

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI  
DEPARTMENT OF DRINKING WATER AND SANITATION

**LOKSABHA**  
**UNSTARRED QUESTION NO. 907**  
TO BE ANSWERED ON 02.12.2021

**WATER CONTAMINATION DATA**

907. SHRI ANUMULA REVANTH REDDY:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the data provided by the Union Government in November proves that the Telangana State has the sixth-highest percentage of drinking water samples that tested positive for bacteriological contamination among all States.;
- (b) if so, the data of water contamination for the last five years of all the States;
- (c) the steps taken by the Government to improve the situation; and
- (d) the funds allocated for all the States to decontaminate the water from bacteriological contamination?

**ANSWER**

THE MINISTER OF STATE FOR JAL SHAKTI  
(SHRI PRAHLAD SINGH PATEL)

(a) & (b) As reported by Telangana State on WQMIS during the year 2021-22, out of 174,725 samples tested, 411 samples are found to be contaminated. State-wise details of sample tested for the last five years are at **Annexed**.

(c) To make provision of potable tap water supply in adequate quantity, of prescribed quality and on regular & long-term basis to every rural household by 2024, since August, 2019, Government of India in partnership with States, is implementing Jal Jeevan Mission (JJM) – Har Ghar Jal including in water quality-affected habitations.

Under Jal Jeevan Mission, as per existing guidelines, Bureau of Indian Standard IS:10500 is to be adopted for ensuring safe drinking water supply and States/ UTs have been advised to carry out testing of drinking water sources once in year for chemical and physical parameters and twice in a year for bacteriological parameters. 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 is available in public domain on JJM Dashboard and can also be accessed at:

<https://neer.icmr.org.in/website/main.php>

To encourage water quality testing to ensure potable drinking water supply, States/ UTs have been advised to open water quality testing laboratories to general public at a nominal rate for testing of their water samples.

States/ UTs have been advised to identify and train 5 persons preferably women in each village viz. ASHA workers, health workers, VWSC members, teachers, etc. to conduct water quality tests using FTKs/ bacteriological vials at village level and report the same on the portal.

(d) Under Jal Jeevan Mission, States/UTs can utilize upto 2% of their annual allocation of funds for Water Quality Monitoring & Surveillance (WQM&S) activities *inter alia* which includes setting up and strengthening of water quality testing laboratories, procurement of equipment, instruments, chemicals, glassware, consumables, hiring of skilled manpower, surveillance by community using field test kits(FTKs), awareness generation, educational programmes on water quality, accreditation/ recognition of laboratories, etc.

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## Annex referred in the reply to Lok Sabha Unstarred Question No. 907 due for reply on 02.12.2021

