

No. 18-01/2018-STT(T)
Government of India
Ministry of Communication
DEPARTMENT OF TELECOM
(STT - Section)

Dated: November 16, 2018

Subject: - Monthly Telecom Scenario as on 31st August'18.

Please find enclosed Monthly Telecom Scenario, which contains updated figures on various telecom parameters up to August'18.



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Adviser (F)

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Principal Adviser (Economics)

Economics Adviser

Monthly Telecom Scenario

August'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	August'18	July'18
Total Phones		1189.17	1179.44
Wireline	million	22.19	22.27
Wireless		1166.98	1157.17
Rural		521.53	520.46
Urban		667.64	658.98
Public		132.18	132.07
Private		1056.99	1047.37
Wireline %age to Total Phones		%age	1.87
Wireless %age to Total Phones	98.13		98.11
Rural %age to Total Phones	43.86		44.13
Urban %age to Total Phones	56.14		55.87
Public %age to Total Phones	11.12		11.20
Private %age to Total Phones	88.88		88.80
Overall Teledensity		91.11	90.45
Wireline Teledensity	%age	1.70	1.71
Wireless Teledensity		89.41	88.74
Rural Teledensity		58.57	58.49
Urban Teledensity		160.98	159.13
Public		10.13	10.13
Private		80.99	80.32
Teledensity: Top five Circles			
Himachal Pradesh	%age	144.70	143.58
Punjab		126.15	125.80
Kerala		124.70	124.17
Tamil Nadu		116.38	115.63
Karnataka		110.51	109.87
Teledensity: Metros			
Delhi	%age	234.88	233.23
Kolkata		168.94	167.40
Mumbai		163.28	155.62
Broadband	million	463.65	460.24



At the end of August'18, the total number of telephones was 1189.17 million, compared to 1179.44 million by the end of July'18 showing an increase of 9.73 million. Maximum rise in total telephone connections was recorded in Mumbai (1935854) followed by Bihar (1026007) and Madhya Pradesh (961251). However, Jammu & Kashmir recorded a fall in telephone connections over previous month, with a decrease of 172445.

Total Telephones : Service Area wise						
Service Area	March'18	April'18	May'18	June'18	July'18	August'18
ANDHRA PRADESH	87241623	87972697	86041407	87132426	87447489	88039871
ASSAM	25516825	25946488	20735274	21167817	21533213	21693336
BIHAR	88930443	89782944	83006614	84856104	86757474	87783481
GUJARAT	73195847	73254343	72021557	72044369	71582535	71852115
HARYANA	23885096	26891430	26967918	27419180	27761277	28022120
HIMACHAL PRADESH	12578747	9914485	10038773	10209877	10377745	10465805
JAMMU & KASHMIR	13839800	14241662	10890338	11163003	11547024	11374579
KARNATAKA	69221205	69914000	67903992	68878202	69925268	70381285
KERALA	43975326	44346323	44340211	44945671	44974167	45185874
MADHYA PRADESH	71471417	72568344	73128238	74595496	75958226	76919477
MAHARASHTRA	96334317	96505211	95142369	95877056	96056771	96509279
NORTH-EAST	13974925	14516831	11461081	11685884	11875670	11973597
ORISSA	34649966	35151325	31688695	32217720	33145196	33417343
PUNJAB	39002089	39299898	38811481	39322840	39884712	40027400
RAJASTHAN	65840348	66706229	61603897	62591756	63605758	64150970
TAMIL NADU	98012845	100432426	82100944	83511141	83249996	83826747
UTTAR PRADESH - [East]	104613364	105889423	100258186	101752705	101691377	102499940
UTTAR PRADESH - [West]	63791171	64638595	64333647	63893659	64934694	65140662
WEST BENGAL	59153123	60267730	56556782	57665459	58835060	58899028
KOLKATA	29606310	30322376	26468509	26888086	27177176	27449773
DELHI	57453739	58314198	52136504	52807164	53153069	53654906
MUMBAI	39507941	39988041	37900004	38382354	37964098	39899952
TOTAL	1211796467	1226864999	1153536421	1169007969	1179437995	1189167540

1 Source: BSNL/MTNL/COAI



The telecom Service area-wise analysis reveals that Uttar Pradesh - [East] has the highest share in the total telephones (8.62%) followed by Maharashtra (8.12%), Andhra Pradesh (7.40%), Bihar (7.38%) and Tamil Nadu (7.05%). These five Service areas taken together have a share of 38.57% in the total telephone connections in India.

