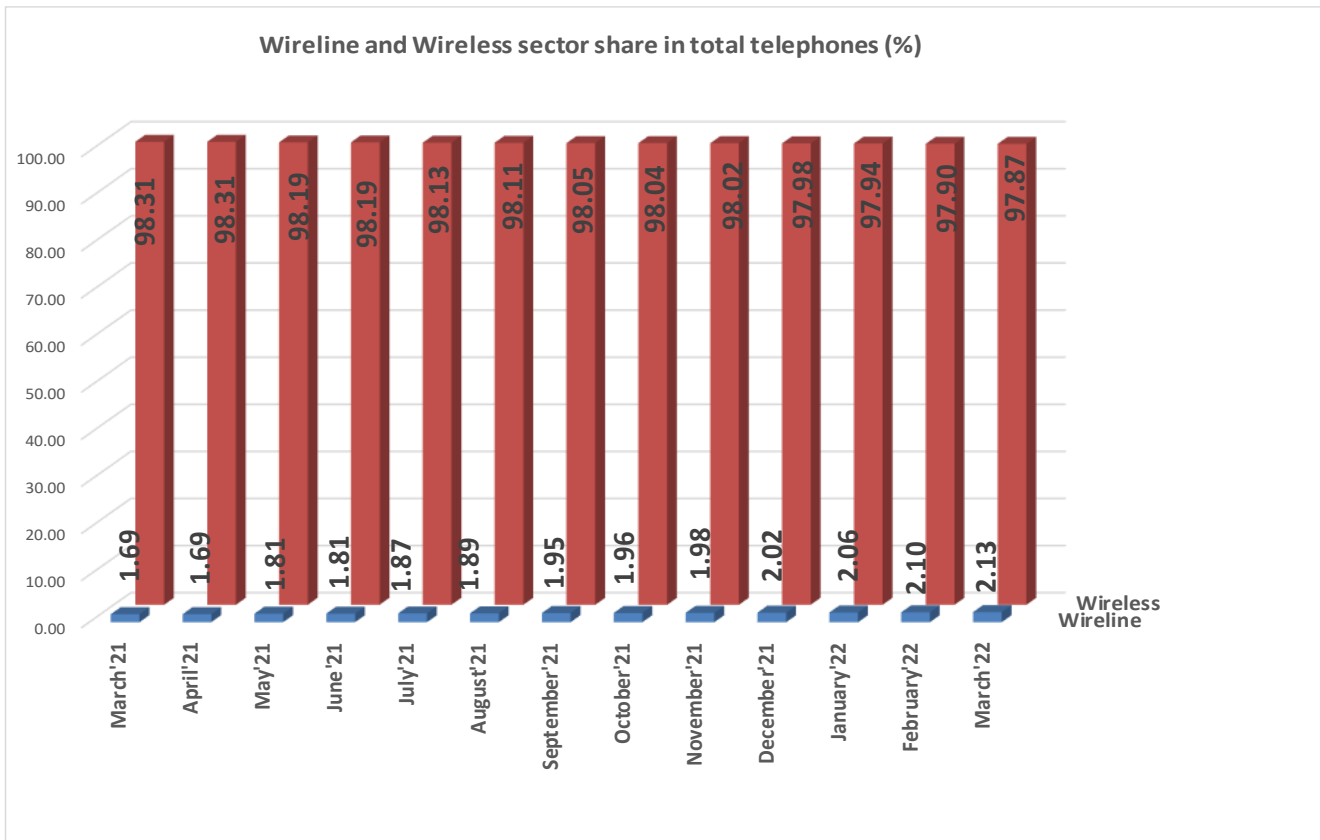
(in million)

