

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

**LOK SABHA
UNSTARRED QUESTION NO. 48
TO BE ANSWERED ON 21ST JUNE, 2019**

FATAL DISEASES

**48. SHRI SUNIL KUMAR SINGH:
SHRI RAVINDRA SHYAM NARAYAN SHUKLA ALIAS RAVI KISHAN:
SHRI RODMAL NAGAR:
SHRI P.P. CHAUDHARY:
SHRI SUMENDAND SARASWATI:
SHRI SUDHAKAR TUKARAM SHRANGARE:**

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

(a) whether the fatal diseases like Nipah virus, Swine flu, Chikungunya, Cancer and Tuberculosis (TB) etc. are fast spreading in various parts of the country;

(b) if so, the number of people infected and died due to these diseases during the last three years across the country, State/ UT-wise;

(c) whether the Government has formulated any detailed action plan for complete eradication of Nipah virus, Swine flu, Chikungunya, Cancer and Tuberculosis; and

(d) if so, the details thereof?

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

(a) & (b) Nipah Virus disease have focal and local presentation previously reported in 2001 from West Bengal and recently in the year 2018 and 2019 in Kerala. Details are placed below:

Month /Year	Location	No. of Cases	No. of Deaths
Feb 2001	Siliguri (West Bengal)	66	45
April 2007	Nadia (West Bengal)	5	5
May* 2018	Kozhikode and Mallapuram (Kerala)	19*	17
May 2019	Ernakulam (Kerala)	1	0

*Index case was not lab confirmed.

Seasonal Influenza A (H1N1) previously known as swine flu is a routine occurrence in the country with seasonal upsurges. The State wise number of cases and deaths due to H1N1 is paced at **Annexure I**.

State-wise Chikungunya cases reported in the country during the last three years are enclosed at **Annexure II**. Till date, there is no death reported by any States/UTs directly attributable to Chikungunya.

As per National Centre for Disease Informatics and Research-National Cancer Registry Programme data, there has been an increase in estimated incidence of cancer cases in the country. The estimated number of incidence of cancer cases during the last three years, State/UT-wise is at **Annexure III**.

The estimated incidence of Tuberculosis in India has been declining over the years. From 289 in the year 2000 it has come down to 204 per lakh population for the year 2017, as per the Global TB report 2018. India accounts for 27.4 lakh estimated new TB cases annually, which is the highest in terms of absolute numbers. However, in terms of incidence of Tuberculosis per lakh population, India ranks 35th in the world.

The State/UT wise number of TB patients' notification and deaths for the last three years is enclosed at **Annexure IV**.

(c) & (d): Eradication refers to the complete and permanent worldwide reduction to zero new cases of the disease through deliberate efforts. In case of Nipah virus and H1N1 seasonal influenza it cannot be eradicated due to the virus reservoir in bats and birds respectively. However both the disease can be controlled and contained.

Government of India (GOI) has taken the following steps to prevent Chikungunya in the country during 2019:

- GoI provided Technical Guidelines for prevention and control, case management & effective community participation to the States for implementation.
- Conducted trainings for capacity Building of doctors on case management.
- Monitoring and supervision for early case detection and prevention and control.
- Till date, 7 advisories have been issued and 5 reviews held.
- Free diagnostic facilities are provided through 673 Sentinel Surveillance Hospitals (SSHs) and 16 Apex Referral Laboratories (ARLs) identified across the country.
- GOI supplied 631 chikungunya IgM tests kits (1 Kit=96 tests) through NIV, Pune till date.
- Conduct of IEC/BCC activities to disseminate knowledge for prevention and control.

The treatment of Cancer in many of States and Central Government institutions is free for BPL patients and subsidized for others. The Central Government supplements the efforts of the State Governments to prevent and control cancer and to provide affordable and accessible care. Some of the steps taken by Central Government are as follows:

- (i) The objectives of National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) being implemented under National Health Mission (NHM) for interventions upto the district level includes awareness generation for Cancer prevention, screening, early detection and referral to an appropriate level institution for treatment. For Cancer, the focus is on three Cancers namely breast, cervical and oral.
- (ii) To enhance the facilities for tertiary care of cancer, the Central Government is implementing Tertiary Care Cancer Centre Scheme to support setting up of State Cancer Institutes (SCI) and Tertiary Care Cancer Centres (TCCC) in different parts of the country. 35 proposals for setting up of SCIs and TCCCs have been approved.
- (iii) Oncology in its various aspects has focus in case of new AIIMS and many upgraded institutions under Pradhan Mantri Swasthya Suraksha Yojna (PMSSY).
- (iv) Setting up of National Cancer Institute (NCI) at Jhajjar (Haryana) and Second campus of Chittaranjan National Cancer Institute, Kolkata and has been approved.
- (v) The Government is providing financial assistance to patients living below poverty line for life threatening diseases under the schemes such as Rashtriya Arogya Nidhi (RAN), Health Minister's Cancer Patient Fund (HMCPF) and Health Minister's Discretionary Grant (HMDG).
- (vi) Affordable Medicines and Reliable Implants for Treatment (AMRIT) Deendayal outlets have been opened at 158 Institutions/Hospitals with an objective to make available Cancer and Cardiovascular Diseases drugs and implants at discounted prices to the patients. Jan Aushadhi stores are set up by Department of Pharmaceuticals to provide generic drugs at affordable prices.
- (vii) Pradhan Mantri Jan Arogya Yojna (PMJAY) provides for benefit coverage of Rs. 5,00,000/- to over more than 10 crore beneficiary families, giving cashless access to services for the beneficiary at the point of service in empanelled hospitals (both public and private) across India. More than 1350 medical packages have been finalized by an expert committee. The treatment of cancer is also included under PMJAY.

