

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

**LOK SABHA  
STARRED QUESTION NO. 172  
TO BE ANSWERED ON THE 29<sup>TH</sup> DECEMBER, 2017  
COMBATING MALARIA**

**\*172. SHRI MALYADRI SRIRAM:**

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

(a) whether the Government has downgraded focus on combating malaria in the country and if so, the reasons therefor;

(b) whether the Government has identified areas with highest prevalence of malaria across the country and if so, the details thereof, State-wise;

(c) whether the Government has given any directions to the malaria surveillance units to keep a regular and close watch over malaria outbreaks in such areas and if so, the details thereof; and

(d) the steps taken/proposed to be taken by the Government to enhance the malaria control and prevention across the country in 2017-18?

**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. 172\* FOR 29<sup>TH</sup> DECEMBER, 2017**

(a) No. The malaria control activities have been increased with a call for malaria elimination.

(b) Yes. Based on the malaria burden, States/Union Territories (UTs) have been categorized for malaria elimination in India as under:

Category	Definition
Category 0 Prevention of re- establishment phase	States/UTs with zero indigenous cases of malaria (Currently, no State/UT)
Category 1 Elimination phase	States/UTs with API less than one, and all their districts reporting API < 1 (15 States/UTs).
Category 2 Pre-elimination phase	States/UTs with API < 1, but some of their districts reporting API = 1 (11 States)
Category 3 Intensified control phase	States/UTs with API = 1 (10 States/UTs)

Details of Malaria epidemiological situation in these States /UTs (Base year 2014) are at Annexure-1

Detailed Malaria situation for the years 2014, 2015, 2016 and 2017 is attached at Annexure- 2. Malaria has been decreasing especially in the high prevalent states like North East States and Odisha.

(c) Yes. Malaria Surveillance is carried out throughout the country based on various reporting formats in the Malaria Programme. Malaria surveillance is based on the diagnosis by rapid diagnostics and malaria microscopy. All states/UTs have been given directions to promote early diagnosis and prompt treatment and take appropriate vector control measures including indoor residual spray and distribution of Long Lasting Insecticide Impregnated Nets (LLINs). Advisories are issued from time to time to States/UTs before and during the transmission season for taking appropriate measures to keep malaria cases under check and avert deaths.

(d) Government of India in response to Global Technical Strategy of World Health Organization (WHO) has called for malaria elimination by 2030 and for this, National Framework for Malaria Elimination (2016-2030) and a National Strategic Plan 2017-2022 have been drafted in consultation with the States/UTs. Based on the above, measures for malaria control have been strengthened (including provisions of rapid diagnostics) and nearly 40 million LLINs have been provided across the country in the year 2017-18.

## Annexure-I

### Malaria epidemiological situation for elimination planning by Category

Category (Base year 2014)	State/ UT	Population at risk (in thousands)	Total districts	Total positive cases	Pf%	ABER	API	SPR	Deaths
Category 1- states/UTs with API less than one, and all the districts in the state with API less than one (15)	Chandigarh	1080	1	114	0%	4.17	0.11	0.25	0
	Daman & Diu	274	2	56	7%	12.51	0.2	0.16	0
	Delhi	16 753	1	98	0%	1.07	0.01	0.05	0
	Goa	1506	2	824	5%	28.67	0.55	0.19	0
	Haryana	26 695	21	4485	1%	9.46	0.17	0.18	1
	Himachal Pradesh	5721	10	102	1%	8.6	0.02	0.02	0
	Jammu & Kashmir	5626	12	291	7%	8.04	0.05	0.06	0
	Kerala	33 901	14	1,751	17%	7.89	0.05	0.07	6
	Lakshadweep	65	1	-	0%	0.2	0	0	0
	Manipur	2856	12	145	50%	2.32	0.05	0.22	0
	Puducherry	1245	4	79	4%	14.53	0.06	0.04	0
	Punjab	28 677	22	1036	1%	10.78	0.04	0.03	0
	Rajasthan	77 057	33	15 118	4%	11.43	0.2	0.17	4
	Sikkim	203	4	35	51%	3.93	0.17	0.44	0
	Uttarakhand	10 112	13	1171	8%	3.84	0.12	0.3	0
Category 2- states/ UTs with API less than one and one or more districts reporting API more than one (11)	Andhra Pradesh	51 171	13	21 077	74%	19.26	0.41	0.21	0
	Assam	33 226	27	14 540	77%	11.09	0.44	0.39	11
	Bihar	105 664	38	2043	34%	0.17	0.02	1.11	0
	Gujarat	62 878	41	41 608	15%	21.38	0.66	0.31	16
	Karnataka	54 681	34	14 794	9%	17.93	0.27	0.15	2
	Maharashtra	114 973	34	53 385	48%	15.31	0.46	0.3	68
	Nagaland	2008	12	1936	33%	11.69	0.96	0.83	2
	Tamil Nadu	73 104	43	8729	4%	12.31	0.12	0.1	0
	Telangana	34 324	10	5189	89%	10.49	0.15	0.14	0
	Uttar Pradesh	203 980	75	41 612	1%	2.37	0.2	0.86	0
	West Bengal	93 675	21	26 484	19%	7.28	0.28	0.39	66
Category 3- States/UTs with API more than one (10)	Andaman & Nicobar Islands	466	3	557	20%	16.07	1.2	0.74	0
	Arunachal Pradesh	1415	16	6082	38%	8.73	4.3	4.92	9
	Chhattisgarh	27 349	27	128 993	84%	14.42	4.72	3.27	53
	Dadra & Nagar Haveli	409	1	669	13%	17.54	1.64	0.93	1
	Jharkhand	35 253	24	103 735	45%	9.63	2.94	3.06	8
	Madhya Pradesh	77 041	50	96 879	43%	13.35	1.26	0.94	26
	Meghalaya	3128	7	39 168	95%	13.99	12.52	8.95	73
	Mizoram	1116	9	23 145	91%	29.65	20.74	6.99	31
	Odisha	43 501	30	395 035	87%	14.6	9.08	6.22	89
	Tripura	3862	8	51 240	97%	15.71	13.27	8.44	96

