

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF DRINKING WATER AND SANITATION
LOK SABHA
STARRED QUESTION NO. 56
ANSWERED ON 28/11/2024

TAP WATER SUPPLY

*56. SHRI NARESH GANPAT MHASKE:
SHRI RAJESH VERMA:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the details of the number of households receiving tap water supply 24x7 without any interruptions in the country, State/UT-wise;
- (b) the details of the number of inspections conducted by the third parties for checking the sustainability of infrastructure before payment;
- (c) the data regarding the number of times water samples tested for ensuring the quality of water supplied;
- (d) the details of the number of laboratories established for testing water samples in each State/UT, along with the rate fixed for the water testing; and
- (e) the details of the challenges faced by the Government in implementing the Jal Jeevan Mission in the country particularly in Maharashtra and Bihar?

ANSWER

MINISTER OF JAL SHAKTI

(SHRI C.R. PATIL)

(a) to (e) A statement of reply is laid on the Table of the House.

Statement referred to in reply to part (a) to (e) of Lok Sabha Starred Question No. *56 answered on 28/11/2024

(a) Government of India is committed to make provision for safe & potable tap water supply in adequate quantity, of prescribed quality and on a regular & long-term basis to all rural households in the country. Towards this end, the Government of India has launched the Jal Jeevan Mission (JJM), being implemented in partnership with States, in August 2019. Drinking Water is a state subject, and hence, the responsibility of planning, approval, implementation, operation, and maintenance of drinking water supply schemes, including those under the Jal Jeevan Mission, lies with State/UT Governments. The Government of India supports the States by providing technical and financial assistance.

As per Operational Guidelines for the implementation of JJM, State needs to provide 55 liters per capita per day (LPCD) of drinking water to each rural household on regular basis. The schedule of the water service delivery including 24X7 supply or otherwise is decided by States/ Gram Panchayats. Such details are not maintained at Central level.

Atal Mission for Rejuvenation and Urban Transformation (AMRUT 2.0) for urban areas of the country, so far, 397 Drink from Tap projects worth ₹23,732.28 crore have been approved by Ministry of Housing and Urban Affairs (MoHUA) including 22 projects worth ₹3,232.73 crore in Bihar & 26 projects worth ₹5,477.13 crore in Maharashtra. The State-wise Drink from Tap projects approved under AMRUT 2.0 is at **Annex- I**.

(b) As per operational guidelines for the implementation of JJM, the States have been empowered to empanel the third-party inspections agencies (TPIA) to verify the quality of infrastructure, before making final payment to the implementing agencies. As on date, 21 States/ UTs have empaneled the TPIAs. The details of number of inspections conducted by these TPIAs are not maintained at Central level.

(c) & (d) To enable States/ UTs to test water samples for water quality, and for sample collection, reporting, monitoring and surveillance of drinking water sources, an online JJM – Water Quality Management Information System (WQMIS) portal has been developed. The State-wise details of water quality test reported through WQMIS are available in public domain and can be accessed at:

<https://ejalshakti.gov.in/WQMIS/Main/report>

As reported by States/UTs on JJM-WQMIS portal, during 2023-24, more than 75 lakh water samples (from 92.36 % of villages) have been tested in the water testing laboratories and more than 108.54 lakh water samples (from 72.30% of village) using Field Testing Kits. As on 22.11.2024, more than 48.25 lakh samples in labs (from 84.89% villages) and 69.33 lakh samples using FTKs (from 56.54% of villages) have been tested so far during 2024-25. State-wise details of samples tested in laboratories and using Field Testing Kits during 2024-25 and 2023-24 are at **Annex-II**.

As reported by States/UTs, so far 2,160 drinking water quality testing laboratories at different levels viz. State, regional, district, sub-division and/or block level, have been set up in the country. State-wise details of drinking water quality testing laboratories is at **Annex-III**. To encourage water quality testing to ensure potable drinking water supply, States/ UTs have opened

water quality testing laboratories to general public for testing of their water samples at a nominal rate. The suggested rates are at **Annex-IV**.

