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GOVERNMENT OF KARNATAKA

**REPORT
ON
MEDICAL CERTIFICATION OF
CAUSE OF DEATH
2015**



**Office of the Chief Registrar of Births & Deaths
and
Directorate of Economics & Statistics
Bengaluru**

PREFACE

The Report for the year 2015 is the thirty-fifth in the series of the publication presenting statistics on causes of death obtained through the Civil Registration System under the registration of Births and Deaths Act, 1969.

2. Statistical analysis of causes of death forms an important mortality data base, which is the backbone of National Health Policy and Planning. The main aim of this report is to build mortality statistics, which is of vital importance to know the leading causes of deaths, as they are essential for prioritizing Public Health Programmes not only for the country as a whole but also equally important at regional/sub-regional level.

3. This report is based on the data on medically certified deaths received from Teaching, District, Specialised and General hospitals of the Karnataka State. Data on medically certified deaths received from 1692 hospitals of the state has been tabulated in conformity with the ICD-Tenth Revision. The Statistics on causes of death have been presented, cross tabulating them by age and sex. The time series data on medically certified deaths by major cause groups for the previous six years have also been added.

4. I take this opportunity to express my sincere gratitude to the authorities of hospitals for furnishing the data, on the basis of which the Report has become possible. I am thankful to each one of them for their continued co-operation and shall be the strength in the years to come.

5. The report is prepared under the overall supervision of the Chief Registrar of Births and Deaths and efforts of officers and staff of the Civil Registration Division of the Directorate of Economics and Statistics is acknowledged.

Suggestions for improvement of the publication are most welcome.

Bengaluru
Date: 31.12.2016

K.V. SUBRAMANYAM
Director

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EXECUTIVE SUMMARY

Reliable cause specific mortality statistics is required on a regular basis by Administrators, Policy Planners, Researchers and other Professionals for evidence- based decision making with regard to resource allocation, monitoring of indicators, identifying the Priorities for programmes and other related activities in the area of Public Health. Keeping this in view, the Scheme of *Medical Certification of Cause of Death (MCCD)* was introduced in the Country under the provisions of Registration of Births and Deaths (RBD) Act, 1969. Section 10(2) of the Act empowers the State government to enforce the provision relating to Medical Certification of Cause of Death (MCCD) in specified areas taking into consideration the availability of medical facilities. Section 10(3) of the Act provides for issuing a certificate of the cause of death by the medical practitioner who has attended on the deceased at the time of death.

Methodology: The necessary data is collected in the Prescribed forms (Form No.4 for Hospital deaths and Form No.4A for Non-institutional Deaths). Both these forms have been designed by World Health Organisation (WHO) and are supposed to be filled-up by the medical professionals attending to the deceased at the time of terminal illness. Thereafter, these forms are to be sent to the concerned Registrars of Births and Deaths for onward transmission to the Chief Registrar Office for tabulation as per National List based on International Classification of Death (ICD). The State subsequently send it to the Office of the Registrar General, India in the form of Statistical Table-9 for consolidation at the National level.

Scope of the report: The report on Medical Certification of Cause of Death – 2015 is based upon 146414 (Males: 93957 and Females: 52457) medically certified deaths (38 per cent of total registered deaths) supplied by 1692 Hospitals. As mentioned above, owing to different levels of efficiency of medical certification across the State, the number of deaths reported therein may lack the representative feature in the strict sense, however, it may be sufficient to throw some valuable insight into deaths by various cause groups and their gravity.

Overall Findings:

During the year 2015, following are eight leading cause groups of deaths constituting around 86.98 per cent of total deaths:

- I. *Diseases of Circulatory System (31.81 per cent) (29.61 per cent in 2014)*
- II. *Injury, Poisoning and certain other consequences of External causes (11.13 per cent) (11.22 per cent in 2014)*
- III. *Certain Infectious and Parasitic diseases (9.39 per cent) (9.23 per cent in 2014)*

- IV. *Diseases of the Respiratory System (8.53 per cent) (8.36 per cent in 2014).*
- V. *Neoplasm (7.79 per cent) (7.46 per cent in 2014)*
- VI. *Diseases of the Digestive System (6.86 per cent) (6.60 per cent in 2014)*
- VII. *Certain condition originating in the perinatal period (5.91 per cent) (9.97 per cent in 2014)*
- VIII. *Endocrine, Nutritional and Metabolic Diseases (5.55 per cent) (5.36 per cent in 2014)*
- Among the “Diseases of the circulatory system” deaths, “*Ischemic Heart Diseases*” (*IHD*) account for the highest number of deaths (35.64 per cent). Around every 11th medically certified death has been reported to be caused by Ischemic Heart Disease alone.
 - The second leading cause group “*Injury, Poisoning and certain other consequences of External causes*” has a major constituent “*Poisonings by drugs and Biological substances and Toxic effects of substances chiefly non-medicinal as to source*” contributing around 34.53 per cent of the total deaths under this cause group and 3.85 per cent of total medically certified deaths.
 - Under the third leading group “*Certain Infectious and Parasitic Diseases*” accounting for 9.39 per cent of the total medically certified deaths. “*Respiratory Tuberculosis*” accounts for 36.28 per cent of the deaths under the group and 3.41 per cent of total medically certified deaths.
 - The major group “*Diseases of the Respiratory System*” is the fourth leading cause accounting for 8.53 per cent of the total medically certified deaths. “*Other Lower Respiratory Disorders*” accounting for around 32.75 per cent of the total deaths. The other major cause in this group is “*Pneumonia*” Causing 25.14 per cent of death, under total medically certified deaths, “*Pneumonia*” alone accounts for 2.15 per cent.
 - The fifth leading cause group, *Neoplasms (cancer)* is responsible for 7.80 per cent of the total medically certified deaths, of which “*Malignant Neoplasm of digestive organs*” accounts for 29.78 per cent which accounts for more than one-fourth of deaths.
 - The Sixth leading cause group “*Diseases of Digestive System*” accounting for 6.86 per cent of the total medically certified deaths. Among the deaths due to disorders of digestive system “*Diseases of the Liver*” alone accounts for 70.12 per cent of the total deaths in this group.

- The major group “*Certain Conditions Originating in the Perinatal period*” is the seventh leading cause accounting for 5.91 per cent of the total medically certified deaths. “*Hypoxia, Birth Asphyxia and other Respiratory Conditions*” accounts for 41.19 per cent of the deaths under the group and 2.44 percent of total medically certified deaths.
- The group of “*Endocrine, Nutritional and Metabolic Diseases*” is the eighth leading cause group accounting for 5.55 per cent of the total medically certified deaths. Under this cause group, “*Diabetes Mellitus*” group alone accounts for 82.52 per cent of total deaths reported and 4.58 per cent of total medically certified deaths.
- In 2014, total death was 146286 out of this male was 94373. Compared to 2014, in 2015 there is 0.44 percentage decrease in total deaths.

Age-wise: [TABLE-2]

- Every tenth reported medically certified deaths has been of the infants (age less than 1 year).
- About 84.50 per cent of infant deaths have been reported to be caused by ‘*Certain conditions originating in the perinatal period*’.
- Among the children aged 1-4 years “*Congenital Malformations, Deformations & Chromosomal Abnormalities*” have taken the highest toll of 27.13 per cent. In the age group 5-14 years “*Certain Infectious and Parasitic Diseases*” also claimed the topmost position with the share of 23.20 per cent.
- In the age-groups of 15-24 and 25-34 years, major group. “*Injury Poisoning & certain other consequences of External causes*” is the first among the leading causes contributing around 44.46 per cent and 34.32 per cent respectively. It implies that these age-group of youth and adolescent are more vulnerable to injuries and poisoning related deaths.
- In the age-group 35-44 years, the first two leading causes “*Diseases of Circulatory System*” and “*Injury, Poisoning and certain other consequences of External causes*” are having shares of 22.27 and 18.36 per cent respectively.
- For all the age-groups of 45 years and above “*Diseases of Circulatory System*” is the first leading cause of death (41.13 per cent). The percentage contribution of this cause group for 45 years and above, to respective age-group totals have been increasing with age. The percentage share of this cause group to the total medically certified deaths for these ages varies from 29.08 per cent to 44.94 per cent.
- The highest number of deaths (34798 i.e., 23.77 per cent of total) as expected has been reported for the age-group 70 years and above.

Gender-wise:

- The contributions of male and female deaths in the total medically certified cases has been reported to be 64.17 per cent and 35.83 per cent respectively.
- There is no significant difference for females as far as eight leading causes are concerned, except for Diseases of the Digestive System and Injury, Poisoning and Certain other Consequences of External Causes deaths.
- The percentage of female Neoplasm deaths to total female medically certified deaths is 9.29 per cent as compared to the corresponding male figure of 6.97 per cent. On the contrary, the percentage of female digestive system deaths to total female medically certified deaths is just 3.45 per cent as compared to the corresponding male figure of 8.76 per cent.

CHAPTER - I
INTRODUCTION

CHAPTER - I

INTRODUCTION :

The age, sex and cause specific mortality rates are important indicators for evidence based monitoring of health trends in the population. The statistics on causes of death is essential for planners, administrators and medical professionals in undertaking appropriate curative and preventive measures for various health problems. It may also play an important role in furtherance of medical research and may contribute immensely in improving the methods of diagnosis and analysis. Under the system of Registration of Births and Deaths, the scheme of Medical Certification of Cause of Death forms an integral part of the Vital Statistics System which aims at providing a reliable database for generating cause specific mortality statistics on a regular basis.

1.2 Medical Research is currently facing stiff challenges from the spread of a variety of ailments like Cancer, AIDS, Heart Diseases, Juvenile diabetes, non-communicable diseases, Swine flu and Chickungunya etc. For tackling these issues, good documentation of information on the causes of death is indispensable. Recognising this fact and in order to draw the profile of different natural and manmade causes of death, the international community of Medical Professionals, under the aegis of World Health Organisation have codified most of the disease labeling them "*International Classification of Diseases (ICD)*".

1.3 This ICD is customised to the Indian conditions under the scheme of "*Medical Certification of Cause of Death (MCCD)*". Important demographic indicators like Infant Mortality Rate, Maternal Mortality Rate and Child Mortality Rate are derived using the information on MCCD.

1.4 This report is based on the 10th revision of ICD. The statistics presented in this report, give information on cause specific mortality cross classified by sex and age-groups. The prescribed Form No. 4 (Annexure-II) has to be carefully filled by the physician who examines / attends / treats the deceased during the period of his / her last illness. This form, which clearly spells out the various causes of death is the basis of this survey results.

1.5 **Meaning & Scope of Cause of Death:** The term 'cause of death' has been defined as to go back to the root/ underlying cause. It is "the morbid condition to which can be traced the sequences of events ultimately resulting in death". The form prescribed for certification has two parts, Part-I for recording the diseases suffered by the deceased in a specific sequence to facilitate segregation of the underlying cause from the immediate cause and Part-II for other significant morbid conditions, even if they were not responsible for the death.

1.6 The scheme of Medical Certification of Cause of Death has got the statutory backing under sections 10(2) and 10(3), 17(1) (b) and 23(3) of the Registration of Births and Deaths Act, 1969.

The provisions relating to MCCD in Registration of Births & Deaths Act, 1969 are as follows:

Section 10(2) : In any area, the State Government having regard to the facilities available therein in this behalf may require that a certificate as to the cause of death shall be obtained by Registrar from such person and in such form as may be prescribed.

Section 10(3) : Where the State Government has required under sub-section (2) that a certificate as to the cause of death shall be obtained. In the event of the death of any person who, during his last illness, was attended by a medical practitioner, the medical practitioner shall, after the death of that person, forthwith, issue without charging any fee, to the person required under this Act to give information concerning the death, a certificate in the prescribed form stating to the best of his knowledge and belief the cause of death; and the certificate shall be received and delivered by such person to the Registrar at the time of giving information concerning the death as required by this Act.

Section 17(1) (b) : Subject to any rules made in this behalf by the State Government, including rules relating to the payment of fees and postal charges, any person may obtain an extract from registration records relating to any death; provided that no extract relating to any death, issued to any person, shall disclose the particulars regarding the cause of death as entered in the register.

Section 23(3) : Any medical practitioner who neglects or refuses to issue a certificate under sub-section (3) of section 10 and any person who neglects or refuses to deliver such certificates shall be punishable with fine which may extend to fifty rupees.

1.7 The report is presented in 4 chapters and 3 appendices. Chapters II, III and IV deals with '*Scheme of Medical Certification of Cause of Death: Status of implementation*', '*Distribution of Deaths by Cause*' and '*Specific Cause of Mortality in different age group*' respectively. Appendix-I contains detailed Statistical tables for ready reference.

CHAPTER - II

**SCHEME OF MCCD :
STATUS OF IMPLEMENTATION**

CHAPTER - II

Scheme of MCCD : Status of Implementation :

The RBD Act, 1969 provides for compulsory registration of births and deaths in the country. The scheme of MCCD was introduced in the State during the year 1967 with 44 selected hospitals. It was extended to 168 hospitals by 1990. 350 hospitals with bed-strength of 20 or more in towns and cities with a lakh or more population (as per 1981 census) were covered in 1991. This expansion was taken up as per the recommendations of the workshop on “Statistics of Cause of Death” held during 1986 at New Delhi.

2.2 In order to take the MCCD Scheme forward in a systematic manner in the country, the Registrar General, India has been impressing upon all the States / Union Territories to bring all hospitals (Government & Private) and private medical practitioners under its coverage, both in rural as well as urban areas by imposing issue of Notification. In this context, the Government of Karnataka has been issued Notification to bring all Government and Private medical institutions and private medical practitioners under the scheme of Medical Certification of Cause of Death. By 2015, 1692 hospitals have been brought under the scheme. The scheme’s ambit is confined mostly to institutional deaths. Though the sample is representative, sweeping generalisations are not recommended, since a large no. of rural events remain outside the ambit of the survey.

MCCD Status : State Scenario : Flow of Data and Processing :

2.3 The certificates of cause(s) of death certified by the doctors were sent in the prescribed Form (No.4) directly from the institutions covered under the scheme of MCCD on a monthly basis to this Directorate. They were scrutinised & coded as per ICD-10th Revision & Table-9 derived as per the National list prescribed / designed by the Registrar General, India. Data was processed at the Inhouse Computer Centre of the CNL Division of the Directorate.

2.4 As per the reported information, the number of hospitals covered and reporting data on MCCD, District-wise and Sex-wise classification in the State is presented in the **Statement-1**.

Statement - 1

DISTRICTWISE AND SEXWISE DISTRIBUTION OF NUMBER OF MEDICALLY CERTIFIED DEATHS - 2015

Sl. No	District Name	No. of Hospitals	Male	Female	Total
1	Bagalkote	66	2130	1263	3393
2	Bangalore(U)	642	31202	18016	49218
3	Bangalore(R)	15	569	351	920
4	Belgaum	88	5183	2552	7735
5	Bellary	45	2950	1700	4650
6	Bidar	23	915	587	1502
7	Bijapur	45	1508	820	2328
8	Chamarajanagar	13	324	167	491
9	Chikballapur	10	448	206	654
10	Chikmagalur	32	1014	530	1544
11	Chitradurga	25	1274	743	2017
12	D.Kannada	96	7282	3952	11234
13	Davanagere	32	3521	2115	5636
14	Dharwad	76	5634	3210	8844
15	Gadag	32	1573	922	2495
16	Gulbarga	28	1315	806	2121
17	Hassan	26	1788	885	2673
18	Haveri	20	741	369	1110
19	Kodagu	17	432	227	659
20	Kolar	26	2009	1153	3162
21	Koppal	14	243	145	388
22	Mandya	25	2002	1067	3069
23	Mysore	48	8283	4384	12667
24	Raichur	24	1288	852	2140
25	Ramanagara	13	261	110	371
26	Shimoga	58	3042	1597	4639
27	Tumkur	45	1890	999	2889
28	Udupi	54	3193	1720	4913
29	U.Kannada	47	1881	992	2873
30	Yadgir	7	62	17	79
	Total	1692	93957	52457	146414

2.5 During 2015, a total of 146414 medically certified deaths were reported, of which 93957 and 52457 pertained to males and females respectively. Among 4345 hospitals in the State 1692 (38.95%) hospitals were covered under Medical Certification of Cause of Death.

Out of 642 hospitals in Bangalore district, the district had reported 49218 deaths covering 33.61 per cent of total deaths.

The next highest number of hospitals (96) in Dakshina Kannada district covered under Medical Certification of Cause of Death accounted for 11234 deaths (7.67 per cent).

Less than 500 deaths were reported in the districts of Koppal (0.27%), Ramanagar (0.25%) and Yadgir (0.05%).

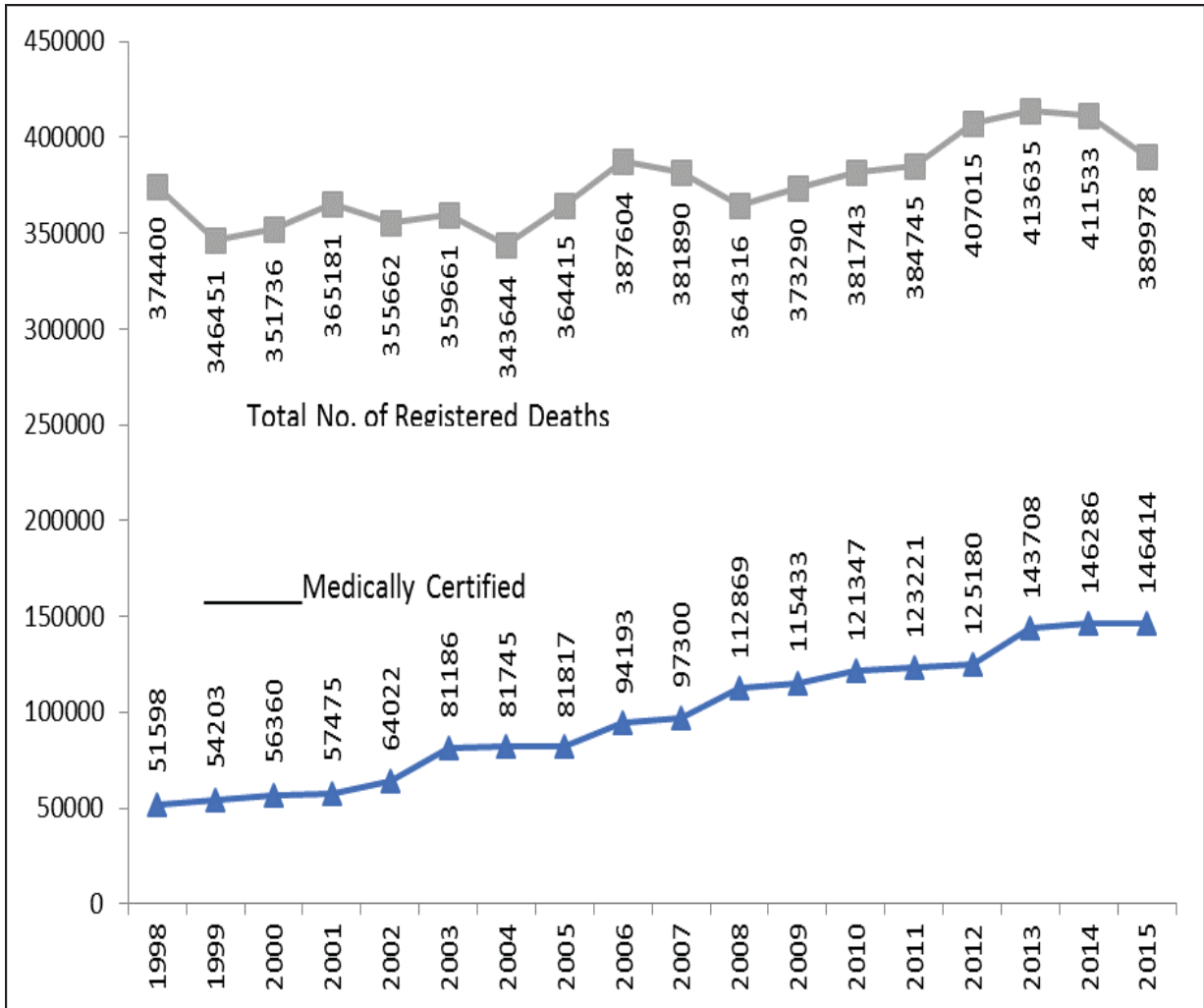
Growth in the Medical Certification of Cause of Death :

2.6 The time series data on MCCD for the year 1998 to 2015 reveals a significant long-term growth in absolute numbers of medically certified cases. The share of medically certified deaths in total registered deaths has been fluctuating over the years. It was 13.78 per cent during the year 1998 and highest with 34.84 per cent during the year 2014. The growth in MCCD during the last 18 years is given in **Statement-2** and is highlighted in the **Chart-1**.

Statement - 2
Growth in the Medical Certification as a part of total Registered Deaths

Year	Total No. of Registered Deaths	Medically Certified Deaths	Percentage of Medically Certified Deaths to Total Registered Deaths
1998	374400	51598	13.78
1999	346451	54203	15.65
2000	351736	56360	16.02
2001	365181	57475	15.74
2002	355662	64022	18.00
2003	359661	81186	22.57
2004	343644	81745	23.79
2005	364415	81817	22.45
2006	387604	94193	24.30
2007	381890	97300	25.48
2008	364316	112869	30.98
2009	373290	115433	30.92
2010	381743	121347	31.79
2011	384745	123221	32.03
2012	407015	125180	30.76
2013	413635	143708	34.74
2014	411533	146286	34.84
2015	389978	146414	37.54

CHART -1
Growth in MCCD in Karnataka 1998-2015



CHAPTER - III

SCHEME OF MCCD : DISTRIBUTION OF DEATHS BY CAUSE

CHAPTER – III

Distribution of Deaths by Causes

3.1 The data on Medical Certification of Cause of Death has been presented as per the National list based on 10th revision of ICD, to facilitate meaningful comparison and drawing valid conclusions thereof. This chapter aims at summarising the findings of data reported on medically certified deaths from 1692 hospitals by age, sex and major cause groups. During 2015, a total of 146414 medically certified deaths were reported, of which 93957 and 52457 pertained to males and females respectively. The age-wise distribution of such deaths by sex is presented in the **Statement-3 & Chart-2**.

Statement – 3

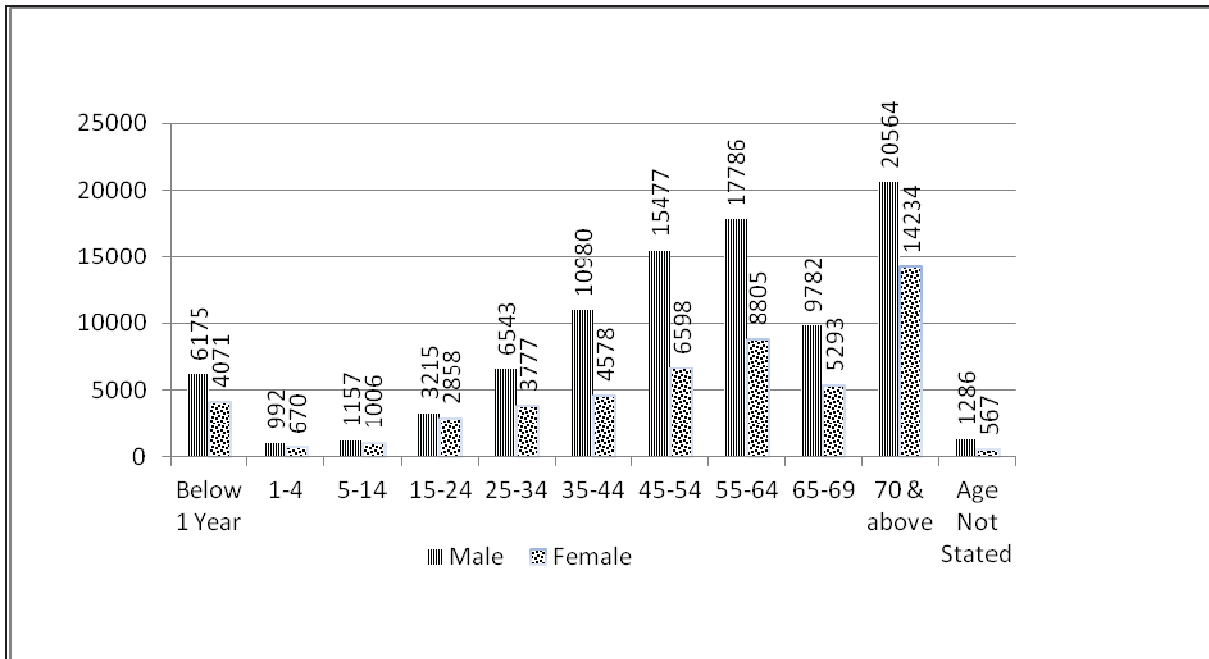
Age and Sex Distribution of Medically Certified Deaths – 2015

Sl. No	Age Group	Male			Female			Total	
		No. of Medically certified Deaths	Percentage to		No. of Medically certified Deaths	Percentage to		No. of Medically certified Deaths	Percentage to total Medically certified deaths
			Total Male deaths Under MCCD	Total Medically certified deaths		Total Female deaths Under MCCD	Total Medically certified deaths		
1	Below 1 Year	6175	6.57	4.22	4071	7.76	2.78	10246	7.00
2	1-4	992	1.06	0.68	670	1.28	0.46	1662	1.14
3	5-14	1157	1.23	0.79	1006	1.92	0.69	2163	1.48
4	15-24	3215	3.42	2.20	2858	5.45	1.95	6073	4.15
5	25-34	6543	6.96	4.47	3777	7.20	2.58	10320	7.05
6	35-44	10980	11.69	7.50	4578	8.73	3.13	15558	10.63
7	45-54	15477	16.47	10.57	6598	12.58	4.51	22075	15.08
8	55-64	17786	18.93	12.15	8805	16.79	6.01	26591	18.16
9	65-69	9782	10.41	6.68	5293	10.09	3.62	15075	10.30
10	70 & above	20564	21.89	14.05	14234	27.13	9.72	34798	23.77
11	Age Not Stated	1286	1.37	0.88	567	1.08	0.39	1853	1.27
	Total	93957	100.00	64.17	52457	100.00	35.83	146414	100.00

Note: Due to rounding off total may not tally with aggregate.

Chart - 2

DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE AND SEX UNDER MCCD – 2015



3.2 Statement-3 indicates the contribution of male and female deaths in the total medically certified cases were reported to be 64.17 per cent and 35.83 per cent respectively. It seems that more males are admitted to hospital during last moments as compared to females. Among the males those who crossed 70 years stood first followed by those in the age group 55-64 and 45-54 years. These three age-groups put together formed 57.29 per cent of deaths. Age group 35-44 years also had a significant place with 11.69 per cent. Infant deaths occupied the 7th place (6.57 per cent). Least vulnerable were those in the age group 1-4 years (1.06 per cent).

Among the females also 70 plus had the largest share, followed by those in the age group 55-64 years. Both put together contributed 43.92 per cent deaths. Infant deaths took 6th position with 7.76 per cent, 21.38 per cent deaths were from the prime age group of 15-44 years. Least vulnerable was again in the age group 1-4 years.