Telephones during the month of August'18				
Service Area	Wireline	Wireless	Total Phones	%age Share Total Phones
ANDHRA PRADESH	1438367	86601504	88039871	7.40
ASSAM	128555	21564781	21693336	1.82
BIHAR	248374	87535107	87783481	7.38
GUJARAT	1224559	70627556	71852115	6.04
HARYANA	289121	27732999	28022120	2.36
HIMACHAL PRADESH	121025	10344780	10465805	0.88
JAMMU & KASHMIR	109129	11265450	11374579	0.96
KARNATAKA	2179102	68202183	70381285	5.92
KERALA	1919253	43266621	45185874	3.80
MADHYA PRADESH	926211	75993266	76919477	6.47
MAHARASHTRA	1547795	94961484	96509279	8.12
NORTH-EAST	108113	11865484	11973597	1.01
ORISSA	255620	33161723	33417343	2.81
PUNJAB	821308	39206092	40027400	3.37
RAJASTHAN	573262	63577708	64150970	5.39
TAMIL NADU	2250605	81576142	83826747	7.05
UTTAR PRADESH - [East]	480447	102019493	102499940	8.62
UTTAR PRADESH - [West]	305852	64834810	65140662	5.48
WEST BENGAL	257340	58641688	58899028	4.95
KOLKATA	752822	26696951	27449773	2.31
DELHI	3195073	50459833	53654906	4.51
MUMBAI	3055437	36844515	39899952	3.36
TOTAL	22187370	1166980170	1189167540	100.00

