

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

**LOK SABHA
UNSTARRED QUESTION NO.1736
TO BE ANSWERED ON 28/12/2017**

Contaminated Drinking Water Sources

1736. SHRI JITENDRA CHAUDHURY:

Will the Minister of DRINKING WATER AND SANITATION be pleased to state:

- (a) whether most of the drinking water sources in the country are contaminated by sewage and agriculture run off and if so, the details thereof; and
- (b) whether according to an estimate, 21% of communicable diseases in the country are related to unsafe drinking water and if so, the details thereof and corrective measures proposed in this regard?

ANSWER

**MINISTER OF STATE FOR MINISTRY OF DRINKING WATER AND SANITATION
(SHRI S.S.AHLUWALIA)**

(a) & (b): Sewage and agriculture run-off are likely to contaminate the drinking water sources. The State/UT-wise number of habitations affected by arsenic, fluoride, iron, salinity, nitrates and heavy metals as reported by the States into the online Integrated Management Information System (IMIS) of the Ministry as on 22/12/2017 is at Annexure.

The Ministry is aware that 21% of communicable diseases are related to unsafe water and diarrhea alone causes over 1,600 deaths everyday, according to World Bank estimate. Consumption of unsafe water can cause a variety of water borne diseases including diarrhea. The Ministry has suggested the States to adopt proper disinfection of drinking water supply so that water borne and water related diseases can be controlled. The States have been advised that while providing drinking water through piped water supply schemes, mandatorily include chlorination as a unit process into the water treatment plant so that residual chlorine of at least 0.2 mg/litre and zero E-coli are maintained as per IS-10500 standard of Bureau of Indian Standards, Government of India.

**Annexure referred to in the reply to Lok Sabha Unstarred Question No. 1736 due
for reply on 28/12/2017**

**State-wise number of water quality affected habitations as reported by the
States into the online Integrated Management System of the Ministry as on
22/12/2017**

S.No.	Name of the State/UT	Contamination Wise Number Of Habitations affected by						
		Total	Fluoride	Arsenic	Iron	Salinity	Nitrate	Heavy Metal
		Habs	Habs	Habs	Habs	Habs	Habs	Habs
1	ANDAMAN and NICOBAR	0	0	0	0	0	0	0
2	ANDHRA PRADESH	418	349	0	1	62	6	0
3	ARUNACHAL PRADESH	31	0	0	31	0	0	0
4	ASSAM	11024	285	4518	6214	0	0	7
5	BIHAR	4231	898	871	2462	0	0	0
6	CHATTISGARH	1170	405	19	734	2	10	0
7	GOA	0	0	0	0	0	0	0
8	GUJARAT	0	0	0	0	0	0	0
9	HARYANA	128	119	0	0	9	0	0
10	HIMACHAL PRADESH	0	0	0	0	0	0	0
11	JAMMU AND KASHMIR	16	4	0	12	0	0	0
12	JHARKHAND	2896	552	102	2235	0	4	0
13	KARNATAKA	1050	600	4	78	40	327	1
14	KERALA	363	34	0	199	98	32	0
15	MADHYA PRADESH	187	171	0	5	11	0	0
16	MAHARASHTRA	283	81	0	17	94	91	0
17	MANIPUR	0	0	0	0	0	0	0
18	MEGHALAYA	32	0	0	32	0	0	0
19	MIZORAM	0	0	0	0	0	0	0
20	NAGALAND	30	0	0	30	0	0	0
21	ODISHA	3051	105	0	2566	380	0	0
22	PUDUCHERRY	0	0	0	0	0	0	0
23	PUNJAB	3600	304	720	275	14	148	2139
24	RAJASTHAN	19893	6159	0	5	12655	1074	0
25	SIKKIM	0	0	0	0	0	0	0
26	TAMIL NADU	198	0	0	176	22	0	0
27	TELANGANA	1350	987	0	36	182	145	0
28	TRIPURA	2544	0	0	2544	0	0	0
29	UTTAR PRADESH	1379	179	748	362	80	10	0
30	UTTARAKHAND	16	0	0	13	0	3	0
31	WEST BENGAL	18812	1336	10928	5792	483	0	273
Total		72702	12568	17910	23819	14132	1850	2420