(e) States have informed that lack of dependable drinking water sources in water-stressed, drought prone and desert areas, presence of geo-genic contaminants in ground water, uneven geographical terrain, scattered rural habitations, delay in release of the matching State share in some States, lack of technical capacity with implementing agencies, Gram Panchayats and local communities to plan, manage, operate & maintain the water supply schemes, rising price of raw materials, delay in obtaining statutory/ other clearances, etc. are a few of problems being faced by the States in the implementation of the Mission. Further, CoVID-19 pandemic and poor availability of raw materials especially DI/ HDPE pipes due to Russia-Ukraine military conflict have also impacted the pace of implementation in the States including State of Maharashtra.

Further, the State of Bihar has informed that litigation challenges in execution of drinking water supply projects has led to delay in implementation of the water supply projects in the State.

**Annex referred to in reply of part (a) of Lok Sabha Starred Q.No. 56 for answer on
28.11.24**

State-wise Drink from Tap projects approved under AMRUT 2.0

S. No.	State/ UT	No.	Cost (₹ crore)
1	Andhra Pradesh	13	1092.86
2	Arunachal Pradesh	2	33.78
3	Assam	16	547.13
4	Bihar	22	3232.73
5	Chandigarh	2	60.00
6	Chhattisgarh	8	136.00
7	Gujarat	4	361.04
8	Himachal Pradesh	11	216.58
9	Jammu & Kashmir	1	4.54
10	Karnataka	61	2349.39
11	Kerala	10	80.77
12	Madhya Pradesh	23	3634.31
13	Maharashtra	26	5477.13
14	Manipur	1	27.90
15	Meghalaya	1	121.00
16	Mizoram	1	16.00
17	Odisha	48	463.90
18	Puducherry	1	12.65
19	Punjab	3	45.26
20	Rajasthan	41	990.67
21	Sikkim	1	26.30
22	Tamil Nadu	16	2263.47
23	Telangana	1	217.00
24	Uttar Pradesh	57	1278.06
25	Uttarakhand	1	10.01
26	West Bengal	26	1033.81
Total		397	23732.28

Annex referred to in reply of part (c) & (d) of Lok Sabha Starred Q.No. 56 for answer on 28.11.24

State/UT-wise details of water samples tested in laboratories and using Field Testing Kits (FTKs) during 2024-25 (as on 22/11/2024)

S. No.	Name of State/ UT	No. of Villages	Quality Testing in labs			Quality Testing using FTKs		
			No. of Water samples tested	No. of villages wherein testing reported	% of villages tested	No. of Water samples tested	No. of villages wherein testing reported	% of villages tested
1.	A & N Islands	265	456	54	20.38	16	2	0.75
2.	Andhra Pradesh	15,999	3,88,345	14,995	93.72	2,14,060	11,741	73.39
3.	Arunachal Pradesh	5,133	13,444	2,702	52.64	8,013	1,386	27.00
4.	Assam	24,204	1,66,620	22,185	91.66	5,72,588	20,564	84.96
5.	Bihar	36,953	1,56,891	25,981	70.31	1,223	234	0.63
6.	Chhattisgarh	19,656	79,621	12,042	61.26	1,52,353	15,230	77.48
7.	D&NH and DD	96	-	-	-	177	14	14.58
8.	Goa	373	8,129	373	100.00	-	-	-
9.	Gujarat	18,024	38,122	8,168	45.32	2,53,635	16,678	92.53
10.	Haryana	6,600	37,484	3,557	53.89	2,241	526	7.97
11.	Himachal Pradesh	17,659	1,50,110	16,538	93.65	79,612	12,540	71.01
12.	Jammu & Kashmir	6,153	1,51,062	6,065	98.57	409	93	1.51
13.	Jharkhand	29,398	1,35,766	27,595	93.87	6,31,128	28,159	95.79
14.	Karnataka	26,432	1,89,315	22,961	86.87	5,48,146	25,640	97.00
15.	Kerala	1,435	3,79,656	1,378	96.03	396	25	1.74
16.	Ladakh	240	7,985	240	100.00	503	137	57.08
17.	Lakshadweep	10	4,567	9	90.00	-	-	-
18.	Madhya Pradesh	51,011	3,32,252	45,581	89.36	3,03,385	35,651	69.89
19.	Maharashtra	40,289	3,19,509	36,889	91.56	3,04,051	34,088	84.61
20.	Manipur	2,556	14,198	2,531	99.02	8,162	777	30.40
21.	Meghalaya	6,457	27,484	5,039	78.04	11,753	2,687	41.61
22.	Mizoram	637	12,650	572	89.80	2,410	130	20.41
23.	Nagaland	1,425	3,965	1,300	91.23	12,586	1,173	82.32
24.	Odisha	46,422	1,80,818	40,675	87.62	1,99,714	15,409	33.19
25.	Puducherry	91	214	30	32.97	14	9	9.89
26.	Punjab	11,977	38,941	11,570	96.60	1,01,192	11,064	92.38
27.	Rajasthan	41,917	1,26,786	25,347	60.47	66,439	13,006	31.03
28.	Sikkim	400	3,908	231	57.75	5,663	359	89.75
29.	Tamil Nadu	11,816	6,28,193	11,756	99.49	26,684	1,526	12.91
30.	Telangana	9,586	1,69,939	8,078	84.27	-	-	-
31.	Tripura	765	51,514	761	99.48	23,651	443	57.91
32.	Uttar Pradesh	97,090	6,28,510	89,461	92.14	32,00,539	76,726	79.03
33.	Uttarakhand	14,967	74,193	14,878	99.41	1,469	496	3.31
34.	West Bengal	38,173	3,05,134	36,413	95.39	2,01,208	3,814	9.99
Total		5,84,209	48,25,781	4,95,955	84.89	69,33,420	3,30,327	56.54