3.3 The eight leading cause groups of deaths viz., *Diseases of the circulatory system (I00-I99)*, *Injury, Poisoning and certain other consequences of external causes (S00-T98)*, *Certain Infectious and Parasitic Diseases (A00-B99)*, *Diseases of the Respiratory System (J00-J98)*, *Neoplasm (C00-D48)*, *Diseases of the Digestive System (K00-K92)*, *Certain conditions originating in the perinatal period (P00-P96)* and *Endocrine, Nutritional and Metabolic Diseases (E00-E89)* had taken together account for about 86.98 per cent of the total medically certified deaths which is detailed in **Statement-4**.

Statement-4

Distribution of Medically Certified Deaths by Sex and Eight Leading Cause-Groups during -2015

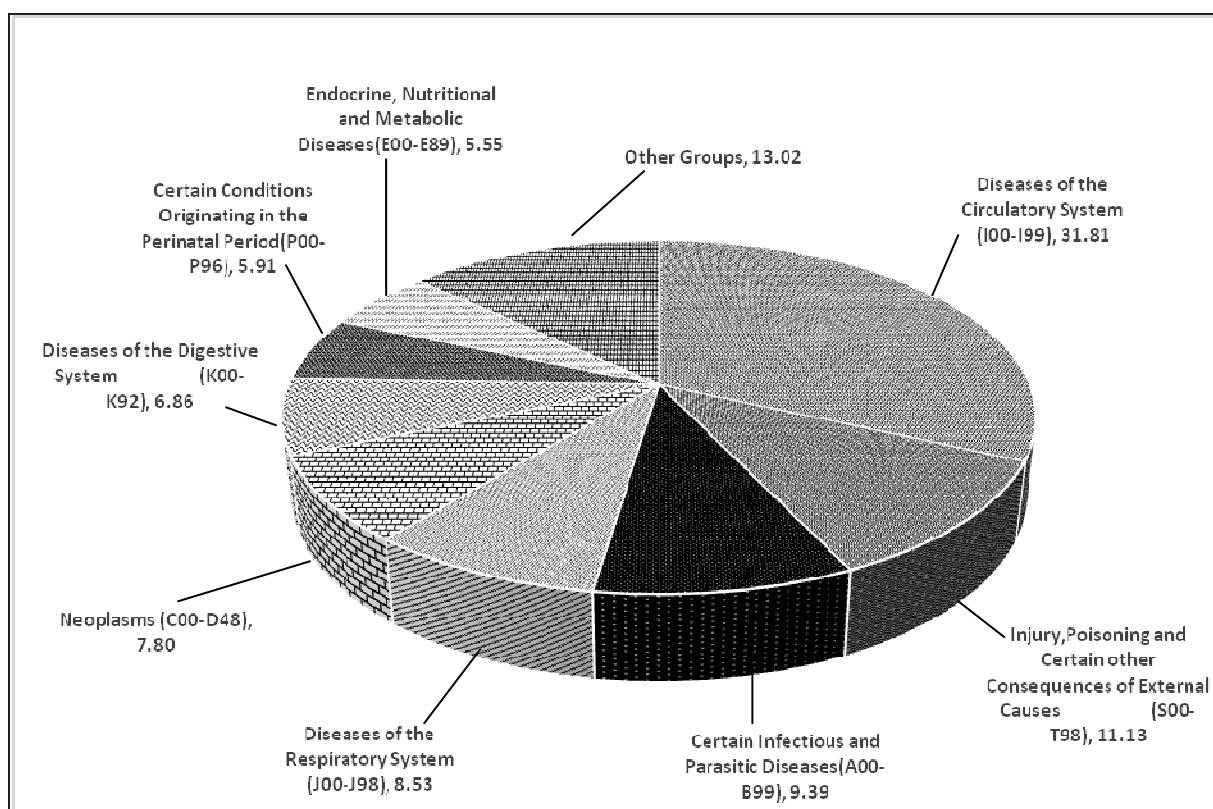
Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System (I00-I99)	29697	31.61	16873	32.17	46570	31.81
2	Injury, Poisoning and Certain other Consequences of External Causes (S00-T98)	11251	11.97	5043	9.61	16294	11.13
3	Certain Infectious and Parasitic Diseases(A00-B99)	9033	9.61	4715	8.99	13748	9.39
4	Diseases of the Respiratory System (J00-J98)	8264	8.80	4232	8.07	12496	8.53
5	Neoplasms (C00-D48)	6546	6.97	4872	9.29	11418	7.80
6	Diseases of the Digestive System (K00-K92)	8235	8.76	1811	3.45	10046	6.86
7	Certain Conditions Originating in the Perinatal Period (P00-P96)	5219	5.55	3439	6.56	8658	5.91
8	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	4619	4.92	3508	6.69	8127	5.55
9	Other Groups	11093	11.81	7964	15.18	19057	13.02
	Total	93957	100.00	52457	100.00	146414	100.00

3.4 Among the leading cause groups, '*Diseases of Circulatory System*' constitute the maximum i.e. **31.81 per cent** of total medically certified deaths, followed by '*Injury, Poisoning and Certain Other Consequences of External Causes*' **11.13 per cent**, '*Certain Infectious and Parasitic Diseases*' constitute **9.39 per cent** and '*Diseases of Respiratory System*' constitute **8.53 per cent**, '*Neoplasms*' constitute **7.80 per cent** of total medically certified deaths, followed by **6.86 per cent** due to '*Diseases of the Digestive System*', '*Certain Conditions Originating in the Perinatal Period*' **5.91 per cent** and '*Endocrine, Nutritional and Metabolic Diseases*' constitute **5.55 percent** of the total Medically Certified deaths. In

respect of eight leading causes of death the gender difference is not significant. However, Sexwise distribution of the

medically certified deaths shows that the percentage of male deaths are on a higher side, in case of Injury, Poisoning and Certain other Consequences of External Causes (S00-T98), Certain Infectious and Parasitic Diseases (A00-B99), Diseases of Respiratory System (J00-J98) and Diseases of Digestive System (K00-K92) compared to corresponding female figures. The percentage distribution of medically certified deaths by leading cause groups is depicted in **Chart-3**.

Chart - 3
PERCENTAGE DISTRIBUTION OF DEATHS UNDER MCCD
BY LEADING CAUSE GROUP – 2015



3.5 The percentage distribution of eight major cause groups of death for the period 1999 to 2015 is presented in the **Statement-5**.

Statement – 5
Percentage Distribution of 8 leading Major Cause Groups of Deaths during
1999- 2015

Year	Leading major cause groups of deaths (As per ICD-10)									
	Diseases of the circulatory system	Injury Poisoning & certain other consequences of external causes	Certain Infectious and Parasitic Diseases	Diseases of the Respiratory System	Neo-plasm	Diseases of the Digestive System	Certain conditions originating in the Perinatal period	Endocrine, Nutritional & Metabolic Diseases	Other Groups	Total
1999	21.60	15.40	17.30	6.70	4.30	6.30	9.30	4.60	14.50	100
2000	26.31	9.21	15.16	6.42	3.85	7.25	10.27	4.68	16.85	100
2001	24.98	15.03	13.12	5.04	4.95	6.15	10.49	5.05	15.19	100
2002	25.32	13.63	12.32	5.22	4.45	6.26	10.39	5.95	16.46	100
2003	25.56	11.62	12.32	5.52	5.36	6.29	10.01	6.39	16.93	100
2004	25.65	11.48	12.24	5.43	6.2	6.45	9.54	6.29	16.72	100
2005	26.98	10.28	12.72	5.97	5.67	6.38	9.68	6.81	15.51	100
2006	27.51	10.19	12.03	6.52	5.86	6.55	7.71	8.07	15.56	100
2007	25.29	11.28	13.02	7.22	5.68	6.33	8.77	6.72	15.69	100
2008	28.78	10.16	11.12	7.56	6.25	5.96	8.32	6.84	15.01	100
2009	28.26	9.75	11.23	7.47	6.77	6.04	8.95	6.88	14.65	100
2010	30.69	8.66	11.45	8.58	6.24	6.48	8.90	6.42	12.59	100
2011	29.97	11.20	10.68	7.90	6.15	6.55	9.33	6.36	11.85	100
2012	30.57	10.81	10.85	8.03	6.48	6.22	9.27	6.57	11.2	100
2013	28.80	11.48	10.10	8.60	6.67	6.64	9.33	5.59	12.79	100
2014	29.61	11.22	9.23	8.36	7.46	6.60	9.97	5.36	12.20	100
2015	31.81	11.13	9.39	8.53	7.80	6.86	9.39	5.55	13.02	100

- Note:** 1. - 'Others' include to remaining major cause group.
2. - Data in above table may not be strictly comparable over the reporting years due to switchover in the use of ICD-9 to ICD-10 in the State in tabulation from 1999 onwards and basic data on MCCD is for the years 1999 to 2015.

The data reveals that, the group of '*Diseases of the Circulatory System*' has not only occupied the position of top-most killer, but its percentage to total medically certified deaths has registered an increasing trend over the year. The increase in the share of deaths under this cause group by 2.2 percentage point in 2015 compared to 2014. The major cause group '*Certain Infectious and Parasitic Diseases*' has shown on an average, a declining trend in its share to total deaths over the years.

3.5.1 The proportion of deaths due to '*Injury, Poisoning and Certain Other Consequences of External Causes*' has exhibited an increasing trend pattern over the years.

3.5.2 The group of '*Diseases of Certain Conditions Originating in Perinatal Period*' which is the prime causes of deaths among infants, has shown more or less a constant trend in percentage term over the years.

3.5.3 The share of medically certified deaths due to ‘*Diseases of Respiratory System*’ has varied in the range of 5.04 to 8.53 per cent during the period of 2001 to 2015, this accounting for around 5 to 8 deaths per hundred reported medically certified deaths.

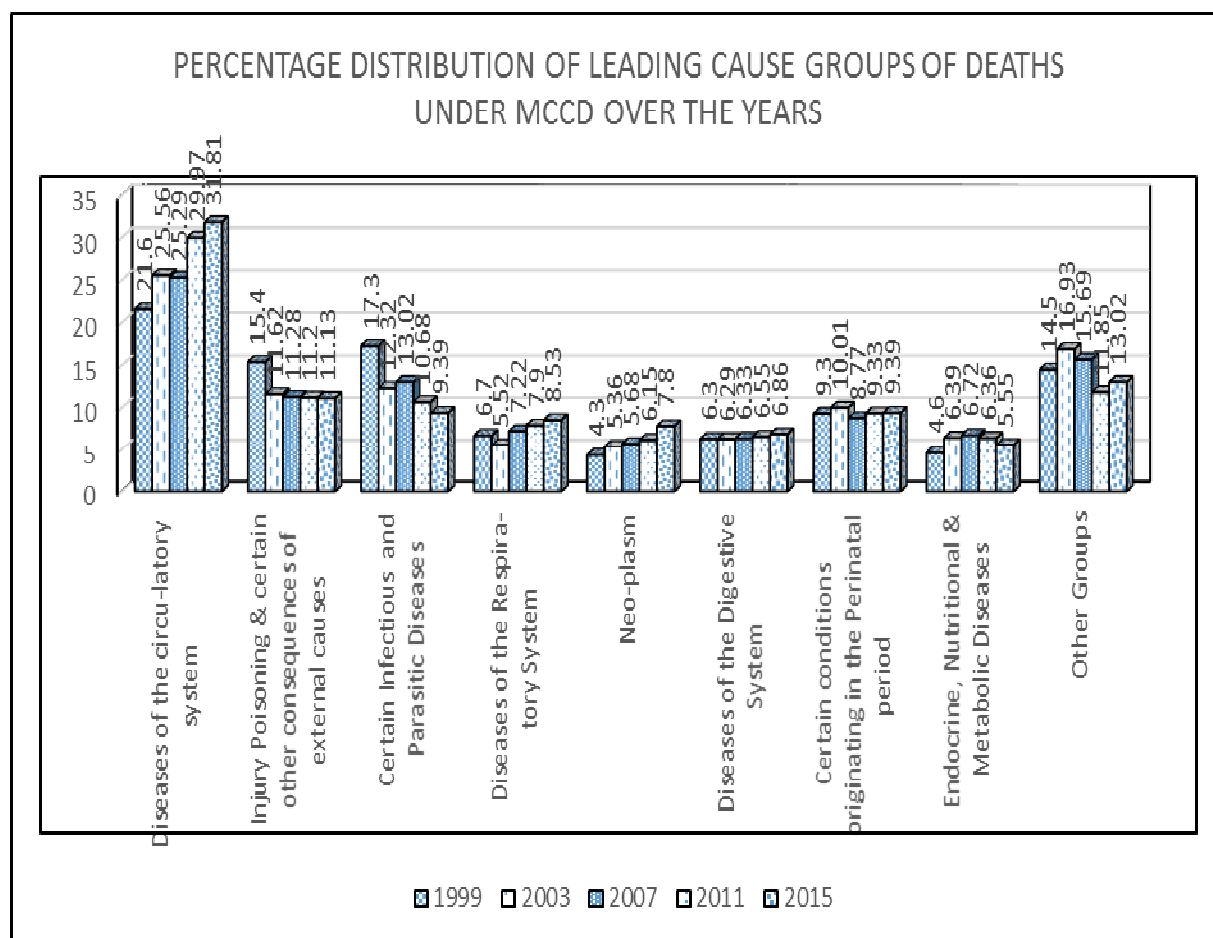
3.5.4 The share of medically certified deaths due to ‘*Endocrine, Nutritional and Metabolic Diseases*’ has shown an increasing trend over the years, but, it is decreased to 5.55 per cent during 2015.

3.5.5 The percentage of deaths due to ‘*Neoplasms*’ has varied from 3.85 per cent to 7.80 per cent over the years. In 2015, the percentage of medically certified deaths due to ‘*Diseases of Digestive System*’ is 6.86 as against 7.25 in 2000. The share of deaths due to this cause has an average of 6 per cent since 1999 except in the year 2000 and 2015 (7.25 per cent).

3.5.6 The groups “*other than*” the eight leading ones viz., *Diseases of the Skin and Subcutaneous Tissue, Pregnancy, Child Birth and the Puerperium, Congenital Malformations, Deformations and Chromosomal Abnormalities etc.*, constitutes less than 17 per cent of the total medically certified deaths since 1999.

3.5.7 The **Chart-4** shows the percentage share of leading cause groups of death in Medical Certification of Cause of Death for the years 1999, 2003, 2007, 2011 and 2015.

Chart –4



Leading Causes of Deaths

3.6 Diseases of the Circulatory System (IX):

It is the topmost ranking major group of disease, constituting 31.81 per cent of total medically certified deaths. It accounts for 31.61 per cent of males and 32.17 per cent of female deaths in their respective totals of medically certified deaths. The distribution of major components under this cause group is presented in **Statement-6** and is depicted in **Chart-5**.

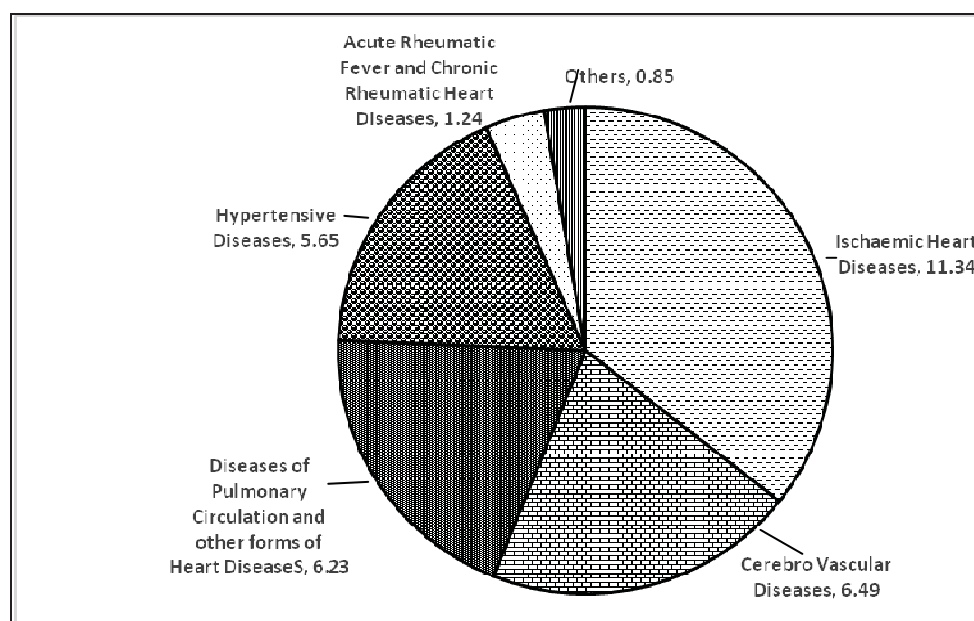
Statement – 6

DISTRIBUTION OF MAJOR CAUSES OF DEATHS AMONG DISEASES OF CIRCULATORY SYSTEM UNDER MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Ischaemic Heart Diseases	10955	36.89	5643	33.44	16598	35.64	11.34
2	Cerebrovascular Diseases	6265	21.10	3244	19.23	9509	20.42	6.49
3	Diseases of Pulmonary Circulation and other forms of Heart Diseases	5731	19.30	3395	20.12	9126	19.60	6.23
4	Hypertensive Diseases	5000	16.84	3266	19.36	8266	17.75	5.65
5	Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases	912	3.07	908	5.38	1820	3.91	1.24
6	Others	834	2.81	417	2.471	1251	2.69	0.85
	Total Medically Certified Deaths due to Diseases of Circulatory System	29697	100	16873	100	46570	100	31.81
	Deaths due to Diseases of Circulatory system as percentage to total medically certified deaths		31.61		32.17		31.81	

Chart – 5

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO DISEASES OF CIRCULATORY SYSTEM – 2015



3.6.1 The Sub-group '**Ischemic Heart Diseases (IHD)**' characterized by reduced blood supply to the heart muscle, usually due to coronary artery disease (arthrosclerosis of the Coronary arteries) accounts for the highest no.of deaths (**35.64 per cent**) under the major group '**Diseases of Circulatory System**'. Furthermore, around every 11th medically certified deaths has been reported to be caused by IHD alone. The sub groups '**Cerebrovascular Diseases**' and '**Diseases of Pulmonary Circulation and Other forms of Heart Diseases** are reported to be the top two and three leading cause of deaths have constituted **20.42 per cent** and **19.60 per cent** total deaths reported under this major group respectively. followed by **Ischemic Heart Diseases and Cerebrovascular Diseases**. It is vis-a-versa in the cause group of **Diseases of Pulmonary Circulation and Other forms of Heart Diseases and Hypertensive Diseases**

3.6.2 The age distribution of medically certified deaths due to '**Diseases of Circulatory System**' has been given in **Statement-7** and highlighted in **Chart-6**. The age distribution under this cause group is in consonance with the general epidemiology of circulatory system which increase with age.

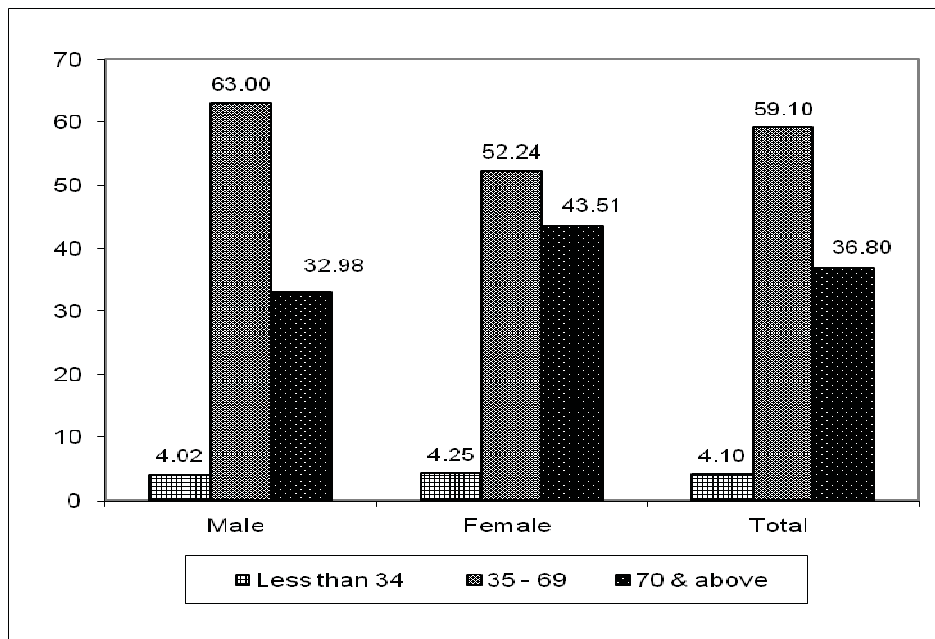
STATEMENT - 7

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF CIRCULATORY SYSTEM UNDER MCCD-2015

Sl. No	Age Group (in years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	2	0.01	8	0.05	10	0.02
2	1-4	14	0.05	7	0.04	21	0.05
3	5-14	60	0.20	72	0.43	132	0.28
4	15-24	147	0.49	112	0.66	259	0.56
5	25-34	970	3.27	518	3.07	1488	3.20
6	35-44	2490	8.38	976	5.78	3466	7.44
7	45-54	5004	16.85	2037	12.07	7041	15.12
8	55-64	7022	23.65	3517	20.84	10539	22.63
9	65-69	4194	14.12	2284	13.54	6478	13.91
10	70 & above	9338	31.44	7129	42.25	16467	35.36
11	Age Not Stated	456	1.54	213	1.26	669	1.44
	Total	29697	100.00	16873	100.00	46570	100.00

Chart - 6

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF CIRCULATORY SYSTEM" UNDER MCCD - 2015



3.7 Injury Poisoning and Certain Other Consequences of External Causes (XIX):

It is the second leading cause group responsible for 11.13 per cent of total medically certified deaths. This has caused 11.97 per cent of male and 9.61 per cent of female deaths. Under this cause group by '*Other Injuries of specified and unspecified and multiple body regions*' with 4589 male and 1037 female deaths (34.53 per cent), this is followed by '*Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medicinal as to source*' alone have contributed to 27.88 per cent of the total deaths and '*Burns and Corrosions*' (18.98 per cent). Death due to Burns and corrosions among females is 38.53 per cent as compared to 10.21 per cent among males, under this major group. The distribution of chief constituents of the major cause group is given in the **Statement-8** and is depicted in **Chart-7**

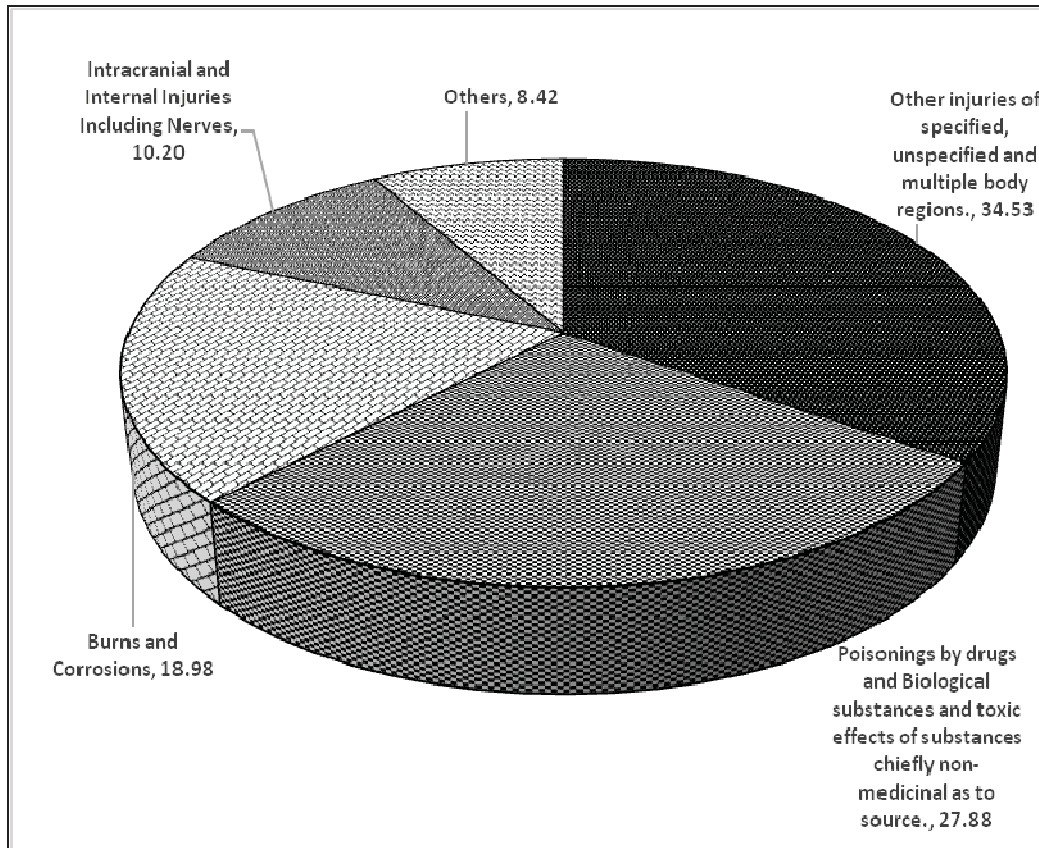
Statement-8

Distribution of Deaths due to Injury, Poisoning and Certain other consequences of External causes Under MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other injuries of specified, unspecified and multiple body regions.	4589	40.79	1037	20.56	5626	34.53	3.84
2	Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medicinal as to source.	3104	27.59	1438	28.51	4542	27.88	3.10
3	Burns and Corrosions	1149	10.21	1943	38.53	3092	18.98	2.11
4	Intracranial and Internal Injuries Including Nerves	1372	12.19	290	5.75	1662	10.20	1.14
5	Others	1037	9.22	335	6.64	1372	8.42	0.94
	Total Medically Certified Deaths due to Diseases of Injury, Poisoning and Certain Other Consequences of External causes.	11251	100	5043	100	16294	100	11.13
	Deaths due to Injury, Poisoning and Certain other consequences of External causes as percentage to total medically certified deaths		11.97		9.61		11.13	

Chart 7

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING & CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD – 2015



3.7.1 As revealed from the **Statement-9** the highest share of deaths (21.74 per cent) is reported for the age group 25-34 years. This is followed by age groups 35-44 years (17.53 per cent) and 15-24 years (16.57 per cent). These three age-groups together accounts for about 55.84 per cent of deaths, implying that the working age groups is much more prone to deaths due to this major group. Age-groupwise distribution of deaths due to *'Injury, Poisoning and Certain Other Consequences of External Cause'* is presented in **Chart-8**.

