

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

**LOK SABHA
STARRED QUESTION NO. 121
TO BE ANSWERED ON THE 04TH MARCH, 2016
VECTOR BORNE DISEASES**

***121. SHRI A. ARUNMOZHITHEVAN:
SHRI NAGENDRA KUMAR PRADHAN:**

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

(a) the number of cases of vector borne diseases especially malaria and dengue reported and deaths caused thereto during the last three years and the current year, State/UT-wise and year-wise;

(b) whether the Government proposes to launch any National programme to prevent and control the vector borne diseases including malaria, dengue etc. and make India free from them and if so, the details thereof;

(c) the funds allocated and released for the implementation of the said programme; and

(d) the other steps being taken in this regard?

**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

STATEMENT REFERRED TO IN REPLY TO LOK SABHA

STARRED QUESTION NO. 121* FOR 04TH MARCH, 2016

a) The number of cases and deaths due to vector borne diseases (Malaria, Dengue, Chikungunya, Japanese Encephalitis, Kala-azar, and Lymphatic Filariasis) during last three years and current year State/ UT-wise is at Annexure I – VI.

b) National Vector Borne Disease Control Programme (NVBDCP) is being implemented in the country under National Health Mission (NHM) for control of malaria, dengue, Chikungunya and Japanese Encephalitis and for elimination of Kala-azar and Lymphatic Filariasis.

Further, National Framework of Malaria Elimination has also been launched for implementation of phasewise elimination of malaria in different States during 2016 -2030.

c) Under NVBDCP, the details of fund allocation and release for control and elimination of Vector Borne Diseases during the last 3 years and current year are at Annexure VII

d) The other steps under taken in this regard are as follows:

Disease Management:

- Early case detection and completed treatment.
- Strengthening of referral services.
- Epidemic preparedness and rapid response.

Integrated Vector Management:

- Indoor Residual Spraying in selected high risk areas
- Use of Insecticide treated bed nets & Long Lasting Insecticide Nets
- Use of Larvivorous fishes
- Anti larval measures in urban areas including biolarvicides
- Minor environmental engineering

Supporting Interventions:

- Behaviour Change Communication
- Public Private Partnership & Inter-sectoral convergence
- Human Resource Development through capacity building
- Operational research including studies on drug resistance and insecticide susceptibility

State-wise Malaria Situation in the Country

STATES/UTs.	2013		2014		2015*		2016(Provisional up to January)	
	C	D	C	D	C	D	C	D
Andhra Prd.	19787	0	21077	0	24588	0	953	0
Arunachal Prd.	6398	21	6082	9	4991	3	105	0
Assam	19542	7	14540	11	15555	0	274	0
Bihar	2693	1	2043	0	3548	1	14	0
Chhattisgarh	110145	43	128993	53	133780	8	11775	0
Goa	1530	0	824	0	786	1	21	0
Gujarat	58513	38	41608	16	41422	1	674	0
Haryana	14471	3	4485	1	2843	0	4	0
Himachal Prd.	141	0	102	0	60	0	0	0
J&K	698	0	291	0	216	0	4	0
Jharkhand	97786	8	103735	8	90251	4	5344	0
Karnataka	13302	0	14794	2	11341	0	749	0
Kerala	1634	0	1751	6	1549	4	112	0
Madhya Pradesh	78260	49	96879	26	97200	16	843	0
Maharashtra	43677	80	53385	68	56603	31	2814	0
Manipur	120	0	145	0	216	0	0	0
Meghalaya	24727	62	39168	73	48603	79	1858	0
Mizoram	11747	21	23145	31	28593	0	734	0
Nagaland	2285	1	1936	2	1527	3	37	0
Odisha	228858	67	395035	89	432375	78	26103	2
Punjab	1760	0	1036	0	633	0	5	0
Rajasthan	33139	15	15118	4	11429	0	43	0
Sikkim	39	0	35	0	27	0	0	0
Tamil Nadu	15081	0	8729	0	5653	0	184	0
Telangana	-	-	5189	0	10945	3	233	0
Tripura	7396	7	51240	96	32525	21	605	0
Uttarakhand	1426	0	1171	0	1495	0	12	0
Uttar Pradesh	48346	0	41612	0	42563	0	510	0
West Bengal	34717	17	26484	66	24054	33	558	1
A&N Islands	1005	0	557	0	409	0	16	0
Chandigarh	150	0	114	0	152	0	0	0
D & N Haveli	1778	0	669	1	535	0	3	0
Daman & Diu	91	0	56	0	82	0	1	0
Delhi	353	0	98	0	54	0	0	0
Lakshadweep	8	0	0	0	4	0	0	0
Puducherry	127	0	79	0	54	1	7	0
Total	881730	440	1102205	562	1126661	287	54595	3

