

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

**LOK SABHA
UNSTARRED QUESTION NO. 5052
TO BE ANSWERED ON 31ST MARCH, 2017**

ROTAVIRUS INFECTION

5052. SHRI DUSHYANT CHAUTALA:

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

- (a) whether the Government is aware that eight to ten lakh children are admitted in hospitals across the country due to rotavirus infection every year and one lakh out of them succumb to death;
- (b) if so, the details thereof and the total number of children affected by rotavirus, State-wise for the last three years;
- (c) whether the Government has contemplated specifics for rotavirus eradication programme on the line of TB eradication programme across the country; and
- (d) if so, the details thereof and the action taken by the Government thereon?

ANSWER

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

(a) & (b): Yes, as per the published paper in Journal Vaccine titled “Rotavirus gastroenteritis in India, 2011-2013: the revised estimates of disease burden and potential impact of vaccines” there are estimated 8,72,000 inpatient admissions and 78,000 rotavirus associated deaths in the country.

There is no rotavirus surveillance carried out by States/UTs to ascertain States/UTs wise burden. However, ICMR in collaboration with Christen Medical College, Vellore has established sentinel surveillance of selected sites in the country and has projected States/UTs wise rotavirus disease burden as at Annexure.

(c) & (d): The rotavirus cannot be technically eradicated with the present vaccine as the vaccine does not provide lifelong immunity, virus is viable outside the human body for long time, it has animal reservoir, and there are subclinical infections that are transmissible. However, the rotavirus disease can be controlled through vaccination of children under Universal Immunization Programme. Rotavirus vaccine is under Universal Immunization Programme in nine States namely Himachal Pradesh, Haryana, Andhra Pradesh, Orissa, Assam, Tripura, Rajasthan, Madhya Pradesh and Tamil Nadu. The vaccine is given to child as three doses at 6, 10 and 14 weeks of age of the child.

Estimated State/UTs wise Rotavirus diarrhoea burden

S.No.	State/UTs	Rotavirus diarrhoea deaths	Rotavirus diarrhoea hospital episodes
1	Andaman & Nicobar	13	243
2	Andhra & Telangana	2592	42717
3	Arunachal Pradesh	57	1171
4	Assam	2444	11573
5	Bihar	7136	118060
6	Chhattisgarh	1538	16921
7	Chandigarh	54	1025
8	Dadra & NH	22	424
9	Daman & Diu	10	189
10	Delhi	419	19343
11	Goa	45	751
12	Gujarat	2706	81958
13	Haryana	1203	39785
14	Himachal	216	5811
15	Orissa	2556	47517
16	Punjab	656	23858
17	J & K	401	13699
18	Jharkhand	1823	39690
19	Karnataka	1852	50770
20	Kerala	294	18272
21	Lakshadweep	2	50
22	Madhya Pradesh	6458	110582
23	Maharashtra	2369	99899
24	Meghalaya	149	1953
25	Mizoram	38	423
26	Manipur	86	1136
27	Nagaland	82	396
28	Puducherry	56	1047
29	Rajasthan	4876	92129
30	Sikkim	25	421
31	Tamil Nadu	1166	31937
32	Tripura	118	2066
33	Uttarakhand	435	12430
34	UP	17289	216084
35	WB	2433	49468
	India	61167	1141580