



To

All Chief General Managers,
BSNL Telecom Circles/ Metro Distts.

No. 1-2(1)/Market Share/2020-CP&M

Dated: 19.11.2020

01.12.2020

Sub: Tele-density and Market Share Report as on 31.08.2020

During Aug 2020, the total telephone connections & total wireless telephone connections in the country have increased by 2.13 million & 2.06 million respectively, taking the total telephone connections in the country to 1.17 billion (As on 31.08.2020). Achievement of BSNL's (-) 15.61 Lakhs vs. Jio's 20.25 Lakhs, Vodafone-Idea (-) 12.09 Lakhs & Bharti's 29.42 Lakhs in the total telephone connection during Aug 2020 (As per TRAI & BSNL MIS Report). Further, 1.29 million broadband (wired) connections increased taking the total broadband (wired) connections in the country to 20.47 million as on 31.08.2020. The tele-density & market share of all telecom operators is prepared based on TRAI and BSNL MIS report & is enclosed as Annexure-1 to 11.

(As per TRAI Note: 1-M/s Bharti Airtel Ltd has reported the wireless subscribers including the Subscribers of M/s Tata teleservices Ltd) 2). VirtualNetwork Operator (VNO) of BSNL has started reporting of its subscribers from the month of October, 2018 and the same has been included in the subscriber base of BSNL.)

From the two reports, it is seen that:

1.0 For total telephone connections: (Annexure-4)

- 1.1 The total telephone connections as on 31.08.2020 are 1167.79 million, out of which 126.81 million are provided by BSNL.
- 1.2 BSNL has been at 04th position as an operator with Market share of 10.86%. BSNL, market share has decreased from 11.01% to 10.86% during the month of Aug 2020 and decreased from 10.92 % to 10.86% during 2020-21 (up to 31.08.2020).
- 1.3 BSNL's telephone connections have decreased by 15.61 lakhs during the month of Aug 2020 and decreased by 17.96 lakh during the year 2020-21 (up to 31.08.2020).

(Source: MIS & TRAI, As on: Aug 2020)

2.0 For Wireless connections(Annexure-5/6)

2.1 For Wireless Service:

- 2.1.1 The total connections as on 31.08.2020 are 1147.90 million, out of which 118.89 million are provided by BSNL.
- 2.1.2 BSNL has been at 04th position as an operator with Market share of 10.36%, while its GSM's Market share is 15.95%.
- 2.1.3 BSNL's connections have decreased by 14.63 Lakhs during the month of Aug-2020 and decreased by 9.93 Lakhs during 2020-21 (up to 31.08.2020).
- 2.1.4 The Wireless industry has decreased by .85% in terms of connections during 2020-21 (up to 31.08.2020) relatively, BSNL's connections has decreased by .83%.
- 2.1.5 As per TRAI report, Virtual Network Operator (VNO) of BSNL has reported its subscriber from the month of October 2018 to Aug 2020 are 92280.

(Source: MIS & TRAI, As on: Aug 2020)

2.2 Proportion of VLR subscribers:

- 2.2.1 The graphical depiction of proportion of VLR Subscribers, service provider wise is given at Annexure-11.
- 2.2.2 The total VLR Subscribers as on 31.08.2020 is 957.39 million, which is approximately 83.40% of total wireless telephone connections.

- 2.2.3 In terms of %age of active subscriber, BSNL is at 05th position with 52.05% active connections.
2.2.4 Bharati-Airtel leads the list in % age of active subscriber with 96.85%, followed by Vodafone-Idea 88.18% and Jio 78.86%.

(Source: TRAI, As on: Aug 2020)

3.0 For Broadband(wired) services:

- 3.1 The total connections as on 31.08.2020 are 20.47 million, out of which 7.85 million are provided by BSNL.
3.2 BSNL Broadband connection decreased by 0.23 million during the month of Aug 2020 whereas total increase in Broadband connection for all operator is 1.29 million.
3.3 BSNL has been at 1st position as an operator with Market share of 38.35 % as on 31.08.2020. BSNL market share has decreased from 39.05% to 38.35% during the month of Aug-2020.

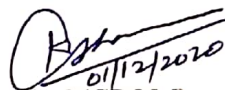
(Source: TRAI, As on: Aug 2020)

4.0 Summary (Annexure- 4, 5 & BB):

- 4.1 The Tele-density in the country is 83.14% with Delhi License area at top (211.74%) and Bihar License area at lowest (55.39%) as on 31.08.2020. The Broadband (wired)-density in the country is 1.46% out of which BSNL has provided 0.56% as on 31.08.2020
4.2 In total telephone connections-Kerala circle is top ranked circles in BSNL followed by T.N and UP-(E) circle. Whereas among all operator License area wise, Kerala is 2nd ranked in the state with BSNL market share of 26.83 %, and HP circle is 3rd ranked in the state with market share of 27.96 %.
4.3 In wireless telephone connections-U.P-E Circle is top ranked circles in BSNL followed by T.N and Kerala circle. However in terms of market share contribution within the state, Kerala circle is ranked 2nd and have 24.73% of BSNL share and HP circle is 3rd in state with BSNL market share of 27.41%.

(Source: MIS& TRAI, As on: Aug 2020)

This is issued with the approval of CMD BSNL


01/12/2020
AGM (CP&M)

Copy to:

BSNL Intranet Portal with all Annexures.

(Note: Due to Environment protection & Austerity measures, the circulation of physical copies of Annexures mention in this letter have been stopped.)

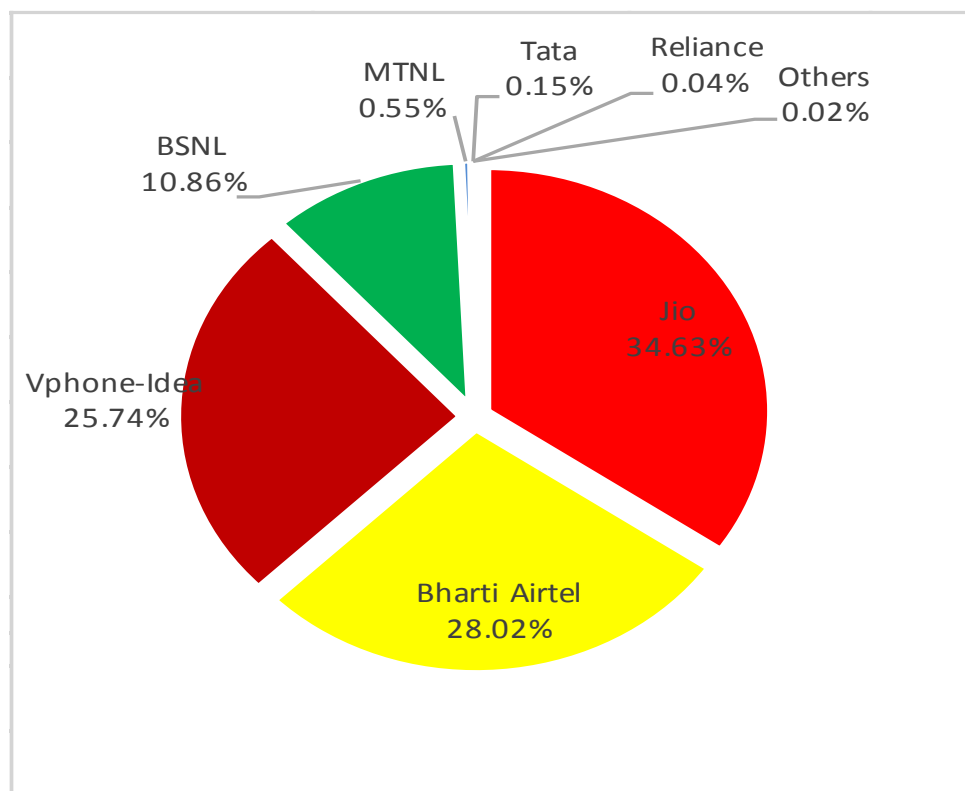
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Market Share in Total Telephone Conn. as on 31.08.2020



Working Connections % age of
(in Million) Market share

Jio	404.44	34.63
Bharti Airtel	327.18	28.02
Vphone-Idea	300.63	25.74
BSNL	126.81	10.86
MTNL	6.39	0.55
Tata	1.70	0.15
Reliance	0.44	0.04
Others	0.18	0.02
Total	1167.79	100.00



Source: TRAI Report

Annexure-1

No. 1-2(1)/Market Share/2020-CP&M

Sub:- Tele-density Circlewise urban Rural Area & All operators as on 31.08.2020.

