

**No. 18-01/2018-STT(T) Pt.
Government of India
Ministry of Communication
DEPARTMENT OF TELECOM
(STT - Section)**

Dated: June 21, 2019

Subject: - Monthly Telecom Scenario as on 31st March'19.

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to March'19.



**(Basant Kumar)
Director (ERU-STT)**

Telephone No.: 23218848

Secretary-DOT

Additional Secretary (T)

Member (F)

Member (S)

Member (T)

Adviser (F)

Adviser (T)

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Senior Economic Adviser
Economic Adviser

Monthly Telecom Scenario

March'19



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	March'19	February'19
Total Phones		1183.41	1205.38
Wireline	million	21.70	21.72
Wireless		1161.71	1183.67
Rural		514.27	526.43
Urban		669.14	678.95
Public		133.51	134.22
Private		1049.90	1071.16
Wireline %age to Total Phones		%age	1.83
Wireless %age to Total Phones	98.17		98.20
Rural %age to Total Phones	43.46		43.67
Urban %age to Total Phones	56.54		56.33
Public %age to Total Phones	11.28		11.14
Private %age to Total Phones	88.72		88.86
Overall Teledensity		90.10	91.86
Wireline Teledensity	%age	1.65	1.65
Wireless Teledensity		88.45	90.20
Rural Teledensity		57.50	58.90
Urban Teledensity		159.66	162.25
Public		10.16	10.23
Private		79.94	81.63
Teledensity: Top five Circles			
Himachal Pradesh	%age	146.37	147.46
Kerala		126.15	126.03
Punjab		125.35	125.83
Tamil Nadu		116.94	116.67
Karnataka		110.04	111.04
Teledensity: Metros			
Delhi	%age	238.57	238.02
Mumbai		165.62	165.21
Kolkata		165.51	171.22
Broadband	million	563.31	550.24



At the end of March'19, the total number of telephones was 1183.41 million, compared to 1205.38 million by the end of February'19, showing a decline of 21.97 million. Maximum rise in total telephone connections was recorded in Assam (550120) followed by Uttar Pradesh - [West] (405305) and Delhi (260578). However, Bihar, Uttar Pradesh - [East] and Madhya Pradesh recorded a fall in telephone connections over previous month, with a decrease of 4026614, 3732290 & 2673983 respectively.

Telephones: Service area-wise (2018-19)