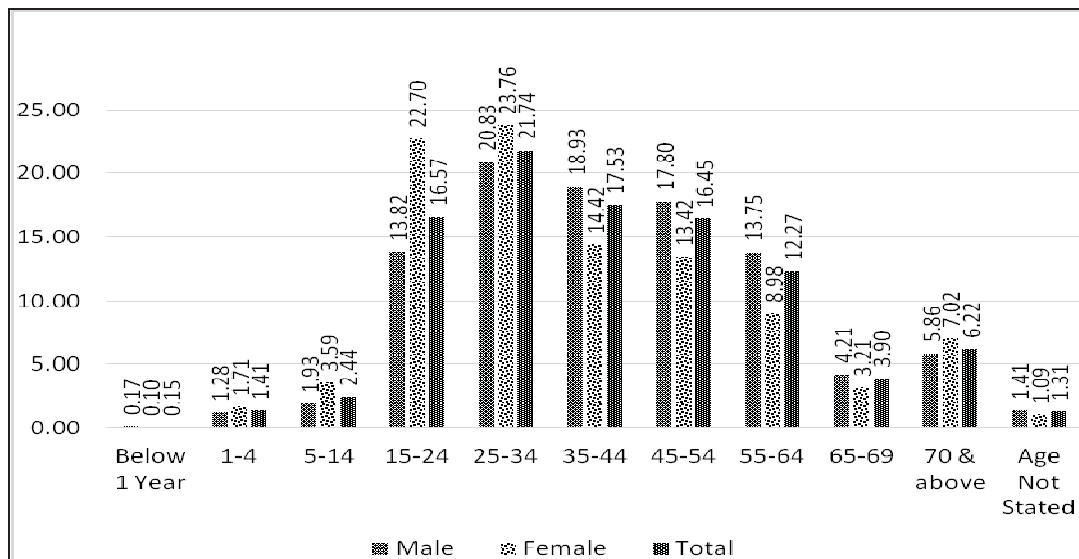
Statement-9

Age Distribution of Deaths due to Injury, Poisoning and Certain other Consequences of External causes Under MCCD-2015

Sl. No	Age Group (in Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	19	0.17	5	0.10	24	0.15
2	1-4	144	1.28	86	1.71	230	1.41
3	5-14	217	1.93	181	3.59	398	2.44
4	15-24	1555	13.82	1145	22.70	2700	16.57
5	25-34	2344	20.83	1198	23.76	3542	21.74
6	35-44	2130	18.93	727	14.42	2857	17.53
7	45-54	2003	17.80	677	13.42	2680	16.45
8	55-64	1547	13.75	453	8.98	2000	12.27
9	65-69	474	4.21	162	3.21	636	3.90
10	70 & above	659	5.86	354	7.02	1013	6.22
11	Age Not Stated	159	1.41	55	1.09	214	1.31
	Total	11251	100.00	5043	100.00	16294	100.00

Chart – 8

AGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD-2015



3.7.2 Further analysis of deaths due to *'Injury, Poisonings and Certain Other Consequences of External Causes'*, reveals that the absolute number of reported deaths caused by *'Burns and Corrosion'* in case of females is more than one and a half (1½) times to that of males (1149 males and 1943 females). As detailed in the

Statement-10, the highest number of deaths due to *‘Burns and Corrosion’* is concentrated in the age group 15-44 years, constituting around 69.04 per cent of deaths under this sub-group. The shares of this age group in the deaths due to *‘Other Injuries of specified, unspecified and multiple Body Regions’* and *‘Poisonings by drugs & Biological Substances and Toxic effects of substances chiefly non-medicinal as to source’* are around 48 per cent and 58 per cent respectively.

Statement-10

AGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING, BURNS CORROSIONS AND OTHER INJURIES UNDER MCCD-2015

Sl. No	Age Group (In Years)	Age Distribution of Deaths Due to		
		Other injuries of specified, unspecified and multiple body regions	Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medical as to source	Burns and Corrosions
1	Below 1 year	0.28	0.07	0.06
2	1-4	1.51	0.55	2.65
3	5-14	2.79	1.805	3.49
4	15-24	12.6	18.65	21.96
5	25-34	18.72	20.83	29.81
6	35-44	16.92	18.67	17.27
7	45-54	18.00	17.99	10.96
8	55-64	14.91	11.43	7.05
9	65-69	5.28	2.99	1.62
10	70 & above	7.75	5.48	4.2
11	Age Not Stated	1.23	1.54	0.9
	Total	100.0	100.00	100.0

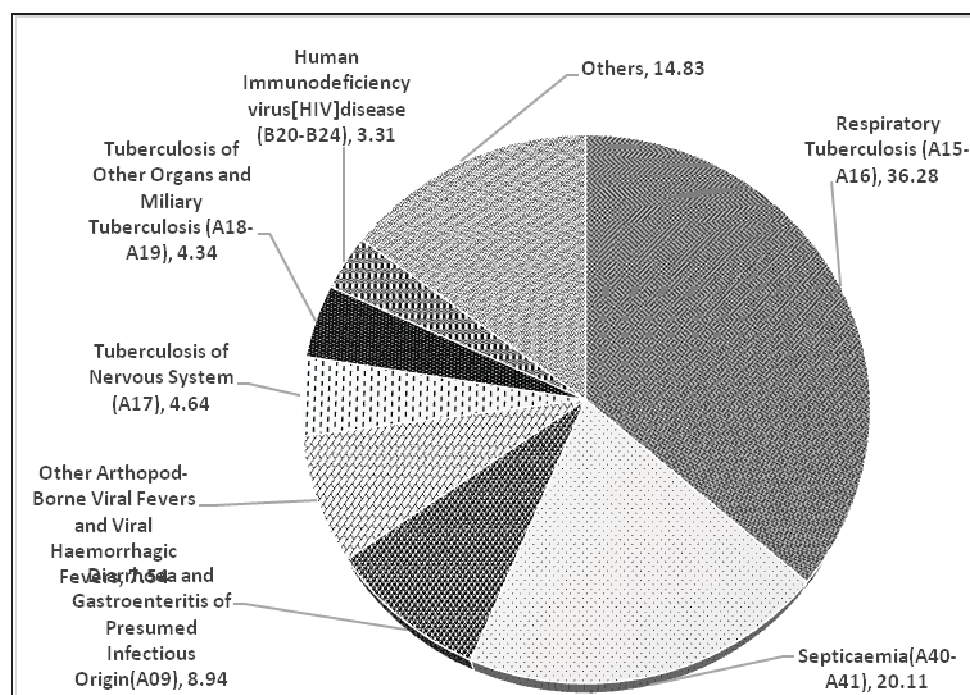
3.8 Certain Infectious and Parasitic Diseases (I):

It is the Fourth leading cause group of disease accounting for 9.23 per cent of total medically certified deaths, which constitute 9.52 per cent of male and 8.70 per cent of female medically certified deaths of their respective totals. The distribution of major components under this cause group is shown in the **Statement-11** and is depicted in **Chart - 9**.

Statement -11
Distribution of Major Causes of Deaths among Certain Infectious and Parasitic Diseases Under MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Respiratory Tuberculosis (A15-A16)	3780	41.85	1208	25.62	4988	36.28	3.41
2	Septicaemia(A40-A41)	1616	17.89	1149	24.37	2765	20.11	1.89
3	Diarrhoea and Gastroenteritis of Presumed Infectious Origin(A09)	698	7.73	531	11.26	1229	8.94	0.84
4	Other Arthropod-Borne Viral Fevers and Viral Haemorrhagic Fevers	555	6.14	482	10.22	1037	7.54	0.71
5	Tuberculosis of Nervous System (A17)	419	4.64	219	4.64	638	4.64	0.44
6	Tuberculosis of Other Organs and Miliary Tuberculosis (A18-A19)	379	4.20	218	4.62	597	4.34	0.41
7	Human Immunodeficiency virus[HIV]disease (B20-B24)	311	3.44	144	3.05	455	3.31	0.31
8	Others	1275	14.11	764	16.20	2039	14.83	1.39
	Total Medically Certified Deaths due to Certain Infectious and Parasitic Diseases	9033	100	4715	100	13748	100	9.39
	Deaths due to Infectious and Parasitic Disease as percentage to total medically certified deaths		9.61		8.99		9.39	

Chart – 9



3.8.1 Among the *Certain Infectious and Parasitic Diseases*, '*Respiratory Tuberculosis*' is the highest reported medically certified cause of mortality, constituting around **36.28 per cent** followed by '*Septicemia*' (**20.11 per cent**). Under this major group, percentage of *Tuberculosis* deaths in females is **25.62** per cent as against **41.85** per cent of males out of their respective totals. The share of '*Diarrhoea & Gastroenteritis of presumed Infectious Origin*', '*Other Arthropod Borne Fevers and Viral Haemorrhagic fevers*' and '*HIV disease*' in the total deaths under this group are **8.94, 7.54 and 3.31** per cent respectively.

3.8.2 The age distribution of medically certified deaths due to '*Certain Infectious and Parasitic Diseases*' has been given in below **Statement-12** and is presented in **Chart-10**

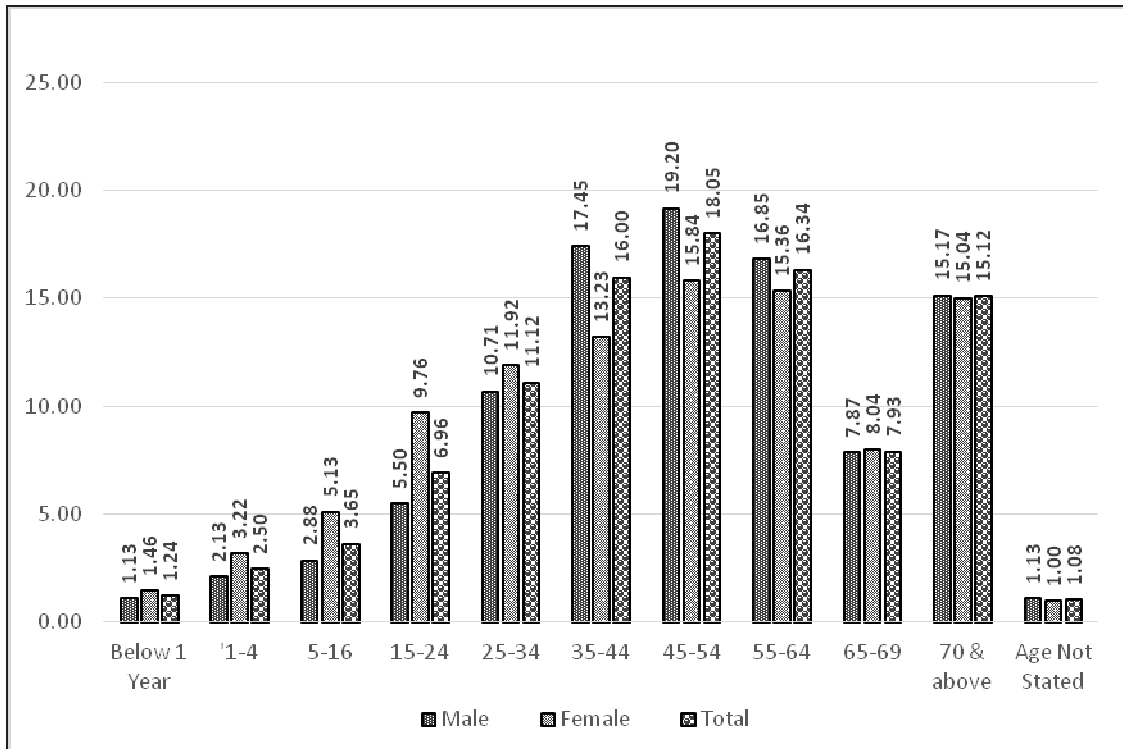
Statement-12

Age Distribution of Deaths due to Certain Infectious and Parasitic Diseases Under MCCD-2015

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	102	1.13	69	1.46	171	1.24
2	1-4	192	2.13	152	3.22	344	2.50
3	5-16	260	2.88	242	5.13	502	3.65
4	15-24	497	5.50	460	9.76	957	6.96
5	25-34	967	10.71	562	11.92	1529	11.12
6	35-44	1576	17.45	624	13.23	2200	16.00
7	45-54	1734	19.20	747	15.84	2481	18.05
8	55-64	1522	16.85	724	15.36	2246	16.34
9	65-69	711	7.87	379	8.04	1090	7.93
10	70 & above	1370	15.17	709	15.04	2079	15.12
11	Age Not Stated	102	1.13	47	1.00	149	1.08
	Total	9033	100.00	4715	100.00	13748	100.00

Chart -10

AGE DISRIBUTION OF DEATHS DUE TO “CERTAIN INFECTIOUS & PARASITIC DISEASES” UNDER MCCD – 2015



As shown in the **Statement-12**, the highest incidence of deaths (18.05 per cent) is reported for the age group 45-54 years, closely followed by age groups 55-64 years (34 per cent) and 35-44 years (16.00 per cent). The age-group 25-64 years has contributed to around 61.51 per cent of total deaths under the cause **group ‘Certain Infectious and Parasitic Diseases’**.

3.9 Diseases of the Respiratory System (X):

The major group of Diseases of Respiratory System is the fourth leading cause, responsible for 8.53 per cent of the total medically certified deaths. This has contributed to 5.64 per cent of male and 2.89 per cent of female deaths. The distribution of chief constituents of the major cause group is given **Statement-13** and is presented in **Chart-11**.

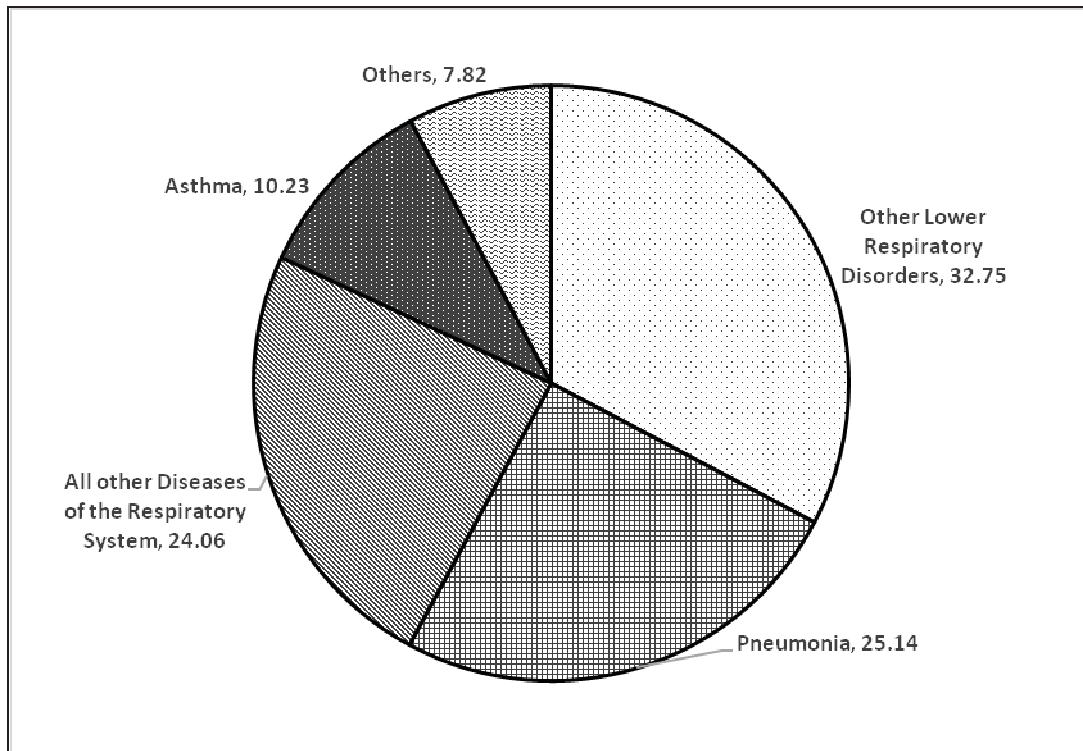
Statement – 13

Distribution of Deaths due to Diseases of Respiratory system Under MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Lower Respiratory Disorders	3019	36.53	1074	25.38	4093	32.75	2.80
2	Pneumonia	1880	22.75	1261	29.80	3141	25.14	2.15
3	All other Diseases of the Respiratory System	1971	23.85	1036	24.48	3007	24.06	2.05
4	Asthma	769	9.31	509	12.03	1278	10.23	0.87
5	Others	625	7.56	352	8.32	977	7.82	0.67
	Total Medically Certified Deaths due to Diseases of Respiratory System	8264	100.00	4232	100.00	12496	100.00	8.53
	Deaths due to Diseases of Respiratory system as percentage to total medically certified deaths		8.80		8.07		8.53	

Chart – 11

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD – 2015

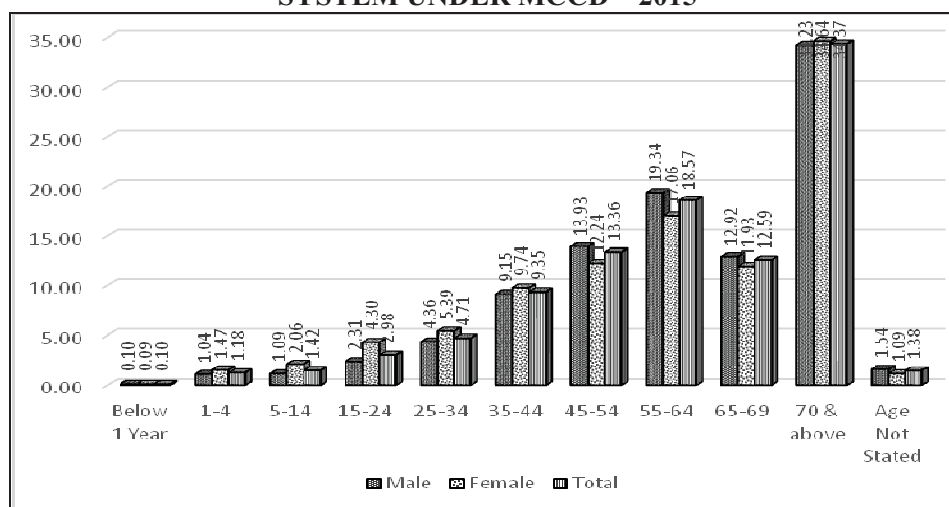


3.9.1 ‘Other lower Respiratory disorders’, is the leading cause of death, has caused 30 out of every hundred reported deaths under the major cause group (32.75 per cent). It is followed by **‘Pneumonia’** an inflammatory illness of the lung and also one of the leading cause of death among the elderly and Children of age group 1-14 years has caused 25.14 per cent of the deaths. **‘All other Diseases of the Respiratory System’** has caused 24 out of every hundred reported deaths (24.06 per cent). The percentage share of Pneumonia to the total medically certified deaths is 2 percent with the corresponding share of Asthma being 0.87 per cent. The age composition of deaths due to ‘Diseases of Respiratory System’ is presented in **Statement-14** and is highlighted in **Chart-12**.

Statement – 14
Age Distribution of Deaths due to Diseases of Respiratory system
Under MCCD-2015

Sl. No	Age Group (In years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	8	0.10	4	0.09	12	0.10
2	1-4	86	1.04	62	1.47	148	1.18
3	5-14	90	1.09	87	2.06	177	1.42
4	15-24	191	2.31	182	4.30	373	2.98
5	25-34	360	4.36	228	5.39	588	4.71
6	35-44	756	9.15	412	9.74	1168	9.35
7	45-54	1151	13.93	518	12.24	1669	13.36
8	55-64	1598	19.34	722	17.06	2320	18.57
9	65-69	1068	12.92	505	11.93	1573	12.59
10	70 & above	2829	34.23	1466	34.64	4295	34.37
11	Age Not Stated	127	1.54	46	1.09	173	1.38
	Total	8264	100.00	4232	100.00	12496	100.00

Chart – 12
AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD – 2015



3.9.2 The age group '70 and above years' has reported maximum incidence of deaths (34.37 per cent) under the major cause group followed by the age group '55-64 years' with 18.57 per cent of deaths due to 'Diseases of Respiratory system'. The children of age group 0-4 have contributed to only 1.28 per cent of total deaths, under this major cause group. The major chunk of deaths under this cause group is concentrated in the age group '45 year and above', constituting around 78.89 per cent of deaths. The percentages of female deaths aged 34 years and below to total female deaths under this cause group are on a higher side as compared to corresponding figures for males (i.e. 13.3 per cent for females compared to 8.89 per cent of males).

3.10. Neoplasms (II) : The Fifth leading cause, *Neoplasm*, which is commonly known as Cancer, is responsible for 7.80 per cent of the total medically certified deaths. The share of deaths due to *Neoplasms* in total female deaths is 9.29 per cent as compared to the corresponding figure of 6.97 per cent in case of males. Among total female medically certified deaths, it is the third leading cause of death. The distribution of major causes of deaths under the group is given in the **Statement-15** and depicted in **Chart-13**.

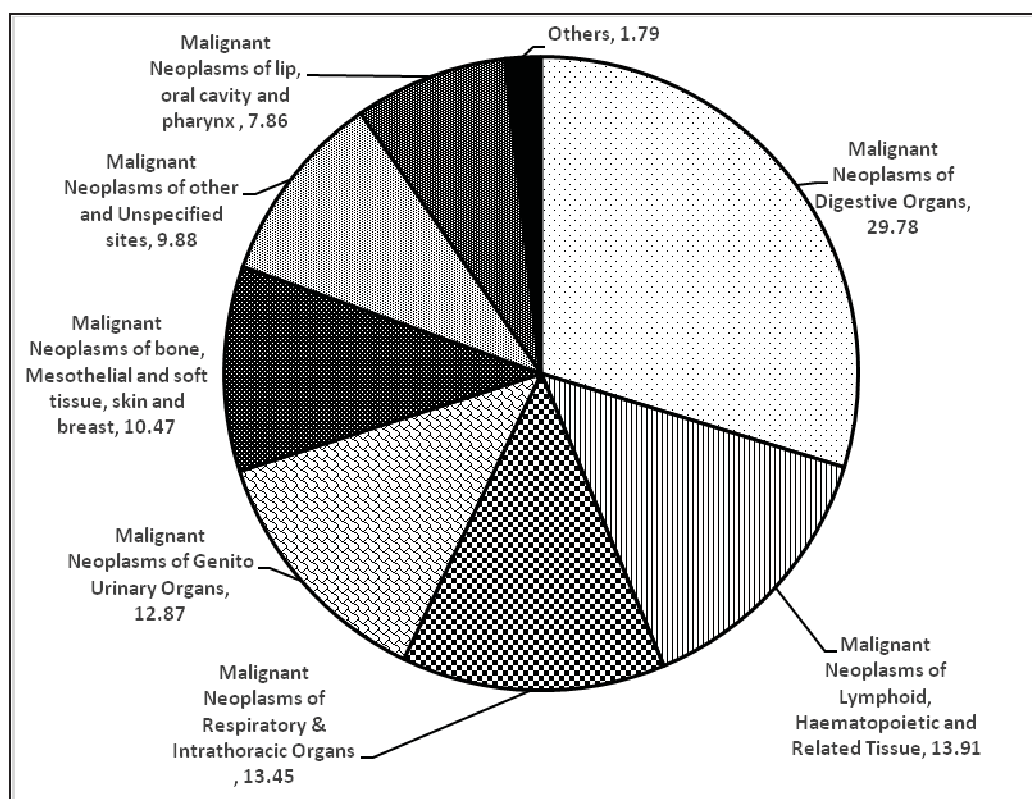
Statement- 15

Distribution of Major Causes of Deaths Due to Neoplasms under MCCD–2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Malignant Neoplasms of Digestive Organs	2315	35.37	1085	22.27	3400	29.78	2.32
2	Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue	984	15.03	604	12.40	1588	13.91	1.08
3	Malignant Neoplasms of Respiratory & Intrathoracic Organs	1178	18.00	358	7.35	1536	13.45	1.05
4	Malignant Neoplasms of Genito Urinary Organs	483	7.38	987	20.26	1470	12.87	1.00
5	Malignant Neoplasms of bone, Mesothelial and soft tissue, skin and breast	212	3.24	983	20.18	1195	10.47	0.82
6	Malignant Neoplasms of other and Unspecified sites	629	9.61	499	10.24	1128	9.88	0.77
7	Malignant Neoplasms of lip, oral cavity and pharynx	620	9.47	277	5.69	897	7.86	0.61
8	Others	125	1.91	79	1.62	204	1.79	0.14
	Total Medically Certified Deaths due to Neoplasms	6546	100.00	4872	100	11418	100	7.80
	Deaths due to Neoplasms as percentage to total medically certified deaths		6.97		9.29		7.80	

CHART – 13

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO NEOPLASMS UNDER MCCD – 2015



3.10.1 Among the Neoplasm deaths, *‘Malignant Neoplasm of Digestive Organs’* accounts for the highest mortality of 29.78 per cent, followed by *‘Malignant of Lymphoid, haematopoietic & other related tissue’* (13.91 per cent), *‘Malignant Neoplasm of Respiratory Intrathoracic Organs’* (13.45 per cent) *‘Malignant Neoplasms of Genitor-Urinary Organs’* (12.87 per cent) and. The share of deaths due to Malignant Neoplasms of Digestive Organs in males to total male Neoplasm deaths is 35.37 per cent as against 22.27 per cent of corresponding female deaths. The percentage of female deaths due to *‘Malignant Neoplasm of Genito Urinary organs’* to total female neoplasm deaths is 20.26 per cent as compared to 7.38 per cent of corresponding male deaths. In female deaths due to *‘Malignant Neoplasm of Genito Urinary organs’* proportion of deaths due to Cervical cancer, Ovary is 78.73 per cent. Among female deaths cause by *‘Malignant Neoplasms of bone, mesothelial and soft tissue, skin and breast’* 831 (84.54 per cent) are due to breast cancer. Breast cancer alone accounts for around 17.06 per cent of total female Neoplasm deaths. Among deaths caused by *‘Malignant Neoplasm of Respiratory and Intra Thoracic Organs’* about 63 per cent is due to Lung Cancer in male in their respective group. Lung Cancer alone accounts for around 14.78 per cent of total male Neoplasm deaths.

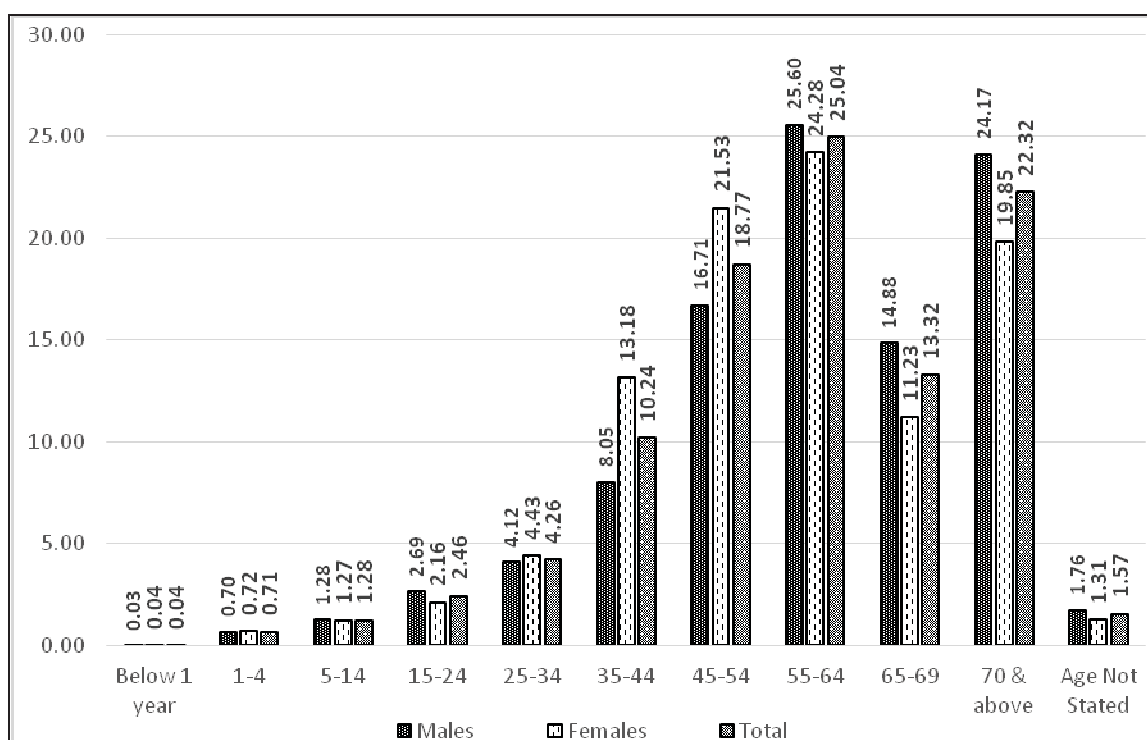
3.10.2 The incidence of Neoplasm death is reported to be the highest i.e. 25.04 per cent in the age group 55-64 years (25.60 per cent of males and 24.28 per cent of females) followed by the age group 70 and above years recording 22.32 per cent of

deaths (24.17 per cent of males and 19.85 per cent of females). Around 90 per cent of total Neoplasm deaths is concentrated in the age-group '35 years and above'. It is supportive of age as a major risk factor of Neoplasm deaths as indicated in epidemiological literature. The age composition of deaths due to 'Neoplasm' is presented in **Statement-16** and **Chart-14**.

