

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

**LOK SABHA
UNSTARRED QUESTION NO. 814
TO BE ANSWERED ON 5TH FEBRUARY, 2021**

ACUTE ENCEPHALITIS SYNDROME

814. MS. RAMYA HARIDAS:

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

- (a) whether there is rise in Acute Encephalitis Syndrome (AES) cases in the country recently;
- (b) if so, the number of children died due to the disease, State/UT-wise;
- (c) whether the hospital infrastructure is adequate to deal with such an emergency situation;
- (d) if so, the details thereof and if not, the reasons therefor; and
- (e) whether any vaccination is available for AES and if so, the details thereof and the preventive measures taken in this regard?

ANSWER

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

(a) & (b) : There is no rise in Acute Encephalitis Syndrome (AES) cases in the country. The State-wise number of cases and deaths due to the disease are at Annexure. In the year 2020 only 6369 cases have been reported as against 17103 cases in 2019.

(c) to (e) : On 01.05.2020 a meeting through video conference was also taken by Hon'ble Minister of Health & FW with Hon'ble Health Minister of Bihar to discuss the state of preparedness to deal with AES cases this year. As per the State Government a specific AES ward at Shrikrishna Medical College & Hospital (SKMCH), Muzaffarpur with capacity of around 200 beds has been set up to deal with the cases. Glucometers have been provided to PHCs. 10 ambulances have already been provided and 20 more were under deployment. Training has been imparted to the doctors and nurses from State Health Department of Bihar to deal with AES cases effectively. Roster for healthcare personnel has been prepared for deployment during peak hours. Anganwadi workers and ASHAs have been mobilized to educate people in villages regarding steps to be taken to prevent malnutrition in children. A fully automated IMD observatory has been made operational at Muzaffarpur. Daily local weather report for Muzaffarpur and Patna is being shared with state and National Centre for Disease Control. No vaccine is available for AES. AES is caused by multiple bacterial, viral and parasitic pathogens. One of the major causes of viral encephalitis is Japanese encephalitis (JE). Vaccine for JE has been introduced in the programme for endemic areas in 2006.

Annexure

States/UTs wise Cases and Deaths Due to Acute Encephalitis Syndrome during 2015 – 2019											
Sl No	State / U.T.	2015		2016		2017		2018		2019	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1	Andhra Pradesh	50	0	4	0	37	0	16	0	2	0
2	Arunachal Pradesh	73	2	1	0	5	0	0	0	0	0
3	Assam	1409	260	1713	187	2077	178	1492	183	2652	353
4	Bihar	285	90	324	102	189	54	124	33	525	116
5	Chhattisgarh	0	0	0	0	0	0	0	0	0	0
6	Goa	0	0	12	0	1	0	18	0	69	0
7	Gujarat	0	0	0	0	0	0	0	0	0	0
8	Haryana	2	0	2	0	4	1	0	0	0	0
9	Himachal Pradesh	0	0	0	0	0	0	0	0	0	0
10	J & K	0	0	0	0	0	0	0	0	0	0
11	Jharkhand	217	8	296	5	272	1	544	0	912	3
12	Karnataka	335	1	406	0	295	2	380	5	329	0
13	Kerala	29	3	18	5	7	4	26	14	25	2
14	Madhya Pradesh	0	0	0	0	0	0	0	0	0	0
15	Maharashtra	51	0	70	1	143	0	48	1	167	11
16	Manipur	34	0	475	1	1125	10	283	3	1177	6
17	Meghalaya	174	8	164	4	160	4	243	6	682	9
18	Mizoram	0	0	0	0	0	0	0	0	0	0
19	Nagaland	10	1	0	0	36	2	27	0	97	0
20	Odisha	660	2	1096	115	1228	15	1720	10	1837	6
21	Punjab	1	0	1	0	1	1	0	0	1	0
22	Rajasthan	0	0	0	0	0	0	0	0	0	0
23	Sikkim	0	0	0	0	0	0	0	0	0	0
24	Tamil Nadu	847	0	859	3	1358	2	1287	5	908	2
25	Telangana	157	1	72	0	136	0	27	0	96	0
26	Tripura	459	4	380	1	323	0	311	0	277	2
27	Uttarakhand	2894	479	3919	621	4724	654	3080	230	2032	109
28	Uttar Pradesh	2	0	0	0	0	0	0	0	0	0
29	West Bengal	2165	351	1839	256	1514	169	1762	146	1217	81
30	A & N Islands	0	0	0	0	0	0	0	0	0	0
31	Chandigarh	0	0	0	0	0	0	0	0	0	0
32	D & N Haveli	0	0	0	0	0	0	0	0	0	0
33	Daman & Diu	0	0	0	0	0	0	0	0	0	0
34	Delhi	0	0	0	0	0	0	0	0	0	0
35	Lakshadweep	0	0	0	0	0	0	0	0	0	0
36	Puducherry	0	0	0	0	0	0	0	0	0	0
Total		9854	1210	11651	1301	13635	1097	11388	636	13005	700