Population in thousands																	
S. No.	Name of Circle	No. of DELs of BSNL			PSU DELs license Areawise	Total Pvt Opr	Grand Total	% Tele density			% Tele density		% Market share of BSNL	Popul License areawise	Population August -2020 (in thousand)		
		Urban	Rural	Total				BSNL Urban	BSNL Rural	BSNL Total	PSU	All Operator			Total	Urban	Rural
1	Andaman & Nicobar	136,804	90,788	227,592	#	#	#	74.07	26.49	43.15					527	185	343
2	Andhra Pradesh	5,011,105	5,430,428	10,441,533	10,441,533	77,435,506	87,877,039	20.90	7.67	11.02	11.02	92.71	11.88	94,785	94,785	23973	70812
3	Assam	1,900,864	1,052,932	2,953,796	2,953,796	20,789,075	23,742,871	39.42	3.41	8.26	8.26	66.42	12.44	35,745	35,745	4822	30923
4	Bihar	2,722,798	1,587,514	4,310,312	5,926,680	78,476,112	84,402,792	23.50	1.53	3.73	3.89	55.39	7.02	152,373	115,424	11586	103838
5	Chhattisgarh	1,449,318	798,280	2,247,598	#	#	0	20.01	3.62	7.67					29,292	7243	22049
6	Gujarat	4,451,983	2,208,985	6,660,968	6,660,968	61,346,822	68,007,790	14.27	5.61	9.44	9.44	96.38	9.79	70,562	70,562	31192	39370
7	Haryana	4,736,572	488,317	5,224,889	5,224,889	22,475,066	27,699,955	38.40	2.60	16.80	16.80	89.05	18.86	31,106	31,106	12336	18770
8	Himachal Pradesh	944,791	2,138,804	3,083,595	3,083,595	7,944,789	11,028,384	96.10	32.19	40.42	40.42	144.58	27.96	7,628	7,628	983	6645
9	Jammu & Kashmir	1,227,292	130,236	1,357,528	1,357,528	10,442,660	11,800,188	30.47	1.35	9.92	9.92	86.19	11.50	13,690	13,690	4028	9662
10	Jharkhand	1,170,151	446,217	1,616,368	#	#	0	14.28	1.55	4.37					36,949	8197	28752
11	Karnataka	6,039,723	2,047,324	8,087,047	8,087,047	60,884,906	68,971,953	26.32	4.58	11.96	11.96	102.02	11.73	67,606	67,606	22944	44662
12	Kerala	6,854,367	5,412,990	12,267,357	12,267,357	33,457,927	45,725,284	76.66	18.77	32.48	32.48	121.05	26.83	37,774	37,774	8941	28833
13	Madhya Pradesh	2,936,385	1,476,763	4,413,148	6,660,746	69,289,380	75,950,126	11.21	2.42	5.05	5.71	65.13	8.77	116,609	87,316	26201	61116
14	Maharashtra	5,039,827	2,802,473	7,842,300	7,842,300	85,643,946	93,486,246	14.97	3.49	6.88	6.88	82.05	8.39	113,934	113,934	33676	80258
15	North East - 1	938,009	87,537	1,025,546	1,445,994	10,576,685	12,022,679	41.43	1.43	12.22	9.47	78.71	12.03	15,274	8,395	2264	6130
16	North East - 2	298,495	121,953	420,448	#	#	0	16.49	2.41	6.11					6,879	1810	5069
17	Orissa	3,246,129	3,287,279	6,533,408	6,533,408	26,943,632	33,477,040	37.15	8.94	14.35	14.35	73.54	19.52	45,524	45,524	8738	36786
18	Punjab	5,486,999	627,232	6,114,231	6,114,231	33,267,981	39,382,212	43.53	2.92	17.92	17.92	115.43	15.53	34,119	34,119	12604	21515
19	Rajasthan	4,418,970	2,247,763	6,666,733	6,666,733	58,716,467	65,383,200	21.91	3.63	8.12	8.12	79.62	10.20	82,117	82,117	20165	61952
20	Tamilnadu	8,616,133	708,290	9,416,703	9,416,703	69,156,450	78,573,153	30.30	2.00	14.73	14.73	122.93	11.98	63,914	63,914	28434	35480
21	Uttaranchal	967,232	619,273	1,586,505	#	#	0	26.36	7.06	12.75					12,438	3669	8769
22	Uttarpradesh East	8,522,681	3,384,987	11,907,668	11,907,668	86,384,391	98,292,059	27.95	2.43	7.01	7.01	57.85	12.11	169,908	169,908	30492	139416
23	Uttarpradesh West	3,558,542	1,059,645	4,618,187	6,204,692	56,641,154	62,845,846	13.18	2.06	5.89	6.83	69.18	9.87	90,844	78,406	26997	51408
24	West Bengal	1,192,335	1,174,427	2,366,762	2,594,354	52,074,899	54,669,253	11.03	1.56	2.75	3.00	63.15	4.75	86,565	86,037	10812	75225
25	Kolkatta	2,638,053	0	2,638,053	2,638,053	24,190,992	26,829,045	17.15		17.15	17.15	174.40	9.83	15,383	15,383	15383	0
26	Chennai	2,486,849	297,948	2,784,797	2,784,797	0	2,784,797	22.25		24.92	24.92	24.92	100.00	11,177	11,177	11177	0
	Total	86,992,407	39,728,385	126,813,072	126,813,072	946,138,840	1,072,951,912	23.58	4.02	9.35	9.35	79.09	11.82	1,356,634	1,356,634	368853	987780
27	Delhi				3,542,111	51,914,844	55,456,955				13.52	211.74		26,191	26,191	25499	692
28	Mumbai				2,851,503	36,527,352	39,378,855				13.05	180.28		21,843	21,843	21843	0
	G. Total	86,992,407	39,728,385	126,813,072	133,206,686	1,034,581,036	1,167,787,722	23.58	4.02	9.35	9.48	83.14	10.86	1,404,668	1,404,668	416,196	988,472
	Percentage Contribu	7.45	3.40	10.86	11.41	88.59	100.00										

Note: #

(1) West Bengal Telecom Circle Licensing Area includes A & N Circle

(2) NE-1 Telecom Circle Licensing Area includes NE-2 Circle

(3) UP(W) Licensing Area includes Uttaranchal Circle

(4) M.P. Licensing Area includes Chhatisgarh Circle

(5) Bihar Licensing area includes Jharkhand Circle.

(6) Andhra Licensing area includes Telangana Circle

Source:BSNL-MIS-Report Reports

Annexure-2

No. 1-2(1)/Market Share/2020-CP&M

Sub:- Total telephones connections operatorwise & Market Share as on 31.08.2020.

S. No.	Name of Operator	Telephone Connections (in Million)					%age Telephone Market Share				
		Wired Line	Wireless			Grand Total	Wiredline	Wireless			Grand Total
			GSM	LTE	Total			GSM	LTE	Total	
1	BSNL	7.92	118.89		118.89	126.81	39.84	15.95		10.36	10.86
2	Bharti Airtel	4.35	322.83		322.83	327.18	21.86	43.32		28.12	28.02
3	Reliance Telecom	0.42	0.02		0.02	0.44	2.13	0.00		0.00	0.04
4	Vphone-Idea	0.48	300.15		300.15	300.63	2.43	40.28		26.15	25.74
5	Tata Indicom	1.70			0.00	1.70	8.57	0.00		0.00	0.15
6	MTNL	3.05	3.34		3.34	6.39	15.34	0.45		0.29	0.55
7	Jio	1.77		402.67	402.67	404.44	8.92		100.00	35.08	34.63
8	Quadrant Televentures	0.18			0.00	0.18	0.90			0.00	0.02
	Total	19.89	745.23	402.67	1,147.90	1,167.79	100.00	100.00	100.00	100.00	100.00
BSNL operational area		13.62	689.66	369.67	1,059.33	1,072.95					
% Share of BSNL All India		39.84	15.95		10.36	10.86					
% Share of BSNL in own operational area		58.17	17.24		11.22	11.82					

Sub.:%age contribution of BSNL in telephone connection achievement during 2020-21