C = Case, D = Death, *provisional

Annexure-II.**STATE-WISE DENGUE CASES AND DEATHS IN THE COUNTRY**

Sl. No.	State	2012		2013		2014		2015 (Prov till 31st Dec)		2016 (Prov till 29th Feb)	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1	Andhra Pd.	2299	2	910	1	1262	5	3159	2	109	0
2	Arunachal Pd.	346	0	0	0	27	0	1933	1	0	0
3	Assam	1058	5	4526	2	85	0	1076	1	2	0
4	Bihar	872	3	1246	5	297	0	1771	0	1	0
5	Chhattisgarh	45	0	83	2	440	9	384	1	7	0
6	Goa	39	0	198	2	168	1	293	0	15	0
7	Gujarat	3067	6	6272	15	2320	3	5590	9	134	0
8	Haryana	768	2	1784	5	214	2	9921	13	0	0
9	Himachal Pd.	73	0	89	2	2	0	19	1	0	0
10	J & K	17	1	1837	3	1	0	153	0	0	0
11	Jharkhand	42	0	161	0	36	0	102	0	0	0
12	Karnataka	3924	21	6408	12	3358	2	5077	9	183	0
13	Kerala	4172	15	7938	29	2575	11	4075	25	559	2
14	Madhya Pd.	239	6	1255	9	2131	13	2108	8	5	0
15	Meghalaya	27	2	43	0	0	0	13	0	0	0
16	Maharashtra	2931	59	5610	48	8573	54	4936	23	247	0
17	Manipur	6	0	9	0	0	0	52	0	0	0
18	Mizoram	6	0	7	0	19	0	43	0	0	0
19	Nagaland	0	0	0	0	0	0	21	1	0	0
20	Odisha	2255	6	7132	6	6433	9	2450	2	40	0
21	Punjab	770	9	4117	25	472	8	14128	18	0	0

22	Rajasthan	1295	10	4413	10	1243	7	4043	7	0	0
23	Sikkim	2	0	38	0	5	0	21	0	0	0
24	Tamil Nadu	12826	66	6122	0	2804	3	4535	12	564	3
25	Tripura	9	0	8	0	6	0	40	0	3	0
26	Telangana	0	0	0	0	704	1	1831	2	20	0
27	Uttar Pradesh	342	4	1414	5	200	0	2892	9	0	0
28	Uttrakhand	110	2	54	0	106	0	1655	1	0	0
29	West Bengal	6456	11	5920	6	3934	4	8516	14	99	0
30	A&N Island	24	0	67	0	139	0	153	0	0	0
31	Chandigarh	351	2	107	0	13	0	966	1	1	0
32	Delhi	2093	4	5574	6	995	3	15867	60	0	0
33	D&N Haveli	156	1	190	0	641	1	1154	0	0	0
34	Daman & Diu	96	0	61	0	46	0	165	0	3	0
35	Puducherry	3506	5	2215	0	1322	1	771	0	93	0
TOTAL		50222	242	75808	193	40571	137	99913	220	2085	5

State-wise clinically suspected Chikungunya cases reported in the country

Sl. No	Name of the State	2013	2014	2015	2016 (Prov till 28th Feb)
1	Andhra Pd.	4827	1359	817	56
2	Arunachal Pd.	0	0	35	0
3	Assam	742	0	0	0
4	Bihar	0	0	3	0
5	Goa	1049	1205	561	0
6	Gujarat	2890	574	336	15
7	Haryana	1	3	1	0
8	Jharkhand	61	11	21	0
9	Karnataka	5295	6962	20763	393
10	Kerala	273	272	194	11
11	Madhya Pd.	139	161	67	0
12	Meghalaya	0	0	78	0
13	Maharashtra	1578	1572	297	78
14	Odisha	35	10	81	0
15	Punjab	0	2	0	0
16	Rajasthan	76	50	7	0
17	Tamil Nadu	859	543	329	0
18	Telangana	0	1687	2067	2
19	Tripura	0	34	180	7
20	Uttar Pradesh	0	4	0	0
21	Uttrakhand	0	0	0	0
22	West Bengal	646	1032	1013	8
23	A&N Island	202	161	68	0
24	Chandigarh	1	0	1	0
25	Delhi	18	8	64	0
26	D&N Haveli	2	0	0	0
27	Lakshadweep	0		0	0
28	Puducherry	146	399	245	10
Total		18840	16049	27228	524

No death due to Chikungunya reported in India.

