

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

**LOK SABHA
UNSTARRED QUESTION NO. 5492
TO BE ANSWERED ON 06/04/2017**

Water-Borne Diseases

5492 . DR. A. SAMPATH:

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

- (a) the reduction in the water-borne diseases during each of the last three years particularly in view of Article 21 of the Constitution which entitles every Indian citizen Right to get safe drinking water;
- (b) the statistics related to waterborne diseases; and
- (c) the action taken by the Government to reduce the water-borne diseases that is a leading cause of morbidity and mortality in the country?

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

- (a) & (b) As per the information provided by the Ministry of Health & Family Welfare, number of cases registered for water borne diseases like Acute Diarrhoeal Diseases, Enteric Fever (Typhoid), Viral Hepatitis (All Causes) & Cholera in the year 2014, 2015 & 2016 (Provisional) is at Annexure I, II & III respectively.
- (c) 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 improving the coverage of safe drinking water to rural population. It is the State Governments who plan, design, execute and operate schemes for providing safe drinking water.

Under NRDWP, States can utilize upto 67% of funds released to them for provision of safe drinking water in 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. All the State Governments have been advised to provide surface water based piped water supply schemes which inter-alia includes water treatment plant with an appropriate disinfection unit so that water-borne diseases can controlled at source.

Annexure-I : referred to in the reply to Lok Sabha Unstarred Question No. 5492 due for reply on 06/04/2017

Number of cases registered for water borne diseases like Acute Diarrhoeal Diseases, Enteric Fever (Typhoid), Viral Hepatitis (All Causes) & Cholera in the year 2014 as per the information provided by the Ministry of Health & Family Welfare

S. No.	Name of the State/ UT	Acute Diarrhoeal disease	Enteric Fever (Typhoid)	Viral Hepatitis	Cholera	Total
1	ANDAMAN and NICOBAR	23,947	881	262	-	262
2	ANDHRA PRADESH *	13,32,145	1,86,446	3,716	-	3,716
3	ARUNACHAL PRADESH	12,657	4,512	378	-	378
4	ASSAM	83,373	5,328	2,033	-	2,033
5	BIHAR	5,50,038	2,83,679	20,670	-	20,670
6	CHHATTISGARH	1,15,561	32,617	548	20	568
7	GOA	16,097	573	182	-	182
8	GUJARAT	5,04,857	29,505	4,808	158	4,966
9	HARYANA	1,97,898	29,990	1,934	7	1,941
10	HIMACHAL PRADESH	3,50,459	48,786	2,808	-	2,808
11	JAMMU AND KASHMIR	5,15,013	57,537	5,110	-	5,110
12	JHARKHAND	81,451	36,663	1,052	-	1,052
13	KARNATAKA	8,10,781	92,959	6,402	32	6,434
14	KERALA	4,02,106	2,269	5,567	3	5,570
15	MADHYA PRADESH	7,68,021	1,55,190	16,145	17	16,162
16	MAHARASHTRA	6,64,014	1,02,299	6,753	252	7,005
17	MANIPUR	29,954	10,636	443	-	443
18	MEGHALAYA	1,97,024	10,395	643	1	644
19	MIZORAM	14,201	2,758	194	-	194
20	NAGALAND	22,301	11,604	113	-	113
21	ODISHA	7,67,575	90,363	5,069	-	5,069
22	PUDUCHERRY	87,248	1,477	299	3	302
23	PUNJAB	1,70,438	34,651	4,525	-	4,525
24	RAJASTHAN	6,76,832	83,540	9,719	56	9,775
25	SIKKIM	39,983	716	556	-	556
26	TAMIL NADU	2,50,264	29,937	880	14	894
27	TRIPURA	80,388	10,553	177	-	177
28	UTTAR PRADESH	7,54,582	2,25,829	16,037	-	16,037
29	UTTARAKHAND	90,428	28,939	9,243	-	9,243
30	WEST BENGAL	18,96,182	90,086	4,444	173	4,617
31	CHANDIGARH	39,277	6,021	766	15	781
32	DADRA & NAGAR HAVELI	63,337	2,439	32	28	60
33	DMAN & DIU	12,831	167	65	-	65
34	LAKSHADWEEP	6,750	3	16	-	16
35	DELHI	1,20,618	27,339	6,965	65	7,030
Total		117,48,631	17,36,687	1,38,554	844	1,36,24,716

* : Excludes data of 10 districts of Telangana from July onwards

Annexure-II : referred to in the reply to Lok Sabha Unstarred Question No. 5492 due for reply on 06/04/2017

Number of cases registered for water borne diseases like Acute Diarrhoeal Diseases, Enteric Fever (Typhoid), Viral Hepatitis (All Causes) & Cholera in the year 2015 as per the information provided by the Ministry of Health & Family Welfare