S. No.	Name of circle	By All Operators						By All Operators					
		31.03.2020						present month					
		Wireline	Wireless				Total	Wireline	Wireless				Total
			WLL	GSM	LTE	Total			WLL	GSM	LTE	Total	
1	Andaman & Nicobar												
2	Andhra Pradesh	1,315,909	0	57,359,567	30,496,220	87,855,787	89,171,696	1,329,346	0	55,429,098	31,118,595	86,547,693	87,877,039
3	Assam	111,340	0	15,346,696	8,275,824	23,622,520	23,733,860	114,428	0	14,970,374	8,658,069	23,628,443	23,742,871
4	Bihar	176,374	0	55,197,801	29,526,256	84,724,057	84,900,431	182,858	0	53,274,278	30,945,656	84,219,934	84,402,792
5	Chhattisgarh	0	0	0	0	0	0	0	0	0	0	0	0
6	Gujarat	1,000,663	0	44,169,396	23,755,633	67,925,029	68,925,692	957,003	0	42,302,498	24,748,289	67,050,787	68,007,790
7	Haryana	264,235	0	18,327,042	9,347,510	27,674,552	27,938,787	282,370	0	18,006,789	9,410,796	27,417,585	27,699,955
8	Himachal Pradesh	98,484	0	7,170,118	3,620,570	10,790,688	10,889,172	92,331	0	7,060,834	3,875,219	10,936,053	11,028,384
9	Jammu & Kashmir	134,807	0	7,796,176	4,064,862	11,861,038	11,995,845	147,521	0	7,324,283	4,328,384	11,652,667	11,800,188
10	Jharkhand	0	0	0	0	0	0	0	0	0	0	0	0
11	Karnataka	2,146,975	0	47,310,191	20,318,123	67,628,314	69,775,289	2,169,330	0	46,067,933	20,734,690	66,802,623	68,971,953
12	Kerala	1,558,529	0	34,516,600	8,915,611	43,432,211	44,990,740	1,439,134	0	34,615,669	9,670,481	44,286,150	45,725,284
13	MP	669,418	0	44,716,749	30,517,136	75,233,885	75,903,303	637,044	0	43,213,498	32,099,584	75,313,082	75,950,126
14	Maharashtra	1,351,683	0	61,278,634	31,518,967	92,797,601	94,149,284	1,300,294	0	58,325,186	33,860,766	92,185,952	93,486,246
15	North East - 1	97,489	0	8,376,738	3,645,578	12,022,316	12,119,805	97,935	0	8,048,289	3,876,455	11,924,744	12,022,679
16	North East - 2	0	0	0	0	0	0	0	0	0	0	0	0
17	Orissa	209,999	0	20,816,003	12,515,137	33,331,140	33,541,139	202,612	0	19,872,383	13,402,045	33,274,428	33,477,040
18	Punjab	698,311	0	25,396,593	13,777,111	39,173,704	39,872,015	672,254	0	24,732,839	13,977,119	38,709,958	39,382,212
19	Rajasthan	488,574	0	40,988,422	24,547,174	65,535,596	66,024,170	471,230	0	40,105,953	24,806,017	64,911,970	65,383,200
20	Tamilnadu	1,569,213	0	55,900,692	23,724,399	79,625,091	81,194,304	1,543,011	0	52,932,690	24,097,452	77,030,142	78,573,153
21	Uttanchal	0	0	0	0	0	0	0	0	0	0	0	0
22	UP(E)	401,719	0	68,382,393	28,376,042	96,758,435	97,160,154	346,432	0	68,475,024	29,470,603	97,945,627	98,292,059
23	UP(W)	310,697	0	43,532,011	19,849,305	63,381,316	63,692,013	352,997	0	42,367,113	20,125,736	62,492,849	62,845,846
24	West Bengal	174,851	0	36,643,124	18,428,223	55,071,347	55,246,198	202,594	0	34,630,713	19,835,946	54,466,659	54,669,253
25	Kolkatta	654,881	0	15,709,129	10,024,019	25,733,148	26,388,029	662,397	0	15,535,093	10,631,555	26,166,648	26,829,045
26	Chennai	443,546	0	2,354,820	0	2,354,820	2,798,366	417,434	0	2,367,363	0	2,367,363	2,784,797
	Total	13,877,697	0	711,288,895	355,243,700	1,066,532,595	1,080,410,292	13,620,555	0	689,657,900	369,673,457	1,059,331,357	1,072,951,912
27	Delhi	3,267,863	0	35,138,115	18,259,352	53,397,467	56,665,330	3,201,130	0	33,546,691	18,709,134	52,255,825	55,456,955
28	Mumbai	3,072,527	0	23,815,457	14,013,751	37,829,208	40,901,735	3,065,505	0	22,027,644	14,285,706	36,313,350	39,378,855
	G. Total	20,218,087	0	770,242,467	387,516,803	1,157,759,270	1,177,977,357	19,887,190	0	745,232,235	402,668,297	1,147,900,532	1,167,787,722

Sub.:%age contributi

S. No.	Name of circle	By BSNL					By BSNL				
		31.03.2020					present month				
		Wireline	Wireless		Total	Total	Wireline	Wireless		Total	Total
			WLL	GSM				WLL	GSM		
1	Andaman & Nicobar										
2	Andhra Pradesh	754,108	0	9880476	9,880,476	10,634,584	695,193	0	9,746,340	9,746,340	10,441,533
3	Assam	95,015	0	2809624	2,809,624	2,904,639	90,548	0	2,863,248	2,863,248	2,953,796
4	Bihar	146,322	0	5628326	5,628,326	5,774,648	138,261	0	5,788,419	5,788,419	5,926,680
5	Chhattisgarh	0	0	0	0	0	0	0	0	0	0
6	Gujarat	643,726	0	6103193	6,103,193	6,746,919	556,577	0	6,104,391	6,104,391	6,660,968
7	Haryana	175,363	0	5003797	5,003,797	5,179,160	155,113	0	5,069,776	5,069,776	5,224,889
8	Himachal Pradesh	94,579	0	2991601	2,991,601	3,086,180	86,422	0	2,997,173	2,997,173	3,083,595
9	Jammu & Kashmir	120,470	0	1257282	1,257,282	1,377,752	106,282	0	1,251,246	1,251,246	1,357,528
10	Jharkhand	0	0	0	0	0	0	0	0	0	0
11	Karnataka	863,720	0	7318035	7,318,035	8,181,755	831,794	0	7,255,253	7,255,253	8,087,047
12	Kerala	1,445,592	0	10944293	10,944,293	12,389,885	1,316,646	0	10,950,711	10,950,711	12,267,357
13	MP	358,417	0	6368950	6,368,950	6,727,367	293,773	0	6,366,973	6,366,973	6,660,746
14	Maharashtra	877,812	0	7051528	7,051,528	7,929,340	824,339	0	7,017,961	7,017,961	7,842,300
15	North East - 1	90,954	0	1422503	1,422,503	1,513,457	84,381	0	1,361,613	1,361,613	1,445,994
16	North East - 2	0	0	0	0	0	0	0	0	0	0
17	Orissa	185,731	0	6227956	6,227,956	6,413,687	168,201	0	6,365,207	6,365,207	6,533,408
18	Punjab	314,234	0	5779360	5,779,360	6,093,594	276,932	0	5,837,299	5,837,299	6,114,231
19	Rajasthan	356,233	0	6273913	6,273,913	6,630,146	310,430	0	6,356,303	6,356,303	6,666,733
20	Tamilnadu	721,659	0	10341724	10,341,724	11,063,383	656,915	0	8,759,788	8,759,788	9,416,703
21	Uttanchal	0	0	0	0	0	0	0	0	0	0
22	UP(E)	277,783	0	11693543	11,693,543	11,971,326	187,605	0	11,720,063	11,720,063	11,907,668
23	UP(W)	209,990	0	5964689	5,964,689	6,174,679	177,484	0	6,027,208	6,027,208	6,204,692
24	West Bengal	162,457	0	2370619	2,370,619	2,533,076	181,277	0	2,413,077	2,413,077	2,594,354
25	Kolkatta	389,392	0	2096657	2,096,657	2,486,049	367,308	0	2,270,745	2,270,745	2,638,053
26	Chennai	443,546	0	2354820	2,354,820	2,798,366	417,434	0	2,367,363	2,367,363	2,784,797
	Total	8,727,103	0	119,882,889	119,882,889	128,609,992	7,922,915	0	118,890,157	118,890,157	126,813,072
27	Delhi	0.00	0.00	0.00	0	0	0	0	0	0	0
28	Mumbai	0.00	0.00	0.00	0	0	0	0	0	0	0
	G. Total	8,727,103	0	119,882,889	119,882,889	128,609,992	7,922,915	0	118,890,157	118,890,157	126,813,072

