

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

LOK SABHA
UNSTARRED QUESTION NO. 2640
ANSWERED ON 16.03.2023.

NATIONAL WATER QUALITY SUB-MISSION

2640. COL. RAJYAVARDHAN RATHORE:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the details of the progress under the National Water Quality Sub-Mission under National Rural Drinking Water Programme (NRDWP) for providing safe drinking water in arsenic and fluoride affected habitations, State/UT-wise;
- (b) the number of fluoride affected regions that have been covered under the mission, State/UT-wise and district-wise for the State of Rajasthan;
- (c) the details of the funds allocated and utilized, year-wise and State/UT-wise;
- (d) whether there is underutilization of funds by the States and if so, the reasons therefor;
- (e) the measures being taken/proposed to be taken to increase the coverage under the said sub-mission and increase fund utilisation by the States;
- (f) the percentage of villages having Field Test Kits available, the number of women trained to conduct water quality tests, along with the percentage of households whose tap water was collected and tested last year, State/UT-wise; and
- (g) the number of fluoride affected habitations with Community Water Purification Plants?

ANSWER

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

(a) to (e) In March 2017, to provide potable drinking water to identified 27,544 Arsenic/ Fluoride-affected habitations in the country, National Water Quality Sub-Mission (NWQSM) was launched as part of National Rural Drinking Water Programme (NRDWP) which was subsequently subsumed under JJM. The NWQSM has been closed on 31st March, 2022.

As reported by States, safe drinking water has become available in all these identified 27,544 Arsenic/ Fluoride-affected habitations. State-wise details of Arsenic/ Fluoride-affected habitations identified under NWQSM is at **Annex-I**. District-wise details of Fluoride-affected habitations identified under NWQSM in Rajasthan is at **Annex-II**.

Year-wise and State-wise details of fund drawn and reported utilization under NWQSM during 2016-17 to 2021-22 is at **Annex-III**.

(f) As reported by states/UTs, about 19.31 lakh women have been trained for water quality testing

using FTKs. State-wise details of women trained is at **Annex-IV**.

As reported by State, 32.14 lakh drinking water samples from 1.22 lakh villages were tested using FTKs during 2021-22 and 87.10 lakh drinking water samples from 2.97 lakh villages have been tested during 2022-23. State/ UT-wise details of water quality testing using FTKs in 2021-22 and 2022-23 is at **Annex-V**.

(g) Since, planning, implementation and commissioning of piped water supply scheme based on a safe water source may take time, purely as an interim measure, States/ UTs have been advised to install community water purification plants (CWPPs) especially in Arsenic and Fluoride affected habitations to provide potable water to every household at the rate of 8–10 litre per capita per day (lpcd) to meet their drinking and cooking requirements. As reported by States, CWPPs have been installed in all the 445 habitations reported to have Fluoride contaminations beyond permissible limits in drinking water sources. State-wise details is at **Annex-VI**.

Annex-I referred to in the reply to Lok Sabha Unstarred Question No. 2640 answered on 16.03.2023

State-wise details of Arsenic/ Fluoride-affected habitations identified under NWQSM

S. No.	State	Nos. of targeted habitations <i>(as on 18.08.2016)</i>			No. of habitations covered/ quality improved
		Arsenic-affected habitations	Fluoride-affected habitations	Total no. of habitations	
1.	Andhra Pradesh	-	421	421	421
2.	Assam	3,726	155	3,881	3,881
3.	Bihar	1,077	1,043	2,120	2,120
4.	Chhattisgarh	-	75	75	75
5.	Haryana	45	200	245	245
6.	Jharkhand	130	998	1,128	1,128
7.	Karnataka	21	1,038	1,059	1,059
8.	Kerala	-	73	73	73
9.	Madhya Pradesh	-	136	136	136
10.	Maharashtra	-	100	100	100
11.	Odisha	-	65	65	65
12.	Punjab	492	285	777	777
13.	Rajasthan	-	6,849	6,849	6,849
14.	Telangana	-	1,041	1,041	1,041
15.	Uttar Pradesh	262	200	462	462
16.	West Bengal	8,066	1,046	9,112	9,112
Total		13,819	13,725	27,544	27,544

Source: JJM-IMIS

Annex-II referred to in the reply to Lok Sabha Unstarred Question No. 2640 answered on 16.03.2023

District-wise details of Fluoride-affected habitations identified under NWQSM in Rajasthan