Telephones during the month of March'22				
Service Area	Wireline	Wireless	Total Phones	Share (%) of
ANDHRA PRADESH	1.99	83.12	85.11	7.29
ASSAM	0.21	24.05	24.26	2.08
BIHAR	0.44	86.32	86.76	7.44
GUJARAT	1.06	67.30	68.36	5.86
HARYANA	0.34	27.22	27.56	2.36
HIMACHAL PRADESH	0.12	10.17	10.29	0.88
JAMMU & KASHMIR	0.28	11.95	12.23	1.05
KARNATAKA	2.70	64.67	67.37	5.77
KERALA	1.32	43.37	44.69	3.83
MADHYA PRADESH	1.04	76.76	77.80	6.67
MAHARASHTRA	1.39	92.30	93.69	8.03
NORTH-EAST	0.16	11.92	12.08	1.04
ORISSA	0.59	32.53	33.12	2.84
PUNJAB	0.68	36.99	37.67	3.23
RAJASTHAN	0.69	63.19	63.88	5.47
TAMIL NADU	2.35	78.80	81.15	6.95
UTTAR PRADESH - [East]	0.55	100.61	101.16	8.67
UTTAR PRADESH - [West]	0.60	64.09	64.69	5.54
WEST BENGAL	0.38	56.37	56.75	4.86
KOLKATA	0.90	23.77	24.67	2.11
DELHI	3.93	52.27	56.20	4.82
MUMBAI	3.09	34.27	37.36	3.20
TOTAL	24.82	1142.02	1166.84	100.00

Source: TSPs

Wireless vs. Wireline

👉 The share of wireless segment in total connections stood at 97.87% by the end of March'22, while the share of wireline telephones was 2.13%.

