

CP&M CELL, BSNL Corporate Office,  
Bharat Sanchar Bhawan,  
Janpath, New Delhi – 110001.  
Tel:91-11-23766012  
E-mail: ltp@bsnl.co.in



भारत संचार निगम लिमिटेड  
(भारत सरकार का उपक्रम)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)

To

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

No. 1-2(1)/Market Share/2022-CP&M

Dated: <sup>12</sup>01.08.2022

**Sub:** Tele-density and Market Share Report as on 31.05.2022

During May-2022, the total telephone connections & total wireless telephone connections in the country have increased by 2.91 million & 2.84 million respectively, taking the total telephone connections in the country to 1.17 billion (As on 31.05.2022). Achievement of BSNL's (-) 7.48 Lakhs vs. Jio's 33.44 Lakhs, Vodafone-Idea (-) 7.66 Lakhs & Bharti's 10.76 Lakhs in the total telephone connection during May-2022 (As per TRAI report & BSNL MIS Report). Further, 0.27 million broadband (wired) connections increased taking the total broadband (wired) connections in the country to 28.10 million as on 31.05.2022.

The tele-density & market share of all telecom operators is prepared based on TRAI and BSNL MIS report & is enclosed as Annexure-1 to 6 & 8 to 11.

(As per TRAI Note:1) The subscriber of M/s Bharti Airtel includes Subscribers of M/s Tata teleservices Ltd) 2). Virtual Network 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 31.05.2022 are 1170.70 million, out of which 120.05 million are provided by BSNL.
- 1.2 BSNL has been at 04<sup>th</sup> position as an operator with Market share of 10.25%. BSNL, market share has decreased from 10.34% to 10.25% during the month of May-2022 and decreased from 10.39% to 10.25% during 2022-23 (up to 31.05.2022).
- 1.3 BSNL's telephone connections have decreased by 7.48 lakhs during the month of May- 2022 and decreased by 11.81 lakhs during the year 2022-23 (up to 31.05.2022)

(Source: MIS & TRAI, As on: May - 2022)

**2.0 For Wireless connections( Annexure-5/6)**

**2.1 For Wireless Service:**

- 2.1.1 The total connections as on 31.05.2022 are 1145.47 million, out of which 112.81 million are provided by BSNL.
- 2.1.2 BSNL has been at 04<sup>th</sup> position as an operator with Market share of 9.85%, while its GSM's Market share is 15.31%.
- 2.1.3 BSNL's connections have decreased by 5.41 Lakhs during the month of May-2022 and decreased by 9.06 Lakhs during 2022-23 (up to 31.05.2022).
- 2.1.4 The Wireless industry has increased by 0.30% in terms of connections during 2022-23 (up to 31.05.2022) relatively, BSNL's connections has decreased by 0.80%.
- 2.1.5 As per TRAI report, Virtual Network Operator (VNO) of BSNL has reported its subscriber from the month of October 2018 to May-2022 is 64524.

(Source: MIS & TRAI, As on: May - 2022)

**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 31.05.2022 is 1017.67 million, which is approximately 88.84% of total wireless telephone connections.

- 2.2.3 In terms of % age of active subscriber, BSNL is at 05<sup>th</sup> position with 52.15% active connections.  
2.2.4 Bharati-Airtel leads the list in % age of active subscriber with 97.98%, followed by Jio 93.77%.and Vodafone-Idea 85.14%

**+(Source: TRAI, As on: May- 2022)**

**3.0 For Broadband(wired) services:**

- 3.1 The total connections as on 31.05.2022 are 28.10 million, out of which 3.82 million are provided by BSNL.  
3.2 BSNL Broadband connection increased by 0.02 million during the month of May-2022 whereas total increased in Broadband connection for all operator is 0.27 million.  
3.3 BSNL has been at 3<sup>rd</sup> position as an operator with Market share of 13.59% as on 31.05.2022. BSNL market share has decreased from 13.65% to 13.59% during the month of May-2022.

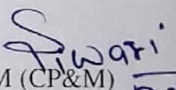
**(Source: TRAI, As on: May - 2022)**

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

- 4.1 The Tele-density in the country is 80.79% with Delhi License area at top (212.08%) and Bihar License area at lowest (55.97%) as on 31.05.2022. The Broadband (wired)-density in the country is 1.94% out of which BSNL has provided 0.26% as on 31.05.2022.  
4.2 In respect of total telephone connections-Kerala circle is top ranked circle in BSNL followed by UP-(E) & Tamilnadu circle. Whereas among all operator's License area wise, BSNL is 2<sup>nd</sup> rank in the state Kerala with market share of 25.81%.BSNL is 3<sup>rd</sup> rank in the states like Assam, HP, J&K, NE-1 & Orissa with market share 13.70%, 28.12%, 11.33%,12.18% and 19.53% respectively within the states.  
4.3 In wireless telephone connections U.P (E), Circle is top ranked circle in BSNL followed by Kerala & Tamilnadu circle. However, in terms of market share contribution for wireless connection among all operators within the state, BSNL is 2<sup>nd</sup> rank in Kerala circle with Market share 24.20%. BSNL is 3<sup>rd</sup> rank in the circles like Assam, HP, J&K, NE-1 & Orissa with market share 13.40%, 27.58%, 10.80%, 11.69% and 19.17% respectively within their circle.

