

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

**LOK SABHA
UNSTARRED QUESTION NO. 3058
TO BE ANSWERED ON 6TH DECEMBER, 2019**

MALARIA AND DENGUE PRONE AREAS

**3058. SHRI JUAL ORAM:
SHRI SADASHIV KISAN LOKHANDE:
SHRIMATI ANNPURNA DEVI:**

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

- (a) whether the Government has identified malaria, dengue and chikungunya prone areas in different States, if so, the details thereof, State/UT-wise;
- (b) the number of people who died due to these diseases in the country during the last three years;
- (c) whether the Government has monitored the works carried out for the prevention of malaria, dengue and chikungunya across the country during the current year and if so, the outcome thereof;
- (d) the steps taken by the Government for the prevention of said diseases in future on the basis of the said outcome; and
- (e) the extent to which the said measures have been implemented so far?

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

(a)&(b): Yes.

Malaria: Government has identified the malaria prone areas of the country. As per the data of 2018, the number of high endemic districts (with Annual Parasite Incidence >1) has reduced from 132 in 2016 to 63 in 2018. The State-wise details of the high endemic districts are provided in **Annexure-I**

The number of deaths State-wise reported due to malaria during last three years is given in **Annexure-II**.

Dengue & Chikungunya are outbreak prone diseases and there is variation in the cases from State to State and from time to time.

Dengue cases and deaths reported in the country during last three years are at **Annexure-III**.

Chikungunya : Till date, no death has been reported by any State/Union Territory(UT) that is directly attributable to Chikungunya. Data on clinically suspected Chikungunya cases in the country during last three years is at **Annexure-IV**.

(c),(d)&(e) **Malaria:**

The work carried out in the States is monitored regularly through monthly reports, review meetings and State visits.

The Government has set the goal of malaria elimination from the entire country by 2030. The steps taken for elimination of malaria are:

- Launch of National Framework for Malaria Elimination (NFME), 2016-2030 in India to eliminate malaria by 2030.
- Launch of National Strategic Plan (NSP) (2017-22) for district level planning of implementation of strategies.
- As per NFME and NSP all States/UTs and their districts have been stratified into four categories.
- The malaria elimination strategies are being implemented in all States based on the stratification of the districts.
- Regular monitoring of the reports received from the States and feedback to the States.
- Technical support and guidance to States/districts.
- Malaria situation in all districts is monitored regularly and feedback given to States.
- Observance of anti-malaria month in June for the community

Dengue and Chikungunya:

Government has taken the following steps to monitor the situation and to prevent Dengue and Chikungunya in the country during 2019:

- Monitoring of disease situation through reports submitted by the States/UTs.
- To review the situation and actions taken by the States, total 10 reviews held at higher level.
- Total 14 advisories issued to sensitize the States for preparedness.
- Provided technical guidelines for prevention and control, case management and effective community participation to the States for implementation.
- To augment free diagnostic facility for Dengue, a network of 680 identified Sentinel Surveillance Hospitals (SSHs) across the country with laboratory support which are linked with 16 Apex Referral laboratories (ARLs) with advance diagnostic facility were established.
- Provides Enzyme Linked Immunosorbent Assay (ELISA) based IgM kits for Dengue to these identified Institutes through National Institute of Virology (NIV), Pune, cost of which is borne by Government of India.
- In 2019 (till October), Government of India supplied 6018 Dengue and 2031 Chikungunya IgM test kits (1 Kit= 96 tests) through National Institute of Virology (NIV), Pune till date.
- Information Education Communication (IEC)/ Behaviour Change Communication (BCC) activities to disseminate knowledge for prevention and control.

- ‘National Dengue Day’ observed across the country emphasizing on initiation of pre-monsoon preventive activities on 16th May.
- Mega Awareness Campaign under the leadership of Hon’ble Minister for Health was carried out by 286 teams in Delhi jointly by Government of India and Municipalities from 17th to 19th July, 2019. Further, as a follow up of mega awareness campaign, activities carried out in Delhi and National Capital Region during August and September 2019.

Ministry of Urban Development, Rural Development and Drinking Water & Sanitation requested to sensitize the State counterparts for effective inter-departmental cooperation to prevent dengue.

ANNEXURE-I**STATES SHOWING HIGH ENDEMIC DISTRICT WITH REFERENCE TO MALARIA (WITH ANNUAL POPULATION INDEX GREATER THAN 1)**

Sl. No	State	2016	2017	2018
1	Andaman & Nicobar Islands	1	1	1
2	Andhra Pradesh	3	2	0
3	Arunachal Pradesh	12	7	2
4	Assam	4	3	1
5	Chhattisgarh	19	19	14
6	Gujarat	7	3	1
7	Haryana	1	1	1
8	Jharkhand	19	18	13
9	Karnataka	2	2	2
10	Madhya Pradesh	17	7	1
11	Maharashtra	1	1	1
12	Meghalaya	6	5	2
13	Mizoram	6	5	4
14	Nagaland	2	0	0
15	Odisha	22	21	10
16	Telangana	0	0	0
17	Tripura	5	5	5
18	Uttar Pradesh	3	2	3
19	West Bengal	2	1	2
Total		132	103	63

