

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

**LOK SABHA
UNSTARRED QUESTION NO. 1798
TO BE ANSWERED ON 10th MARCH, 2017**

CANCER CASES

**1798. SHRI RATTAN LAL KATARIA:
SHRI HARI MANJHI:
SHRI SUKHBIR SINGH JAUNAPURIA:
SHRIMATI DARSHANA VIKRAM JARDOSH:
SHRI DUSHYANT CHAUTALA:
SHRI RAVNEET SINGH:
SHRI SIRAJUDDIN AJMAL:
SHRI B.V. NAIK:
ADV. NARENDRA KESHAV SAWAIKAR:**

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

- (a) whether cases of various types of cancer including breast and cervical cancer and related deaths are on the rise in the country;
- (b) if so, the details thereof and the reasons therefor indicating the number of such cases and deaths reported during each of the last three years and the current year, State/UT-wise;
- (c) the schemes/programmes being implemented by the Government for prevention, diagnosis and treatment of cancer in the country;
- (d) whether the Government has launched/proposed any programme to spread awareness about various types of cancer including prostate cancer; and
- (e) if so, the details thereof?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SMT. ANUPRIYA PATEL)**

(a) & (b): Yes, as per National Cancer Registry Program (NCRP) data, there has been an increase in estimated incidence of cancer cases of all sites including breast and cervical cancer and related deaths in the country. The estimated number of cases and related deaths due to cancer, including breast and cervical cancer, reported during the last three years, State/UT wise is at **Annexure I to VI**.

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

(c) to (e): Central Government supplements the efforts of the State Government for improving healthcare including prevention, diagnosis and treatment of Cancer. 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 district level including awareness generation for Cancer prevention, screening, early detection and referral to an appropriate level institution for treatment. The focus is on three types of cancer namely breast, cervical and oral cancer. Operational guidelines for implementing population wise screening of common cancers viz. breast, cervical and oral cancer have been issued to the State Governments. The guidelines include screening for the risk factors of cancer among common Non-Communicable Diseases (NCDs). Such screening will also spread awareness on the risk factors of common NCDs including cancer. Self Breast Examination is also promoted for early detection for breast cancer. Electronic and Print media is utilized for creating awareness on cancer.

The Government of India is implementing “Tertiary Care Cancer Centre” Scheme to assist to establish/set up State Cancer Institutes (SCI) and Tertiary Care Cancer Centres (TCCC) in different parts of the country. Oncology in its various aspects has 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 2nd campus of Chittranjan National Cancer Institute, Kolkata has also been approved. All these will enhance the capacity for prevention and treatment of cancer in the country.

ANNEXURE-I

Estimated Incidence of cancer cases in India by different State/UT - All sites - (2014 to 2016)* - Both sexes

States	2014	2015	2016
Jammu & Kashmir	14115	14864	15652
Himachal Pradesh	7425	7722	8029
Punjab	30002	31214	32474
Chandigarh	1162	1217	1274
Uttaranchal	11240	11796	12381
Haryana	27933	29240	30611
Delhi	18356	19168	20015
Rajasthan	75642	79160	82836
Uttar Pradesh	222615	233659	245231
Bihar	117603	123949	130628
Sikkim	467	473	479
Arunachal Pradesh	1231	1252	1272
Nagaland	1288	1294	1300
Manipur	2836	2916	2998
Mizoram	1585	1618	1652
Tripura	2139	2169	2199
Meghalaya	3184	3246	3311
Assam	31124	31474	31825
West Bengal	99339	103532	107906
Jharkhand	37031	38947	40959
Orissa	45736	47666	49674
Chattisgarh	28738	30239	31817
Madhya Pradesh	81034	85078	89315
Gujarat	66952	70171	73551
Daman & Diu	339	385	440
Dadra & Nagar Haveli	421	457	497
Maharashtra	122256	127390	132726
Telangana	38494	40177	41939
Andhra Pradesh	53570	55776	58072
Karnataka	67237	70302	73511
Goa	1587	1655	1726
Lakshadweep	77	82	89
Kerala	37550	39672	42004
Tamil Nadu	76091	78512	80999
Pondicherry	1428	1510	1596
Andaman & Nicobar Islands	402	415	429
Total	1328229	1388397	1451417