**(Source: MIS& TRAI, As on: May - 2022)**

This is issued with the approval of CMD BSNL

  
DGM (CP&M) 12.08.22

Copy to:

**BSNL Intranet Portal with all Annexures.**

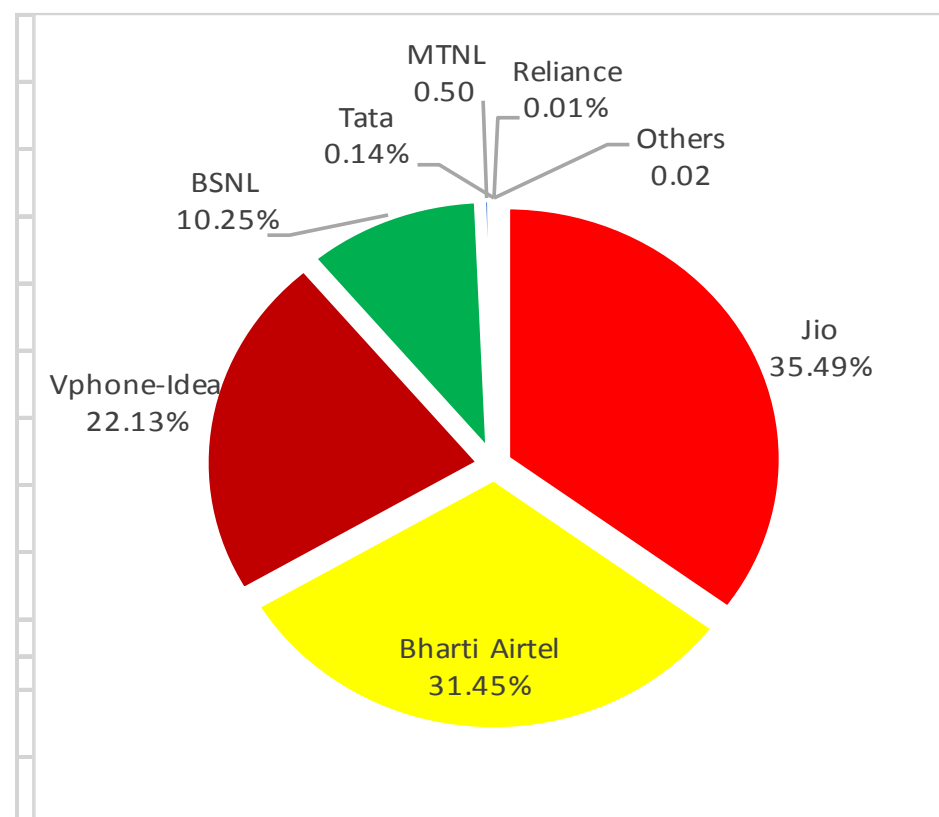
**(Note: Due to Environment protection & Austerity measures, the circulation of physical copies of Annexures mention in this letter have been stopped.)**



# Market Share in Total Telephone Conn. as on 31.05.2022

**Working Connections (in Million)**      **% age of Market share**

Jio	415.52	35.49
Bharti Airtel	368.14	31.45
Vphone-Idea	259.03	22.13
BSNL	120.05	10.25
MTNL	5.89	0.50
Tata	1.59	0.14
Reliance	0.17	0.01
Others	0.29	0.02
<b>Total</b>	<b>1170.70</b>	<b>100.00</b>



Source: TRAI Report

No. 1-2(1)/Market Share/2022-CP&amp;M

Sub:- Tele-density Circlewise urban Rural Area &amp; All operators as on 31.05.2022.

