

Monthly Telecom Scenario

January'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	January'18	December'17
Total Phones		1175.16	1192.14
Wireline	million	23.07	23.23
Wireless		1152.09	1168.90
Rural		502.33	502.71
Urban		672.83	689.43
Public		127.72	127.45
Private		1047.44	1064.69
Wireline %age to Total Phones		%age	1.96
Wireless %age to Total Phones	98.04		98.05
Rural %age to Total Phones	42.75		42.17
Urban %age to Total Phones	57.25		57.83
Public %age to Total Phones	10.87		10.69
Private %age to Total Phones	89.13		89.31
Overall Teledensity		90.62	92.01
Wireline Teledensity	%age	1.78	1.79
Wireless Teledensity		88.84	90.22
Rural Teledensity		56.67	56.75
Urban Teledensity		163.96	168.26
Public		9.85	9.84
Private		80.77	82.17
Teledensity: Top five Circles			
Himachal Pradesh	%age	136.78	149.16
Tamil Nadu		124.34	124.56
Punjab		121.59	123.63
Kerala		119.35	119.08
Gujarat		111.34	110.75
Teledensity: Metros			
Delhi	%age	252.73	262.14
Kolkata		172.72	185.97
Mumbai		164.74	171.47
Broadband	million	378.10	362.87



At the end of January'18, the total number of telephones was 1175.16 million, compared to 1192.14 million by the end of December'17 i.e., a decrease of 16.98 million. There has been net decline in total telephone connections with maximum decline in Madhya Pradesh (4695291) followed by Kolkata (2115572) and Delhi (1978299). However, Gujarat, Haryana and Kerala recorded a rise in telephone connections over previous month, with an increase of 447782, 240032 & 116326 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
ANDHRA PRADESH	86580485	87005489	87008505	87346044	86769174	86733089	86860894	87086394	85554275	85842919	85698368
ASSAM	21994249	22064486	22278684	22315211	22349285	22215240	22327406	22446787	22628613	22851761	22396766
BIHAR	84929755	85272222	86073761	86322506	85913305	85367612	84905366	83996529	84349504	84667917	84099891
GUJARAT	73198846	73477108	73293488	73621895	73074549	73996134	70368114	70986510	71341140	71890163	72337945
HARYANA	25392301	25387715	25743604	26000580	31826233	25581998	25798807	25804833	25371676	25773117	26013149
HIMACHAL PRADESH	10580608	10586867	10728972	10795877	12910312	10840067	10900886	10927164	11072818	10734844	9849819
JAMMU & KASHMIR	12041327	12144037	12329598	12478392	12406729	12632938	12686189	12942063	13117245	13239305	12675718
KARNATAKA	71385928	71303679	71492903	71892853	65850177	72901264	72757302	72362860	68994791	69458631	69521522
KERALA	41275132	41419026	41644405	41904128	46222239	42817708	43277390	43488968	42803499	43002611	43118937
MADHYA PRADESH	70603342	71201810	71318293	71963206	68517873	72483263	72516980	72676649	73767190	74910219	70214928
MAHARASHTRA	95780986	96322232	96260464	96941957	91504796	96227611	96419463	96025422	94992139	95150350	95109109
NORTH-EAST	12688408	12685840	12815222	12958489	19575697	13054511	13081094	13049461	12956932	12991238	12955749
ORISSA	34583799	34745877	34938212	35003724	40862561	34826151	34737232	34205373	34260457	34361054	33319641
PUNJAB	36972226	37313866	37638000	38054214	38182972	38078533	38280049	38566472	38916624	38956899	38346200
RAJASTHAN	68098694	68021109	68439680	68720143	62738771	67826388	67517468	66377083	66273505	66461953	64992963
TAMIL NADU	91803712	91956377	92292222	92738418	86991020	92814627	93289868	92963231	89244288	89410050	89290237
UTTAR PRADESH - [East]	105054437	105515829	106676693	106952560	104368610	106858253	106182160	104702650	101005790	101273772	101332764
UTTAR PRADESH - [West]	67072551	67034764	67751894	67946838	67477406	67253190	66923266	66644582	62593678	62681740	62762914
WEST BENGAL	58577948	58936349	59175638	59359888	64357447	58964910	59139410	58669414	58332814	58338459	56632943
KOLKATA	30175215	30221061	30259384	30324298	34377760	30491683	30581131	29867558	29764672	30016966	27901394
DELHI	56573699	56966951	57407166	57767250	56317495	57892316	57997477	57794281	57958728	58768590	56790291
MUMBAI	39624412	39671100	39611621	39809837	38496831	40100166	40495798	40524089	40924491	41354406	39795370
TOTAL	1194988060	1199253794	1205178409	1211218308	1211091242	1209957652	1207043750	1202108373	1186224869	1192136964	1175156618



