

**GOVERNMENT OF INDIA
MINISTRY OF DRINKING WATER & SANITATION**

**LOK SABHA
UNSTARRED QUESTION NO.1338
TO BE ANSWERED ON 09.02.2017**

Water Quality

†1338. SHRIMATI. SANTOSH AHLAWAT
SHRI J.J.T. NATTERJEE,
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Will the Minister of DRINKING WATER AND SANITATION be pleased to state?

- (a) the number of people along with the number of habitations exposed to health hazards owing to drinking water containing excess arsenic, fluoride, iron, salinity and nitrate in the country, State-wise, including Rajasthan;
- (b) whether the Government has taken steps in this regard and if so, the details thereof;
- (c) whether the Government is planning urgent investments to tackle the crisis of water quality focusing on water treatment solutions such as reverse osmosis and also on improving water storage infrastructure for water table recharging ; and
- (d) if so, the details thereof?

**ANSWER
MINISTER OF STATE
IN THE MINISTRY OF DRINKING WATER & SANITATION
(SHRI RAMESH CHANDAPPA JIGAJINAGI)**

- (a) State-wise number of water quality affected habitations with population as reported by the States including Rajasthan into the Online Integrated Management Information System (IMIS) of the Ministry as on 5th February, 2017, which are yet to be provided safe drinking water is at Annexure.
- (b) to (d) Rural drinking water supply is a state subject. This Ministry supplements the efforts of the States by providing them with technical and financial assistance through the centrally sponsored National Rural Drinking Water Programme (NRDWP) for providing safe drinking water to rural population.

Up to 67% fund allocated to the States under NRDWP can be utilized for coverage and tackling water quality problems. Further, 5% of the NRDWP funds are earmarked for Water Quality and allocated to those States with habitations affected by excess chemical contamination and with high priority districts affected by Japanese Encephalitis/Acute Encephalitis Syndrome. In addition to this, 3% NRDWP fund is also provided for water quality monitoring and surveillance, which inter alia include taking up works relating to setting up of new / up-gradation of State /district/sub district water quality testing laboratories, providing chemicals and consumables to laboratories, hiring of manpower in laboratories, providing field test kits/refills and bacteriological vials to Gram Panchayats etc.

For improving source sustainability, upto 10% of NRDWP funds allocated to States could be utilized for activities like artificial recharging of ground water based drinking water sources.

States have been asked to focus on piped water supply schemes from safe and perennial surface water sources for sustainability of the schemes in water quality affected habitations. As immediate measures, States have been provided an amount of Rs. 800 Crores in March' 2016 as 100% grant by Government of India on the recommendation of NITI Aayog to provide 8-10 litres per capita per day of safe drinking water in arsenic and fluoride affected habitations for drinking and cooking purposes, as short term measures through Community Water Purification Plants, which inter alia may include Reverse Osmosis based Community Water Purification Plants. In addition, funds to the tune of Rs.100 Crore each are also provided for tackling arsenic and fluoride problems in West Bengal and Rajasthan respectively for the last mile connectivity in commissioning surface water based piped water supply schemes.

In addition to this, the Ministry has formulated the National Water Quality Sub-Mission under NRDWP for focused funding to implement piped water supply schemes in arsenic and fluoride affected habitations for providing safe drinking water on a long term sustainable basis.

Annexure: referred to in the reply to Lok Sabha Unstarred Question No. 1338 due for reply on 09/02/2017

State-wise number of water quality affected habitations with population as reported by the States into IMIS of the Ministry as on 05th February, 2017

S. No.	State	Contamination Wise Number Of Habitations & Population													
		Fluoride		Arsenic		Iron		Salinity		Nitrate		Heavy Metal		Total	
		Habs	Population	Habs	Population	Habs	Population	Habs	Population	Habs	Population	Habs	Population	Habs	Population
1	ANDAMAN & NICOBAR	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	ANDHRA PRADESH	447	312153	0	0	0	0	71	79197	4	13199	0	0	522	404549
3	ARUNACHAL PRADESH	0	0	341	23278	47	9732	0	0	0	0	0	0	388	33010
4	ASSAM	155	69520	3706	1448683	6348	2416601	0	0	0	0	6	4190	10215	3938994
5	BIHAR	1013	1297526	1065	1688609	2498	2544025	1	391	4	3985	0	0	4581	5534536
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHATTISGARH	75	27669	0	0	774	225042	3	1624	1	121	0	0	853	254456
8	DADRA & NAGAR HAVELI	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	DAMAN & DIU	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	GOA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	GUJARAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	HARYANA	197	495251	45	142944	0	0	8	17967	0	0	0	0	250	656162
13	HIMACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	JAMMU AND KASHMIR	0	0	7	5656	4	2297	0	0	0	0	0	0	11	7953
15	JHARKHAND	997	517446	129	120580	2046	714097	1	271	6	2516	0	0	3179	1354910
16	KARNATAKA	952	546309	20	51912	100	59668	74	32577	495	353393	1	346	1642	1044205
17	KERALA	73	210067	3	7651	223	507482	103	205858	37	93163	0	0	439	1024221
18	LAKSHADWEEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	MADHYA PRADESH	109	32115	0	0	5	1387	12	9205	0	0	0	0	126	42707
20	MAHARASHTRA	93	214133	1	87	20	22661	150	241035	105	295676	0	0	369	773592
21	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	MEGHALAYA	0	0	1	169	10	7621	0	0	0	0	0	0	11	7790
23	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	NAGALAND	0	0	0	0	43	21597	0	0	0	0	0	0	43	21597
25	ODISHA	62	20340	2	146	1628	458085	127	45024	3	1610	0	0	1822	525205
26	PUDUCHERRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PUNJAB	282	336652	476	569515	238	214010	17	13067	152	173362	2064	2596283	3229	3902889
28	RAJASTHAN	6589	4582470	3	6020	6	4852	12862	2887013	1034	788456	0	0	20494	8268811
29	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	TAMIL NADU	0	0	0	0	204	101095	50	20468	1	292	0	0	255	121855
31	TELANGANA	1041	1420415	0	0	36	48492	184	314892	151	234288	0	0	1412	2018087
32	TRIPURA	0	0	0	0	2587	1204358	0	0	0	0	0	0	2587	1204358
33	UTTAR PRADESH	200	328219	262	345089	1	2191	82	56424	1	3167	0	0	546	735090
34	UTTARAKHAND	0	0	0	0	14	73781	0	0	3	12810	0	0	17	86591
35	WEST BENGAL	1039	608486	7873	10526862	3766	3406210	147	132664	1	743	0	0	12826	14674965
	Total	13324	11018771	13934	14937201	20598	12045284	13892	4057677	1998	1976781	2071	2600819	65817	46636533

