

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

**LOK SABHA
STARRED QUESTION NO. 247
TO BE ANSWERED ON THE 12TH MARCH, 2021
INCREASE IN CANCER CASES**

***247. SHRI VISHNU DAYAL RAM:
SHRI VIJAY KUMAR:**

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

(a) whether the incidence of and mortality from cancer in the country has increased noticeably, if so, the details thereof including the number of cases detected and deaths occurred, State/UT-wise from 2014 till date;

(b) whether the Government has conducted any study/assessment in this regard, if so, the details and outcome thereof;

(c) the details of funds allocated by the Government for prevention of cancer cases during the said period, head-wise and State/UT-wise;

(d) the steps taken/proposed to be taken for regular screening of citizens to ensure early detection and treatment;

(e) whether the total number of hospitals offering complete cancer treatment are adequate vis-a-vis the growing rates of its incidence, if so, the details thereof; and

(f) if not, the steps taken by the Government to increase the number of such hospitals, both private and Government?

**ANSWER
THE MINISTER OF HEALTH AND FAMILY WELFARE
(DR. HARSH VARDHAN)**

(a) to (f) A Statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA
STARRED QUESTION NO.247* FOR 12TH MARCH, 2021**

(a) & (b) As per Indian Council of Medical Research's Cancer Research Data Report "National Cancer Registry Programme Report, 2020", there has been an increase in the incidence of cancer cases and mortality from cancer in the country. The details of estimated incidence of cancer cases and mortality of cancer cases in the country State/UT wise during 2014 to 2020 is at **Annexure I and Annexure II** respectively.

(c) The State/UT wise approvals for National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) under Non Communicable Disease Control Programme(NCD) during period 2015-16 to 2020-21 is given at **Annexure III**

(d) Health is a State subject and the Central Government supplements the efforts of the State Governments to prevent and control cancer. The objectives of National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS), being implemented by Central Government 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. A population level initiative for prevention, control and screening for common Non-Communicable Diseases (NCDs) i.e. diabetes, hypertension and common cancers viz. Oral, breast and cervical cancer, has been rolled out in over 682 districts of the country under NHM, as a part of comprehensive primary healthcare. Under the initiative, persons more than 30 years of age are targeted for their screening for common NCDs. Screening of common NCDs including three common cancers i.e oral, breast and cervical is also an integral part of service delivery under Ayushman Bharat – Health and Wellness Centres.

(e) & (f) To enhance the facilities for tertiary care of cancer, the Central Government is implementing Strengthening of Tertiary Care for Cancer Scheme, under which setting up of 19 State Cancer Institutes (SCIs) and 20 Tertiary Care Cancer Centres (TCCCs) have been approved. The list of such approved SCIs/TCCCs is at **Annexure IV**

In addition, following Cancer Centres under the Department of Atomic Energy, Government of India are operational across the country:

i) **Maharashtra**

(1) Tata Memorial Hospital (TMH), Parel, Mumbai

(2) Advance Centre for Treatment and Research in Cancer (ACTREC), Kharghar, Navi Mumbai

ii) **Andhra Pradesh**

(1) Homi Bhabha Cancer Hospital & Research Centre (HBCH&RC), Visakhapatnam

iii) **Uttar Pradesh**

(1) Homi Bhabha Cancer Hospital (HBCH), Varanasi

(2) Mahamana Pandit Madan Mohan Malviya (MPMMCC), Varanasi

iv) **Punjab**

(1) Homi Bhabha Cancer Hospital (HBCH) Sangrur

v) **Assam**

(1) Dr. Bhubaneswar Borooah Cancer Institute, Guwahati

Further, the Central Govt. hospitals namely AIIMS, New Delhi, PGIMER, Chandigarh, JIPMER, Puducherry, Safdarjung Hospital & VMMC, Dr. RML Hospital and Lady Harding Medical College and Hospital are providing cancer treatment.

Oncology in its various aspects is at the focus in case of new AIIMS and many upgraded institutions under Pradhan Mantri Swasthya Suraksha Yojna (PMSSY). Setting up of National Cancer Institute at Jhajjar (Haryana) and second campus of Chittaranjan National Cancer Institute, Kolkata are also steps in this direction. All these will enhance the capacity for treatment of cancer in the country.