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)

ANNEXURE-II**Estimated Incidence of cancer cases in India by different State / UT - Breast - (2014-2016)*- Females**

States	2014	2015	2016
Jammu & Kashmir	1247	1331	1421
Himachal Pradesh	551	581	613
Punjab	2984	3148	3321
Chandigarh	176	186	196
Uttaranchal	1070	1142	1217
Haryana	2730	2910	3103
Delhi	2866	3020	3181
Rajasthan	6692	7102	7536
Uttar Pradesh	18889	20095	21376
Bihar	8711	9314	9958
Sikkim	29	30	30
Arunachal Pradesh	79	80	82
Nagaland	66	66	67
Manipur	258	265	273
Mizoram	93	95	97
Tripura	125	126	129
Meghalaya	100	102	104
Assam	2345	2376	2406
West Bengal	9712	10291	10902
Jharkhand	3267	3484	3716
Orissa	3756	3975	4205
Chattisgarh	2579	2756	2944
Madhya Pradesh	7374	7840	8334
Gujarat	7079	7527	8001
Daman & Diu	33	38	42
Dadra & Nagar Haveli	44	48	54
Maharashtra	13249	13969	14726
Telangana	4112	4364	4633
Andhra Pradesh	5258	5568	5901
Karnataka	7117	7560	8029
Goa	208	220	233
Lakshadweep	12	13	14
Kerala	4805	5222	5682
Tamil Nadu	8758	9115	9486
Pondicherry	199	213	227
Andaman & Nicobar Islands	39	42	44
Total	126612	134214	142283

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)**

ANNEXURE-III**Estimated Incidence of cancer cases in India by different State / UT - Cervix - (2014-2016)*- Females**

States	2014	2015	2016
Jammu & Kashmir	1023	1042	1060
Himachal Pradesh	595	598	603
Punjab	2126	2142	2157
Chandigarh	64	65	66
Uttaranchal	841	853	866
Haryana	1968	1992	2018
Delhi	1045	1059	1073
Rajasthan	5651	5721	5791
Uttar Pradesh	16636	16894	17156
Bihar	9096	9274	9454
Sikkim	23	23	24
Arunachal Pradesh	67	68	70
Nagaland	87	88	88
Manipur	131	134	138
Mizoram	114	116	119
Tripura	154	156	159
Meghalaya	114	117	119
Assam	1401	1420	1438
West Bengal	7336	7393	7450
Jharkhand	2808	2857	2907
Orissa	3601	3632	3662
Chattisgarh	2226	2264	2303
Madhya Pradesh	6025	6124	6222
Gujarat	4696	4753	4810
Daman & Diu	15	16	17
Dadra & Nagar Haveli	26	28	29
Maharashtra	8600	8670	8741
Telangana	2818	2842	2865
Andhra Pradesh	4077	4101	4129
Karnataka	4915	4967	5020
Goa	107	107	108
Lakshadweep	5	5	5
Kerala	2755	2799	2849
Tamil Nadu	5469	5461	5452
Pondicherry	99	100	103
Andaman & Nicobar Islands	28	28	28
Total	96742	97909	99099

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)

ANNEXURE-IV

Estimated Mortality of cancer cases in India by different State/UT - All sites - (2014 to 2016)* - Both sexes