S. No.	Name of the State / UT	Acute Diarrhoeal Diseases	Enteric Fever (Typhoid)	Viral Hepatitis	Cholera	Total
1	Andhra Pradesh	11,22,740	1,46,385	3,358	-	12,72,483
2	Arunachal Pradesh	10,834	4,476	292	-	15,602
3	Assam	1,28,392	11,333	809	-	1,40,534
4	Bihar	4,55,125	2,65,469	26,729	-	7,47,323
5	Chattisgarh	1,32,278	47,970	532	7	1,80,787
6	Goa	13,204	1,603	162	-	14,969
7	Gujarat	5,67,123	35,362	3,736	52	6,06,273
8	Haryana	1,90,390	31,965	5,184	-	2,27,539
9	Himachal Pradesh	3,34,168	40,639	1,739	-	3,76,546
10	Jammu Div	2,84,415	32,182	1,528	-	3,18,125
	Kashmir Div	1,88,428	20,177	2,500	-	2,11,105
11	Jharkhand	81,934	28,330	1,258	36	1,11,558
12	Karnataka	8,32,356	85,837	6,026	14	9,24,233
13	Kerala	4,28,374	2,862	3,965	-	4,35,201
14	Madhya Pradesh	7,40,690	1,25,737	14,030	104	8,80,561
15	Maharashtra	8,77,638	1,30,809	9,738	213	10,18,398
16	Manipur	29,159	5,422	88	-	34,669
17	Meghalaya	1,67,691	13,459	299	-	1,81,449
18	Mizoram	14,215	2,804	209	26	17,254
19	Nagaland	15,511	7,977	76	-	23,564
20	Odisha	7,82,151	90,895	5,146	2	8,78,194
21	Punjab	1,79,211	34,867	9,330	-	2,23,408
22	Rajasthan	8,10,518	79,244	3,247	3	8,93,012
23	Sikkim	53,295	453	1,344	-	55,092
24	Tamil Nadu	3,08,358	40,579	1,066	15	3,50,018
25	Telengana	9,63,573	1,63,747	1,735	-	11,29,055
26	Tripura	88,064	4,596	183	-	92,843
27	Uttarakhand	1,08,974	34,120	10,242	-	1,53,336
28	Uttar Pradesh	8,14,481	2,88,140	11,188	47	11,13,856
29	West Bengal	17,98,754	1,12,262	3,948	155	19,15,119
30	A & N Islands	22,398	870	123	-	23,391
31	Chandigarh	45,284	12,447	1,249	133	59,113
32	D & N Haveli	51,195	1,406	48	14	52,663
33	Daman & Diu	18,169	165	77	-	18,411
34	Delhi	1,57,445	30,698	9,145	91	1,97,379
35	Lakshadweep	4,472	77	12	-	4,561
36	Puducherry	92,599	2,049	520	1	95,169
Total		129,13,606	19,37,413	1,40,861	913	149,92,793

Annexure-III: referred to in the reply to Lok Sabha Unstarred Question No. 5492 due for reply on 06/04/2017

Number of cases registered for water borne diseases like Acute Diarrhoeal Diseases, Enteric Fever (Typhoid), Viral Hepatitis (All Causes) & Cholera in the year 2016 (Provisional) as per the information provided by the Ministry of Health & Family Welfare

S. No.	Name of the State / UT	Acute Diarrhoeal Diseases	Enteric Fever (Typhoid)	Viral Hepatitis (All Causes)	Cholera	Total
1	ANDHRA PRADESH	11,94,005	1,70,249	2,662	-	13,66,916
2	ARUNACHAL PRADESH	11,715	4,574	271	9	16,569
3	ASSAM	88,736	19,328	2,688	-	1,10,752
4	BIHAR	3,92,224	2,04,366	28,578	-	6,25,168
5	CHATTISGARH	1,57,064	74,632	547	55	2,32,298
6	GOA	14,245	724	121	-	15,090
7	GUJARAT	6,41,451	45,970	3,573	88	6,91,082
8	HARYANA	2,24,780	36,442	2,274	-	2,63,496
9	HIMACHAL PRADESH	3,10,789	38,093	2,716	-	3,51,598
10	JAMMU Div.	3,30,530	29,531	1,704	-	3,61,765
	KASHMIR Div.	2,03,811	17,373	1,877	-	2,23,061
11	JHARKHAND	93,547	41,731	1,406	5	1,36,689
12	KARNATAKA	9,30,369	97,493	6,013	29	10,33,904
13	KERALA	4,76,686	2,038	5,327	7	4,84,058
14	MADHYA PRADESH	7,40,236	1,29,998	12,158	94	8,82,486
15	MAHARASHTRA	10,51,445	1,37,617	12,156	107	12,01,325
16	MANIPUR	33,193	4,942	182	-	38,317
17	MEGHALAYA	1,65,404	14,128	236	-	1,79,768
18	MIZORAM	13,602	3,085	276	17	16,980
19	NAGALAND	15,062	8,267	86	6	23,421
20	ODISHA	7,75,824	73,330	3,481	-	8,52,635
21	PUNJAB	1,95,281	37,896	8,833	-	2,42,010
22	RAJASTHAN	8,97,209	1,16,470	2,471	2	10,16,152
23	SIKKIM	46,289	474	800	-	47,563
24	TAMIL NADU	3,67,815	33,853	715	8	4,02,391
25	TELANGANA	8,71,497	1,33,838	2,175	-	10,07,510
26	TRIPURA	95,278	5,398	363	-	1,01,039
27	UTTARAKHAND	1,10,942	33,904	10,930	-	1,55,776
28	UTTAR PRADESH	10,66,342	4,95,698	12,530	4	15,74,574
29	WEST BENGAL	20,45,451	1,61,264	2,898	157	22,09,770
30	ANDAMAN and NICOBAR	23,547	1,127	177	-	24,851
31	CHANDIGARH	49,891	12,237	1,179	10	63,317
32	D & N HAVELI	43,280	4,420	7	15	47,722
33	DAMAN & DIU	13,062	197	31	-	13,290
34	DELHI	1,35,907	30,015	10,281	228	1,76,431
35	LAKSHADWEEP	4,387	50	10	-	4,447
36	PUDUCHERRY	92,379	1,943	416	-	94,738
Total		139,23,275	22,22,695	1,42,148	841	162,88,959