**Table 1: Estimated Incidence of cancer cases in India by different State/UT –
All sites (ICD10: C00-C97) - (2014-2020)* - Both sexes**

State	2014	2015	2016	2017	2018	2019	2020
Jammu & Kashmir	11098	11404	11702	12018	12344	12675	13012
Himachal pradesh	7685	7869	8037	8221	8412	8589	8799
Punjab	33606	34425	35247	36037	36888	37744	38636
Chandigarh	857	887	911	939	966	994	1024
Uttaranchal	9895	10144	10409	10664	10932	11216	11482
Haryana	24702	25447	26162	26904	27665	28453	29219
Delhi	20817	21518	22224	22936	23678	24436	25178
Rajasthan	60581	62243	63920	65632	67380	69156	70987
Uttar pradesh	174451	178717	183066	187536	192019	196652	201319
Bihar	88415	90814	93283	95801	98383	101014	103711
Sikkim	402	403	410	426	437	443	445
Arunachal pradesh	905	933	953	968	991	1015	1035
Nagaland	1540	1585	1608	1640	1684	1719	1768
Manipur	1574	1614	1679	1748	1803	1844	1899
Mizoram	1552	1585	1644	1692	1742	1783	1837
Tripura	2244	2285	2345	2405	2454	2507	2574
Meghalaya	2467	2524	2592	2650	2741	2808	2879
Assam	32555	33388	34230	35130	36029	36948	37880
West bengal	93513	95926	98342	100817	103309	105814	108394
Jharkhand	28739	29562	30402	31275	32150	33045	33961
Orissa	44233	45277	46336	47401	48491	49604	50692
Chattisgarh	23809	24440	25094	25768	26443	27113	27828
Madhya pradesh	66584	68375	70214	72065	73957	75911	77888
Gujarat	59265	60924	62601	64325	66069	67841	69660
Daman	75	80	89	97	107	118	124
Dadra & Nagar Haveli	129	139	153	164	173	186	206
Maharashtra	100275	102831	105407	108023	110696	113374	116121
Telangana	40965	42053	43129	44230	45335	46464	47620
Andhra pradesh	61445	62888	64371	65839	67370	68883	70424
Karnataka	73619	75595	77608	79626	81729	83824	85968
Goa	1404	1437	1472	1510	1543	1591	1618
Lakshadweep	21	24	25	26	27	27	27
Kerala	51258	52220	53169	54157	55145	56148	57155
Tamil nadu	75693	77777	79914	82117	84320	86596	88866
Pondicherry	1239	1287	1348	1407	1469	1523	1577
Andaman & Nicobar Islands	310	319	331	340	351	357	366
Total	1197922	1228939	1260427	1292534	1325232	1358415	1392179

Ref: National Cancer Registry Programme report, 2020

*** Projected cancer cases for India were computed using Age specific incidence Rate of 28 PBCRs of 2012-2016 and the projected population (person-years)**

Table 2: Estimated Mortality of cancer cases in India by different State/UT - All sites (ICD10: C00-C97) - (2014-2020)** - Both sexes

State	2014	2015	2016	2017	2018	2019	2020
Jammu & Kashmir	6130	6306	6464	6645	6824	7003	7189
Himachal pradesh	4239	4347	4434	4534	4642	4744	4856
Punjab	19393	19858	20332	20784	21278	21763	22276
Chandigarh	470	487	501	517	532	548	564
Uttaranchal	5460	5595	5747	5886	6028	6184	6337
Haryana	13633	14043	14436	14837	15255	15684	16109
Delhi	11624	12016	12411	12804	13218	13644	14057
Rajasthan	33382	34304	35224	36159	37123	38100	39111
Uttar pradesh	96651	99001	101406	103876	106350	108911	111491
Bihar	49017	50348	51724	53126	54566	56028	57531
Sikkim	246	246	253	264	270	275	276
Arunachal pradesh	554	575	587	598	612	622	635
Nagaland	882	907	921	939	961	982	1008
Manipur	918	939	974	1013	1047	1070	1105
Mizoram	999	1021	1058	1088	1119	1149	1183
Tripura	1369	1395	1431	1465	1496	1526	1571
Meghalaya	1616	1654	1701	1739	1791	1837	1887
Assam	19616	20121	20631	21170	21715	22261	22824
West bengal	51573	52905	54239	55605	56988	58368	59786
Jharkhand	15830	16285	16751	17233	17710	18215	18716
Orissa	24442	25030	25615	26205	26810	27427	28024
Chattisgarh	13068	13417	13779	14144	14522	14891	15279
Madhya pradesh	36740	37722	38735	39758	40798	41876	42966
Gujarat	32561	33481	34413	35362	36325	37300	38306
Daman	37	40	45	48	55	63	66
Dadra & Nagar Haveli	66	69	79	87	92	102	109
Maharashtra	55087	56491	57901	59341	60814	62291	63797
Telangana	22390	22988	23580	24184	24788	25408	26038
Andhra pradesh	33602	34389	35224	36034	36884	37724	38582
Karnataka	40312	41394	42502	43612	44775	45926	47113
Goa	770	785	807	831	848	877	893
Lakshadweep	10	13	13	13	13	13	13
Kerala	27905	28434	28961	29508	30057	30615	31166
Tamil nadu	41160	42294	43463	44655	45846	47075	48314
Pondicherry	670	701	733	760	794	820	852
Andaman & Nicobar Islands	170	175	180	186	193	195	200
Total	662592	679776	697255	715010	733139	751517	770230