S. No.	Name of Circle	No. of DELs of BSNL				MTNL	PSU DELS License Area wise	Total Pvt Opr	Grand Total	% Tele density			% Tele density		% Market share of BSNL	Population License areawise	Population in thousands		
		Urban	Rural	Total	BSNL Urban					BSNL Rural	BSNL Total	PSU	All Operator	Population May-2022 (in thousand)					
														Total			Urban	Rural	
1	Andaman & Nicobar	166,821	114,858	281,679		#	#	#	90.29	32.29	52.12					540	185	356	
2	Andhra Pradesh	4,691,802	5,148,560	9,840,362		9,840,362	75,354,153	85,194,515	19.57	7.02	10.11	10.11	87.55	11.55	97,315	97,315	23973	73342	
3	Assam	2,139,827	1,201,584	3,341,411		3,341,411	21,042,677	24,384,088	44.38	3.73	9.02	9.02	65.81	13.70	37,054	37,054	4822	32232	
4	Bihar	2,688,817	1,325,260	4,014,077		5,697,870	82,663,130	88,361,000	23.05	1.23	3.35	3.61	55.97	6.45	157,872	119,704	11667	108037	
5	Chhattisgarh	1,424,431	793,448	2,217,879		#	#	0	19.34	3.47	7.33					30,237	7367	22871	
6	Gujarat	3,938,627	1,992,671	5,931,298		5,931,298	62,551,108	68,482,406	12.42	4.94	8.24	8.24	95.08	8.66	72,024	72,024	31709	40315	
7	Haryana	4,465,133	450,104	4,915,237		4,915,237	22,085,600	27,000,837	35.41	2.34	15.43	15.43	84.77	18.20	31,852	31,852	12610	19242	
8	Himachal Pradesh	868,375	1,958,290	2,826,665		2,826,665	7,225,604	10,052,269	86.82	28.82	36.26	36.26	128.95	28.12	7,796	7,796	1000	6795	
9	Jammu & Kashmir	1,281,803	140,406	1,422,209		1,422,209	11,135,255	12,557,464	31.32	1.41	10.14	10.14	89.52	11.33	14,027	14,027	4092	9935	
10	Jharkhand	1,219,707	464,086	1,683,793		#	#	0	14.78	1.55	4.41					38,168	8254	29914	
11	Karnataka	5,987,903	1,681,927	7,669,830		7,669,830	60,188,357	67,858,187	26.10	3.60	11.01	11.01	97.40	11.30	69,671	69,671	22944	46727	
12	Kerala	6,015,973	5,429,615	11,445,588		11,445,588	32,895,947	44,341,535	67.28	18.33	29.68	29.68	114.99	25.81	38,561	38,561	8941	29620	
13	Madhya Pradesh	2,630,988	1,321,296	3,952,284		6,170,163	71,995,680	78,165,843	9.87	2.08	4.39	5.13	64.99	7.89	120,279	90,041	26647	63394	
14	Maharashtra	4,744,245	2,559,264	7,303,509		7,303,509	85,890,891	93,194,400	14.09	2.99	6.12	6.12	78.10	7.84	119,320	119,320	33676	85644	
15	North East - 1	1,030,251	77,565	1,107,816		1,491,944	10,752,707	12,244,651	44.78	1.23	12.89	9.54	78.29	12.18	15,640	8,596	2300	6295	
16	North East - 2	270,325	113,803	384,128		#	#	0	14.70	2.19	5.45					7,044	1839	5206	
17	Orissa	3,235,721	3,240,532	6,476,253		6,476,253	26,683,775	33,160,028	36.45	8.64	13.96	13.96	71.49	19.53	46,383	46,383	8876	37507	
18	Punjab	5,079,376	466,630	5,546,006		5,546,006	31,792,973	37,338,979	40.30	2.05	15.68	15.68	105.54	14.85	35,379	35,379	12604	22775	
19	Rajasthan	4,521,887	2,249,185	6,771,072		6,771,072	57,003,951	63,775,023	22.11	3.48	7.97	7.97	75.02	10.62	85,006	85,006	20450	64556	
20	Tamilnadu	7,487,220	538,206	8,089,950		8,089,950	70,561,821	78,651,771	26.33	1.45	12.35	12.35	120.10	10.29	65,486	65,486	28434	37052	
21	Uttaranchal	990,530	632,460	1,622,990		#	#	0	26.55	6.90	12.58					12,899	3731	9168	
22	Uttarpradesh East	7,921,763	3,141,097	11,062,860		11,062,860	91,085,845	102,148,705	25.55	2.16	6.26	6.26	57.79	10.83	176,756	176,756	31003	145753	
23	Uttarpradesh West	3,397,664	1,016,927	4,414,591		6,037,581	59,044,158	65,081,739	12.38	1.89	5.44	6.42	69.17	9.28	94,093	81,194	27449	53745	
24	West Bengal	1,331,086	1,285,549	2,616,635		2,898,314	54,211,513	57,109,827	12.31	1.65	2.94	3.24	63.87	5.07	89,419	88,878	10813	78065	
25	Kolkatta	2,367,075	7	2,367,082		2,367,082	22,207,487	24,574,569	15.39		15.39	15.39	159.73	9.63	15,385	15,385	15385	0	
26	Chennai	2,429,303	312,553	2,741,856		2,741,856	0	2,741,856	21.74		24.53	24.53	24.53	100.00	11,177	11,177	11177	0	
	<b>Total</b>	<b>82,326,653</b>	<b>37,655,883</b>	<b>120,047,060</b>	<b>0</b>	<b>120,047,060</b>	<b>956,372,632</b>	<b>1,076,419,692</b>	<b>22.13</b>	<b>3.66</b>	<b>8.57</b>	<b>8.57</b>	<b>76.86</b>	<b>11.15</b>	<b>1,400,493</b>	<b>1,400,493</b>	<b>371947</b>	<b>1028544</b>	
27	Delhi				3,415,912	3,415,912	53,266,569	56,682,481				12.78	212.08		26,727	26,727	26073	653	
28	Mumbai				2,475,009	2,475,009	35,121,792	37,596,801				11.33	172.12		21,843	21,843	21843	0	
	<b>G. Total</b>	<b>82,326,653</b>	<b>37,655,883</b>	<b>120,047,060</b>	<b>5,890,921</b>	<b>125,937,981</b>	<b>1,044,760,993</b>	<b>1,170,698,974</b>	<b>22.13</b>	<b>3.66</b>	<b>8.57</b>	<b>8.69</b>	<b>80.79</b>	<b>10.25</b>	<b>1,449,062</b>	<b>1,449,062</b>	<b>419,863</b>	<b>1,029,198</b>	
	Percentage Contrib	7.03	3.22	10.25	0.50	10.76	89.24	100.00											

Note: #

- (1) West Bengal Telecom Circle Licensing Area includes A & N and Sikkim 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 Chhattisgarh Circle
- (5) Bihar Licensing area includes Jharkhand Circle.
- (6) Andhra Pradesh Licensing area includes Telangana Circle

## Annexure-2

No. 1-2(1)/Market Share/2022-CP&amp;M

Sub:- Total telephones connections operatorwise &amp; Market Share as on 31.05.2022.

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	<b>BSNL</b>	<b>7.23</b>	<b>112.81</b>		<b>112.81</b>	<b>120.05</b>	<b>28.67</b>	<b>15.31</b>		<b>9.85</b>	<b>10.25</b>
2	Bharti Airtel	5.97	362.18		362.18	368.14	23.66	49.16		31.62	31.45
3	Reliance Telecom	0.17	0.00		0.00	0.17	0.68	0.00		0.00	0.01
4	Vphone-Idea	0.59	258.45		258.45	259.03	2.32	35.08		22.56	22.13
5	Tata Indicom	1.59			<b>0.00</b>	1.59	6.32	0.00		0.00	0.14
6	MTNL	2.65	3.24		3.24	5.89	10.50	0.44		0.28	0.50
7	Jio	6.74		408.79	408.79	415.52	26.70		100.00	35.69	35.49
8	Quadrant Televentures	0.29			0.00	0.29	1.15			0.00	0.02
	<b>Total</b>	<b>25.23</b>	<b>736.68</b>	<b>408.79</b>	<b>1,145.47</b>	<b>1,170.70</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<b>BSNL operational area</b>		<b>18.15</b>	<b>679.29</b>	<b>378.98</b>	<b>1,058.27</b>	<b>1,076.42</b>					