Sub.:%age contributi

S. No.	Name of circle	Achievement during 2020-21(upto 31.08.2020)										
		By All Operators						By BSNL				
		Wireline	Wireless				Total	Wireline	Wireless			Total
			WLL	GSM	LTE	Total			WLL	GSM	Total	
1	Andaman & Nicobar											
2	Andhra Pradesh	13,437	0	-1,930,469	622,375	-1,308,094	-1,294,657	-58,915	0	-134,136	-134,136	-193,051
3	Assam	3,088	0	-376,322	382,245	5,923	9,011	-4,467	0	53,624	53,624	49,157
4	Bihar	6,484	0	-1,923,523	1,419,400	-504,123	-497,639	-8,061	0	160,093	160,093	152,032
5	Chhattisgarh	0	0	0	0	0	0	0	0	0	0	0
6	Gujarat	-43,660	0	-1,866,898	992,656	-874,242	-917,902	-87,149	0	1,198	1,198	-85,951
7	Haryana	18,135	0	-320,253	63,286	-256,967	-238,832	-20,250	0	65,979	65,979	45,729
8	Himachal Pradesh	-6,153	0	-109,284	254,649	145,365	139,212	-8,157	0	5,572	5,572	-2,585
9	Jammu & Kashmir	12,714	0	-471,893	263,522	-208,371	-195,657	-14,188	0	-6,036	-6,036	-20,224
10	Jharkhand	0	0	0		0	0	0	0	0	0	0
11	Karnataka	22,355	0	-1,242,258	416,567	-825,691	-803,336	-31,926	0	-62,782	-62,782	-94,708
12	Kerala	-119,395	0	99,069	754,870	853,939	734,544	-128,946	0	6,418	6,418	-122,528
13	MP	-32,374	0	-1,503,251	1,582,448	79,197	46,823	-64,644	0	-1,977	-1,977	-66,621
14	Maharashtra	-51,389	0	-2,953,448	2,341,799	-611,649	-663,038	-53,473	0	-33,567	-33,567	-87,040
15	North East - 1	446	0	-328,449	230,877	-97,572	-97,126	-6,573	0	-60,890	-60,890	-67,463
16	North East - 2	0	0	0	0	0	0	0	0	0	0	0
17	Orissa	-7,387	0	-943,620	886,908	-56,712	-64,099	-17,530	0	137,251	137,251	119,721
18	Punjab	-26,057	0	-663,754	200,008	-463,746	-489,803	-37,302	0	57,939	57,939	20,637
19	Rajasthan	-17,344	0	-882,469	258,843	-623,626	-640,970	-45,803	0	82,390	82,390	36,587
20	Tamilnadu	-26,202	0	-2,968,002	373,053	-2,594,949	-2,621,151	-64,744	0	-1,581,936	-1,581,936	-1,646,680
21	Uttanchal	0	0	0	0	0	0	0	0	0	0	0
22	UP(E)	-55,287	0	92,631	1,094,561	1,187,192	1,131,905	-90,178	0	26,520	26,520	-63,658
23	UP(W)	42,300	0	-1,164,898	276,431	-888,467	-846,167	-32,506	0	62,519	62,519	30,013
24	West Bengal	27,743	0	-2,012,411	1,407,723	-604,688	-576,945	18,820	0	42,458	42,458	61,278
25	Kolkatta	7,516	0	-174,036	607,536	433,500	441,016	-22,084	0	174,088	174,088	152,004
26	Chennai	-26,112	0	12,543	0	12,543	-13,569	-26,112	0	12,543	12,543	-13,569
	Total	-257,142	0	-21,630,995	14,429,757	-7,201,238	-7,458,380	-804,188	0	-992,732	-992,732	-1,796,920
27	Delhi	-66,733	0	-1,591,424	449,782	-1,141,642	-1,208,375	0	0	0	0	0
28	Mumbai	-7,022	0	-1,787,813	271,955	-1,515,858	-1,522,880	0	0	0	0	0
	G. Total	-330,897	0	-25,010,232	15,151,494	-9,858,738	-10,189,635	-804,188	0	-992,732	-992,732	-1,796,920

No. 1-2(1)/Market Share/2020-CP&M

Sub:- Total telephones Operator & Circlewise as on 31/08/2020.

S. No.	Name of Circle	Rank	Name of Operator	MS	MTNL	MS	Total PSU	Bharti	MS	Reliance	MS	Vphone-Idea	MS	Tata Tele	MS	Quadrant Televentures Ltd.	MS	Jio	MS	Total Pvt Opr	Grand Total	% Share of BSNL
			BSNL License Area-wise																			
1	Andaman & Nicobar																			0	0	
2	Andhra Pradesh	4	10,441,533	11.88		0.00	10,441,533	29,250,261	33.29	27,089	0.03	16,707,695	19.01	161,563	0.18			31,288,898	36	77,435,506	87,877,039	11.88
3	Assam	4	2,953,796	12.44		0.00	2,953,796	8,387,563	35.33	0	0.00	3,723,043	15.68	0	0.00			8,678,469	37	20,789,075	23,742,871	12.44
4	Bihar	4	5,926,680	7.02		0.00	5,926,680	34,163,354	40.48	1,505	0.00	13,323,911	15.79	7,837	0.01			30,979,505	37	78,476,112	84,402,792	7.02
5	Chhattisgarh																	0		0	0	
6	Gujarat	4	6,660,968	9.79		0.00	6,660,968	10,360,757	15.23	7,884	0.01	25,981,294	38.20	82,068	0.12			24,914,819	37	61,346,822	68,007,790	9.79
7	Haryana	3	5,224,889	18.86		0.00	5,224,889	4,739,122	17.11	1,043	0.00	8,225,065	29.69	36,880	0.13			9,472,956	34	22,475,066	27,699,955	18.86
8	Himachal Pradesh	3	3,083,595	27.96		0.00	3,083,595	3,243,177	29.41	794	0.01	820,410	7.44	1,879	0.02			3,878,529	35	7,944,789	11,028,384	27.96
9	Jammu & Kashmir	3	1,357,528	11.50		0.00	1,357,528	5,502,994	46.63	0	0.00	577,507	4.89	0	0.00			4,362,159	37	10,442,660	11,800,188	11.50
10	Jharkhand																			0	0	
11	Karnataka	4	8,087,047	11.73		0.00	8,087,047	29,197,591	42.33	91,836	0.13	10,480,330	15.20	263,701	0.38			20,851,448	30	60,884,906	68,971,953	11.73
12	Kerala	2	12,267,357	26.83		0.00	12,267,357	6,004,888	13.13	9,004	0.02	17,725,696	38.77	19,620	0.04			9,698,719	21	33,457,927	45,725,284	26.83
13	Madhya Pradesh	4	6,660,746	8.77		0.00	6,660,746	14,131,711	18.61	4,324	0.01	22,961,043	30.23	12,173	0.02			32,180,129	42	69,289,380	75,950,126	8.77
14	Maharashtra	4	7,842,300	8.39		0.00	7,842,300	16,320,354	17.46	25,187	0.03	35,138,315	37.59	244,425	0.26			33,915,665	36	85,643,946	93,486,246	8.39
15	North East - 1	4	1,445,994	12.03		0.00	1,445,994	5,129,676	42.67	0	0.00	1,557,270	12.95	0	0.00			3,889,739	32	10,576,685	12,022,679	12.03
16	North East - 2																	0		0	0	
17	Orissa	3	6,533,408	19.52		0.00	6,533,408	10,718,118	32.02	1,909	0.01	2,794,822	8.35	9,375	0.03			13,419,408	40	26,943,632	33,477,040	19.52
18	Punjab	4	6,114,231	15.53		0.00	6,114,231	10,316,076	26.19	7,021	0.02	8,718,344	22.14	12,160	0.03	179,256	0.46	14,035,124	36	33,267,981	39,382,212	15.53
19	Rajasthan	4	6,666,733	10.20		0.00	6,666,733	21,078,946	32.24	9,603	0.01	12,748,839	19.50	11,559	0.02		0.00	24,867,520	38	58,716,467	65,383,200	10.20
20	Tamilnadu	4	12,201,500	15.00		0.00	12,201,500	25,429,223	31.26	42,873	0.05	19,306,937	23.73	119,343	0.15		0.00	24,258,074	30	69,156,450	81,357,950	15.00
21	Uttaranchal																	0		0	0	
22	UP(E)	4	11,907,668	12.11		0.00	11,907,668	31,487,856	32.03	2,589	0.00	25,348,133	25.79	7,834	0.01		0.00	29,537,979	30	86,384,391	98,292,059	12.11
23	UP(W)	4	6,204,692	9.87		0.00	6,204,692	14,578,393	23.20	1,982	0.00	21,799,704	34.69	4,615	0.01		0.00	20,256,460	32	56,641,154	62,845,846	9.87
24	West Bengal	4	2,594,354	4.75		0.00	2,594,354	14,641,012	26.78	2,232	0.00	17,575,930	32.15	2,375	0.00		0.00	19,853,350	36	52,074,899	54,669,253	4.75
4	Kolkatta	4	2,638,053	9.83		0.00	2,638,053	6,012,842	22.41	32,139	0.12	7,398,925	27.58	47,289	0.18		0.00	10,699,797	40	24,190,992	26,829,045	9.83
26	Chennai		0				0	0		0		0		0				0		0	0	
	Total	4	126,813,072	11.82	0	0.00	126,813,072	300,693,914	28.02	269,014	0.03	272,913,213	25.44	1,044,696	0.10	179,256	0.02	371,038,747	35	946,138,840	1,072,951,912	11.82
27	Delhi			3,542,111	6.39		3,542,111	16,735,035		59,401	0.11	16,146,299		142,753				18,831,356		51,914,844	55,456,955	0.00
28	Mumbai			2,851,503	7.24		2,851,503	9,751,096		112,547	0.29	11,573,530		517,255				14,572,924		36,527,352	39,378,855	0.00
	G. Total	4	126,813,072		6,393,614	0.55	133,206,686	327,180,045		440,962	0.04	300,633,042		1,704,704		179,256		404,443,027		1,034,581,036	1,167,787,722	10.86
	Percentage Contribution		10.86		0.55		11.41	28.02		0.04		25.74		0.15		0.02		34.63		88.59	100.00	
Conn. As on 31.07.2020	4		128,374,407		6,426,811	0.55	134,801,218	324,238,059		473,189	0.04	301,842,325		1,708,367		173,948		402,417,755		1,030,853,643	1,165,654,861	11.01
Addition during Aug 2020	2		-1,561,335		-33,197		-1,594,532	2,941,986		-32,227		-1,209,283		-3,663		5,308		2,025,272		3,727,393	2,132,861	-
Conn. As on 31.03.2020	5		128,609,992		6,453,987	1	135,063,979	332,205,562		523,401	0	319,624,558		1,770,108		182,269		388,607,480		1,042,913,378	1,177,977,357	10.92
Addition during 2020-21	3		-1,796,920		-60,373		-1,857,293	-5,025,517		-82,439		-18,991,516		-65,404		-3,013		15,835,547		-8,332,342	-10,189,635	-

