

Monthly Telecom Scenario

March'18



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'18	February'18
Total Phones		1211.80	1182.55
Wireline	million	22.81	23.03
Wireless		1188.99	1159.52
Rural		525.87	510.64
Urban		685.93	671.91
Public		131.66	128.45
Private		1080.14	1054.10
Wireline %age to Total Phones		%age	1.88
Wireless %age to Total Phones	98.12		98.05
Rural %age to Total Phones	43.40		43.18
Urban %age to Total Phones	56.60		56.82
Public %age to Total Phones	10.86		10.86
Private %age to Total Phones	89.14		89.14
Overall Teledensity		93.27	91.10
Wireline Teledensity	%age	1.76	1.77
Wireless Teledensity		91.51	89.33
Rural Teledensity		59.25	57.57
Urban Teledensity		166.64	163.48
Public		10.13	9.90
Private		83.14	81.21
Teledensity: Top five Circles			
Himachal Pradesh	%age	174.46	136.13
Tamil Nadu		136.36	126.34
Punjab		123.45	122.04
Kerala		121.61	119.89
Gujarat		112.45	111.04
Teledensity: Metros			
Delhi	%age	254.49	250.47
Kolkata		182.97	175.02
Mumbai		163.01	161.89
Broadband	million	412.60	392.06



At the end of March'18, the total number of telephones was 1211.80 million, compared to 1182.55 million by the end of February'18 i.e., an increase of 29.25 million. There has been net increase in total telephone connections with maximum rise in Tamil Nadu, Bihar and Himachal Pradesh with an increase of 7242337, 2783278 & 2769489 respectively. However, in Haryana (-2303436) the total number of telephones connections decline. In the current financial year 2017-18, the number of telephones increased by 16.81 million.

Telephones: Service area-wise

Service Area	March'17	April'17	May'17	June'17	July'17	August'17	September'17	October'17	November'17	December'17	January'18	February'18	March'18
ANDHRA PRADESH	86580485	87005489	87008505	87346044	86769174	86733089	86860894	87086394	85554275	85842919	85698368	86174891	87241623
ASSAM	21994249	22064486	22278684	22315211	22349285	22215240	22327406	22446787	22628613	22851761	22396766	23146670	25516825
BIHAR	84929755	85272222	86073761	86322506	85913305	85367612	84905366	83996529	84349504	84667917	84099891	86147165	88930443
GUJARAT	73198846	73477108	73293488	73621895	73074549	73996134	70368114	70986510	71341140	71890163	72337945	72209785	73195847
HARYANA	25392301	25387715	25743604	26000580	31826233	25581998	25798807	25804833	25371676	25773117	26013149	26188532	23885096
HIMACHAL PRADESH	10580608	10586867	10728972	10795877	12910312	10840067	10900886	10927164	11072818	10734844	9849819	9809258	12578747
JAMMU & KASHMIR	12041327	12144037	12329598	12478392	12406729	12632938	12686189	12942063	13117245	13239305	12675718	13138732	13839800
KARNATAKA	71385928	71303679	71492903	71892853	65850177	72901264	72757302	72362860	68994791	69458631	69521522	68806164	69221205
KERALA	41275132	41419026	41644405	41904128	46222239	42817708	43277390	43488968	42803499	43002611	43118937	43334520	43975326
MADHYA PRADESH	70603342	71201810	71318293	71963206	68517873	72483263	72516980	72676649	73767190	74910219	70214928	70106122	71471417
MAHARASHTRA	95780986	96322232	96260464	96941957	91504796	96227611	96419463	96025422	94992139	95150350	95109109	95557346	96334317
NORTH-EAST	12688408	12685840	12815222	12958489	19575697	13054511	13081094	13049461	12956932	12991238	12955749	13292796	13974925
ORISSA	34583799	34745877	34938212	35003724	40862561	34826151	34737232	34205373	34260457	34361054	33319641	33923684	34649966
PUNJAB	36972226	37313866	37638000	38054214	38182972	38078533	38280049	38566472	38916624	38956899	38346200	38524013	39002089
RAJASTHAN	68098694	68021109	68439680	68720143	62738771	67826388	67517468	66377083	66273505	66461953	64992963	64361320	65840348
TAMIL NADU	91803712	91956377	92292222	92738418	86991020	92814627	93289868	92963231	89244288	89410050	89290237	90770508	98012845
UTTAR PRADESH - [East]	105054437	105515829	106676693	106952560	104368610	106858253	106182160	104702650	101005790	101273772	101332764	102419189	104613364
UTTAR PRADESH - [West]	67072551	67034764	67751894	67946838	67477406	67253190	66923266	66644582	62593678	62681740	62762914	63086976	63791171
WEST BENGAL	58577948	58936349	59175638	59359888	64357447	58964910	59139410	58669414	58332814	58338459	56632943	57671494	59153123
KOLKATA	30175215	30221061	30259384	30324298	34377760	30491683	30581131	29867558	29764672	30016966	27901394	28297354	29606310
DELHI	56573699	56966951	57407166	57767250	56317495	57892316	57997477	57794281	57958728	58768590	56790291	56413777	57453739
MUMBAI	39624412	39671100	39611621	39809837	38496831	40100166	40495798	40524089	40924491	41354406	39795370	39172150	39507941
TOTAL	1194988060	1199253794	1205178409	1211218308	1211091242	1209957652	1207043750	1202108373	1186224869	1192136964	1175156618	1182552446	1211796467

