

Monthly Telecom Scenario

February'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	February'18	January'18
Total Phones		1182.55	1175.16
Wireline	million	23.03	23.07
Wireless		1159.52	1152.09
Rural		510.64	502.33
Urban		671.91	672.83
Public		128.45	127.72
Private		1054.10	1047.44
<i>Wireline %age to Total Phones</i>		%age	1.95
<i>Wireless %age to Total Phones</i>	98.05		98.04
<i>Rural %age to Total Phones</i>	43.18		42.75
<i>Urban %age to Total Phones</i>	56.82		57.25
<i>Public %age to Total Phones</i>	10.86		10.87
<i>Private %age to Total Phones</i>	89.14		89.13
Overall Teledensity			91.10
Wireline Teledensity	%age	1.77	1.78
Wireless Teledensity		89.33	88.84
Rural Teledensity		57.57	56.67
Urban Teledensity		163.48	163.96
Public		9.90	9.85
Private		81.21	80.77
Teledensity: Top five Circles			
<i>Himachal Pradesh</i>	%age	136.13	136.78
<i>Tamil Nadu</i>		126.34	124.34
<i>Punjab</i>		122.04	121.59
<i>Kerala</i>		119.89	119.35
<i>Gujarat</i>		111.04	111.34
Teledensity: Metros			
<i>Delhi</i>	%age	250.47	252.73
<i>Kolkata</i>		175.02	172.72
<i>Mumbai</i>		161.89	164.74
Broadband	million	392.06	378.10



At the end of February'18, the total number of telephones was 1182.55 million, compared to 1175.16 million by the end of January'18 i.e., an increase of 7.39 million. There has been net decline in total telephone connections with maximum decline in Karnataka (715358) followed by Rajasthan (631643) and Mumbai (623220). However, Bihar, Tamil Nadu and Uttar Pradesh - [East] recorded a rise in telephone connections over previous month, with an increase of 2047274, 1480271 & 1086425 respectively.

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



The telecom Service area-wise analysis reveals that Uttar Pradesh - [East] has the highest share in the total telephones (8.66%) followed by Maharashtra (8.08%), Tamil Nadu (7.68%), Andhra Pradesh (7.29%) and Bihar (7.28%). These five Service areas taken together have a share of 38.99% in the total telephone connections in India.

Telephones during the month of February'18				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1497627	84677264	86174891	7.29
ASSAM	138038	23008632	23146670	1.96
BIHAR	276987	85870178	86147165	7.28
GUJARAT	1296701	70913084	72209785	6.11
HARYANA	303086	25885446	26188532	2.21
HIMACHAL PRADESH	126068	9683190	9809258	0.83
JAMMU & KASHMIR	115204	13023528	13138732	1.11
KARNATAKA	2236306	66569858	68806164	5.82
KERALA	1972585	41361935	43334520	3.66
MADHYA PRADESH	961261	69144861	70106122	5.93
MAHARASHTRA	1744888	93812458	95557346	8.08
NORTH-EAST	112555	13180241	13292796	1.12
ORISSA	276286	33647398	33923684	2.87
PUNJAB	872862	37651151	38524013	3.26
RAJASTHAN	597859	63763461	64361320	5.44
TAMIL NADU	2339417	88431091	90770508	7.68
UTTAR PRADESH - [East]	487637	101931552	102419189	8.66
UTTAR PRADESH - [West]	351570	62735406	63086976	5.33
WEST BENGAL	279695	57391799	57671494	4.88
KOLKATA	815012	27482342	28297354	2.39
DELHI	3211215	53202562	56413777	4.77
MUMBAI	3016984	36155166	39172150	3.31
TOTAL	23029843	1159522603	1182552446	100.00

☞ The overall tele-density at the end of February'18 was 91.10%. Rural and urban tele-density was 57.57% and 163.48% respectively. Among the Service areas, Himachal Pradesh (136.13%) has the highest tele-density followed by Tamil Nadu (126.34%), Punjab (122.04%), Kerala (119.89%) and Gujarat (111.04%). Among the three metros, Delhi Service Area tops in tele-density with 250.47%, followed by Kolkata (175.02%) and Mumbai (161.89%).