Service Area	April'18	May'18	June'18	July'18	August'18	September'18	October'18	November'18	December'18	January'19	February'19	March'19
ANDHRA PRADESH	87972697	86041407	87132426	87447489	88039871	87893349	88190844	88258159	88643813	89289165	89445935	88170245
ASSAM	25946488	20735274	21167817	21533213	21693336	21743191	21792126	21825710	21863058	22329081	22530591	23080711
BIHAR	89782944	83006614	84856104	86757474	87783481	87767392	87695035	87807793	88320985	88839280	89335356	85308742
GUJARAT	73254343	72021557	72044369	71582535	71852115	71525637	71237826	71596576	71872209	72266176	72346183	70534207
HARYANA	26891430	26967918	27419180	27761277	28022120	27826181	27751096	27819701	27961623	28137960	28123718	27990960
HIMACHAL PRADESH	9914485	10038773	10209877	10377745	10465805	10498584	10526718	10571383	10619436	10668870	10704225	10630749
JAMMU & KASHMIR	14241662	10890338	11163003	11547024	11374579	11436226	11515318	11560789	11611239	11641099	11632242	11437233
KARNATAKA	69914000	67903992	68878202	69925268	70381285	70519039	70703377	70721670	70791006	70988285	70991773	70398285
KERALA	44346323	44340211	44945671	44974167	45185874	45282718	45356819	45392517	45556320	45735506	45780247	45840356
MADHYA PRADESH	72568344	73128238	74595496	75958226	76919477	77537006	91952064	77599279	77829904	78271677	78392097	75718114
MAHARASHTRA	96505211	95142369	95877056	96056771	96509279	96101098	81481055	95902810	96489235	97007419	97169464	94548392
NORTH-EAST	14516831	11461081	11685884	11875670	11973597	11883974	11902920	11977678	11869179	12190704	12266704	12115134
ORISSA	35151325	31688695	32217720	33145196	33417343	33374266	33310487	33335445	33372711	33530548	33757151	32930410
PUNJAB	39299898	38811481	39322840	39884712	40027400	39908346	40040440	40110353	40112092	40155652	40133981	40014807
RAJASTHAN	66706229	61603897	62591756	63605758	64150970	66436702	66410322	66637945	66937183	67323197	67380672	64774956
TAMIL NADU	100432426	82100944	83511141	83249996	83826747	84427883	84611490	84802996	84943307	84627251	84246503	84480470
UTTAR PRADESH - [East]	105889423	100258186	101752705	101691377	102499940	102407609	107086956	102005557	102240828	102877576	103182289	99449999
UTTAR PRADESH - [West]	64638595	64333647	63893659	64934694	65140662	64854354	59754293	64830263	65061895	65009188	64482247	64887552
WEST BENGAL	60267730	56556782	57665459	58835060	58899028	58695870	58628528	58685272	59096659	59424039	59623743	57719640
KOLKATA	30322376	26468509	26888086	27177176	27449773	27572300	27658584	27707556	27791102	27994631	27958246	27047850
DELHI	58314198	52136504	52807164	53153069	53654906	53799999	54194146	54261547	54333749	54902900	55133846	55394424
MUMBAI	39988041	37900004	38382354	37964098	39899952	40123217	40329787	40374140	40572528	40701434	40764755	40934182
TOTAL	1226864999	1153536421	1169007969	1179437995	1189167540	1191614941	1192130231	1193785139	1197890061	1203911638	1205381968	1183407418

1 Source: BSNL/MTNL/COAI



Service area-wise analysis reveals that Uttar Pradesh - [East] had the highest share in the total telephones (8.40%) followed by Maharashtra (7.99%), Andhra Pradesh (7.45%), Bihar (7.21%) and Tamil Nadu (7.14%). These five Service areas taken together accounted for 38.19% of total telephone connections in India.

Telephones during the month of March'19				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1439862	86730383	88170245	7.45
ASSAM	114368	22966343	23080711	1.95
BIHAR	228858	85079884	85308742	7.21
GUJARAT	1235348	69298859	70534207	5.96
HARYANA	270200	27720760	27990960	2.37
HIMACHAL PRADESH	114722	10516027	10630749	0.90
JAMMU & KASHMIR	102447	11334786	11437233	0.97
KARNATAKA	2154582	68243703	70398285	5.95
KERALA	1884036	43956320	45840356	3.87
MADHYA PRADESH	920038	74798076	75718114	6.40
MAHARASHTRA	1523328	93025064	94548392	7.99
NORTH-EAST	104151	12010983	12115134	1.02
ORISSA	236041	32694369	32930410	2.78
PUNJAB	773626	39241181	40014807	3.38
RAJASTHAN	536405	64238551	64774956	5.47
TAMIL NADU	2191640	82288830	84480470	7.14
UTTAR PRADESH - [East]	450210	98999789	99449999	8.40
UTTAR PRADESH - [West]	301859	64585693	64887552	5.48
WEST BENGAL	226595	57493045	57719640	4.88
KOLKATA	710482	26337368	27047850	2.29
DELHI	3256551	52137873	55394424	4.68
MUMBAI	2920597	38013585	40934182	3.46
TOTAL	21695946	1161711472	1183407418	100.00

1 Source: BSNL/MTNL/COAI



The overall tele-density at the end of March'19 stood at 90.10%. Among the Service areas, Himachal Pradesh (146.37%) had the highest tele-density followed by Kerala (126.15%), Punjab (125.35%), Tamil Nadu (116.94%) and Karnataka (110.04%). Among the three metros, Delhi Service Area topped in tele-density with 238.57%, followed by Mumbai (165.62%) and Kolkata (165.51%).