The telecom Service area-wise analysis reveals that Uttar Pradesh - [East] has the highest share in the total telephones (8.63%) followed by Tamil Nadu (8.09%), Maharashtra (7.95%), Bihar (7.34%) and Andhra Pradesh (7.20%). These five Service areas taken together have a share of 39.21% in the total telephone connections in India.

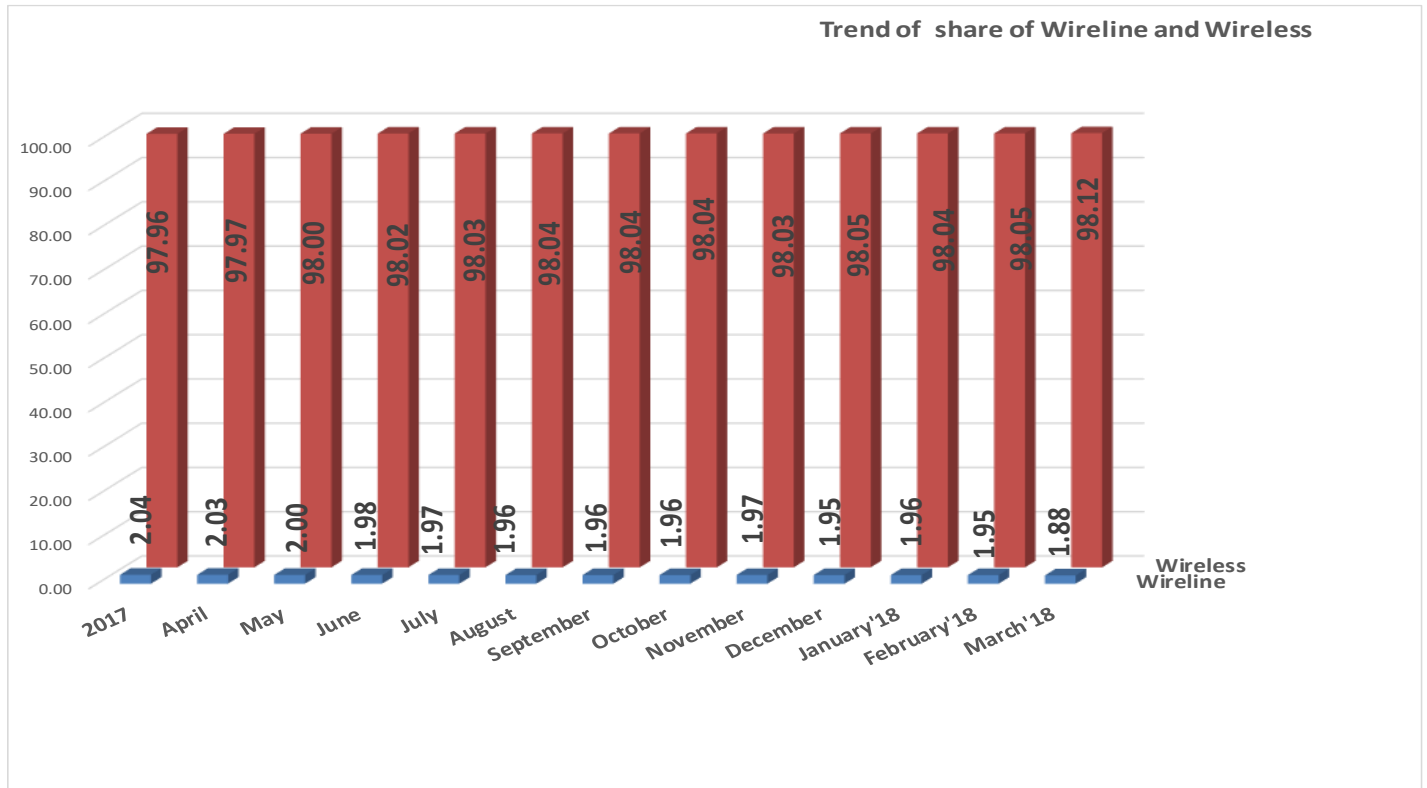
Telephones during the month of March'18				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1479737	85761886	87241623	7.20
ASSAM	137250	25379575	25516825	2.11
BIHAR	278273	88652170	88930443	7.34
GUJARAT	1268577	71927270	73195847	6.04
HARYANA	303494	23581602	23885096	1.97
HIMACHAL PRADESH	126524	12452223	12578747	1.04
JAMMU & KASHMIR	115678	13724122	13839800	1.14
KARNATAKA	2218217	67002988	69221205	5.71
KERALA	1970644	42004682	43975326	3.63
MADHYA PRADESH	949769	70521648	71471417	5.90
MAHARASHTRA	1728872	94605445	96334317	7.95
NORTH-EAST	112134	13862791	13974925	1.15
ORISSA	278075	34371891	34649966	2.86
PUNJAB	863107	38138982	39002089	3.22
RAJASTHAN	601047	65239301	65840348	5.43
TAMIL NADU	2315505	95697340	98012845	8.09
UTTAR PRADESH - [East]	421909	104191455	104613364	8.63
UTTAR PRADESH - [West]	390776	63400395	63791171	5.26
WEST BENGAL	277267	58875856	59153123	4.88
KOLKATA	791519	28814791	29606310	2.44
DELHI	3191833	54261906	57453739	4.74
MUMBAI	2990509	36517432	39507941	3.26
TOTAL	22810716	1188985751	1211796467	100.00

☞ The overall tele-density at the end of March'18 was 93.27% as compared to 93.01% in March'17. Rural and urban tele-density was 59.25% and 166.64% respectively. Among the Service areas, Himachal Pradesh (174.46%) has the highest tele-density followed by Tamil Nadu (136.36%), Punjab (123.45%), Kerala (121.61%) and Gujarat (112.45%). Among the three metros, Delhi Service Area tops in tele-density with 254.49%, followed by Kolkata (182.97%) and Mumbai (163.01%).

Tele-density: Service area-wise (in %age)