Note:1) Since June'12, for Bihar & MP circles bifurcation is provided according to the ratio derived from that period onwards as Reliance has stopped providing the GSM figures.

2) M/s Vodafone and M/s Idea have been merged together and became a new company namely M/s Vodafone Idea Ltd.

Annexure-5

No. 1-2(1)/Market Share/2020-CP&M

Sub:- Wireless telephones Operator & circle wise as on 31/08/2020

S. No.	Name of circle	1		2		3		4		5		13		% Market Share of BSNL
			Name of Operator				Bharti Airtel(Including Tata Tele)		Vphone-Idea Total		Total Private Operators	Grand Total		
		Rank	BSNL	MTNL	Total PSUs		Reliance			Reliance Jio				
1	Andaman & Nicobar				0					0	0			
2	Andhra Pradesh	4	9,746,340		9,746,340	29,027,558	2,265	16,652,935	31,118,595	76,801,353	86,547,693	11.26		
3	Assam	4	2,863,248		2,863,248	8,387,563	0	3,719,563	8,658,069	20,765,195	23,628,443	12.12		
4	Bihar	4	5,788,419		5,788,419	34,163,354	364	13,322,141	30,945,656	78,431,515	84,219,934	6.87		
5	Chhattisgarh				0				0	0	0			
6	Gujarat	4	6,104,391		6,104,391	10,248,688	627	25,948,792	24,748,289	60,946,396	67,050,787	9.10		
7	Haryana	3	5,069,776		5,069,776	4,712,177	131	8,224,705	9,410,796	22,347,809	27,417,585	18.49		
8	H.P.	3	2,997,173		2,997,173	3,243,177	104	820,380	3,875,219	7,938,880	10,936,053	27.41		
9	J&K	4	1,251,246		1,251,246	5,495,530	0	577,507	4,328,384	10,401,421	11,652,667	10.74		
10	Jharkhand										0			
11	Karnataka	4	7,255,253		7,255,253	28,417,768	1,674	10,393,238	20,734,690	59,547,370	66,802,623	10.86		
12	Kerala	2	10,950,711		10,950,711	5,944,643	709	17,719,606	9,670,481	33,335,439	44,286,150	24.73		
13	M.P.	4	6,366,973		6,366,973	13,888,383	774	22,957,368	32,099,584	68,946,109	75,313,082	8.45		
14	Maharashtra	4	7,017,961		7,017,961	16,198,014	909	35,108,302	33,860,766	85,167,991	92,185,952	7.61		
15	North East - 1	4	1,361,613		1,361,613	5,129,676	0	1,557,000	3,876,455	10,563,131	11,924,744	11.42		
16	North East - 2								0	0	0			
17	Orissa	3	6,365,207		6,365,207	10,718,118	386	2,788,672	13,402,045	26,909,221	33,274,428	19.13		
18	Punjab	4	5,837,299		5,837,299	10,179,972	404	8,715,164	13,977,119	32,872,659	38,709,958	15.08		
19	Rajasthan	4	6,356,303		6,356,303	21,016,824	417	12,732,409	24,806,017	58,555,667	64,911,970	9.79		
20	Tamilnadu	4	11,127,151		11,127,151	24,900,733	3,097	19,269,072	24,097,452	68,270,354	79,397,505	14.01		
21	Uttranchal								0	0	0			
22	U.P.(East)	4	11,720,063		11,720,063	31,420,044	744	25,334,173	29,470,603	86,225,564	97,945,627	11.97		
23	U.P. (West)	4	6,027,208		6,027,208	14,545,289	342	21,794,274	20,125,736	56,465,641	62,492,849	9.64		
24	West Bengal	4	2,413,077		2,413,077	14,641,012	814	17,575,810	19,835,946	52,053,582	54,466,659	4.43		
25	Kolkatta	4	2,270,745		2,270,745	5,877,420	33	7,386,895	10,631,555	23,895,903	26,166,648	8.68		
26	Chennai		0		0	0	0	0	0	0	0			
	Total	4	118,890,157	0	118,890,157	298,155,943	13,794	272,598,006	369,673,457	940,441,200	1,059,331,357	11.22		
27	Delhi			2,174,737	2,174,737	15,299,368	1,707	16,070,879	18,709,134	50,081,088	52,255,825	0.00		
28	Mumbai			1,168,445	1,168,445	9,376,506	2,157	11,480,536	14,285,706	35,144,905	36,313,350	0.00		
	G. Total	4	118,890,157	3,343,182	122,233,339	322,831,817	17,658	300,149,421	402,668,297	1,025,667,193	1,147,900,532	10.36		
Percentage Contribution			10.36	0.29	10.65	28.12	0.00	26.15	35.08	89.35	100.00			
Conn. As on 31.07.2020	4		120,353,637	3,349,263	123,702,900	319,932,020	17,948	301,377,755	400,803,819	1,022,131,542	1,145,834,442	10.50		
Addition during Aug 2020	2		-1,463,480	-6,081	-1,469,561	2,899,797	-290	-1,228,334	1,864,478	3,535,651	2,066,090	-		
Conn. As on 31.03.2020	5		119,882,889	3,360,187	123,243,076	327,812,981	17,796	319,168,614	387,516,803	1,034,516,194	1,157,759,270	10.35		
Addition during 2020-21	3		-992,732	-17,005	-1,009,737	-4,981,164	-138	-19,019,193	15,151,494	-8,849,001	-9,858,738	-		