1 Source: BSNL/MTNL/COAI



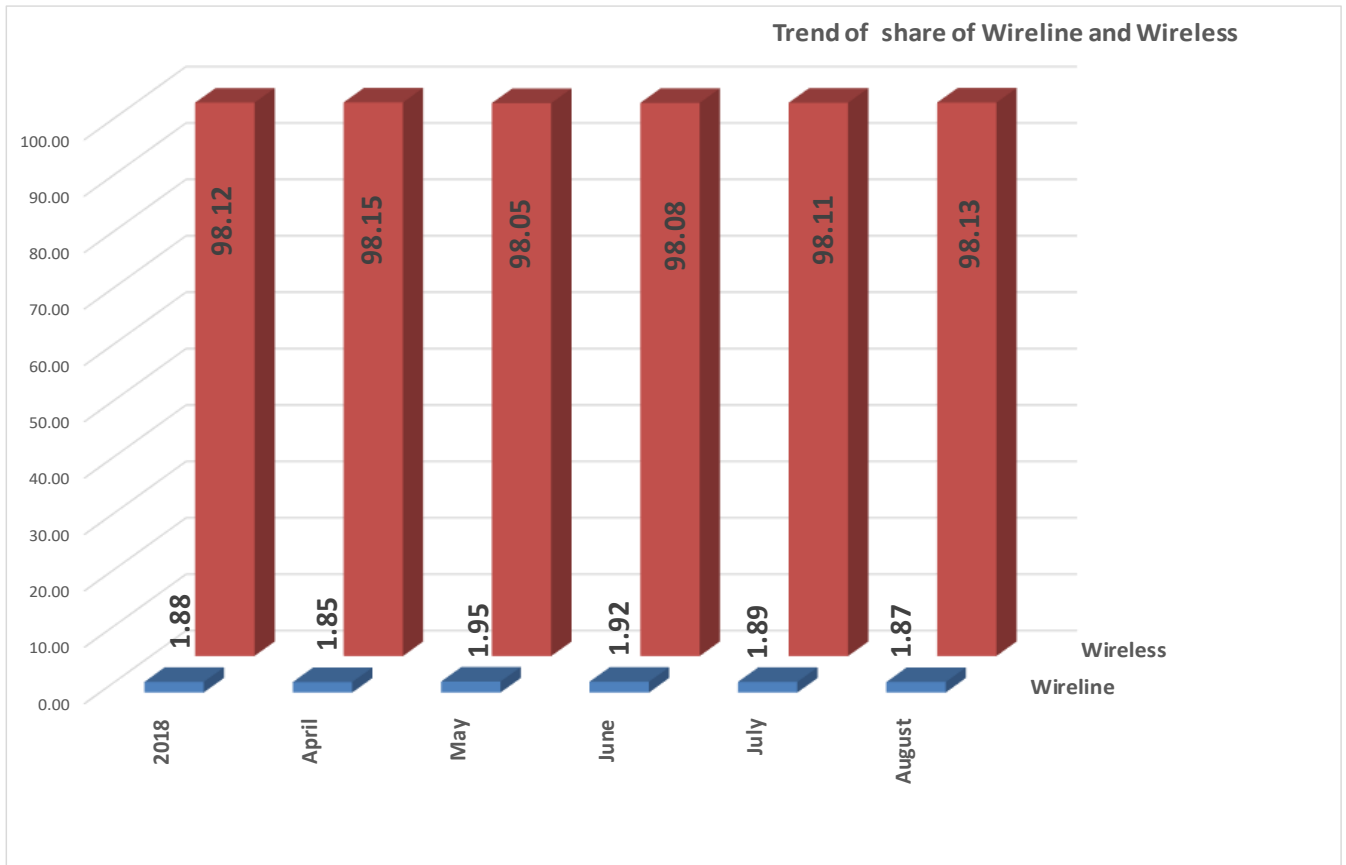
The overall tele-density at the end of August'18 was 91.11%. Rural and urban tele-density was 58.57% and 160.98% respectively. Among the Service areas, Himachal Pradesh (144.70%) has the highest tele-density followed by Punjab (126.15%), Kerala (124.70%), Tamil Nadu (116.38%) and Karnataka (110.51%). Among the three metros, Delhi Service Area tops in tele-density with 234.88%, followed by Kolkata (168.94%) and Mumbai (163.28%).

Teledensity : Service Area wise (in %age)						
Service Area	March'18	April'18	May'18	June'18	July'18	August'18
ANDHRA PRADESH	97.21	97.97	95.76	96.92	97.21	97.81
ASSAM	76.87	78.10	62.35	63.60	64.64	65.07
BIHAR	63.16	63.71	58.85	60.11	61.40	62.07
GUJARAT	112.45	112.44	110.45	110.39	109.58	109.89
HARYANA	84.44	94.97	95.13	96.62	97.71	98.52
HIMACHAL PRADESH	174.46	137.41	139.06	141.33	143.58	144.70
JAMMU & KASHMIR	109.19	112.28	85.79	87.88	90.83	89.40
KARNATAKA	109.05	110.07	106.83	108.30	109.87	110.51
KERALA	121.61	122.59	122.52	124.14	124.17	124.70
MADHYA PRADESH	67.02	67.98	68.43	69.73	70.93	71.75
MAHARASHTRA	95.50	95.59	94.16	94.82	94.92	95.29
NORTH-EAST	98.06	101.77	80.28	81.79	83.05	83.66
ORISSA	80.28	81.40	73.33	74.51	76.61	77.19
PUNJAB	123.45	124.28	122.63	124.14	125.80	126.15
RAJASTHAN	87.83	88.89	82.01	83.23	84.50	85.13
TAMIL NADU	136.36	139.67	114.13	116.04	115.63	116.38
UTTAR PRADESH - [East]	71.36	72.17	69.57	69.93	70.26	70.60
UTTAR PRADESH - [West]						
WEST BENGAL	73.73	75.07	70.40	71.74	73.14	73.18
KOLKATA	182.97	187.23	163.31	165.76	167.40	168.94
DELHI	254.49	257.69	229.85	232.25	233.23	234.88
MUMBAI	163.01	164.72	155.86	157.58	155.62	163.28
TOTAL	93.27	94.34	88.62	89.73	90.45	91.11

1. Source: BSNL/MTNL/COAI and O/o Registrar General

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.