States	2014	2015	2016
Jammu & Kashmir	7144	7525	7925
Himachal Pradesh	3742	3893	4048
Punjab	15171	15784	16423
Chandigarh	590	618	646
Uttaranchal	5667	5949	6245
Haryana	14135	14797	15491
Delhi	9290	9699	10127
Rajasthan	38202	39985	41848
Uttar Pradesh	112514	118115	123985
Bihar	59431	62651	66040
Sikkim	236	240	242
Arunachal Pradesh	628	638	649
Nagaland	662	665	667
Manipur	1419	1460	1500
Mizoram	808	824	841
Tripura	1094	1109	1125
Meghalaya	1644	1676	1710
Assam	15853	16029	16206
West Bengal	50110	52231	54443
Jharkhand	18683	19653	20671
Orissa	23043	24019	25035
Chattisgarh	14472	15231	16030
Madhya Pradesh	40917	42964	45110
Gujarat	33832	35466	37182
Daman & Diu	176	200	229
Dadra & Nagar Haveli	215	233	254
Maharashtra	61732	64332	67035
Telangana	19385	20235	21126
Andhra Pradesh	26970	28082	29244
Karnataka	33881	35430	37052
Goa	799	834	870
Lakshadweep	39	42	45
Kerala	18827	19892	21062
Tamil Nadu	38310	39537	40796
Pondicherry	717	759	802
Andaman & Nicobar Islands	203	210	217
Total	670541	701007	732921

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

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

ANNEXURE-V**Estimated Mortality of cancer cases in India by different State / UT - Breast - (2014-2016)* - Females**

States	2014	2015	2016
Jammu & Kashmir	532	566	604
Himachal Pradesh	265	279	295
Punjab	1205	1270	1339
Chandigarh	59	62	65
Uttaranchal	448	477	508
Haryana	1107	1177	1251
Delhi	949	1000	1053
Rajasthan	2884	3059	3244
Uttar Pradesh	8282	8810	9371
Bihar	4115	4399	4703
Sikkim	13	14	14
Arunachal Pradesh	38	38	39
Nagaland	30	30	31
Manipur	119	123	127
Mizoram	39	40	41
Tripura	59	59	60
Meghalaya	49	49	50
Assam	1157	1172	1187
West Bengal	4006	4236	4479
Jharkhand	1418	1512	1612
Orissa	1708	1806	1910
Chattisgarh	1121	1197	1277
Madhya Pradesh	3136	3335	3546
Gujarat	2784	2956	3136
Daman & Diu	12	13	15
Dadra & Nagar Haveli	17	18	21
Maharashtra	5172	5452	5746
Telangana	1636	1732	1835
Andhra Pradesh	2191	2315	2446
Karnataka	2839	3011	3192
Goa	76	80	84
Lakshadweep	5	5	5
Kerala	1800	1941	2096
Tamil Nadu	3374	3514	3660
Pondicherry	72	77	82
Andaman & Nicobar Islands	16	17	18
Total	52733	55841	59142

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

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

ANNEXURE-VI

Estimated Mortality of cancer cases in India by different State / UT - Cervix - (2014-2016)*- Females

States	2014	2015	2016
Jammu & Kashmir	708	719	731
Himachal Pradesh	447	450	453
Punjab	1389	1398	1404
Chandigarh	24	25	25
Uttaranchal	572	579	586
Haryana	1293	1303	1315
Delhi	397	402	406
Rajasthan	3948	3990	4034
Uttar Pradesh	11785	11956	12130
Bihar	6774	6903	7033
Sikkim	15	15	16
Arunachal Pradesh	47	47	48
Nagaland	57	58	58
Manipur	86	88	91
Mizoram	64	66	67
Tripura	103	105	107
Meghalaya	80	82	83
Assam	1013	1026	1039
West Bengal	4914	4936	4958
Jharkhand	1974	2005	2038
Orissa	2619	2638	2658
Chattisgarh	1567	1590	1614
Madhya Pradesh	4159	4224	4288
Gujarat	2970	2993	3017
Daman & Diu	7	7	8
Dadra & Nagar Haveli	16	17	17
Maharashtra	5380	5414	5447
Telangana	1809	1816	1823
Andhra Pradesh	2760	2765	2770
Karnataka	3168	3189	3210
Goa	58	57	58
Lakshadweep	2	2	2
Kerala	1609	1607	1606
Tamil Nadu	3354	3347	3340
Pondicherry	53	53	54
Andaman & Nicobar Islands	18	18	18
Total	65239	65890	66552

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

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