Tele-density: Service area-wise (2018-19)

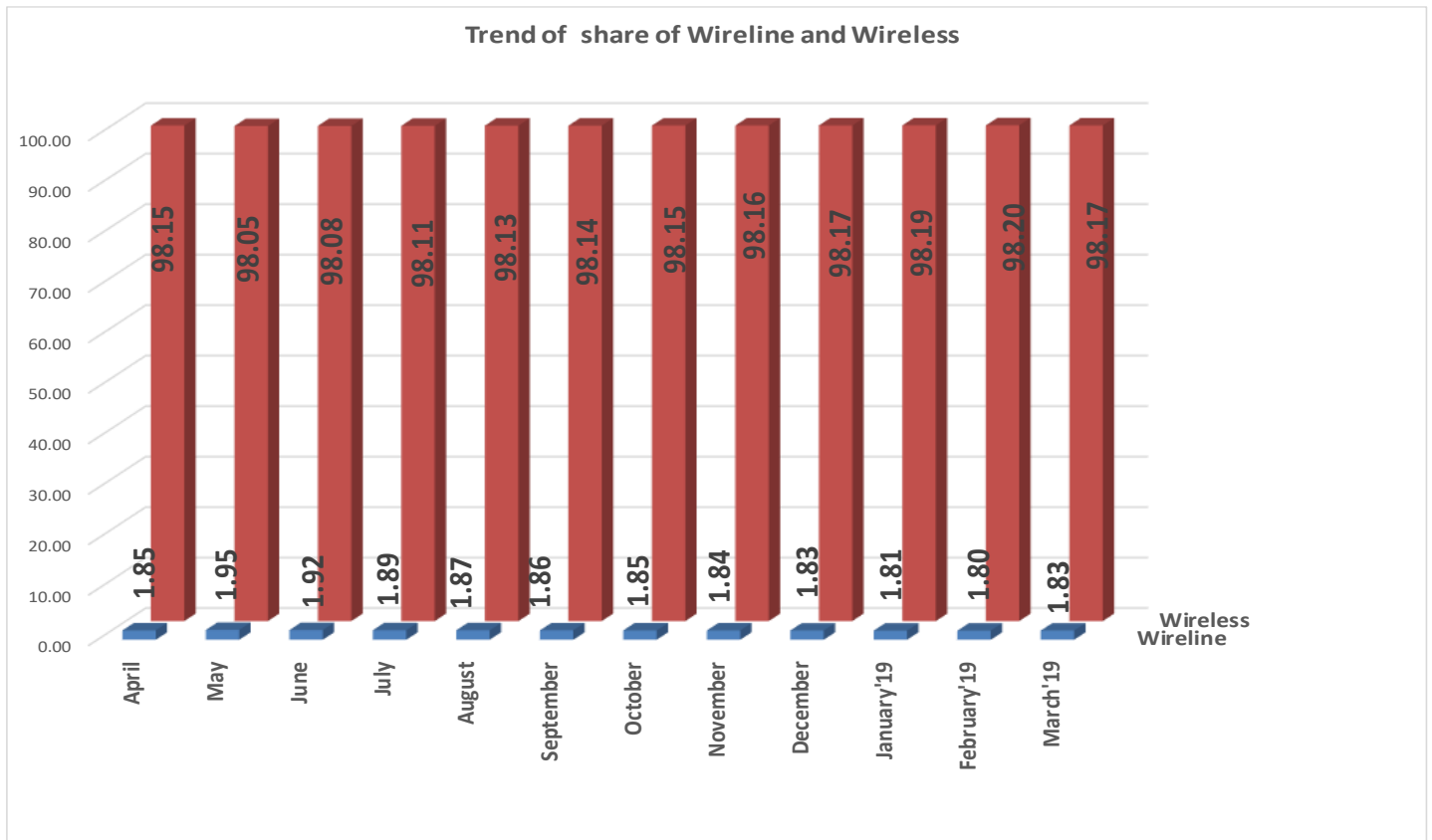
(in %age)

