

No. 18-06/2016-STT(T)
भारत सरकार
Government of India
संचार मंत्रालय
Ministry of Communication
दूरसंचार विभाग
DEPARTMENT OF TELECOM
(सांख्यिकी अनुभाग)
(STT - Section)

दिनांक : मार्च 3, 2017
Dated: March 3, 2017

विषय : मासिक दूरसंचार दृश्यालेख 31 दिसंबर'16 की अवस्थितिनुसार।
Subject: - Monthly Telecom Scenario as on 31st December'16.

कृपया संलग्न पायें, दिसंबर'16 माह के लिये अद्यनित विभिन्न दूरसंचार प्राचलों के आंकड़ों को समाहित कर मासिक दूरसंचार दृश्यालेख।

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to December'16.


(Arvind Pandey)
Director (P&M)

सचिव-(दूरसंचार विभाग)/Secretary-DOT

सदस्य-(वित्त)/ Member (F)

सदस्य-(सेवायें)/ Member (S)

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अपर सचिव-(दूरसंचार)/Additional Secretary-(T)

सलाहकार (प्रचालन)/ Adviser (F)

प्रधान सलाहकार (आर्थिक)/Principal Adviser (Economics)

आर्थिक सलाहकार / Economics Adviser

सलाहकार (तकनीक)/ Adviser (T)

सभी व.उपमहानिदेशक व उपमहानिदेशक/ALL Sr. DDG's & DDGs' -

(Actts)/(TPF)/(AKS)/(AS)/(BB-USOF)/(BW)/(C&A)/(CS)/(CVO)/(DS)/(Estt)/(FEB)/(IC)/(IR)/(LFA)/
(LFP)/(NT)/(PG)/(PPS)/(SR)/(Security)/(SU)/(Tech)/(TEC)/(TERM)/(WPF)

