

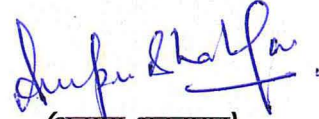
No. 18-06/2016-STT(T)
भारत सरकार
Government of India
संचार मंत्रालय
Ministry of Communication
दूरसंचार विभाग
DEPARTMENT OF TELECOM
(सांख्यिकी अनुभाग)
(STT - Section)

दिनांक : दिसम्बर 29, 2016
Dated: December 29, 2016

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

कृपया संलग्न पायें, अक्टूबर'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 October'16.



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

सचिव-(दूरसंचार विभाग)/Secretary-DOT

सदस्य-(वित्त)/ Member (F)

सदस्य-(सेवायें)/ Member (S)

सदस्य-(तकनीकी)/ Member (T)

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

(अक्टूबर'16) October'16



STT Section
Department of Telecommunications
Government of India

Overview

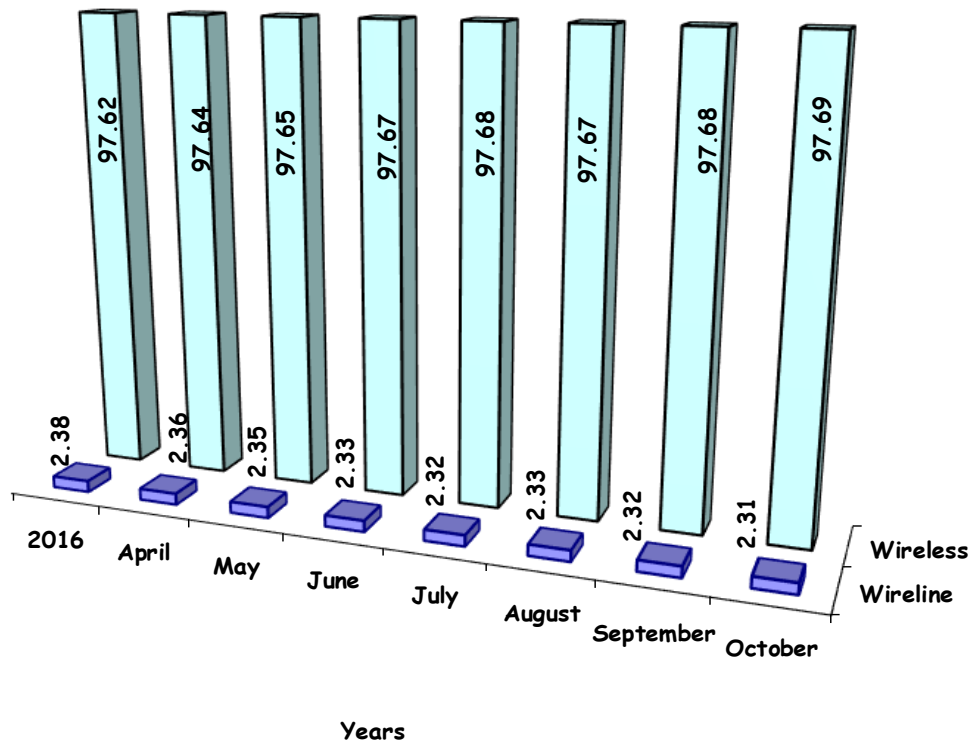
- ☞ At the end of October'16, for which the latest data are available, the total number of telephones was 10628.63 lakh, as compared to 10587.62 lakh at the end of September'16 i.e., an increase of 41.01 lakh.
- ☞ At the end of October'16, the share of wireless segment was 97.69%. The share of wireline telephones was reported at 2.31%.
- ☞ The public sector's share has increased further to 10.95%, while that of the private sector has decreased to 89.05%.
- ☞ In the month of October'16, the share of rural areas was 43.05% as against 42.46% in September'16. The share of urban areas decreased and was reported at 56.95% against 57.54% in September'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 8.95%, 8.11%, 7.85%, 7.21% and 7.12%, respectively. These five Service areas taken together have a share of 39.24% in the total telephone connections in India.
- ☞ The overall tele-density at the end of October'16 was 83.12%. Rural and urban tele-density was 52.13% and 150.94% respectively. Among the Service areas, Himachal Pradesh (130.45%) has the highest tele-density followed by Tamil Nadu (116.90%), Punjab (108.17%), Kerala (103.94%) and Karnataka (102.05%). Among the three metros, Delhi Service Area tops in tele-density with 223.26% tele-density, followed by Kolkata (163.28%) and Mumbai (145.90%).
- ☞ The number of Internet subscribers (both broadband and narrowband put together) which was 3023.50 lakh at the end of March, 2015 increased to 3504.80 lakh by the end of June, 2016. The number of subscribers accessing internet via wireless phones etc. was 3297.20 lakh at the end of June, 2016. The number of wired Internet subscribers was 207.60 lakh at the end of June, 2016. The number of Broadband subscribers was 1923.10 lakh at the end of September'16.