<b>% Share of BSNL All India</b>	<b>28.67</b>	<b>15.31</b>		<b>9.85</b>	<b>10.25</b>
<b>% Share of BSNL in own operational area</b>	<b>39.86</b>	<b>16.61</b>		<b>10.66</b>	<b>11.15</b>





No. 1-2(1)/Market Share/2022-CP&amp;M

Sub:- Wireless telephones Operator &amp; circle wise as on 31/05/2022

S. No.	Name of circle	1			2			3			4			5			13			% Market Share of BSNL
		Rank	BSNL	MTNL	Total PSUs	Bharti Airtel(Including Tata Tele)	Reliance .com	Vphone-Idea Total	Reliance Jio	Total Private Operators	Grand Total									
1	Andaman & Nicobar				0					0	0									
2	Andhra Pradesh	4	9,156,619		9,156,619	31,426,052	0	13,462,041	29,093,205	73,981,298	83,137,917	11.01								
3	Assam	3	3,235,613		3,235,613	10,166,286	0	2,447,450	8,303,283	20,917,019	24,152,632	13.40								
4	Bihar	4	5,537,429		5,537,429	37,861,463	0	10,181,591	34,319,905	82,362,959	87,900,388	6.30								
5	Chhattisgarh				0				0	0	0									
6	Gujarat	4	5,552,542		5,552,542	11,892,823	64	23,847,573	26,114,297	61,854,757	67,407,299	8.24								
7	Haryana	4	4,730,055		4,730,055	5,982,851	18	7,798,065	8,140,938	21,921,872	26,651,927	17.75								
8	H.P.	3	2,738,350		2,738,350	3,315,326	92	547,019	3,326,867	7,189,304	9,927,654	27.58								
9	J&K	3	1,324,220		1,324,220	5,751,254	0	437,212	4,750,984	10,939,450	12,263,670	10.80								
10	Jharkhand								0		0									
11	Karnataka	4	6,794,850		6,794,850	30,667,166	615	7,572,092	20,075,499	58,315,372	65,110,222	10.44								
12	Kerala	2	10,413,886		10,413,886	7,773,984	157	15,467,939	9,374,307	32,616,387	43,030,273	24.20								
13	M.P.	4	5,896,799		5,896,799	15,220,231	0	19,850,888	36,104,213	71,175,332	77,072,131	7.65								
14	Maharashtra	4	6,618,175		6,618,175	20,352,908	0	28,021,176	36,795,778	85,169,862	91,788,037	7.21								
15	North East - 1	3	1,410,852		1,410,852	5,705,140	0	1,085,747	3,867,266	10,658,153	12,069,005	11.69								
16	North East - 2								0	0	0									
17	Orissa	3	6,293,182		6,293,182	11,139,362	36	1,767,520	13,623,008	26,529,926	32,823,108	19.17								
18	Punjab	4	5,234,458		5,234,458	11,995,354	115	8,434,928	10,678,528	31,108,925	36,343,383	14.40								
19	Rajasthan	4	6,482,475		6,482,475	21,911,912	169	10,981,737	23,676,314	56,570,132	63,052,607	10.28								
20	Tamilnadu	4	9,822,774		9,822,774	27,216,753	291	17,705,521	24,274,990	69,197,555	79,020,329	12.43								
21	Uttranchal								0	0	0									
22	U.P.(East)	4	10,918,759		10,918,759	37,467,926	0	20,234,110	32,927,495	90,629,531	101,548,290	10.75								
23	U.P. (West)	4	5,844,711		5,844,711	18,625,214	9	18,568,913	21,415,127	58,609,263	64,453,974	9.07								
24	West Bengal	4	2,663,406		2,663,406	16,066,250	172	15,720,882	22,262,169	54,049,473	56,712,879	4.70								
25	Kolkatta	4	2,143,362		2,143,362	5,715,602	0	6,092,618	9,854,666	21,662,886	23,806,248	9.00								
26	Chennai		0		0	0	0	0	0	0	0									
	Total	4	112,812,517	0	112,812,517	336,253,857	1,738	230,225,022	378,978,839	945,459,456	1,058,271,973	10.66								
27	Delhi			2,151,661	2,151,661	16,251,949	202	16,349,276	17,987,418	50,588,845	52,740,506	0.00								
28	Mumbai			1,091,178	1,091,178	9,669,355	1,214	11,872,510	11,821,185	33,364,264	34,455,442	0.00								
	G. Total	4	112,812,517	3,242,839	116,055,356	362,175,161	3,154	258,446,808	408,787,442	1,029,412,565	1,145,467,921	9.85								
	Percentage Contribution		9.85	0.28	10.13	31.62	0.00	22.56	35.69	89.87	100.00									
	Conn. As on 30.04.2022	4	113,353,971	3,245,504	116,599,475	361,147,280	3,154	259,206,066	405,676,025	1,026,032,525	1,142,632,000	9.92								
	Addition during May -2022	5	-541,454	-2,665	-544,119	1,027,881	0	-759,258	3,111,417	3,380,040	2,835,921	-								
	Conn. As on 31.03.2022	4	113,718,624	3,248,651	116,967,275	360,331,264	3,347	260,774,732	403,993,931	1,025,103,274	1,142,070,549	9.96								
	Addition during 2022-23	5	-906,107	-5,812	-911,919	1,843,897	-193	-2,327,924	4,793,511	4,309,291	3,397,372	-								



