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

LOK SABHA
STARRED QUESTION NO. 13
TO BE ANSWERED ON THE 15TH DECEMBER, 2017
HIDDEN DENGUE CASES

*13. ADV. NARENDRA KESHAV SAWAIKAR:

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

(a) the details of the dengue cases detected during the last three years, State/ UT-wise;

(b) whether the Government has launched a pilot project to track hidden dengue cases and if so, the details thereof;

(c) whether the Government has received any report on the said project and if so, the details thereof; and

(d) whether the Indian Council of Medical Research (ICMR) has opined that dengue cases detected over the years are just the tip of the iceberg and if so, the reaction of the Government thereto?

ANSWER
THE MINISTER OF HEALTH AND FAMILY WELFARE
(SHRI JAGAT PRAKASH NADDA)

(a) to (d) : A Statement is laid on the Table of the House.

(a): As per the reports submitted by States/ UTs, Dengue cases reported during last three years and in 2017 (till 30th November) are as under:

Year	2014	2015	2016	2017 (till 30th Nov)
Cases	**40571**	**99913**	**129166**	**150482**

A statement showing state-wise Dengue cases and deaths reported during the last three years and the current year (till November) in the country is **Annexed.**

(b) & (c): As per the information received from Indian Council of Medical Research (ICMR), a multi-centric study has been initiated to estimate the sero-prevalence of dengue virus infection in India with the main objective to establish age specific sero-prevalence of dengue virus infection in different geographic regions/states. This, in turn, will enable the Government to take a policy decision on introduction of dengue vaccine into the country. The study is being coordinated by ICMR – National Institute of Epidemiology, Chennai.

The multi-centric cross-sectional study to be conducted in five different geographical regions (three States will be selected from each region by simple random sampling) of the country in three different age groups: 5-8 years, 9-17 years & 18-45 years. A total of 10,000 samples will be collected from all age groups and will be tested for Dengue IgG antibodies.

Details of States and participating sites:

Geographic Region 1:
Maharashtra : ICMR- National Institute of Virology, Pune
Madhya Pradesh: ICMR – National Institute for Research in Tribal Health, Jabalpur
Rajasthan: ICMR-Desert Medical Research Centre, Jodhpur

Geographic Region 2:
Punjab: Post Graduate Institute of Medical Education & Research, Chandigarh
Delhi: ICMR-National Malaria Research Institute, Delhi
Uttar Pradesh: King George Medical University, Lucknow

Geographic Region 3:
Tamil Nadu: National Institute of Epidemiology, Chennai
Telangana: National Institute of Epidemiology, Chennai
Karnataka: National Institute of Traditional Medicine, Belagavi

Geographic Region 4:
Bihar: Rajendra Memorial Research Institute of Medical Sciences, Patna
West Bengal: National Institute of Cholera and Enteric Diseases, Kolkata
Odisha: Regional Medical Research Centre, Bhubaneshwar

Geographic Region 5:
Assam, Tripura and Meghalaya: Regional Medical Research Centre-North East, Dibrugarh and National Institute of Epidemiology, Chennai.

The study has already been initiated and completed in two districts of Tamil Nadu. The study is expected to be completed at all sites within the next six months. Final results will be available by May-June 2018.

(d): ICMR has not submitted any such report.

	State-wise Dengue cases in the country during last 3 years and in current year				
Sl. No.	State	2014	2015	2016	2017 (Prov till 30thNov)
1	Andhra Pd.	1262	3159	3417	4381
2	Arunachal Pd.	27	1933	13	15
3	Assam	85	1076	6157	4346
4	Bihar	297	1771	1912	1804
5	Chhattisgarh	440	384	356	388
6	Goa	168	293	150	234
7	Gujarat	2320	5590	8028	4420
8	Haryana	214	9921	2493	4333
9	Himachal Pd.	2	19	322	442
10	J & K	1	153	79	403
11	Jharkhand	36	102	414	689
12	Karnataka	3358	5077	6083	16342
13	Kerala	2575	4075	7439	19694
14	Madhya Pd.	2131	2108	3150	2566
15	Meghalaya	0	13	172	40
16	Maharashtra	8573	4936	6792	6894
17	Manipur	0	52	51	187
18	Mizoram	19	43	580	107
19	Nagaland	0	21	142	191
20	Odisha	6433	2450	8380	4055
21	Punjab	472	14128	10439	15002
22	Rajasthan	1243	4043	5292	7768
23	Sikkim	5	21	82	659
24	Tamil Nadu	2804	4535	2531	21350
25	Tripura	6	40	102	103
26	Telangana	704	1831	4037	2773
27	Uttar Pradesh	200	2892	15033	3032
28	Uttrakhand	106	1655	2146	958
29	West Bengal	3934	8516	22865*	10697**
30	A&N Island	139	153	92	13
31	Chandigarh	13	966	1246	1083
32	Delhi	995	15867	4431	8896
33	D&N Haveli	641	1154	4161	1972
34	Daman & Diu	46	165	89	59
35	Puducherry	1322	771	490	4586
	TOTAL	40571	99913	129166	150482

* During 2016, the State of West Bengal submitted report till 9th November only.

** During 2017, the State of West Bengal submitted report till 4th October only.

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