The telecom Service area-wise analysis reveals that Uttar Pradesh - [East] has the highest share in the total telephones (8.62%) followed by Maharashtra (8.09%), Tamil Nadu (7.60%), Andhra Pradesh (7.29%) and Bihar (7.16%). These five Service areas taken together have a share of 38.76% in the total telephone connections in India.

Telephones during the month of January'18				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1503028	84195340	85698368	7.29
ASSAM	138933	22257833	22396766	1.91
BIHAR	273551	83826340	84099891	7.16
GUJARAT	1293363	71044582	72337945	6.16
HARYANA	304624	25708525	26013149	2.21
HIMACHAL PRADESH	126210	9723609	9849819	0.84
JAMMU & KASHMIR	115041	12560677	12675718	1.08
KARNATAKA	2239531	67281991	69521522	5.92
KERALA	1977054	41141883	43118937	3.67
MADHYA PRADESH	969393	69245535	70214928	5.97
MAHARASHTRA	1750515	93358594	95109109	8.09
NORTH-EAST	113246	12842503	12955749	1.10
ORISSA	274724	33044917	33319641	2.84
PUNJAB	880300	37465900	38346200	3.26
RAJASTHAN	599593	64393370	64992963	5.53
TAMIL NADU	2344240	86945997	89290237	7.60
UTTAR PRADESH - [East]	485630	100847134	101332764	8.62
UTTAR PRADESH - [West]	353123	62409791	62762914	5.34
WEST BENGAL	282143	56350800	56632943	4.82
KOLKATA	816767	27084627	27901394	2.37
DELHI	3212750	53577541	56790291	4.83
MUMBAI	3015524	36779846	39795370	3.39
TOTAL	23069283	1152087335	1175156618	100.00

☞ The overall tele-density at the end of January'18 was 90.62%. Rural and urban tele-density was 56.67% and 163.96% respectively. Among the Service areas, Himachal Pradesh (136.78%) has the highest tele-density followed by Tamil Nadu (124.34%), Punjab (121.59%), Kerala (119.35%) and Gujarat (111.34%). Among the three metros, Delhi Service Area tops in tele-density with 252.73%, followed by Kolkata (172.72%) and Mumbai (164.74%).