Service Area	April'18	May'18	June'18	July'18	August'18	September'18	October'18	November'18	December'18	January'19	February'19	March'19
ANDHRA PRADESH	97.97	95.76	96.92	97.21	97.81	97.59	97.86	97.88	98.25	98.91	99.02	97.55
ASSAM	78.10	62.35	63.60	64.64	65.07	65.16	65.25	65.29	65.34	66.68	67.22	68.81
BIHAR	63.71	58.85	60.11	61.40	62.07	62.00	61.90	61.92	62.23	62.54	62.83	59.95
GUJARAT	112.44	110.45	110.39	109.58	109.89	109.30	108.76	109.21	109.53	110.04	110.06	107.21
HARYANA	94.97	95.13	96.62	97.71	98.52	97.72	97.36	97.49	97.88	98.38	98.23	97.66
HIMACHAL PRADESH	137.41	139.06	141.33	143.58	144.70	145.07	145.38	145.89	146.47	147.06	147.46	146.37
JAMMU & KASHMIR	112.28	85.79	87.88	90.83	89.40	89.82	90.37	90.67	90.99	91.16	91.02	89.43
KARNATAKA	110.07	106.83	108.30	109.87	110.51	110.66	110.87	110.83	110.87	111.10	111.04	110.04
KERALA	122.59	122.52	124.14	124.17	124.70	124.92	125.07	125.12	125.52	125.96	126.03	126.15
MADHYA PRADESH	67.98	68.43	69.73	70.93	71.75	72.25	85.59	72.16	72.29	72.63	72.66	70.11
MAHARASHTRA	95.59	94.16	94.82	94.92	95.29	94.81	80.32	94.46	94.96	95.40	95.48	92.83
NORTH-EAST	101.77	80.28	81.79	83.05	83.66	82.97	83.03	83.49	82.66	84.83	85.29	84.17
ORISSA	81.40	73.33	74.51	76.61	77.19	77.04	76.85	76.86	76.90	77.22	77.69	75.74
PUNJAB	124.28	122.63	124.14	125.80	126.15	125.66	125.97	126.08	125.98	126.00	125.83	125.35
RAJASTHAN	88.89	82.01	83.23	84.50	85.13	88.07	87.95	88.15	88.46	88.88	88.86	85.34
TAMIL NADU	139.67	114.13	116.04	115.63	116.38	117.16	117.37	117.59	117.73	117.24	116.67	116.94
UTTAR PRADESH - [East]												
UTTAR PRADESH - [West]	72.17	69.57	69.93	70.26	70.60	70.36	70.10	70.01	70.12	70.28	70.11	68.63
WEST BENGAL	75.07	70.40	71.74	73.14	73.18	72.88	72.75	72.77	73.23	73.59	73.79	71.39
KOLKATA	187.23	163.31	165.76	167.40	168.94	169.55	169.95	170.10	170.48	171.59	171.22	165.51
DELHI	257.69	229.85	232.25	233.23	234.88	234.97	236.14	235.88	235.65	237.56	238.02	238.57
MUMBAI	164.72	155.86	157.58	155.62	163.28	163.93	164.50	164.42	164.96	165.22	165.21	165.62
TOTAL	94.34	88.62	89.73	90.45	91.11	91.22	91.18	91.22	91.45	91.83	91.86	90.10

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.