Statement- 16
Age Distribution of Deaths Due to Neoplasm Under MCCD

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	2	0.03	2	0.04	4	0.04
2	1-4	46	0.70	35	0.72	81	0.71
3	5-14	84	1.28	62	1.27	146	1.28
4	15-24	176	2.69	105	2.16	281	2.46
5	25-34	270	4.12	216	4.43	486	4.26
6	35-44	527	8.05	642	13.18	1169	10.24
7	45-54	1094	16.71	1049	21.53	2143	18.77
8	55-64	1676	25.60	1183	24.28	2859	25.04
9	65-69	974	14.88	547	11.23	1521	13.32
10	70 & above	1582	24.17	967	19.85	2549	22.32
11	Age Not Stated	115	1.76	64	1.31	179	1.57
	Total	6546	100.00	4872	100.00	11418	100.00

CHART- 14
AGE DISTRIBUTION OF DEATHS DUE TO NEOPLASM UNDER MCCD-2015



3.11 Diseases of the Digestive System (XI): The major group comprising '*Diseases of Digestive system*' is the Sixth leading cause group, responsible for 6.86 per cent of the total medically certified deaths with 8.76 per cent of male and 3.45 per cent of female deaths. The percentage of male digestive disorder deaths to total medically certified is more than double to that of corresponding female figures. The distribution of major causes of deaths under this group is given in the **Statement-17** and is highlighted in **Chart-15**

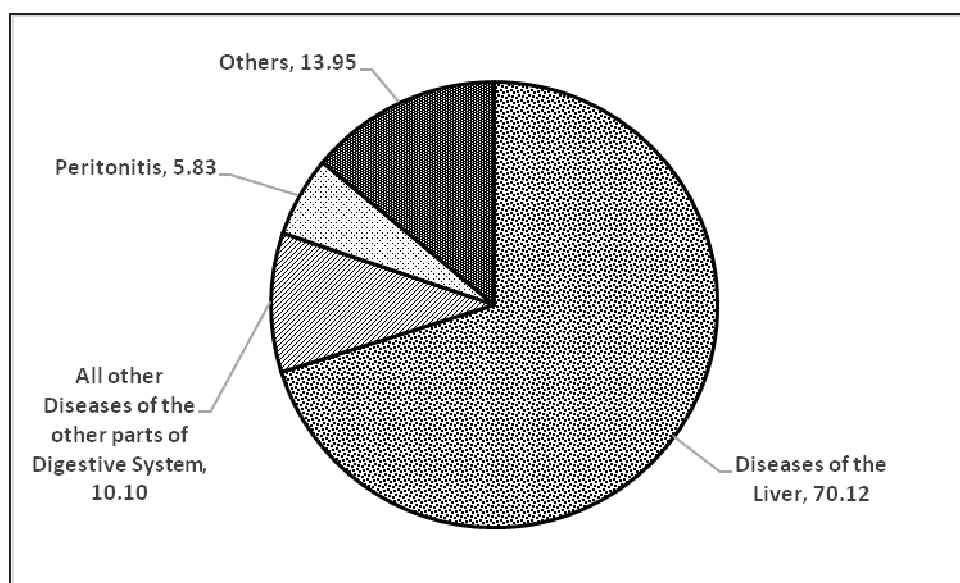
Statement – 17

Distribution of Deaths due to Digestive System Under MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diseases of the Liver	6043	73.38	1001	55.27	7044	70.12	4.81
2	All other Diseases of the other parts of Digestive System	740	8.99	275	15.18	1015	10.10	0.69
3	Peritonitis	422	5.12	164	9.06	586	5.83	0.40
4	Others	1030	12.51	371	20.49	1401	13.95	0.96
	Total Medically Certified Deaths due to Digestive System	8235	100.00	1811	100.00	10046	100.00	6.86
	Deaths due to Diseases of Digestive System as percentage to total medically certified deaths		8.76		3.45		6.86	

CHART – 15

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DIGESTIVE SYSTEM UNDER MCCD – 2015



3.11.1 Among the deaths due to disorders of digestive system, '*Diseases of the Liver*' account for 70.12 per cent of the total medically certified deaths in this group. The share of liver diseases is about 5 per cent among the total medically certified deaths. '*All other Diseases of the other parts of the Digestive System*' and '*Peritonitis*' also have responsible for 10.10 per cent and 5.83 per cent of total deaths under this major cause group.

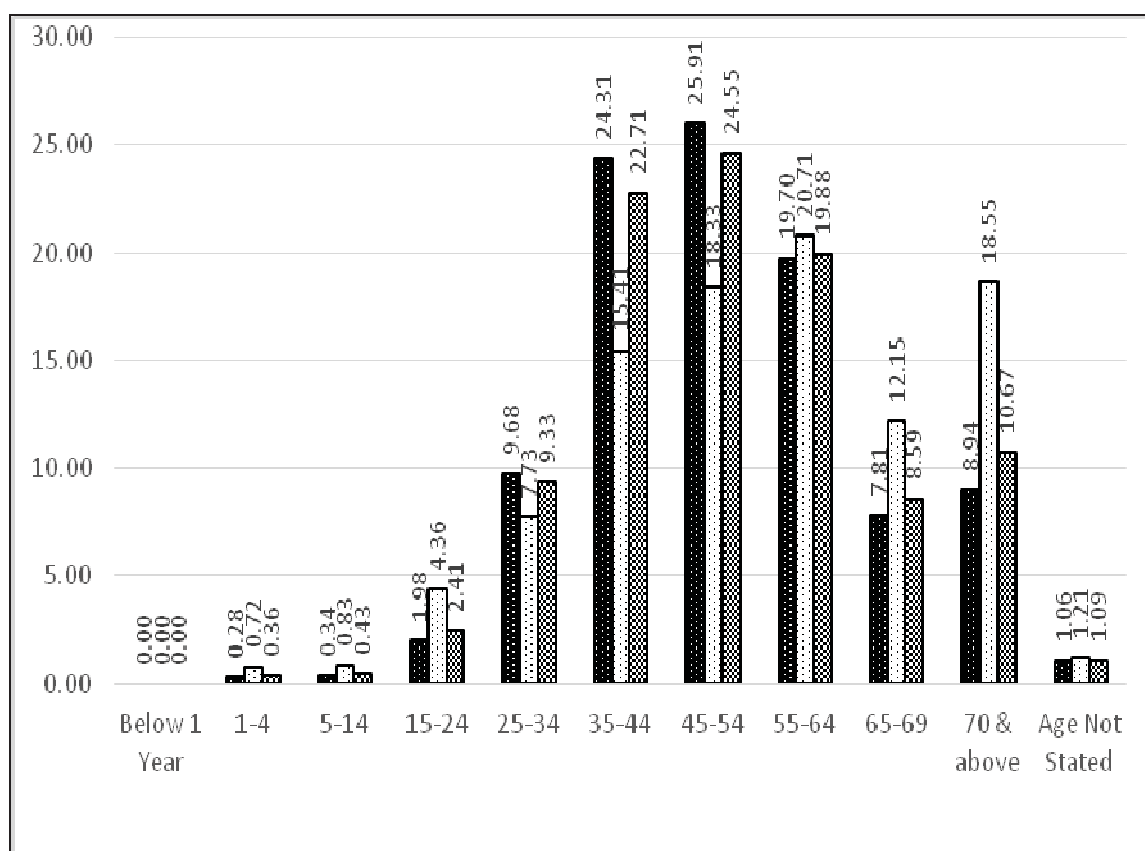
3.11.2 The **Statement-18** reveals that the age group '45-54 years' have reported the maximum deaths (24.55 per cent) under the major group '*Diseases of Digestive System*'. As high as 95.73 per cent of the total deaths caused by digestive system disorder are concentrated in the age-group 25 years and above. This is highlighted in **Chart-16**.

Statement - 18

Age Distribution of Deaths due to Digestive System Under MCCD-2015

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	0	0	0	0.00	0	0.00
2	1-4	23	0.28	13	0.72	36	0.36
3	5-14	28	0.34	15	0.83	43	0.43
4	15-24	163	1.98	79	4.36	242	2.41
5	25-34	797	9.68	140	7.73	937	9.33
6	35-44	2002	24.31	279	15.41	2281	22.71
7	45-54	2134	25.91	332	18.33	2466	24.55
8	55-64	1622	19.70	375	20.71	1997	19.88
9	65-69	643	7.81	220	12.15	863	8.59
10	70 & above	736	8.94	336	18.55	1072	10.67
11	Age Not Stated	87	1.06	22	1.21	109	1.09
	Total	8235	100.00	1811	100.00	10046	100.00

CHART - 16
AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF DIGESTIVE SYSTEM UNDER MCCD – 2015



3.12 Certain Conditions Originating in the Perinatal Period (XVI):

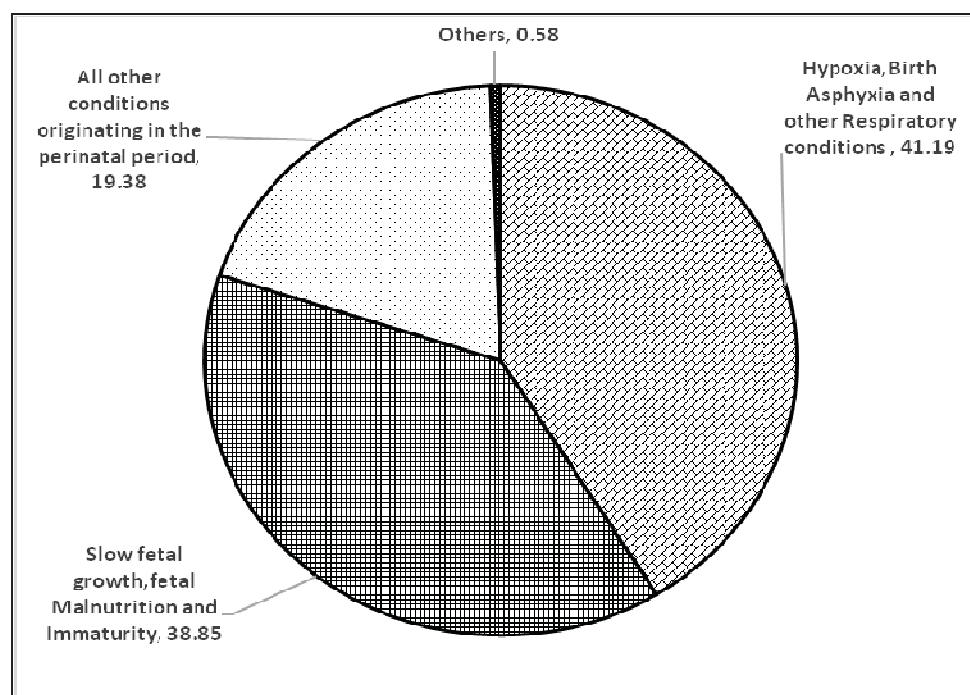
The group of diseases relating to ‘*Certain conditions originating in the Perinatal Period*’ is the Seventh leading cause of death, accounting 5.91 per cent of the total medically certified deaths. This has contributed to 5.55 per cent of male and 6.56 per cent of female medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-19** and is portrayed in the **Chart-17**

Statement-19
Distribution of Deaths due to Certain Conditions Originating in the
Perinatal Period Under MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Hypoxia,Birth Asphyxia and other Respiratory conditions	2167	41.52	1399	40.68	3566	41.19	2.44
2	Slow fetal growth,fetal Malnutrition and Immaturity	2054	39.36	1310	38.09	3364	38.85	2.30
3	All other conditions originating in the perinatal period	973	18.64	705	20.50	1678	19.38	1.15
4	Others	25	0.48	25	0.73	50	0.58	0.03
	Total Medically Certified Deaths due to Certain Conditions Originating in the Perinatal Period	5219	100.00	3439	100.00	8658	100.00	5.91
	Deaths due to Certain Conditions Originating in the Perinatal Period as percentage to total Medically Certified Deaths		5.55		6.56		5.91	

Chart – 17

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN CONDITIONS ORIGINATING IN PERINATAL PERIOD –2015



3.14 Endocrine, Nutritional and Metabolic Diseases (IV) : This is the eighth leading cause group has contributed to 5.55 per cent of the total medically certified deaths. Under this cause group, '*Diabetes Mellitus*' that causes serious health complications such as renal failures, heart disease, stroke and blindness, is a disease in which Pancreas no longer produces enough insulin or when cells stop responding to the insulin that is produced, so that glucose in the blood cannot be absorbed into the cells of the body, is the leading cause of death. It alone accounts for 82.52 per cent of total deaths reported under the cause group. The share of Diabetes Mellitus in total medically certified deaths is 4.58 percent. The distribution of major causes of deaths under this group is given in **Statement-20** and is depicted in the **Chart-18**.

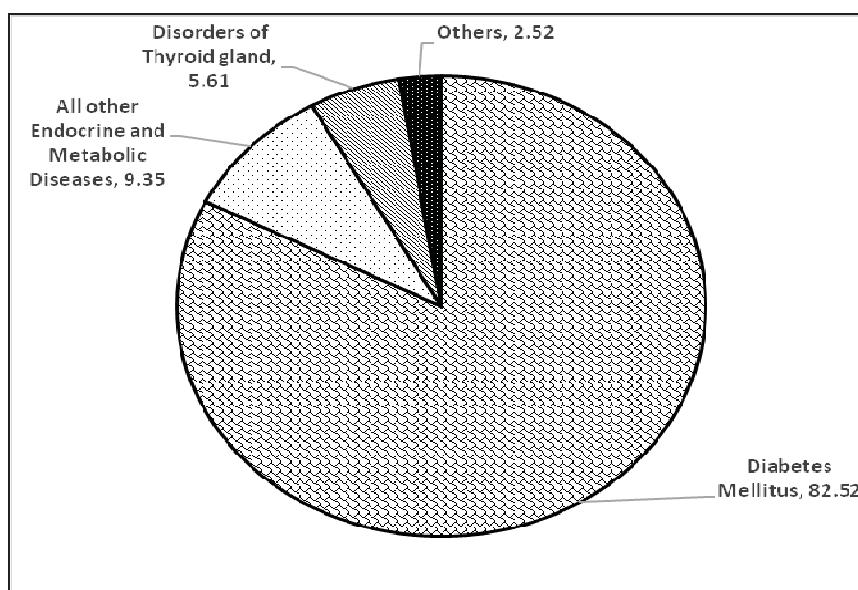
Statement – 20

**Distribution of Deaths due to Endocrine, Nutritional and Metabolic Diseases
under MCCD – 2015**

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diabetes Mellitus	3858	83.52	2848	81.19	6706	82.52	4.58
2	All other Endocrine and Metabolic Diseases	484	10.48	276	7.87	760	9.35	0.52
3	Disorders of Thyroid gland	153	3.31	303	8.64	456	5.61	0.31
4	Others	124	2.68	81	2.31	205	2.52	0.14
	Total Medically Certified Deaths due to Endocrine, Nutritional and Metabolic Diseases	4619	100.00	3508	100.00	8127	100.00	5.55
	Deaths due to Diseases of Endocrine, Nutritional and metabolic Diseases as percentage to total medically certified deaths		4.92		6.69		5.55	

Chart – 18

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES UNDER MCCD – 2015



3.14.1 The incidence of '*Diabetes Mellitus*' death is reported to be the highest for the age group 70 and above (35.79 per cent). The **Statement-21** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 90.70 per cent of the total Diabetes Mellitus deaths under MCCD.

Statement – 21

Age Distribution of Deaths Due to Diabetes Mellitus Under MCCD – 2015

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0	0	0	0	0
2	1-4	0	0	0	0	0	0
3	5-14	7	0.18	11	0.39	18	0.27
4	15-24	39	1.01	23	0.81	62	0.92
5	25-34	70	1.81	50	1.76	120	1.79
6	35-44	215	5.57	128	4.49	343	5.11
7	45-54	752	19.49	326	11.45	1078	16.08
8	55-64	884	22.91	674	23.67	1558	23.23
9	65-69	596	15.45	450	15.80	1046	15.60
10	70 & above	1239	32.12	1161	40.77	2400	35.79
11	Age Not Stated	56	1.45	25	0.88	81	1.21
	Total	3858	100.00	2848	100.00	6706	100.00

Other Causes of Death

3.15 Diseases of the Genito-Urinary System (XIV)

Out of every hundred medically certified deaths, around four are reported from '*Diseases of Genitourinary System*'. Renal failure is the cause of maximum deaths (50.85 per cent) under the '*Genitourinary System*' disease with the overall share of 1.78 per cent in total medically certified deaths. The distribution of major causes under this group is given in **Statement-22** and is shown in **Chart-19**.

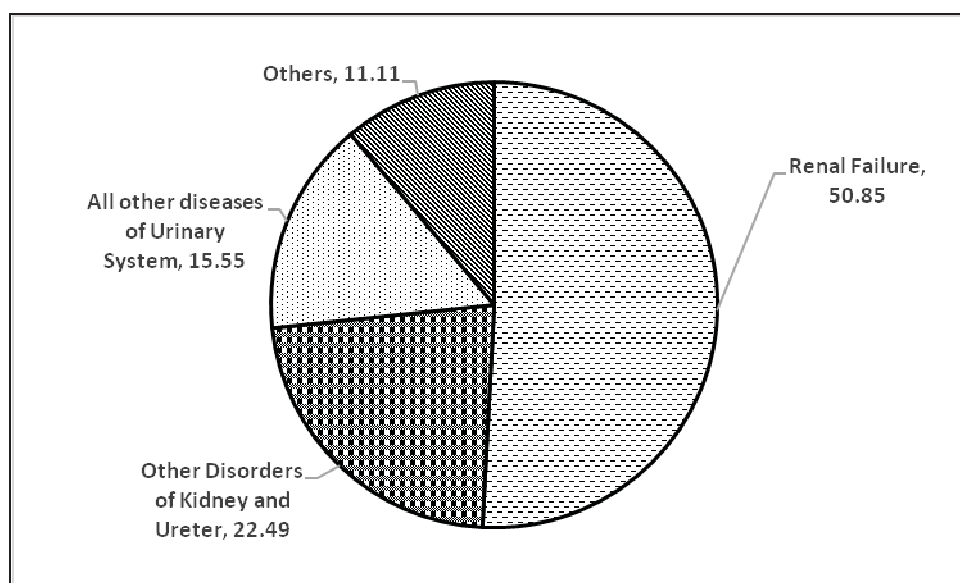
Statement - 22

Distribution of Major Causes of Deaths Due to Diseases of the Genitourinary System Under MCCD – 2015

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Renal Failure	1657	50.66	956	51.18	2613	50.85	1.78
2	Other Disorders of Kidney and Ureter	808	24.70	348	18.63	1156	22.49	0.79
3	All other diseases of Urinary System	449	13.73	350	18.74	799	15.55	0.55
4	Others	357	10.91	214	11.46	571	11.11	0.39
	Total Medically Certified Deaths due to Genito-urinary System	3271	100.00	1868	100.00	5139	100.00	3.51
	Deaths due to Diseases of Genitourinary System as percentage to total Medically certified Deaths		3.48		3.56		3.51	

CHART – 19

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE GENITOURINARY SYSTEM UNDER MCCD – 2015



3.15.1 The incidence of '*Renal failure*' death is reported to be, the highest for the age '*70 and above years*' (29.97 per cent). The **Statement-23** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 80.37 per cent of total deaths reported under MCCD due to renal failure.

Statement – 23

Age Distribution of Deaths Due to Renal Failure Under MCCD

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0	0	0	0	0
2	1-4	0	0	0	0	0	0
3	5-14	5	0.30	0	0	5	0.19
4	15-24	39	2.35	27	2.82	66	2.53
5	25-34	89	5.37	47	4.92	136	5.20
6	35-44	201	12.13	75	7.85	276	10.56
7	45-54	244	14.73	157	16.42	401	15.35
8	55-64	330	19.92	220	23.01	550	21.05
9	65-69	243	14.67	123	12.87	366	14.01
10	70 & above	487	29.39	296	30.96	783	29.97
11	Age Not stated	19	1.15	11	1.15	30	1.15
	Total	1657	100.00	956	100.00	2613	100.00

3.16 Diseases of the Nervous System (VI):

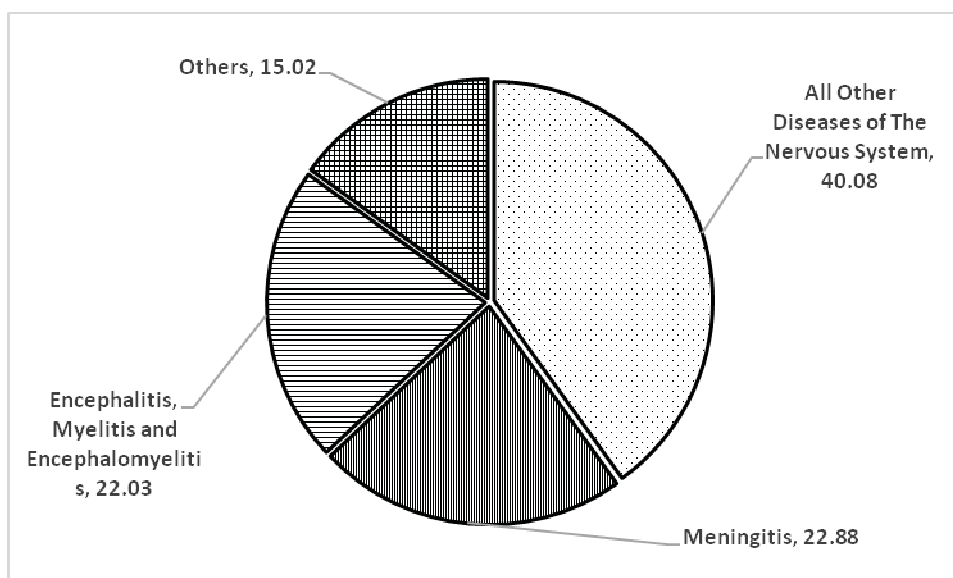
The cause group of Diseases of Nervous System is responsible for 2.47 per cent of the total medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-24** and is highlighted in **Chart-20**

Statement - 24
Distribution of Major Causes of Deaths due to Diseases of the Nervous System under MCCD – 2015

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All Other Diseases of The Nervous System	905	40.75	547	39.02	1452	40.08	0.99
2	Meningitis	492	22.15	337	24.04	829	22.88	0.57
3	Encephalitis, Myelitis and Encephalomyelitis	456	20.53	342	24.39	798	22.03	0.55
4	Others	368	16.57	176	12.55	544	15.02	0.37
	Total Medically Certified Deaths due to Diseases of Nervous System	2221	100.00	1402	100.00	3623	100.00	2.47
	Deaths due to Diseases of Nervous System as percentage to total Medically Certified Deaths		2.36		2.67		2.47	

Chart – 20

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDER MCCD – 2015



'All other Diseases of the Nervous System' accounts for the maximum (40.08 per cent) deaths reported under this group, followed by *'Meningitis'* (22.88 per cent) and *'Encephalitis Myelitis and Encephalomyelitis'* (22.03 per cent). The share of *'Meningitis'* in the total medically certified deaths is about 0.57 per cent.

3.16.1 The age group '70 & above' has reported the maximum deaths (15.73 per cent) under the major group *'Diseases of the Nervous System'*, this is followed by age groups 55-64 and 45-54 years have 13.55 per cent and 13.50 per cent respectively. Viewed from the angle of age, it affects worstly the age group below 1 year (5.00 per cent). The distribution of age-wise deaths is depicted in **Statement-25** and **Chart-21**.