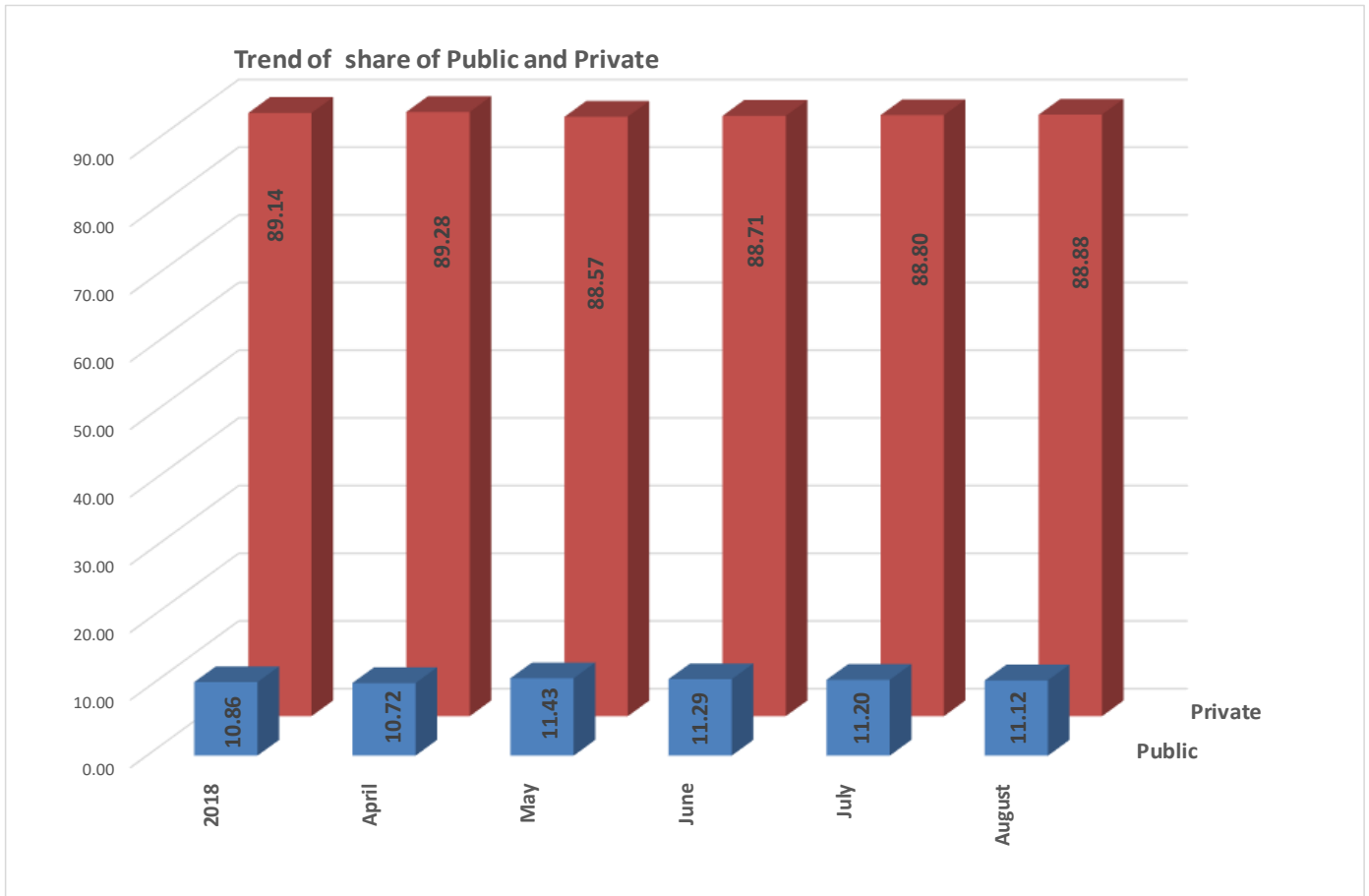
☞ The share of wireless segment in total connections stood at 98.13% by the end of August'18. The share of wireline telephones stood at 1.87%.