Ministry of Health and Family Welfare has developed the National Strategic Plan (NSP) for Tuberculosis (2017-2025) with the goal of ending TB by 2025. The key focus areas are:

- Early diagnosis of all the TB patients, prompt treatment with quality assured drugs and treatment regimens along with suitable patient support systems to promote adherence.
- Engaging with the patients seeking care in the private sector.
- Prevention strategies including active case finding and contact tracing in high risk / vulnerable population
- Airborne infection control.
- Multi-sectoral response for addressing social determinants.

Annexure I

State/UT- wise Cases and Death due to Seasonal Influenza (H1N1) 2016-18							
S. No.	States/UTs	2016		2017		2018	
		Cases	Deaths	Cases	Deaths	Cases	Deaths
1	Andaman & Nicobar	0	0	2	1	0	0
2	Andhra Pradesh	12	5	476	14	402	17
3	Arunachal Pradesh	0	0	5	1	0	0
4	Assam	0	0	199	5	0	0
5	Bihar	0	0	26	0	1	0
6	Chandigarh	6	0	63	6	4	2
7	Chhattisgarh	6	4	305	64	12	4
8	Dadra & Nagar Haveli	1	0	15	4	4	2
9	Daman & Diu	0	0	6	2	0	0
10	Delhi	193	7	2835	16	205	2
11	Goa	6	0	260	12	55	4
12	Gujarat	411	55	7709	431	2164	97
13	Haryana	68	5	252	9	61	7
14	Himachal Pradesh	14	5	77	15	7	2
15	Jammu & Kashmir	2	0	140	26	77	14
16	Jharkhand	1	1	35	2	4	1
17	Karnataka	110	0	3260	15	1733	72
18	Kerala	23	1	1414	76	879	53
19	Lakshadweep	0	0	0	0	0	0
20	Madhya Pradesh	38	12	802	146	100	34
21	Maharashtra	82	26	6144	778	2593	461
22	Manipur	0	0	8	1	0	0
23	Meghalaya	0	0	0	0	2	1
24	Mizoram	0	0	0	0	0	0
25	Nagaland	0	0	0	0	0	0
26	Odisha	1	0	414	54	33	7
27	Puducherry	1	0	168	9	319	10
28	Punjab	177	64	295	86	47	11
29	Rajasthan	197	43	3619	279	2375	221
30	Sikkim	0	0	0	0	0	0
31	Tamil Nadu	122	2	3315	17	2812	43
32	Telangana*	166	10	2165	21	1007	28
33	Tripura	0	0	44	0	1	0
34	Uttarakhand	20	5	184	22	9	2
35	Uttar Pradesh	122	16	3858	132	65	8
36	West Bengal	7	2	716	26	295	10
Total		1786	263	38811	2270	15266	1113

Annexure II

State/UT- wise Cases due to Chickungunya 2016-18				
Sl. No	Name of the State	2016	2017	2018
1	Andhra Pd.	960	1162	622
2	Arunachal Pd.	239	133	507
3	Assam	40	41	3
4	Bihar	566	1251	156
5	Goa	337	509	455
6	Gujarat	3285	7953	10601
7	Haryana	5394	220	62
8	Jammu & Kashmir	1	0	1
9	Jharkhand	47	269	3405
10	Karnataka	15666	32831	20411
11	Kerala	129	78	77
12	Madhya Pd.	2280	2477	3211
13	Meghalaya	360	236	44
14	Maharashtra	7570	8110	9884
15	Mizoram	0	0	93
16	Manipur	0	0	2
17	Odisha	51	0	0
18	Punjab	4407	3251	736
19	Rajasthan	2506	1612	254
20	Sikkim	30	130	384
21	Tamil Nadu	86	131	284
22	Telangana	611	1277	1954
23	Tripura	311	574	683
24	Uttar Pradesh	2458	103	58
25	Uttrakhand	35	0	29
26	West Bengal	1071	2103	52
27	A&N Island	18	93	205
28	Chandigarh	2857	1810	357
29	Delhi	12279	940	407
30	D&N Haveli	0	0	0
31	Lakshadweep	0	0	0
32	Puducherry	463	475	2876
Total		64057	67769	57813