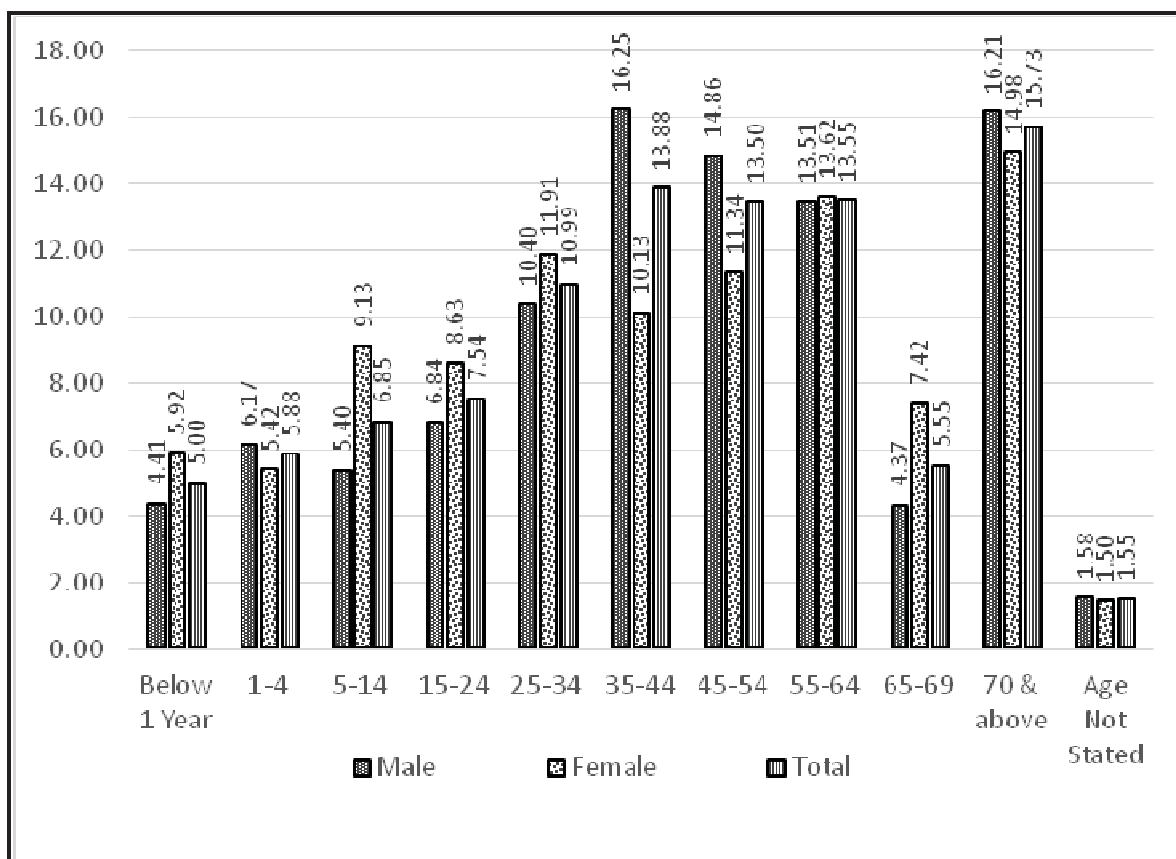
Statement – 25

Agewise Distribution of Deaths Due to Diseases of the Nervous System Under MCCD - 2015

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	98	4.41	83	5.92	181	5.00
2	1-4	137	6.17	76	5.42	213	5.88
3	5-14	120	5.40	128	9.13	248	6.85
4	15-24	152	6.84	121	8.63	273	7.54
5	25-34	231	10.40	167	11.91	398	10.99
6	35-44	361	16.25	142	10.13	503	13.88
7	45-54	330	14.86	159	11.34	489	13.50
8	55-64	300	13.51	191	13.62	491	13.55
9	65-69	97	4.37	104	7.42	201	5.55
10	70 & above	360	16.21	210	14.98	570	15.73
11	Age Not Stated	35	1.58	21	1.50	56	1.55
	Total	2221	100.00	1402	100.00	3623	100.00

Chart- 21

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDR MCCD – 2015



3.17 Symptoms, Signs and Abnormal Clinical & Laboratory Findings, Not elsewhere classified (N.E.C) (XVIII).

This leading major cause group responsible for 2.25 per cent of the total medically certified deaths of which 1.94 per cent of males and 2.80 per cent of female death. The high prevalence of causes of death being reported under this cause from the hospitals reporting Medical Certification of Cause of Death data, clearly suggests about the deficiency in clarification especially improper classification of causes of deaths by the attending doctors. As depicted in the **Statement-26. “All other Symptoms, Signs and Abnormal Clinical & Laboratory Findings Not Elsewhere Classified”** accounted for 84.13 per cent of the total deaths in this group.

Statement-26

Distribution of Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not Elsewhere Classified Under MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All other Symptoms, Signs and Abnormal Clinical & Laboratory findings ,not elsewhere classified	1543	84.83	1225	83.28	2768	84.13	1.89
2	Senility	108	5.94	133	9.04	241	7.33	0.16
3	Others	168	9.24	113	7.68	281	8.54	0.19
	Total Medically Certified Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified	1819	100.00	1471	100.00	3290	100.00	2.25
	Deaths due to Diseases of Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified as percentage to total medically certified deaths		1.94		2.80		2.25	

3.17.1 As shown in the **Statement-27** the highest incidence of deaths (42.28 per cent) is reported for the age group 70 years and above. The age group “45 years and above” contributed nearly 81 per cent of total mortality reported under this cause group.

Statement-27

Age Distribution of Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	0	0.00	0	0.00	0	0.00
2	1-4	7	0.38	10	0.68	17	0.52
3	5-14	16	0.88	20	1.36	36	1.09
4	15-24	57	3.13	33	2.24	90	2.74
5	25-34	93	5.11	64	4.35	157	4.77
6	35-44	137	7.53	126	8.57	263	7.99
7	45-54	253	13.91	143	9.72	396	12.04
8	55-64	310	17.04	193	13.12	503	15.29
9	65-69	204	11.21	171	11.62	375	11.40
10	70 & above	707	38.87	684	46.50	1391	42.28
11	Age Not Stated	35	1.92	27	1.84	62	1.88
	Total	1819	100.00	1471	100.00	3290	100.00

3.18 Congenital Malformations, Deformations and Chromosomal Abnormalities (XVII)

Merely 2100 deaths are reportedly caused by '*Congenital Malformations, deformations and Chromosomal abnormalities*', constituting about 1.44 per cent of the total medically certified deaths. The majority of these deaths occur for age less than one year (1186 or 56.48 per cent). Under this cause group, about 58.58 per cent deaths are caused by malformation of various Circulatory System. The distribution of major causes of death under this group is presented in **Statement – 28**.

Statement – 28

Distribution of Deaths due to 'Congenital Malformations, Deformations and Chromosomal Abnormalities' under MCCD – 2015

Sl. No	Cause of Death	Age Group (In years)			Percentage to total
		<1	1 year and above	Total	
			(Including age not specified)		
1	Spina Bifida	10	14	24	1.14
2	Congenital Malformations of the Circulatory System	770	460	1230	58.58
3	Cleft Lip and Cleft Palate	0	0	0	0.00
4	All other Congenital Malformations, Deformations & Chromosomal Abnormalities	406	440	846	40.28
	Total	1186	914	1260	
	Percentage to Total	56.48	43.52	100.00	

3.19 Diseases of the Blood and Blood Forming Organs and Certain Disorders involving the Immune Mechanism (III):

The diseases under this cause group have contributed to 1.69 per cent of the total medically certified deaths. This cause group accounts for 1.35 per cent of total male and 2.28 per cent of total female medically certified deaths. "*Other Anaemias*" is the major cause constitutes around 78 per cent of total deaths reported in the cause group and 1.32 per cent of the total medically certified deaths. The distribution of major causes of deaths under this group is presented in **Statement-29**.

Statement-29

Distribution of Major Causes of Deaths due to Diseases of the Blood and Blood forming organs and Certain Disorders involving the Immune Mechanism Under MCCD-2015

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Anaemias	961	75.49	969	80.88	1930	78.11	1.32
2	All other Diseases of blood & blood forming organs	283	22.23	215	17.95	498	20.15	0.34
	Others	29	2.28	14	1.17	43	1.74	0.03
	Total Medically Certified Deaths due to Blood and Blood forming organs and Immunity Mechanism	1273	100.00	1198	100.00	2471	100.00	1.69
	Deaths due to Diseases of Blood and Blood forming organs and Immunity Mechanism as percentage to total medically certified deaths		1.35		2.28		1.69	

3.20 Diseases of the Skin and Subcutaneous Tissue (XII)

These diseases account for 1245 medically certified deaths (0.85 per cent of the total medically certified deaths). This cause group accounts for 0.95 per cent of total male and 0.67 per cent of total female medically certified deaths. About 82 per cent of the deaths under the cause group are caused by *'Infections of the Skin and Subcutaneous Tissue'* (997 deaths).

3.21 Complications of Pregnancy, Childbirth and the Puerperium (XV)

The group consisting of *'Complications of Pregnancy, Childbirth and the Puerperium'* has reportedly caused 638 deaths (1.22 per cent of the total female medically certified deaths). As high as 92.16 per cent of deaths under this cause group have been due to obstetric causes like *'Other Complications of Pregnancy and Delivery, 'Complications Pre-dominantly Related to the Puerperium', 'Oedema, Proteinuria and hypertensive disorders in Pregnancy, Child Birth and Puerperium'*

and some other related complications. The remaining 8.30 per cent deaths in this cause group are due to abortive outcome of Pregnancy such as Medical and Spontaneous Abortions and other obstetric conditions.

Statement – 30

Distribution of Deaths due to "Complication of Pregnancy, Childbirth and the Puerperium "under MCCD – 2015

Sl. No	Cause of Death	No.	%	% to total female Medically Certified Deaths
1	Other Direct Obstetric Deaths	588	92.16	1.12
2	Pregnancy with Abortive Outcome	40	6.27	0.08
3	Other Obstetric Conditions not elsewhere Classified	10	1.57	0.02
	Total Medically Certified Deaths due to Complication of Pregnancy, Childbirth and Puerperium	638	100.00	1.22

3.22 Diseases of the Musculoskeletal System and Connective Tissue (XIII)

This has contributed to only 417 deaths i.e. around 0.29 per cent of total medically certified deaths.

3.23 Mental and Behavioural Disorders (V)

The group relating to Mental and Behavioural disorders accounts for 123 deaths (0.09 per cent of total medically certified deaths). The age group 25-64 years constitutes around 81 per cent of total deaths due to '*Mental and Behavioural Disorders*'. Under this cause group, the deaths due to '*Schizophrenia, Schizotypal & Delusional Disorders*' constitutes the highest share (49.17 per cent) of total deaths. The ratio of males to females was disproportionate in this group (95 males to 28 females). The distribution of major causes of deaths under this group is presented in **Statement-31**

Statement – 31
Distribution of Deaths due to 'Mental and Behavioural Disorders'
under MCCD – 2015

Sl. No	Cause of Death	Age Group								% to Total
		<15	15-24	25-34	35-44	45-54	55-64	Others	Total	
1	Schizophrenia, Schizotypal & Delusional Disorders	0	3	5	13	11	3	8	43	49.17
2	Mental And Behavioural Disorders due to Psychoactive Substance use	0	1	16	22	16	9	7	71	41.67
3	All Other Mental Behavioural Disorders	0	0	0	2	1	2	4	9	9.17
	Total	0	4	21	37	28	14	19	123	100.00
	Percentage to total	0	3.3	17.07	30.08	22.76	11.38	15.45	100.00	

3.24 The least harmful major causes are Diseases of the Ear and Mastoid Process (VIII) and Diseases of the Eye and Adnexa (VII). No significant mortality is reported due to these causes. They are reporting merely 8 and 3 deaths from each group respectively.

CHAPTER - IV

SCHEME OF MCCD :

**SPECIFIC CAUSE OF MORTALITY IN
DIFFERENT AGE GROUPS**

CHAPTER- IV

SPECIFIC CAUSE OF MORTALITY IN DIFFERENT AGE GROUPS

This chapter analyses the specific cause of mortality among different age groups by gender.

4.1. Infants: Out of the total medically certified deaths, around one-tenth has been reported for the Infants (children who could not complete their first birthday). The shares of male and female deaths to the corresponding totals of medically certified deaths are 6.57 per cent and 7.76 per cent respectively. The maximum incidence of death under this age group (84.50 per cent) has been reported to be caused by '*Certain conditions originating in the perinatal period*', which includes diseases *Hypoxia, Birth Asphyxia and other Respiratory Conditions and Slow Fetal Growth, Fetal Malnutrition and Immaturity*, (80.16 per cent). This is followed by '*Congenital Malformations, Deformations & Chromosomal Abnormalities*' (11.58 per cent) of which *Congenital Malformations of the Circulatory System* (65.00 per cent) is the major constituent. '*Certain Infectious and Parasitic Diseases*' which contribute to about 1.67 per cent of the total infant deaths, assume third rank, having *Diarrhoea and Gastro enteritis of Presumed Infectious Origin* (53.3 per cent) as the major killers. The distribution of mortality among infants by major cause groups has been given in **Statement-32** and is highlighted in **Chart -22**

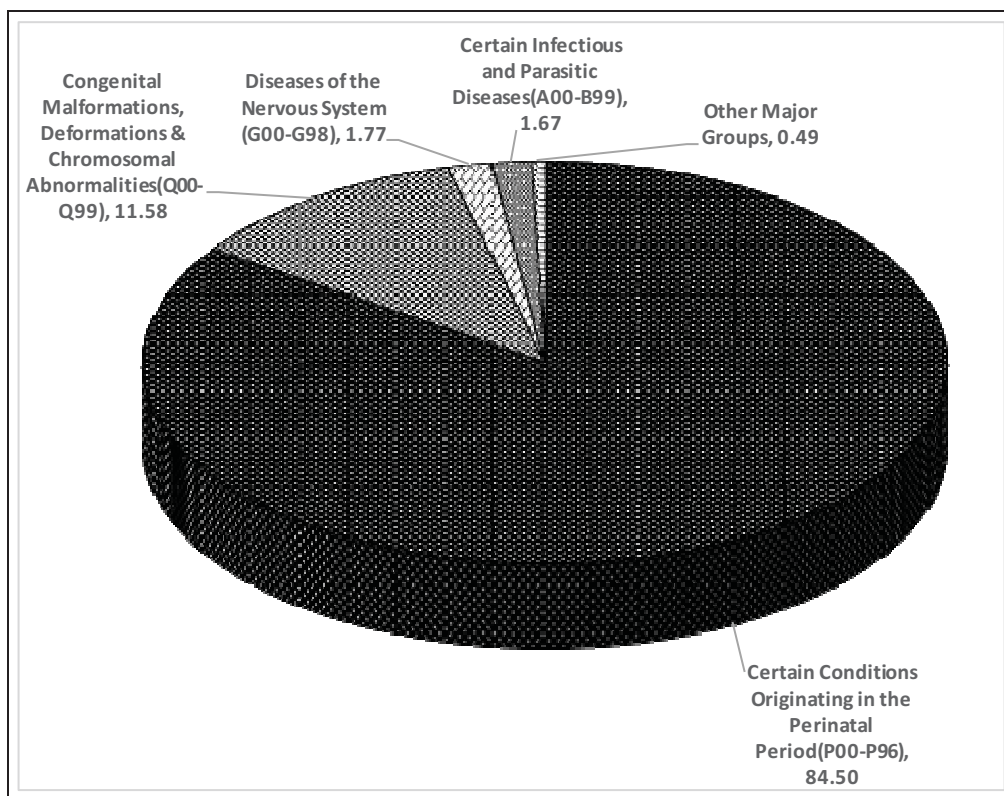
Statement – 32

Distribution of Mortality among Infants by Major Cause Group

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Conditions Originating in the Perinatal Period(P00-P96)	5219	84.52	3439	84.48	8658	84.50
2	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	725	11.74	461	11.32	1186	11.58
3	Certain Infectious and Parasitic Diseases(A00-B99)	102	1.65	69	1.69	171	1.67
4	Diseases of the Nervous System (G00-G98)	98	1.59	83	2.04	181	1.77
5	Other Major Groups	31	0.50	19	0.47	50	0.49
	Total Medically Certified Deaths in the age group <1 Year	6175	100.00	4071	100.00	10246	100.00
	Deaths in the age group <1 year as percentage to total Medically certified deaths		6.57		7.76		7.00

Chart – 22

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG INFANTS
BY MAJOR CAUSE GROUP

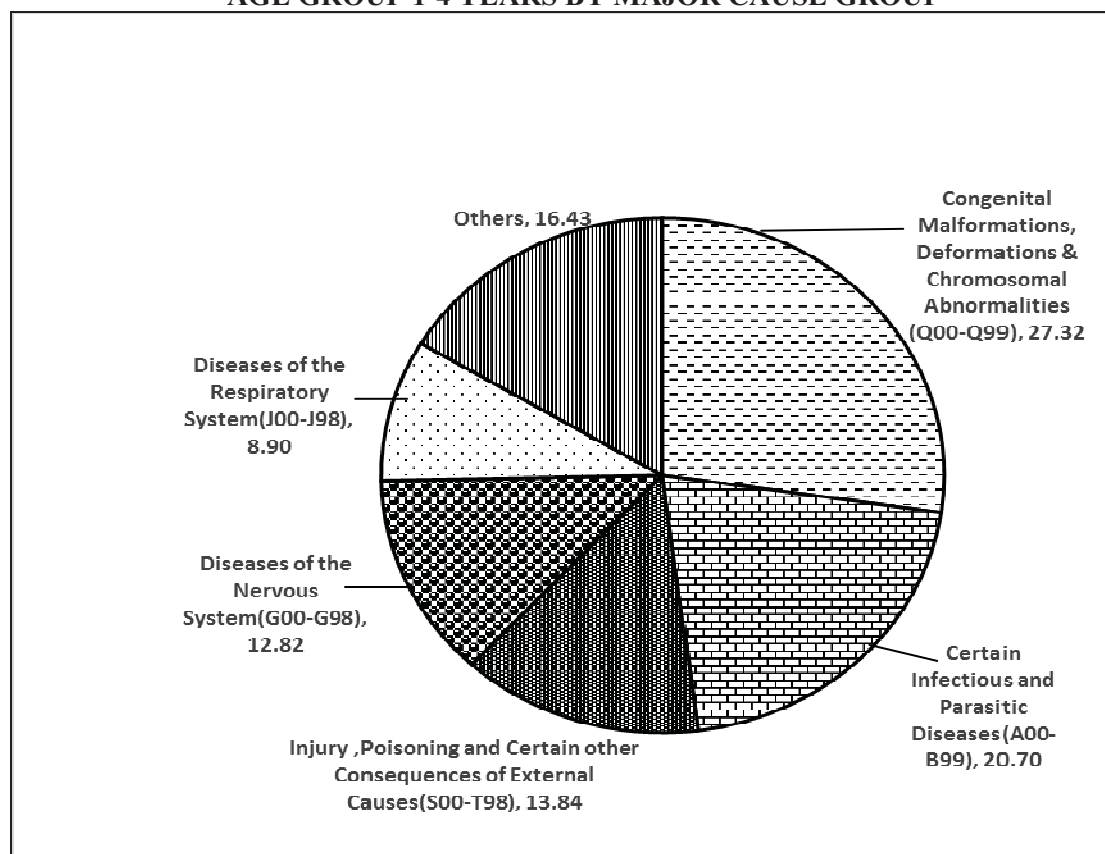


4.2 Children aged 1-4 year: Of the total medically certified deaths, 1.14 per cent has been reported from this age-group, accounting for 1.06 per cent and 1.28 per cent of total male and female medically certified deaths respectively. **‘Congenital Malformations, Deformations and Chromosomal Abnormalities’** rank first, constituting 27.32 per cent of total medically certified deaths in the age group under which ***Congenital Malformations of the Circulatory System*** is the leading cause contribute around 53.09 per cent of the deaths in Congenital Abnormalities group. **‘Certain infectious and Parasitic Diseases’** is the second leading cause contribute around 20.70 per cent of total medically certified deaths in the age group. ***Septicaemia*** (20.06 per cent), ***Diarrhoea and Gastro enteritis of Presumed Infectious Origin*** (10.07 per cent) and ***Other Arthropod Born Viral Fevers and Viral Haemorrhagic fevers*** (17.16 per cent) and ***Other Viral Encephalitis*** (14.94 per cent) are the major constituents. The third leading cause group of deaths, **‘Injury, Poisoning and Certain other Consequences of External Causes’** is responsible for 13.05 per cent of deaths in this age group. **‘Burns and Corroisions’** have taken about 35.66 per cent of the total deaths under this cause group. The distribution of mortality in the age group 1-4 years by major cause group has been given in **Statement-33** and **Chart 23**.

Statement – 33
Distribution of Mortality among children in the Age Group 1-4 years
by Major Cause Group.

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Congenital Malformations, Deformations & Chromosomal Abnormalities (Q00-Q99)	286	28.83	168	25.07	454	27.32
2	Certain Infectious and Parasitic Diseases(A00-B99)	192	19.35	152	22.69	344	20.70
3	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	144	14.52	86	12.84	230	13.84
4	Diseases of the Nervous System(G00-G98)	137	13.81	76	11.34	213	12.82
5	Diseases of the Respiratory System(J00-J98)	86	8.67	62	9.25	148	8.90
6	Others	147	14.82	126	18.81	273	16.43
	Total Medically Certified Deaths in the age group 1-4 Years	992	100.00	670	100.00	1662	100.00
	Deaths in the age group 1-4 year as percentage to total Medically certified deaths		1.06		1.28		1.14

CHART -23
PERCENTAGE DISTRIBUTION OF MORTALITY AMONG CHILDREN IN THE
AGE GROUP 1-4 YEARS BY MAJOR CAUSE GROUP



4.3 Children aged 0-4 year: Of the total medically certified deaths, 8.14 per cent has been reported from this age-group, accounting for 7.63 per cent and 9.04 per cent of total male and female medically certified deaths respectively. **‘Certain Conditions Originating in the Perinatal Period’** cause 72.71 per cent of deaths among this age group. **Congenital Malformations and Chromosomal Abnormalities** caused 13.78 per cent of deaths followed by **‘Certain infectious and Parasitic Diseases’** 4.33 per cent and **Diseases of Nervous System** 3.31 per cent. Under this age group the distribution of mortality in the age group 0-4 is by top 6 causes has been given in Statement-34.

Statement – 34

**Distribution of Mortality among children in the Age Group 1-4 years
by Major Cause Group.**

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Conditions Originating in the Perinatal Period (P00-P96)	5219	72.82	3439	72.54	8658	72.71
2	Congenital Malformations Deformations & Chromosomal abnormalities (Q00-Q99)	1011	14.11	629	13.27	1640	13.78
3	Certain Infectious and Parasitic Diseases (A00-B99)	294	4.11	221	4.67	515	4.33
4	Diseases of the Nervous System(G00-G98)	235	3.28	159	3.36	394	3.31
5	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	163	2.28	91	5.35	254	2.14
6	Diseases of the Respiratory System (J00-J98)	94	1.32	66	1.40	160	1.35
	Total Medically Certified Deaths in the age group 0-4 Years	7167	100.00	4741	100.00	11908	100.00

4.3 Children aged 5-14 years: The share of this age group in the total medically certified deaths is 1.48 per cent, constituting 1.23per cent and 1.92 per cent of total male and female medically certified deaths respectively. Of the total reported deaths under this age group, the share of **‘Certain infectious and Parasitic Diseases’** is 23.21 per cent followed by **Injury, Poisoning and Certain other Consequences of External Causes** (18.40 per cent), **Congenital Malformation, Deformation & Chromosomal Abnormalities** (15.44 per cent), **Diseases of the Nervous System** (11.47 per cent), **Diseases of Respiratory System** (8.18 per cent) and **Neoplasm** (6.75 per cent). The Distribution of mortality in the age group 5-14 years, by major cause groups is given in **Statement- 35** and **Chart - 24**.

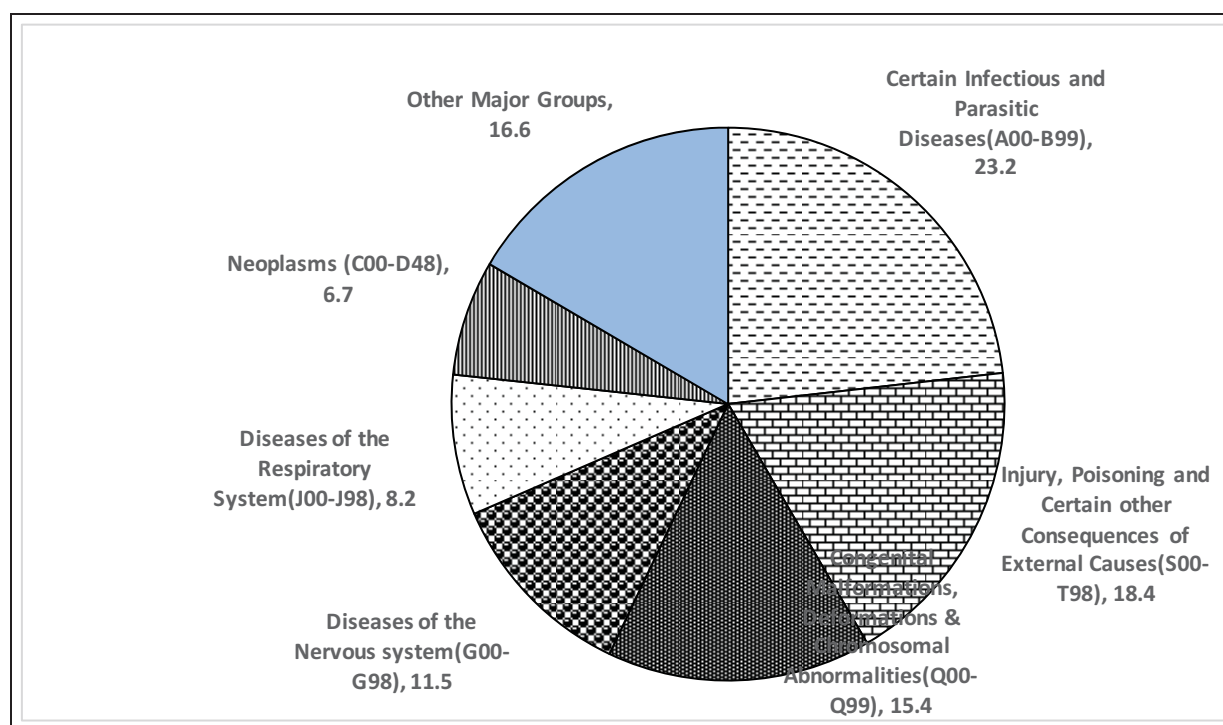
Statement – 35

Distribution of Mortality among children in the Age Group 5-14 years by Major Cause group-2015

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Infectious and Parasitic Diseases(A00-B99)	260	22.47	242	24.06	502	23.21
2	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	217	18.76	181	17.99	398	18.40
3	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	192	16.59	142	14.12	334	15.44
4	Diseases of the Nervous system(G00-G98)	120	10.37	128	12.72	248	11.47
5	Diseases of the Respiratory System(J00-J98)	90	7.78	87	8.65	177	8.18
6	Neoplasms (C00-D48)	84	7.26	62	6.16	146	6.75
7	Other Major Groups	194	16.77	164	16.30	358	16.55
	Total Medically Certified Deaths in the age group 5-14 Year	1157	100.00	1006	100.00	2163	100.00
	Deaths in the age group 5-14 year as percentage to total Medically certified deaths		1.23		1.92		1.48

CHART – 24

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG CHILDREN IN THE AGE GROUP 5-14 YEARS BY MAJOR CAUSE GROUPS



4.4 Persons aged 15-24 years: This age-group has contributed to 4.15 per cent of the total medically certified deaths and the share of male and female deaths to the corresponding total being 3.42 per cent and 5.45 per cent respectively. The category consisting of *“Injury, Poisoning & certain other consequences of External causes”* has caused the maximum deaths 44.46 per cent of total deaths reported under this age group. *“Certain Infectious and Parasitic Diseases”*, *“Diseases of the Respiratory System”* *“Neoplasms”* and *“Diseases of the Nervous System”* are other leading causes of deaths, accounting for 15.76 per cent, 6.14 per cent and 4.63 per cent and 4.50 per cent of deaths respectively. The distribution of mortality in the age group 15-24 years, by major cause groups has been shown in **Statement – 36** and **Chart-25**.