## Annexure-6

No. 1-2(1)/Market Share/2022-CP&amp;M

Sub:- GSM Mobile telephones Service Operator &amp; circle wise as on 31/05/2022

S. No.	Name of circle	Rank	1		Total PSUs	3			Total Private Operators	Grand Total	% Market Share of BSNL	
			2			4						5
			Name of Cellular Operator			Bharti(Incl-Tata Tele)	Vodafone+IDE A	Reliance com				
BSNL	MTNL	Bharti Airtel										
1	Andaman & Nicobar				0				0	0		
2	Andhra Pradesh	3	9,156,619		9,156,619	31,426,052	13,462,041		44,888,093	54,044,712	16.94	
3	Assam	2	3,235,613		3,235,613	10,166,286	2,447,450		12,613,736	15,849,349	20.41	
4	Bihar	3	5,537,429		5,537,429	37,861,463	10,181,591		48,043,054	53,580,483	10.33	
5	Chhattisgarh				0				0	0		
6	Gujarat	3	5,552,542		5,552,542	11,892,823	23,847,573	64	35,740,460	41,293,002	13.45	
7	Haryana	3	4,730,055		4,730,055	5,982,851	7,798,065	18	13,780,934	18,510,989	25.55	
8	H.P.	2	2,738,350		2,738,350	3,315,326	547,019	92	3,862,437	6,600,787	41.49	
9	J&K	2	1,324,220		1,324,220	5,751,254	437,212	0	6,188,466	7,512,686	17.63	
10	Jharkhand				0				0	0		
11	Karnataka	3	6,794,850		6,794,850	30,667,166	7,572,092	615	38,239,873	45,034,723	15.09	
12	Kerala	2	10,413,886		10,413,886	7,773,984	15,467,939	157	23,242,080	33,655,966	30.94	
13	M.P.	3	5,896,799		5,896,799	15,220,231	19,850,888	0	35,071,119	40,967,918	14.39	
14	Maharashtra	3	6,618,175		6,618,175	20,352,908	28,021,176	0	48,374,084	54,992,259	12.03	
15	North East - 1	3	1,410,852		1,410,852	5,705,140	1,085,747	0	6,790,887	8,201,739	17.20	
16	North East - 2				0				0	0		
17	Orissa	2	6,293,182		6,293,182	11,139,362	1,767,520	36	12,906,918	19,200,100	32.78	
18	Punjab	3	5,234,458		5,234,458	11,995,354	8,434,928	115	20,430,397	25,664,855	20.40	
19	Rajasthan	3	6,482,475		6,482,475	21,911,912	10,981,737	169	32,893,818	39,376,293	16.46	
20	Tamilnadu	3	7,413,880		7,413,880	27,216,753	17,705,521	291	44,922,565	52,336,445	14.17	
21	Uttaranchal				0				0	0		
22	U.P.(East)	3	10,918,759		10,918,759	37,467,926	20,234,110	0	57,702,036	68,620,795	15.91	
23	U.P. (West)	3	5,844,711		5,844,711	18,625,214	18,568,913	9	37,194,136	43,038,847	13.58	
24	West Bengal	3	2,663,406		2,663,406	16,066,250	15,720,882	172	31,787,304	34,450,710	7.73	
25	Kolkatta	3	2,143,362		2,143,362	5,715,602	6,092,618	0	11,808,220	13,951,582	15.36	
26	Chennai	1	2,408,894		2,408,894				0	2,408,894	100.00	
	<b>Total</b>	3	<b>112,812,517</b>		<b>112,812,517</b>	<b>336,253,857</b>	<b>230,225,022</b>	1,738	<b>566,480,617</b>	<b>679,293,134</b>	<b>16.61</b>	
28	Delhi			2,151,661	2,151,661	16251949	16,349,276	202	32,601,427	34,753,088	0.00	
29	Mumbai			1,091,178	1,091,178	9669355	11,872,510	1214	21,543,079	22,634,257	0.00	
	G. Total	3	<b>112,812,517</b>	<b>3,242,839</b>	116,055,356	<b>362,175,161</b>	<b>258,446,808</b>	<b>3,154</b>	620,625,123	<b>736,680,479</b>	<b>15.31</b>	
	Percentage Contribution		15.31	0.44	<b>15.75</b>	49.16	35.08	0.00	84.25	100.00		
Conn. As on 30.04.2022	3		113,353,971	3,245,504	116,599,475	361,147,280	259,206,066	3,154	620,356,500	736,955,975	15.38	
Addition during May -2022	4		-541,454	-2,665	-544,119	1,027,881	-759,258	0	268,623	-275,496	-	
Conn. As on 31.03.2022	3		113,718,624	3,248,651	116,967,275	360,331,264	260,774,732	3,347	621,109,343	738,076,618	15.41	
Addition during 2022-23	4		-906,107	-5,812	-911,919	1,843,897	-2,327,924	-193	-484,220	-1,396,139	-	

Note: 1. As per TRAI report , Virtual Network Operator ( VNO) of BSNL has reported its subscriber from the month of October-18 to May-2022 is 64524