Monthly Telecom Scenario

(दिसंबर'16) December'16



STT Section
Department of Telecommunications
Government of India

Overview

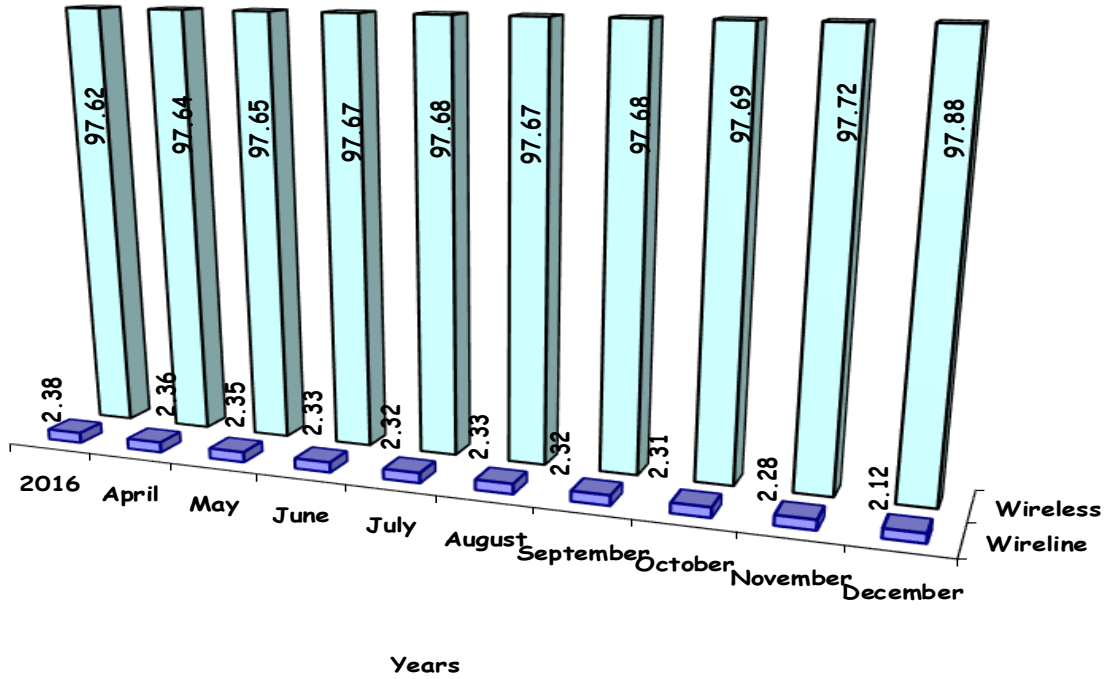
- ☞ At the end of December'16, for which the latest data are available, the total number of telephones was 11522.14 lakh, as compared to 10725.39 lakh by the end of November'16 i.e., an increase of 796.75 lakh. There is increasing trend in the number of telephones in the urban as well as rural areas.
- ☞ By the end of December'16, the share of wireless segment was 97.88%. The share of wireline telephones was reported at 2.12%, it was 2.28% in November'16.
- ☞ The public sector's share has decreased further to 10.25%, while that of the private sector has increased to 89.75%.
- ☞ In the month of December'16, the share of rural areas was 40.72% against 43.09% of November'16. The share of urban areas increased and stands at 59.28% against 56.91% of November'16.
- ☞ The telecom Service area-wise analysis reveals that Uttar Pradesh - [East] has the highest share in the total telephones, followed by Maharashtra, Tamil Nadu, Andhra Pradesh and Bihar. Their shares in the total telephones being 8.86%, 8.04%, 7.73%, 7.23% and 7.17%, respectively. These five Service areas taken together have a share of 39.03% in the total telephone connections in India.
- ☞ The overall tele-density at the end of December'16 was 89.94%. Rural and urban tele-density was 53.39% and 169.78% respectively. Among the Service areas, Himachal Pradesh (140.94%) has the highest tele-density followed by Tamil Nadu (124.76%), Punjab (119.97%), Kerala (111.42%) and Karnataka (110.40%). Among the three metros, Delhi Service Area tops in tele-density with 248.19 % tele-density, followed by Kolkata (181.53%) and Mumbai (159.29%).
- ☞ The number of Internet subscribers (both broadband and narrowband put together) which was 3426.50 lakh at the end of March, 2016 increased to 3674.80 lakh by the end of September'16. The number of subscribers accessing internet via wireless phones etc. was 3462.20 lakh at the end of September'16. The number of wired Internet subscribers was 212.60 lakh at the end of September'16. The number of Broadband subscribers was 2360.90 lakh at the end of December'16.

The following table gives a summary of the sector's performance vis-à-vis last month:

Parameter	Unit	December'16	November'16
Total Phones		11522.14	10725.39
Wireline	Lakh	244.04	244.45
Wireless		11278.10	10480.95
Rural		4692.30	4621.70
Urban		6829.84	6103.69
Public		1180.65	1171.45
Private		10341.49	9553.94
Wireline %age to Total Phones		%age	2.12
Wireless %age to Total Phones	97.88		97.72
Rural %age to Total Phones	40.72		43.09
Urban %age to Total Phones	59.28		56.91
Public %age to Total Phones	10.25		10.92
Private %age to Total Phones	89.75		89.08
Overall Teledensity			89.94
Wireline Teledensity	%age	1.90	1.91
Wireless Teledensity		88.03	81.89
Rural Teledensity		53.39	52.62
Urban Teledensity		169.78	151.97
Public		9.22	9.15
Private		80.72	74.64
Teledensity: Top five Circles			
Himachal Pradesh	%age	140.94	130.57
Tamil Nadu		124.76	116.10
Punjab		119.97	108.48
Kerala		111.42	104.72
Karnataka		110.40	102.94
Teledensity: Metros			
Delhi	%age	248.19	222.42
Kolkata		181.53	163.72
Mumbai		159.29	145.68
Broadband	Lakh	2360.90	2182.70

