

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

**LOK SABHA
UNSTARRED QUESTION NO. 3291
TO BE ANSWERED ON 5TH AUGUST, 2016**

CHRONIC DISEASES

3291. SHRI S. RAJENDRAN:

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

- (a) the number of cancer, heart, kidney patients during the last three years and the current year, State/UT-wise;
- (b) the rate of death of cancer, heart, diabetic, kidney patients per thousand; and
- (c) the steps taken/being taken by the Government to reduce the rate of deaths due to above diseases?

ANSWER

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

(a) & (b): As per disease burden study on Non-Communicable Diseases published by Indian Council of Medical Research (ICMR) in 2004, the estimated cases of Ischemic Heart Disease (IHD) in India was 224 lakh and prevalence of IHD was 37.0 cases per thousand. State/UT-wise data for prevalence and mortality is not maintained centrally.

As per the International Diabetes Federation (IDF), the estimated cases of diabetes in India in the age group of 20-70 years are 65.0 million, 66.8 million and 69.1 million respectively in 2013, 2014 & 2015. State/UT-wise data for prevalence and mortality due to diabetes is not maintained centrally.

Nationwide scientific estimation of number of patients of Chronic Kidney Diseases (CKD) has not been carried out. However, in some of the small population based studies, prevalence was found to be in 0.79 % in North India and 0.16% in South India. State/UT-wise data is not available.

As per Indian Council of Medical Research's National Cancer Registry data, the State/UT-wise estimates for incidence, prevalence and mortality of cancer cases in India for the last three years are at **Annexure 1 to 3**.

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(c): While health is a State subject, the Government of India is implementing National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) for interventions up to District level under the National Health Mission. Under NPCDCS, diagnosis and treatment facilities for these diseases are provided through different levels of healthcare by setting up of NCD Clinics at District Hospitals and Community Health Centres (CHCs). Interventions for Chronic Kidney Diseases have also been included under the NPCDCS.

The Government has rolled out the National Dialysis Program under the National Health Mission (NHM) to provide for dialysis services in District Hospitals under Public Private Partnership (PPP) mode. The Guidelines of National Dialysis Programme including the Request for Proposal from the private providers have been released.

For enhancing the Tertiary Care for Cancer in the country, Government of India is assisting States to set up / establish State Cancer Institute (SCI) and Tertiary Care Cancer Centre (TCCC) in different parts of the country Under Tertiary Care Cancer Centre (TCCC) Scheme.

Territory care for diseases like Cancer, Kidney Diabetes and heart diseases is also focus area of new AIIMS and many upgraded institutions under Pradhan Mantri Swasthya Suraksha Yojana (PMSSY).

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Annexure 1

Estimated Incidence of cancer cases in India by different State/UT - All sites (ICD10: C00-C97) - (2013 to 2015)* - Both sexes

States	2013	2014	2015
Jammu & Kashmir	13404	14115	14864
Himachal pradesh	7140	7425	7722
Punjab	28835	30002	31214
Chandigarh	1110	1162	1217
Uttaranchal	10709	11240	11796
Haryana	26688	27933	29240
Delhi	17578	18356	19168
Rajasthan	72275	75642	79160
Uttar pradesh	212075	222615	233659
Bihar	111572	117603	123949
Sikkim	462	467	473
Arunachal pradesh	1212	1231	1252
Nagaland	1284	1288	1294
Manipur	2759	2836	2916
Mizoram	1552	1585	1618
Tripura	2110	2139	2169
Meghalaya	3121	3184	3246
Assam	30775	31124	31474
West bengal	95316	99339	103532
Jharkhand	35206	37031	38947
Orissa	43882	45736	47666
Chattisgarh	27310	28738	30239
Madhya pradesh	77175	81034	85078
Gujarat	63884	66952	70171
Daman & Diu	299	339	385
Dadra & Nagar Haveli	389	421	457
Maharashtra	117317	122256	127390
Telangana	36885	38494	40177
Andhra pradesh	51462	53570	55776
Karnataka	64306	67237	70302
Goa	1522	1587	1655
Lakshadweep	71	77	82
Kerala	35620	37550	39672
Tamil nadu	73736	76091	78512
Pondicherry	1351	1428	1510
Andaman & Nicobar Islands	389	402	415
Total	1270781	1328229	1388397