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
ANDHRA PRADESH	97.18	97.60	97.54	97.86	97.16	97.06	97.14	97.33	95.56	95.83	95.61
ASSAM	66.97	67.13	67.72	67.77	67.81	67.34	67.62	67.92	68.41	69.02	67.59
BIHAR	60.99	61.18	61.69	61.81	61.46	61.02	60.63	59.93	60.13	60.30	59.84
GUJARAT	113.71	114.04	113.65	114.05	113.10	114.42	108.71	109.56	110.00	110.75	111.34
HARYANA	91.01	90.89	92.06	92.87	113.55	91.17	91.83	91.75	90.11	91.43	92.18
HIMACHAL PRADESH	147.86	147.86	149.74	150.59	179.96	151.00	151.76	152.02	153.96	149.16	136.78
JAMMU & KASHMIR	95.91	96.65	98.05	99.15	98.51	100.22	100.56	102.51	103.82	104.70	100.16
KARNATAKA	113.39	113.18	113.40	113.96	104.31	115.40	115.09	114.39	108.99	109.65	109.67
KERALA	114.75	115.09	115.67	116.34	128.27	118.77	119.99	120.53	118.58	119.08	119.35
MADHYA PRADESH	67.07	67.57	67.60	68.14	64.81	68.48	68.44	68.52	69.47	70.47	65.98
MAHARASHTRA	95.88	96.35	96.20	96.81	91.30	95.94	96.05	95.58	94.47	94.55	94.43
NORTH-EAST	89.94	89.85	90.68	91.62	138.29	92.14	92.25	91.95	91.22	91.38	91.06
ORISSA	80.74	81.06	81.46	81.56	95.16	81.05	80.79	79.50	79.58	79.76	77.30
PUNJAB	118.28	119.26	120.19	121.41	121.71	121.27	121.81	122.61	123.62	123.63	121.59
RAJASTHAN	92.02	91.82	92.28	92.56	84.41	91.16	90.65	89.02	88.79	88.94	86.88
TAMIL NADU	128.41	128.56	128.97	129.54	121.46	129.53	130.14	129.62	124.38	124.56	124.34
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
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
KOLKATA	188.37	188.49	188.58	188.82	213.89	189.54	189.94	185.35	184.56	185.97	172.72
DELHI	257.76	258.93	260.31	261.33	254.17	260.66	260.52	259.00	259.14	262.14	252.73
MUMBAI	166.77	166.69	166.16	166.71	160.95	167.37	168.74	168.58	169.97	171.47	164.74
TOTAL	93.01	93.25	93.63	94.01	93.91	93.74	93.42	92.95	91.64	92.01	90.62

☞ The share of wireless segment in total connections stood at 98.04% by the end of January'18. The share of wireline telephones stood at 1.96%.

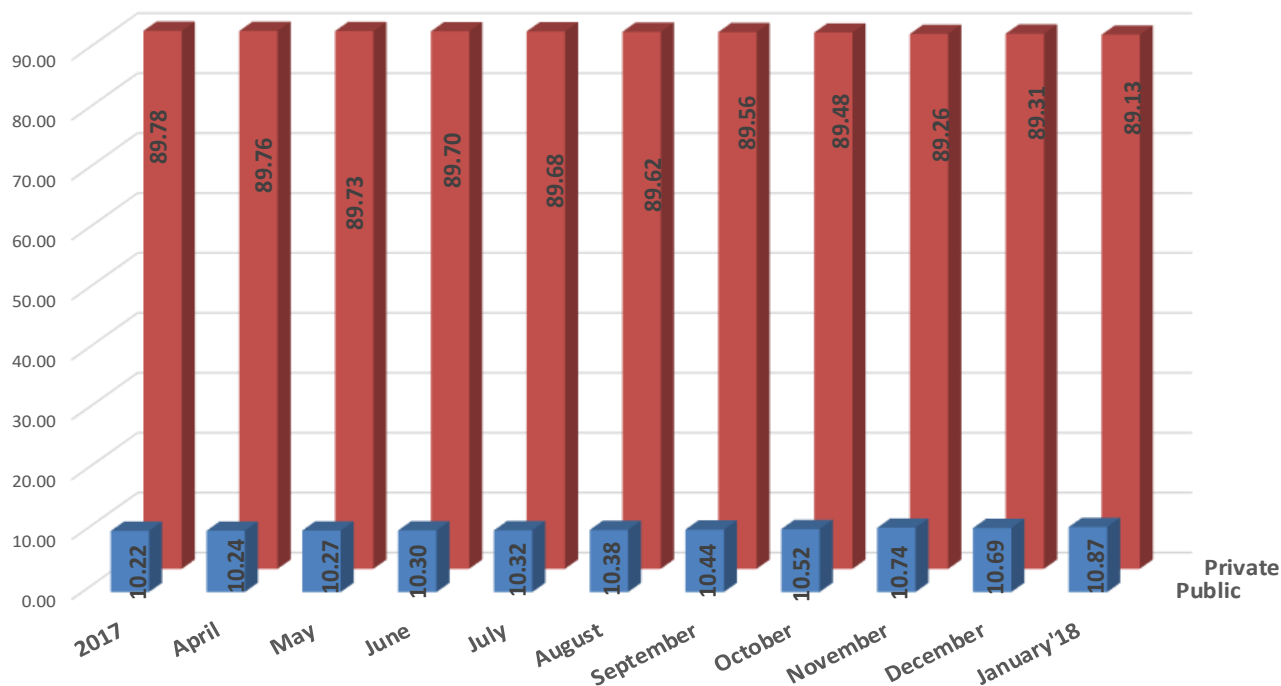


Telephones: Wireline vs Wireless

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

☞ In January '18, Public sector's share in total telephones was 10.87%, as against 89.13% share of the private sector.

