

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

**RAJYA SABHA
UNSTARRED QUESTION NO. 2317
TO BE ANSWERED ON 16TH March, 2021**

RISE IN NUMBER OF CANCER PATIENTS

2317 SHRI HARNATH SINGH YADAV:

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

- (a) whether there has been an unprecedented increase in the number of cancer patients across the country during last five years
- (b) if so, the main reasons for this increase and whether any effective plan is being formulated by Government to get cancer diagnosed
- (c) the total number of cancer patients and the number of people died due to cancer out of the said number across the country during the last three years
- (d) whether Government has any action plan to open new cancer hospitals equipped with all treatment facilities in view of rapidly increasing number of cancer patients and
- (e) if so, the details thereof?

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

(a): 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 in the country.

(b): Cancer is a multifactorial disease, the risk factors of which inter alia, include ageing population, sedentary life styles, use of tobacco products, unhealthy diet and air pollution.

Health is a state subject. The Central Government, however, supplements the efforts of the State Governments. National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke(NPCDCS) is being implemented under National Health Mission(NHM) 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, including cancer 638 NCD Clinics at District level and 4464 NCD Clinics at Community Health Centre level have been set up under the NPCDCS.

A population level initiative of prevention, control and screening for common Non Communicable Disease (NCDs) including cancer has also been rolled out under NHM, as a part of comprehensive primary healthcare. Under this initiative, frontline health workers such as Accredited Social Health Activists (ASHA) and Auxiliary Nurse Midwives (ANM), inter alia, are leveraged to carry out screening and generate awareness about the risk factors of NCDs including cancer among the masses. The initiative is under implementation in over 682 districts across the country. Screening for common NCDs including cancer is also an integral part of service delivery under Ayushman Bharat Health and Wellness Centres.

(c): The details of estimated incidence of cancer cases and mortality of cancer cases in the country State/UT wise during 2018 to 2020 is at **Annexure I and Annexure II**

(d) & (e): Health is a State subject and the Central Government supplements the efforts of the State Governments to prevent and control cancer. 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 in the is at **Annexure III**

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 the 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	2018	2019	2020
Jammu & Kashmir	12344	12675	13012
Himachal pradesh	8412	8589	8799
Punjab	36888	37744	38636
Chandigarh	966	994	1024
Uttaranchal	10932	11216	11482
Haryana	27665	28453	29219
Delhi	23678	24436	25178
Rajasthan	67380	69156	70987
Uttar pradesh	192019	196652	201319
Bihar	98383	101014	103711
Sikkim	437	443	445
Arunachal pradesh	991	1015	1035
Nagaland	1684	1719	1768
Manipur	1803	1844	1899
Mizoram	1742	1783	1837
Tripura	2454	2507	2574
Meghalaya	2741	2808	2879
Assam	36029	36948	37880
West bengal	103309	105814	108394
Jharkhand	32150	33045	33961
Orissa	48491	49604	50692
Chattisgarh	26443	27113	27828
Madhya pradesh	73957	75911	77888
Gujarat	66069	67841	69660
Daman	107	118	124
Dadra & Nagar Haveli	173	186	206
Maharashtra	110696	113374	116121
Telangana	45335	46464	47620
Andhra pradesh	67370	68883	70424
Karnataka	81729	83824	85968
Goa	1543	1591	1618
Lakshadweep	27	27	27
Kerala	55145	56148	57155
Tamil nadu	84320	86596	88866
Pondicherry	1469	1523	1577
Andaman & Nicobar Islands	351	357	366
Total	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	2018	2019	2020
Jammu & Kashmir	6824	7003	7189
Himachal pradesh	4642	4744	4856
Punjab	21278	21763	22276
Chandigarh	532	548	564
Uttaranchal	6028	6184	6337
Haryana	15255	15684	16109
Delhi	13218	13644	14057
Rajasthan	37123	38100	39111
Uttar pradesh	106350	108911	111491
Bihar	54566	56028	57531
Sikkim	270	275	276
Arunachal pradesh	612	622	635
Nagaland	961	982	1008
Manipur	1047	1070	1105
Mizoram	1119	1149	1183
Tripura	1496	1526	1571
Meghalaya	1791	1837	1887
Assam	21715	22261	22824
West bengal	56988	58368	59786
Jharkhand	17710	18215	18716
Orissa	26810	27427	28024
Chattisgarh	14522	14891	15279
Madhya pradesh	40798	41876	42966
Gujarat	36325	37300	38306
Daman	55	63	66
Dadra & Nagar Haveli	92	102	109
Maharashtra	60814	62291	63797
Telangana	24788	25408	26038
Andhra pradesh	36884	37724	38582
Karnataka	44775	45926	47113
Goa	848	877	893
Lakshadweep	13	13	13
Kerala	30057	30615	31166
Tamil nadu	45846	47075	48314
Pondicherry	794	820	852
Andaman & Nicobar Islands	193	195	200
Total	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

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 Sohygang (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