

Karnataka State Status report regarding National Programme for Prevention and Control of Fluorosis

1. State Profile :- Karnataka Month of Nov -2014

2. Total No of Districts- 30

3. Total No. of Affected Districts- 18

3.1 Total No of Blocks - 176

3.2 Total No of villages – 20390

3.3 Affected villages (with high fluoride in water (MDW&S)- 7317

3.4 Total Habitation - 25799

1.5 Affected habitations (with high fluoride in water (MDW&S) - 9304

4. District Fluorosis Cell

2.1 No. Staff engaged out of GOI funds -

Total No. District Consultant's -18

Trained at NIN
Dates are awaiting

(a) Total no's Lab Technician - 18

(b) Field Investigators – Completed 6 month in all the 18 districts.

2.2 Establishment of Lab with procurement of ion meter

YES

3. Surveys	Last year (2013- Nov)	Current year (Nov13-NOV- 2014---)	Cumulative (since initiation of Prog)
3.1 No of villages surveyed for Fluorosis		3399	3399
3.2 School Survey			
No of Schools covered		3580	3580
No of children surveyed		193155	193155
No of children with suspected dental fluorosis		66355	66355
No of Urinary tests carried out in School children with suspected d. fl	Under Process		
No. of children with confirmed d. fl.	Under Process		
Percentage children with confirmed d. fl			
3.3 Community Survey			
No of households surveyed		91005	91005
No of persons examined		377220	377220
No. of suspected cases of dental Fluorosis		86238	86238

	Last year (2013- Nov)	Current year (Nov13-NOV- 2014---)	Cumulative (since initiation of Programme)
No. of urinary tests of suspected d.fl. carried out	Under process		
No of confirmed cases of d.fl	Under process		
Percentage of confirmed d. fl.			
No. of suspected cases of skeletl fluorosis (sk.fl) (with or without d. fl.)		27118	27118
No. of urinary tests of suspected sk. Fl. Carried out	Under Process		
Percentage of Skeletal fluorosis	Under process		
4 Water Analysis			
No of villages		509	509
No. of samples tested		1160	1160
Samples found above 1ppm		473	473
5. Urinary Analysis			
Total samples analysed	Under process		
No. above prescribed limit			
Percentage samples above limit			
6. IEC activities			
6.1 Articles/ press release in local newspaper/ mag		198	198
6.2 Video spots/ interview with expert on local TV	Under process		
6.3 Audio spots/ Q & A session on local radio/ community Radio	Under process		
6.4 Locations where posters are put up		<u>47250</u>	<u>47250</u>
6.5 Pamphlets / booklets distributed		<u>745470</u>	<u>745470</u>
6.6 Seminars		<u>990</u>	<u>990</u>
6.7 Nukkad nataks	Under process		
6.8 Songs/ Dances			
6.9 Any other :			


7.0 Training at the District level	<u>Completed -</u>	<u>Completed -</u>	<u>Completed</u>
7.1 No of medical Officers trained		<u>1493</u>	1493
7.2 No. of Paramedicals trained		<u>3341</u>	3341
7.3 No. of Health workers trained		4542	4542
7.4 No. of ASHA/ AWW trained		5319	5319
7.5 Personnel in schools / WCD Dept/ PHE etc trained		1941	1941

	Last year (2013-Nov)	Current year (Nov13-NOV-2014---)	Cumulative (since initiation of Prog)
7.6 PRIs/ VHSNC members/ Teachers trained		6529	6529
8. Medical Management of Fluorosis			
8.1 Supplementation (No of persons) (specifying the vitamins & minerals)	Under Process		
8.2 Physiotherapy/ orthoses			
8.3 Surgical intervention (specify type)			
8.4 No. provided with mobility aids			
9. Provision of Safe water		<u>1663</u>	1663RO System
9.1 No of water sources declared unfit		5237	5237
9.2 No. of safe water sources made available by PHED		11860	11860
10. Coordination with PHED		<u>198</u>	
10.1 No of meetings held with PHED		<u>396</u>	396
10.2 Specific measures taken by PHED in affected areas covered under the programme		<u>Converted 1663 Drinking water source to Safe RO water</u>	<u>Converted 1663 Drinking water source to Safe RO water Drinking unit</u>