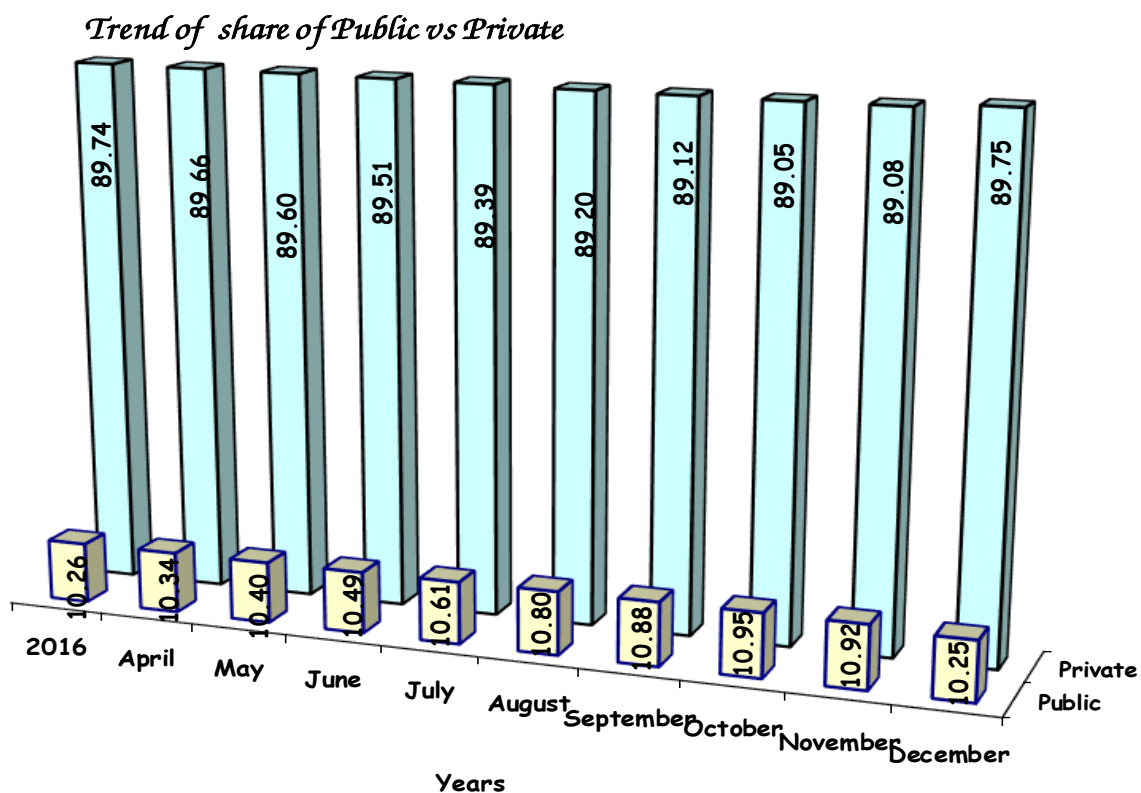
Telephones: Wireline vs Wireless

Trend of share of Wireline vs Wireless



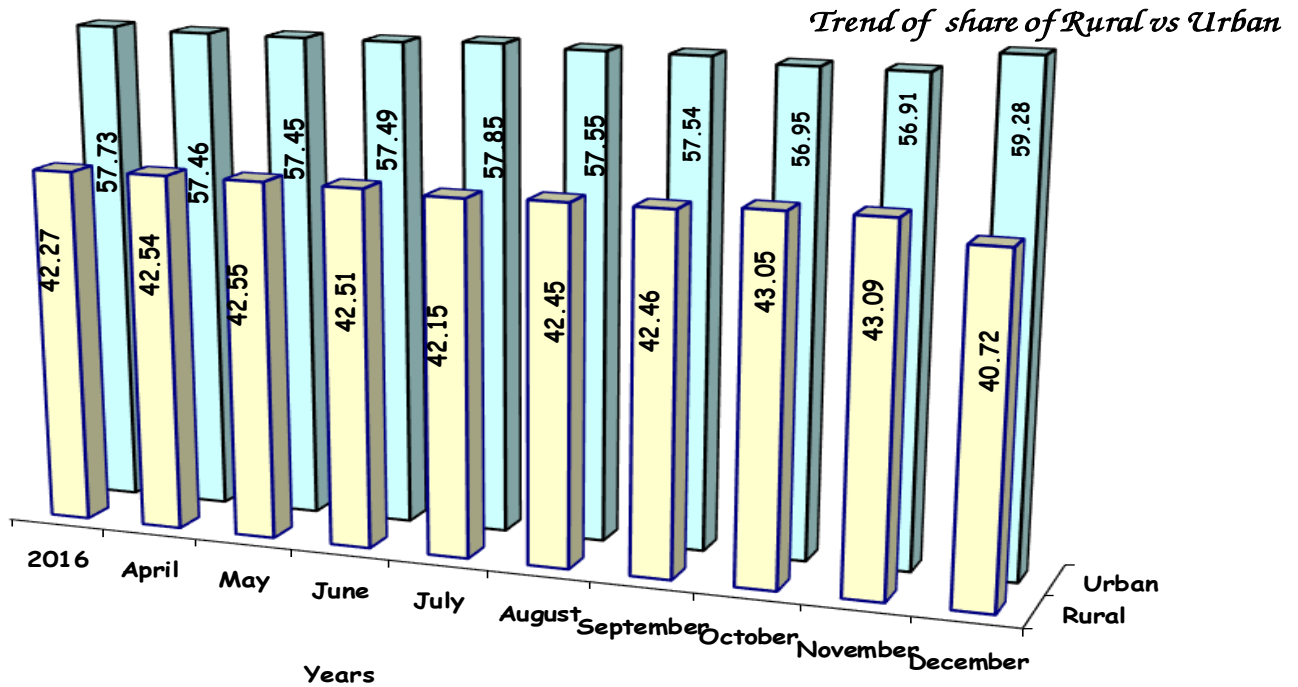
Year ending 31st March	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
2016	25224568	1034108663	1059333231	63203019	2.38	97.62	-5.15	6.66	6.34
2016-17									
April	25033938	1034708049	1059741987	408756	2.36	97.64	-0.76	0.06	0.04
May	24874701	1033590352	1058465053	-1276934	2.35	97.65	-0.64	-0.11	-0.12
June	24744448	1035534221	1060278669	1813616	2.33	97.67	-0.52	0.19	0.17
July	24616101	1034813401	1059429502	-849167	2.32	97.68	-0.52	-0.07	-0.08
August	24510916	1029347875	1053858791	-5570711	2.33	97.67	-0.43	-0.53	-0.53
September	24523264	1034238254	1058761518	4902727	2.32	97.68	0.05	0.48	0.47
October	24518726	1038343931	1062862657	4101139	2.31	97.69	-0.02	0.40	0.39
November	24444518	1048094625	1072539143	9676486	2.28	97.72	-0.30	0.94	0.91
December	24404336	1127809825	1152214161	79675018	2.12	97.88	-0.16	7.61	7.43

Telephones: Public vs. Private



Year ending 31st March	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
2016	108649936	950683295	1059333231	8309543	54893476	10.26	89.74	8.28	6.13
2016-17									
April	109551393	950190594	1059741987	901393	-492637	10.34	89.66	0.83	-0.05
May	110094486	948370567	1058465053	543093	-1820027	10.40	89.60	0.50	-0.19
June	111235045	949043624	1060278669	1140559	673057	10.49	89.51	1.04	0.07
July	112416513	947012989	1059429502	1181468	-2030635	10.61	89.39	1.06	-0.21
August	113822053	940036738	1053858791	1405540	-6976251	10.80	89.20	1.25	-0.74
September	115234554	943526964	1058761518	1412501	3490226	10.88	89.12	1.24	0.37
October	116370733	946491924	1062862657	1136179	2964960	10.95	89.05	0.99	0.31
November	117144867	955394276	1072539143	774134	8902352	10.92	89.08	0.67	0.94
December	118065140	1034149021	1152214161	920273	78754745	10.25	89.75	0.79	8.24

