

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

**LOK SABHA
UNSTARRED QUESTION NO. 1810
TO BE ANSWERED ON 27th JULY, 2018**

PREVENTION OF VECTOR BORNE DISEASES

**1810. SHRI GAJANAN KIRTIKAR:
SHRI SUDHEER GUPTA:
KUNWAR HARIBANSH SINGH:
PROF. K.V. THOMAS:
SHRI SANKAR PRASAD DATTA:
SHRI SUNIL KUMAR SINGH:
SHRI S.R. VIJAYAKUMAR:
SHRI NABA KUMAR SARANIA:
SHRI BIDYUT BARAN MAHATO:
DR. P. VENUGOPAL:
SHRI T. RADHAKRISHNAN:
SHRI S. RAJENDRAN:**

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

- (a) the details of various schemes launched for prevention of Malaria, Dengue and other Vector Borne Diseases (VBDs) in the country;
- (b) the details of the funds allocated for these schemes during the last three years and the current year;
- (c) the number of deaths caused by diseases spread by mosquitoes in each State/UT during the last three years and the current year;
- (d) whether the Indian Institute of Technology has developed a new technique to eliminate Dengue mosquito and its eggs, if so, the details thereof; and
- (e) the progress made in reducing the Malaria, Dengue and other VBDs cases in the country?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SMT. ANUPRIYA PATEL)**

- (a) & (b): Directorate of National Vector Borne Diseases Control Programme (NVBDCP) under the Ministry of Health and Family Welfare deals with the following vector borne diseases:
- a) Malaria
 - b) Dengue
 - c) Chikungunya
 - d) Japanese Encephalitis (JE)
 - e) Kala-azar (KA)
 - f) Lymphatic Filariasis (LF)

Directorate of National Vector Borne Disease Control Programme (NVBDCP) provides technical guidance and funds to States/UTs for prevention and control of the vector borne diseases. Funds allocated to the States/UTs during the last three years and current year is are at Annexure-I.

(c): Statement showing deaths due to the vector borne diseases is at Annexure-II.

(d): Indian Institute of Technology (IIT), Madras claims to have developed equipment which catches mosquitoes, but in no way claims to decrease dengue.

(e): In the recent years, incidences of vector borne diseases like malaria, kala-azar and lymphatic filariasis have been decreasing continuously in the country. There has been a drastic decline in number of malaria cases in 2017 (nearly 22.32%) as compared to 2016. Deaths due to malaria have also been reduced by nearly 41.38% in 2017 as compared to 2016. Similar decline continues in the early 2018 as well.

Similarly, in kala-azar, the number of KA cases have decreased from 44533 in 2007 to 24212 in 2009 and in 2017- only 5758 cases have been reported and in the year 2018 (till now) only 1890 cases are detected with no deaths.

Endemicity of Lymphatic Filariasis has also been decreased. At present it is limited only to 137 districts out of 256 districts identified in 2009. The remaining districts are also undergoing Mass Drug Administration (MDA) for elimination of LF.

Progress made in reducing the Dengue cases in the country are as under:

- Monitoring and supervision for early case detection, prevention and control.
- During 2018 (till 30.06.18), 5 advisories issued and 6 reviews and one video conference held.
- Diagnostic facilities are provided through identified 618 Sentinel Surveillance Hospitals (SSHs) and 16 Apex Referral laboratories (ARLs) across the country.
- During 2018 (till 30.06.18), Government of India supplied 1678 Dengue kits through National Institute of Virology (NIV), Pune.
- Information Education Communication (IEC)/ Behaviour Change Communication (BCC) activities to disseminated knowledge for prevention and control through advocacy, meetings, review, electronic and print media.

Allocation under NVBDCP

(Rs. in Lakhs)