Annexure-6

No. 1-2(1)/Market Share/2020-CP&M

Sub:- GSM Mobile telephones Service Operator & circle wise as on 31/08/2020

		1	2	3		4	5				
S. No.	Name of circle	Rank	Name of Cellular Operator		Total PSUs	Bharti(Incl-Tata Tele)	Vodafone+IDE A	Reliance com	Total Private Operators	Grand Total	% Market Share of BSNL
			BSNL	MTNL		Bharti Airtel					
1	Andaman & Nicobar				0			0	0	0	
2	Andhra Pradesh	3	9,746,340		9,746,340	29,027,558	16,652,935	2,265	45,682,758	55,429,098	17.58
3	Assam	3	2,863,248		2,863,248	8,387,563	3,719,563	0	12,107,126	14,970,374	19.13
4	Bihar	5	5,788,419		5,788,419	34,163,354	13,322,141	364	47,485,859	53,274,278	10.87
5	Chhattisgarh				0	0	0	0	0	0	
6	Gujarat	5	6,104,391		6,104,391	10,248,688	25,948,792	627	36,198,107	42,302,498	14.43
7	Haryana	3	5,069,776		5,069,776	4,712,177	8,224,705	131	12,937,013	18,006,789	28.15
8	H.P.	2	2,997,173		2,997,173	3,243,177	820,380	104	4,063,661	7,060,834	42.45
9	J&K	2	1,251,246		1,251,246	5,495,530	577,507	0	6,073,037	7,324,283	17.08
10	Jharkhand				0	0	0	0	0	0	
11	Karnataka	4	7,255,253		7,255,253	28,417,768	10,393,238	1,674	38,812,680	46,067,933	15.75
12	Kerala	2	10,950,711		10,950,711	5,944,643	17,719,606	709	23,664,958	34,615,669	31.64
13	M.P.	4	6,366,973		6,366,973	13,888,383	22,957,368	774	36,846,525	43,213,498	14.73
14	Maharashtra	4	7,017,961		7,017,961	16,198,014	35,108,302	909	51,307,225	58,325,186	12.03
15	North East - 1	3	1,361,613		1,361,613	5129676	1,557,000	0	6,686,676	8,048,289	16.92
16	North East - 2				0	0	0	0	0	0	
17	Orissa	2	6,365,207		6,365,207	10718118	2,788,672	386	13,507,176	19,872,383	32.03
18	Punjab	3	5,837,299		5,837,299	10179972	8,715,164	404	18,895,540	24,732,839	23.60
19	Rajasthan	4	6,356,303		6,356,303	21016824	12,732,409	417	33,749,650	40,105,953	15.85
20	Tamilnadu	3	8,759,788		8,759,788	24900733	19,269,072	3,097	44,172,902	52,932,690	16.55
21	Uttanchal				0	0	0	0	0	0	
22	U.P.(East)	4	11,720,063		11,720,063	31420044	25,334,173	744	56,754,961	68,475,024	17.12
23	U.P. (West)	5	6,027,208		6,027,208	14545289	21,794,274	342	36,339,905	42,367,113	14.23
24	West Bengal	4	2,413,077		2,413,077	14641012	17,575,810	814	32,217,636	34,630,713	6.97
25	Kolkatta	4	2,270,745		2,270,745	5877420	7,386,895	33	13,264,348	15,535,093	14.62
26	Chennai	1	2,367,363		2,367,363	0	0	0	0	2,367,363	100.00
	Total	4	118,890,157		118,890,157	298,155,943	272,598,006	13,794	570,767,743	689,657,900	17.24
28	Delhi			2,174,737	2,174,737	15,299,368	16,070,879	1,707	31,371,954	33,546,691	0.00
29	Mumbai			1,168,445	1,168,445	9,376,506	11,480,536	2,157	20,859,199	22,027,644	0.00
	G. Total	4	118,890,157	3,343,182	122,233,339	322,831,817	300,149,421	17,658	622,998,896	745,232,235	15.95
Percentage Contribution			15.95	0.45	16.40	0.43	40.28	0.00	83.60	100.00	
Conn. As on 31.07.2020	4	120,353,637	3,349,263	123,702,900	319,932,020	301,377,755		17,948	621,327,723	745,030,623	16.15
Addition during Aug 2020	3	-1,463,480	-6,081	-1,469,561	2,899,797	-1,228,334	-290		1,671,173	201,612	-
Conn. As on 31.03.2020	4	119,882,889	3,360,187	123,243,076	327,812,981	319,168,614		17,796	646,999,391	770,242,467	15.56
Addition during 2020-21	3	-992,732	-17,005	-1,009,737	-4,981,164	-19,019,193		-138	-24,000,495	-25,010,232	-

Note: 1. As per TRAI report , Virtual Network Operator (VNO) of BSNL has reported its subscriber from the month of October-18 to August-2020 is 92280

2. The subscribers of M/s Bharti Airtel includes subscribers of M/s Tata Teleservices Ltd.However ,Dot has not yet approved the merger of them.

Annexure-8

No. 1-2(1)/Market Share/2020-CP&M

Sub:- Wire line telephones Service Operator & Circle wise as on 31/08/2020

		1	2	3	4	5	6	8	9					
S. No.	Name of circle	Name of Wiredline Services Operator												% Market Share of BSNL
		Rank	BSNL License Area wise	MTNL	Total PSUs	Bharti Telenet License areawise	Reliance Infocomm . Ltd.	Tata Teleservice s Ltd.	Quadrant Televentur es Ltd.	Reliance Jio	Vodafon e-Idea	Total Private Operators	TOTAL	
1	Andaman & Nicobar				0							0		
2	Andhra Pradesh	1	695,193		695,193	222,703	24,824	161,563		170,303	54,760	634,153	1,329,346	52.30
3	Assam	1	90,548		90,548	0				20,400	3,480	23,880	114,428	79.13
4	Bihar	1	138,261		138,261	0	1,141	7,837		33,849	1,770	44,597	182,858	75.61
5	Chhattisgarh				0	0						0	0	
6	Gujarat	1	556,577		556,577	112,069	7,257	82,068		166,530	32,502	400,426	957,003	58.16
7	Haryana	1	155,113		155,113	26,945	912	36,880		62,160	360	127,257	282,370	54.93
8	Himachal Pradesh	1	86,422		86,422	0	690	1,879		3,310	30	5,909	92,331	93.60
9	Jammu & Kashmir	1	106,282		106,282	7,464	0	0		33,775	0	41,239	147,521	72.05
10	Jharkhand				0	0				0		0	0	
11	Karnataka	1	831,794		831,794	779,823	90,162	263,701		116,758	87,092	1,337,536	2,169,330	38.34
12	Kerala	1	1,316,646		1,316,646	60,245	8,295	19,620		28,238	6,090	122,488	1,439,134	91.49
13	Madhya Pradesh	1	293,773		293,773	243,328	3,550	12,173		80,545	3,675	343,271	637,044	46.12
14	Maharashtra	1	824,339		824,339	122,340	24,278	244,425		54,899	30,013	475,955	1,300,294	63.40
15	North East - 1	1	84,381		84,381	0				13,284	270	13,554	97,935	86.16
16	North East - 2					0						0	0	
17	Orissa	1	168,201		168,201	0	1,523	9,375		17,363	6,150	34,411	202,612	83.02
18	Punjab	1	276,932		276,932	136,104	6,617	12,160	179,256	58,005	3,180	395,322	672,254	41.19
19	Rajasthan	1	310,430		310,430	62,122	9,186	11,559		61,503	16,430	160,800	471,230	65.88
20	Tamilnadu	1	656,915		656,915	528,490	39,776	119,343		160,622	37,865	886,096	1,543,011	42.57
21	Uttanchal					0						0	0	
22	Uttarpradesh East	1	187,605		187,605	67,812	1,845	7,834		67,376	13,960	158,827	346,432	54.15
23	Uttarpradesh West	1	177,484		177,484	33,104	1,640	4,615		130,724	5,430	175,513	352,997	50.28
24	West Bengal	1	181,277		181,277	0	1,418	2,375		17,404	120	21,317	202,594	89.48
25	Kolkatta	1	367,308		367,308	135,422	32,106	47,289		68,242	12,030	295,089	662,397	55.45
26	Chennai	1	417,434		417,434	0				0		0	417,434	100.00
	Total	1	7,922,915	0	7,922,915	2,537,971	255,220	1,044,696	179,256	1,365,290	315,207	5,697,640	13,620,555	58.17
27	Delhi			1,367,374	1,367,374	1,435,667	57,694	142,753		122,222	75,420	1,833,756	3,201,130	0.00
28	Mumbai			1,683,058	1,683,058	374,590	110,390	517,255		287,218	92,994	1,382,447	3,065,505	0.00
	G. Total	1	7,922,915	3,050,432	10,973,347	4,348,228	423,304	1,704,704	179,256	1,774,730	483,621	8,913,843	19,887,190	39.84
Percentage Contribution			39.84	15.34	55.18	21.86	2.13	8.57	0.90	8.92	2.43	44.82	100.00	
Conn. As on 31.07.2020		1	8,020,770	3,077,548	11,098,318	4,306,039	455,241	1,708,367	173,948	1,613,936	464,570	8,722,101	19,820,419	40.47
Addition during Aug 2020		7	-97,855	-27,116	-124,971	42,189	-31,937	-3,663	5,308	160,794	19,051	191,742	66,771	-
Conn. As on 31.03.2020		1	8,727,103	3,093,800	11,820,903	4,392,581	505,605	1,770,108	182,269	1,090,677	455,944	8,397,184	20,218,087	43.16
Addition during 2020-21		7	-804,188	-43,368	-847,556	-44,353	-82,301	-65,404	-3,013	684,053	27,677	516,659	-330,897	-