Annexure-IV.**State-wise Japanese Encephalitis (JE) Cases and Deaths in the country**

Sl. No.	Affected States/ UTs	2013		2014		2015 (P)		2016 (Provisional till 28 th Feb.)	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1	Andhra Pradesh	7	3	0	0	0	0	0	0
2	Arunachal Pradesh	0	0	32	3	30	2	0	0
3	Assam	495	134	761	165	614	135	0	0
4	Bihar	14	0	20	2	66	12	0	0
5	Delhi	0	0	0	0	1	0	0	0
6	Goa	3	1	0	0	0	0	0	0
7	Haryana	2	0	5	1	2	0	0	0
8	Jharkhand	89	5	90	2	42	1	0	0
9	Karnataka	2	0	13	0	27	1	0	0
4	Kerala	2	0	3	2	2	1	0	0
11	Maharashtra	0	0	0	0	7	0	0	0
12	Manipur	0	0	1	0	6	0	0	0
13	Meghalaya	0	0	72	3	41	8	0	0
14	Nagaland	4	0	6	0	0	0	0	0
15	Punjab	0	0	0	0	0	0	0	0
16	Tamil Nadu	33	0	36	3	53	0	0	0
17	Tripura	14	0	14	0	28	4	0	0
18	Uttarakhand	0	0	2	0	2	0	0	0
19	Uttar Pradesh	281	47	191	34	351	42	0	0
20	West Bengal	140	12	415	78	342	75	4	1
21	Telengana			0	0	4	0	0	0
	Grand Total	1086	202	1661	293	1618	281	4	1

Annexure-V.

State-wise KALA-AZAR Cases and Deaths during 2013-2016									
Sl. No.	Affected States	2013		2014		2015 (P)		2016 (P) upto Jan 31.	
		C	D	C	D	C	D	C	D
1	Bihar	10730	17	7615	10	6280	5	339	1
2	Jharkhand	2515	0	937	0	1262	0	81	0
3	West Bengal	595	2	668	1	556	0	5	0
4	Uttar Pradesh	11	1	11	0	128	0	0	0
5	Uttarakhand	0	0	4	0	3	0	0	0
6	Delhi *	6	0	0	0	2	0	0	0
7	Assam	4	0	1	0	1	0	0	0
8	Sikkim	8	0	5	0	3	0	0	0
Total		13869	20	9241	11	8235	5	425	1

Note : C = Cases, D = Deaths, * = Imported, (P) = Provisional.

Cases of Lymphatic Filariasis

Sl.No.	States	2013	2014	2015
1	Andhra	90065	90019	90313
2	Telangana	57423	58525	57423
3	Assam	2189	2044	2189
4	Bihar	389972	389972	389972
5	Chhattisgarh	13921	13921	13921
6	Goa	118	118	199
7	Gujarat	7153	6529	7153
8	Jharkhand	138664	138122	164837
9	Karnataka	17769	17819	19654
10	Kerala	17734	16471	18462
11	Madhya Pradesh	8597	8597	8597
12	Maharashtra	71674	69348	74443
13	Orissa	116997	116997	116997
14	Tamil Nadu	59131	59131	59131
15	Uttar Pradesh	115712	128191	120113
16	West Bengal	95407	95407	96213
17	A&N Islands	194	194	194
18	D & N Haveli	118	118	118
19	Daman & Diu	136	136	136
20	Lakshadweep	254	254	254
21	Pondicherry	1304	1304	1304
	Total	1204532	1213217	1241623

Annexure-VII.