Telephones: Rural vs. Urban



Year ending 31st March	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
2016	447769754	611563477	1059333231	31686036	31516983	42.27	57.73	7.62	5.43
2016-17									
April	450784753	608957234	1059741987	3014753	-2605997	42.54	57.46	0.67	-0.43
May	450410009	608055044	1058465053	-374744	-902190	42.55	57.45	-0.08	-0.15
June	450758028	609520641	1060278669	348019	1465597	42.51	57.49	0.08	0.24
July	446598260	612831242	1059429502	-4159768	3310601	42.15	57.85	-0.92	0.54
August	447358246	606500545	1053858791	759986	-6330697	42.45	57.55	0.17	-1.03
September	449503367	609258151	1058761518	2145121	2757606	42.46	57.54	0.48	0.45
October	457552845	605309812	1062862657	8049478	-3948339	43.05	56.95	1.79	-0.65
November	462169884	610369259	1072539143	4617039	5059447	43.09	56.91	1.01	0.84
December	469230291	682983870	1152214161	7060407	72614611	40.72	59.28	1.53	11.90

Telephones: Service area-wise

Service Area	March'16	April'16	May'16	June'16	July'16	August'16	September'16	October'16	November'16	December'16
ANDHRA PRADESH	76388329	75707782	75598757	75002288	75275727	74837273	75199849	75671679	76331602	83289766
ASSAM	18721489	19089605	19257711	19392799	19492904	19570753	19770354	19900854	19992732	21100176
BIHAR	74842571	75232236	76035876	76317983	76076365	75793070	75989271	76613324	77752607	82626315
GUJARAT	63677628	63219177	62881521	63034930	63109696	63198240	63262984	63503945	63679861	69732339
HARYANA	23626667	23344741	21516940	21658228	21575305	21731966	21916729	22055693	22208630	24290599
HIMACHAL PRADESH	9060034	9223100	9116069	9210426	9210327	9286020	9319682	9303659	9318918	10065871
JAMMU & KASHMIR	9946455	9847187	9934276	10163315	9982834	9758452	9621116	10135559	10402823	11407789
KARNATAKA	63595767	63687574	63676915	63965907	63496337	63373149	63836526	64020338	64625982	69356193
KERALA	36607712	36724045	36827269	37027436	37091818	36774551	37169667	37303969	37601958	40023087
MADHYA PRADESH	66715337	66213514	64166556	64023735	63522187	62773562	63021552	62747893	63562224	67546189
MAHARASHTRA	86090087	85925696	86200225	86216051	86161949	85677643	85882958	86198745	87162861	92646932
NORTH-EAST	11199114	11292452	11323917	11547506	11605725	11595225	11816154	11865213	11891639	12504970
ORISSA	29368592	29658146	29853617	30152857	30219591	30520716	30753826	30881987	31023321	33084895
PUNJAB	32806657	32844048	32687367	32908238	33100159	33234466	33513813	33659951	33786282	37402011
RAJASTHAN	60879811	61103567	61165309	61411605	60815735	60558566	60990962	61178593	61777743	65666217
TAMIL NADU	83987282	84020989	83523725	83955215	83423394	83308067	83681480	83383711	82851808	89076750
UTTAR PRADESH - [East]	92738712	93795821	95109277	94453703	94776308	93985120	94415400	95110588	97734805	102104208
UTTAR PRADESH - [West]	58026879	58019076	58152364	58134266	58261633	57898726	58028241	58313715	59232479	63608044
WEST BENGAL	49866487	50027772	50164425	50463553	50753593	51128200	51799852	52157313	52719514	55925454
KOLKATA	25934956	25941735	26157341	26174722	26238905	25788886	25987724	26046071	26137217	29006093
DELHI	50415825	50197185	50463186	50412988	50569215	48685079	48418251	48430284	48361382	54091478
MUMBAI	34836840	34626539	34652410	34650918	34669795	34381061	34365127	34379573	34382755	37658785
TOTAL	1059333231	1059741987	1058465053	1060278669	1059429502	1053858791	1058761518	1062862657	1072539143	1152214161