		No. 1-2(1)/Market Share/2020-CP&M																Annexure-9
		Sub:- Growth in Telecom Sector since 2001																
S. No.	Year	Telephone Connections in the country (in Million)					Telephone Connections Provided by BSNL (in Million)					%age Telephone Market Share of BSNL						
		Fixed (Wireline+WLL-F)		Mobile (GSM+WLL-M)		Grand Total	Fixed (Wireline+WLL-F)		Mobile (GSM+WLL-M)		Grand Total	Fixed (Wireline+WLL-F)		Mobile (GSM+WLL-M)		Grand Total		
1	30.09.2000	28.04		2.62				23.93		0.00			85.34		0.00			78.05
S. No.	Year	Telephone Connections in the country (in Million)					Telephone Connections Provided by BSNL (in Million)					%age Telephone Market Share of BSNL						
		Wired Line	Wireless				Grand Total	Wired Line	Wireless			Grand Total	Wired Line	Wireless			Grand Total	
			WLL	GSM	LTE	Total			WLL	GSM	Total			WLL	GSM	Total		
2	31.03.2001	32.51	0.07	3.58		3.65	36.16	28.11	0.00	0.00	0.00	28.11	86.46	0.00	0.00	0.00		77.73
3	31.03.2002	38.07	0.46	6.43		6.89	44.96	33.20	0.20	0.02	0.21	33.42	87.21	43.14	0.27	3.11		74.33
4	31.03.2003	40.75	1.14	12.69		13.83	54.57	35.42	0.52	2.26	2.77	38.19	86.92	45.34	17.78	20.05		69.98
5	31.03.2004	40.92	9.47	26.15		35.62	76.54	35.44	0.96	5.25	6.21	41.65	86.60	10.13	20.09	17.44		54.41
6	31.03.2005	41.35	16.01	41.07		57.07	98.42	35.86	1.63	9.45	11.08	46.93	86.72	10.17	23.01	19.41		47.69
7	31.03.2006	41.56	29.70	69.20		98.90	140.46	35.42	2.57	17.16	19.74	55.16	85.22	8.66	24.80	19.96		39.27
8	31.03.2007	40.77	44.62	121.43		166.05	206.83	33.74	3.56	27.43	30.98	64.72	82.75	7.97	22.59	18.66		31.29
9	31.03.2008	39.42	68.38	192.36		260.74	300.15	31.55	4.58	36.21	40.79	72.34	80.05	6.69	18.82	15.64		24.10
10	31.03.2009	37.91	102.95	288.39		391.34	429.25	29.35	5.43	46.71	52.14	81.49	77.42	5.28	16.20	13.32		18.98
11	31.03.2010	36.94	162.73	421.6797		584.41	621.35	27.83	6.14	63.31	69.45	97.28	75.34	3.78	15.01	11.88		15.66
12	31.03.2011	34.72	225.92	585.6803		811.60	846.33	25.22	5.57	86.27	91.83	117.06	72.64	2.46	14.73	11.32		13.83
13	31.03.2012	32.15	224.34	695.7566		920.10	952.25	22.47	4.00	94.51	98.51	120.98	69.88	1.78	13.58	10.71		12.70
14	31.03.2013	30.21	170.89	696.8919		867.79	897.99	20.45	2.70	98.50	101.21	121.65	67.69	1.58	14.13	11.66		13.55
15	31.03.2014	28.49	154.37	750.18		904.55	933.04	18.49	2.25	92.40	94.65	113.14	64.90	1.46	12.32	10.46		12.13
16	31.03.2015	26.56	155.83	813.70		969.54	996.10	16.41	1.98	74.84	76.83	93.24	61.80	1.27	9.20	7.92		9.36
17	31.03.2016	25.18	150.39	883.81	0.00	1,034.20	1,059.38	14.76	1.40	85.42	86.82	101.58	58.63	0.93	9.66	8.40		9.59
18	31.03.2017	24.38	54.96	1007.04	108.68	1,170.68	1,195.06	13.69	0.96	100.44	101.40	115.09	56.15	1.75	9.97	8.66		9.63
19	31.03.2018	26.40	32.02	965.09	186.56	1,183.67	1,210.08	12.26	0.75	111.11	111.85	124.11	46.42	2.33	11.51	9.45		10.26
20	31.03.2019	21.70	15.85	839.21	306.72	1,161.79	1,183.49	11.17	0.00	115.72	115.72	126.89	51.47	0.00	13.79	9.96		10.72
21	30.04.2019	21.48	12.90	834.57	314.81	1,162.28	1,183.76	10.95	0.00	115.95	115.95	126.90	50.97	0.00	13.89	9.98		10.72
22	31.05.2019	21.29	11.47	827.37	322.99	1,161.83	1,183.12	10.74	0.00	115.97	115.97	126.72	50.46	0.00	14.02	9.98		10.71
23	30.06.2019	21.17	10.74	823.47	331.26	1,165.46	1,186.63	10.59	0.00	116.27	116.27	126.87	50.05	0.00	14.12	9.98		10.69
24	31.07.2019	20.96	0.00	828.63	339.79	1,168.42	1,189.39	10.41	0.00	116.67	116.67	127.08	49.67	0.00	14.08	9.98		10.68
25	31.08.2019	20.82	0.00	822.82	348.24	1,171.06	1,191.88	10.27	0.00	116.38	116.38	126.66	49.34	0.00	14.14	9.94		10.63
26	30.09.2019	21.49	0.00	818.48	355.22	1,173.70	1,195.19	10.13	0.00	117.01	117.01	127.14	47.13	0.00	14.30	9.97		10.64
27	31.10.2019	21.45	0.00	819.02	364.33	1,183.34	1,204.79	10.00	0.00	117.29	117.29	127.29	46.64	0.00	14.32	9.91		10.57
29	30.11.2019	21.29	0.00	784.55	369.93	1,154.49	1,175.78	9.84	0.00	117.59	117.59	127.42	46.21	0.00	14.99	10.19		10.84
30	31.12.2019	21.00	0.00	781.56	370.02	1,151.57	1,172.58	9.58	0.00	118.25	118.25	127.83	45.61	0.00	15.13	10.27		10.90
31	31.01.2020	20.58	0.00	779.82	376.57	1,156.39	1,176.97	9.15	0.00	119.29	119.29	128.44	44.46	0.00	15.30	10.32		10.91
32	29.02.2020	20.26	0.00	777.74	382.83	1,160.57	1,180.83	8.83	0.00	119.76	119.76	128.59	43.57	0.00	15.40	10.32		10.89
33	31.03.2020	20.22	0.00	770.24	387.52	1,157.76	1,177.98	8.73	0.00	119.88	119.88	128.61	43.16	0.00	15.56	10.35		10.92
34	30.04.2020	19.92	0.00	760.44	389.09	1,149.53	1,169.45	8.49	0.00	119.87	119.87	128.36	42.62	0.00	15.76	10.43		10.98
35	31.05.2020	19.77	0.00	751.15	392.75	1,143.90	1,163.67	8.35	0.00	120.05	120.05	128.41	42.27	0.00	15.98	10.49		11.03