Ref: National Cancer Registry Programme report, 2020

**Projected mortality cases for India were computed by applying Mumbai Mortality/Incidence (MI) ratio to the projected incidence cancer cases.

Annexure III

State/UT wise details of Approvals for National Programme for Prevention & Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) under NCD Flexible Pool during the period 2015-16 to 2020-21

(Rs. In Lakhs)

S. No.	Name of the State/UTs	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
		Approvals					
1	Bihar	1,501.93	1,645.16	532.31	1,028.83	792.39	1,977.74
2	Chattisgarh	1,091.00	1,687.87	427.23	479.01	606.34	433.45
3	Himachal Pradesh	664.95	275.14	429.07	236.28	158.00	45.00
4	Jammu & Kashmir	1,638.55	1,850.08	594.07	460.61	595.67	1,253.80
5	Jharkhand	1,257.96	1,601.60	901.78	465.33	593.78	535.24
6	Madhya Pradesh	2,228.17	1,647.01	178.05	399.06	530.77	937.98
7	Orissa	2,202.15	1,229.59	366.77	2,485.68	661.80	881.79
8	Rajasthan	1,818.16	3,014.62	934.78	604.68	2903.20	1,227.09
9	Uttar Pradesh	3,838.68	5,375.00	3,998.39	5,055.87	7602.17	4,298.27
10	Uttarakhand	509.43	309.10	123.46	64.25	331.74	144.80
11	Arunachal Pradesh	742.00	1,170.18	654.71	521.80	347.51	381.58
12	Assam	2,459.76	2,473.90	1,080.29	1959.54	2067.53	340.50
13	Manipur	-	741.11	609.04	126.02	199.92	293.66
14	Meghalaya	513.00	238.53	90.91	123.32	52.48	46.55
15	Mizoram	649.86	684.74	309.11	62.57	54.48	58.88
16	Nagaland	-	416.17	257.57	219.80	206.04	137.10
17	Sikkim	301.74	180.98	127.48	56.90	72.31	53.06
18	Tripura	312.76	609.08	307.40	360.79	215.13	131.33
19	Andhra Pradesh	1,219.56	1,168.20	589.67	391.78	359.83	1,616.18
20	Goa	433.22	105.89	61.92	84.70	85.33	50.53
21	Gujarat	1,035.60	1,707.13	675.74	440.79	518.38	709.39
22	Haryana	1,462.61	737.79	254.03	387.51	320.86	226.42
23	Karnataka	1,786.33	3,110.22	1,183.39	796.70	1148.79	675.94
24	Kerala	1,236.73	911.22	365.46	552.10	1508.70	1,092.82
25	Maharashtra	2,137.54	2,585.15	902.59	1651.24	3062.36	747.47
26	Punjab	265.06	859.48	185.06	211.40	184.45	169.79
27	Tamil Nadu	1,250.68	2,051.72	758.78	520.86	2006.42	798.77
28	Telangana	771.00	707.03	427.00	1035.84	766.04	490.70
29	West Bengal	2,621.00	1,053.58	334.16	1191.34	892.09	1,399.34
30	Andaman & Nicobar Islands	31.45	66.38	79.52	84.55	52.00	13.89
31	Chandigarh	60.88	60.18	27.19	7.22	2.80	1.30
32	Dadra & Nagar Haveli	69.20	49.41	34.97	9.60	45.32	14.18
33	Daman & Diu	-	-	-	5.60	5.86	