1 Source: BSNL/MTNL/AUSPI/COAI

Tele-density

Year ending 31st March	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
2016	51.26	154.18	83.40	1.99	81.41	8.55	74.85
2016-17							
April	51.57	153.28	83.35	1.97	81.38	8.62	74.73
May	51.49	152.81	83.17	1.95	81.22	8.65	74.52
June	51.50	152.94	83.23	1.94	81.29	8.73	74.50
July	50.99	153.53	83.09	1.93	81.16	8.82	74.27
August	51.04	151.71	82.57	1.92	80.65	8.92	73.65
September	51.25	152.16	82.88	1.92	80.96	9.02	73.86
October	52.13	150.94	83.12	1.92	81.20	9.10	74.02
November	52.62	151.97	83.80	1.91	81.89	9.15	74.64
December	53.39	169.78	89.94	1.90	88.03	9.22	80.72

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

Service Area	March'16	April'16	May'16	June'16	July'16	August'16	September'16	October'16	November'16	December'16
ANDHRA PRADESH	86.40	85.57	85.39	84.67	84.92	84.37	84.73	85.21	85.89	93.67
ASSAM	57.64	58.72	59.18	59.54	59.80	59.98	60.53	60.88	61.10	64.43
BIHAR	54.36	54.59	55.12	55.27	55.04	54.78	54.87	55.27	56.04	59.50
GUJARAT	100.06	99.25	98.62	98.77	98.79	98.83	98.84	99.12	99.30	108.63
HARYANA	85.88	84.76	78.03	78.45	78.06	78.53	79.11	79.51	79.97	87.37
HIMACHAL PRADESH	127.61	129.83	128.23	129.47	129.39	130.37	130.75	130.45	130.57	140.94
JAMMU & KASHMIR	80.02	79.16	79.79	81.56	80.04	78.18	77.01	81.07	83.13	91.09
KARNATAKA	101.89	101.96	101.87	102.26	101.44	101.17	101.83	102.05	102.94	110.40
KERALA	102.33	102.61	102.85	103.36	103.49	102.56	103.61	103.94	104.72	111.42
MADHYA PRADESH	64.23	63.67	61.64	61.43	60.88	60.10	60.27	59.94	60.65	64.38
MAHARASHTRA	87.06	86.82	87.02	86.96	86.83	86.27	86.41	86.65	87.55	92.98
NORTH-EAST	80.22	80.82	80.97	82.51	82.84	82.70	84.20	84.47	84.58	88.88
ORISSA	69.09	69.73	70.14	70.80	70.91	71.57	72.07	72.33	72.61	77.39
PUNJAB	106.10	106.12	105.52	106.14	106.66	106.99	107.80	108.17	108.48	119.97
RAJASTHAN	83.36	83.58	83.57	83.81	82.91	82.46	82.96	83.12	83.85	89.03
TAMIL NADU	118.13	118.12	117.37	117.92	117.12	116.90	117.37	116.90	116.10	124.76
UTTAR PRADESH - [East]	65.83									
UTTAR PRADESH - [West]		66.21	66.75	66.37	66.49	65.90	66.06	66.40	67.85	71.54
WEST BENGAL	63.16	63.32	63.45	63.78	64.11	64.54	65.34	65.75	66.41	70.40
KOLKATA	163.56	163.45	164.68	164.64	164.91	161.94	163.06	163.28	163.72	181.53
DELHI	236.29	234.71	235.39	234.60	234.77	225.49	223.73	223.26	222.42	248.19
MUMBAI	149.60	148.45	148.31	148.05	147.88	146.40	146.09	145.90	145.68	159.29
TOTAL	83.40	83.35	83.17	83.23	83.09	82.57	82.88	83.12	83.80	89.94