2. The subscribers of M/s Bharti Airtel includes subscribers of M/s Tata Teleservices Ltd.

No. 1-2(1)/Market Share/2022-CP&amp;M

## Sub:- Wire line telephones Service Operator &amp; Circle wise as on 31/05/2022

S. No.	Name of circle	Name of Wiredline Services Operator											% Market Share of BSNL	
		Rank	BSNL License Area wise	MTNL	Total PSUs	Bharti Airtel Ltd.	Reliance Comm. Ltd.	Tata Teleservices Ltd.	Quadrant Televantures Ltd.	Reliance Jio	Vodafone -Idea	Total Private Operators		TOTAL
1	Andaman & Nicobar				0								0	
2	Andhra Pradesh	2	683,743		683,743	364,508	20436	157188		766,378	64,345	1,372,855	2,056,598	33.25
3	Assam	2	105,798		105,798	11,951	0	0		110,797	2,910	125,658	231,456	45.71
4	Bihar	2	160,441		160,441	0	9	8150		290,122	1,890	300,171	460,612	34.83
5	Chhattisgarh				0							0	0	
6	Gujarat	2	378,756		378,756	152,383	2616	77603		416,183	47,566	696,351	1,075,107	35.23
7	Haryana	1	185,182		185,182	56,650	0	32160		74,588	330	163,728	348,910	53.07
8	Himachal Pradesh	1	88,315		88,315	0	0	1563		34,707	30	36,300	124,615	70.87
9	Jammu & Kashmir	2	97,989		97,989	46,445	0	0		149,330	30	195,805	293,794	33.35
10	Jharkhand				0							0	0	
11	Karnataka	2	874,980		874,980	932,965	22516	240826		549,241	127,437	1,872,985	2,747,965	31.84
12	Kerala	1	1,031,702		1,031,702	80,434	4242	18919		166,945	9,020	279,560	1,311,262	78.68
13	Madhya Pradesh	3	273,364		273,364	362,085	5	12179		424,644	21,435	820,348	1,093,712	24.99
14	Maharashtra	1	685,334		685,334	292,861	10084	211860		180,451	25,773	721,029	1,406,363	48.73
15	North East - 1	2	81,092		81,092	0	0	0		94,224	330	94,554	175,646	46.17
16	North East - 2											0	0	
17	Orissa	1	183,071		183,071	676	4	8053		141,346	3,770	153,849	336,920	54.34
18	Punjab	1	311,548		311,548	190,410	2414	14186	291062	183,966	2,010	684,048	995,596	31.29
19	Rajasthan	1	288,597		288,597	145,607	3717	12699		256,306	15,490	433,819	722,416	39.95
20	Tamilnadu	1	676,070		676,070	680,821	20939	119772		505,644	37,090	1,364,266	2,040,336	33.14
21	Uttaranchal											0	0	
22	Uttarpradesh East	2	144,101		144,101	131,375	20	8059		300,110	16,750	456,314	600,415	24.00
23	Uttarpradesh West	2	192,870		192,870	99,318	10	4776		326,575	4,216	434,895	627,765	30.72
24	West Bengal	1	234,908		234,908	4,449	2	2554		154,915	120	162,040	396,948	59.18
25	Kolkatta	2	223,720		223,720	171,461	6209	45757		308,609	12,565	544,601	768,321	29.12
26	Chennai	1	332,962		332,962							0	332,962	100.00
	<b>Total</b>	<b>1</b>	<b>7,234,543</b>	<b>0</b>	<b>7,234,543</b>	<b>3,724,399</b>	<b>93,223</b>	<b>976,304</b>	<b>291,062</b>	<b>5,435,081</b>	<b>393,107</b>	<b>10,913,176</b>	<b>18,147,719</b>	<b>39.86</b>
27	Delhi			1,264,251	1,264,251	1764063	27720	138038		664,793	83110	2,677,724	3,941,975	0.00
28	Mumbai			1,383,831	1,383,831	480863	49540	480127		636,667	110331	1,757,528	3,141,359	0.00
	<b>G. Total</b>	<b>1</b>	<b>7,234,543</b>	<b>2,648,082</b>	<b>9,882,625</b>	<b>5,969,325</b>	<b>170,483</b>	<b>1,594,469</b>	<b>291,062</b>	<b>6,736,541</b>	<b>586,548</b>	<b>15,348,428</b>	<b>25,231,053</b>	<b>28.67</b>
Percentage Contribution			28.67	10.50	39.17	23.66	0.68	6.32	1.15	26.70	2.32	60.83	100.00	
Conn. As on 30.04.2022	1		7,440,805	2,664,677	10,105,482	5,921,597	171,767	1,592,706	271,426	6,504,446	593,293	15,055,235	25,160,717	29.57
Addition during May -2022	8		-206,262	-16,595	-222,857	47,728	-1,284	1,763	19,636	232,095	-6,745	293,193	70,336	-
Conn. As on 31.03.2022	1		7,509,030	2,693,638	10,202,668	5,850,300	174,121	1,600,819	266,799	6,172,571	572,478	14,637,088	24,839,756	30.23
Addition during 2022-23	8		-274,487	-45,556	-320,043	119,025	-3,638	-6,350	24,263	563,970	14,070	711,340	391,297	-

Note: (1) West Bengal Telecom Circle Licensing Area includes A & N and Sikkim 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 Chhattisgarh Circle  
5) Bihar Licensing area includes Jharkhand Circle.  
6) Andhra Pradesh Licensing area includes Telengana Circle  
7) BSNL-FTTH Voice-connections have also been incorporated from the month of May 2021