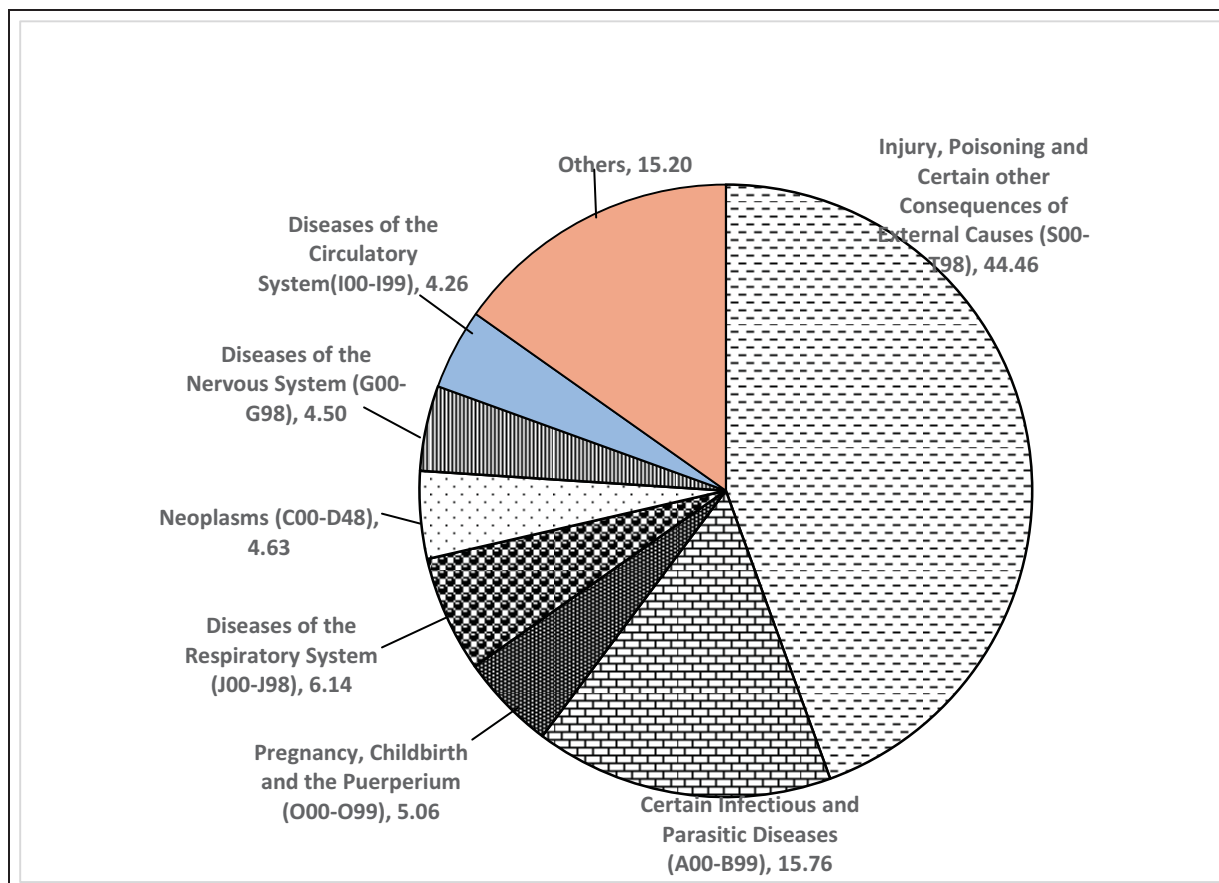
Statement – 36

Distribution of Mortality among persons in the Age Group 15-24 years by Major Cause Groups

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Injury, Poisoning and Certain other Consequences of External Causes (S00-T98)	1555	48.37	1145	40.06	2700	44.46
2	Certain Infectious and Parasitic Diseases (A00-B99)	497	15.46	460	16.10	957	15.76
3	Diseases of the Respiratory System (J00-J98)	191	5.94	182	6.37	373	6.14
4	Neoplasms (C00-D48)	176	5.47	105	3.67	281	4.63
5	Diseases of the Nervous System (G00-G98)	152	4.73	121	4.23	273	4.50
6	Diseases of the Circulatory System(I00-I99)	147	4.57	112	3.92	259	4.26
7	Others	497	15.46	426	14.91	923	15.20
8	Total Medically Certified Deaths in the age group 15-24 Year	3215	100.00	2858	100.00	6073	100.00
	Deaths in the age group 15-24 year as percentage to total Medically certified deaths		3.42		5.45		4.15

Chart – 25

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 15-24 YEARS BY MAJOR CAUSE GROUPS



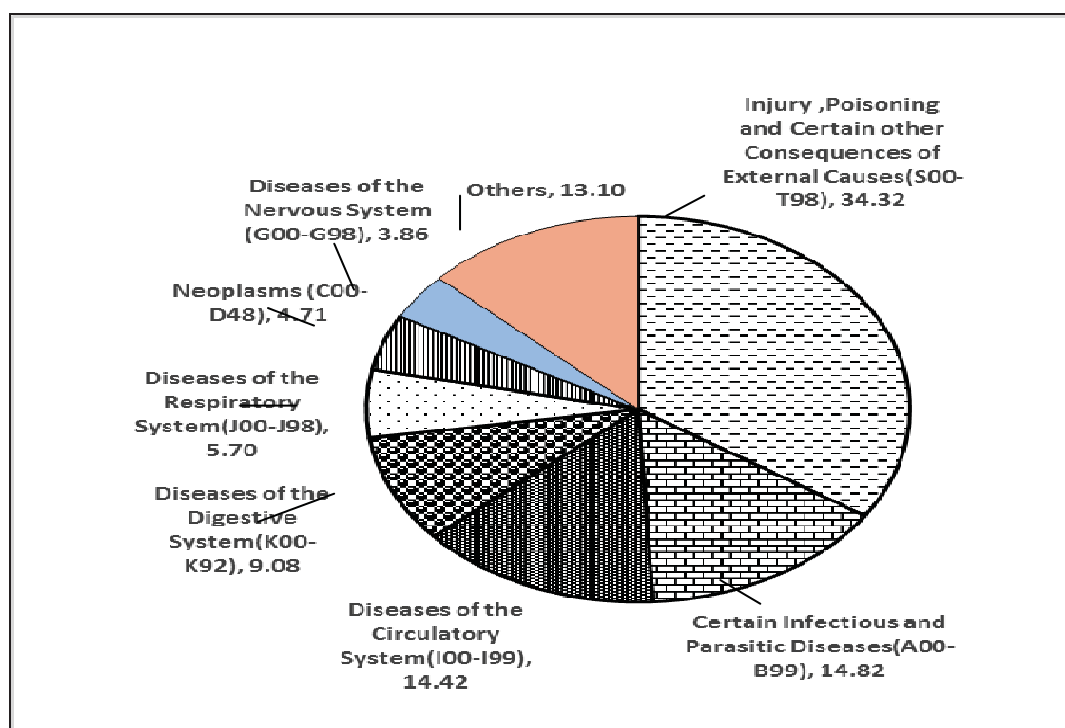
4.5 Persons aged 25-34 years: This age group has constituted around 6.96 per cent of total medically certified deaths. Around every fifteenth medically certified death belongs to this age-group, with 6.96 per cent and 7.20 per cent of total male and female medically certified deaths respectively coming from this age group. A significant percentage of deaths have been reported due to *'Injury, Poisoning & certain other consequences of External Causes'* (34.32 per cent). The two other major determinants of deaths are *'Certain Infectious and Parasitic Diseases'* (14.82) and *'Diseases of the Circulatory System'* (14.42 per cent). The Distribution of Mortality in the age group 25-34 years, by major cause groups has been shown in **Statement - 37 & Chart- 26**

Statement – 37
Distribution of Mortality among persons in the Age Group 25-34 years
by Major Cause Groups

Sl. No	Major Cause Groups	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	2344	35.82	1198	31.72	3542	34.32
2	Certain Infectious and Parasitic Diseases(A00-B99)	967	14.78	562	14.88	1529	14.82
3	Diseases of the Circulatory System(I00-I99)	970	14.83	518	13.71	1488	14.42
4	Diseases of the Digestive System(K00-K92)	797	12.18	140	3.71	937	9.08
6	Diseases of the Respiratory System(J00-J98)	360	5.50	228	6.04	588	5.70
7	Neoplasms (C00-D48)	270	4.13	216	5.72	486	4.71
5	Diseases of the Nervous System (G00-G98)	231	3.53	167	4.42	398	3.86
8	Others	604	9.23	748	19.80	1352	13.10
	Total Medically Certified Deaths in the age group 25-34 Year	6543	100.00	3777	100.00	10320	100.00
	Deaths in the age group 25-34 year as percentage to total Medically certified deaths		6.96		7.20		7.05

Chart -26

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 25-34 YEARS BY MAJOR CAUSE GROUPS



4.6 Persons aged 35-44 years : The overall contribution of this age-group in total medically certified deaths is 10.63 per cent, accounting for 11.69 per cent for male and 8.73 per cent of female deaths. *‘Diseases of the Circulatory System’, ‘Injury Poisoning and Certain other Consequences of External Causes’, ‘Diseases of Digestive System’, ‘Certain Infectious and Parasitic Diseases’, ‘Neoplasms’ and ‘Diseases of Respiratory System’* are leading cause groups of deaths together contributing around 84.46 per cent of total deaths under this age-group. The distribution of mortality in the age group 35-44 years, by major cause group has been presented in **Statement-38** and **Chart-27**.

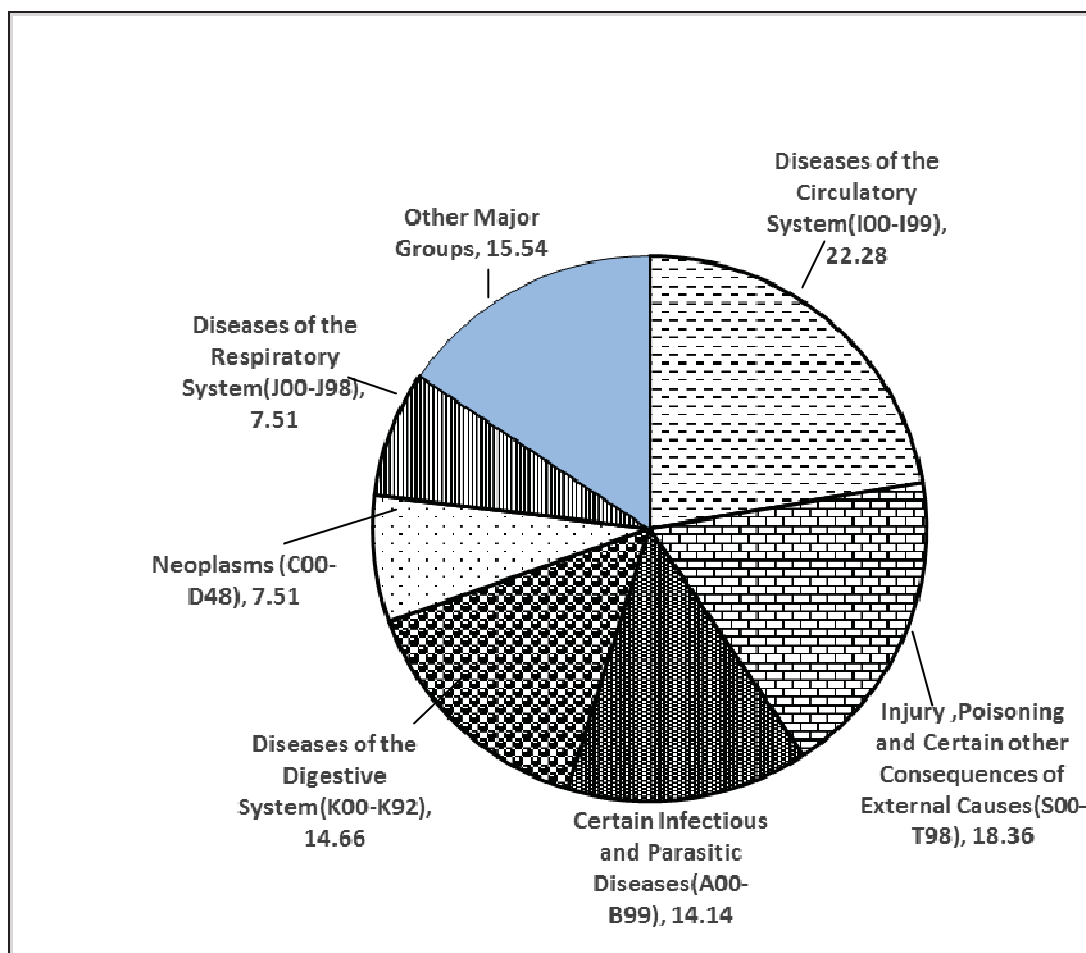
Statement -38

Distribution of Mortality among persons in the Age Group 35-44 years by Major Cause Groups

Sl. No	Major Cause Groups	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	2490	22.68	976	21.32	3466	22.28
2	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	2130	19.40	727	15.88	2857	18.36
3	Diseases of the Digestive System(K00-K92)	2002	18.23	279	6.09	2281	14.66
4	Certain Infectious and Parasitic Diseases(A00-B99)	1576	14.35	624	13.63	2200	14.14
5	Neoplasms (C00-D48)	527	4.80	642	14.02	1169	7.51
6	Diseases of the Respiratory System(J00-J98)	756	6.89	412	9.00	1168	7.51
7	Other Major Groups	1499	13.65	918	20.05	2417	15.54
	Total Medically Certified Deaths in the age group 35-44 Years	10980	100.00	4578	100.00	15558	100.00
	Deaths in the age group 35-44 year as percentage to total Medically certified deaths		11.69		8.73		10.63

Chart – 27

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 35-44 YEARS BY MAJOR CAUSE GROUPS



4.7 Persons aged 45-54 years: This age group has contributed to 15.08 per cent of the total medically certified deaths, constituting 16.47 per cent and 12.58 per cent of total male and female medically certified deaths respectively. The prominent causes of mortality in this age group are '*Diseases of Circulatory System*' (31.90 per cent), '*Injury, Poisoning & Certain other consequences of External Causes*' (12.14 per cent), '*Certain, Infectious and Parasitic Diseases*' (11.24 per cent), '*Diseases of the Digestive System*' (11.17 per cent) '*Neoplasms*' (9.71 per cent) and '*Diseases of the Respiratory System*' (7.56 per cent), and '*Endocrine, Nutritional and Metabolic Diseases*' (5.84 per cent) which together contribute around 89.56 per cent of the total deaths reported under this age-group. The distribution of mortality in the age group 45-54 years, by major cause groups has been presented in **Statement – 39** and **Chart -28**.

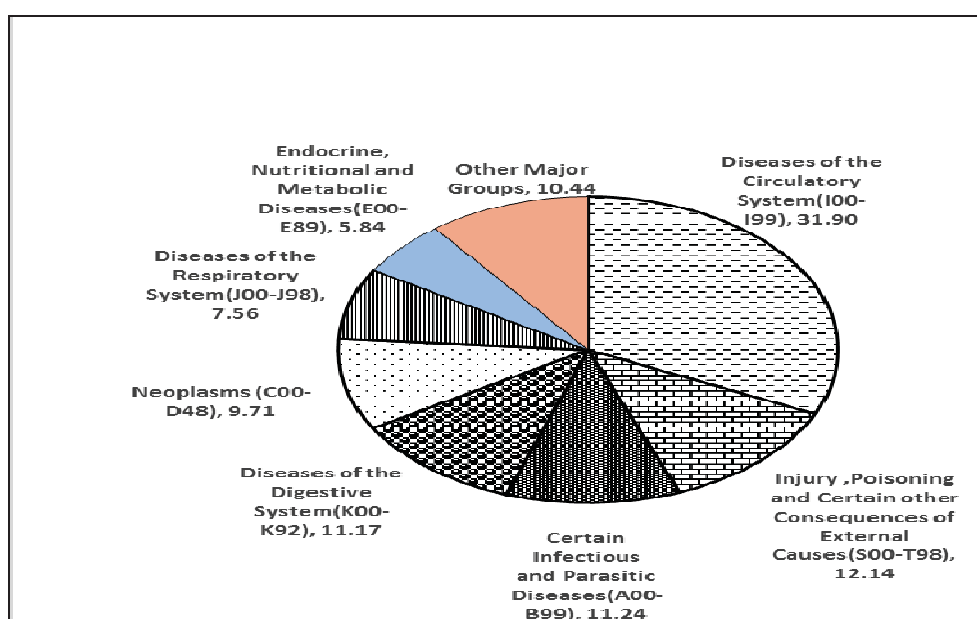
Statement – 39

**Distribution of Mortality among persons in the Age Group 45-54 years
by Major Cause Groups**

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	5004	32.33	2037	30.87	7041	31.90
2	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	2003	12.94	677	10.26	2680	12.14
3	Certain Infectious and Parasitic Diseases(A00-B99)	1734	11.20	747	11.32	2481	11.24
4	Diseases of the Digestive System(K00-K92)	2134	13.79	332	5.03	2466	11.17
5	Neoplasms (C00-D48)	1094	7.07	1049	15.90	2143	9.71
6	Diseases of the Respiratory System(J00-J98)	1151	7.44	518	7.85	1669	7.56
7	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	870	5.62	420	6.37	1290	5.84
	Other Major Groups	1487	9.61	818	12.40	2305	10.44
	Total Medically Certified Deaths in the age group 45-54 Years	15477	100.00	6598	100.00	22075	100.00
	Deaths in the age group 45-54 year as percentage to total Medically certified deaths		16.47		12.58		15.08

Chart – 28

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 45-54 YEARS BY MAJOR CAUSE GROUPS



4.8 Persons aged 55-64 years: This age group has a share of 18.93 per cent in the total medically certified deaths, accounting for 16.79 per cent and 18.16 per cent of total male and female medically certified deaths respectively. *‘Diseases of the Circulatory System’* have contributed to the maximum number (39.63 per cent) of total deaths in this age-group, followed by *Neoplasms* (10.75 per cent), *Diseases of the Respiratory System* (8.72 per cent), In the *Circulatory System deaths “Ischaemic Heart Diseases”* have taken the highest toll contributing around 36.76 per cent of total deaths. The cause group *Neoplasm* responsible for 10.75 per cent of the total deaths under the this age group has two major constituents i.e., Malignant Neoplasm of Digestive organs and Malignant Neoplasm of Respiratory & Intra thoracic Organs together accounting for 49.07 per cent. *Diseases of the Respiratory System* responsible for 8.72 per cent of the total deaths under this age group has two major constituents i.e., *Pneumonia and Asthma*, together accounting for 33.54 per cent of total respiratory system deaths. The cause group *‘Certain Infectious and Parasitic Diseases’* is responsible for 8.45 per cent of the total deaths under this age group *‘Respiratory Tuberculosis’* constituted 39.10 per cent of total deaths (Refer Table-2). Around 70 per cent of the deaths under the cause group, *‘Diseases of the Digestive system’* 7.51 per cent is due to *‘Diseases of the Liver’*. The distribution of mortality in the age group 55-64 years by major cause group has been highlighted in the **Statement-40 and Chart – 29.**

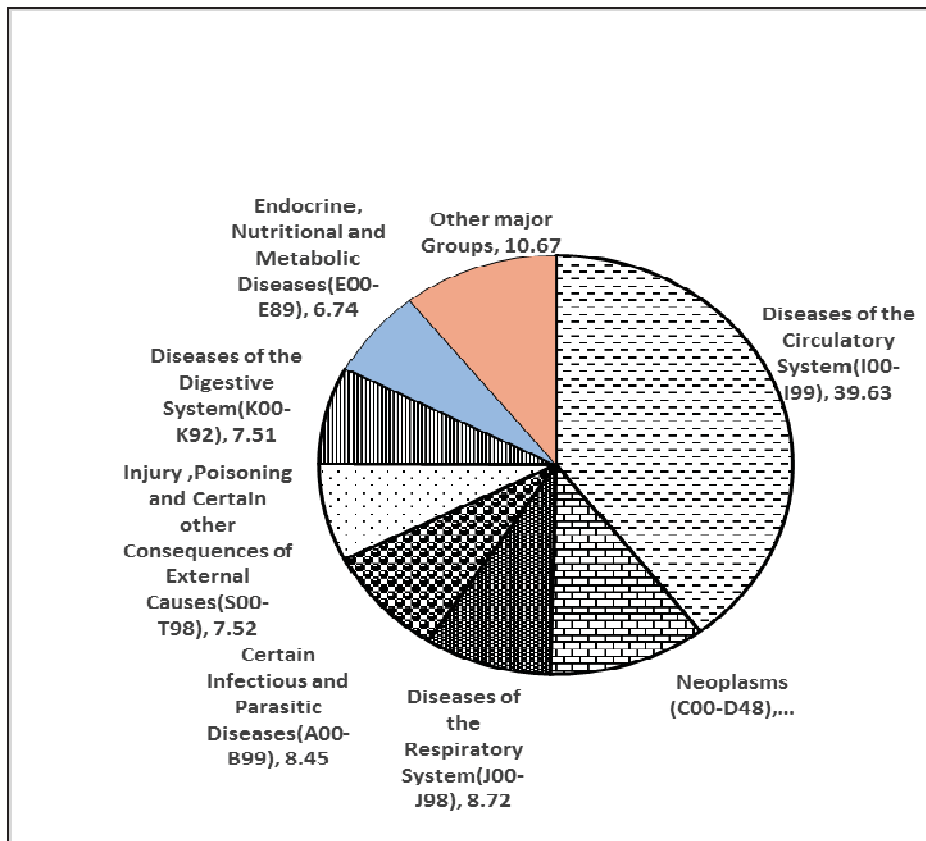
Statement - 40

Distribution of Mortality among persons in the Age Group 55-64 years by Major Cause Groups

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	7022	39.48	3517	39.94	10539	39.63
2	Neoplasms (C00-D48)	1676	9.42	1183	13.44	2859	10.75
3	Diseases of the Respiratory System(J00-J98)	1598	8.98	722	8.20	2320	8.72
4	Certain Infectious and Parasitic Diseases(A00-B99)	1522	8.56	724	8.22	2246	8.45
5	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	1547	8.70	453	5.14	2000	7.52
6	Diseases of the Digestive System(K00-K92)	1622	9.12	375	4.26	1997	7.51
7	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	1023	5.75	770	8.75	1793	6.74
	Other major Groups	1776	9.99	1061	12.05	2837	10.67
	Total Medically Certified Deaths in the age group 55-64 Years	17786	100.00	8805	100.00	26591	100.00
	Deaths in the age group 55-64 year as percentage to total Medically certified deaths		18.93		16.79		18.16

Chart – 29

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 55-64 YEARS BY MAJOR CAUSE GROUPS



4.9 Persons aged 65-69 years: The share of this age group in total medically certified deaths is 10.30 per cent, constituting 10.41 per cent and 10.09 per cent of total male and female medically certified deaths respectively. In this age group, *'Diseases of the Circulatory System'* alone constitute the highest number of deaths (42.97 per cent). *'Ischaemic Heart Diseases'* constitute the highest share around 38.02 per cent of circulatory system deaths under this age group. The second leading cause group of death in this age group is *'Diseases of the Respiratory System'* with the share of 10.43 per cent. *'Other Lower Respiratory Disorders'* and *'Pneumonia'* are being the major constituents with the shares of 36.87 per cent and 20.21 per cent of this cause group respectively. *'Neoplasm'* rank third with 10.09 percent of the total deaths. Under this cause group *'Malignant Neoplasm of Digestive Organs'* is the main cause alone contribute 31.90 per cent of the deaths. *'Endocrine, Nutritional & Metabolic Diseases'* rank 4th with 8.09 per cent of the total deaths. Under this cause group *'Diabetes Mellitus'* alone contribute 85.74 per cent of the deaths (Ref. Table-2). The distribution of mortality in the age group 65-69 years, by major cause groups has been portrayed in **Statement-41** and **Chart-30**.

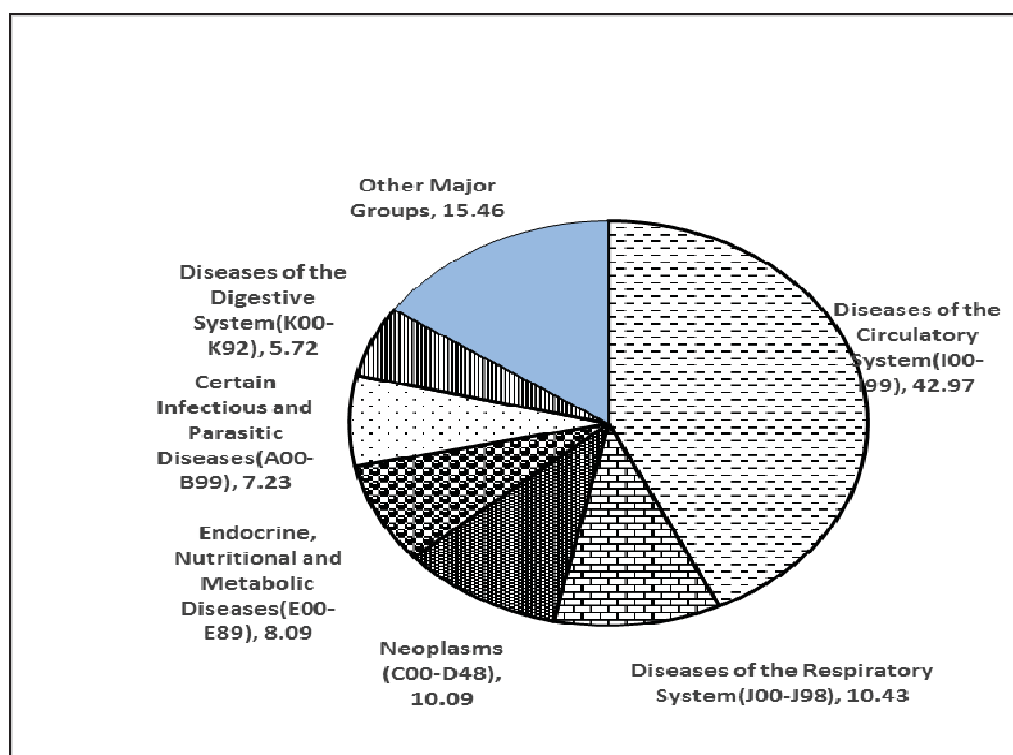
Statement - 41

**Distribution of Mortality among persons in the Age Group 65-69 years
by Major Cause Groups**

Sl.No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	4194	42.87	2284	43.15	6478	42.97
2	Diseases of the Respiratory System(J00-J98)	1068	10.92	505	9.54	1573	10.43
3	Neoplasms (C00-D48)	974	9.96	547	10.33	1521	10.09
4	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	685	7.00	535	10.11	1220	8.09
5	Certain Infectious and Parasitic Diseases(A00-B99)	711	7.27	379	7.16	1090	7.23
6	Diseases of the Digestive System(K00-K92)	643	6.57	220	4.16	863	5.72
7	Other Major Groups	1507	15.41	823	15.55	2330	15.46
	Total Medically Certified Deaths in the age group 65-69 Years	9782	100.00	5293	100.00	15075	100.00
	Deaths in the age group 65-69 years as percentage to total Medically certified deaths		10.41		10.09		10.30