Telephones: Wireline vs Wireless

Year ending 31st March	Telephones			Additions	Share% age		% age Growth		
	Wireline	Wireless	Total		Wireline	Wireless	Wireline	Wireless	Overall
2018	22810716	1188985751	1211796467	16808407	1.88	98.12	-6.52	1.57	1.41
2018-19									
April	22641689	1204223310	1226864999	15068532	1.85	98.15	-0.74	1.28	1.24
May	22508336	1131028085	1153536421	-73328578	1.95	98.05	-0.59	-6.08	-5.98
June	22395303	1146612666	1169007969	15471548	1.92	98.08	-0.50	1.38	1.34
July	22272252	1157165743	1179437995	10430026	1.89	98.11	-0.55	0.92	0.89
August	22187370	1166980170	1189167540	9729545	1.87	98.13	-0.38	0.85	0.82

☞ In August'18, Public sector's share in total telephones was 11.12%, as against 88.88% share of the private sector.

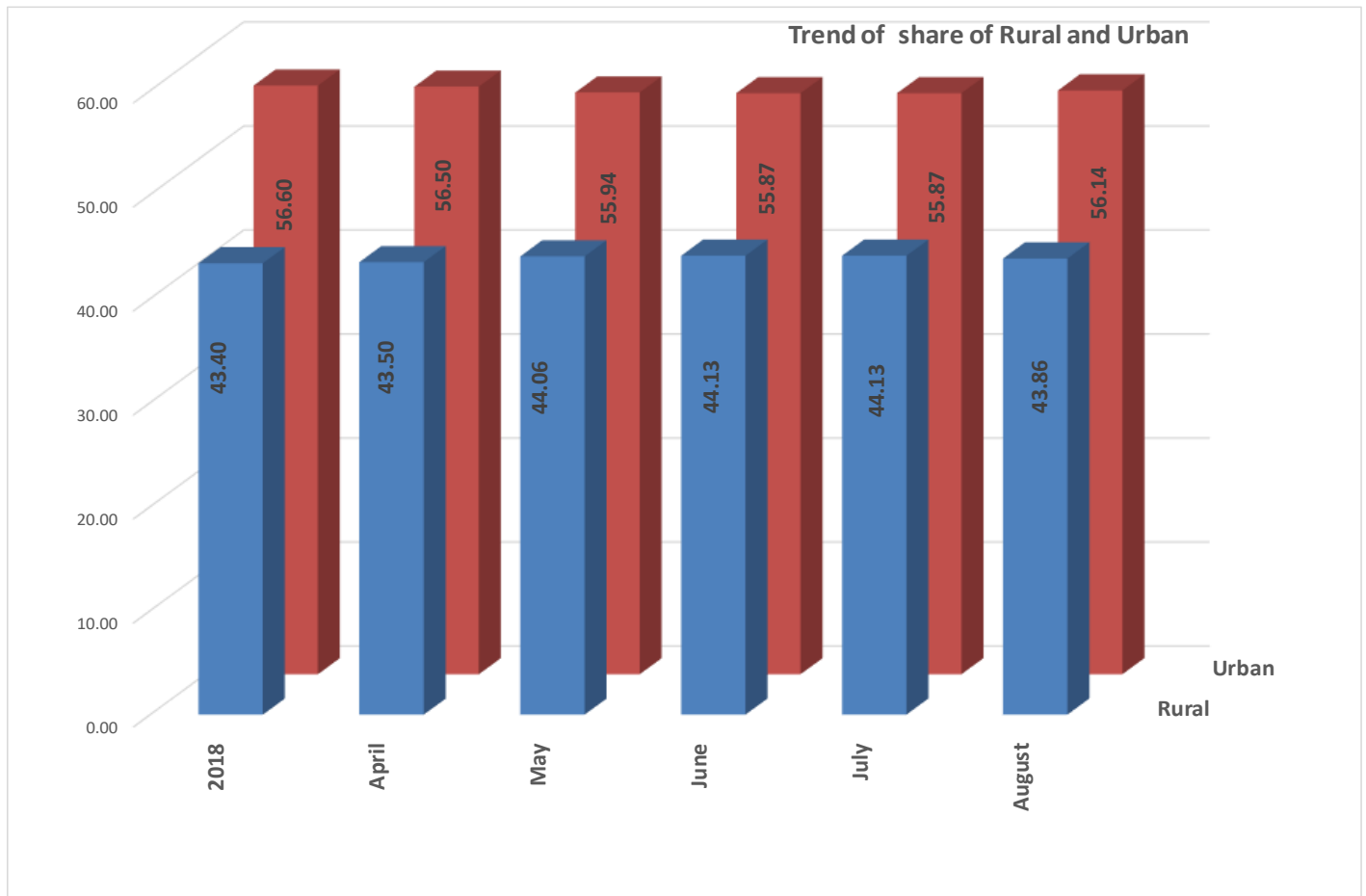


Telephones: Public vs. Private

Year ending 31st March	Telephones			Additions		Share% age		% age Growth	
	Public	Private	Total	Public	Private	Public	Private	Public	Private
2018	131655262	1080141205	1211796467	9477923	7330484	10.86	89.14	7.76	0.68
2018-19									
April	131495571	1095369428	1226864999	-159691	15228223	10.72	89.28	-0.12	1.41
May	131853133	1021683288	1153536421	357562	-73686140	11.43	88.57	0.27	-6.73
June	131962915	1037045054	1169007969	109782	15361766	11.29	88.71	0.08	1.50
July	132071285	1047366710	1179437995	108370	10321656	11.20	88.80	0.08	1.00