## Number of water sample tested and found contaminants beyond permissible limit

S. No	State	2016-2017		2017-2018		2018-2019		2019-2020		2020-2021		2021-2022	
		Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated
1.	A & N Islands	NR	NR	NR	NR	NR	NR	NR	NR	427	23	372	23
2.	Andhra Pradesh	2,79,090	77,359	2,45,691	64,173	2,57,607	58,424	4,04,488	53,826	7,03,217	41,433	2,04,038	7,834
3.	Arunachal Pradesh	31,175	10	29,251	30	26,629	6	26,222	270	34,988	24	14,403	25
4.	Assam	2,08,399	50,279	2,07,504	45,566	2,09,157	45,913	3,63,281	53,306	5,57,140	89,661	88,920	9,366
5.	Bihar	1,35,534	7,569	1,18,804	18,315	1,58,997	7,533	2,21,915	19,635	2,22,715	38,488	75,982	8,795
6.	Chhattisgarh	1,13,943	38,541	43,225	3,510	49,744	3,803	51,317	2,879	49,997	2,719	28,972	807
7.	Goa	NR	NR	NR	NR	NR	NR	3,691	182	5,510	241	4,017	2
8.	Gujarat	2,92,095	5,793	3,00,077	31,963	2,95,165	24,290	3,44,545	34,173	2,57,467	23,986	1,39,754	7,328
9.	Haryana	1,33,731	14,343	1,37,164	12,409	1,65,945	12,709	1,24,879	11,151	1,56,004	15,136	5	0
10.	Himachal Pradesh	1,00,258	620	1,11,072	295	1,14,039	336	1,49,771	183	1,54,057	82	1,69,046	14
11.	Jammu & Kashmir	1,54,297	478	1,68,885	163	1,92,991	147	1,38,960	41	2,37,573	333	67,308	302
12.	Jharkhand	75,927	5,943	87,417	5,591	84,265	4,307	77,586	3,850	81,823	2,330	61,183	1,307
13.	Karnataka	4,26,285	52,426	46,978	14,853	2,129	857	86,954	13,391	1,45,233	18,049	70,490	5,990
14.	Kerala	2,22,977	96,721	2,41,061	1,09,860	2,38,377	1,06,741	2,21,942	94,210	1,93,640	80,134	1,13,936	78,946
15.	Ladakh	NR	NR	NR	NR	NR	NR	2,558	6	7,422	18	5,507	182
16.	Madhya Pradesh	5,89,099	13,066	5,63,688	10,729	5,26,317	10,487	5,96,087	10,238	7,21,398	7,714	1,87,329	1,277
17.	Maharashtra	5,05,155	70,350	4,83,553	62,297	6,67,018	62,629	7,08,540	58,498	7,44,450	59,830	5,827	587
18.	Manipur	2,799	3	3,399	1	3,095	3	3,414	0	10,184	0	2,109	1
19.	Meghalaya	9,105	553	4,075	7	17,405	11	23,152	13	37,843	12	4,098	51
20.	Mizoram	12,429	221	2,475	12	7,640	75	9,783	76	11,674	160	10,799	370

S. No	State	2016-2017		2017-2018		2018-2019		2019-2020		2020-2021		2021-2022	
		Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated	Total samples tested	Found Contaminated
21.	Nagaland	3,060	431	NR	NR	994	69	198	8	4,693	394	2,301	174
22.	Odisha	3,71,064	27,082	3,36,496	23,973	3,08,608	28,660	2,37,062	25,840	3,22,133	21,406	1,53,222	8,041
23.	Puducherry	NR	NR	NR	NR	NR	NR	195	12	NR	NR	NR	NR
24.	Punjab	53,935	3,053	41,035	2,290	72,651	2,141	73,978	1,842	72,807	1,764	6,187	320
25.	Rajasthan	1,41,476	65,871	94,241	42,209	1,19,302	46,581	1,87,790	67,997	1,24,049	37,357	59,382	16,990
26.	Sikkim	362	0	1,632	0	2,364	403	9,847	4,059	10,995	2,981	2,633	20
27.	Tamil Nadu	2,606	19	3,02,364	5,398	3,25,184	9,550	1,98,289	4,194	6,72,736	11,490	1,08,680	2,421
28.	Telangana	2,37,942	52,078	2,38,256	40,251	2,58,485	29,565	3,07,827	24,927	3,12,341	18,782	1,65,096	411
29.	Tripura	19,158	6,454	13,517	4,755	8,594	2,756	5,794	2,003	24,383	4,275	20,869	1,613
30.	Uttar Pradesh	34,073	3,803	19,943	2,343	33,469	7,680	55,275	10,129	1,38,283	17,340	57,587	10,298
31.	Uttarakhand	7,266	35	7,926	26	11,306	14	21,626	13	79,969	28	22,084	11
32.	West Bengal	4,29,472	1,69,422	7,30,094	2,39,114	8,00,450	2,64,281	7,60,720	2,45,020	5,84,080	1,64,216	3	1
	<b>Total</b>	<b>45,92,712</b>	<b>7,62,523</b>	<b>45,79,823</b>	<b>7,40,133</b>	<b>49,57,927</b>	<b>7,29,971</b>	<b>54,17,686</b>	<b>7,41,972</b>	<b>66,79,231</b>	<b>6,60,406</b>	<b>18,52,139</b>	<b>1,63,507</b>

NR-Not Reported

Source:JJM-IMIS/WQMIS