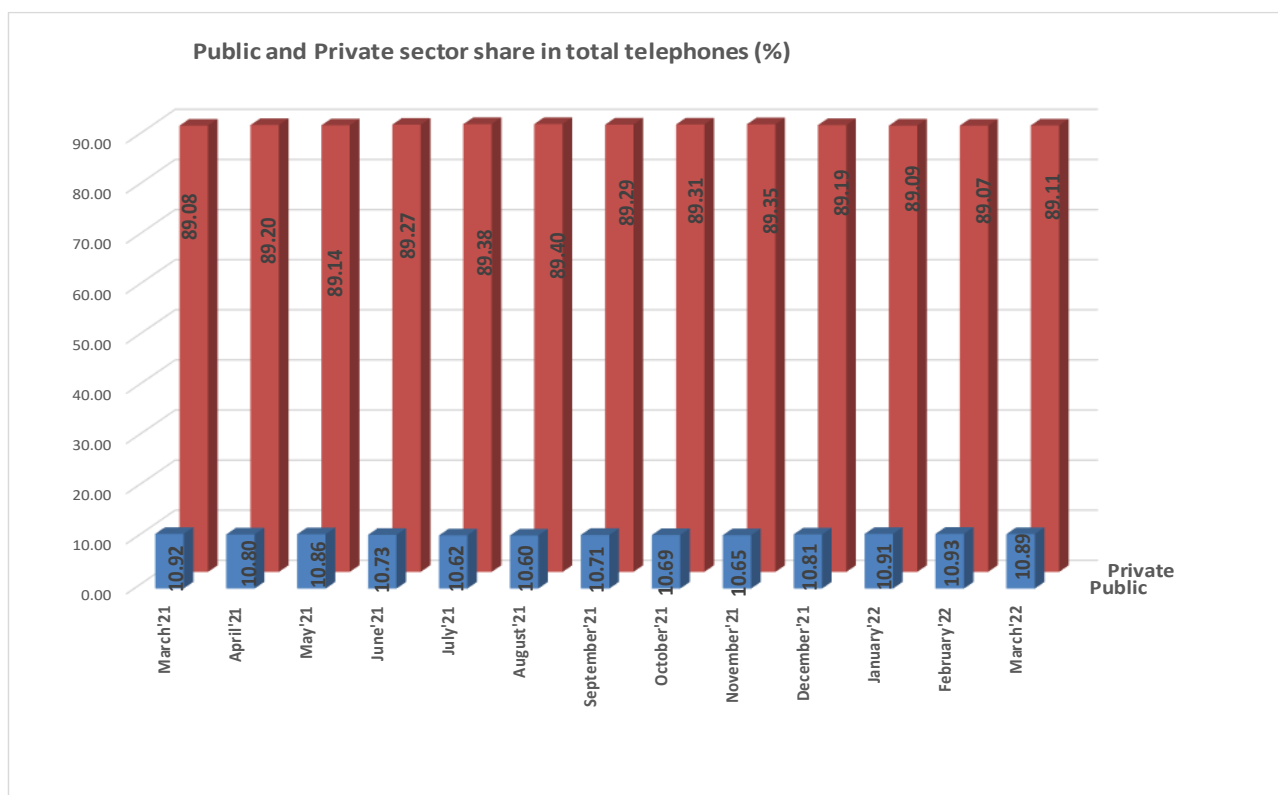


Telephones: Wireline vs Wireless

Month	Telephones			Additions	Share(%)		Growth (%) over previous month		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
March'21	20239669	1180637882	1200877551	13146629	1.69	98.31	0.26	1.12	1.11
2021-22									
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
October'21	23321841	1166229707	1189551548	452493	1.96	98.04	0.82	0.02	0.04
November'21	23533218	1167493166	1191026384	1474836	1.98	98.02	0.91	0.11	0.12
December'21	23773751	1154046584	1177820335	-13206049	2.02	97.98	1.02	-1.15	-1.11
January'22	24130329	1145264178	1169394507	-8425828	2.06	97.94	1.50	-0.76	-0.72
February'22	24504011	1141549513	1166053524	-3340983	2.10	97.90	1.55	-0.32	-0.29
March'22	24824563	1142017004	1166841567	788043	2.13	97.87	1.31	0.04	0.07

Public vs. Private

- In March'22, share of public sector in total telephones was 10.89%, as against 89.11% of the private sector. In February'22, it was 10.93% and 89.07% respectively.

