

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

**LOK SABHA
UNSTARRED QUESTION No. 3359
TO BE ANSWERED ON 05.08.2022**

NATIONAL PROGRAMME FOR PREVENTION AND CONTROL OF FLUOROSIS

3359. SHRIMATI POONAMBEN MAADAM:

Will the MINISTER of HEALTH AND FAMILY WELFARE be please to state:

- (a) whether the Government is implementing National Programme for Prevention and Control of Fluorosis (NPPCF);
- (b) if so, the details thereof, State/UT-wise including Gujarat;
- (c) the number of districts in the country identified for prevalence of Fluorosis, State/UT-wise;
- (d) the details of work done under this programme in Jamnagar, Gujarat during last three years;
- (e) whether the Government has conducted any research or analysed status of Fluorosis recently, if so, the details thereof; and
- (f) the other steps taken by the Government to curb the incidence of Fluorosis across the country ?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY
WELFARE
(DR. BHARATI PRAVIN PAWAR)**

(a) to (c) The Government implements National Programme for Prevention and Control of Fluorosis (NPPCF) to address the problem of Fluorosis, including - Dental Fluorosis, Skeletal Fluorosis and Non-skeletal Fluorosis. At present, the NPPCF is implemented in 163 districts of 19 States/UTs. The State-wise list of Districts under the Programme is at **Annexure- I**.

Under NHM, financial assistance is provided at district level for establishment of diagnostic facilities in the district, Training of manpower (Medical and Para-Medical), Manpower support, Health-Education, Management of Fluorosis cases including surgery, rehabilitation and nutritional supplementation.

In the state of Gujarat, the program covers 4 districts, namely – Jamnagar, Sabarkantha, Vadodara and Banaskantha.

(d) The details of work done under this programme in Jamnagar, Gujarat during the last three years, is attached at **Annexure-II**.

(e) As per available information, ICMR conducted studies on Fluorosis, at 7 locations in the country (covering one district each in Odisha, Madhya Pradesh, Telangana, Punjab, Bihar, Rajasthan and Assam).

ICMR-National Institute for Research in Tribal Health, Jabalpur has brought out a Policy brief 'Knocking Down Fluorosis', which is based on the results of a successful water and nutritional interventional strategy in several districts of Madhya Pradesh.

(f) The Ministry of Jal Shakti, in partnership with States implements Jal-Jeevan Mission – 'Har Ghar Jal' to make provision of potable tap water supply in adequate quantity, of prescribed quality to households.

States/UTs have been advised to install community water purification plants especially in Fluoride and Arsenic affected habitations to provide potable water to households at the rate of 8-10 litre per capita per day for their drinking and cooking requirements.

Annexure to Lok Sabha Unstarred Question No. 3359 to be answered on 05.08.2022**List of States / Districts under National Programme for Prevention and Control of Fluorosis (NPPCF)**

S.No.	State	No. of districts under NPPCF
1.	Andhra Pradesh	9
2.	Assam	7
3.	Bihar	11
4.	Chhattisgarh	7
5.	Gujarat	4
6.	Haryana	4
7.	Jammu & Kashmir	1
8	Jharkhand	13
9.	Karnataka	19
10.	Kerala	2
11	Madhya Pradesh	15
12	Maharashtra	7
13.	Odisha	3
14	Punjab	5
15.	Rajasthan	30
16.	Tamil Nadu	1
17	Telangana	9
18.	Uttar Pradesh	10
19.	West Bengal	6

Annexure to Lok Sabha Unstarred Question No. 3359 to be answered on 05.08.2022**DETAILS OF WORK DONE IN JAMNAGAR, GUJARAT DURING LAST THREE YEARS
UNDER NPPCF PROGRAMME**

DISTRICT	JAMNAGAR-GUJARAT		
REPORTING YEAR	2019-20	2020-21	2021-22
1. Excess Fluoride in Drinking Water			
Total Villages No.	432	432	432
Total Habitations No.	380	380	380
Fluoride Affected Villages No.	240	240	240
Fluoride Affected Habitations No.	110	110	110
2. Manpower, Training and Infrastructure in State/District			
Year of initiating the programme	2015	2015	2015
Engagement of contractual staff			
District Consultant (Y/N)	Y	Y	Y
Lab. Technician (Y/N)	Y	Y	Y
Establishment of Lab. (Y/N)	Y	Y	Y
Training of NPPCF Staff (Give as Y/N)			
State Nodal Officer (SNO)	Y	Y	Y
District Nodal Officer (DNO)	Y	Y	Y
District Consultant (DC)	Y	Y	Y
Lab. Technician (LT)	Y	Y	Y
3. Programme Components			
Survey-Community Survey			
No. of villages surveyed	110	80	121
No. of persons examined	3580	2613	3938
No. with suspected dental fluorosis	2084	1521	2292
No. with suspected skeletal fluorosis	1080	788	1188
School Survey			
No. of Schools surveyed	39	28	43
No. of children examined (aged 6-11 yrs)	4785	3493	5264
No. with suspected dental fluorosis	3605	2632	3966
Water Analysis			
Total No. of samples analysed	42	31	46
No. above the limit (1.5 ppm)	22	16	24
Urinary Analysis			
Total No. of samples analysed	4340	3168	4774
No. above the limit (1.0 ppm)	2454	1791	2699
IEC activities (ISP)	Press Note- 2 Seminar- 44 Wall painting- 24 Poster Fixing- 32 Pamphlets- 59000	Press Note- 01 Seminar- 15 Wall painting- 06 Poster Fixing- 10 Pamphlets- 10000	Press Note- 02 Seminar- 44 Wall painting- 24 Poster Fixing- 32 Pamphlets- 59000
Trainings conducted at district level			
No. of trainings held	No. of training – 07	No. of training – 10	No. of training – 07
No. of MOs trained	MO – 17	MO – 20	MO – 17
No. of Paramedical trained	Para Med. - 35	Para Med. - 40	Para Med. - 35
Others trained			
Medical Management			
Supplementation provided (No. of persons)	18	22	14
Rehabilitation aids provided (No. of persons)	8270	9924	6616
Rehabilitation aids provided (No. of persons)	4	5	3
Other provisions for medical management	Transfer patient to District civil hospital for further surgical treatment		