		<u>Drinking unit</u>	
11. Line listing completed for			
11.1 Fluoride affected villages		7317	7317
11.2 Lab facilities available in district for fluoride testing		<u>Establishment completed</u>	<u>Establishment completed</u>
11.3 persons who can benefit with medical intervention	<u>Under process</u>		
11.4 Centres/ hospitals for corrective surgeries		18	18

12. Remarks/ Suggestions :-

- Waiting for training of District Fluorosis Consultants, District Fluorosis Lab technician and Programme Officers (DPMO) at NIN Hyderabad under NPPCF.
- Suspected cases of Dental/Skeletal Fluorosis cases will be confirmed based on Urine analysis, once the Training is over.
- Blood serum testing and Urine Analysis will be conducted once the Training is over
- For Medical management budget utilization we do require Guidelines for supplying of Vitamin C and Calcium tablet supplements in Fluorosis endemic area as a prophylactic action to prevent and control Fluorosis.


 State Programme Officer Fluorosis
 Deputy Director (Nutrition)
 Directorate of Health and Family
 Welfare Services, Bangalore.
 Bangalore-560 009



GOVERNMENT OF KARNATAKA
National Programme for prevention and control of Fluorosis

Budget Activities

Sl.No	Name of the District	Budget Released in 2013-14 and 14-15 from GOI to State govt of Karnataka	Total Fund available at District A/c			Budget Utilised 2014-15 in Lakhs		Balance In			Remarks
			Budget released from state office to District A/c 2013-14 and 14-15	Interest Received from SB A/c	Total	District Exp	State Exp	District A/c	State A/c	Total Balance	
1	Mysore	0.00	1074800.00	151886.00	1226686.00	596126	0	630560.00			
2	Bellary	0.00	3345000.00	90264.00	3435264.00	3338435	0	96829.00		96829.00	
3	Chikkaballapura	42,00,000	3555534.00	70612.00	3625696.00	227268	450000	3398866.00		3398866.00	
4	Gadag	42,00,000	3770000.00	116907.00	3886907.00	1288357	450000	2663291.00		2663291.00	
5	Tumkur	42,00,000	3495000.00	29186.00	3524186.00	1297533	450000	2226653.00	2,55,000.00	2226653.00	
6	Raichur	42,00,000	3770000.00	177633.00	3947633.00	2129002	450000	1818631.00		1818631.00	
7	Hassan	42,00,000	3770000.00	176829.00	3946829.00	1603070	450000	2343759.00		2343759.00	
8	Koppal	42,00,000	3770000.00	151778.00	3921778.00	2041408	450000	1728592.00		1728592.00	
9	Bangalore Urban	42,00,000	3770000.00	181440.00	3951440.00	1534789	450000	2727045.00		2416651.00	
10	Kolar	42,00,000	3770000.00	173381.00	3943381.00	1813000	450000	2130381.00		2130381.00	
11	Mandya	42,00,000	3770000.00	175698.00	3945698.00	1804389	450000	2144759.00		2144759.00	
12	Shimoga	42,00,000	3770000.00	116282.00	3886282.00	1262917	450000	1777583.00		1777583.00	
13	Davanagere	42,00,000	3869292.00	179453.00	3868517.00	1421630	450000	2446887.00		2446887.00	
14	Ramanagara	42,00,000	3495000.00	25230.00	3520230.00	1264163	450000	2256067.00	2,55,000.00	2256067.00	
15	Chitradurga	42,00,000	34,95,000	18932.00	3513932.00	1440769	450000	188091.00	2,55,000.00	188091.00	
16	Gulbarga	42,00,000	3495000.00	29339.00	3524339.00	1111272	450000	2413067.00	2,55,000.00	2413067.00	
17	Bagalkote	42,00,000	3495000.00	23168.00	3518168.00	1256191	450000	2261977.00	2,55,000.00	2261977.00	
18	Bijapur	42,00,000	3495000.00	30150.00	3525150.00	1187567	450000	2337583.00	2,55,000.00	2337583.00	
	State Office										
	Total	6,72,00,000.00	59479626.00	1918168.00	64712116.00	26617886	7200000	35590621.00	15,30,000.00	34649667.00	

Sunil S. S. S.
 State Programme Officer Fluorosis, Deputy
 Director, Directorate of Health and
 Family Welfare Services, Bangalore-9
Bangalore-560 009