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

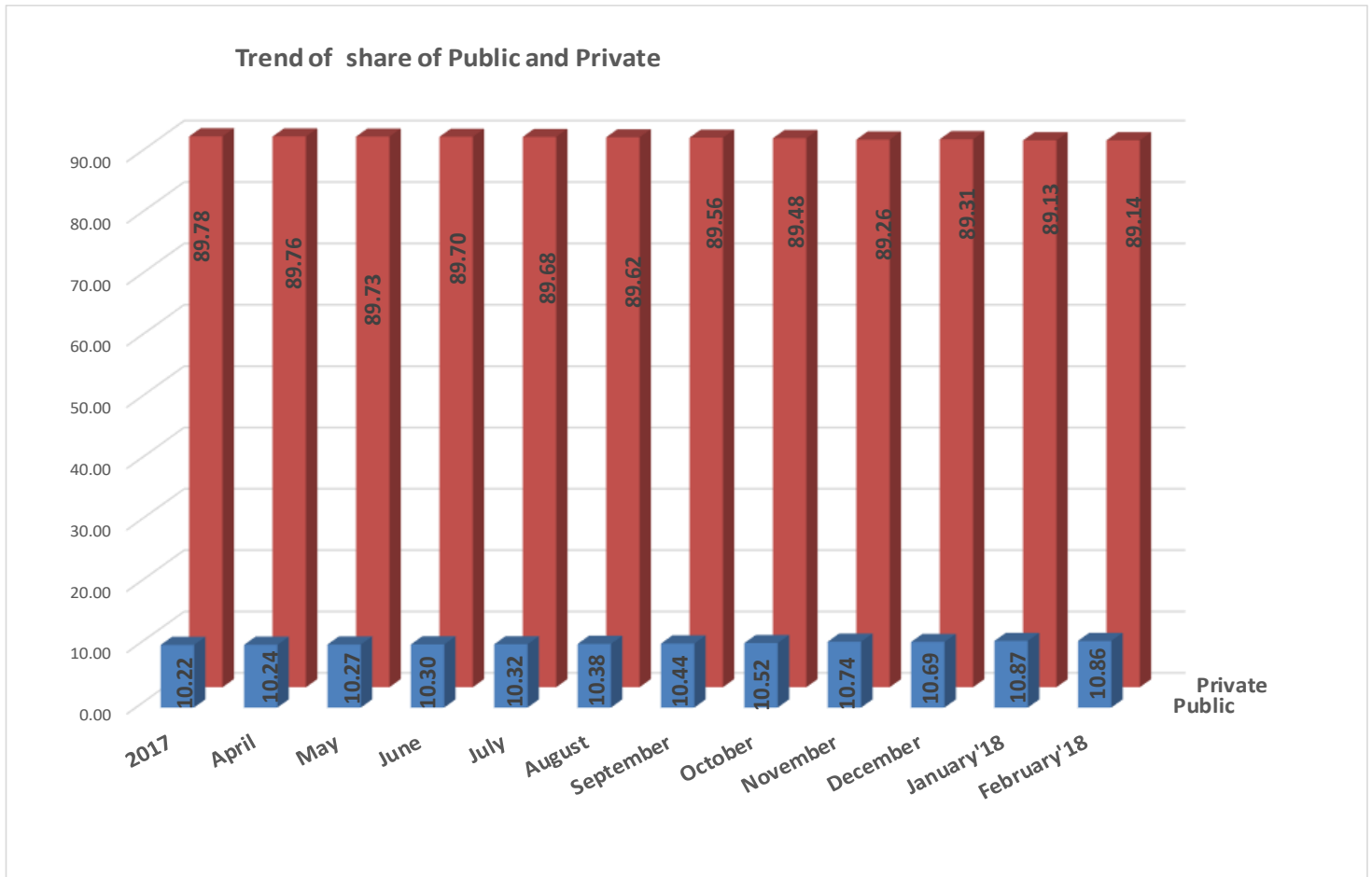
☞ The share of wireless segment in total connections stood at 98.05% by the end of February'18. The share of wireline telephones stood at 1.95%.