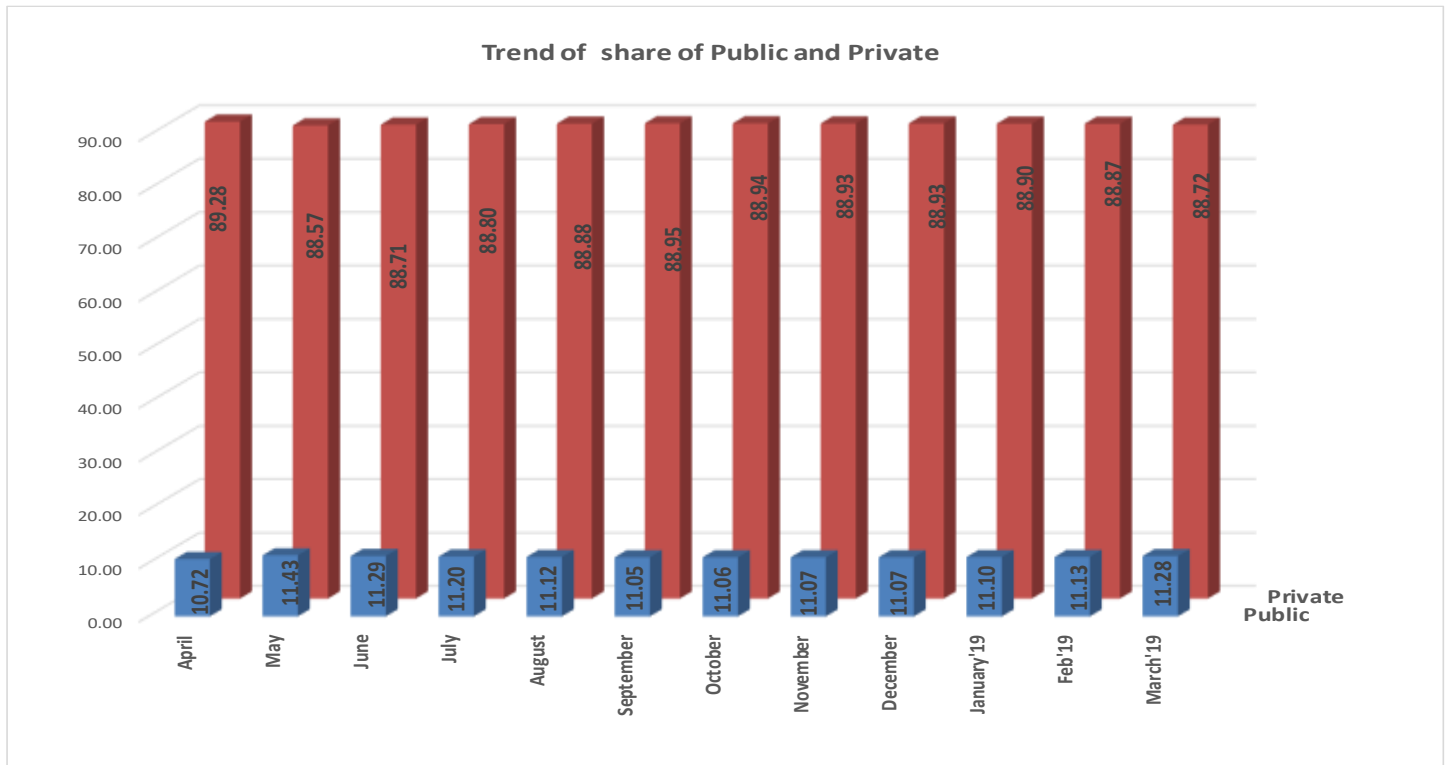
☞ The share of wireless segment in total connections stood at 98.17% by the end of March'19, while the share of wireline telephones was 1.83%.



Telephones: Wireline vs Wireless (2018-19)

Month	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
April	22641689	1204223310	1226864999	15068532	1.85	98.15	-0.74	1.28	1.24
May	22508336	1131028085	1153536421	-73328578	1.95	98.05	-0.59	-6.08	-5.98
June	22395303	1146612666	1169007969	15471548	1.92	98.08	-0.50	1.38	1.34
July	22272252	1157165743	1179437995	10430026	1.89	98.11	-0.55	0.92	0.89
August	22187370	1166980170	1189167540	9729545	1.87	98.13	-0.38	0.85	0.82
September	22112755	1169502186	1191614941	2447401	1.86	98.14	-0.34	0.22	0.21
October	22023494	1170106737	1192130231	515290	1.85	98.15	-0.40	0.05	0.04
November	21961248	1171823891	1193785139	1654908	1.84	98.16	-0.28	0.15	0.14
December	21868192	1176021869	1197890061	4104922	1.83	98.17	-0.42	0.36	0.34
January'19	21793568	1182118070	1203911638	6021577	1.81	98.19	-0.34	0.52	0.50
February'19	21716258	1183665710	1205381968	1470330	1.80	98.20	-0.35	0.13	0.12
March'19	21695946	1161711472	1183407418	-21974550	1.83	98.17	-0.09	-1.85	-1.82

☞ In March'19, share of public sector in total telephones was 11.28%, as against 88.72% of the private sector. In February'19, it was 11.13% and 88.87% respectively.