Service Area	March'17	April'17	May'17	June'17	July'17	August'17	September'17	October'17	November'17	December'17	January'18	February'18	March'18
ANDHRA PRADESH	97.18	97.60	97.54	97.86	97.16	97.06	97.14	97.33	95.56	95.83	95.61	96.08	97.21
ASSAM	66.97	67.13	67.72	67.77	67.81	67.34	67.62	67.92	68.41	69.02	67.59	69.79	76.87
BIHAR	60.99	61.18	61.69	61.81	61.46	61.02	60.63	59.93	60.13	60.30	59.84	61.24	63.16
GUJARAT	113.71	114.04	113.65	114.05	113.10	114.42	108.71	109.56	110.00	110.75	111.34	111.04	112.45
HARYANA	91.01	90.89	92.06	92.87	113.55	91.17	91.83	91.75	90.11	91.43	92.18	92.69	84.44
HIMACHAL PRADESH	147.86	147.86	149.74	150.59	179.96	151.00	151.76	152.02	153.96	149.16	136.78	136.13	174.46
JAMMU & KASHMIR	95.91	96.65	98.05	99.15	98.51	100.22	100.56	102.51	103.82	104.70	100.16	103.74	109.19
KARNATAKA	113.39	113.18	113.40	113.96	104.31	115.40	115.09	114.39	108.99	109.65	109.67	108.47	109.05
KERALA	114.75	115.09	115.67	116.34	128.27	118.77	119.99	120.53	118.58	119.08	119.35	119.89	121.61
MADHYA PRADESH	67.07	67.57	67.60	68.14	64.81	68.48	68.44	68.52	69.47	70.47	65.98	65.81	67.02
MAHARASHTRA	95.88	96.35	96.20	96.81	91.30	95.94	96.05	95.58	94.47	94.55	94.43	94.80	95.50
NORTH-EAST	89.94	89.85	90.68	91.62	138.29	92.14	92.25	91.95	91.22	91.38	91.06	93.35	98.06
ORISSA	80.74	81.06	81.46	81.56	95.16	81.05	80.79	79.50	79.58	79.76	77.30	78.65	80.28
PUNJAB	118.28	119.26	120.19	121.41	121.71	121.27	121.81	122.61	123.62	123.63	121.59	122.04	123.45
RAJASTHAN	92.02	91.82	92.28	92.56	84.41	91.16	90.65	89.02	88.79	88.94	86.88	85.95	87.83
TAMIL NADU	128.41	128.56	128.97	129.54	121.46	129.53	130.14	129.62	124.38	124.56	124.34	126.34	136.36
UTTAR PRADESH - [East]	74.03	74.12	74.83	74.94	73.54	74.42	73.89	73.05	69.66	69.73	69.70	70.21	71.36
UTTAR PRADESH - [West]													
WEST BENGAL	73.59	73.99	74.25	74.43	80.64	73.84	74.00	73.37	72.90	72.86	70.68	71.93	73.73
KOLKATA	188.37	188.49	188.58	188.82	213.89	189.54	189.94	185.35	184.56	185.97	172.72	175.02	182.97
DELHI	257.76	258.93	260.31	261.33	254.17	260.66	260.52	259.00	259.14	262.14	252.73	250.47	254.49
MUMBAI	166.77	166.69	166.16	166.71	160.95	167.37	168.74	168.58	169.97	171.47	164.74	161.89	163.01
TOTAL	93.01	93.25	93.63	94.01	93.91	93.74	93.42	92.95	91.64	92.01	90.62	91.10	93.27

☞ The share of wireless segment in total connections stood at 98.12% by the end of March'18. The share of wireline telephones stood at 1.88%. The annual growth percentage in wireless telephones was 1.57% while it was -6.52% in wireline segment.