S. No.	District	Nos. of identified habitations (As on 18.08.2016)	No. of habitations covered/ quality improved
1.	Ajmer	20	20
2.	Alwar	207	207
3.	Banswara	288	288
4.	Baran	8	8
5.	Barmer	643	643
6.	Bharatpur	41	41
7.	Bhilwara	74	74
8.	Bikaner	16	16
9.	Bundi	36	36
10.	Chittaurgarh	135	135
11.	Churu	203	203
12.	Dausa	151	151
13.	Dungarpur	233	233
14.	Ganganagar	5	5
15.	Hanumangarh	4	4
16.	Jaipur	366	366
17.	Jaisalmer	363	363
18.	Jalor	467	467
19.	Jhalawar	4	4
20.	Jhunjhunun	84	84
21.	Jodhpur	1,046	1,046
22.	Karauli	131	131
23.	Kota	59	59
24.	Nagaur	1,075	1,075
25.	Pali	142	142
26.	Pratapgarh	2	2
27.	Rajsamand	249	249
28.	Sawai Madhopur	61	61
29.	Sikar	103	103
30.	Sirohi	67	67
31.	Tonk	553	553
32.	Udaipur	13	13
Total		6,849	6,849

Source: JJM-IMIS

Annex-III

**Annex-III referred to in the reply to Lok Sabha Unstarred Question No. 2640 answered on 16.03.2023
Financial progress under NWQSM in Financial Year 2016-17**

(Amount in Crore)

S. no.	State	Central Share												Expenditure under State share
		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		
		Fund drawn	Reported utilization	Fund drawn	Reported utilization	Fund drawn	Reported utilization	Fund drawn	Reported utilization	Fund drawn	Reported utilization	Fund drawn	Reported utilization	
1.	Andhra Pradesh	0.12	-	15.43	-	10.19	-	-	4.11	-	9.40	-	2.44	18.07
2.	Assam	45.16	-	175.47	22.48	110.33	19.55	-	18.79	200.00	347.95	-	55.60	60.67
3.	Bihar	20.97	7.06	80.37	0.11	70.62	21.81	-	64.68	-	24.57	-	2.18	144.62
4.	Chhattisgarh	0.02	-	-	-	0.90	0.02	-	0.02	-	0.69	-	-	0.02
5.	Haryana	2.01	-	14.90	2.15	-	6.16	-	3.48	-	1.28	-	0.35	13.42
6.	Jharkhand	1.07	-	37.65	7.25	-	2.82	-	6.82	-	17.04	-	1.03	32.85
7.	Karnataka	8.28	-	-	1.08	18.71	0.92	-	0.23	-	-	-	-	2.38
8.	Kerala	2.31	-	-	-	2.12	1.86	-	0.42	-	-	-	-	2.29
9.	Madhya Pradesh	3.15	-	-	2.73	1.26	0.43	-	-	-	-	-	-	2.73
10.	Maharashtra	14.83	-	-	1.34	3.96	2.02	-	1.42	-	2.01	-	-	0.3
11.	Odisha	1.12	-	-	-	-	1.11	-	-	-	-	-	-	0.67
12.	Punjab	-	-	76.96	-	21.05	-	-	-	-	91.80	-	6.20	183.24
13.	Rajasthan	490.64	193.03	300.28	223.58	104.58	187.17	250.00	152.51	-	143.88	-	53.22	830.71
14.	Telangana	12.63	6.50	687.60	433.79	-	257.51	-	2.22	-	-	-	-	684.03
15.	Uttar Pradesh	26.31	7.77	8.47	11.48	15.17	11.42	-	11.17	20.00	8.10	-	3.66	52.21
16.	West Bengal	185.51	170.00	614.42	228.58	505.77	153.14	-	180.62	-	241.62	-	4.24	860.21

Source: JJM-IMIS

Annex-IV referred to in the reply to Lok Sabha Unstarred Question No. 2640 answered on 16.03.2023

State/ UT-wise details of women trained for water quality testing using FTKs

(as on 13.03.2023)

S. No.	State Name	No. of Women Trained
1.	A & N Islands	1,045
2.	Andhra Pradesh	86,765
3.	Arunachal Pradesh	17,494
4.	Assam	70,775
5.	Bihar	377
6.	Chhattisgarh	1,02,751
7.	DNH & DD	75
8.	Goa	241
9.	Gujarat	89,632
10.	Haryana	39,604
11.	Himachal Pradesh	69,867
12.	Jammu & Kashmir	14,670
13.	Jharkhand	39,461
14.	Karnataka	1,49,700
15.	Kerala	5,002
16.	Ladakh	1,357
17.	Lakshadweep	NR
18.	Madhya Pradesh	1,52,774
19.	Maharashtra	1,98,635
20.	Manipur	12,901
21.	Meghalaya	24,127
22.	Mizoram	3,060
23.	Nagaland	7,720
24.	Odisha	75,737
25.	Puducherry	1,104
26.	Punjab	61,185
27.	Rajasthan	46,271
28.	Sikkim	2,337
29.	Tamil Nadu	62,905
30.	Telangana	7,632
31.	Tripura	5,507
32.	Uttar Pradesh	5,00,657
33.	Uttarakhand	43,346
34.	West Bengal	36,961
Total		19,31,675

NR- Not Reported

Source: JJM-IMIS

Annex-V referred to in the reply to Lok Sabha Unstarred Question No. 2640 answered on 16.03.2023

