

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

**LOK SABHA  
UNSTARRED QUESTION NO. 932  
TO BE ANSWERED ON 07<sup>TH</sup> FEBRUARY, 2020**

**RISE IN CANCER CASES**

**932. MS. MIMI CHAKRABORTY:  
SHRIMATI CHINTA ANURADHA:  
SHRI ABDUL KHALEQUE:  
SHRI COSME FRANCISCO CAITANO SARDINHA:  
SHRI E.T. MOHAMMED BASHEER:  
SHRIMATI NUSRAT JAHAN RUHI:  
SHRI DHARAMBIR SINGH:  
SHRI ARUN SAO:**

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

(a) whether the Government is aware of the rise in various kinds of cancer cases, if so, the details thereof and the number of such cases reported along with the funds provided for prevention of cancer to States/UTs during the last ten years;

(b) whether Government has assessed the factors responsible for its increase including excessive use of chemical manure used in growing of foodgrains as one of the factors, if so, the details thereof and the steps taken by the Government to check such adulteration and spread of cancer;

(c) the number of specialised cancer hospitals both in Government and private sectors run in the country, along with the number of cancer hospitals required keeping in view the increasing number of cancer patients and the action being taken in this regard, State/UT-wise;

(d) whether the Government has implemented/ proposes schemes to facilitate spreading of awareness on cancer, providing cost effective treatment, financial assistance/free treatment in all hospitals including private hospitals and introduce early detection centres in the Primary Health Centres (PHCs) for such patients particularly belonging to the Economically Weaker Section, if so, the details thereof and the eligibility criteria for such persons; and

(e) whether Government has received proposals from States/UTs to setup State Cancer Institute/ Specialised Cancer hospital/cancer treatment hubs on the lines of Tata Memorial Hospital setup in Goa, if so, the details thereof and the action taken thereon, State/ UT-wise including Bilaspur district in Chhattisgarh and Bongaigaon district in Assam?

**ANSWER**

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

(a) and (b): As per National Cancer Registry Programme (NCRP) of Indian Council of Medical Research (ICMR), the estimated number of incidence of cancer cases during 2014-2018 in the country, State/UT wise is at **Annexure-I**.

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Cancer is a multifactorial disease, the risk factor of which interalia, include, ageing population, sedentary life styles, use of tobacco products & alcohol, unhealthy diet and air pollution. Indian Council of Agriculture Research (ICAR) has informed that it has not conducted any study to assess the spread of cancer like diseases from soils of agricultural fields due to excessive use of fertilizers.

(c) to (e): Cancer is being diagnosed and treated at various levels in the Government health care system. While doctors with D. M. (Medical Oncology), M.Ch (Surgical Oncology) and M.D. (Radiation Oncology) treat Cancer patients in higher level tertiary care hospitals, Cancer is also being treated in hospitals by other Doctors such as General Surgeons, Gynecologists, ENT Surgeons etc., depending on the type and site of Cancer.

Health is a State subject. The Central Government, however, supplements the efforts of the State Governments to prevent and control cancer and to provide affordable and accessible care. The Government is implementing National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS), with focus on strengthening infrastructure, human resource development, health promotion & awareness generation, early diagnosis, management and referral to an appropriate level institution for treatment.

To tackle the challenge of Non Communicable Diseases (NCD), including cancer, 616 NCD Clinics at District level and 3,827 NCD Clinics at Community Health Centre level have been set up under NPCDCS. Population level initiative for prevention, control and screening for common NCDs (diabetes, hypertension and common cancers viz. oral, breast and cervical cancer) has also been rolled out under the National Health Mission (NHM) in over 215 districts. 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. Awareness campaigns on common risk factors for NCDs, including cancer, and promotion of healthy lifestyle are also carried out through electronic and social media. Camps for awareness generation and screening for common NCDs are also organized at Pragati Maidan, New Delhi, during the India International Trade Fair. ICMR-National Institute of Cancer Prevention and Research (NICPR), Noida, has launched [www.cancerindia.org](http://www.cancerindia.org) with the theme "India Against Cancer", a portal that provides information on the leading cancers in India with a major focus on awareness, prevention and treatment of these cancers. Several measures have been taken to discourage the use of tobacco products, which is one of the key risk factors of Cancer, besides initiative to promote healthy lifestyles through healthy eating and regular physical activity. Under NHM support is provided to States/UTs to provide free essential medicines and diagnostic services for primary and secondary health care needs.