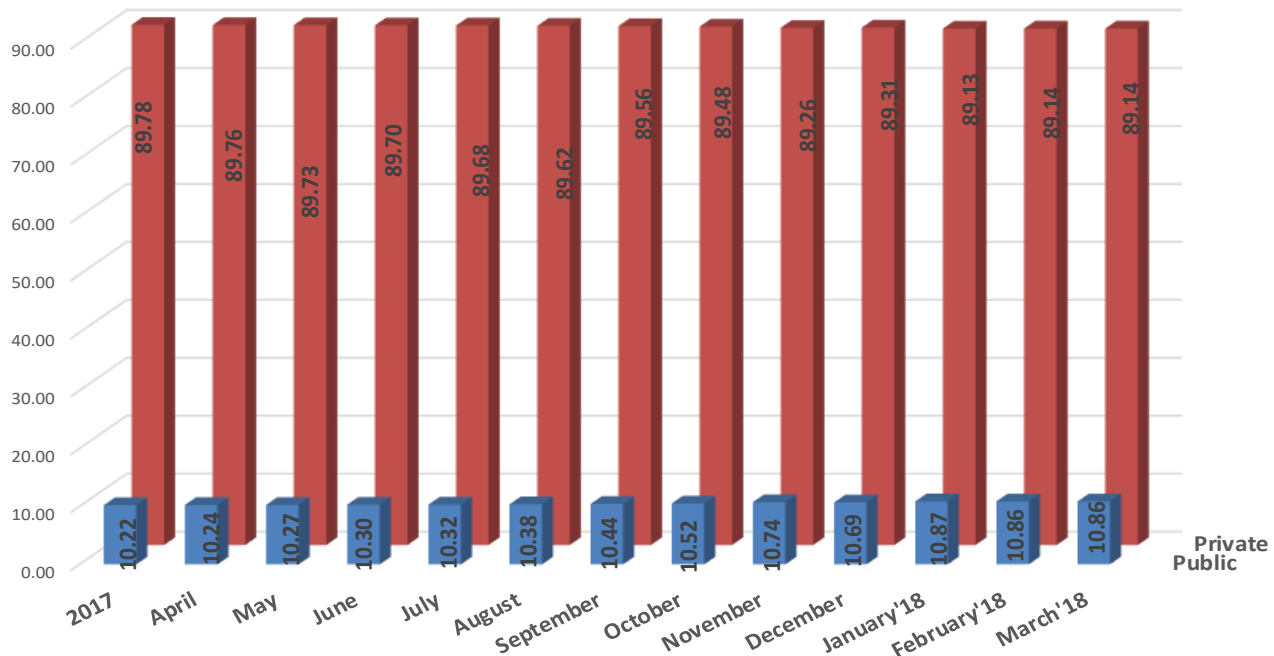


Telephones: Wireline vs Wireless

Year ending 31st March	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
2017	24400627	1170587433	1194988060	135654829	2.04	97.96	-3.27	13.20	12.81
2017-18									
April	24296732	1174957062	1199253794	4265734	2.03	97.97	-0.43	0.37	0.36
May	24157974	1181020435	1205178409	5924615	2.00	98.00	-0.57	0.52	0.49
June	23998887	1187219421	1211218308	6039899	1.98	98.02	-0.66	0.52	0.50
July	23916666	1187174576	1211091242	-127066	1.97	98.03	-0.34	0.00	-0.01
August	23752029	1186205623	1209957652	-1133590	1.96	98.04	-0.69	-0.08	-0.09
September	23670427	1183373323	1207043750	-2913902	1.96	98.04	-0.34	-0.24	-0.24
October	23528523	1178579850	1202108373	-4935377	1.96	98.04	-0.60	-0.41	-0.41
November	23412966	1162811903	1186224869	-15883504	1.97	98.03	-0.49	-1.34	-1.32
December	23234687	1168902277	1192136964	5912095	1.95	98.05	-0.76	0.52	0.50
January '18	23069283	1152087335	1175156618	-16980346	1.96	98.04	-0.71	-1.44	-1.42
February '18	23029843	1159522603	1182552446	7395828	1.95	98.05	-0.17	0.65	0.63
March '18	22810716	1188985751	1211796467	29244021	1.88	98.12	-0.95	2.54	2.47

☞ In March'18, Public sector's share in total telephones was 10.86%, as against 89.14% share of the private sector. Over last one year, Public sector telephones rised by 7.76% and Private sector telephones by 0.68%.