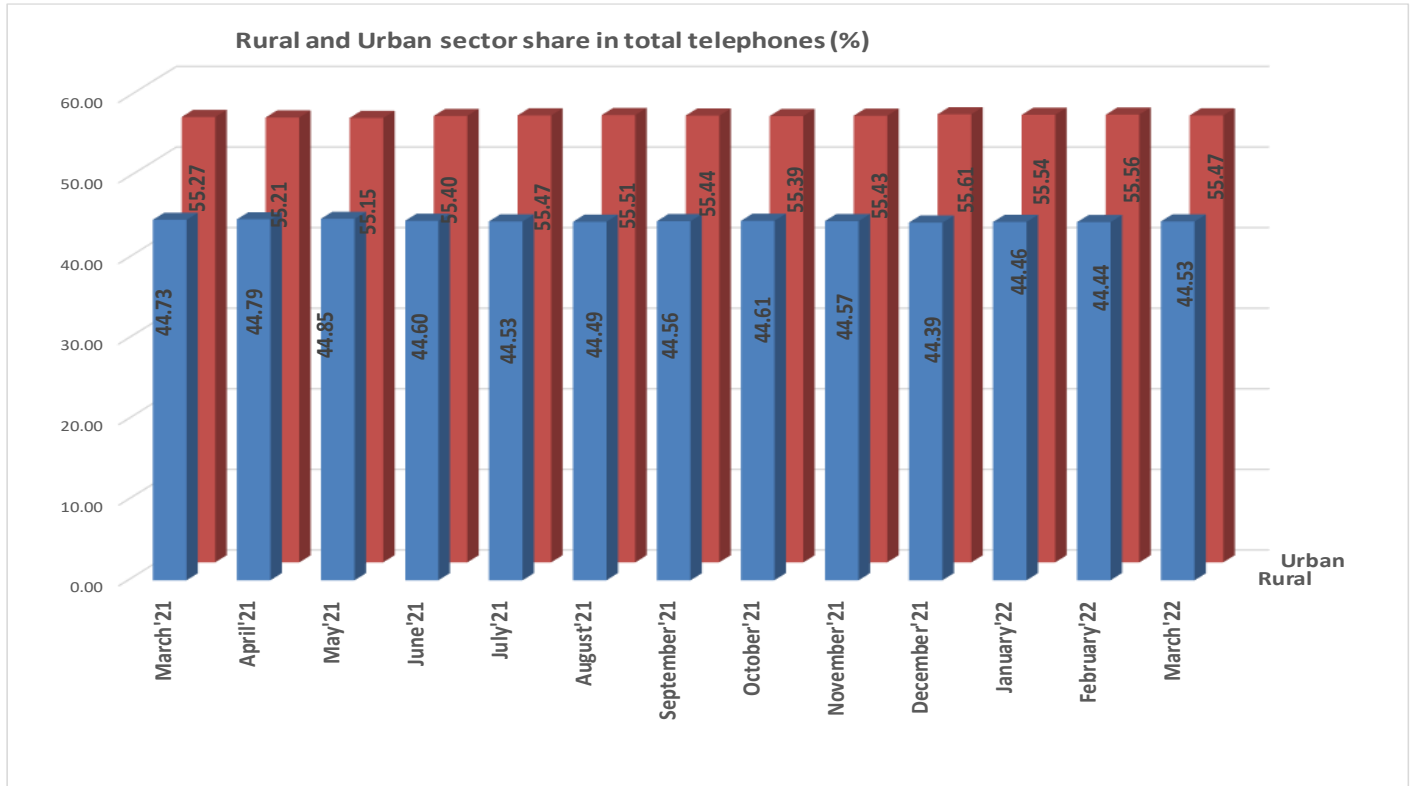


Telephones: Public vs. Private

Month	Telephones			Additions		Share(%)		Growth (%) over previous month	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
March'21	131159277	1069718274	1200877551	-150901	13297530	10.92	89.08	-0.11	1.26
2021-22									
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
October'21	127134710	1062416838	1189551548	-168158	620651	10.69	89.31	-0.13	0.06
November'21	126866025	1064160359	1191026384	-268685	1743521	10.65	89.35	-0.21	0.16
December'21	127377186	1050443149	1177820335	511161	-13717210	10.81	89.19	0.40	-1.29
January'22	127533947	1041860560	1169394507	156761	-8582589	10.91	89.09	0.12	-0.82
February'22	127414811	1038638713	1166053524	-119136	-3221847	10.93	89.07	-0.09	-0.31
March'22	127101205	1039740362	1166841567	-313606	1101649	10.89	89.11	-0.25	0.11

Rural vs. Urban

☞ Share of rural areas in total telephones increased to 44.53% in March'22 against 44.44% of February'22. The share of urban areas, on the other hand, decreased to 55.47% in March'22 from 55.56% in February'22.



Telephones: Rural vs. Urban

Month	Telephones			Additions		Share(%)		Growth (%) over previous month	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
March'21	537113804	663763747	1200877551	7237360	5909269	44.73	55.27	1.37	0.90
2021-22									
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
September'21	529912302	659186753	1189099055	-8219215	-12212198	44.56	55.44	-1.53	-1.82
October'21	530623954	658927594	1189551548	711652	-259159	44.61	55.39	0.13	-0.04
November'21	530807352	660219032	1191026384	183398	1291438	44.57	55.43	0.03	0.20
December'21	522840063	654980272	1177820335	-7967289	-5238760	44.39	55.61	-1.50	-0.79
January'22	519911308	649483199	1169394507	-2928755	-5497073	44.46	55.54	-0.56	-0.84
February'22	518137254	647916270	1166053524	-1774054	-1566929	44.44	55.56	-0.34	-0.24
March'22	519631221	647210346	1166841567	1493967	-705924	44.53	55.47	0.29	-0.11

Teledensity

☞ The overall tele-density at the end of March'22 stood at 84.87% as against 84.88% in February'22. Among the Service areas, Himachal Pradesh (138.44%) had the highest tele-density followed by Kerala (125.15%), Punjab (118.57%), Tamil Nadu (103.69%) and Karnataka (100.10%). Among the three metros, Delhi Service Area topped in tele-density with 267.63%, followed by Kolkata (143.38%) and Mumbai (139.95%).

