

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)  
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दिनांक : जनवरी 18, 2017  
Dated: January 18, 2017

विषय : मासिक दूरसंचार दृश्यालेख 30 नवम्बर'16 की अवस्थितिनुसार।  
Subject: - Monthly Telecom Scenario as on 30 November'16.

कृपया संलग्न पायें, नवम्बर'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 **November'16**.

अनुपम भटनागर  
(अनुपम भटनागर)  
(Anupam Bhatnagar)  
निदेशक (सांख्यिकी)  
Director (STT)

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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

(नवम्बर'16) November'16



STT Section  
Department of Telecommunications  
Government of India

## Overview

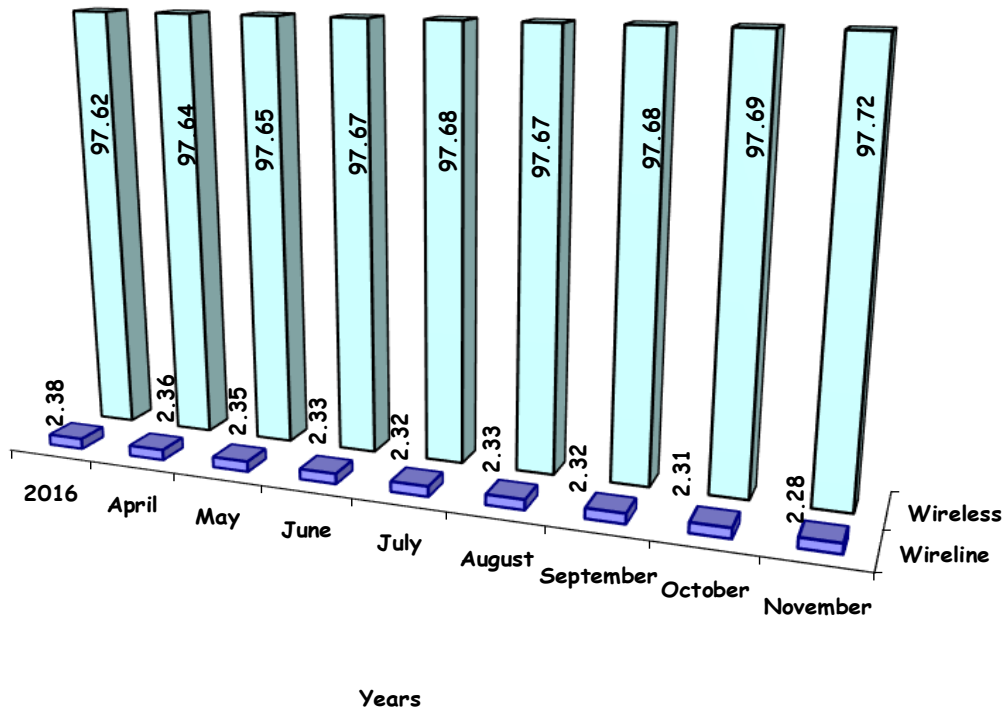
- ☞ At the end of November'16, for which the latest data are available, the total number of telephones was 10725.39 lakh, as compared to 10628.63 lakh at the end of October'16 i.e., an increase of 96.76 lakh. There is an increase in the number of telephones in the urban as well as rural areas.
- ☞ At the end of November'16, the share of wireless segment was 97.72%. The share of wireline telephones was reported at 2.28%, it was 2.31% in October'16.
- ☞ The public sector's share has reached 10.92%, while that of the private sector increased to 89.08%.
- ☞ In the month of November'16, the share of rural areas was 43.09% as against 43.05% in October'16. The share of urban areas decreased and was reported at 56.91% against 56.95% in October'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, Bihar and Andhra Pradesh. Their shares in the total telephones being 9.11%, 8.13%, 7.72%, 7.25% and 7.12%, respectively. These five Service areas taken together have a share of 39.33% in the total telephone connections in India.
- ☞ The overall tele-density at the end of November'16 was 83.80%. Rural and urban tele-density was 52.62% and 151.97% respectively. Among the Service areas, Himachal Pradesh (130.57%) had the highest tele-density followed by Tamil Nadu (116.10%), Punjab (108.48%), Kerala (104.72%) and Karnataka (102.94%). Among the three metros, Delhi Service Area tops in tele-density with 222.42% tele-density, followed by Kolkata (163.72%) and Mumbai (145.68%).
- ☞ The number of Internet subscribers (both broadband and narrowband put together) which was 3023.50 lakh at the end of March 2015 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 2184.30 lakh at the end of October'16.