			27.35	12.96			
34	Ladakh	-	-	-	-	-	-
35	Delhi	284.90	136.37	132.40	117.48	145.88	128.10
36	Lakshdweep	32.42	15.53	14.50	13.80	3.48	15.55
37	Puducherry	425.58	222.07	103.99	41.18	24.15	23.72
	Grand Total	36,853.86	40,724.56	18,065.75	22,254.02	29,123.99	21,351.91

- Note:**
1. The above figures are as per FMR reported by State/UTs, hence provisional.
 2. The above data comprises of **Non-Recurring:** Renovation and furnishing, furniture, computers, office equipment (fax, phone, photocopier etc.), District CCU/ICU & Cancer Care, District NCD Clinic, NCD Clinic at CHC . **Recurring grant:** Mobility, Miscellaneous & Contingencies, Information, Education & Communication & Training, Public Private Partnership (NGO, Civil Society, Pvt. Sector), Research & Surveillance, Integration with Ayush, Innovation/Rheumatic Heart Diseases/Rheumatic Fever Intervention.

Statement showing status of approved SCIs & TCCCs

S No	State	Name of the Institute	SCI/ TCCC
1	Andhra Pradesh	Kurnool Medical College, Kurnool	SCI
2	Assam	Gauhati Medical College & Hospital, Guwahati	SCI
3	Bihar	Indira Gandhi Institute of Medical Sciences, Patna	SCI
4	Delhi	Lok Nayak Hospital	TCCC
5	Gujarat	Gujarat Cancer Research Institute, Ahmedabad	SCI
6	Goa	Goa Medical College, Panaji	TCCC
7	Haryana	Civil Hospital, Ambala Cantt	TCCC
8	Himachal Pradesh	Indira Gandhi Medical College, Shimla	TCCC
9	Himachal Pradesh	Shri Lal Bahadur Shastri Medical College, Mandi	TCCC
10	Jammu & Kashmir	Sher-i-Kashmir Institute of Medical Sciences, Srinagar	SCI
11		Government Medical College, Jammu	SCI
12	Jharkhand	Rajendra Institute of Medical Sciences, Ranchi	SCI
13	Karnataka	Kidwai Memorial Institute of Oncology (RCC), Bangaluru	SCI
14		Mandya Institute of Medical Sciences, Mandya	TCCC
15	Kerala	Regional Cancer Centre, Tjiruvananthapuram	SCI
16		Government Medical College, Kozhikode	TCCC
17	Madhya Pradesh	G.R. Medical College, Gwalior	TCCC
18		Netaji Subhas Chandra Bose Medical College, Jabalpur	SCI
19	Maharashtra	Rashtrasant Tukdoji Regional Cancer Hospital & Research Centre, Nagpur	TCCC
20		Government Medical College, Aurangabad	SCI
21		Vivekanand Foundation & Research Centre, Latur	TCCC
22	Mizoram	Mizoram State Cancer Institute, Aizawl	TCCC
23	Nagaland	District Hospital, Kohima	TCCC
24	Odisha	Acharya Harihar Post Graduate Institute of Cancer, Cuttack	SCI
25	Punjab	Government Medical College, Amritsar	SCI
26		Civil Hospital, Fazilka	TCCC
27	Rajasthan	S P Medical College, Bikaner	TCCC
28		SMS Medical College, Jaipur	SCI
29		Jhalawar Medical College & Hospital, Jhalawar	TCCC
30	Sikkim	Multispecialty Hospital at Sohyang (Sichey), near Gangtok, Sikkim	TCCC
31	Tamil Nadu	Cancer Institute (RCC), Adyar, Chennai	SCI
32	Telangana	MNJ Institute of Oncology & RCC, Hyderabad	SCI
33	Tripura	Atal Bihari Vajpayee Regional Cancer Centre, Agartala	SCI
34	Uttar Pradesh	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	TCCC
35	Uttarakhand	Government Medical College, Haldwani	SCI
36	West Bengal	Government Medical College, Burdwan	TCCC
37		Murshidabad Medical College & Hospital, Berhampore, Murshidabad	TCCC
38		Sagore Dutta Memorial Medical College and Hospital, Kolkata	TCCC
39	Chhattisgarh	Chhattisgarh Institute of Medical Sciences, Bilaspur	SCI