

**GOVERNMENT OF INDIA  
HEALTH AND FAMILY WELFARE  
LOK SABHA**

UNSTARRED QUESTION NO:3448

ANSWERED ON:14.08.2000

RABIES CASES

ALE NARENDRA;ASHOK NAMDEORAO MOHOL;GADDE RAMAMOCHAN;JAYASHREE BANERJEE;M.V.V.S MURTHI;RAMDAS ATHAWALE;S. JAGATHRAKSHAKAN;SANJAY PASWAN;SHVAJI MANE

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

- (a) whether rabies are becoming major health problem in the country;
- (b) is so, the number of persons died and undergone post exposure treatment during each of the last three years, State-wise;
- (c) the total demand and supply of rabies vaccine in the country at present;
- (d) whether there are shortage of rabies vaccine (Immunoglobulin) in the country;
- (e) if so, the reasons therefor;
- (f) whether CRI, Kasauli is the only institute for producing two vaccines,
- (g) if so, the details of vaccines produced by CRI along with the total quantity proposed every year separately, and
- (h) the further steps taken by the Government to provide and ensure adequate supply of these vaccines as per demand in the country?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (PROF. RITA VERMA)

(a) to (h) A statement is laid on the Table of the House.

STATEMENT REFERRED IN REPLY TO PARTS (a) OF LOK SABHA UNSTARRED QUESTION NUMBER 3448 FOR ANSWERED ON 14/8/2000

Central Bureau of Health Intelligence is compiling the reported cases of rabies/dog bites and deaths due to rabies. A statement furnished by them indicating the reported cases of rabies/dog bites and deaths due to rabies for the past three years is annexed.

The demand of anti-rabies vaccine is based on the indents placed by the States/Union Territories to the different vaccine production institutions. The production is regulated accordingly. An average of 35 million ml of the nervous tissue vaccine (NTV) is being produced in 10 public sector institutions in the country. About 30 lakh doses of purified chick embryo cell vaccine (tissue culture anti-rabies vaccine) are produced in private sector institute. Nervous tissue vaccine (NTV) is available free of cost in anti-rabies treatment centres in the Government set up throughout the country.

Tissue Culture Anti Rabies Vaccine (TCARV) based on new technology is being manufactured in the public sector unit of National Dairy Development Board (Deptt. Of Animal Husbandary & Dairying) at Udagamandalam. It is likely to be manufactured at Pasteur Institute of India, Coonoor, public sector unit under Ministry of Health and Family Welfare shortly.

At present Anti Rabies Serum (Immunoglobulin) is being produced only at Central Research Institute, Kasauli. All indents have been supplied ARV/ARS by the institute. Imported purified equine rabies immunoglobulins (ERIG) and human rabies immunoglobulin (HRIG) are also available but not used in all cases because of their high cost and erratic supply.

The production of Anti Rabies Vaccine & Anti Rabies Serum at Central Research Institute, Kasauli is as under :

Actual Production (in millilitres)	Proposed Production (in millilitres)
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1998-99	1999-2000	2000-2001	2001-2002
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Anti Rabies Vaccine	63,69500	63,64,400	75,00,000	75,00,000
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(NTV)

Anti Rabies Serum	1,29,000	2,22,800	2,50,000	2,50,000
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STATEMENT SHOWING DOG BITE CASES AND DEATHS DUE TO RABIES DURING 1997

S. No.	STATE/UT CASES	DEATHS	RABIES/DOG-BITES	
1.	Andhra Pradesh		375	78
2.	Arunachal Pradesh		0	0
3.	Assam		148	4
4.	Bihar		-	
5.	Goa		1	2
6.	Gujarat		31	2
7.	Haryana		3	0
8.	Himachal Pradesh		0	0
9.	Jammu & Kashmir		479	@
10.	Karnataka		7125	34
11.	Kerala		62	5
12.	Madhya Pradesh		596	4
13.	Maharashtra		130	130
14.	Manipur		0	0
15.	Meghalaya		264	0
16.	Mizoram		0	0
17.	Nagaland		66	0
18.	Orissa		160	8
19.	Punjab		-	-
20.	Rajasthan		1953	5
21.	Sikkim		0	0
22.	Tamil Nadu		111	5
23.	Tripura		0	0
24.	Uttar Pradesh		95	93
25.	West Bengal		262	262
26.	A&N Islands		0	0
27.	Chandigarh		1	0
28.	Dadra & Nagar Haveli		0	0
29.	Daman & Diu		0	0
30.	Delhi		196	16
31.	Lakshadweep		0	0
32.	Pondicherry		11	5
Total (All India)			12071	655

@ data not reported  
 .. data not received

Data is provisional and not comparable due to ill-defined coverage.  
Source : Monthly Health Condition Reports of States/UTs (Dir. Of Health Services) as reported by (BHI)

Note : The figures represent updated data by CBHI as on 7/8/2000.