Trend of share of Public and Private

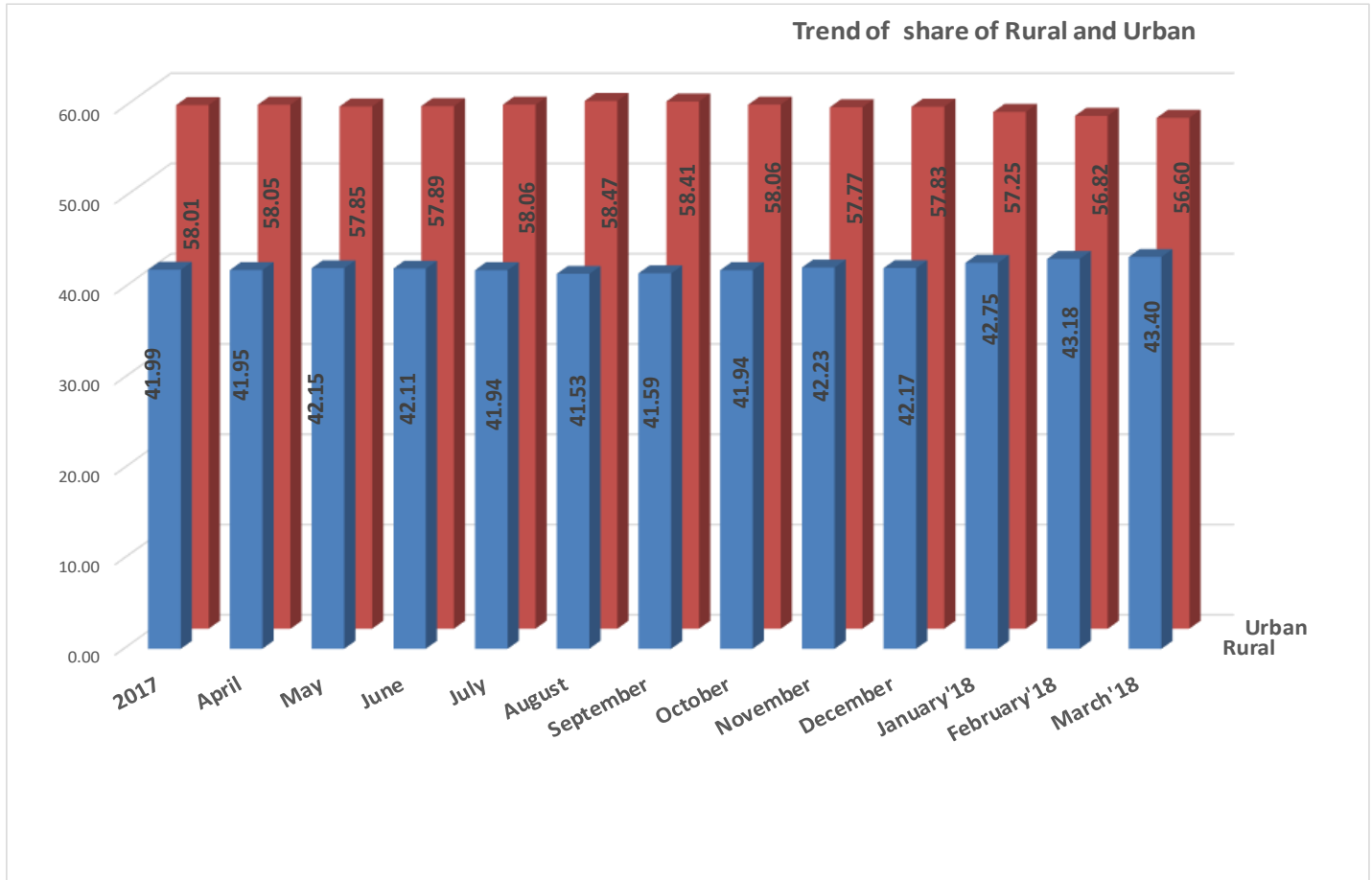


Telephones: Public vs. Private

Year ending 31st March	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
2017	122177339	1072810721	1194988060	13527403	122127426	10.22	89.78	12.45	12.85
2017-18									
April	122772793	1076481001	1199253794	595454	3670280	10.24	89.76	0.49	0.34
May	123794637	1081383772	1205178409	1021844	4902771	10.27	89.73	0.83	0.46
June	124803653	1086414655	1211218308	1009016	5030883	10.30	89.70	0.82	0.47
July	125027537	1086063705	1211091242	223884	-350950	10.32	89.68	0.18	-0.03
August	125560640	1084397012	1209957652	533103	-1666693	10.38	89.62	0.43	-0.15
September	126000116	1081043634	1207043750	439476	-3353378	10.44	89.56	0.35	-0.31
October	126461190	1075647183	1202108373	461074	-5396451	10.52	89.48	0.37	-0.50
November	127371224	1058853645	1186224869	910034	-16793538	10.74	89.26	0.72	-1.56
December	127453261	1064683703	1192136964	82037	5830058	10.69	89.31	0.06	0.55
January'18	127716477	1047440141	1175156618	263216	-17243562	10.87	89.13	0.21	-1.62
February'18	128446516	1054105930	1182552446	730039	6665789	10.86	89.14	0.57	0.64
March'18	131655262	1080141205	1211796467	3208746	26035275	10.86	89.14	2.50	2.47



In the month of March'18, the share of rural areas in total telephones increased to 43.40% against 43.18% of February'18. The share of urban areas decreased and stood at 56.60% against 56.82% of February'18. Rural telephones showed growth of 4.80% in financial year 2017-18 while urban sector showed -1.05% for the same period.



Telephones: Rural vs. Urban

Year ending 31st March	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
2017	501806543	693181517	1194988060	54036789	81618040	41.99	58.01	12.07	13.35
2017-18									
April	503071331	696182463	1199253794	1264788	3000946	41.95	58.05	0.25	0.43
May	508017416	697160993	1205178409	4946085	978530	42.15	57.85	0.98	0.14