State/UT-wise details of water samples tested using Field Testing Kits (FTKs) during 2021-22

S. No.	Name of State/ UT	No. of Villages	Water quality testing using FTKs	
			No. of villages wherein testing reported	No. of samples tested
1.	A&N Islands	266	81	828
2.	Andhra Pradesh	18,578	10,393	2,63,243
3.	Arunachal Pradesh	5,509	1,124	16,027
4.	Assam	25,335	5,073	3,03,465
5.	Bihar	39,036	NR	NR
6.	Chhattisgarh	19,682	17,334	8,82,140
7.	DNH & DD	96	NR	NR
8.	Goa	378	76	371
9.	Gujarat	18,187	13,883	52,364
10.	Haryana	6,713	5,954	1,47,764
11.	Himachal Pradesh	18,106	9,433	89,822
12.	Jammu & Kashmir	6,887	510	17,231
13.	Jharkhand	29,604	816	20,155
14.	Karnataka	28,335	10,430	1,42,840
15.	Kerala	1,578	1,201	3,83,402
16.	Ladakh	250	223	2,447
17.	Lakshadweep	10	NR	NR
18.	Madhya Pradesh	51,548	5,360	1,60,499
19.	Maharashtra	40,327	11,441	96,190
20.	Manipur	2,556	370	19,537
21.	Meghalaya	6,491	642	4,186
22.	Mizoram	686	205	10,052
23.	Nagaland	1,499	1,027	20,663
24.	Odisha	47,293	3,790	1,73,183
25.	Puducherry	246	NR	NR
26.	Punjab	11,972	2,705	53,628
27.	Rajasthan	43,364	2,712	5,576
28.	Sikkim	439	70	989
29.	Tamil Nadu	12,525	12,306	2,90,525
30.	Telangana	10,452	268	1,031
31.	Tripura	1,176	238	18,005
32.	Uttar Pradesh	97,568	1,696	29,916
33.	Uttarakhand	15,041	2,707	7,981
34.	West Bengal	39,179	1	1
Total		6,00,912	1,22,069	32,14,061

NR: Not Reported

Source: JJM-IMIS

State/UT-wise details of water samples tested using Field Testing Kits (FTKs) during 2022-23
(as on 13.03.2023)

S. No.	Name of State/ UT	No. of Villages	Water quality testing using FTKs	
			No. of villages wherein testing reported	No. of samples tested
1.	A&N Islands	266	48	511
2.	Andhra Pradesh	18,357	16,138	5,69,009
3.	Arunachal Pradesh	5,509	1,390	14,884
4.	Assam	25,243	7,448	1,79,862
5.	Bihar	38,902	1,028	7,109
6.	Chhattisgarh	19,682	16,299	6,31,627
7.	DNH & DD	96	1	1
8.	Goa	378	35	241
9.	Gujarat	18,152	15,677	1,29,733
10.	Haryana	6,713	6,440	1,48,730
11.	Himachal Pradesh	18,066	14,768	1,30,981
12.	Jammu & Kashmir	6,778	853	35,775
13.	Jharkhand	29,595	10,857	2,02,500
14.	Karnataka	28,333	26,246	5,00,727
15.	Kerala	1,578	575	1,91,445
16.	Ladakh	250	174	3,354
17.	Lakshadweep	10	NR	NR
18.	Madhya Pradesh	51,415	17,574	4,67,536
19.	Maharashtra	40,327	34,287	6,06,954
20.	Manipur	2,556	1,301	20,744
21.	Meghalaya	6,491	1,160	7,331
22.	Mizoram	677	239	4,006
23.	Nagaland	1,548	1,447	24,248
24.	Odisha	47,274	37,037	4,74,142
25.	Puducherry	246	1	2
26.	Punjab	11,900	10,609	1,65,876
27.	Rajasthan	43,249	5,967	24,064
28.	Sikkim	439	394	5,925
29.	Tamil Nadu	12,525	12,525	7,89,651
30.	Telangana	10,452	8	20
31.	Tripura	1,176	412	11,230
32.	Uttar Pradesh	98,445	38,990	31,68,507
33.	Uttarakhand	15,029	5,061	24,890
34.	West Bengal	39,158	12,211	1,68,151
Total		6,00,815	2,97,200	87,09,766

NR: Not Reported

Source: JJM-IMIS

Annex-VI referred to in the reply to Lok Sabha Unstarred Question No. 2640 answered on 16.03.2023

State-wise details of Fluoride-affected habitations

S. No.	State	Number of Fluoride-affected habitations	
		Total no. of habitations	No. of habitations Covered with CWPP
1.	Jharkhand	2	2
2.	Kerala	4	4
3.	Odisha	33	33
4.	Punjab	176	176
5.	Rajasthan	152	152
6.	Uttar Pradesh	38	38
7.	West Bengal	40	40
Total		445	445

Source: JJM-IMIS