

**GOVERNMENT OF INDIA  
MINISTRY OF COMMUNICATIONS  
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA  
UNSTARRED QUESTION NO. 4626  
TO BE ANSWERED ON 24<sup>TH</sup> MARCH, 2021**

**BSNL NETWORK IN RURAL AREAS**

4626. COL. RAJYAVARDHAN RATHORE:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the details of BSNL's plan to resolve the lack of network coverage in rural areas and the details of areas with no telecom service providers, district-wise;
- (b) the details of coverage of Bharat Broadband Network Limited (BBNL) in Gram Panchayats, State/UT-wise and the number of Gram Panchayats where the services of BBNL are operated State/UT-wise;
- (c) the number of users utilising the BBNL service, State/UT-wise and the amount of data consumption during each of the last three years, State/UT-wise along with the amount of data consumption in the Rajasthan Gram Panchayat-wise;
- (d) whether all rural areas in the country are covered by rural exchanges and if so, the details thereof and if not, the details of areas not covered thereunder, State/UT-wise; and
- (e) the downtime of all rural exchanges, State/UT-wise and the downtime of all rural exchanges in the State of Rajasthan district-wise along with the steps taken by the Government to decrease this downtime?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS, EDUCATION AND  
ELECTRONICS & INFORMATION TECHNOLOGY  
(SHRI SANJAY DHOTRE)**

- (a) Bharat Sanchar Nigam Limited (BSNL) has reported that on the basis of techno-commercial viability, BSNL is progressively adding more number of Base Transceiver Stations (BTSs) in rural as well as urban areas under various network expansion phases and thereby increasing mobile coverage in more number of villages and urban areas across all its Licensed Service Areas (LSAs).

The State/UT-wise details of inhabited villages with no mobile connectivity is at **Annexure-I**.

- (b) Under the BharatNet project, broadband connectivity is to be provided to all the Gram Panchayats (GPs) (approx. 2,50,000) in the country mainly through Optical Fibre Cable. The State/UT-wise details of number of Gram Panchayats which are service ready is at **Annexure-II**.

(c) The State/UT-wise number of users utilising the Bharat Broadband Network Limited (BBNL) service, the amount of data consumption during each of the last three years and average data consumption per GP is at **Annexure-III**.

(d) The circle-wise number of villages where BSNL exchanges are working is at **Annexure – IV**.

(e) BSNL has informed that its Landline services are working satisfactorily in the LSAs and in general meeting all the Quality of Service (QoS) parameters prescribed by Telecom Regulatory Authority of India (TRAI).

Following steps have been taken by BSNL for further improving the quality of service:

- i. Monitoring of the network has been strengthened to ensure performance as per the quality-of-service parameters prescribed by TRAI.
- ii. Rehabilitation of outdoor network is regularly done to reduce the landline faults.
- iii. Timely availability of store items like cable, drop-wire to field units of BSNL to maintain and improve the network.
- iv. Monsoon control room is set up in the circles during monsoon season to monitor the functioning of landline and broadband services.
- v. Round the clock Toll free complaint booking mechanism. A stringent monitoring procedure is being adopted for prompt and timely clearance of customers' complaints through exclusive section at all level of the organization.
- vi. Conversion of existing technology switches to state of art Next Generation network.

**Annexure-I**

**Annexure referred to in Part (a) of the Lok Sabha Unstarred Question No.4626 for answer on 24.03.2021**

**State/UT-wise details of inhabited villages with no mobile connectivity**

<b>Sr. No.</b>	<b>State/UT</b>	<b>No. of villages with no mobile connectivity</b>
1	Andaman & Nicobar Islands	151
2	Andhra Pradesh	1787
3	Arunachal Pradesh	2223
4	Assam	616
5	Bihar	245
6	Chhattisgarh	1847
7	Goa	28
8	Gujarat	512
9	Himachal Pradesh	383
10	Jammu & Kashmir	154
11	Jharkhand	1144
12	Karnataka	441
13	Ladakh	64
14	Lakshadweep	1
15	Madhya Pradesh	2612
16	Maharashtra	2328
17	Manipur	463
18	Meghalaya	1674
19	Mizoram	206
20	Nagaland	144
21	Odisha	6099
22	Rajasthan	941
23	Sikkim	10
24	Tamil Nadu	49
25	Telangana	153
26	Tripura	31
27	Uttarakhand	426
28	Uttar Pradesh	327
29	West Bengal	8
<b>Total</b>		<b>25067</b>

Annexure referred to in Part (b) of the Lok Sabha Unstarred Question No.4626 for answer on 24.03.2021

State/UT-wise details of service ready Gram Panchayats ( GPs)