(Fig.Rs. In Lakhs)

State-wise Fund allocation & releases under Vector Borne Diseases

S. No.	States/UTs	2012-13		2013-14		2014-15		2015-16 (prov. upto 03.03.2016)	
		Allocation	Release	Allocation	Release	Allocation	Release	Allocation	Release
1	Andhra Pd.	2678.00	735.40	2316.32	650.01	2510.00	767.24	858.00	801.30
2	Arunachal Pd.	1574.10	835.43	1876.65	1016.31	1291.00	1166.76	1273.00	1006.12
3	Assam	4865.50	1701.76	5168.19	3813.45	3036.00	2673.05	2592.00	1773.65
4	Bihar	3333.75	5931.06	6038.31	4633.44	4800.00	11474.31	4085.00	7674.96
5	Chattisgarh	3339.30	2592.03	2999.22	1150.42	2990.00	1343.50	2545.00	415.99
6	Goa	179.10	100.00	125.81	55.87	128.00	90.75	98.00	47.50
7	Gujarat	1750.00	812.54	1612.71	736.94	2380.00	1198.20	1148.00	1159.71
8	Haryana	260.00	276.90	203.50	87.49	363.00	247.50	255.00	255.00
9	Himachal Prd.	138.55	60.21	120.55	54.01	140.00	99.75	104.00	0.00
10	J & K	106.20	43.88	110.33	76.11	155.00	89.86	92.00	90.99
11	Jharkhand	4638.60	1404.27	3836.09	1161.29	4139.50	3162.25	5537.00	3714.26
12	Karnataka	1748.10	811.39	1630.66	796.39	2320.00	1810.27	1954.00	1833.51
13	Kerala	778.00	500.11	745.56	642.94	1007.00	720.75	726.00	726.00
14	Madhya Prd.	3500.00	927.93	2053.50	877.79	2390.00	1796.90	2442.00	2041.19
15	Maharashtra	1763.00	1055.51	1557.04	817.05	2187.00	648.41	639.00	652.59
16	Manipur	689.20	228.35	1007.41	211.63	1091.00	907.05	917.00	727.00
17	Meghalaya	1344.80	770.21	1146.96	445.54	1162.00	934.82	966.00	558.42
18	Mizoram	1268.60	737.62	1398.49	614.19	1248.00	1199.05	1220.00	768.49
19	Nagaland	1187.20	930.15	1678.25	439.32	1533.00	1108.92	1203.00	628.56
20	Orissa	5563.90	2041.05	4603.18	2483.66	5170.00	2086.03	3888.00	3549.52
21	Punjab	390.00	289.26	296.00	53.94	550.00	409.31	398.00	506.00
22	Rajasthan	1361.00	1337.13	652.67	578.36	990.00	1404.50	2614.00	1760.76
23	Sikkim	77.00	33.30	50.00	27.36	70.00	51.92	53.00	57.12
24	Tamil Nadu	908.00	150.00	1971.75	1971.75	2250.00	1561.50	1619.00	1594.00
25	Telangana						429.00	487.00	424.26
26	Tripura	1580.60	905.64	1779.88	735.34	1459.00	1353.85	1400.00	1214.63
27	Uttar Pradesh	3257.20	1019.89	3469.29	2694.72	3905.50	3808.53	4335.00	1723.81
28	Uttarakhand	216.10	162.51	117.50	0.71	125.00	127.33	205.00	123.68
29	West Bengal	2890.40	1216.35	3381.03	3057.17	3500.00	1709.51	1800.00	1486.22
30	Delhi	405.50	4.65	309.50	232.12	584.00	444.00	170.00	0.00
31	Puducherry	91.00	78.36	53.87	7.73	56.00	39.81	49.00	60.67
32	A&N Islands	524.00	525.78	537.20	556.32	250.00	140.83	352.00	307.65
33	Chandigarh	88.50	64.77	75.50	63.19	96.00	56.25	80.00	78.30
34	D & N Haveli	98.20	108.69	79.44	50.74	98.00	29.96	95.00	95.00
35	Daman & Diu	61.80	38.91	54.49	23.56	72.00	39.01	68.00	68.00
36	Lakshadweep	52.80	29.55	43.15	6.93	54.00	0.95	46.00	46.00
	Total	52708.00	28460.59	53100.00	30823.79	54100.00	45131.63	46313.00	37970.86

*Total BE for undivided Andhra Pradesh & Telangana was Rs. 2510.00 Lakhs in the year 2014-15, after bifurcation of the State in June, 2014, 58.32% allocated to Andhra Pradesh and 41.68% allocated to Telangana.