

Arsenic contamination in drinking water

*3. SHRI RAVI PRAKASH VERMA: Will the Minister of DRINKING WATER AND SANITATION be pleased to state:

(a) the mechanism adopted by Integrated Management Information System of the Ministry to compile data regarding the number of people affected by Arsenic contaminated drinking water in the country;

(b) whether there is any mechanism under the Ministry to verify and crosscheck the data with ground realities;

(c) if so, the details thereof, State-wise;

(d) if not, the reasons therefor; and

(e) the details of the people/households affected by Arsenic, Fluoride and Mercury contamination in drinking water and who have been provided with safe drinking water during the last three years, State-wise?

THE MINISTER OF DRINKING WATER AND SANITATION (SUSHRI UMA BHARATI): (a) to (d) As reported by the States in Integrated Management Information System (IMIS) of the Ministry as on 29.01.2019, with the financial assistance from National Rural Drinking Water Programme (NRDWP) States have set up 2,238 water quality testing laboratories at various levels in the country. Laboratories are established at Block Level, District Level and at State Level. All the data entered by various labs are approved at State level and only approved data is displayed in IMIS.

(e) State-wise number of habitations affected by arsenic, fluoride and mercury as on 01/04/2016, 01/04/2017 and 01/04/2018 and number of habitations with population provided with safe drinking water during financial year 2016-17, 2017-18 and 2018-19 (till 29.01.2019), as reported by the States in Integrated Management Information System (IMIS) of the Ministry are given in the Statement-I to III.

Statement-I

State-wise number of habitations affected by Arsenic, Fluoride and Mercury as on 01/04/2016 and number of habitations population provided with safe drinking water during financial year 2016-17, as reported by the States in IMIS of the Ministry

Sl. No.	State	Arsenic			Fluoride			Mercury	
		No. of habs. as on 01/04/2016	No. of Habs Covered in 2016-17	Population of Covered habs. in 2016-17	No. of habs. as on 01,04.2016	No. of habs. Covered in 2016-17	Population of Covered habs. in 2016-17	No. of habs. as on 01/04/2016	No. of habs Covered in 2016-17
1	2	3	4	5	6	7	8	9	10
1.	Andaman and Nicobar Islands	0	0	0	0	0	0	0	0
2.	Andhra Pradesh	0	0	0	494	52	38274	0	0
3.	Arunachal Pradesh	0	0	0	0	0	0	0	0
4.	Assam	3726	38	19462	155	1	476	0	0
5.	Bihar	1077	19	17618	1093	172	136126	0	0
6.	Chhattisgarh	0	0	0	75	3	841	0	0
7.	Goa	0	0	0	0	0	0	0	0
8.	Gujarat	0	0	0	13	13	20857	0	0
9.	Haryana	0	0	0	200	9	22471	0	0
10.	Himachal Pradesh	0	0	0	0	0	0	0	0
11.	Jammu and Kashmir	0	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10
12.	Jharkhand	132	29	35554	1000	30	22546	0	0
13.	Karnataka	21	5	6797	1071	564	332416	0	0
14.	Kerala	0	0	0	73	0	0	0	0
15.	Madhya Pradesh	0	0	0	228	188	66833	0	0
16.	Maharashtra	0	0	0	100	20	32973	0	0
17.	Manipur	0	0	0	0	0	0	0	0
18.	Meghalaya	0	0	0	0	0	0	0	0
19.	Mizoram	0	0	0	0	0	0	0	0
20.	Nagaland	0	0	0	0	0	0	0	0
21.	Odisha	0	0	0	70	8	6985	0	0
22.	Puducherry	0	0	0	0	0	0	0	0
23.	Punjab	500	37	52987	286	9	9885	22	1
24.	Rajasthan	0	0	0	6858	538	469232	0	0
25.	Sikkim	0	0	0	0	0	0	0	0
26.	Tamil Nadu	0	0	0	0	0	0	0	0
27.	Telangana	0	0	0	1043	15	8910	0	0
28.	Tripura	0	0	0	0	0	0	0	0
29.	Uttar Pradesh	262	5	10288	229	50	39168	0	0
30.	Uttarakhand	0	0	0	0	0	0	0	0

31. West Bengal	8365	913	1837478	1067	49	22842	0	0
TOTAL	14083	1046	1980184	14055	1721	1230835	22	1

Statement-II

State-wise number of habitations affected by Arsenic, Fluoride and Mercury as on 01.04.2017 and number of habitations population provided with safe drinking water during financial year 2017-18, as reported by the States in IMIS of the Ministry