S. No.	States/UTs	Allocation			
		2015-16	2016-17	2017-18	2018-19
1	Andhra Prd.	825.00	728.00	909.95	1041.60
2	Arunachal Prd.	1274.00	1183.00	1183.00	918.80
3	Assam	2582.00	2395.10	2335.10	2548.09
4	Bihar	3540.00	3534.00	3673.50	1795.00
5	Chattisgarh	2096.00	908.00	3364.50	1086.00
6	Goa	98.00	102	106.76	165.40
7	Gujarat	1072.00	1100.00	1259.00	1313.00
8	Haryana	255.00	200.00	52.00	477.00
9	Himachal Prd.	104.00	26.00	45.00	264.00
10	J & K	92.00	94.20	99.62	352.50
11	Jharkhand	3945.00	3390.00	3370.91	1904.00
12	Karnataka	1953.00	1759.00	970.06	1232.40
13	Kerala	726.00	644.00	509.41	687.00
14	Madhya Prd.	2441.00	2118.00	1657.15	20413.00
15	Maharashtra	602.00	1320.00	705.80	1104.70
16	Manipur	917.00	1005.00	905.00	697.68
17	Meghalaya	967.00	915.00	864.00	473.80
18	Mizoram	1219.00	1104.00	1364.00	337.62
19	Nagaland	1203.00	1117.00	1117.00	534.11
20	Orissa	3887.00	10037.00	10177.00	994.60
21	Punjab	399.00	402.00	1038.63	272.00
22	Rajasthan	2615.00	2180.80	1388.65	694.00
23	Sikkim	61.00	90.90	41.90	50.00
24	Tamil Nadu	1619.00	1409.00	1410.55	883.70
25	Telangana	3965.00	685.00	628.33	1549.20
26	Tripura	1400.00	1617.00	1617.00	732.90
27	Uttar Pradesh	3593.00	3650.00	3343.80	3350.60
28	Uttarakhand	200.00	266.00	249.38	308.50
29	West Bengal	1801.00	1910.00	1600.00	1807.80
30	Delhi	171.00	169.00	168.17	204.50
31	Puducherry	49.00	51.00	51.83	204.50
32	A&N Islands	352.00	349.00	373.00	395.70
33	Chandigarh	80.00	77.00	60.00	90.80
34	D & N Haveli	96.00	107.00	100.00	147.00
35	Daman & Diu	67.00	71.00	66.00	103.00
36	Lakshadweep	47.00	36.00	41.00	63.50
	Total	46313.00	46750.00	46847.00	49198.00

Annexure-II

Directorate of National Vector Borne Diseases Control Programme, Delhi

State/UTs wise Death due to VBDs

Sl. No.	State/UT	MALARIA				Dengue				JE				Kala-azar			
		2015	2016	2017	2018*	2015	2016	2017	2018*	2015	2016	2017	2018*	2015	2016	2017	2018*
1	Andhra Pradesh	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
2	Arunachal Pradesh	7	2	0	0	1	0	0	0	2	0	0	0	0	0	0	0
3	Assam	4	6	0	0	1	4	1	0	135	92	87	13	0	0	0	0
4	Bihar	1	0	2	0	0	0	0	0	12	25	11	0	5	0	0	0
5	Chattisgarh	21	61	81	0	1	0	0	2	0	0	0	0	0	0	0	0
6	Goa	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Gujarat	7	6	7	0	9	14	6	0	0	0	0	0	0	0	0	0
8	Haryana	3	0	0	0	13	0	0	0	0	0	1	0	0	0	0	0
9	Himachal Pradesh	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10	J & K	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11	Jharkhand	6	15	0	1	0	1	5	0	8	5	1	0	0	0	0	0
12	Karnataka	0	0	0	0	9	8	10	0	1	0	2	0	0	0	0	0
13	Kerala	4	2	2	0	25	13	37	14	1	0	0	1	0	0	0	0
14	Madhya Pradesh	24	3	5	1	8	12	6	0	0	0	0	0	0	0	0	0
15	Maharashtra	59	26	20	0	23	33	65	1	0	1	0	0	0	0	0	0
16	Manipur	0	0	0	0	0	1	1	0	0	1	10	0	0	0	0	0
17	Meghalaya	79	45	12	0	0	0	0	0	8	4	4	0	0	0	0	0
18	Mizoram	21	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Nagaland	3	0	1	0	1	0	0	0	0	0	2	0	0	0	0	0

20	Odisha	80	77	24	2	2	11	6	0	2	42	0	0	0	0	0	0
21	Punjab	0	0	0	0	18	15	18	0	0	0	1	0	0	0	0	0
22	Rajasthan	3	5	0	0	7	16	14	3	0	0	0	0	0	0	0	0
23	Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	0	0	0	0	12	5	65	1	0	0	2	0	0	0	0	0
25	Telangana	4	1	0	0	2	4	0	0	1	0	0	0	0	0	0	0
26	Tripura	21	14	6	0	0	0	0	0	4	1	0	0	0	0	0	0
27	Uttarakhand	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0
28	Uttar Pradesh	0	0	0	0	9	42	28	0	42	73	93	5	0	0	0	0
29	West Bengal	34	59	29	2	14	45	46	0	75	39	40	2	0	0	0	0
30	A&N Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Chandigarh	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
32	D & N Haveli	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
33	Daman & Diu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Delhi	0	0	0	0	60	10	10	0	0	0	0	0	0	0	0	0
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Pudducherry	1	0	0	0	0	2	7	1	0	0	0	0	0	0	0	0
	Total	384	331	194	6	220	245	325	22	291	283	254	21	5	0	0	0

*As on May, 2018