STATEMENT SHOWING DOG BITE CASES AND DEATHS DUE TO RABIES DURING 1998

S. No.	STATE/UT	CASES	DEATHS	RABIES/DOG-BITES
01	Andhra Pradesh			377 104
02	Arunachal Pradesh			0 0
03	Assam			38 0
04	Bihar			0 0
05	Goa			0 7
06	Gujarat			5 1
07	Haryana			1 0
08	Himachal Pradesh			2 1
09	Jammu & Kashmir			142 @
10	Karnataka			9205 36
11	Kerala			106 18
12	Madhya Pradesh			423 0
13	Maharashtra			69 69
14	Manipur			0 0
15	Meghalaya			398 0
16	Mizoram			1 0
17	Nagaland			210 2
18	Orissa			159 9
19	Punjab			0 0
20	Rajasthan			722 3
21	Sikkim			50 0
22	Tamil Nadu			70 13
23	Tripura			21 2
24	Uttar Pradesh			245 91
25	West Bengal			188 188
26	A&N Islands			0 0
27	Chandigarh			. .
28	Dadra & Nagar Haveli			1 0
29	Daman & Diu			0 0
30	Delhi			138 18
31	Lakshadweep			0 0
32	Pondicherry			6 6
Total (All India)		12575	586	

@ DATA NOT REPORTED  
.. DATA NOT RECEIVED

DATE IS PROVISIONAL AND NOT COMPARABLE DUE TO ILL-DEFINED COVERAGE.

X ONLY KASHMIR DIV.  
XX DATA FOR Aug 1998 not received  
\$ Data for Oct 98 not received  
\$\$ Data for July & Aug 98 not received

Source : Monthly Health Condition Reports of State/UTs (Dir. Of Health Services)  
as reported by BHI)

Note: The figures represent updated data by CBHI as on 7/8/2000.

STATEMENT SHOWING DOG BITE CASES AND DEATHS DUE TO RABIES DURING 1999

S. No.	State/UTs Cases	From Jan Deaths		Rabies/Dog Bites						
		MALE	FEMALE	TOTAL	MALE	FEMALE				TOTAL
1	Andhra Pradesh			Nov	-	-	577	-	-	70
2	Arunachal Pradesh			NR	-	-	-	-	-	
3.	Assam			NR	-	-	-	-	-	-
4	Bihar			NR	-	-	-	-	-	-
5.	Goa			Dec	0	0	0	1	1	2
6	Gujarat			Dec(except Mar to Jun)	21	5	29	5	3	8
7	Haryana			NR	-	-	-	-	-	-
8	Himachal Pradesh			Nov	-	-	271	0	0	0
9	Jammu & Kashmir			Sep	644	388	1032	26	8	34
10	Karnataka			Aug	146	103	249	14	4	18
11.	Kerala			Dec	17	12	29	0	0	0
12	Madhya Pradesh			Jan, Mar & Apr	51	22	73	51	22	73
13.	Maharashtra			Dec	0	0	0	0	0	0
14	Manipur			Dec	44	10	251	0	0	0
15.	Meghalaya			Dec	-	-	1	0	0	0
16	Mizoram			Oct	-	-	-	-	-	-
17	Nagaland			Jan to Nov except Feb	4	0	62	0	0	0
18	Orrisa			NR						
19	Punjab			NR						
20	Rajasthan			Dec Sep	212	134	346	2	2	4
21	Sikkim			NR	-	-	-	-	-	-
22	Tamil Nadu			Nov	-	-	66	-	-	9
23	Tripura			Dec	8	7	15	2	0	2
24	Uttar Pradesh			Aug	-	-	48	0	0	6
25	West Bengal			NR	-	-	-	-	-	-
26	A & N Islands			Dec	0	0	0	0	0	0
27	Chandigarh			NR	-	-	-	-	-	-
28	Dadar & Nagar Haveli			Jan	0	0	0	0	0	0
29	Damn & Diu			Dec	0	0	0	0	0	0
30	Delhi			Sep	4	0	4	1	0	1
31	Laksdweep			Dec	0	0	0	0	0	0
32	Pondicherry			Dec	1	0	1	1	0	1
Total (All India)					1152	681	3085	103	40	224

The sum of Male & Female may not tally with the total figure as some State/UTs have not reported Gender-wise information separately.

NR : Not Reported  
` ` Male Female break up is not available

Data is provisional as reported by CBHI

Note ; The figures represent updated data by CBHI as on 7/8/2000