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

Parameter	Unit	November'16	October'16
<b>Total Phones</b>		<b>10725.39</b>	<b>10628.63</b>
Wireline	<b>Lakh</b>	244.45	245.19
Wireless		10480.94	10383.44
Rural		4621.70	4575.53
Urban		6103.69	6053.10
Public		1171.45	1163.71
Private		9553.94	9464.92
Wireline %age to Total Phones		<b>%age</b>	2.28
Wireless %age to Total Phones	97.72		97.69
Rural %age to Total Phones	43.09		43.05
Urban %age to Total Phones	56.91		56.95
Public %age to Total Phones	10.92		10.95
Private %age to Total Phones	89.08		89.05
<b>Overall Teledensity</b>			<b>83.80</b>
Wireline Teledensity	<b>%age</b>	1.91	1.92
Wireless Teledensity		81.89	81.20
Rural Teledensity		52.62	52.13
Urban Teledensity		151.97	150.94
Public		9.15	9.10
Private		74.64	74.02
<b>Teledensity: Top five Circles</b>			
Himachal Pradesh	<b>%age</b>	130.57	130.45
Tamil Nadu		116.10	116.90
Punjab		108.48	108.17
Kerala		104.72	103.94
Karnataka		102.94	102.05
<b>Teledensity: Metros</b>			
Delhi	<b>%age</b>	222.42	223.26
Kolkata		163.72	163.28
Mumbai		145.68	145.90
<b>Broadband</b>	<b>Lakh</b>		<b>2184.30</b>

Telephones: Wireline vs Wireless

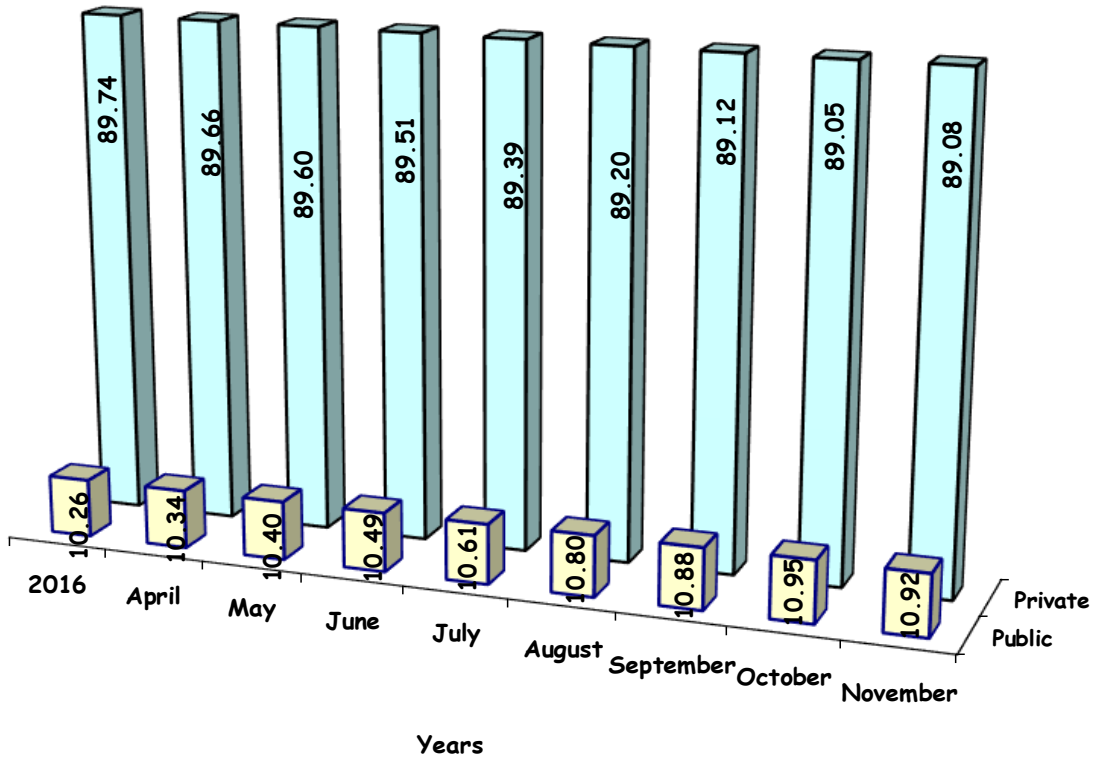
*Trend of share of Wireline vs Wireless*