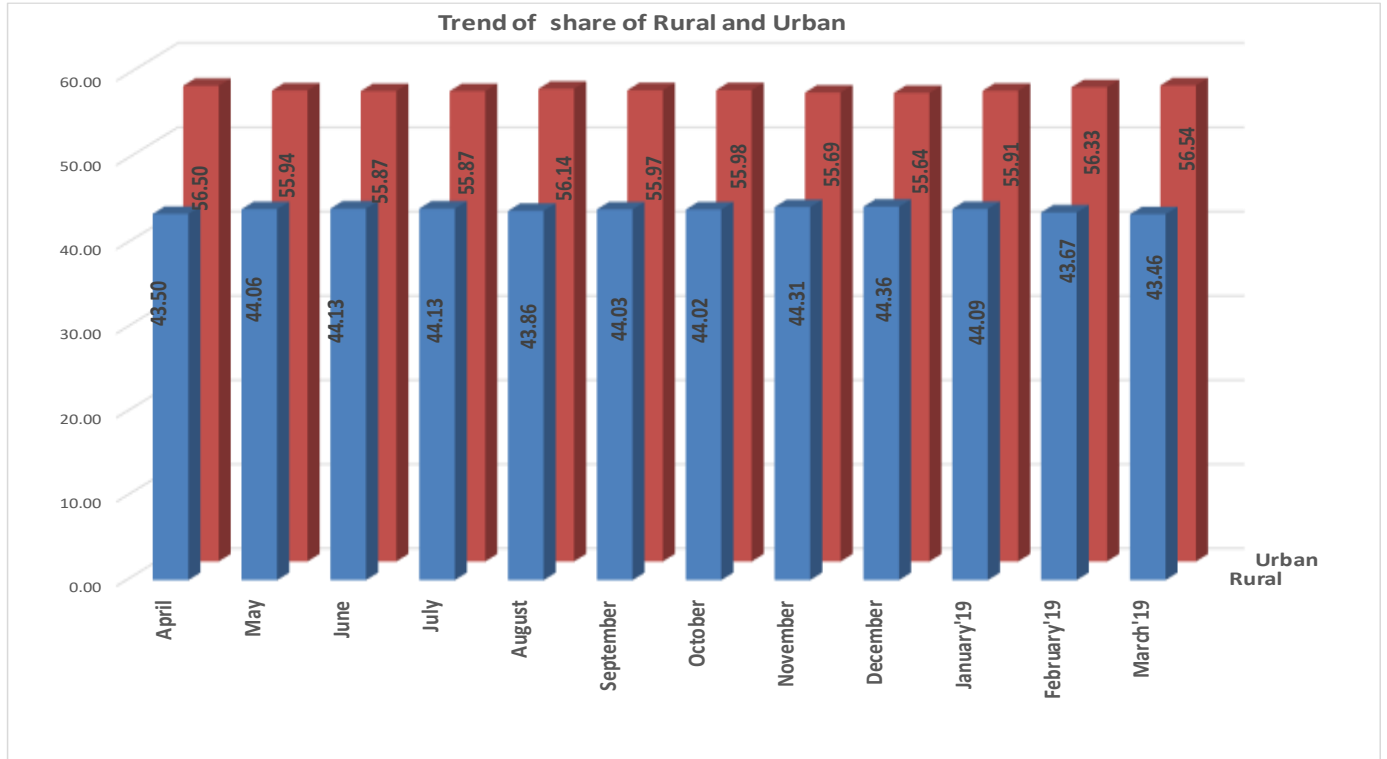


Telephones: Public vs. Private (2018-19)