No. 1-2(1)/Market Share/2022-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			30.66	23.93		0.00		23.93	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			
45	31.03.2021	20.24	0.00	757.82	422.92	1,180.74	1,200.98	6.65	0.00	118.41	118.41	125.06	32.85	0.00	15.62	10.03	10.41
46	30.04.2021	20.36	0.00	755.42	427.67	1,183.09	1,203.45	6.55	0.00	117.31	117.31	123.85	32.15	0.00	15.53	9.92	10.29
47	31.05.2021	21.66	0.00	745.59	431.23	1,176.82	1,198.48	7.68	0.00	116.37	116.37	124.05	35.43	0.00	15.61	9.89	10.35
48	30.06.2021	21.74	0.00	744.14	436.69	1,180.83	1,202.57	7.48	0.00	115.40	115.40	122.88	34.42	0.00	15.51	9.77	10.22
49	31.07.2021	22.61	0.00	743.63	443.21	1,186.84	1,209.45	7.99	0.00	114.38	114.38	122.37	35.33	0.00	15.38	9.64	10.12
50	31.08.2021	22.86	0.00	742.86	443.86	1,186.72	1,209.58	7.90	0.00	114.32	114.32	122.22	34.55	0.00	15.39	9.63	10.10
51	30.09.2021	23.13	0.00	741.18	424.84	1,166.02	1,189.15	7.83	0.00	113.45	113.45	121.28	33.85	0.00	15.31	9.73	10.20
52	31.10.2021	23.32	0.00	739.69	426.60	1,166.29	1,189.61	7.73	0.00	113.41	113.41	121.14	33.13	0.00	15.33	9.72	10.18
53	30.11.2021	23.55	0.00	738.94	428.62	1,167.55	1,191.10	7.65	0.00	113.25	113.25	120.89	32.48	0.00	15.33	9.70	10.15
54	31.12.2021	23.79	0.00	738.38	415.72	1,154.10	1,177.89	7.59	0.00	113.84	113.84	121.43	31.92	0.00	15.42	9.86	10.31
55	31.01.2022	24.14	0.00	738.93	406.39	1,145.32	1,169.46	7.56	0.00	114.06	114.06	121.62	31.31	0.00	15.44	9.96	10.40
56	28.02.2022	24.52	0.00	738.87	402.73	1,141.60	1,166.12	7.58	0.00	113.95	113.95	121.52	30.90	0.00	15.42	9.98	10.42
56	31.03.2022	24.84	0.00	738.08	403.99	1,142.07	1,166.91	7.51	0.00	113.72	113.72	121.23	30.23	0.00	15.41	9.96	10.39
57	30.04.2022	25.16	0.00	736.96	405.68	1,142.632	1,167.793	7.44	0.00	113.35	113.35	120.79	29.57	0.00	15.38	9.92	10.34
58	31.05.2022	25.23	0.00	736.68	408.79	1,145.47	1,170.699	7.23	0.00	112.81	112.81	120.05	28.67	0.00	15.31	9.85	10.25

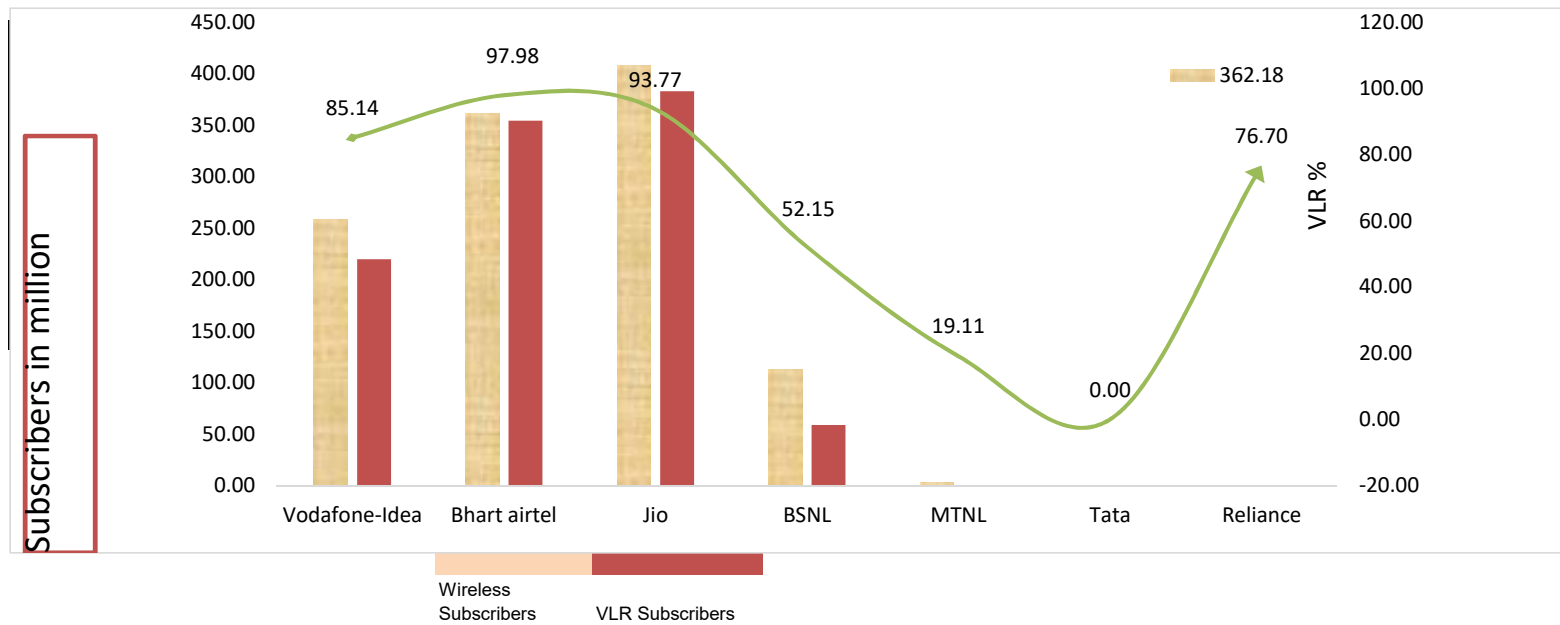
Sub: Telephone connection Provided by BSNL & All operators during 2021-22 and 2022-23 (upto 31.05.2022)