August	132181397	1056986143	1189167540	110112	9619433	11.12	88.88	0.08	0.92



In the month of August'18, the share of rural areas in total telephones decreased to 43.86% against 44.13% of July'18. The share of urban areas increased and stood at 56.14% against 55.87% of July'18.



Telephones: Rural vs. Urban

Year ending 31st March	Telephones			Additions		Share% age		% age Growth	
	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
2018	525869058	685927409	1211796467	24062515	-7254108	43.40	56.60	4.80	-1.05
2018-19									
April	533731736	693133263	1226864999	7862678	7205854	43.50	56.50	1.50	1.05
May	508300918	645235503	1153536421	-25430818	-47897760	44.06	55.94	-4.76	-6.91
June	515907423	653100546	1169007969	7606505	7865043	44.13	55.87	1.50	1.22
July	520458580	658979415	1179437995	4551157	5878869	44.13	55.87	0.88	0.90
August	521532905	667634635	1189167540	1074325	8655220	43.86	56.14	0.21	1.31

☞ Overall teledensity for the month of August'18 reached to 91.11%. It was 90.45% in July'18. The Teledensity for wireless segment was 89.41% whereas that of wireline segment is 1.70%. Teledensity reported in rural areas was 58.57% and teledensity for the urban areas was 160.98%. In Public sector, teledensity was 10.13% and in Private sector, it was 80.99% for the month of August'18.