Month	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
April	131495571	1095369428	1226864999	-159691	15228223	10.72	89.28	-0.12	1.41
May	131853133	1021683288	1153536421	357562	-73686140	11.43	88.57	0.27	-6.73
June	131962915	1037045054	1169007969	109782	15361766	11.29	88.71	0.08	1.50
July	132071285	1047366710	1179437995	108370	10321656	11.20	88.80	0.08	1.00
August	132181397	1056986143	1189167540	110112	9619433	11.12	88.88	0.08	0.92
September	131681745	1059933196	1191614941	-499652	2947053	11.05	88.95	-0.38	0.28
October	131846541	1060283690	1192130231	164796	350494	11.06	88.94	0.13	0.03
November	132137473	1061647666	1193785139	290932	1363976	11.07	88.93	0.22	0.13
December	132575567	1065314494	1197890061	438094	3666828	11.07	88.93	0.33	0.35
January'19	133581923	1070329715	1203911638	1006356	5015221	11.10	88.90	0.76	0.47
February'19	134217633	1071164335	1205381968	635710	834620	11.13	88.87	0.48	0.08
March'19	133507010	1049900408	1183407418	-710623	-21263927	11.28	88.72	-0.53	-1.99



Share of rural areas in total telephones decreased to 43.46% in March'19 against 43.67% of February'19. The share of urban areas, on the other hand, increased to 56.54% from 56.33% in February'19.



Telephones: Rural vs. Urban (2018-19)

Month	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
April	533731736	693133263	1226864999	7862678	7205854	43.50	56.50	1.50	1.05
May	508300918	645235503	1153536421	-25430818	-47897760	44.06	55.94	-4.76	-6.91
June	515907423	653100546	1169007969	7606505	7865043	44.13	55.87	1.50	1.22
July	520458580	658979415	1179437995	4551157	5878869	44.13	55.87	0.88	0.90
August	521532905	667634635	1189167540	1074325	8655220	43.86	56.14	0.21	1.31
September	524677667	666937274	1191614941	3144762	-697361	44.03	55.97	0.60	-0.10
October	524761838	667368393	1192130231	84171	431119	44.02	55.98	0.02	0.06
November	529009007	664776132	1193785139	4247169	-2592261	44.31	55.69	0.81	-0.39
December	531378410	666511651	1197890061	2369403	1735519	44.36	55.64	0.45	0.26
January'19	530825547	673086091	1203911638	-552863	6574440	44.09	55.91	-0.10	0.99
February'19	526426606	678955362	1205381968	-4398941	5869271	43.67	56.33	-0.83	0.87
March'19	514266285	669141133	1183407418	-12160321	-9814229	43.46	56.54	-2.31	-1.45

- ☞ Overall teledensity for the month of March'19 stood at 90.10% as against 91.86% in February'19. The Teledensity for wireless segment was 88.45% whereas that of wireline segment is 1.65%. Teledensity reported in rural areas was 57.50% and in the urban areas was 159.66%. In Public sector, teledensity was 10.16% and in Private sector, it was 79.94% for the month of March'19.

Tele-density (2018-19)

Month	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
April	60.09	168.14	94.34	1.74	92.60	10.11	84.23
May	57.19	156.28	88.62	1.73	86.90	10.13	78.49
June	58.01	157.95	89.73	1.72	88.01	10.13	79.60
July	58.49	159.13	90.45	1.71	88.74	10.13	80.32
August	58.57	160.98	91.11	1.70	89.41	10.13	80.99
September	58.89	160.57	91.22	1.69	89.53	10.08	81.14
October	58.86	160.43	91.18	1.68	89.49	10.08	81.09
November	59.30	159.57	91.22	1.68	89.54	10.10	81.12
December	59.53	159.75	91.45	1.67	89.78	10.12	81.33
January'19	59.43	161.08	91.83	1.66	90.17	10.19	81.64
February'19	58.90	162.25	91.86	1.65	90.20	10.23	81.63
March'19	57.50	159.66	90.10	1.65	88.45	10.16	79.94

☞ The number of Internet subscribers (both broadband and narrowband put together) which was 429.25 million at the end of September, 2017 increased to 636.74 million by the end of March'19 registering a quarterly growth of 5.38% over quarter of December'18. The number of subscribers accessing internet via wireless phones was 615.06 million at the end of March'19. The number of wired Internet subscribers was 21.68 million at the end of March'19.