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 2**Estimated Prevalence of cancer cases in India by different State/UT - All sites (ICD10: C00-C97) - (2013 to 2015)* - Both sexes**

States	2013	2014	2015
Jammu & Kashmir	36861	38817	40877
Himachal pradesh	19636	20419	21236
Punjab	79297	82506	85839
Chandigarh	3053	3196	3347
Uttaranchal	29450	30910	32439
Haryana	73393	76816	80410
Delhi	48340	50479	52712
Rajasthan	198756	208016	217691
Uttar pradesh	583206	612192	642562
Bihar	306823	323409	340860
Sikkim	1271	1285	1301
Arunachal pradesh	3333	3386	3443
Nagaland	3532	3542	3559
Manipur	7588	7799	8020
Mizoram	4268	4359	4450
Tripura	5803	5883	5965
Meghalaya	8583	8756	8926
Assam	84631	85592	86553
West bengal	262119	273183	284714
Jharkhand	96817	101835	107105
Orissa	120676	125774	131082
Chattisgarh	75103	79030	83158
Madhya pradesh	212231	222844	233964
Gujarat	175681	184118	192971
Daman & Diu	822	933	1059
Dadra & Nagar Haveli	1070	1158	1257
Maharashtra	322622	336204	350322
Telangana	101434	105858	110487
Andhra pradesh	141523	147323	153374
Karnataka	176842	184902	193331
Goa	4186	4365	4551
Lakshadweep	195	212	226
Kerala	97955	103263	109098
Tamil nadu	202774	209251	215909
Pondicherry	3715	3927	4153
Andaman & Nicobar Islands	1070	1106	1142
Total	3494659	3652648	3818093

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

***Prevalence(10 years of duration) is assumed to be 2.75 times of projected Incidence cases. This has been calculated from the estimated pooled survival (1 year, 3 year, 5 year) of the IARC scientific publication NO.162[#]**

[#] Ref: Sankaranarayanan R and Swaminathan R (2011): Cancer survival in Africa, Asia, the Caribbean and Central America, IARC scientific publication NO.162

Annexure 3**Annexure 2: Estimated Mortality of cancer cases in India by different State/UT - All sites (ICD10: C00-C97) - (2013 to 2015)* - Both sexes**

States	2013	2014	2015
Jammu & Kashmir	6782	7144	7525
Himachal pradesh	3598	3742	3893
Punjab	14580	15171	15784
Chandigarh	563	590	618
Uttaranchal	5399	5667	5949
Haryana	13505	14135	14797
Delhi	8897	9290	9699
Rajasthan	36495	38202	39985
Uttar pradesh	107170	112514	118115
Bihar	56372	59431	62651
Sikkim	234	236	240
Arunachal pradesh	619	628	638
Nagaland	659	662	665
Manipur	1381	1419	1460
Mizoram	791	808	824
Tripura	1079	1094	1109
Meghalaya	1612	1644	1676
Assam	15677	15853	16029
West bengal	48075	50110	52231
Jharkhand	17760	18683	19653
Orissa	22105	23043	24019
Chattisgarh	13751	14472	15231
Madhya pradesh	38962	40917	42964
Gujarat	32275	33832	35466
Daman & Diu	154	176	200
Dadra & Nagar Haveli	198	215	233
Maharashtra	59231	61732	64332
Telangana	18573	19385	20235
Andhra pradesh	25904	26970	28082
Karnataka	32401	33881	35430
Goa	767	799	834
Lakshadweep	36	39	42
Kerala	17858	18827	19892
Tamil nadu	37118	38310	39537
Pondicherry	678	717	759
Andaman & Nicobar Islands	196	203	210
Total	641455	670541	701007

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.