

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

**LOK SABHA  
UNSTARRED QUESTION NO. 2827  
TO BE ANSWERED ON 2<sup>ND</sup> DECEMBER, 2016**

**JAPANESE ENCEPHALITIS**

**2827. SHRI RAMA CHANDRA HANSDAH:  
SHRI ANURAG SINGH THAKUR:**

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

- (a) the districts prone to the Japanese Encephalitis (JE) and Acute Encephalitis Syndrome (AES) and number of cases and deaths reported in the country during the last three years and the current year, State/ UT-wise;
- (b) whether the Government proposes to launch any vaccination programme against these diseases and if so, the details thereof; and
- (c) the steps taken/proposed by the Government for effective diagnosis, surveillance treatment and prevention and eradication of JE and AES in the country?

**ANSWER  
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND  
FAMILY WELFARE  
(SHRI FAGGAN SINGH KULASTE)**

(a): As per the reports submitted by the States/UTs, 257 districts are affected by JE and 442 districts are affected by AES. Statements indicating State/UT-wise, number of JE and AES cases and deaths reported during the last three years and the current year, are at Annexure - I & II.

(b):

- AES is caused by various reasons like bacteria, virus etc. of which only JE is vaccine preventable disease, for which vaccination is provided.
- As on date, out of 216 endemic districts, 198 have been covered under JE vaccination campaign in 1-15 years children. The campaign is followed by two doses of JE vaccine under Routine Immunization (at 9-12 months and 16-24 months) to cover the new cohort under Universal Immunization Programme (UIP) since 2006.
- Adult JE vaccination has been completed in 5 districts of Assam and selected blocks of 7 districts of UP and 9 districts of West Bengal. More Blocks have been identified for Adult JE vaccination campaign (>15-65 years) in the States of West Bengal and Assam.

Contd.....

(c):

- A multi-pronged strategy has been adopted under the National Programme for Prevention and Control of JE/AES approved by the cabinet on 18.10.2012 in sixty high priority districts in 5 States of Assam, Bihar,

Tamil Nadu, Uttar Pradesh and West Bengal with the participation of Ministry of Health & Family Welfare, Ministry of Drinking Water & Sanitation, Ministry of Housing & Urban Poverty Alleviation, Ministry of Social Justice & Empowerment, Ministry of Women & Child Development and Ministry of Human Resource Development (Department of School Education & Literacy). The Major components under the Programme include strengthening of JE/AES surveillance by establishing sentinel laboratories, reduction in case fatality rate by establishment of Pediatric Intensive Care Unit (ICU) at district level in 60 high burdened districts, capacity building in critical case management, JE vaccination, supply of safe drinking water, establishment of Physical Medicine and Rehabilitation Department in 10 identified medical college of five states.

- Number of Sentinel sites increased from 51 in 2005 to 130 at present.
  - Apex Referral Laboratories increased from 12 to 15.
  - Out of 216 endemic districts, 197 districts covered under JE vaccination campaign in 1-15 years children.
  - Adult JE vaccination completed in 5 districts of Assam and selected blocks of 7 districts of UP and 9 districts of West Bengal. More Blocks have been identified for Adult JE vaccination campaign (>15-65 years) in the States of West Bengal and Assam.
  - Till date funds released for 42 Pediatric Intensive Care Unit (PICU).
  - Funds have been released for 10 Physical Medicine Rehabilitation (PMR).
- .....

**Annexure-I****State wise Number of JE Case (C) and Death (D) - 2013 to 2016 (till 27.11.2016)**

Sl. No	States/ UTs	No. of Districts	Year							
			2013		2014		2015		2016 (P) till 27.11.2016	
			C	D	C	D	C	D	C	D
1	Andhra Pradesh	1	7	3	0	0	0	0	0	0
2	Arunachal Pradesh	11	0	0	32	3	32	2	0	0
3	Assam	28	495	134	761	165	614	135	416	85
4	Bihar	23	14	0	20	2	66	12	82	20
5	Delhi	8	0	0	0	0	1	0	0	0
6	Goa	2	3	1	0	0	0	0	1	0
7	Haryana	5	2	0	5	1	2	0	2	0
8	Jharkhand	16	89	5	90	2	116	8	43	5
9	Karnataka	16	2	0	13	0	27	1	1	0
10	Kerala	7	2	0	3	2	2	1	2	0
11	Maharashtra	3	0	0	0	0	7	0	4	0
12	Manipur	8	0	0	1	0	6	0	44	1
13	Meghalaya	8	0	0	72	3	41	8	34	4
14	Nagaland	8	4	0	6	0	0	0	0	0
15	Odisha	15	0	0	0	0	33	2	221	39
16	Punjab	2	0	0	0	0	0	0	1	0
17	Tamil Nadu	28	33	0	36	3	53	0	36	0
18	Telangana	7	0	0	0	0	8	1	4	0
19	Tripura	8	14	0	14	0	28	4	77	1
20	Uttar Pradesh	32	281	47	191	34	351	42	353	68
21	Uttarakhand	1	0	0	2	0	2	0	0	0
22	West Bengal	20	140	12	415	78	342	75	153	33
<b>Grand Total</b>		<b>257</b>	<b>1086</b>	<b>202</b>	<b>1661</b>	<b>293</b>	<b>1731</b>	<b>291</b>	<b>1474</b>	<b>256</b>

**Annexure-II****State wise Number of AES Case (C) and Death (D) - 2013 to 2016 (till 27.11.2016)**

Sl. No	States/ UTs	No. of Districts	Year							
			2013		2014		2015		2016 (P) till 27.11.2016	
			C	D	C	D	C	D	C	D
1	Andhra Pradesh	13	345	3	31	0	50	0	4	0
2	Arunachal Pradesh	17	0	0	102	11	73	2	1	0
3	Assam	28	1388	272	2194	360	1409	260	1668	183
4	Bihar	40	417	143	1358	355	285	90	269	90
5	Delhi	8	0	0	0	0	1	0	0	0
6	Goa	2	48	1	17	0	0	0	12	0
7	Haryana	14	2	0	6	1	2	0	2	0
8	Jharkhand	24	270	5	288	2	217	8	288	5
9	Karnataka	32	162	0	75	0	335	1	193	0
10	Kerala	14	53	6	6	2	29	3	13	3
11	Maharashtra	27	0	0	0	0	51	0	28	0
12	Manipur	10	1	0	16	0	34	0	437	1
13	Meghalaya	11	0	0	212	3	174	8	89	4
14	Nagaland	12	20	0	20	1	10	1	0	0
15	Odisha	30	0	0	0	0	660	2	960	106
16	Punjab	22	0	0	2	0	1	0	1	0
17	Tamil Nadu	44	77	8	346	4	847	0	624	2
18	Telangana	10	0	0	155	5	157	1	57	0
19	Tripura	8	211	0	323	0	459	4	306	1
20	Uttar Pradesh	43	3096	609	3329	627	2894	479	3599	569
21	Uttarakhand	13	0	0	2	0	2	0	0	0
22	West Bengal	20	1735	226	2385	348	2165	351	1601	235
<b>Grand Total</b>		<b>442</b>	<b>7825</b>	<b>1273</b>	<b>10867</b>	<b>1719</b>	<b>9855</b>	<b>1210</b>	<b>10152</b>	<b>1199</b>