Annexure III

States/UTs wise Cases and Deaths Due to cancer reported during 2016 – 2018							
SI No	State / U.T.	2016		2017		2018 (Prov.)	
		Cases	Deaths	Cases	Deaths	Cases	Deaths
1	Andhra Pradesh	58072	29244	60475	30458	62978	31725
2	Arunachal Pradesh	1272	649	1292	659	1313	670
3	Assam	31825	16206	32177	16383	32530	16561
4	Bihar	130628	66040	137656	69607	145051	73361
5	Chhattisgarh	31817	16030	33477	16868	35223	17751
6	Goa	1726	870	1801	908	1881	948
7	Gujarat	73551	37182	77097	38983	80820	40873
8	Haryana	30611	15491	32049	16219	33558	16983
9	Himachal Pradesh	8029	4048	8348	4210	8679	4378
10	J & K	15852	7925	16480	8345	17351	8788
11	Jharkhand	40959	20671	43071	21741	45289	22864
12	Karnataka	73511	37052	76867	38747	80381	40523
13	Kerala	42004	21062	44566	22348	47382	23761
14	Madhya Pradesh	89315	45110	93754	47358	98403	49713
15	Maharashtra	132726	67035	138271	69843	144032	72762
16	Manipur	2998	1500	3082	1542	3168	1585
17	Meghalaya	3511	1710	3376	1744	3442	1777
18	Mizoram	1652	841	1687	859	1723	878
19	Nagaland	1300	667	1309	672	1318	676
20	Odisha	49674	25035	51763	26091	53936	27190
21	Punjab	32474	16423	33781	17084	35137	17771
22	Rajasthan	82836	41848	86675	43795	90686	45829
23	Sikkim	479	242	485	245	490	248
24	Tamil Nadu	80999	40796	83554	42091	86180	43422
25	Telangana	41939	21126	43784	22058	45713	23033
26	Tripura	2199	1125	2229	1140	2260	1156
27	Uttarakhand	12381	6245	12995	6556	13640	6883
28	Uttar Pradesh	245231	123985	257353	130134	270053	136579
29	West Bengal	107906	54443	112466	56750	117220	59154
30	A & N Islands	429	217	443	224	458	232
31	Chandigarh	1274	646	1335	678	1398	709
32	D & N Haveli	497	254	542	276	591	301
33	Daman & Diu	440	229	504	263	579	303
34	Delhi	20015	10127	20899	10573	21821	11039
35	Lakshadweep	89	45	96	48	104	53
36	Puducherry	1596	802	1687	848	1783	895
Total		1451417	732921	1517426	766348	1586571	801374

Annexure IV

State/UT- wise Cases and Deaths due to Tuberculosis (TB) 2016-18						
S. No.	States/UTs	2016		2017		2018
		Cases	Deaths	Cases	Deaths	Cases
1	A&N Islands	534	21	292	18	556
2	Andhra Pradesh	74373	4537	83118	2866	91224
3	Arunachal Pradesh	2788	39	3154	55	3419
4	Assam	40851	1588	40174	1393	42867
5	Bihar	97001	1415	96489	1850	104886
6	Chandigarh	3413	68	5930	109	5704
7	Chhattisgarh	39484	1596	41272	1455	43026
8	Dadra Nagar Haveli	552	15	963	16	849
9	Daman & Diu	487	14	457	15	499
10	Delhi	62706	1370	65893	1006	93488
11	Goa	1966	49	1935	40	2493
12	Gujarat	126665	5087	149061	6040	154622
13	Haryana	47545	1543	40751	1547	65642
14	Himachal Pradesh	14961	547	16451	549	16482
15	Jammu & Kashmir	9937	342	10476	191	12881
16	Jharkhand	39515	994	44128	768	48450
17	Karnataka	68462	3958	81187	3914	83069
18	Kerala	47293	961	22754	762	24571
19	Lakshadweep	23	1	46	2	19
20	Madhya Pradesh	129915	3816	134333	3981	160119
21	Maharashtra	195139	6121	192458	5066	209574
22	Manipur	2393	54	2805	54	2923
23	Meghalaya	4586	164	3961	94	4867
24	Mizoram	2205	56	2245	49	2567
25	Nagaland	2821	49	3013	46	4260
26	Odisha	43851	2162	71131	2457	50314
27	Puducherry	1421	63	1604	78	3495
28	Punjab	39836	1799	45313	1566	54504
29	Rajasthan	106756	3877	105953	3029	160085
30	Sikkim	1539	44	1271	25	1438
31	Tamil Nadu	96079	4118	93327	3764	105120
32	Tripura	2374	0	1693	1501	2575
33	Telangana	45003	113	39223	101	52314
34	Uttar Pradesh	297746	8256	311041	7535	420236
35	Uttarakhand	15081	443	16760	458	22330
36	West Bengal	89656	4448	97297	3877	104169
Total		1754957	59728	1827959	56277	2155637

Note: Data for deaths for the year 2018 is not notified so far.