Trend of share of Public and Private

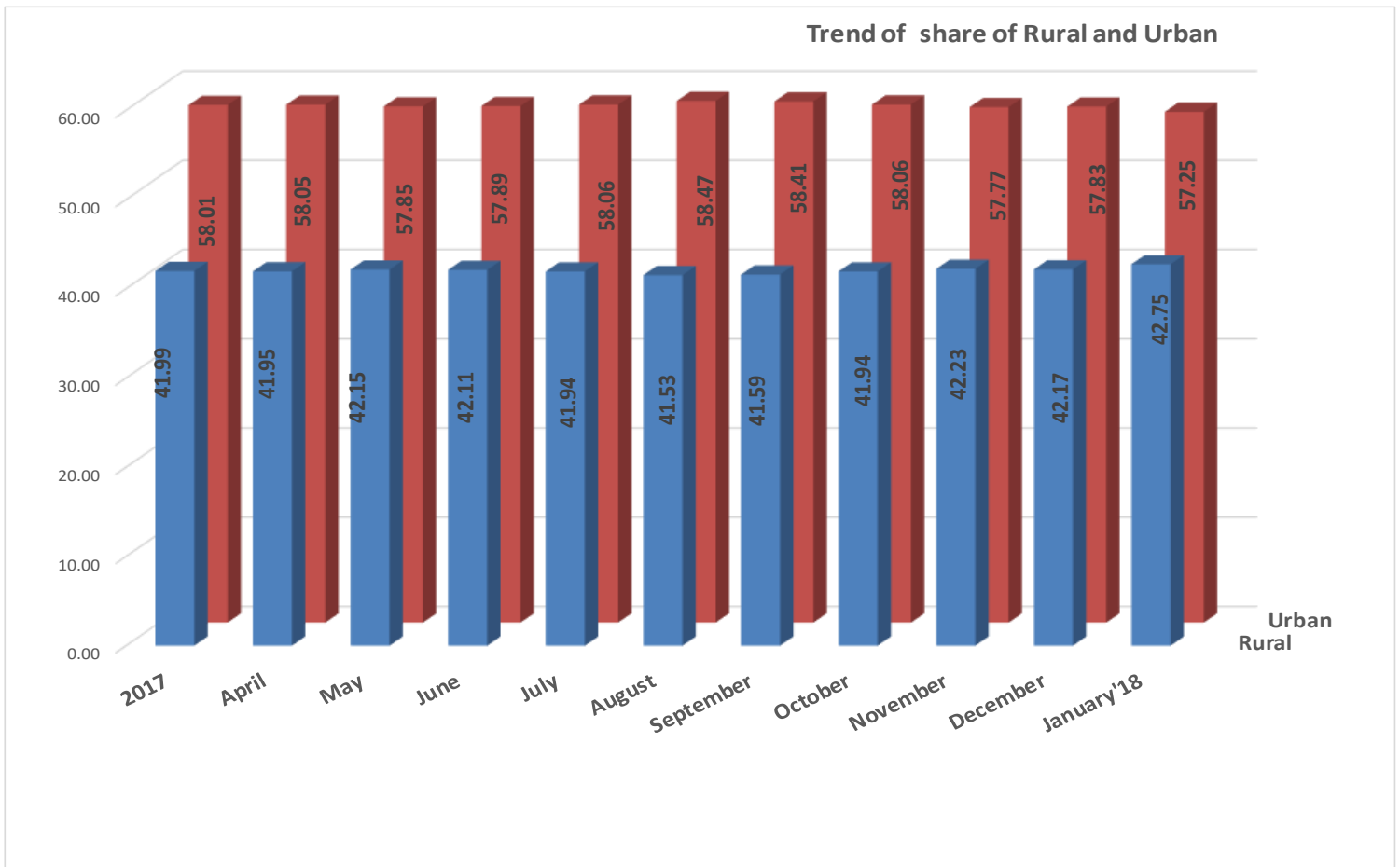


Telephones: Public vs. Private

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



In the month of January'18, the share of rural areas in total telephones increased to 42.75% against 42.17% of December'17. The share of urban areas decreased and stood at 57.25% against 57.83% of December'17.



