

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

**LOK SABHA
UNSTARRED QUESTION NO. 1093
TO BE ANSWERED ON 7th FEBRUARY, 2020**

FLUOROSIS

1093. SHRI MAGUNTA SREENIVASULU REDDY:

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

- (a) whether many States are heavily affected with extreme fluoride in water causing fluorosis, if so, the details thereof, State/UT-wise including Andhra Pradesh;
- (b) whether the Government implements a National Programme for Prevention and Control of Fluorosis, if so, the details thereof;
- (c) the number of persons affected by fluorosis, including the children suffering from dental, skeletal and non-skeletal fluorosis in the country, State/UT-wise; and
- (d) the steps taken by the Government to save the people from contaminated drinking water and from such diseases?

ANSWER

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

(a): Yes. As per the latest data provided by the States in Integrated Management Information System (IMIS) of Department of Drinking Water and Sanitation, there are 7,161 fluoride affected habitations including 261 habitations from Andhra Pradesh. Details are at **Annexure-I**.

(b): In order to tackle the problem of Fluorosis, the National Programme for Prevention and Control of Fluorosis (NPPCF) under the umbrella of National Health Mission (NHM) was initiated as a new health initiative in the 11th Five year Plan (2008-09). At present, 157 districts of 19 States including 9 districts of Andhra Pradesh are covered under NPPCF. Under the programme, financial and technical support is provided to States/UTs including Andhra Pradesh to strengthen their healthcare systems based on the requirements posed by the States/UTs in their Programme Implementation Plans (PIPs) within their overall resource envelope.

(c): State/UT-wise details of the number of cases, including children, suffering from suspected Dental and Skeletal Fluorosis in the country is given at **Annexure-II**. No data for Non Skeletal Fluorosis is available.

(d): Government of India assists States by providing financial and technical assistance to provide potable water to rural population through the centrally sponsored scheme Jal Jeevan Mission (JJM) of Department of Drinking Water & Sanitation. In March 2016, Department of Drinking Water & Sanitation with the recommendation of NITI Aayog, released a sum ₹1,000 Crore to various Arsenic & Fluoride affected States for installation of Community water purification plants and commissioning of piped water supply schemes. Further, in March 2017, National Water Quality Sub-Mission (NWQSM) was launched as a part of National Rural Drinking Water Programme (NRDWP), which has now been subsumed under JJM, to provide safe drinking water to 27,544 Arsenic/ Fluoride affected rural habitations in the country.

In addition, to save the people from contaminated drinking water, the following steps are taken by the Government of India under the NPPCF Programme of Ministry of Health and Family Welfare:

- (i) Comprehensive management of Fluorosis cases in the affected areas by concerned district authorities;
- (ii) Capacity building for prevention, diagnosis and management of Fluorosis cases;
- (iii) Health Education and Publicity to create awareness about fluorosis and its awareness;

Annexure-I

**The State-wise details of number of habitations having ground
water source contaminated with fluoride**

S. No.	State	No. of habitations
1.	Andaman & Nicobar Islands	0
2.	Andhra Pradesh	261
3.	Arunachal Pradesh	0
4.	Assam	71
5.	Bihar	551
6.	Chhattisgarh	265
7.	Goa	0
8.	Gujarat	0
9.	Haryana	86
10.	Himachal Pradesh	0
11.	Jammu & Kashmir	4
12.	Jharkhand	107
13.	Karnataka	259
14.	Kerala	29
15.	Ladakh	0
16.	Madhya Pradesh	133
17.	Maharashtra	51
18.	Manipur	0
19.	Meghalaya	0
20.	Mizoram	0
21.	Nagaland	0
22.	Odisha	90
23.	Puducherry	0
24.	Punjab	319
25.	Rajasthan	3,582
26.	Sikkim	0
27.	Tamil Nadu	0
28.	Telangana	0
29.	Tripura	0
30.	Uttar Pradesh	114
31.	Uttarakhand	0
32.	West Bengal	1,239
	Total:	7,161

Annexure-II

Suspected Cases of Dental and Skeletal Fluorosis Under National Programme for Prevention and Control of Fluorosis (NPPCF)

S.N.	State/UTs	Community			School	
		Total Examined	Suspected Dental Cases	Suspected Skeletal Cases	Total Examined	Suspected Dental Cases
1	Andhra Pradesh	163419	24120	404	20847	10128
2	Assam	37004	5333	480	3068	911
3	Bihar	8740	5270	1606	6250	1650
4	Chhattisgarh	6796	2579	272	2995	1115
6	Gujarat	9400	1320	657	48142	5473
7	Haryana	7853	2949	66	5476	2669
8	Jammu and Kashmir	N.A.	N.A.	N.A.	N.A.	N.A.
9	Jharkhand	4931	1378	281	12531	1506
10	Karnataka	1336380	553477	199462	1105938	401109
11	Kerala	21178	1475	43	64040	13084
12	Madhya Pradesh	44760	20532	431	73579	26078
13	Maharashtra	4424437	6011	1355	535504	4940
14	Odisha	102992	6663	3728	N.A.	N.A.
15	Punjab	38920	4612	58	32840	7297
16	Rajasthan	535449	247322	39081	314530	N.A.
17	Tamil Nadu	41437	19948	13834	2471	16890
18	Telangana	12885	4920	3223	5119	2776
19	Uttar Pradesh	14876	3984	588	3734	2437
20	West Bengal	37147	12688	9765	39598	22731
Total:		6848604	924581	275334	2276662	520794

Notes:-

1. As per Data Provided by States
2. Data regarding Non- Skeletal Fluorosis is not available
3. N.A. - Not Available.