

**GOVERNMENT OF INDIA  
MINISTRY OF HEALTH AND FAMILY WELFARE  
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA  
UNSTARRED QUESTION NO. 1848  
TO BE ANSWERED ON 12<sup>TH</sup> February, 2021**

**WATER BORNE INFECTIOUS DISEASES**

**1848. SHRI RAMCHARAN BOHRA:**

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) whether lakhs of people lose their lives due to water borne infectious diseases every year;
- (b) if so, the details of total number of Bacteriologists working in the country at present, State/UT-wise;
- (c) whether the number of Bacteriologists in the country are sufficient in view of the overall population of the country, if so, the details thereof;
- (d) whether there is any provision for setting up well-equipped laboratories in hilly, far-flung and backward areas of the country; and
- (e) if so, the details thereof?

**ANSWER  
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND  
FAMILY WELFARE  
(SHRI ASHWINI KUMAR CHOUBEY)**

(a): As per the data reported by Central Bureau of health Intelligence (CBHI), the details of deaths due to water borne diseases in the country in the year 2018 and 2019 are place at Annexure-I.

(b) to (e): As per information provide by Ministry of Jal Shakti, Government of India is implementing Jal Jeevan Mission(JJM) in partnership with States, to provide tap water supply to every rural household by 2024. Under JJM, upto 2% of the allocation to States/UTs can be utilized for Water Quality Monitoring & Surveillance activities (WQM&S), inter-alia including for setting up / upgrading of various level drinking water quality testing laboratories, procurement of equipments, instruments, chemicals, glassware's, consumables and outsourcing of services, etc. The state-wise details of water quality testing laboratories and bacteriologists, as reported by State/UTs in JJM-Integrated Management Information System(IMIS) are at Annexure-II.

Under the sub-cadre of Central Health Scheme (CHS) in Ministry of Health & Family Welfare, the sanctioned strength for the posts of Bacteriologists/ Microbiologist/ Serologists is 118.

## Annexure-I

States/UTs-wise Deaths Due to Water Borne Diseases reported during 2018 -2019									
Sl No	State/U.T.	Cholera		Acute Diarrheal Diseases		Enteric Fever (Typhoid)		Viral Hepatitis (A & E)	
		2018	2019	2018	2019	2018	2019	2018	2019
1	Andhra Pradesh	0	0	72	118	7	3	141	141
2	Arunachal Pradesh	0	0	1	0	0	0	0	0
3	Assam	0	0	395	337	30	0	3	3
4	Bihar	0	0	14	0	1	0	1	1
5	Chhattisgarh	0	0	20	41	5	4	7	7
6	Goa	0	0	0	0	0	0	1	1
7	Gujarat	0	0	0	5	1	0	0	0
8	Haryana	2	0	55	70	7	1	14	14
9	Himachal Pradesh	0	0	14	21	5	6	4	4
10	J & K	0	0	2	0	0	0	0	0
11	Jharkhand	0	0	8	0	0	0	1	1
12	Karnataka	0	0	4	2	0	0	8	8
13	Kerala	0	0	3	7	0	0	7	7
14	Madhya Pradesh	0	0	34	10	3	4	3	3
15	Maharashtra	4	0	37	163	9	7	2	2
16	Manipur	0	0	15	19	0	0	0	0
17	Meghalaya	0	0	6	134	0	0	4	4
18	Mizoram	0	0	4	0	0	0	2	2
19	Nagaland	0	0	0	0	0	0	0	0
20	Odisha	0	0	76	73	5	1	10	6
21	Punjab	0	0	43	24	2	1	25	25
22	Rajasthan	0	0	1	0	0	3	0	0
23	Sikkim	0	0	5	0	0	0	0	0
24	Tamil Nadu	0	0	8	10	1	0	0	0
25	Telangana	0	0	1	4	0	1	0	0
26	Tripura	0	0	7	1	2	2	0	0
27	Uttarakhand	0	0	5	2	4	1	23	23
28	Uttar Pradesh	0	0	229	2208	224	225	42	42
29	West Bengal	0	0	167	141	17	14	81	81
30	A & N Islands	0	0	0	0	0	0	1	1
31	Chandigarh	0	0	47	78	0	31	10	32
32	D & N Haveli	0	0	4	1	0	0	5	5
33	Daman & Diu	0	0	0	0	0	0	0	0
34	Delhi	0	0	127	148	20	20	180	180
35	Lakshadweep	0	0	0	0	0	0	0	0
36	Puducherry	0	0	8	1	2	4	6	6
<b>Total</b>		<b>6</b>	<b>0</b>	<b>1412</b>	<b>3618</b>	<b>345</b>	<b>328</b>	<b>581</b>	<b>599</b>

**Annexure-II****State-wise details of water quality testing laboratories and bacteriologist**

<b>S. No.</b>	<b>Name of State</b>	<b>Total No. of drinking water quality testing laboratory</b>	<b>Total no. of bacteriologist</b>
1.	Andaman & Nicobar Islands	3	0
2.	Andhra Pradesh	107	107
3.	Arunachal Pradesh	49	0
4.	Assam	106	17
5.	Bihar	123	2
6.	Chhattisgarh	70	3
7.	Goa	14	6
8.	Gujarat	86	81
9.	Haryana	44	1
10.	Himachal Pradesh	48	8
11.	Jammu & Kashmir	87	24
12.	Jharkhand	33	6
13.	Karnataka	77	0
14.	Kerala	52	53
15.	Ladakh	6	0
16.	Madhya Pradesh	155	0
17.	Maharashtra	199	191
18.	Manipur	12	0
19.	Meghalaya	33	0
20.	Mizoram	27	21
21.	Nagaland	13	0
22.	Odisha	77	2
23.	Puducherry	2	0
24.	Punjab	33	3
25.	Rajasthan	54	32
26.	Sikkim	2	0
27.	Tamil Nadu	113	4
28.	Telangana	75	75
29.	Tripura	21	4
30.	Uttar Pradesh	89	3
31.	Uttarakhand	27	1
32.	West Bengal	220	204

Source: IMIS, DDWS