Sl. No.	State	Arsenic			Fluoride			Mercury	
		as on 01/04/2017	No. of habs. Covered in 2017-18	Population of Covered habs. in 2017-18	as on 01.04.2017	No. of habs. Covered in 2017-18	Population of Covered habs. in 2017-18	as on 01.04.2017	No. of habs. Covered in 2017-18
1	2	3	4	5	6	7	8	9	10
1.	Andaman and Nicobar Islands	0	0	0	0	0	0	0	0
2.	Andhra Pradesh	0	0	0	352	7	2547	0	0
3.	Arunachal Pradesh	0	0	0	0	0	0	0	0
4.	Assam	4523	107	46199	291	8	3321	0	0
5.	Bihar	877	6	7490	901	3	2055	0	0
6.	Chhattisgarh	20	1	50	406	6	5928	0	0
7.	Goa	0	0	0	0	0	0	0	0
8.	Gujarat	0	0	0	0	0	0	0	0
9.	Haryana	0	0	0	119	1	588	0	0

1	2	3	4	5	6	7	8	9	10
10.	Himachal Pradesh	0	0	0	0	0	0	0	0
11.	Jammu and Kashmir	0	0	0	5	1	990	0	0
12.	Jharkhand	102	1	1320	610	76	88461	0	0
13.	Karnataka	4	1	631	745	248	223598	0	0
14.	Kerala	0	0	0	68	34	117823	0	0
15.	Madhya Pradesh	0	0	0	174	8	8224	0	0
16.	Maharashtra	0	0	0	82	15	32276	0	0
17.	Manipur	0	0	0	0	0	0	0	0
18.	Meghalaya	0	0	0	0	0	0	0	0
19.	Mizoram	0	0	0	0	0	0	0	0
20.	Nagaland	0	0	0	0	0	0	0	0
21.	Odisha	0	0	0	106	2	245	0	0
22.	Puducherry	0	0	0	0	0	0	0	0
23.	Punjab	752	57	78111	310	12	15487	20	1
24.	Rajasthan	0	0	0	6695	756	526603	0	0
25.	Sikkim	0	0	0	0	0	0	0	0
26.	Tamil Nadu	0	0	0	0	0	0	0	0
27.	Telangana	0	0	0	1028	1027	1413627	0	0
28.	Tripura	0	0	0	0	0	0	0	0
29.	Uttar Pradesh	748	0	0	179	0	0	0	0
30.	Uttarakhand	0	0	0	0	0	0	0	0

31. West Bengal	11232	1476	2127401	1421	128	149755	0	0
TOTAL	18258	1649	2261202	13492	2332	2591528	20	1

Statement-III

State-wise number of habitations affected by Arsenic, Fluoride and Mercury as on 01.04.2018 and number of habitations population provided with safe drinking water during financial year 2018-19 (till 29.01.2019), as reported by the States in IMIS of the Ministry

Sl. No.	State	Arsenic			Fluoride			Mercury	
		as on 01.04.2018	No. of habs. Covered in 2018-19	Population of Covered habs. in 2018-19	as on 01.04.2018	No. of habs. Covered in 2018-19	Population of Covered habs. in 2018-19	as on 01.04.2018	No. of habs. Covered in 2018-19
1	2	3	4	5	6	7	8	9	10
1.	Andaman and Nicobar Islands	0	0	0	0	0	0	0	0
2.	Andhra Pradesh	0	0	0	345	28	17103	0	0
3.	Arunachal Pradesh	0	0	0	0	0	0	0	0
4.	Assam	4382	80	38401	267	7	2450	0	0
5.	Bihar	817	2	65	805	24	13120	0	0
6.	Chhattisgarh	0	0	0	285	3	1648	0	0
7.	Goa	0	0	0	0	0	0	0	0
8.	Gujarat	0	0	0	0	0	0	0	0
9.	Haryana	0	0	0	104	1	660	0	0
10.	Himachal Pradesh	0	0	0	0	0	0	0	0
11.	Jammu and Kashmir	0	0	0	4	0	0	0	0

1	2	3	4	5	6	7	8	9	10
12.	Jharkhand	19	0	0	198	0	0	0	0
13.	Karnataka	3	0	0	479	103	90687	0	0
14.	Kerala	0	0	0	32	0	0	0	0
15.	Madhya Pradesh	0	0	0	143	3	4359	0	0
16.	Maharashtra	0	0	0	65	2	849	0	0
17.	Manipur	0	0	0	0	0	0	0	0
18.	Meghalaya	0	0	0	0	0	0	0	0
19.	Mizoram	0	0	0	0	0	0	0	0
20.	Nagaland	0	0	0	0	0	0	0	0
21.	Odisha	0	0	0	100	3	1741	0	0
22.	Puducherry	0	0	0	0	0	0	0	0
23.	Punjab	659	7	9717	301	3	1429	17	2
24.	Rajasthan	0	0	0	5474	331	352007	0	0
25.	Sikkim	0	0	0	0	0	0	0	0
26.	Tamil Nadu	0	0	0	0	0	0	0	0
27.	Telangana	0	0	0	0	0	0	0	0
28.	Tripura	0	0	0	0	0	0	0	0
29.	Uttar Pradesh	748	7	9516	179	1	386	0	0
30.	Uttarakhand	0	0	0	0	0	0	0	0
31.	West Bengal	9648	398	473212	1286	23	10794	0	0
TOTAL		16276	494	530911	10067	532	497233	17	2