ANNEXURE-II**STATE-WISE MALARIA SITUATION IN THE COUNTRY**

S. NO.	STATES/UNION TERRITORIES.	2016		2017		2018	
		Cases	Deaths	Cases	Deaths	Cases	Deaths
1	Andhra Pradesh	23613	0	16972	0	6040	0
2	Arunachal Pradesh	3128	2	1546	0	625	0
3	Assam	7826	6	5281	0	3816	2
4	Bihar	5189	0	4020	2	1536	0
5	Chhattisgarh	148220	61	140727	81	78717	39
6	Goa	742	0	653	1	377	0
7	Gujarat	44783	6	38588	7	22114	2
8	Haryana	7866	0	5696	0	3149	0
9	Himachal Pradesh	106	0	96	0	98	0
10	Jammu & Kashmir	242	0	226	0	168	0
11	Jharkhand	141414	15	94114	0	57095	4
12	Karnataka	11078	0	7381	0	5721	0
13	Kerala	1547	2	1192	2	908	0
14	Madhya Pradesh	69106	3	47541	5	22279	1
15	Maharashtra	23983	26	17710	20	10757	13
16	Manipur	122	0	80	0	12	0
17	Meghalaya	35147	45	16454	12	6394	6
18	Mizoram	7583	9	5715	4	4296	3
19	Nagaland	828	0	394	1	113	0
20	Orissa	444843	77	347860	24	66311	3
21	Punjab	693	0	805	0	624	0
22	Rajasthan	12741	5	10607	0	5728	0
23	Sikkim	15	0	14	0	6	0
24	Tamil Nadu	4341	0	5444	0	3758	0
25	Telangana	3512	1	2688	0	1792	0
26	Tripura	10546	14	7051	6	13079	13
27	Uttarakhand	961	0	508	0	409	0
28	Uttar Pradesh	40700	0	32345	0	86486	0
29	West Bengal	35236	59	31265	29	26440	8
30	Andaman & Nicobar Islands	485	0	505	0	259	0
31	Chandigarh	157	0	114	0	44	0
32	Dadra & Nagar Haveli	375	0	290	0	221	1
33	Daman & Diu	48	0	38	0	24	0
34	Delhi	31	0	577	0	473	0
35	Lakshadweep	2	0	1	0	5	0
36	Puducherry	76	0	60	0	54	1
Total		1087285	331	844558	194	429928	96

ANNEXURE-III**STATE-WISE DENGUE CASES AND DEATHS IN THE COUNTRY**

Sl. No.	State	2016		2017		2018	
		C	D	C	D	C	D
1	Andhra Pradesh	3417	2	4925	0	4011	0
2	Arunachal Pradesh	13	0	18	0	1	0
3	Assam	6157	4	5024	1	166	0
4	Bihar	1912	0	1854	0	2142	0
5	Chhattisgarh	356	0	444	0	2674	10
6	Goa	150	0	235	0	335	1
7	Gujarat	8028	14	4753	6	7579	5
8	Haryana	2493	0	4550	0	1898	0
9	Himachal Pradesh	322	0	452	0	4672	7
10	Jammu and Kashmir	79	1	488	0	214	0
11	Jharkhand	414	1	710	5	463	1
12	Karnataka	6083	8	17844	10	4427	4
13	Kerala	7439	13	19994	37	4083	32
14	Madhya Pradesh	3150	12	2666	6	4506	5
15	Meghalaya	172	0	52	0	44	0
16	Maharashtra	6792	33	7829	65	11011	55
17	Manipur	51	1	193	1	14	0
18	Mizoram	580	0	136	0	68	0
19	Nagaland	142	0	357	0	369	0
20	Odisha	8380	11	4158	6	5198	5
21	Punjab	10439	15	15398	18	14980	9
22	Rajasthan	5292	16	8427	14	9587	10
23	Sikkim	82	0	312	0	320	0
24	Tamil Nadu	2531	5	23294	65	4486	13
25	Tripura	102	0	127	0	100	0
26	Telangana	4037	4	5369	0	4592	2
27	Uttar Pradesh	15033	42	3092	28	3829	4
28	Uttarakhand	2146	4	849	0	689	3
29	West Bengal	22865	45	37746	46	NR	NR
30	Andaman & Nicobar Islands	92	0	18	0	49	0
31	Chandigarh	1246	0	1125	0	301	0
32	Delhi	4431	10	9271	10	7136	4
33	Dadra & Nagar Haveli	4161	2	2064	0	493	0
34	Daman & Diu	89	0	59	0	163	0
35	Puducherry	490	2	4568	7	592	2
TOTAL		129166	245	188401	325	101192	172

C= Cases, D= Deaths, NR = Not Reported

ANNEXURE- IV**STATE-WISE CLINICALLY SUSPECTED CHIKUNGUNYA CASES IN THE COUNTRY**

Sl. No	State	2016	2017	2018
1	Andhra Pradesh	960	1162	622
2	Arunachal Pradesh	239	133	507
3	Assam	40	41	3
4	Bihar	566	1251	156
5	Goa	337	509	455
6	Gujarat	3285	7953	10601
7	Haryana	5394	220	62
8	Jammu & Kashmir	1	0	1
9	Jharkhand	47	269	3405
10	Karnataka	15666	32831	20411
11	Kerala	129	78	77
12	Madhya Pradesh	2280	2477	3211
13	Meghalaya	360	236	44
14	Maharashtra	7570	8110	9884
15	Mizoram	0	0	93
16	Manipur	0	0	2
17	Odisha	51	0	0
18	Punjab	4407	3251	736
19	Rajasthan	2506	1612	254
20	Sikkim	30	130	384
21	Tamil Nadu	86	131	284
22	Telangana	611	1277	1954
23	Tripura	311	574	683
24	Uttar Pradesh	2458	103	58
25	Uttarakhand	35	0	29
26	West Bengal	1071	2103	52
27	Anadaman & Nicobar Islands	18	93	205
28	Chandigarh	2857	1810	357
29	Delhi	12279	940	407
30	Dadra & Nagar Haveli	0	0	0
31	Lakshadweep	0	0	0
32	Puducherry	463	475	2876
	Total	64057	67769	57813