

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

**LOK SABHA
UNSTARRED QUESTION NO. 1019
TO BE ANSWERED ON 24.07.2026**

PREVALENCE OF JAPANESE ENCEPHALITIS

1019: DR. SHASHI THAROOR:

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

- (a) whether the Government has undertaken any recent assessment of the prevalence of Japanese Encephalitis across the country, if so, the details thereof including the identification of high-risk States and districts, State/districts-wise;
- (b) whether the Government has evaluated the effectiveness of large-scale Japanese Encephalitis vaccination campaigns, including the recent campaign undertaken in Malappuram district, Kerala, if so, the details and key findings thereof;
- (c) whether the Government maintains data on the incidence, mortality and vaccination coverage relating to Japanese Encephalitis, if so, the details thereof, State/UT-wise and district-wise;
- (d) whether the Government has identified gaps in surveillance, early detection and vaccination coverage in high-risk areas, if so, the details thereof; and
- (e) the steps taken/proposed to be taken by the Government to strengthen surveillance, expand vaccination coverage and improve preparedness to prevent outbreaks of Japanese Encephalitis?

ANSWER

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

(a) to (e): Public Health is a State Subject and the responsibility for strengthening of healthcare system lies with respective State/Union Territory Governments. However, under National Health Mission (NHM), Ministry of Health and Family Welfare, Government of India provides financial and technical support to the States/UTs including Kerala in an integrated manner for control of Vector Borne Diseases including Japanese Encephalitis (JE) control activities, based on the Programme Implementation Plans (PIPs) submitted by the States/UTs within their overall resource envelope.

The Ministry of Health and Family Welfare, Directorate General of Health Services and National Center for Vector Borne Diseases Control (NCVBDC) are regularly monitoring the prevalence of Japanese Encephalitis in the country including Malappuram district, Kerala, through regular reviews and reports submitted by the States/UTs and through field visits.

NCVBDC under Ministry of Health and Family Welfare maintains surveillance data on Japanese Encephalitis (JE) cases. Japanese Encephalitis (JE) is endemic in 357 districts of 24 States/UTs. As reported by respective State/UTs, the State/UT wise incidence, mortality and vaccination coverage data is attached at **Annexure-1**.

The following measures and initiatives have been undertaken for prevention and control of Japanese Encephalitis (JE) in the country including Kerala:

- Disease Management involving early case detection, strengthening of referral services, epidemic preparedness and rapid response.
- Vector control includes fogging in selected high-risk areas, minor environmental engineering and source reduction for prevention of breeding and minor environmental engineering and source reduction for prevention of breeding.
- Inter-Sectoral Convergence including high-level advocacy with allied ministries, Human Resource Development through capacity building and policy development.
- Supportive Interventions aiming at Information Education and Communication (IEC) & Behaviour Change Communication (BCC) and dissemination of public health messages through various media platforms including social media, radio, newspapers, and electronic media.
- States are trained to enter the data on Integrated Health Information Portal-Vector Borne Diseases (IHIP-VBD) portal including JE surveillance for real time monitoring,
- Provided Technical Guidelines for case management, prevention and control to the States for implementation.
- For surveillance and free diagnosis of JE, a network of 178 Sentinel Surveillance Hospitals (SSHs) and 15 Apex Referral laboratories (ARLs) identified across the country. GoI provides IgM test kits to all identified laboratories through National Institute of Virology (NIV), Pune.
- Capacity building and training of trainers, community leaders, and frontline workers to enhance outreach at the grassroots level.
- Advisories are regularly issued to States and Union Territories to continue promotive, preventive, and curative measures, including outbreak containment.

JE is endemic in Malappuram district of Kerala and State of Kerala has informed that the vaccination campaign has been started in Malappuram district from January, 2026. The details of vaccination coverage in different Blocks of Malappuram district is attached at **Annexure-2**.

Annexure referred to reply of the Lok Sabha Unstarred Q. NO. 1019 for reply on 24.07.2026

State/UT wise incidence, mortality and vaccination coverage data of JE

Sl. No.	Endemic States/ UTs	2025		Vaccination coverage under Routine Immunization (%)	
		Cases	Deaths	JE-1	JE-2
1.	Assam	423	79	78.9	71.4
2.	Meghalaya	70	5	86.2	79.2
3.	Chhattisgarh	69	2	105.9	102.4
4.	Tamil Nadu	65	0	91.3	85.5
5.	Uttar Pradesh	63	2	96.8	86.9
6.	Madhya Pradesh	48	0	91.1	77.5
7.	West Bengal	40	7	93.5	87.3
8.	Jharkhand	37	0	93.1	86.9
9.	Karnataka	31	1	108.6	105.2
10.	Bihar	28	5	99.6	94.3
11.	Manipur	21	2	95.0	88.8
12.	Tripura	20	0	95.7	91.3
13.	Nagaland	19	3	81.8	70.3
14.	Odisha	18	0	97.8	94.3
15.	Arunachal Pradesh	10	2	109.9	101.8
16.	Maharashtra	7	1	87.2	71.4
17.	Kerala	3	1	114.1	120.2
18.	Andhra Pradesh	2	0	91.4	84.5
19.	Punjab	1	0	0	0
20.	Goa	0	0	109.6	104.7
21.	Haryana	0	0	101.7	94.1
22.	Telangana	0	0	126.4	116.7
23.	Uttarakhand	0	0	77.0	71.9
24.	Delhi	0	0	0	0
Grand Total		975	110		

Annexure referred to reply of the Lok Sabha Unstarred Q. NO. 1019 for reply on 24.07.2026

Coverage in different Blocks of Malappuram district

Sr. No.	Block	Vaccination Coverage under Routine Immunization (%)
1.	Chungathara	15
2.	Edappal	20
3.	Edavanna	9
4.	Kalikavu	9
5.	Mankada	8
6.	Maranchery	13
7.	Mankeri	13
8.	Melattur	12
9.	Pallikkal	16
10.	Peruvallur	12
11.	Pookkottur	8
12.	Thirurvali	13
13.	Valavannur	8
14.	Vengara	12
15.	Vettom	12