Chart - 30

**PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN
THE AGE GROUP 65-69 YEARS BY MAJOR CAUSE GROUPS**



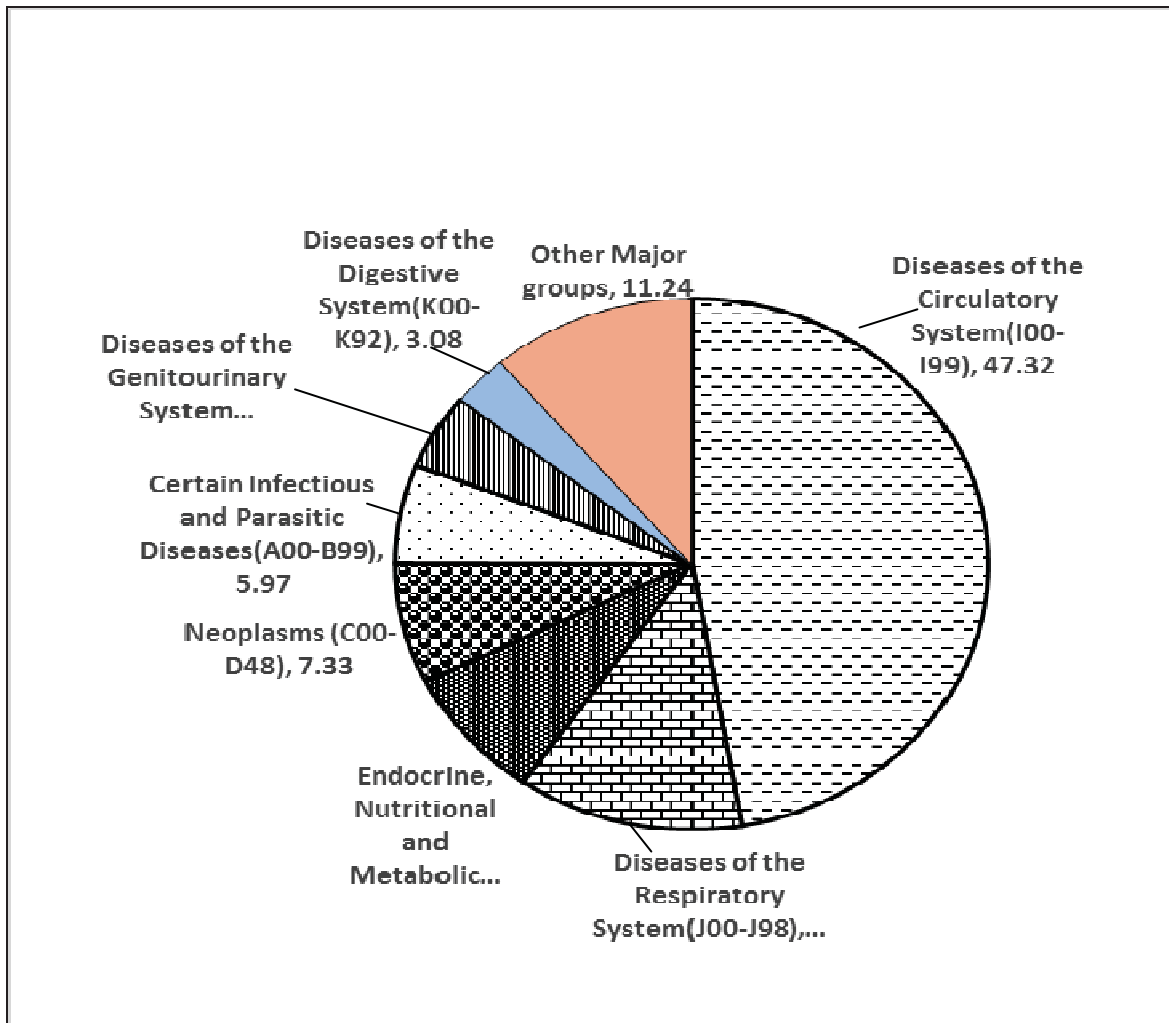
4.10 Old aged Persons 70 years and above: This age group, as expected, has reported the maximum incidence (23.77 per cent) of total medically certified deaths. As high as 21.89 per cent and 27.13 per cent of total male and female medically certified deaths have respectively been reported from this age group. In this age group *'Diseases of the Circulatory System'* alone contribute 47.32 per cent of deaths. *Ischemic Heart Diseases* constitute maximum number (38.00 per cent) of Circulatory system deaths under this age group. The major group of *'Diseases of Respiratory System'* is the second leading cause of death with 12.34 per cent of total deaths under this age group *'Other Lower Respiratory Disorders'* and *'Pnumonia'* are the major constituents of Diseases of Respiratory system with the shares of 41.81 per cent and 19.51 per cent respectively. With the share of 8.10 per cent, *'Endocrine, Nutritional and Metabolic Diseases'* is the third leading cause group of death in this age group. Under this age cause group, *'Diabetes Mellitus'* is the only cause account for about 85.17 per cent deaths (Ref. Table-2). The distribution of mortality in the age group 70 years and above, by major cause group has been presented in **Statement-42 & Chart-31**.

Statement -42
Distribution of Mortality among Old aged persons (70 or above years)
by Major Cause Groups

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System (I00-I99)	9338	45.41	7129	50.08	16467	47.32
2	Diseases of the Respiratory System (J00-J98)	2829	13.76	1466	10.30	4295	12.34
3	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	1448	7.04	1370	9.62	2818	8.10
4	Neoplasms (C00-D48)	1582	7.69	967	6.79	2549	7.33
5	Certain Infectious and Parasitic Diseases(A00-B99)	1370	6.66	709	4.98	2079	5.97
6	Diseases of the Genitourinary System (N00-N99)	1022	4.97	583	4.10	1605	4.61
7	Diseases of the Digestive System (K00-K92)	736	3.58	336	2.36	1072	3.08
	Other Major groups	2239	10.89	1674	11.76	3913	11.24
	Total Medically Certified Deaths in the age group 70 or above Years	20564	100.00	14234	100.00	34798	100.00
	Deaths in the age group 70 or above years as percentage to total Medically certified deaths		21.89		27.13		23.77

CHART – 31

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG OLD AGED PERSONS (70 OR ABOVE YEARS) BY MAJOR CAUSE GROUPS



APPENDICES

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TABLE 1: MEDICALLY CERTIFIED DEATHS BY AGE,SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

KARNATAKA

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	102	192	260	497	967	1576	1734	1522	711	1370	102	9033	
		Female	69	152	242	460	562	624	747	724	379	709	47	4715	
		Total	171	344	502	957	1529	2200	2481	2246	1090	2079	149	13748	
2	NEOPLASMS (C00-D48)	Male	2	46	84	176	270	527	1094	1676	974	1582	115	6546	
		Female	2	35	62	105	216	642	1049	1183	547	967	64	4872	
		Total	4	81	146	281	486	1169	2143	2859	1521	2549	179	11418	
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	Male	0	28	47	68	157	187	211	219	133	205	18	1273	
		Female	0	23	30	134	183	164	160	166	97	229	12	1198	
		Total	0	51	77	202	340	351	371	385	230	434	30	2471	
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	16	20	48	118	317	870	1023	685	1448	74	4619	
		Female	0	27	18	46	84	205	420	770	535	1370	33	3508	
		Total	0	43	38	94	202	522	1290	1793	1220	2818	107	8127	
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	1	19	31	24	10	4	6	0	95	
		Female	0	0	0	3	2	6	4	4	7	2	0	28	
		Total	0	0	0	4	21	37	28	14	11	8	0	123	
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	98	137	120	152	231	361	330	300	97	360	35	2221	
		Female	83	76	128	121	167	142	159	191	104	210	21	1402	
		Total	181	213	248	273	398	503	489	491	201	570	56	3623	
		Male	0	0	0	0	0	0	1	1	0	0	0	2	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
		Total	0	0	0	0	0	1	1	1	0	0	0	3	

TABLE 1: MEDICALLY CERTIFIED DEATHS BY AGE,SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	1	1	2	0	0	3	0	7		
		Female	0	0	0	0	0	1	0	0	0	0	0	1		
		Total	0	0	0	0	1	2	2	0	0	3	0	8		
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	2	14	60	147	970	2490	5004	7022	4194	9338	456	29697		
		Female	8	7	72	112	518	976	2037	3517	2284	7129	213	16873		
		Total	10	21	132	259	1488	3466	7041	10539	6478	16467	669	46570		
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	8	86	90	191	360	756	1151	1598	1068	2829	127	8264		
		Female	4	62	87	182	228	412	518	722	505	1466	46	4232		
		Total	12	148	177	373	588	1168	1669	2320	1573	4295	173	12496		
11	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	Male	0	23	28	163	797	2002	2134	1622	643	736	87	8235		
		Female	0	13	15	79	140	279	332	375	220	336	22	1811		
		Total	0	36	43	242	937	2281	2466	1997	863	1072	109	10046		
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	0	13	31	107	137	201	138	247	22	896		
		Female	0	0	1	13	19	31	33	76	39	132	5	349		
		Total	0	0	1	26	50	138	170	277	177	379	27	1245		
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	Male	0	0	1	7	15	21	42	60	32	52	9	239		
		Female	0	0	0	8	9	14	27	30	22	63	5	178		
		Total	0	0	1	15	24	35	69	90	54	115	14	417		
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	13	22	77	166	337	487	675	425	1022	47	3271		
		Female	0	11	8	62	105	169	292	401	221	583	16	1868		
		Total	0	24	30	139	271	506	779	1076	646	1605	63	5139		

TABLE 1: MEDICALLY CERTIFIED DEATHS BY AGE,SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male Female Total	0 0 0	0 0 0	0 0 0	0 307 307	0 271 271	0 59 59	0 0 0	0 0 0	0 0 0	0 0 0	0 1 1	0 638 638	
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male Female Total	5219 3439 8658	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	
17	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES (Q00-Q99)	Male Female Total	725 461 1186	286 168 454	192 142 334	63 48 111	4 11 15	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 2100	
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)	Male Female Total	0 0 0	7 10 17	16 20 36	57 33 90	93 64 157	137 126 263	253 143 396	310 193 503	204 171 375	707 684 1391	35 27 62	1819 1471 3290	
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES (S00-T98)	Male Female Total	19 5 24	144 86 230	217 181 398	1555 1145 2700	2344 1198 3542	2130 727 2857	2003 677 2680	1547 453 2000	474 162 636	659 354 1013	159 55 214	11251 5043 16294	
20	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male Female Total	19 5 24	144 86 230	217 181 398	1555 1145 2700	2344 1198 3542	2130 727 2857	2003 677 2680	1547 453 2000	474 162 636	659 354 1013	159 55 214	11251 5043 16294	
	ALL CAUSES	MALE FEMALE TOTAL	6175 4071 10246	992 670 1662	1157 1006 2163	3215 2858 6073	6543 3777 10320	10980 4578 15558	15477 6598 22075	17786 8805 26591	9782 5293 15075	20564 14234 34798	1286 567 1853	93957 52457 146414	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL			
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS						
			4	5	6	7	8	9	10	11	12	13	14	15					
1	2	3																	
<i>I</i>	<i>CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)</i>	<i>Male</i>	102	192	260	497	967	1576	1734	1522	711	1370	102	9033					
		<i>Female</i>	69	152	242	460	562	624	747	724	379	709	47	4715					
		<i>Total</i>	171	344	502	957	1529	2200	2481	2246	1090	2079	149	13748					
1	INTESTINAL INFECTIOUS DISEASES(A00-A09)	Male	58	48	21	27	40	74	116	121	77	199	8	789					
		Female	37	28	15	18	31	44	81	98	85	146	3	586					
		Total	95	76	36	45	71	118	197	219	162	345	11	1375					
1	CHOLERA(A00)	Male	0	0	1	0	1	0	0	4	0	0	0	6					
		Female	0	0	0	0	0	0	0	0	0	0	0	0					
		Male	0	0	0	8	1	4	7	8	1	2	0	31					
2	TYPHOID FEVER AND PARATYPHOID FEVERS(A01)	Female	0	0	0	0	6	0	0	6	5	3	0	20					
3	FOOD POISONING(A02,A05)	Male	0	2	1	0	0	1	0	0	0	2	0	6					
		Female	0	0	0	0	0	0	0	0	0	0	0	0					
4	SHIGELLOSIS(A03)	Male	1	0	0	0	3	0	3	2	0	0	0	9					
		Female	0	0	0	0	3	0	0	1	0	2	0	6					
5	AMOEBIASIS(A06)	Male	1	7	6	0	5	1	3	5	1	9	0	38					
		Female	2	3	6	4	0	3	5	2	0	4	0	29					
6	DIARRHOEA AND GASTROENTERITIS OF PRESUMED INFECTIOUS ORIGIN(A09)	Male	56	39	13	19	30	67	103	102	75	186	8	698					
		Female	35	25	9	14	22	41	76	89	80	137	3	531					
7	OTHER INTestinal INFECTIOUS DISEASES(A04,A07-A08)	Male	0	0	0	0	0	1	0	0	0	0	0	1					
		Female	0	0	0	0	0	0	0	0	0	0	0	0					
2	TUBERCULOSIS(A15-A19)	Male	3	23	39	182	558	950	1031	816	373	541	62	4578					
		Female	3	15	27	176	283	267	305	264	107	172	26	1645					
		Total	6	38	66	358	841	1217	1336	1080	480	713	88	6223					

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	RESPIRATORY TUBERCULOSIS(A15-A16)	Male	0	10	25	127	454	772	844	686	317	495	50	3780
		Female	0	7	12	124	189	184	242	192	89	150	19	1208
2	TUBERCULOSIS OF NERVOUS SYSTEM(A17)	Male	3	13	8	39	59	79	106	67	21	17	7	419
		Female	3	7	11	26	34	49	34	31	7	13	4	219
3	TUBERCULOSIS OF OTHER ORGANS AND MILIARY TUBERCULOSIS(A18-A19)	Male	0	0	6	16	45	99	81	63	35	29	5	379
		Female	0	1	4	26	60	34	29	41	11	9	3	218
3	OTHER BACTERIAL DISEASES(A20-A49)	Male	6	43	45	77	134	195	270	342	173	492	13	1790
		Female	10	49	42	95	95	120	167	198	124	327	6	1233
		Total	16	92	87	172	229	315	437	540	297	819	19	3023
1	PLAGUE(A20)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0
2	LEPROSY(A30)	Male	0	0	0	1	0	1	0	5	0	1	0	8
		Female	0	0	0	0	2	0	1	0	2	0	0	5
3	NEONATAL TETANUS(A33)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	1	0	0	0	0	0	0	0	0	0	0	1
4	OTHER TETANUS(A34-A35)	Male	0	3	0	4	1	3	4	7	0	5	0	27
		Female	0	4	2	0	0	1	1	2	5	2	1	18
5	DIPHTHERIA(A36)	Male	2	2	3	0	0	0	0	0	0	0	0	7
		Female	5	2	2	0	0	0	0	0	0	0	0	9
6	WHOOPING COUGH(A37)	Male	4	1	0	0	0	0	0	0	0	0	0	5
		Female	4	2	0	0	0	0	0	0	0	0	0	6
7	MENINGOCOCCAL INFECTION(A39)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
8	SEPTICAEMIA(A40-A41)	Male	0	30	36	56	113	163	251	306	170	478	13	1616		
		Female	0	39	32	93	84	118	158	184	112	324	5	1149		
9	ALL OTHER TYPES OF BACTERIAL DISEASES(A21-A28,A31-A32,A38,A42-A49)	Male	0	7	6	16	20	28	15	24	3	8	0	127		
		Female	0	2	6	2	9	1	7	12	5	1	0	45		
4	INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION(A50-A64)	Male	0	0	0	0	0	0	2	0	2	0	0	4		
		Female	0	0	0	0	0	0	0	0	2	0	0	2		
		Total	0	0	0	0	0	0	2	0	4	0	0	6		
1	SYPHILIS(A50-A53)	Male	0	0	0	0	0	0	2	0	1	0	0	3		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
2	OTHER TYPES OF INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION(A54-A64)	Male	0	0	0	0	0	0	0	0	1	0	0	1		
		Female	0	0	0	0	0	0	0	0	2	0	0	2		
5	VIRAL DISEASES(A70-A74 & A80-B34)	Male	34	71	152	170	211	310	242	201	76	115	17	1599		
		Female	19	54	150	156	127	152	153	129	50	52	12	1054		
		Total	53	125	302	326	338	462	395	330	126	167	29	2653		
1	ACUTE POLIOMYELITIS(A80)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
2	RABIES(A82)	Male	0	1	10	3	14	2	6	2	4	2	1	45		
		Female	0	0	8	2	3	2	0	2	1	1	0	19		
3	JAPANESE ENCEPHALITIS(A83.0)	Male	0	0	2	0	0	0	0	1	0	0	0	3		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
4	OTHER VIRAL ENCEPHALITIS(A83.1-A83.9,A84-A86)	Male	9	18	32	36	35	27	15	27	13	38	2	252		
		Female	1	9	25	36	23	32	9	13	5	10	1	164		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS														TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
5	DENGUE FEVER(A90)	Male	3	14	9	2	1	4	0	4	0	1	0	38			
		Female	1	8	7	1	0	5	2	2	0	1	0	27			
6	OTHER ARTHOPOD-BORNE VIRAL FEVERS AND VIRAL HAEMORRHAGIC FEVERS (A91-A94, A96-A99)	Male	19	32	85	76	76	77	52	62	34	37	5	555			
		Female	17	27	96	52	53	38	76	65	30	20	8	482			
7	SMALLPOX(B03)	Male	0	0	0	0	0	0	0	0	0	0	0	0			
		Female	0	0	0	0	0	0	0	0	0	0	0	0			
8	MEASLES(B05)	Male	0	3	2	0	0	0	0	0	0	0	0	5			
		Female	0	1	2	0	0	0	0	0	0	0	0	3			
9	ACUTE HEPATITIS(B16)	Male	0	0	0	2	5	12	8	24	3	7	5	66			
		Female	0	2	2	2	1	1	0	8	2	4	1	23			
10	OTHER VIRAL HEPATITIS(B15, B17-B19)	Male	0	2	8	28	26	53	74	41	9	20	3	264			
		Female	0	3	3	48	19	19	22	22	6	9	0	151			
11	HUMAN IMMUNODEFICIENCY VIRUS[HIV]DISEASE(B20-B24)	Male	0	0	0	14	51	121	78	33	7	6	1	311			
		Female	0	0	0	9	27	50	36	15	3	3	1	144			
12	ALL OTHER TYPES OF VIRAL DISEASES(A70-A74,A81,A87-A89,A95, B00-B02,B04,B06-B09 & B25-B34)	Male	3	1	4	9	3	14	9	7	6	4	0	60			
		Female	0	4	7	6	1	5	8	2	3	4	1	41			
6	PROTOZOAL DISEASES(B50-B64)	Male	0	2	2	33	16	21	48	22	7	12	0	163			
		Female	0	4	5	12	9	20	13	27	2	6	0	98			
		Total	0	6	7	45	25	41	61	49	9	18	0	261			
1	MALARIA(B50-B54)	Male	0	2	2	30	16	17	37	22	5	12	0	143			
		Female	0	4	5	8	9	20	12	27	1	6	0	92			
2	ALL OTHER TYPES OF PROTOZOAL DISEASES(B55-B64)	Male	0	0	0	3	0	4	11	0	2	0	0	20			
		Female	0	0	0	4	0	0	1	0	1	0	0	6			

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL	
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15
7	OTHER CERTAIN INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES (A65-A69 & A75-A79,B35-B49,B65-B94 & B99)	Male	1	5	1	8	8	26	25	20	3	11	2	110	
		Female	0	2	3	3	17	21	28	8	9	6	0	97	
		Total	1	7	4	11	25	47	53	28	12	17	2	207	
1	FILARIASIS(B74)	Male	0	0	0	0	0	0	0	0	0	0	1	0	1
		Female	0	0	0	0	0	4	0	1	2	0	0	0	7
2	OTHER HELMINTHIASIS(B65-B73,B75,B77-B83)	Male	0	0	0	0	1	0	0	0	0	0	1	0	2
		Female	0	0	0	0	1	0	3	1	0	0	3	0	8
3	OTHER SPIROCHAETAL DISEASES AND RICKETTSIOSES(A65-A69 & A75-A79)	Male	0	4	1	5	2	2	5	2	0	0	3	0	24
		Female	0	2	3	0	4	6	16	3	1	0	0	0	35
4	ALL OTHER INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS PARASITIC DISEASES (B35-B49,B65,B76,B85-B99)	Male	1	1	0	3	5	24	20	18	3	6	2	83	
		Female	0	0	0	3	12	11	9	3	6	3	0	47	
II	NEOPLASMS (C00-D48)	Male	2	46	84	176	270	527	1094	1676	974	1582	115	6546	
		Female	2	35	62	105	216	642	1049	1183	547	967	64	4872	
		Total	4	81	146	281	486	1169	2143	2859	1521	2549	179	11418	
8	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	4	20	75	140	180	80	111	10	620	
		Female	0	0	0	8	2	38	50	70	30	75	4	277	
		Total	0	0	0	12	22	113	190	250	110	186	14	897	
1	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	4	20	75	140	180	80	111	10	620	
		Female	0	0	0	8	2	38	50	70	30	75	4	277	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
			3	5	6	7	8	9	10	11	12	13	14	15		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
9	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS (C15-C26)	Male	0	0	0	8	46	144	419	649	376	627	46	2315		
		Female	0	0	0	3	40	114	235	293	109	278	13	1085		
		Total	0	0	0	11	86	258	654	942	485	905	59	3400		
1	MALIGNANT NEOPLASM OF OESOPHAGUS (C15)	Male	0	0	0	1	5	14	92	153	82	132	13	492		
		Female	0	0	0	0	7	15	37	67	20	62	6	214		
2	MALIGNANT NEOPLASM OF STOMACH (C16)	Male	0	0	0	1	8	32	96	117	67	141	8	470		
		Female	0	0	0	1	3	32	41	58	24	54	1	214		
3	MALIGNANT NEOPLASMS OF SMALL INTESTINE INCLUDING DUODENUM (C17)	Male	0	0	0	0	0	0	2	3	0	1	0	6		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
4	MALIGNANT NEOPLASM OF COLON (C18)	Male	0	0	0	2	5	17	46	64	27	64	4	229		
		Female	0	0	0	0	9	18	23	31	15	43	1	140		
5	MALIGNANT NEOPLASMS OF RECTOSIGMOID JUNCTION,RECTUM,ANUS AND ANAL CANAL(C19-C21)	Male	0	0	0	0	3	15	45	52	34	38	3	190		
		Female	0	0	0	1	4	19	27	29	4	25	3	112		
6	MALIGNANT NEOPLASMS OF LIVER AND INTRAHEPATIC BILE DUCTS (C22)	Male	0	0	0	4	21	34	72	168	104	184	13	600		
		Female	0	0	0	0	12	9	30	38	12	33	1	135		
7	MALIGNANT NEOPLASM OF PANCREAS (C25)	Male	0	0	0	0	0	18	27	53	31	26	3	158		
		Female	0	0	0	0	3	8	43	38	22	38	1	153		
8	OTHER MALIGNANT NEOPLASM OF DIGESTIVE ORGANS (C23-C24,C26)	Male	0	0	0	0	4	14	39	39	31	41	2	170		
		Female	0	0	0	1	2	13	34	32	12	23	0	117		
10	MALIGNANT NEOPLASMS OF RESPIRATORY & INTRATHORACIC ORGANS (C30-C39)	Male	0	0	0	5	12	57	192	382	222	287	21	1178		
		Female	0	0	2	1	8	44	77	79	54	85	8	358		
		Total	0	0	2	6	20	101	269	461	276	372	29	1536		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	MALIGNANT NEOPLASM OF LARYNX (C32)	Male	0	0	0	0	2	10	21	55	39	58	4	189		
		Female	0	0	0	0	0	8	10	2	0	6	2	28		
2	MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG (C33-C34)	Male	0	0	0	3	9	44	166	323	180	225	17	967		
		Female	0	0	0	1	3	35	62	73	52	77	6	309		
3	OTHER MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (C30-C31,C37-C39)	Male	0	0	0	2	1	3	5	4	3	4	0	22		
		Female	0	0	2	0	5	1	5	4	2	2	0	21		
11	MALIGNANT NEOPLASMS OF BONE, MESOTHELIAL AND SOFT TISSUE, SKIN AND BREAST(C40-C50)	Male	0	0	4	15	23	33	31	48	25	29	4	212		
		Female	0	0	8	6	48	153	263	242	111	144	8	983		
		Total	0	0	12	21	71	186	294	290	136	173	12	1195		
1	MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE (C40-C41)	Male	0	0	4	13	12	19	10	18	10	12	1	99		
		Female	0	0	7	5	9	9	5	8	4	9	0	56		
2	MALIGNANT MELANOMA OF SKIN (C43)	Male	0	0	0	0	0	2	3	15	4	5	0	29		
		Female	0	0	0	0	0	1	4	2	0	0	0	7		
3	OTHER MALIGNANT NEOPLASM OF SKIN (C44)	Male	0	0	0	1	1	0	0	0	0	6	0	8		
		Female	0	0	0	0	0	2	1	8	2	0	0	13		
4	MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE (C45-C49)	Male	0	0	0	1	10	12	18	15	11	6	3	76		
		Female	0	0	1	1	6	20	18	12	7	10	1	76		
5	MALIGNANT NEOPLASM OF BREAST (C50)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	33	121	235	212	98	125	7	831		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
12	MALIGNANT NEOPLASMS OF GENITOURINARY ORGANS(C51-C68)	Male	0	0	0	0	1	12	46	106	90	219	9	483		
		Female	0	0	0	3	32	120	223	262	111	221	15	987		
		Total	0	0	0	3	33	132	269	368	201	440	24	1470		
1	MALIGNANT NEOPLASM OF CERVIX UTERI (C53)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	1	13	62	92	112	39	80	6	405		
2	MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED PARTS OF UTERUS (C54-C55)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	1	18	29	37	23	48	2	158		
3	MALIGNANT NEOPLASM OF OVARY (C56)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	2	18	36	90	102	43	74	7	372		
4	MALIGNANT NEOPLASMS OF PLACENTA (C58)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
5	OTHER MALIGNANT NEOPLASM OF FEMALE GENITAL ORGANS (C51-C52,C57)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	2	6	2	0	2	0	12		
6	MALIGNANT NEOPLASM OF PROSTATE (C61)	Male	0	0	0	0	0	0	4	49	45	143	3	244		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
7	OTHER MALIGNANT NEOPLASM OF MALE GENITAL ORGANS (C60-C62,C63)	Male	0	0	0	0	0	8	15	8	5	27	2	65		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
8	MALIGNANT NEOPLASM OF BLADDER (C67)	Male	0	0	0	0	1	4	16	25	28	33	3	110		
		Female	0	0	0	0	0	1	5	6	3	14	0	29		
9	OTHER MALIGNANT NEOPLASM OF URINARY TRACT (C64-C66,C68)	Male	0	0	0	0	0	0	11	24	12	16	1	64		
		Female	0	0	0	0	0	1	1	3	3	3	0	11		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
13	MALIGNANT NEOPLASMS OF EYE,BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM (C69-C72)	Male	0	4	4	1	4	9	5	13	4	5	1	50		
		Female	0	1	1	0	6	3	9	3	0	3	0	26		
		Total	0	5	5	1	10	12	14	16	4	8	1	76		
1	MALIGNANT NEOPLASMS OF EYE & ADNEXA (C69)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	3	0	0	1	0	0	0	4		
2	MALIGNANT NEOPLASMS OF MENINGES,BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM(C70-C72)	Male	0	4	4	1	4	9	5	13	4	5	1	50		
		Female	0	1	1	0	3	3	9	2	0	3	0	22		
14	MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES(C73-C80 & C97)	Male	0	9	11	29	46	71	122	117	76	135	13	629		
		Female	0	4	10	25	12	68	103	105	78	85	9	499		
		Total	0	13	21	54	58	139	225	222	154	220	22	1128		
1	MALIGNANT NEOPLASMS OF OTHER ILL-DEFINED, SECONDARY, UNSPECIFIED AND MULTIPLE SITES(C73-C80 & C97)	Male	0	9	11	29	46	71	122	117	76	135	13	629		
		Female	0	4	10	25	12	68	103	105	78	85	9	499		
15	MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE (C81-C96)	Male	2	33	65	111	113	120	132	167	93	137	11	984		
		Female	2	30	41	57	65	91	74	121	47	69	7	604		
		Total	4	63	106	168	178	211	206	288	140	206	18	1588		
1	HODGKIN'S DISEASE(C81)	Male	0	0	1	10	7	13	15	6	4	8	0	64		
		Female	0	0	0	5	5	6	2	2	0	1	0	21		
2	NON HODGKIN'S LYMPHOMA(C82-C85)	Male	0	0	5	6	35	25	35	35	35	39	4	219		
		Female	0	1	2	3	10	13	18	31	10	30	2	120		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS(C90)	Male	0	3	11	14	10	10	10	9	2	0	0	69		
		Female	0	1	9	5	5	15	6	3	1	1	0	46		
4	LEUKAEMIA(C91-C95)	Male	2	30	46	81	61	72	72	117	52	90	7	630		
		Female	2	27	30	44	45	52	48	84	36	37	5	410		
5	OTHER MALIGNANT NEOPLASMS OF LYMPHOID,HAEMATOPOIETIC AND RELATED TISSUE(C88 & C96)	Male	0	0	2	0	0	0	0	0	0	0	0	2		
		Female	0	1	0	0	0	5	0	1	0	0	0	7		
16	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	0	0	1	0	1		
		Female	0	0	0	0	0	0	0	0	0	1	0	1		
		Total	0	0	0	0	0	0	0	0	0	2	0	2		
1	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	0	0	1	0	1		
		Female	0	0	0	0	0	0	0	0	0	1	0	1		
17	BENIGN NEOPLASMS (D10-D36)	Male	0	0	0	0	0	4	0	3	1	9	0	17		
		Female	0	0	0	0	1	4	0	2	1	2	0	10		
		Total	0	0	0	0	1	8	0	5	2	11	0	27		
1	LEIOMYOMA OF UTERUS (D25)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	2	0	0	0	1	0	3		
2	ALL OTHER BENIGN NEOPLASMS(D10-D24,D26-D36)	Male	0	0	0	0	0	4	0	3	1	9	0	17		
		Female	0	0	0	0	1	2	0	2	1	1	0	7		
18	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	3	5	2	7	11	7	22	0	57		
		Female	0	0	0	2	2	7	15	6	6	4	0	42		
		Total	0	0	0	5	7	9	22	17	13	26	0	99		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	3	5	2	7	11	7	22	0	57		
		Female	0	0	0	2	2	7	15	6	6	4	0	42		
III	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	Male	0	28	47	68	157	187	211	219	133	205	18	1273		
		Female	0	23	30	134	183	164	160	166	97	229	12	1198		
		Total	0	51	77	202	340	351	371	385	230	434	30	2471		
19	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS IMMUNE MECHANISM(D50-D89)	Male	0	28	47	68	157	187	211	219	133	205	18	1273		
		Female	0	23	30	134	183	164	160	166	97	229	12	1198		
		Total	0	51	77	202	340	351	371	385	230	434	30	2471		
1	THALASSAEMIA(D56)	Male	0	7	5	4	0	0	0	0	0	0	0	16		
		Female	0	2	3	3	0	0	0	0	0	0	1	9		
2	OTHER ANAEMIAS(D50-D55,D57-D64)	Male	0	13	30	46	121	147	158	165	101	162	18	961		
		Female	0	17	22	90	143	129	120	147	83	209	9	969		
		Total	0	7	9	17	36	37	50	54	32	41	0	283		
3	ALL OTHER DISEASES OF BLOOD & BLOOD FORMING ORGANS (D65-D77)	Female	0	4	5	39	38	34	40	19	14	20	2	215		
4	CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D80-D89)	Male	0	1	3	1	0	3	3	0	0	2	0	13		
		Female	0	0	0	2	2	1	0	0	0	0	0	5		
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	16	20	48	118	317	870	1023	685	1448	74	4619		
		Female	0	27	18	46	84	205	420	770	535	1370	33	3508		
		Total	0	43	38	94	202	522	1290	1793	1220	2818	107	8127		
20	MALNUTRITION(E40-E46)	Male	0	16	5	1	8	9	11	7	8	26	4	95		
		Female	0	26	2	0	5	7	5	6	5	16	0	72		
		Total	0	42	7	1	13	16	16	13	13	42	4	167		