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 and 20 Tertiary Care Cancer Centres have been approved. The list of such approved SCIs/TCCCs in the country including in the States of Goa, Chhattisgarh and Assam alongwith funds released year-wise is at **Annexure-II**. Further, Oncology is also one of the focus areas in case of new AIIMS and many upgraded institutions under Pradhan Mantri Swasthya Suraksha Yojana (PMSSY). Setting up of National Cancer Institute at Jhajjar in Haryana and strengthening of Chittaranjan National Cancer Institute, Kolkata, are also steps in the same direction.

Cancer is diagnosed and treated at various levels in the health care system. In Government hospitals, treatment is either free or highly subsidized. Treatment of cancers is also available under Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana (PMJAY). Besides this, Affordable Medicines and Reliable Implants for Treatment (AMRIT) Deendayal outlets have been opened at 195 Institutions/Hospitals with an objective to make available Cancer and Cardiovascular Diseases drugs and implants at discounted prices to the patients. Under the umbrella scheme of Rashtriya Arogya Nidhi, financial assistance is provided to families living below threshold poverty line for their treatment, including treatment of cancer, in Government hospitals.

**Annexure-I****Statement referred to in reply to part (c) to (e) of the Lok Sabha Unstarred Question No. 932 due for reply on 07.02.2020.**

Estimated Incidence of cancer cases in India - State/UT - All sites - Both sexes (2014-2018)\*

States	2014	2015	2016	2017	2018
Jammu & Kashmir	14115	14864	15652	16480	17351
Himachal Pradesh	7425	7722	8029	8348	8679
Punjab	30002	31214	32474	33781	35137
Chandigarh	1162	1217	1274	1335	1398
Uttaranchal	11240	11796	12381	12995	13640
Haryana	27933	29240	30611	32049	33558
Delhi	18356	19168	20015	20899	21821
Rajasthan	75642	79160	82836	86675	90686
Uttar Pradesh	222615	233659	245231	257353	270053
Bihar	117603	123949	130628	137656	145051
Sikkim	467	473	479	485	490
Arunachal Pradesh	1231	1252	1272	1292	1313
Nagaland	1288	1294	1300	1309	1318
Manipur	2836	2916	2998	3082	3168
Mizoram	1585	1618	1652	1687	1723
Tripura	2139	2169	2199	2229	2260
Meghalaya	3184	3246	3311	3376	3442
Assam	31124	31474	31825	32177	32530
West Bengal	99339	103532	107906	112466	117220
Jharkhand	37031	38947	40959	43071	45289
Orissa	45736	47666	49674	51763	53936
Chhattisgarh	28738	30239	31817	33477	35223
Madhya Pradesh	81034	85078	89315	93754	98403
Gujarat	66952	70171	73551	77097	80820
Daman & Diu	339	385	440	504	579
Dadra & Nagar Haveli	421	457	497	542	591
Maharashtra	122256	127390	132726	138271	144032
Telangana	38492	40177	41939	43784	45713
Andhra Pradesh	53572	55776	58072	60475	62978
Karnataka	67237	70302	73511	76867	80381
Goa	1587	1655	1726	1801	1881
Lakshadweep	77	82	89	96	104
Kerala	37550	39672	42004	44566	47382
Tamil Nadu	76091	78512	80999	83554	86180
Pondicherry	1428	1510	1596	1687	1783
Andaman & Nicobar Islands	402	415	429	443	458
Total	1328229	1388397	1451417	1517426	1586571

Ref: Three-year Report of the PBCRs: 2012-2014, Bengaluru, 2016

\*Projected cancer cases for India were computed using a projected incidence rates and the population (person-years)

**Statement referred to in reply to part (c) to (e) of the Lok Sabha Unstarred Question No. 932 due for reply on 07.02.2020.****State/UT-wise list of approved State Cancer Institutes (SCI) and Tertiary Care Cancer Centres (TCCCs) alongwith funds released year-wise****(Rs. in Crore)**