**Annexure-II****State-wise malaria situation (total malaria cases & Annual Parasite Incidence)**

SN	States/UTs	2014		2015		2016		2017(till November)	
		Total Malaria cases	API	Total Malaria cases	API	Total Malaria cases	API	Total Malaria cases	API
1	Andhra Pradesh	21077	0.41	25042	0.49	23613	0.48	16275	0.33
2	Arunachal Pradesh	6082	4.30	5088	3.52	3128	2.02	1415	0.92
3	Assam	14540	0.44	15557	0.46	7826	0.24	4811	0.15
4	Bihar	2043	0.02	4006	0.04	5189	0.05	2977	0.03
5	Chhattisgarh	128993	4.72	144886	5.21	148220	5.31	127838	4.58
6	Goa	824	0.55	651	0.44	742	0.48	592	0.38
7	Gujarat	41608	0.66	41566	0.65	44783	0.69	37028	0.57
8	Haryana	4485	0.17	9308	0.34	7866	0.29	6861	0.25
9	Himachal Pradesh	102	0.02	60	0.01	106	0.02	95	0.02
10	Jammu & Kashmir	291	0.05	216	0.04	242	0.04	224	0.04
11	Jharkhand	103735	2.94	104800	2.91	141414	3.83	88143	2.39
12	Karnataka	14794	0.27	12445	0.21	11078	0.16	5768	0.08
13	Kerala	1751	0.05	1549	0.05	1547	0.05	1125	0.03
14	Madhya Pradesh	96879	1.26	100597	1.28	69106	0.86	36242	0.45
15	Maharashtra	53385	0.46	56603	0.47	23983	0.20	16876	0.14
16	Manipur	145	0.05	216	0.07	122	0.04	77	0.03
17	Meghalaya	39168	12.52	48603	15.10	35147	10.70	15917	4.85
18	Mizoram	23145	20.74	28593	24.71	7583	6.47	5450	4.65
19	Nagaland	1936	0.96	1527	0.76	828	0.41	388	0.19
20	Orissa	395035	9.08	436850	9.97	444843	10.06	344893	7.86
21	Punjab	1036	0.04	596	0.02	693	0.02	803	0.03
22	Rajasthan	15118	0.20	11796	0.15	12741	0.15	6549	0.08
23	Sikkim	35	0.17	27	0.13	15	0.07	12	0.06
24	Tamil Nadu	8729	0.12	5587	0.07	4341	0.06	5142	0.07
25	Telangana	5189	0.15	10951	0.30	3512	0.10	2391	0.07
26	Tripura	51240	13.27	32525	8.37	10546	2.68	6759	1.72
27	Uttarakhand	1171	0.12	1466	0.14	961	0.09	522	0.05
28	Uttar Pradesh	41612	0.20	42767	0.21	39238	0.20	31162	0.16
29	West Bengal	26484	0.28	24208	0.26	35236	0.37	25753	0.27
30	A & N Islands	557	1.20	409	0.88	485	1.04	388	0.83
31	Chandigarh	114	0.11	152	0.14	157	0.14	114	0.10
32	D & N Haveli	669	1.64	418	0.97	375	0.82	292	0.64
33	Daman & Diu	56	0.20	84	0.29	48	0.16	37	0.12
34	Delhi	98	0.01	54	0.00	31	0.00	572	0.03
35	Lakshadweep	0	0.00	4	0.06	2	0.03	1	0.02
36	Puducherry	79	0.06	54	0.04	76	0.06	56	0.05
	<b>All India</b>	<b>1102205</b>	<b>0.89</b>	<b>1169261</b>	<b>0.92</b>	<b>1085823</b>	<b>0.85</b>	<b>793548</b>	<b>0.62</b>