

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

**LOK SABHA  
UNSTARRED QUESTION NO. 1888  
TO BE ANSWERED ON 02.08.2024**

**RISE OF COMMUNICABLE DISEASES IN KERALA**

**1888 SHRI HIBI EDEN:**

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

- (a) whether the Government has noticed an increase in the reported cases of communicable diseases in the State of Kerala, if so, the details thereof;
- (b) whether the Government found any potential reason for such a rise in the State; and
- (c) the steps taken/proposed to be taken by the Government to keep spread of diseases in control?

**ANSWER**

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

(a) to (c): Climate change is potentially linked with rising instances of diseases in the State of Kerala, for instance through higher temperatures, water scarcity and flooding. Cases of Communicable Disease reported under IDSP in Kerala from 2021-2024 is at annexure.

Integrated Disease Surveillance Program (IDSP) is an important program under National Health Mission that does the disease surveillance in the country. IDSP is implemented in all 36 States/UTs. The program is responsible for the surveillance of 33 plus epidemic prone diseases. The surveillance tool consists of S (Syndromic) form filled by Auxiliary Nurse and Midwife (ANM) at the Sub-centre level, P (Presumptive) form filled by medical officers at health facility level and L (Laboratory confirmed) form filled by laboratories as per standard case definitions.

Every State has designated laboratories like District Public Health Laboratories (DPHLs), State Referral Laboratories (SRLs) under IDSP for investigation and surveillance of these diseases. IDSP also performs media scanning & verification of print and electronic media to strengthen the event-based surveillance. Based on the disease surveillance data appropriate action for the control of communicable diseases are taken at each level.

Further, to strengthen the disease surveillance in the country, the Integrated Disease Surveillance Programme (IDSP) has shifted from a paper-based weekly reporting to a paperless reporting through Integrated Health Information Platform (IHIP). IHIP is an

information platform that integrates data from various “registries” to provide near real-time information on health surveillance from all across India for decision-makers to take appropriate public health action.

For the recent outbreak of Nipah Viral Disease in Kerala, NCDC has deployed a National Joint Response team with ICMR, DAHD and Wildlife Department in response to the positive case of Nipah viral Disease reported from Malapuram. ICMR NIV team with the mobile BSL -3 lab is deployed in Malapuram for diagnostic testing and specialized team is deputed for Bat catching and testing. A Field survey team of 4 NIOH scientist and one technical staff is currently deployed in Kerala.

Kerala reported multiple avian influenza outbreaks. ICMR-NIV, Pune, isolated the virus as H5N1 and identified it as Clade 2.3.4.4b through genomic sequencing. The national team from the Department of Animal Husbandry & Dairying, along with the NCDC and ICMR, contributed to the outbreak response and helped in the containment of the disease.

Under National Health Mission (NHM) funds are released to States/UTs under flexible pools on a lump sum basis to provide greater flexibility to States/UTs to utilize the funds as per their felt need and priorities. Financial support is provided to the States/UTs for implementation of these programmes, on the basis of their proposals in Programme Implementation Plans (PIPs).

Health is a State subject. Ministry of Health & Family Welfare provides technical and financial support to States/UTs through various schemes including National Vector Borne Diseases Control Programme (NVBDCP), National AIDS Control Programme (NACP), National TB Elimination Programme (NTEP), National Leprosy Eradication Programme (NLEP) and National Viral Hepatitis Control Programme (NVHCP) under the aegis of National Health Mission (NHM) to prevent and control various communicable diseases.

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**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) to (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 1888 FOR 02.08.2024 REGARDING RISE OF COMMUNICABLE DISEASE IN KERALA**

<b>Cases of Communicable Disease reported in Outbreaks under IDSP in Kerala from 2021-2024</b>						
<b>S.no</b>	<b>Disease</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024*</b>	<b>Grand Total</b>
1	Acute Diarrheal Disease	468	1112	2360	597	4537
2	Acute Encephalitis Syndrome				4	4
3	Acute Gastroenteritis		22	45		67
4	Acute Meningoencephalitis (Naegleria fowleri)		1			1
5	Acute Respiratory Illness	30				30
6	Adeno Virus			993		993
7	Animal Bite - Dog Bite			5	9	14
8	Brucellosis	1	1	2		4
9	Chickenpox		98	265	146	509
10	Chikungunya	26				26
11	Cholera	1		52		53
12	Dengue	482	448	1044	229	2203
13	Dysentery	10				10
14	Fever			36		36
15	Fever with Rash		13		91	104
16	Food Poisoning	1226	1612	3397	1387	7622
17	Food Poisoning (Noro Virus)		37			37
18	Hand Foot & Mouth Disease		5			5
19	Influenza A H3N2			23		23
20	Japanese Encephalitis		13	1		14
21	Jaundice			25	37	62
22	Kala Azar	2	5	10		17
23	Kyasanur Forest Disease		1			1
24	Leptospirosis	26	46			72
25	Lyme Disease		1			1
26	Measles		90	250		340
27	Melioidosis	1		2	2	5
28	Monkey Pox		3	6	2	11
29	Mumps		66	160	418	644
30	Nipah			6		6
31	Probable Leishmaniasis			1		1
32	Shigellosis		3	26		29
33	Suspected Dengue			5		5
34	Suspected Food Poisoning		4	712		716
35	Suspected Mumps		11			11
36	Suspected Typhoid		4	32		36
37	Typhoid			37	57	94

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38	TB	21,872	23,388	21,799	10,077	77,136
38	Viral Fever/PUO	9				9
39	Viral Hepatitis A	27	195	675	1518	2415
40	Viral Hepatitis B	4	9			13
41	Viral Hepatitis C	6				6
42	West Nile Fever		2	9	5	16
43	Zika Virus	84	1	12		97
<b>Total</b>		<b>24,275</b>	<b>27,191</b>	<b>31,990</b>	<b>14,579*</b>	<b>98,035</b>
* As of Now in the Year 2024 Outbreaks reported till week 21st ending on 26/05/2024 Blank cell no outbreaks reported.						