S No	State	Name of the Institute	SCI/ TCCC	Approved Cost	Amount Released (Year wise)						Total
					2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	
1	Andhra Pradesh	Kurnool Medical College, Kurnool	SCI	120.00	-	-	-	54.00	-	-	54.00
2	Assam	Gauhati Medical College & Hospital, Guwahati	SCI	119.90	-	-	08.43	30.00	42.5025	-	80.9325
3	Bihar	Indira Gandhi Institute of Medical Sciences, Patna	SCI	120.00	-	33.06	-	-	-	-	33.06
4	Delhi	Lok Nayak Hospital	TCCC	39.82	-	-	25.40	4.47	-	-	29.87
5	Gujarat	Gujarat Cancer Research Institute, Ahmedabad	SCI	120.00	67.50	-	-	-	-	-	67.50
6	Goa	Goa Medical College, Panaji	TCCC	45.00	-	-	-	8.3519	11.8981	-	20.25
7	Haryana	Civil Hospital, Ambala Cantt	TCCC	45.00	-	-	9.2253	2.925	8.0997	-	20.25
8	Himachal Pradesh	Indira Gandhi Medical College, Shimla	TCCC	45.00	-	14.87	-	-	-	-	14.87
9	Himachal Pradesh	Shri Lal Bahadur Shastri Medical College, Mandi	TCCC	45.00	-	-	-	12.1932	17.443	-	29.6362
10	Jammu & Kashmir	Sher-i-Kashmir Institute of Medical Sciences, Srinagar	SCI	120.00	47.25	-	-	-	-	-	47.25
11		Government Medical College, Jammu	SCI	104.00	-	-	-	-	-	70.2028	70.2028
12	Jharkhand	Rajendra Institute of Medical Sciences, Ranchi	SCI	51.00	-	-	-	22.95	-	-	22.95
13	Karnataka	Kidwai Memorial Institute of Oncology (RCC), Bangaluru	SCI	120.00	67.50	-	-	-	-	-	67.50
14		Mandya Institute of Medical Sciences, Mandya	TCCC	45.00	-	17.257	-	-	-	-	17.257
15	Kerala	Regional Cancer Centre, Tjiruvananthapuram	SCI	102.35	-	-	46.957	-	-	-	46.957
16		Government Medical College, Kozhikode	TCCC	44.50	25.03	-	-	-	-	-	25.03
17	Madhya Pradesh	G.R. Medical College, Gwalior	TCCC	42.00	-	-	-	18.90	-	-	18.90
18		Netaji Subhas Chandra Bose Medical College, Jabalpur	SCI	120.00	-	-	-	-	-	31.931	31.931
19	Maharashtra	Rashtasant Tukdoji Regional Cancer Hospital & Research Centre, Nagpur	TCCC	44.991	-	-	15.3196	4.8564	-	-	20.176
20		Government Medical College, Aurangabad	SCI	96.70	-	-	-	43.515	-	-	43.515
21		Vivekanand Foundation & Research	TCCC	45.00	-	-	-	20.25	-	-	20.25

		Centre, Latur									
22	Mizoram	Mizoram State Cancer Institute, Aizawl	TCCC	44.27	-	14.64	-	-	-	-	14.64
23	Nagaland	District Hospital, Kohima	TCCC	43.50	-	-	13.23	-	-	-	13.23
24	Odisha	Acharya Harihar Regional Cancer Centre, Cuttack	SCI	79.62	-	-	35.829	-	-		35.829
25	Punjab	Government Medical College, Amritsar	SCI	114.61	-	-	51.58	-	-	-	51.58
26		Civil Hospital, Fazilka	TCCC	44.71	-	-	20.119	-	-	-	20.119
27	Rajasthan	S P Medical College, Bikaner	TCCC	38.05	-	17.123	-	-	-	-	17.123
28		SMS Medical College, Jaipur	SCI	119.25	-	-	40.6683	4.1394	-	-	44.8077
29		Jhalawar Medical College & Hospital, Jhalawar	TCCC	43.90	-	-	-	19.755	-	-	19.755
30	Sikkim	Multispecialty Hospital at Sochyangang (Sichey), near Gangtok, Sikkim	TCCC	42.99	-	-	-	23.01	6.01	-	29.02
31	Tamil Nadu	Cancer Institute (RCC), Adyar, Chennai	SCI	120.00	67.38	-	-	-	-	-	67.38
32	Telangana	MNJ Institute of Oncology & RCC, Hyderabad	SCI	112.70	-	18.12	-	-	-	-	18.12
33	Tripura	Cancer Hospital (RCC), Agartala	SCI	81.50	55.00	-	-	-	-	-	55.00
34	Uttar Pradesh	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	TCCC	41.50	-	11.43	-	-	-	-	11.43
35	Uttarakhand	Government Medical College, Haldwani	SCI	103.66	-	-	-	-	-	30.027	30.027
36	West Bengal	Government Medical College, Burdwan	TCCC	39.54	22.24	-	-	-	-	-	22.24
37		Murshidabad Medical College & Hospital, Berhampore, Murshidabad	TCCC	32.15	-	-	10.9793	0.005	-	-	10.9843
38		Sagore Dutta Memorial Medical College and Hospital, Kolkata	TCCC	45.00	-	-	-	20.25	-		20.25
39	Chhattisgarh	Chhattisgarh Institute of Medical Sciences, Bilaspur	SCI	115.20	-	-	-	-	-	10.23	10.23
<b>Total</b>				<b>2683.11</b>	<b>351.90</b>	<b>126.50</b>	<b>277.7375</b>	<b>289.5709</b>	<b>85.9533</b>	<b>97.7318</b>	<b>1274.052</b>