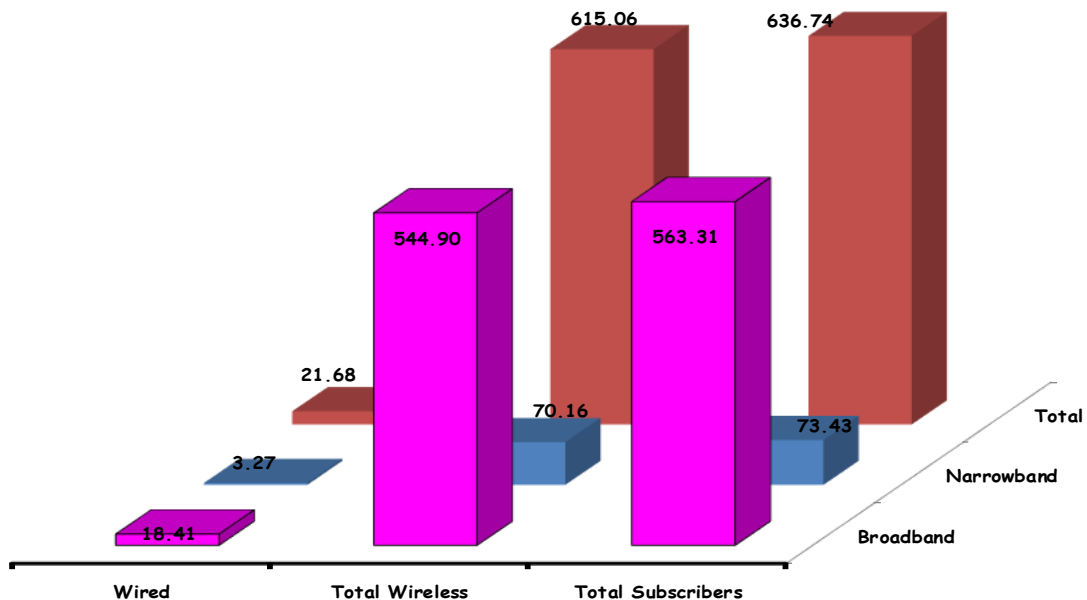
Trend of Internet Subscribers

Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	September'17	December'17	March'18	June'18	September'18	December'18	March'19
	429.25	445.96	493.95	512.27	560.01	604.21	636.74
Quarterly Growth (in Percentage)	-0.45	3.89	10.76	3.71	9.32	7.89	5.38

Internet Subscriber Base in India - March'19 * (in million)			
Segment	Wired	Total Wireless	Total
Broadband	18.41	544.90	563.31
Narrowband	3.27	70.16	73.43
Total	21.68	615.06	636.74

* As per the TRAI input

Internet Subscribers - March 2019 (in millions)



☞ The number of Broadband subscribers was 563.31 million at the end of March'19 as compared to 550.24 million in February'19, showing an increase of 2.38%.

Broadband Subscribers in India * (In million)				
At the end of	Wired	Total Wireless	Total Subscribers	% growth
April'18	17.97	401.83	419.80	1.75
May'18	17.94	414.06	432.00	2.91
June'18	17.90	429.22	447.12	3.50
July'18	17.95	442.29	460.24	2.93
August'18	18.02	445.63	463.65	0.74
September'18	17.99	463.71	481.70	3.89
October'18	18.10	478.02	496.12	2.99
November'18	18.09	493.81	511.90	3.18
December'18	18.17	500.38	518.55	1.30
January'19	18.27	521.77	540.04	4.14
February'19	18.29	531.95	550.24	1.89
March'19	18.42	544.89	563.31	2.38