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

☞ In February'18, Public sector's share in total telephones was 10.86%, as against 89.14% share of the private sector.

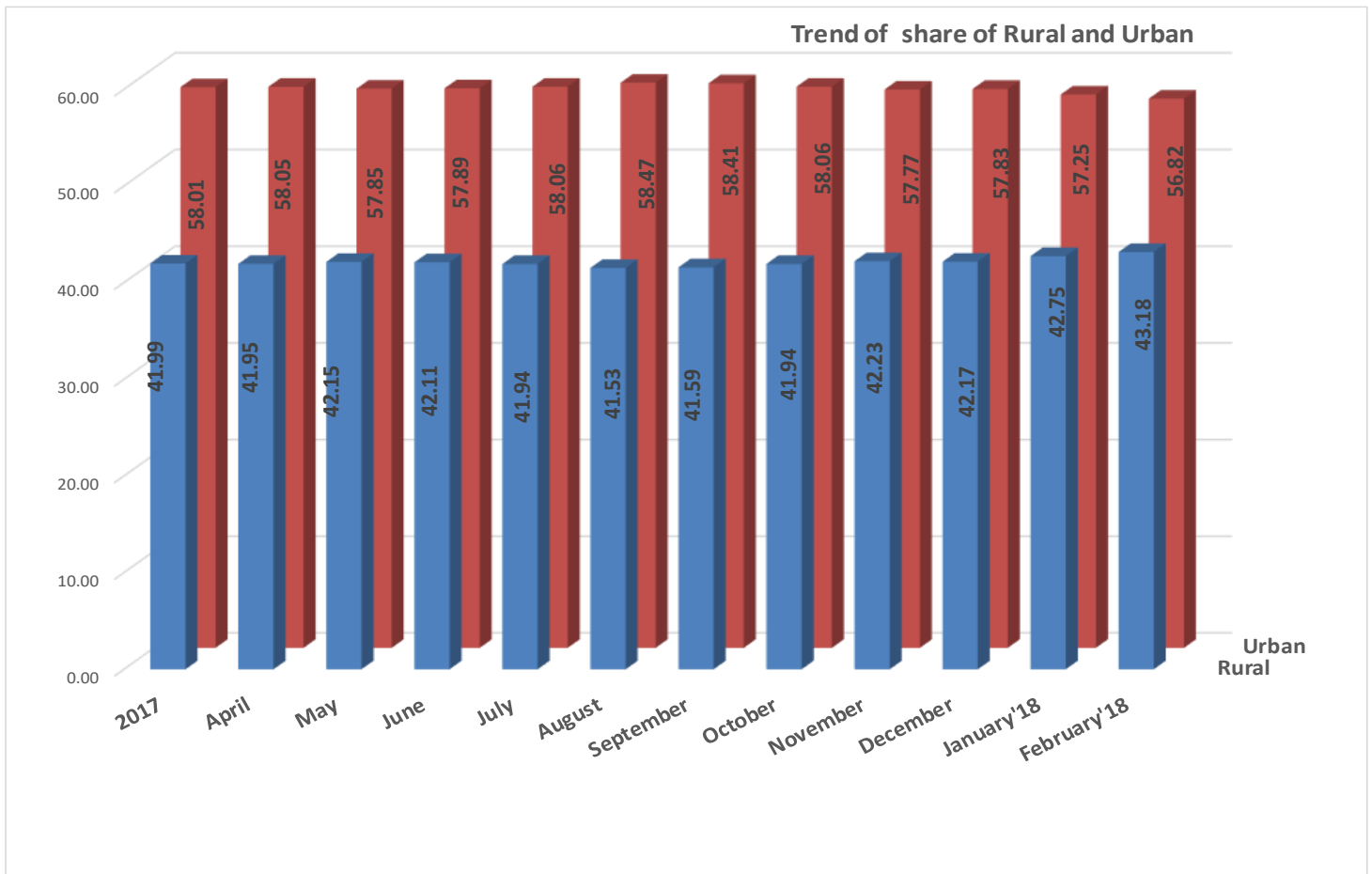


Telephones: Public vs. Private

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



In the month of February'18, the share of rural areas in total telephones increased to 43.18% against 42.75% of January'18. The share of urban areas decreased and stood at 56.82% against 57.25% of January'18.