Source: JJM-IMIS

State/UT-wise details of water samples tested in laboratories and using Field Testing Kits (FTKs) during 2023-24

S. No.	Name of State/ UT	No. of Villages	Quality Testing in labs			Quality Testing usnig FTKs		
			No. of Water samples tested	No. of villages wherein testing reported	% of villages tested	No. of Water samples tested	No. of villages wherein testing reported	% of villages tested
1.	A & N Islands	265	984	180	67.92	351	40	15.09
2.	Andhra Pradesh	15,996	6,99,999	15,689	98.08	4,64,831	15,145	94.68
3.	Arunachal Pradesh	5,112	39,238	4,641	90.79	33,490	3,616	70.74
4.	Assam	24,146	2,97,405	23,674	98.05	12,14,852	20,512	84.95
5.	Bihar	36,419	1,60,783	25,326	69.54	49,736	6,047	16.60
6.	Chhattisgarh	19,641	1,23,175	16,096	81.95	2,97,229	18,103	92.17
7.	D&NH and DD	96	0	0	-	3,060	24	25.00
8.	Goa	373	10,336	371	99.46	22	13	3.49
9.	Gujarat	17,961	1,53,057	16,503	91.88	2,92,444	16,809	93.59
10.	Haryana	6,500	69,702	5,232	80.49	37,996	5,910	90.92
11.	Himachal Pradesh	17,272	2,20,428	16,576	95.97	1,47,982	15,641	90.56
12.	Jammu & Kashmir	5,584	2,53,364	5,580	99.93	34,793	628	11.25
13.	Jharkhand	29,210	2,14,431	28,814	98.64	7,85,488	27,796	95.16
14.	Karnataka	26,081	2,66,532	25,639	98.31	2,15,742	21,757	83.42
15.	Kerala	1,409	6,36,043	1,406	99.79	2,27,651	690	48.97
16.	Ladakh	240	7,706	235	97.92	1,809	233	97.08
17.	Lakshadweep	10	6,880	10	100.00	475	10	100.00
18.	Madhya Pradesh	50,919	5,74,409	49,080	96.39	6,56,077	42,501	83.47
19.	Maharashtra	40,199	6,42,396	39,614	98.54	2,46,187	32,622	81.15
20.	Manipur	2,550	17,413	2,545	99.80	16,352	1,171	45.92
21.	Meghalaya	6,457	51,836	5,943	92.04	17,172	3,743	57.97
22.	Mizoram	637	29,224	630	98.90	7,381	261	40.97
23.	Nagaland	1,425	7,947	1,331	93.40	20,249	1,363	95.65
24.	Odisha	46,422	2,60,445	45,121	97.20	4,02,332	40,834	87.96
25.	Puducherry	91	818	80	87.91	-	-	-
26.	Punjab	11,863	33,107	11,461	96.61	1,46,504	11,078	93.38
27.	Rajasthan	41,917	1,98,476	32,979	78.68	3,64,778	32,529	77.60
28.	Sikkim	400	15,527	396	99.00	9,566	390	97.50
29.	Tamil Nadu	11,560	8,48,706	11,560	100.00	9,12,785	11,560	100.00
30.	Telangana	9,458	2,91,673	9,458	100.00	1	1	0.01
31.	Tripura	765	50,701	736	96.21	61,371	714	93.33
32.	Uttar Pradesh	96,712	6,23,246	87,793	90.78	35,89,028	72,553	75.02
33.	Uttarakhand	14,861	1,19,958	14,837	99.84	34,975	4,750	31.96
34.	West Bengal	38,173	5,74,096	36,998	96.92	5,61,487	10,813	28.33
	Total	5,80,724	75,00,041	5,36,534	92.39	1,08,54,196	4,19,857	72.30