Tele-density

Year ending 31st March	Teledensity (%age)						
	Rural	Urban	Overall	Wireline	Wireless	Public	Private
2018	59.25	166.64	93.27	1.76	91.51	10.13	83.14
2018-19							
April	60.09	168.14	94.34	1.74	92.60	10.11	84.23
May	57.19	156.28	88.62	1.73	86.90	10.13	78.49
June	58.01	157.95	89.73	1.72	88.01	10.13	79.60
July	58.49	159.13	90.45	1.71	88.74	10.13	80.32
August	58.57	160.98	91.11	1.70	89.41	10.13	80.99

☞ The number of Internet subscribers (both broadband and narrowband put together) which was 422.18 million at the end of March, 2017 increased to 512.27 million by the end of June'18. The number of subscribers accessing internet via wireless phones was 491.10 million at the end of June'18. The number of wired Internet subscribers was 21.17 million at the end of June'18.

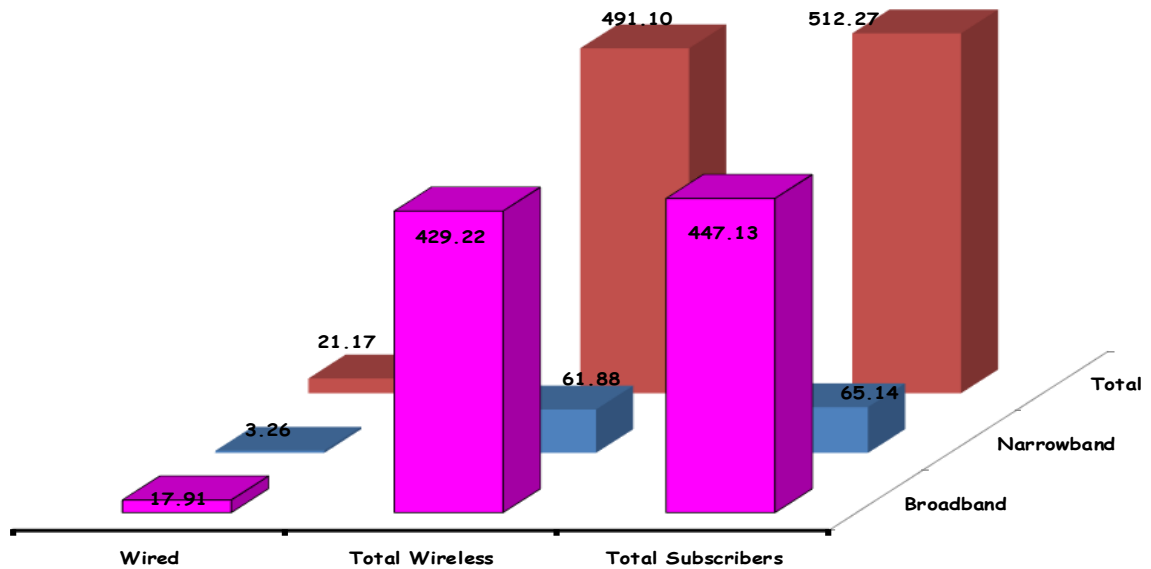
Trend of Internet Subscribers

Total Internet Subscribers (Includes wired, fixed Wireless and Mobile Wireless)	March'17	June'17	September'17	December'17	March'18	June'18
	422.18	431.21	429.25	445.96	493.95	512.27
Quarterly Growth (in Percentage)	7.84	2.14	-0.45	3.89	10.76	3.71

Internet Subscriber Base in India - June'18 * (in million)			
Segment	Wired	Total Wireless	Total
Broadband	17.91	429.22	447.13
Narrowband	3.26	61.88	65.14
Total	21.17	491.10	512.27

* As per the TRAI input

Internet Subscribers - June 2018 (in millions)



☞ The number of Broadband subscribers was 463.65 million at the end of August'18 as compared to 460.24 million in July'18, showing an increase of 0.74%.

At the end of	Wired	Total Wireless	Total Subscribers
January'18	17.87	360.23	378.10
February'18	17.72	374.34	392.06
March'18	17.95	394.65	412.60
April'18	17.97	401.83	419.80
May'18	17.94	414.06	432.00
June'18	17.90	429.22	447.12
July'18	17.95	442.29	460.24
August'18	18.02	445.63	463.65