36	30.06.2020	19.81	0.00	745.39	397.25	1,142.64	1,162.45	8.18	0.00	120.24	120.24	128.42	41.27	0.00	16.13	10.52	11.05
37	31.07.2020	19.82	0.00	745.03	400.80	1,145.83	1,165.65	8.02	0.00	120.35	120.35	128.37	40.47	0.00	16.15	10.50	11.01
38	31.08.2020	19.89	0.00	745.23	402.67	1147.9	1167.79	7.92	0.00	118.89	118.89	126.81	39.84	0.00	15.95	10.36	10.86

Sub: Telephone connection Provided by BSNL & All operators during 2019-20 and 2020-21(upto 31.08.2020)

Annexure-10

Month	Connection Provided by BSNL (in lakh Nos.)					Connection Provided by all Operators (in lakh Nos.)						% Market Share of BSNL				
	Wireline	Wireless			Grand Total	Wireline	Wireless				Grand Total	Wireline	Wireless			Grand Total
		GSM	WLL	Total			GSM	WLL	LTE	Total			GSM	WLL	Total	
Apr-19	-2.18	2.34	0.00	2.34	0.17	-2.15	-46.42	-29.52	80.82	4.89	2.74		-5.05		47.98	6.04
May-19	-2.07	0.19	0.00	0.19	-1.88	-1.93	-71.98	-14.26	81.80	-4.44	-6.36		-0.27		-4.31	29.58
Jun-19	-1.48	2.96	0.00	2.96	1.49	-1.20	-39.03	-7.35	82.68	36.30	35.10		-7.59		8.16	4.23
Jul-19	-1.82	3.96	0.00	3.96	2.14	-2.05	51.59	-107.40	85.39	29.59	27.54		7.68		13.40	7.78
Aug-19	-1.42	-2.82	0.00	-2.82	-4.24	-1.47	-58.07	0.00	84.45	26.38	24.91		4.86		-10.69	-17.01
Sep-19	-1.42	6.27	0.00	6.27	4.85	6.73	-43.44	0.00	69.83	26.39	33.12		-14.42		23.75	14.65
Oct-19	-1.27	2.77	0.00	2.77	1.49	-0.44	5.42	0.00	91.02	96.44	96.00		51.06		2.87	1.56
Nov-19	-1.65	2.99	0.00	2.99	1.34	-1.57	-344.67	0.00	56.09	-288.58	-290.15		-0.87		-1.03	-0.46
Dec-19	-2.58	6.64	0.00	6.64	4.06	-2.86	-29.96	0.00	0.82	-29.14	-32.00		-22.16		-22.78	-12.68
Jan-20	-4.28	10.35	0.00	10.35	6.07	-4.20	-17.40	0.00	65.55	48.16	43.96		-59.50		21.49	13.81
Feb-20	-3.25	4.75	0.00	4.75	1.50	-3.25	-20.76	0.00	62.58	41.82	38.57		-22.88		11.36	3.90
Mar-20	-1.00	1.22	0.00	1.22	0.23	-0.41	-74.97	0.00	46.88	-28.10	-28.51		-1.63		-4.35	-0.80
Total	-24.41	41.62	0.00	41.62	17.22	-14.78	-689.68	-158.54	807.92	-40.30	-55.08		-6.04		-103.28	-31.26
Apr-20	-2.38	-0.13	0.00	-0.13	-2.51	-2.97	-98.00	0.00	15.75	-82.24	-85.21		0.13		0.16	2.94
May-20	-1.35	1.82	0.00	1.82	0.47	-1.54	-92.89	0.00	36.58	-56.31	-57.85		-1.96		-3.24	-0.82
Jun-20	-1.80	1.90	0.00	1.90	0.11	0.44	-57.64	0.00	44.99	-12.65	-12.21		-3.30		-15.04	-0.88
Jul-20	-1.54	1.11	0.00	1.11	-0.43		-3.59	0.00	35.54	31.95	32.05		-30.93		3.48	-1.35
Aug-20	-0.98	-14.63	0.00	-14.63	-15.61	0.67	2.02	0.00	18.64	20.66	21.33		-725.89		-70.83	-73.20
Total	-8.04	-9.93	0.00	-9.93	-17.97	-3.41	-250.10	0.00	151.51	-98.59	-101.90		3.97		10.07	17.63

Note: %age market share is calculated only for those cases in which BSNL's figure and Industry figures are both positive.

Sub: Proportion of VLR subscribers (Service Provider wise) as on 31.08.2020



	Vodafone-Idea	Bhart airtel	Jio	BSNL	MTNL	Tata	Reliance	Total
Wireless Subscribers	300.15	322.83	402.67	118.89	3.34	0.00	0.02	1147.90
VLR Subscribers	264.67	312.66	317.54	61.88	0.61	0.00	0.01	957.39

Source: TRAI Report

Sub: Broadband Status (in million) & Market Share

As on	W. Connection		M. S. BSNL	MS Increase/decre		Achi. d. Month		M. S. BSNL	Achi. upto Month		M. S. BSNL	Growth		BB-Density		Population (in
	A. O.	BSNL		D. Month	D. Year	A. O.	BSNL		A. O.	BSNL		A. O.	BSNL	A. O.	BSNL	
31.03.2020	19.18	8.08	42.13	-1.71	-7.87	0.04	-0.31	-775.0	0.76	-1.13	-148.68	4.13	-12.27	1.38	0.58	1391915
30.04.2020	19.02	7.97	41.90	-0.22	-0.22	-0.16	-0.11	68.8	-0.16	-0.11	68.75	-0.83	-1.36	1.36	0.57	1394466
31.05.2020	19.38	7.93	40.92	-0.98	-1.21	0.36	-0.04	-11.1	0.20	-0.15	-75	1.04	-1.86	1.39	0.57	1397016
30.06.2020	19.82	7.90	39.86	-1.06	-2.27	0.44	-0.03	-6.8	0.64	-0.18	-28.125	3.34	-2.23	1.42	0.56	1399567
31.07.2020	20.13	7.86	39.05	-0.81	-3.08	0.31	-0.04	-12.9	0.95	-0.22	-23.158	4.95	-2.72	1.44	0.56	1402117
31.08.2020	20.47	7.85	38.35	-0.70	-3.78	0.34	-0.01	-2.94	1.29	-0.23	-17.829	6.73	-2.85	1.46	0.56	1,404,668

[illegible]

No. 1-2(1)/Market Share/2020-CP&M

Sub:- LTE Service Operator & Circle wise as on 31/08/2020

S. No.	Name of circle	Reliance	Jio
1	Andaman & Nicobar		
2	Andhra Pradesh	31,118,595	
3	Assam	8,658,069	
4	Bihar	30,945,656	
5	Chhattisgarh		
6	Gujarat	24,748,289	
7	Haryana	9,410,796	
8	Himachal Pradesh	3,875,219	
9	Jammu & Kashmir	4,328,384	
10	Jharkhand		
11	Karnataka	20,734,690	
12	Kerala	9,670,481	
13	Madhya Pradesh	32,099,584	
14	Maharashtra	33,860,766	
15	North East - 1	3,876,455	
16	North East - 2		
17	Orissa	13,402,045	
18	Punjab	13,977,119	
19	Rajasthan	24,806,017	
20	Tamilnadu including Chennai	24,097,452	
21	Uttanchal		
22	Uttarpradesh East	29,470,603	
23	Uttarpradesh West	20,125,736	
24	West Bengal	19,835,946	
25	Kolkatta	10,631,555	
26	Chennai		
	Total	369,673,457	
27	Delhi	18,709,134	
28	Mumbai	14,285,706	
	G. Total	402,668,297	
	Percentage Contribution	100.00	
Conn. As on 31.07.2020		400,803,819	
Addition during Aug 2020		1,864,478	
Conn. As on 31.03.2020		387,516,803	
Addition during 2020-21		15,151,494	