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

Overall teledensity for the month of February'18 reached to 91.10%. It was 90.62% in January'18. The Teledensity for wireless segment was 89.33% whereas that of wireline segment is 1.77%. Teledensity reported in rural areas was 57.57% and teledensity for the urban areas was 163.48%. In Public sector, teledensity was 9.90% and in Private sector, it was 81.21% for the month of February'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

☞ 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.

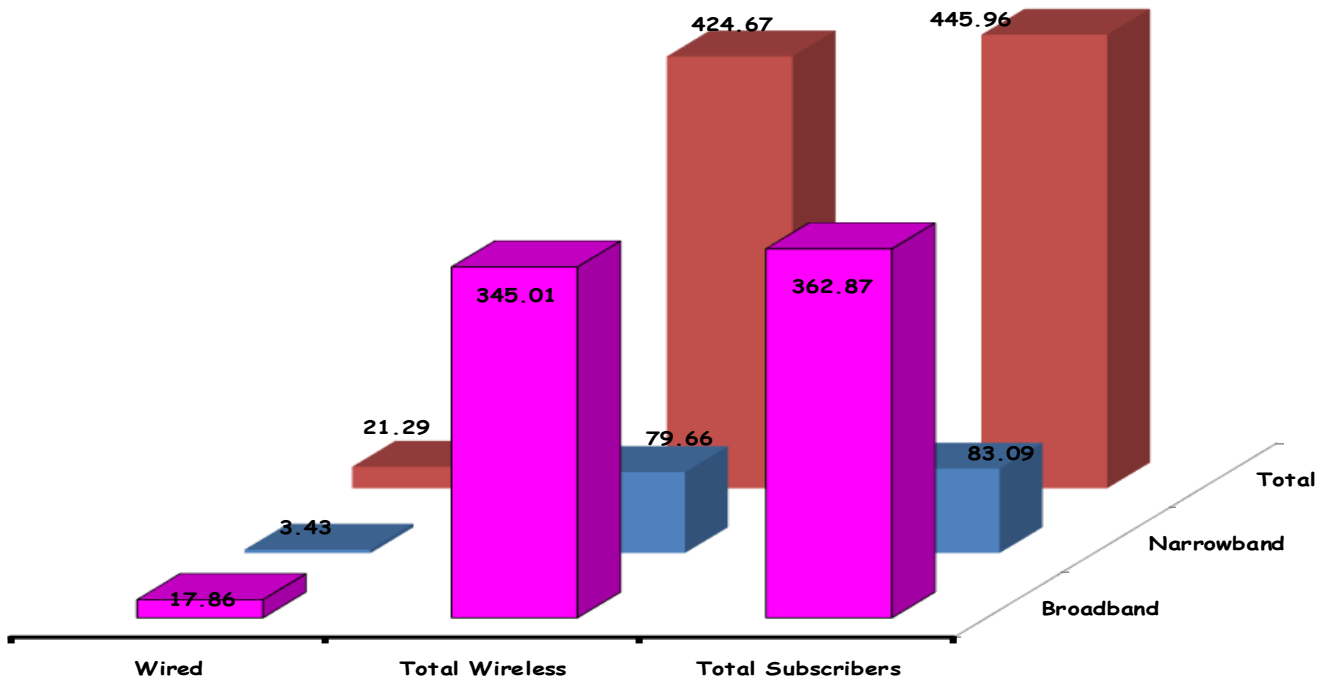
Trend of Internet Subscribers

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 392.06 million at the end of February'18 increased from 378.10 million in January'18 showing an increase of 3.69%.

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