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-21	-1.03	-11.04	0.00	-11.04	-12.06	1.22	-24.00	0.00	47.56	23.56	24.78		45.98		-46.83	-48.69
May-21	11.29	-9.34	0.00	-9.34	1.95	13.03	-98.31	0.00	35.55	-62.77	-49.74		9.50		14.87	-3.93
Jun-21	-1.93	-9.71	0.00	-9.71	-11.64	0.72	-14.51	0.00	54.67	40.15	40.87		66.87		-24.17	-28.48
Jul-21	5.07	-10.18	0.00	-10.18	-5.11	8.78	-5.13	0.00	65.19	60.06	68.83		198.31		-16.95	-7.43
Aug-21	-0.91	-0.60	0.00	-0.60	-1.51	2.46	-7.62	0.00	6.50	-1.13	1.33		7.90		53.45	-113.65
Sep-21	-0.67	-8.72	0.00	-8.72	-9.39	2.72	-16.79	0.00	-190.24	-207.03	-204.31		51.90		4.21	4.60
Oct-21	-1.05	-0.37	0.00	-0.37	-1.42	1.90	-14.96	0.00	17.61	2.65	4.55		2.48		-14.02	-31.24
Nov-21	-0.77	-1.68	0.00	-1.68	-2.46	2.25	-7.52	0.00	20.19	12.67	14.92		22.37		-13.28	-16.47
Dec-21	-0.55	5.91	0.00	5.91	5.36	2.41	-5.53	0.00	-129.02	-134.55	-132.14		-106.75		-4.39	-4.06
Jan-22	-0.34	2.20	0.00	2.20	1.85	3.57	5.44	0.00	-93.23	-87.78	-84.21		40.35		-2.50	-2.20
Feb-22	0.17	-1.11	0.00	-1.11	-0.94	3.74	-0.57	0.00	-36.60	-37.17	-33.43		196.20		2.99	2.80
Mar-22	-0.68	-2.27	0.00	-2.27	-2.94	3.21	-7.93	0.00	12.60	4.68	7.89		28.60		-48.49	-37.33
Total	8.60	-46.90	0.00	-46.90	-38.31	46.00	-197.45	0.00	-189.22	-386.66	-340.66		23.76		12.13	11.25
Apr-22	-0.68	-3.65	0.00	-3.65	-4.33	3.21	-11.21	0.00	16.82	5.61	8.82		32.54		-64.95	-49.06
May-22	-2.06	-5.41	0.00	-5.41	-7.48	0.70	-2.75	0.00	31.11	28.36	29.06		196.54		-19.09	-25.73
Total	-2.74	-9.06	0.00	-9.06	-11.81	3.91	-13.96	0.00	47.94	33.97	37.89		64.90		-26.67	-31.16

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 31.05.2022**



(Figures in Million)

	Vodafone-Idea	Bhart airtel	Jio	BSNL	MTNL	Tata	Reliance	Total
Wireless Subscribers	258.45	362.18	408.79	112.81	3.24	0.00	0.00	1145.47
VLR Subscribers	220.04	354.86	383.32	58.83	0.62	0.00	0.00	1017.67

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 thousand)
	A. O.	BSNL		D. Month	D. Year	A. O.	BSNL		A. O.	BSNL		A. O.	BSNL	A. O.	BSNL	
31.03.2022	27.25	3.85	14.13	-0.18	-15.85	0.62	0.04	6.5	4.50	-2.97	-66	19.78	-43.55	1.89	0.27	1445183
30.04.2022	27.83	3.80	13.65	-0.47	-0.47	0.58	-0.05	-8.6	0.58	-0.05	-8.6207	2.13	-1.30	1.92	0.26	1447123
31.05.2022	28.10	3.82	13.59	-0.06	-0.53	0.27	0.02	7.41	0.85	-0.03	-3.53	3.12	-0.78	1.94	0.26	1,449,062

No. 1-2(1)/Market Share/2022-CP&M

**Sub:- LTE Service Operator & Circle wise as on 31/05/2022**

S. No.	Name of circle	Reliance Jio	
		Reliance	Jio
1	Andaman & Nicobar		
2	Andhra Pradesh	29,093,205	
3	Assam	8,303,283	
4	Bihar	34,319,905	
5	Chhattisgarh		
6	Gujarat	26,114,297	
7	Haryana	8,140,938	
8	Himachal Pradesh	3,326,867	
9	Jammu & Kashmir	4,750,984	
10	Jharkhand		
11	Karnataka	20,075,499	
12	Kerala	9,374,307	
13	Madhya Pradesh	36,104,213	
14	Maharashtra	36,795,778	
15	North East - 1	3,867,266	
16	North East - 2		
17	Orissa	13,623,008	
18	Punjab	10,678,528	
19	Rajasthan	23,676,314	
20	Tamilnadu including Chennai	24,274,990	
21	Uttranchal		
22	Uttarpradesh East	32,927,495	
23	Uttarpradesh West	21,415,127	
24	West Bengal	22,262,169	
25	Kolkatta	9,854,666	
26	Chennai		
	<b>Total</b>	<b>378,978,839</b>	
27	Delhi	17,987,418	
28	Mumbai	11,821,185	
	<b>G. Total</b>	<b>408,787,442</b>	
Percentage Contribution		100.00	
Conn. As on 30.04.2022		<b>405,676,025</b>	
Addition during May -2022		3,111,417	
Conn. As on 31.03.2022		<b>403,993,931</b>	
Addition during 2022-23		<b>4,793,511</b>	