S. No.	State	No. of Service ready GPs (including BHQ)
1	Assam	1627
2	Bihar	8824
3	Chhattisgarh	7413
4	Haryana	6203
5	J&K	1174
6	Karnataka	6247
7	Kerala	1129
8	MP	15156
9	Maharashtra	19082
10	Punjab	12795
11	Rajasthan	8970
12	UP(E)	20926
13	UP(W)	10403
14	Uttarakhand	1544
15	West Bengal	2455
16	Sikkim	28
17	A&N	18
18	Chandigarh	13
19	Arunachal	650
20	Nagaland	222
21	Manipur	1424
22	Mizoram	409
23	Tripura	735
24	Meghalaya	534
25	Gujarat	13398
26	D & D	18
27	D & NH	21
28	Puducherry	101
29	Tamil Nadu	0
30	AP	1708
31	Telangana	2047
32	Odisha	5763
33	Jharkhand	3642
34	HP	371
35	Lakshadweep	0
	<b>Total</b>	<b>155050</b>

## Annexure-III

Annexure referred to in Part (c) of the Lok Sabha Unstarred Question No.4626 for answer on 24.03.2021

Details of number of users utilising BBNL services, State/UT wise and amount of data consumption

S. No.	State	No. of GPs where Wi-Fi installed	No. of Wi-Fi Subscribers	No. of FTTH connections Provided	Data Consumption ( in GB)				Data Consumption per GP per month (GB)
					2017-18	2018-19	2019-20 (Jan 20-March 20)	2020-21 April 20-Jan 21	
1	Assam	0	0	5837			0	1609	1.25
2	Bihar	5347	42912	32654			6147	324576	21.25
3	Chhattisgarh	3664	47853	17406			1164	461173	30.20
4	Haryana	5953	95504	33149			2125	1032611	59.41
5	J&K	1138	4056	780			0	62622	17.48
6	Karnataka	5358	106629	36639			4294	111302	7.19
7	Kerala	1047	56431	2624			123449	537920	43.65
8	MP	11538	132485	55021			4347	129286	5.55
9	Maharashtra	10990	88615	66055			79748	529714	12.39
10	Punjab	7891	29428	38844			0	1002993	26.08
11	Rajasthan	8124	13408	2376			2866	32530	0.53
12	UP	26897	787119	105555			92031	2496747	65.11
13	Uttarakhand	1251	78760	8302			33640	532738	86.78
14	West Bengal	1377	0	6641			0	4138	0.90
15	Sikkim	0	0	8			0	0	0
16	A&N islands	0	0	2			0	0	0
17	Chandigarh	12	51	55			0	0	0
18	Arunachal Pradesh	208	0	24			0	0	0
19	Nagaland	0	0	52			0	0	0
20	Manipur	161	51	100			0	0	0
21	Mizoram	0	0	21			0	0	0
22	Tripura	574	127	2923			0	10481	6.27
23	Meghalaya	70	641	100			0	0	0
24	Gujarat	3960	0	33829			0	379466	14.36
25	Daman & Diu	20	0	32			0	0	0
26	Dadra & Nagar Haveli	21	0	44			0	0	0
27	Puducherry	81	7361	785			291	8159	9.33
28	Tamil Nadu	0	0	0			0	0	0
29	Andhra Pradesh	1570	1741	7356			0	103445	17.33
30	Telangana	1997	0	2278			0	106725	14.42
31	Odisha	2514	19949	21022			565	214898	15.76
32	Jharkhand	2383	38727	15695			81	124203	15.52
33	HP	254	1301	1070			7	8222	5.82
34	Lakshadweep	0	0	0			0	0	0
	<b>Total</b>	<b>104400</b>	<b>1553149</b>	<b>497279</b>			<b>350755</b>	<b>8215558</b>	

Data from April 2017 to Dec 19 is not available

Annexure referred to in Part (d) of the Lok Sabha Unstarred Question No. 4626 for answer on 24.03.2021

**Circle-wise number of villages in which BSNL Landline Exchanges are working**

S. No.	Circle	Number of villages in which BSNL Landline Exchanges are working
1	Andaman and Nicobar Islands	45
2	Andhra Pradesh	1289
3	Assam	394
4	Bihar	818
5	Chennai Telecom District	83
6	Tamil Nadu	1062
7	Chhattisgarh	298
8	Gujarat	1450
9	Haryana	558
10	Himachal Pradesh	529
11	Jammu and Kashmir	173
12	Jharkhand	289
13	Calcutta	0
14	West Bengal	841
15	Karnataka	1836
16	Kerala	1097
17	Madhya Pradesh	1542
18	Maharashtra	2894
19	North East 1	103
20	North East 2	76
21	Odisha	680
22	Punjab	1033
23	Rajasthan	1110
24	Telangana	609
25	Uttar Pradesh East	882
26	Uttar Pradesh West	486
27	Uttarakhand	231
	Total	20408

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