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

Parameter	Unit	October'16	September'16
Total Phones		10628.63	10587.62
Wireline	Lakh	245.19	245.23
Wireless		10383.44	10342.38
Rural		4575.53	4495.03
Urban		6053.10	6092.59
Public		1163.71	1152.35
Private		9464.92	9435.27
Wireline %age to Total Phones		%age	2.31
Wireless %age to Total Phones	97.69		97.68
Rural %age to Total Phones	43.05		42.46
Urban %age to Total Phones	56.95		57.54
Public %age to Total Phones	10.95		10.88
Private %age to Total Phones	89.05		89.12
Overall Teledensity		83.12	82.88
Wireline Teledensity	%age	1.92	1.92
Wireless Teledensity		81.20	80.96
Rural Teledensity		52.13	51.25
Urban Teledensity		150.94	152.16
Public		9.10	9.02
Private		74.02	73.86
Teledensity: Top five Circles			
Himachal Pradesh	%age	130.45	130.75
Tamil Nadu		116.90	117.37
Punjab		108.17	107.80
Kerala		103.94	103.61
Karnataka		102.05	101.83
Teledensity: Metros			
Delhi	%age	223.26	223.73
Kolkata		163.28	163.06
Mumbai		145.90	146.09
Broadband Subscribers	Lakh		1923.10