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

Overall teledensity for the month of January'18 reached to 90.62%. It was 92.01% in December'17. The Teledensity for wireless segment was 88.84% whereas that of wireline segment is 1.78%. Teledensity reported in rural areas was 56.67% and teledensity for the urban areas was 163.96%. In Public sector, teledensity was 9.85% and in Private sector, it was 80.77% for the month of January'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

☞ 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.

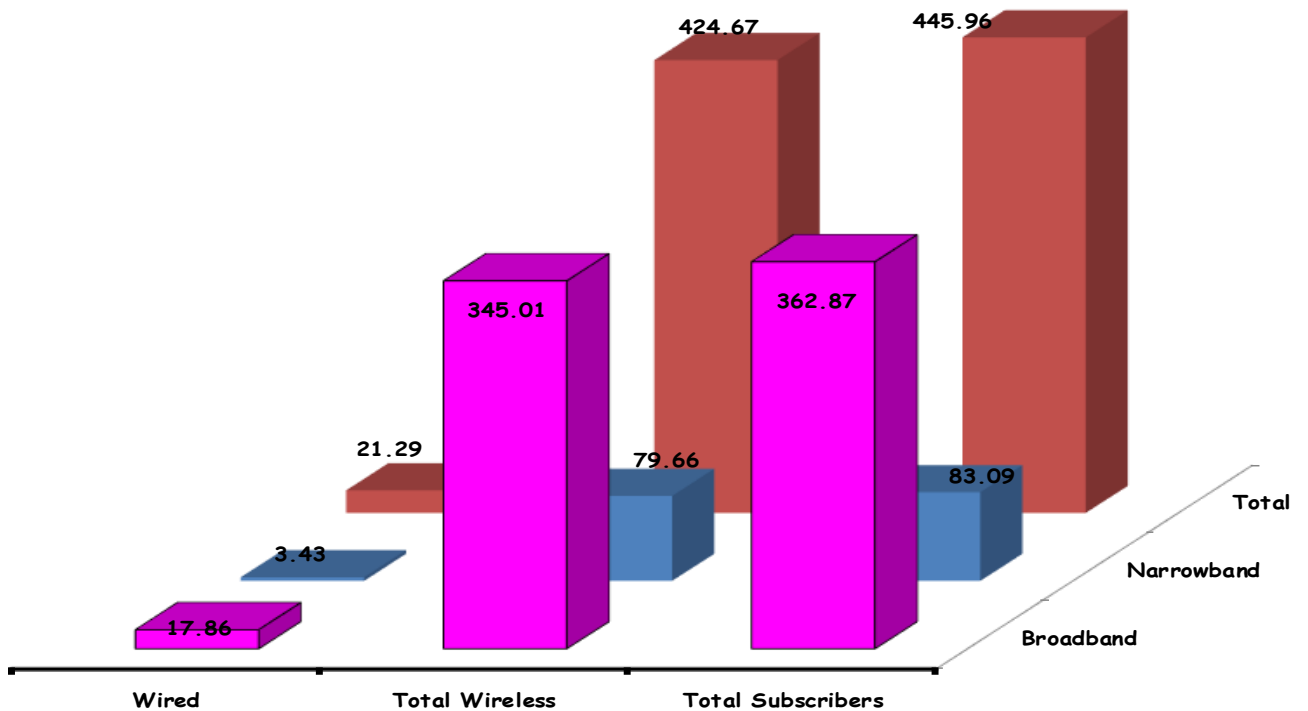
Trend of Internet Subscribers

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 378.10 million at the end of January'18 increased from 362.87 million in December'17 showing an increase of 4.20%.

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