June	510050742	701167566	1211218308	2033326	4006573	42.11	57.89	0.40	0.57
July	507922198	703169044	1211091242	-2128544	2001478	41.94	58.06	-0.42	0.29
August	502499610	707458042	1209957652	-5422588	4288998	41.53	58.47	-1.07	0.61
September	501993750	705050000	1207043750	-505860	-2408042	41.59	58.41	-0.10	-0.34
October	504213770	697894603	1202108373	2220020	-7155397	41.94	58.06	0.44	-1.01
November	500937004	685287865	1186224869	-3276766	-12606738	42.23	57.77	-0.65	-1.81
December	502706252	689430712	1192136964	1769248	4142847	42.17	57.83	0.35	0.60
January'18	502327672	672828946	1175156618	-378580	-16601766	42.75	57.25	-0.08	-2.41
February'18	510644850	671907596	1182552446	8317178	-921350	43.18	56.82	1.66	-0.14
March'18	525869058	685927409	1211796467	15224208	14019813	43.40	56.60	2.98	2.09

☞ Overall teledensity for the month of March'18 reached to 93.27% as compared to 93.01% in March'17. It was 91.10% in February'18. The Teledensity for wireless segment was 91.51% whereas that of wireline segment is 1.76%. Teledensity reported in rural areas was 59.25% and teledensity for the urban areas was 166.64%. In Public sector, teledensity was 10.13% and in Private sector, it was 83.14% for the month of March'18.

Tele-density

Year ending 31st March	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
2017	56.98	171.52	93.01	1.90	91.11	9.51	83.50
2017-18							
April	57.09	172.00	93.25	1.89	91.36	9.55	83.71
May	57.61	171.98	93.63	1.88	91.75	9.62	84.01
June	57.80	172.70	94.01	1.86	92.15	9.69	84.32
July	57.52	172.93	93.91	1.85	92.06	9.69	84.22
August	56.87	173.72	93.74	1.84	91.90	9.73	84.01
September	56.78	172.86	93.42	1.83	91.59	9.75	83.67
October	56.99	170.84	92.95	1.82	91.13	9.78	83.18
November	56.58	167.50	91.64	1.81	89.83	9.84	81.80
December	56.75	168.26	92.01	1.79	90.22	9.84	82.17
January'18	56.67	163.96	90.62	1.78	88.84	9.85	80.77
February'18	57.57	163.48	91.10	1.77	89.33	9.90	81.21
March'18	59.25	166.64	93.27	1.76	91.51	10.13	83.14