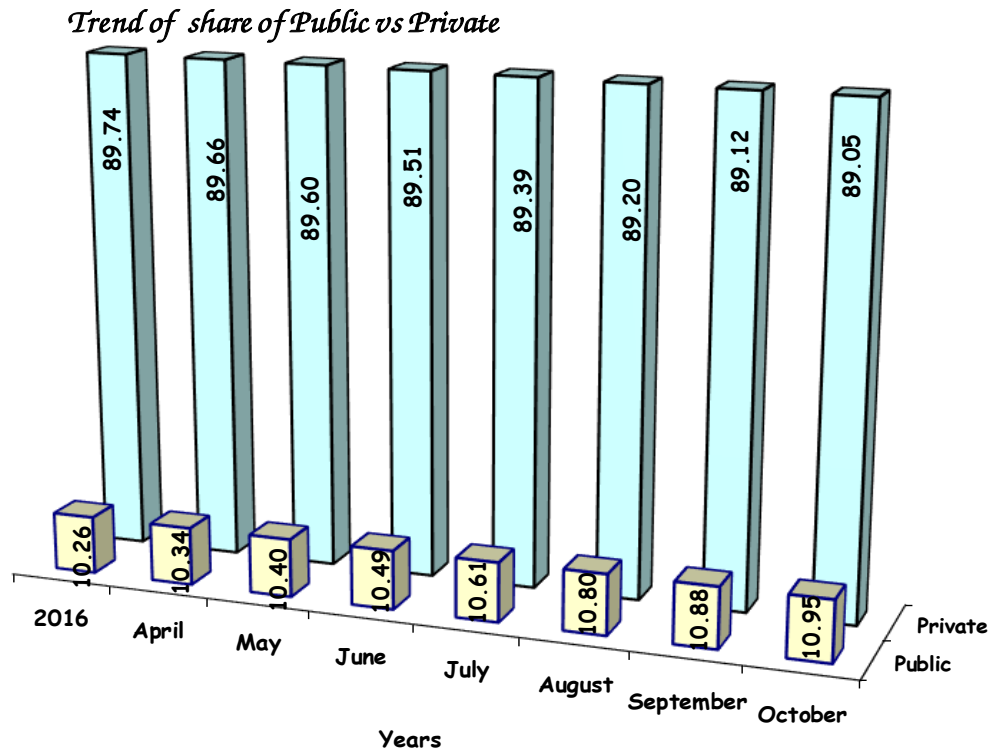
Telephones: Wireline vs Wireless

Trend of share of Wireline vs Wireless



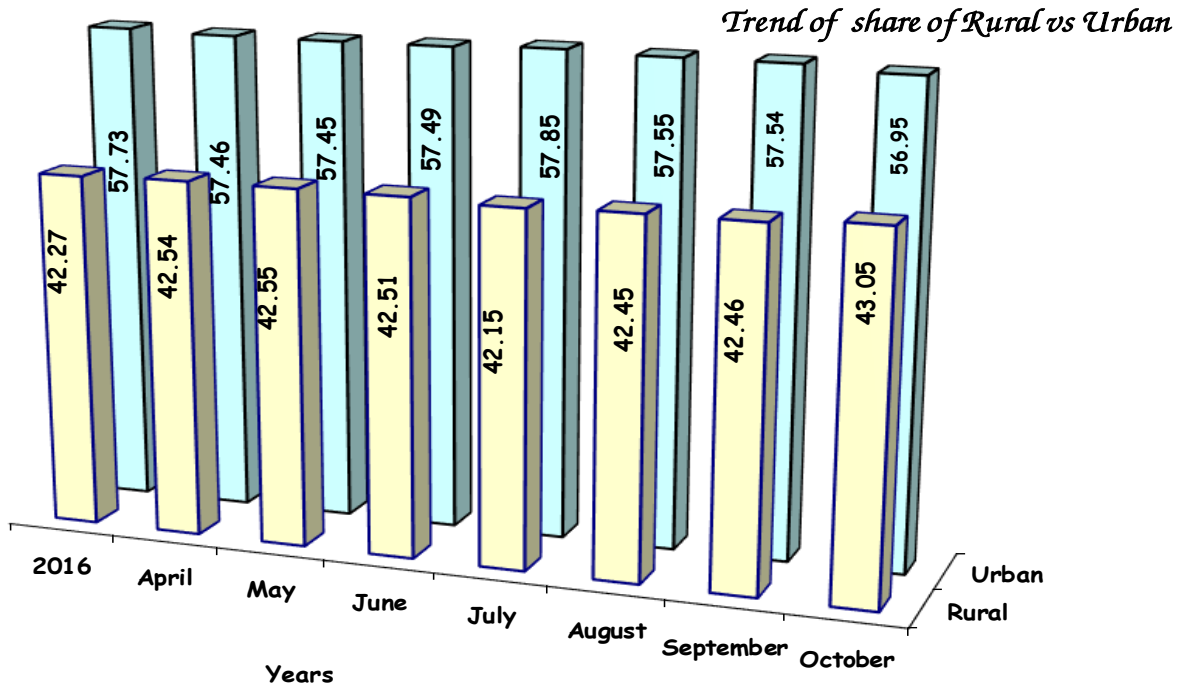
Year ending 31st March	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
2016	25224568	1034108663	1059333231	63203019	2.38	97.62	-5.15	6.66	6.34
2016-17									
April	25033938	1034708049	1059741987	408756	2.36	97.64	-0.76	0.06	0.04
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

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

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

Telephones: Service area-wise

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

1 Source: BSNL/MTNL/AUSPI/COA

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

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

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

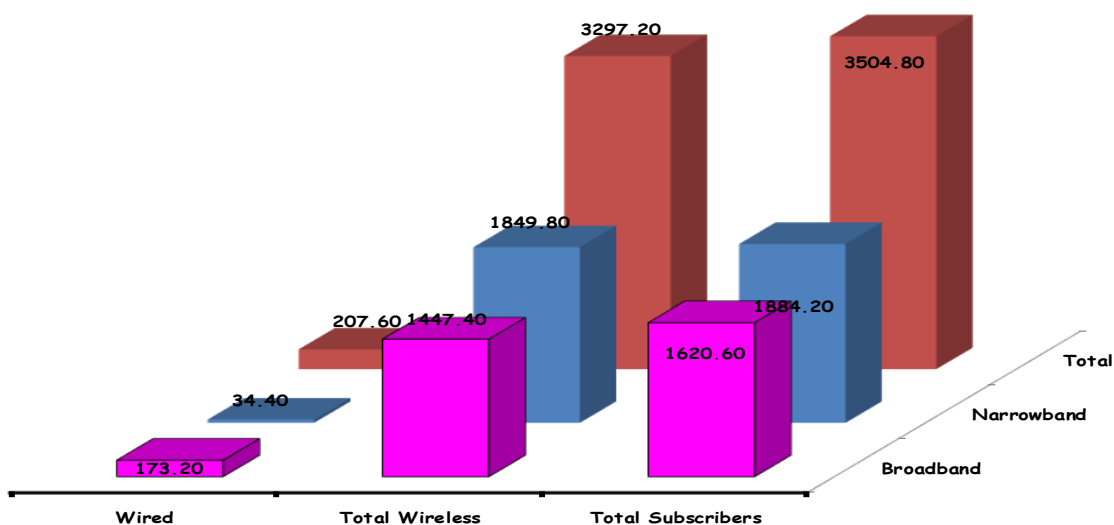
Internet Subscribers

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
	3023.50	3194.20	3249.50	3316.60	3426.50	3504.80

Internet Subscriber Base in India - June, 2016 * (in lakh)			
Segment	Wired	Total Wireless	Total
Broadband	173.20	1447.40	1620.60
Narrowband	34.40	1849.80	1884.20
Total	207.60	3297.20	3504.80
* As per the TRAI input			

Internet Subscribers - June 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