Teledensity : Service Area wise (%)													
Service Area	March'21	April'21	May'21	June'21	July'21	August'21	September'21	October'21	November'21	December'21	January'22	February'22	March'22
ANDHRA PRADESH	99.56	99.43	98.31	98.53	98.55	98.54	97.17	96.84	97.00	95.55	94.44	93.75	93.63
ASSAM	70.86	71.55	71.69	71.75	72.25	72.18	69.62	69.82	69.62	69.15	68.62	68.43	68.50
BIHAR	53.57	53.57	53.38	53.59	53.95	53.81	53.59	53.35	53.54	53.32	52.79	52.66	52.87
GUJARAT	99.18	99.53	99.31	99.68	100.17	99.62	97.61	97.53	97.39	95.65	94.91	94.78	95.08
HARYANA	95.24	95.64	95.49	95.65	96.28	96.37	95.36	95.24	94.70	93.87	92.40	92.48	92.24
HIMACHAL PRADESH	152.50	151.98	151.05	148.00	148.73	149.34	141.67	141.82	142.49	140.89	139.32	139.04	138.44
JAMMU & KASHMIR	89.01	88.44	87.73	88.33	88.41	88.53	86.76	86.50	87.19	87.51	87.58	87.80	88.55
KARNATAKA	105.85	105.46	104.38	104.66	104.59	104.80	103.23	103.04	102.89	102.41	100.92	100.42	100.10
KERALA	129.45	130.56	130.39	130.43	131.38	131.40	127.42	127.64	127.98	128.01	126.92	125.98	125.15
MADHYA PRADESH	68.87	69.09	68.91	69.26	69.79	69.85	69.47	69.83	69.85	68.03	67.85	67.20	67.35
MAHARASHTRA	95.83	95.67	95.34	95.58	96.21	95.85	94.84	95.24	95.34	93.44	93.41	93.28	93.35
NORTH-EAST	81.11	81.58	81.30	81.37	81.27	81.28	78.29	78.41	78.50	77.99	77.37	77.13	77.35
ORISSA	78.46	78.79	78.82	79.49	80.13	79.78	77.19	76.52	76.42	75.85	75.09	74.42	74.99
PUNJAB	125.27	125.67	124.87	125.40	126.05	126.61	122.39	122.83	122.97	121.72	119.75	119.74	118.57
RAJASTHAN	84.14	83.82	83.06	83.07	83.08	82.87	81.86	81.83	81.99	80.01	79.44	79.02	79.62
TAMIL NADU	108.22	108.76	108.06	108.44	108.47	109.01	107.19	106.81	107.08	106.35	105.32	104.58	103.69
UTTAR PRADESH - [East]	68.09	68.43	68.36	68.31	69.17	69.11	68.66	68.77	68.73	67.83	67.58	67.69	67.69
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	68.99	68.78	68.77
KOLKATA	163.86	163.01	160.44	160.29	160.28	159.71	150.94	148.99	148.23	147.66	145.36	143.80	143.38
DELHI	282.01	281.65	278.82	280.29	279.50	278.27	269.76	270.25	269.57	269.86	267.89	267.09	267.63
MUMBAI	158.26	155.75	154.38	155.18	155.62	155.78	146.09	145.84	145.26	140.92	140.79	140.21	139.95
TOTAL	88.15	88.26	87.83	88.07	88.50	88.44	86.89	86.85	86.89	85.87	85.19	84.88	84.87

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 83.07% whereas that of wireline segment is 1.81%. Teledensity reported in rural areas was 57.98% and that in the urban areas was 135.23%. In Public sector, teledensity was 9.25% and in Private sector, it was 75.63% for the month of March'22.

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
January'22	58.05	136.12	85.19	1.76	83.43	9.29	75.90
February'22	57.83	135.59	84.88	1.78	83.10	9.27	75.61
March'22	57.98	135.23	84.87	1.81	83.07	9.25	75.63

Internet

The number of Internet subscribers (both broadband and narrowband put together) which was 834.29 million at the end of September'21 decreased to 829.30 million by the end of December'21. The number of subscribers accessing internet via wireless phones was 802.72 million at the end of December'21. The number of wired Internet subscribers was 26.58 million at the end of December'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
December'21	-0.60%	829.30	792.09	37.21	333.10	496.20	26.58	802.72

Source: TRAI

☞ The number of Broadband subscribers was 788.30 million at the end of March'22 as compared to 783.37 million in February'22, showing an increase of 0.63%.

Broadband Subscribers in India (In millions)				
At the end of	Wired	Total Wireless	Total Subscribers	Growth (%)
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
December'21	26.43	765.65	792.08	-1.19
January'22	26.65	756.78	783.43	-1.09
February'22	26.63	756.74	783.37	-0.01
March'22	27.25	761.05	788.30	0.63