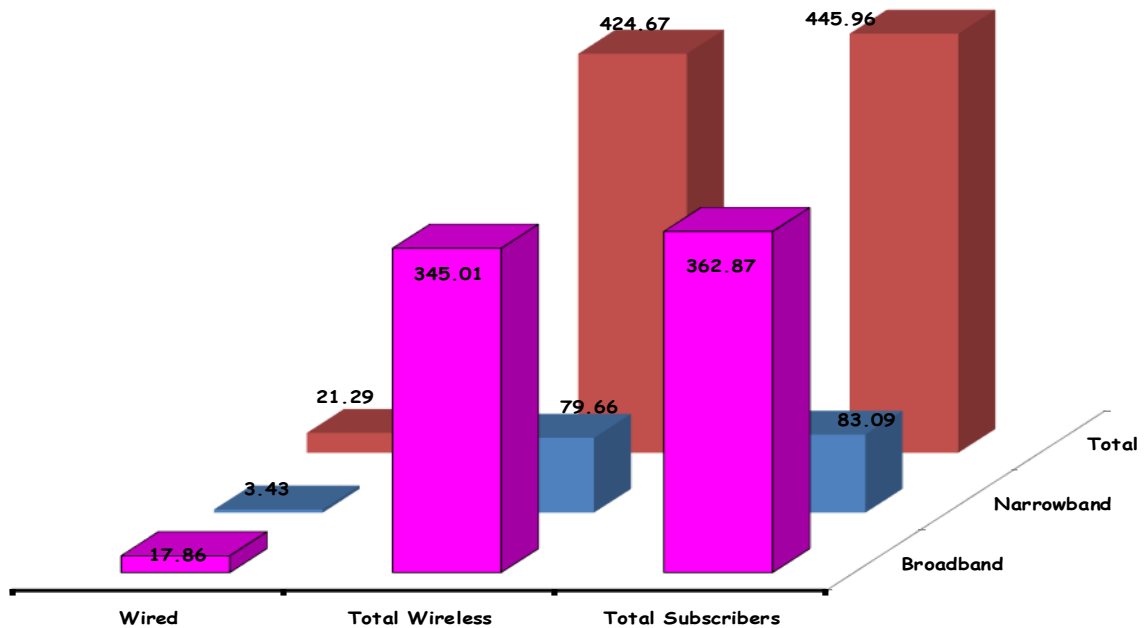
☞ The number of Internet subscribers (both broadband and narrowband put together) which was 422.18 million at the end of March, 2017 increased to 445.96 million by the end of December'17. The number of subscribers accessing internet via wireless phones etc. was 424.67 million at the end of December'17. The number of wired Internet subscribers was 21.29 million at the end of December'17.

Trend of Internet Subscribers

Trends of Internet Subscribers (in million)					
Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	December'16	March'17	June'17	September'17	December'17
	391.50	422.18	431.21	429.25	445.96
Quarterly Growth (in Percentage)	6.54	7.84	2.14	-0.45	3.89

Internet Subscriber Base in India - December'17 * (in million)			
Segment	Wired	Total Wireless	Total
Broadband	17.86	345.01	362.87
Narrowband	3.43	79.66	83.09
Total	21.29	424.67	445.96
* As per the TRAI input			

Internet Subscribers - December 2017 (in millions)



- ☞ The number of Broadband subscribers was 412.60 million in March'18 increased from 392.06 million at the end of February'18 showing an increase of 5.24%. Broadband connections showed annual growth of 49.22% for the period April'17-March'18.

Broadband Subscribers in India * (In million)			
At the end of	Wired	Total Wireless	Total Subscribers
March'17	18.24	258.27	276.51
April'17	18.25	265.98	284.23
May'17	18.23	273.38	291.61
June'17	18.33	282.51	300.84
July'17	18.14	292.73	310.87
August'17	18.11	298.37	316.48
September'17	18.04	306.86	324.90
October'17	17.98	322.18	340.16
November'17	17.85	332.85	350.70
December'17	17.86	345.01	362.87
January'18	17.87	360.23	378.10
February'18	17.72	374.34	392.06
March'18	17.95	394.65	412.60