1. Source: BSNL/MTNL/AUSPI/COAI and O/o Registrar General (for population projections)

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.

3. Projected population of individual States may not tally with the All India Population

Internet Subscribers

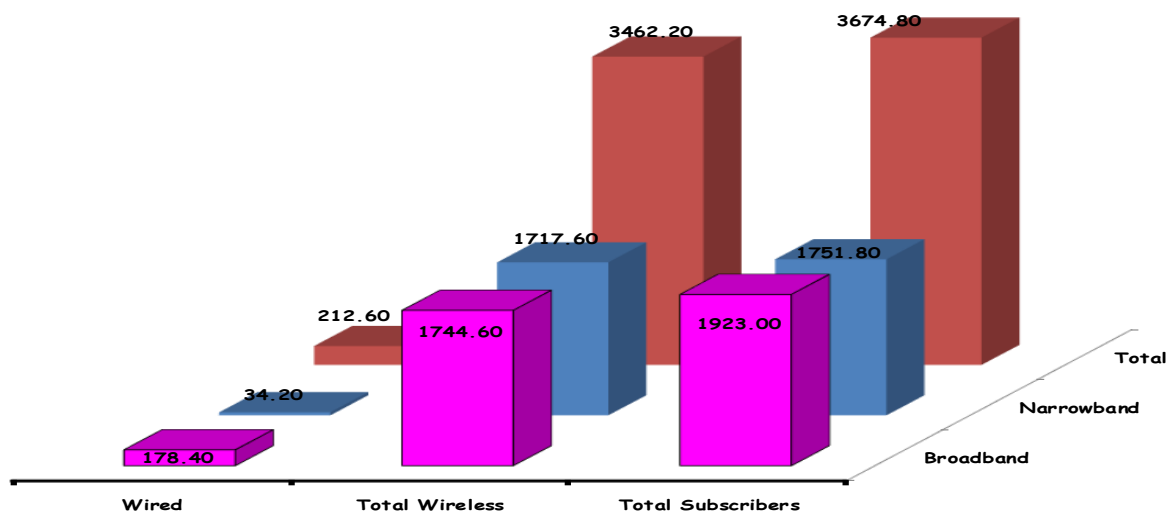
Trends of Internet Subscribers (in Lakh)

Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	Mar.'15	Jun.'15	Sept.'15	Dec.'15	Mar.'16	June'16	September'16
	3023.50	3194.20	3249.50	3316.60	3426.50	3504.80	3674.80

Internet Subscriber Base in India - September'16 * (in lakh)			
Segment	Wired	Total Wireless	Total
Broadband	178.40	1744.60	1923.00
Narrowband	34.20	1717.60	1751.80
Total	212.60	3462.20	3674.80

* As per the TRAI input

Internet Subscribers - September 2016 (in lakh)



Broadband Subscribers in India * (In Lakh)

At the end of	Wired	Total Wireless	Total Subscribers
March'16	169.80	1327.70	1497.50
April'16	170.50	1340.40	1510.90
May'16	171.60	1426.00	1597.60
June'16	173.20	1447.40	1620.60
July'16	174.90	1494.70	1669.60
August'16	176.70	1540.40	1717.10
September'16	178.40	1744.70	1923.10
October'16	179.30	2005.00	2184.30
November'16	180.6	2002.1	2182.70
December'16	181.4	2179.5	2360.90