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

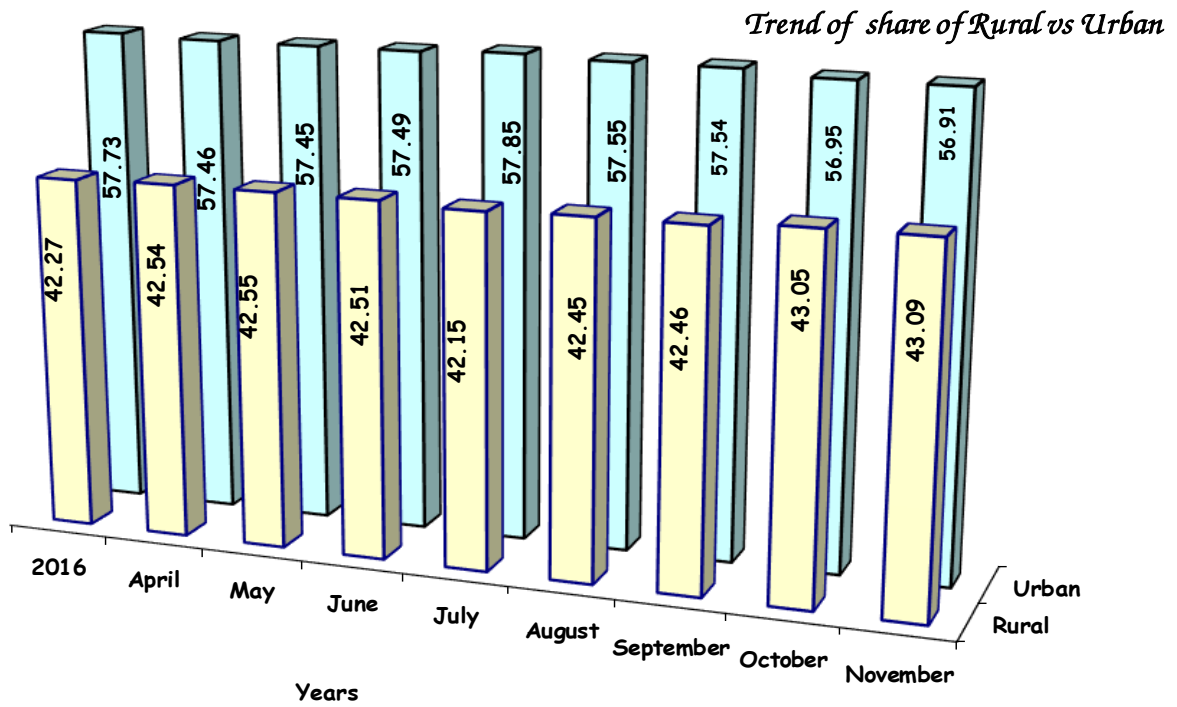
Telephones: Public vs. Private

*Trend of share of Public vs Private*



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

Telephones: Rural vs. Urban



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

Telephones: Service area-wise

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

1 Source: BSNL/MTNL/AUSPI/COAI



Tele-density

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

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

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

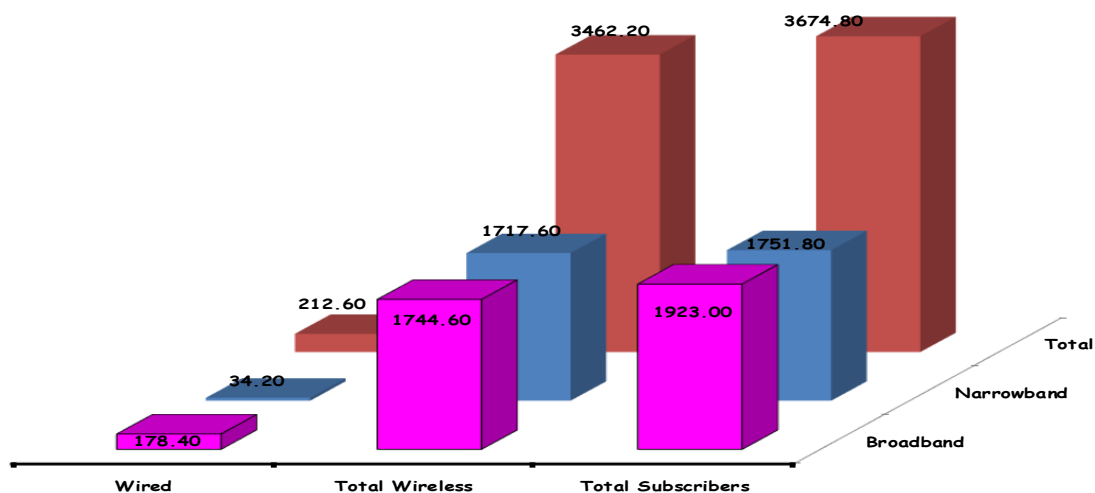
### Trends of Internet Subscribers (in Lakh)

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
<b>Total</b>	<b>212.60</b>	<b>3462.20</b>	<b>3674.80</b>

\* 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

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