Source: JJM-IMIS

**Annex referred to in reply of part (c) & (d) of Lok Sabha Starred Q.No. 56 for answer on
28.11.24**

State-wise details of drinking water quality testing laboratories (As on 22/11/2024)

S. No.	State/ UT	No. of drinking water quality testing labs			
		State	Regional/ District	Block/ Sub Division/ Mobile	Total
1.	A & N Islands	1	3	7	11
2.	Andhra Pradesh	1	26	85	112
3.	Arunachal Pradesh	1	20	17	38
4.	Assam	1	34	48	83
5.	Bihar	1	38	84	123
6.	Chhattisgarh	1	29	45	75
7.	DNH & DD	-	2	-	2
8.	Goa	1	-	14	15
9.	Gujarat	1	33	46	80
10.	Haryana	1	21	22	44
11.	Himachal Pradesh	1	14	61	76
12.	Jammu & Kashmir	2	20	76	98
13.	Jharkhand	1	24	6	31
14.	Karnataka	5	31	48	84
15.	Kerala	4	14	71	89
16.	Ladakh	-	2	6	8
17.	Lakshadweep	-	-	9	9
18.	Madhya Pradesh	1	51	103	155
19.	Maharashtra	-	34	144	178
20.	Manipur	1	12	-	13
21.	Meghalaya	1	11	18	30
22.	Mizoram	1	8	18	27
23.	Nagaland	1	11	-	12
24.	Odisha	1	30	46	77
25.	Puducherry	-	2	-	2
26.	Punjab	1	23	9	33
27.	Rajasthan	2	32	20	54
28.	Sikkim	1	1	-	2
29.	Tamil Nadu	1	37	75	113
30.	Telangana	1	19	56	76
31.	Tripura	1	8	12	21
32.	Uttar Pradesh	1	75	62	138
33.	Uttarakhand	1	13	13	27
34.	West Bengal	2	23	199	224
Total		39	701	1,420	2,160

Annex-IV**Rates suggested to States/ UTs for testing of water samples for quality parameters***(Rate in Rupees)*

S. No.	Parameter	Individual Rate	Package Rate
1.	Odour	1	50
2.	Color	1	
3.	pH	1	
4.	Total dissolved solids	1	
5.	Turbidity	5	
6.	Total alkalinity	20	
7.	Total hardness	20	
8.	Residual Chlorine	1	
9.	Chloride	50	50
10.	Sulphate	50	50
11.	Iron	50	50
12.	Total Arsenic	100	100
13.	Fluoride	50	50
14.	Nitrate	50	50
15.	Total coliform bacteria	100	100
16.	E.Coli or thermo tolerant coliform bacteria	100	100
Total		600	600