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SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	KWASHIORKOR(E40)	Male	0	1	0	0	0	1	3	2	0	4	1	12		
		Female	0	5	0	0	0	0	0	2	2	3	0	12		
2	NUTRITIONAL MARASMUS(E41)	Male	0	4	5	1	8	8	8	5	7	20	3	69		
		Female	0	14	2	0	2	6	5	3	3	11	0	46		
3	OTHER PROTEIN-ENERGY MALNUTRITION(E42-E46)	Male	0	11	0	0	0	0	0	0	1	2	0	14		
		Female	0	7	0	0	3	1	0	1	0	2	0	14		
21	ENDOCRINE, OTHER NUTRITIONAL AND METABOLIC DISEASES(E00-E34 & E50-E89)	Male	0	0	15	47	110	308	859	1016	677	1422	70	4524		
		Female	0	1	16	46	79	198	415	764	530	1354	33	3436		
		Total	0	1	31	93	189	506	1274	1780	1207	2776	103	7960		
1	DISORDERS OF THYROID GLAND(E00-E07)	Male	0	0	0	1	13	22	17	35	22	39	4	153		
		Female	0	0	0	13	16	38	51	50	39	91	5	303		
2	DIABETES MELLITUS(E10-E14)	Male	0	0	7	39	70	215	752	884	596	1239	56	3858		
		Female	0	0	11	23	50	128	326	674	450	1161	25	2848		
3	ALL OTHER NUTRITIONAL DEFICIENCIES(E50-E64)	Male	0	0	0	0	2	7	6	5	1	5	3	29		
		Female	0	1	0	0	0	0	1	0	3	4	0	9		
4	ALL OTHER ENDOCRINE AND METABOLIC DISEASES(E15-E34 & E65-E89)	Male	0	0	8	7	25	64	84	92	58	139	7	484		
		Female	0	0	5	10	13	32	37	40	38	98	3	276		
V	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	1	19	31	24	10	4	6	0	95		
		Female	0	0	0	3	2	6	4	4	7	2	0	28		
		Total	0	0	0	4	21	37	28	14	11	8	0	123		
22	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	1	19	31	24	10	4	6	0	95		
		Female	0	0	0	3	2	6	4	4	7	2	0	28		
		Total	0	0	0	4	21	37	28	14	11	8	0	123		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	MENTAL AND BEHAVIOURAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE (F10-F19)	Male	0	0	0	1	16	20	16	9	4	2	0	68		
		Female	0	0	0	0	0	2	0	0	1	0	0	3		
2	SCHIZOPHRENIA, SCHIZOTYPAL & DELUSIONAL DISORDERS(F20-F29)	Male	0	0	0	0	3	10	7	0	0	4	0	24		
		Female	0	0	0	3	2	3	4	3	2	2	0	19		
3	ALL OTHER MENTAL BEHAVIOURAL DISORDERS(F01-F09,F30-F99)	Male	0	0	0	0	0	1	1	1	0	0	0	3		
		Female	0	0	0	0	0	1	0	1	4	0	0	6		
VI	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	98	137	120	152	231	361	330	300	97	360	35	2221		
		Female	83	76	128	121	167	142	159	191	104	210	21	1402		
		Total	181	213	248	273	398	503	489	491	201	570	56	3623		
23	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYTEM(G00-G09)	Male	90	99	75	97	113	185	152	111	23	87	11	1043		
		Female	79	57	89	72	96	85	69	91	44	57	7	746		
		Total	169	156	164	169	209	270	221	202	67	144	18	1789		
1	MENINGITIS(G00 & G03)	Male	62	61	40	27	47	92	71	52	11	27	2	492		
		Female	53	32	37	29	33	49	29	27	20	22	6	337		
2	ENCEPHALITIS,MYELITIS AND ENCEPHALOMYELITIS(G04)	Male	28	37	34	49	47	68	71	48	11	55	8	456		
		Female	26	23	52	23	46	26	33	57	23	33	0	342		
3	OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM((G06,G08-G09)	Male	0	1	1	21	19	25	10	11	1	5	1	95		
		Female	0	2	0	20	17	10	7	7	1	2	1	67		
24	OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G98)	Male	8	38	45	55	118	176	178	189	74	273	24	1178		
		Female	4	19	39	49	71	57	90	100	60	153	14	656		
		Total	12	57	84	104	189	233	268	289	134	426	38	1834		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	ALZHEIMER'S DISEASE(G30)	Male	0	0	0	0	0	0	0	1	1	14	2	18	
		Female	0	0	0	0	0	0	0	0	2	9	0	11	
2	EPILEPSY(G40-G41)	Male	0	22	15	19	35	55	47	23	7	28	4	255	
		Female	0	4	7	25	13	15	9	5	7	12	1	98	
3	ALL OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G25,G31,G35-G37,G43-G98)	Male	8	16	30	36	83	121	131	165	66	231	18	905	
		Female	4	15	32	24	58	42	81	95	51	132	13	547	
VII	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	1	1	0	0	0	2	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
		Total	0	0	0	0	0	1	1	1	0	0	0	3	
25	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	1	1	0	0	0	2	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
		Total	0	0	0	0	0	1	1	1	0	0	0	3	
I	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	1	1	0	0	0	2	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
VIII	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	1	1	2	0	0	3	0	7	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
		Total	0	0	0	0	1	2	2	0	0	3	0	8	
26	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	1	1	2	0	0	3	0	7	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
		Total	0	0	0	0	1	2	2	0	0	3	0	8	
I	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	1	1	2	0	0	3	0	7	
		Female	0	0	0	0	0	1	1	2	0	3	0	7	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
IX	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	2	14	60	147	970	2490	5004	7022	4194	9338	456	29697		
		Female	8	7	72	112	518	976	2037	3517	2284	7129	213	16873		
		Total	10	21	132	259	1488	3466	7041	10539	6478	16467	669	46570		
27	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASES(I00-I09)	Male	2	14	60	144	104	141	153	143	68	70	13	912		
		Female	8	7	72	110	113	141	164	146	65	76	6	908		
		Total	10	21	132	254	217	282	317	289	133	146	19	1820		
1	ACUTE RHEUMATIC FEVER(I00-I02)	Male	2	10	25	42	17	12	13	0	0	6	0	127		
		Female	7	5	36	24	15	7	6	1	0	0	0	101		
2	CHRONIC RHEUMATIC HEART DISEASES(I05-I09)	Male	0	4	35	102	87	129	140	143	68	64	13	785		
		Female	1	2	36	86	98	134	158	145	65	76	6	807		
28	HYPERTENSIVE DISEASES(I10-I15)	Male	0	0	0	0	68	277	771	1206	876	1729	73	5000		
		Female	0	0	0	0	15	138	360	724	483	1509	37	3266		
		Total	0	0	0	0	83	415	1131	1930	1359	3238	110	8266		
1	HYPERTENSIVE HEART DISEASES(I11)	Male	0	0	0	0	3	21	63	65	45	139	8	344		
		Female	0	0	0	0	2	11	31	33	25	79	2	183		
2	ALL OTHER HYPERTENSIVE DISEASES(I10,I12-I15)	Male	0	0	0	0	65	256	708	1141	831	1590	65	4656		
		Female	0	0	0	0	13	127	329	691	458	1430	35	3083		
29	ISCHAEMIC HEART DISEASES(I20-I25)	Male	0	0	0	0	244	775	1915	2725	1546	3599	151	10955		
		Female	0	0	0	0	94	206	559	1150	917	2657	60	5643		
		Total	0	0	0	0	338	981	2474	3875	2463	6256	211	16598		
1	ACUTE MYOCARDIAL INFARCTION(I21-I22)	Male	0	0	0	0	167	478	1140	1400	764	1523	81	5553		
		Female	0	0	0	0	72	104	277	564	494	1231	44	2786		
2	ALL OTHER ISCHAEMIC HEART DISEASES(I20& I23-I25)	Male	0	0	0	0	77	297	775	1325	782	2076	70	5402		
		Female	0	0	0	0	22	102	282	586	423	1426	16	2857		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
30	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART DISEASE(126-151)	<i>Male</i>	0	0	0	3	276	534	961	1218	856	1770	113	5731		
		<i>Female</i>	0	0	0	0	168	222	496	729	387	1327	66	3395		
		Total	0	0	0	3	444	756	1457	1947	1243	3097	179	9126		
1	PULMONARY HEART DISEASES AND DISEASES OF PULMONARY CIRCULATION(126-128)	Male	0	0	0	0	39	99	133	214	113	347	31	976		
		Female	0	0	0	0	35	36	78	139	89	294	29	700		
2	OTHER FORMS OF HEART DISEASES(130-151)	Male	0	0	0	3	237	435	828	1004	743	1423	82	4755		
		Female	0	0	0	0	133	186	418	590	298	1033	37	2695		
31	CEREBROVASCULAR DISEASES(160-169)	<i>Male</i>	0	0	0	0	209	622	1032	1555	761	1995	91	6265		
		<i>Female</i>	0	0	0	0	112	206	383	660	385	1458	40	3244		
		Total	0	0	0	0	321	828	1415	2215	1146	3453	131	9509		
1	CEREBROVASCULAR DISEASES(160-169)	Male	0	0	0	0	209	622	1032	1555	761	1995	91	6265		
		Female	0	0	0	0	112	206	383	660	385	1458	40	3244		
32	OTHER DISEASES OF THE CIRCULATORY SYSTEM(170-199)	<i>Male</i>	0	0	0	0	69	141	172	175	87	175	15	834		
		<i>Female</i>	0	0	0	2	16	63	75	108	47	102	4	417		
		Total	0	0	0	2	85	204	247	283	134	277	19	1251		
1	ATHEROSCLEROSIS(170)	Male	0	0	0	0	18	29	35	49	30	37	3	201		
		Female	0	0	0	0	5	4	24	28	4	15	3	83		
2	ARTERIAL EMBOLISM AND THROMBOSIS(174)	Male	0	0	0	0	19	33	31	21	16	17	1	138		
		Female	0	0	0	2	5	24	15	15	7	13	1	82		
3	OTHER DISEASES OF ARTERIES, ARTERIOLES & CAPILLARIES(171-173 & 177-178)	Male	0	0	0	0	1	14	22	32	19	42	4	134		
		Female	0	0	0	0	5	14	15	25	13	25	0	97		
4	PHLEBITIS, THROMBOPHLEBITIS, VENOUS EMBOLISM AND THROMBOSIS(180-182)	Male	0	0	0	0	20	48	46	36	10	32	1	193		
		Female	0	0	0	0	1	6	9	24	8	27	0	75		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	ALL OTHER DISEASES OF THE CIRCULATORY SYSTEM(I83-I99)	Male	0	0	0	0	11	17	38	37	12	47	6	168		
		Female	0	0	0	0	0	15	12	16	15	22	0	80		
X	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	8	86	90	191	360	756	1151	1598	1068	2829	127	8264		
		Female	4	62	87	182	228	412	518	722	505	1466	46	4232		
		Total	12	148	177	373	588	1168	1669	2320	1573	4295	173	12496		
33	DISEASES OF THE UPPER RESPIRATORY TRACT(J00-J06 & J30-J39)	Male	8	25	7	18	2	5	2	9	3	11	1	91		
		Female	4	12	5	16	3	3	7	4	1	13	0	68		
		Total	12	37	12	34	5	8	9	13	4	24	1	159		
1	ACUTE PHARYNGITIS AND ACUTE TONSILLITIS(J02-J03)	Male	7	12	4	4	0	0	0	1	0	2	1	31		
		Female	1	9	2	7	0	1	1	0	0	1	0	22		
2	ACUTE LARYNGITIS AND TRACHEITIS(J04)	Male	0	11	1	2	0	0	0	0	0	2	0	16		
		Female	0	2	1	3	0	0	0	0	0	1	0	7		
3	OTHER ACUTE UPPER RESPIRATORY INFECTIONS(J00-J01 & J05-J06)	Male	1	2	0	11	0	0	0	0	0	0	0	14		
		Female	3	1	1	5	0	0	0	0	0	0	0	10		
4	ALL OTHER DISEASES OF UPPER RESPIRATORY TRACT(J30-J39)	Male	0	0	2	1	2	5	2	8	3	7	0	30		
		Female	0	0	1	1	3	2	6	4	1	11	0	29		
34	LOWER RESPIRATORY DISEASES(J20-J22 & J40-J47)	Male	0	0	14	14	72	194	484	808	615	1750	65	4016		
		Female	0	1	11	20	46	100	175	314	233	780	21	1701		
		Total	0	1	25	34	118	294	659	1122	848	2530	86	5717		
1	ACUTE BRONCHITIS AND ACUTE BRONCHIOLITIS(J20-J21)	Male	0	0	0	0	0	0	0	0	1	1	0	2		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS														TOTAL		
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS						
			4	5	6	7	8	9	10	11	12	13	14	15					
1	2	3																	
2	BRONCHITIS, CHRONIC AND UNSPECIFIED EMPHYSEMA(J40-J43)	Male	0	0	0	2	6	15	19	44	40	94	6	226					
		Female	0	0	0	0	3	14	6	19	21	50	5	118					
3	ASTHMA(J45-J46)	Male	0	0	0	1	23	37	76	137	131	358	6	769					
		Female	0	0	0	0	25	26	54	91	75	231	7	509					
4	OTHER LOWER RESPIRATORY DISORDERS(J22,J44 & J47)	Male	0	0	14	11	43	142	389	627	443	1297	53	3019					
		Female	0	1	11	20	18	60	115	204	137	499	9	1074					
35	OTHER DISEASES OF THE RESPIRATORY SYSTEM(J10-J18,J60-J98)	Male	0	61	69	159	286	557	665	781	450	1068	61	4157					
		Female	0	49	71	146	179	309	336	404	271	673	25	2463					
		Total	0	110	140	305	465	866	1001	1185	721	1741	86	6620					
1	INFLUENZA(J10-J11)	Male	0	0	0	1	8	4	7	7	7	6	2	42					
		Female	0	0	0	8	8	1	11	6	2	1	0	37					
2	PNEUMONIA(J12-J18)	Male	0	42	37	63	124	254	295	358	175	508	24	1880					
		Female	0	22	39	68	92	180	180	192	143	330	15	1261					
3	PLEURISY(J90)	Male	0	0	1	8	15	49	41	45	32	66	7	264					
		Female	0	0	0	2	7	20	18	36	22	23	1	129					
4	ALL OTHER DISEASES OF THE RESPIRATORY SYSTEM(J60-J86,J92-J98)	Male	0	19	31	87	139	250	322	371	236	488	28	1971					
		Female	0	27	32	68	72	108	127	170	104	319	9	1036					
XI	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0	23	28	163	797	2002	2134	1622	643	736	87	8235					
		Female	0	13	15	79	140	279	332	375	220	336	22	1811					
		Total	0	36	43	242	937	2281	2466	1997	863	1072	109	10046					
36	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	1	1	2	4	9	10	4	7	0	38					
		Female	0	0	2	2	0	4	0	1	0	4	0	13					
		Total	0	0	3	3	2	8	9	11	4	11	0	51					

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	1	1	2	4	9	10	4	7	0	0	38	
		Female	0	0	2	2	0	4	0	1	0	4	0	13		
37	DISEASES OF THE OTHER PARTS OF DIGESTIVE SYSTEM(K20-K92)	Male	0	23	27	162	795	1998	2125	1612	639	729	87	8197		
		Female	0	13	13	77	140	275	332	374	220	332	22	1798		
		Total	0	36	40	239	935	2273	2457	1986	859	1061	109	9995		
1	GASTRIC AND DUODENAL ULCER(K25-K27)	Male	0	0	0	0	3	7	6	16	10	29	4	75		
		Female	0	0	0	8	2	1	5	4	4	12	2	38		
2	GASTRITIS AND DUODENITIS (K29)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
3	DISEASES OF APPENDIX(K35-K38)	Male	0	0	2	7	7	16	34	36	30	37	2	171		
		Female	0	0	3	1	3	7	12	7	3	14	2	52		
4	HERNIA(K40-K46)	Male	0	0	0	1	0	11	4	10	6	20	0	52		
		Female	0	0	0	0	4	7	3	4	4	9	0	31		
5	PARALYTIC ILEUS AND INTESTINAL OBSTRUCTION WITHOUT HERNIA(K56)	Male	0	0	0	2	6	10	24	28	3	24	1	98		
		Female	0	0	0	3	3	16	14	17	7	28	2	90		
6	PERITONITIS(K65)	Male	0	0	1	19	51	75	84	98	46	38	10	422		
		Female	0	0	0	9	8	26	30	36	25	25	5	164		
7	DISEASES OF THE LIVER(K70-K76)	Male	0	23	24	76	567	1643	1662	1174	413	400	61	6043		
		Female	0	12	10	25	70	157	196	223	135	165	8	1001		
8	CHOLELITHIASIS AND CHOLECYSTITIS(K80-K81)	Male	0	0	0	1	3	5	2	19	12	24	0	66		
		Female	0	0	0	1	2	4	10	10	8	11	0	46		
9	DISORDERS OF THE PANCREAS(K85-K86)	Male	0	0	0	34	102	124	133	76	30	30	1	530		
		Female	0	0	0	10	17	17	13	16	9	19	0	101		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
10	ALL OTHER DISEASES OF THE OTHER PARTS OF DIGESTIVE SYSTEM(K20-K22,K28, K30-K31,K50-K55,K57-K63,K66,K82-K83 & K90-K92)	Male	0	0	0	22	56	107	176	155	89	127	8	740		
		Female	0	1	0	20	31	40	49	57	25	49	3	275		
XII	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	0	13	31	107	137	201	138	247	22	896		
		Female	0	0	1	13	19	31	33	76	39	132	5	349		
		Total	0	0	1	26	50	138	170	277	177	379	27	1245		
38	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	0	13	31	107	137	201	138	247	22	896		
		Female	0	0	1	13	19	31	33	76	39	132	5	349		
		Total	0	0	1	26	50	138	170	277	177	379	27	1245		
1	INFECTIONS OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L08)	Male	0	0	0	1	27	88	106	173	129	214	15	753		
		Female	0	0	0	5	4	13	28	63	30	99	2	244		
2	ALL OTHER DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L10-L98)	Male	0	0	0	12	4	19	31	28	9	33	7	143		
		Female	0	0	1	8	15	18	5	13	9	33	3	105		
XIII	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0	0	1	7	15	21	42	60	32	52	9	239		
		Female	0	0	0	8	9	14	27	30	22	63	5	178		
		Total	0	0	1	15	24	35	69	90	54	115	14	417		
39	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0	0	1	7	15	21	42	60	32	52	9	239		
		Female	0	0	0	8	9	14	27	30	22	63	5	178		
		Total	0	0	1	15	24	35	69	90	54	115	14	417		
1	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHRITIS(M05-M13)	Male	0	0	1	0	2	6	5	13	12	12	1	52		
		Female	0	0	0	1	3	3	7	12	9	33	3	71		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	OSTEOMYELITIS(M86)	Male	0	0	0	0	0	1	1	0	5	2	2	11		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
		Male	0	0	0	7	13	14	36	47	15	38	6	176		
3	ALL OTHER DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M02,M15-M43, M45-M85,M87-M99)	Female	0	0	0	7	6	11	20	18	13	30	2	107		
XIV	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	13	22	77	166	337	487	675	425	1022	47	3271		
		Female	0	11	8	62	105	169	292	401	221	583	16	1868		
		Total	0	24	30	139	271	506	779	1076	646	1605	63	5139		
40	DISEASES OF URINARY SYSTEM(N00-N39)	Male	0	13	22	77	160	329	471	649	403	961	44	3129		
		Female	0	11	8	62	98	166	287	390	215	575	15	1827		
		Total	0	24	30	139	258	495	758	1039	618	1536	59	4956		
1	GLOMERULAR DISEASES(INCLUDING NEPHRITIC SYNDROME)(N00-N07)	Male	0	13	15	7	2	4	3	11	1	3	0	59		
		Female	0	11	8	4	4	7	3	3	1	2	0	43		
2	RENAL TUBULO-INTERSTITIAL DISEASES(N10-N15)	Male	0	0	2	4	8	6	7	32	16	19	1	95		
		Female	0	0	0	12	11	8	18	19	8	17	0	93		
3	RENAL FAILURE(N17-N19)	Male	0	0	5	39	89	201	244	330	243	487	19	1657		
		Female	0	0	0	27	47	75	157	220	123	296	11	956		
4	UROLITHIASIS(N20-N23)	Male	0	0	0	3	9	4	13	11	11	10	0	61		
		Female	0	0	0	4	1	2	8	4	2	16	0	37		
5	OTHER DISORDERS OF KIDNEY AND URETER(N25-N28)	Male	0	0	0	18	41	94	147	181	78	235	14	808		
		Female	0	0	0	13	26	36	54	66	48	104	1	348		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	ALL OTHER DISEASES OF URINARY SYSTEM(N30-N39)	Male	0	0	0	6	11	20	57	84	54	207	10	449		
		Female	0	0	0	2	9	38	47	78	33	140	3	350		
41	OTHER DISEASES OF THE GENITOURINARY SYSTEM(N40-N99)	Male	0	0	0	0	6	8	16	26	22	61	3	142		
		Female	0	0	0	0	7	3	5	11	6	8	1	41		
		Total	0	0	0	0	13	11	21	37	28	69	4	183		
1	HYPERPLASIA OF PROSTATE(N40)	Male	0	0	0	0	0	0	1	5	6	21	2	35		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
2	ALL OTHER DISEASES OF MALE GENITAL ORGANS(N41-N50)	Male	0	0	0	0	6	8	15	21	16	40	1	107		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
3	SALPINGITIS AND OOPHORITIS(N70)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	1	0	0	1		
4	ALL OTHER DISEASES OF FEMALE GENITAL ORGANS(N60-N64,N71-N76,N80-N99)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	7	3	5	11	5	8	1	40		
XV	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Female	0	0	0	307	271	59	0	0	0	0	1	638		
		Total	0	0	0	307	271	59	0	0	0	0	1	638		
42	PREGNANCY WITH ABORTIVE OUTCOME (O00-O08)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	19	10	10	0	0	0	0	1	40		
		Total	0	0	0	19	10	10	0	0	0	0	1	40		
1	SPONTANEOUS ABORTION (O03)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
2	MEDICAL ABORTION(O04)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	OTHER PREGNANCIES WITH ABORTIVE OUTCOME(O00-O02 & O05-O08)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	19	10	10	0	0	0	0	1	40		
43	OTHER DIRECT OBSTETRIC DEATHS (O10-O92)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	284	255	49	0	0	0	0	0	588		
		Total	0	0	0	284	255	49	0	0	0	0	0	588		
1	OEDEMA,PROTEINURIA AND HYPERTENSIVE DISORDERS IN PREGNANCY,CHILD BIRTH AND PUERPERIUM(O10-O16)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	73	51	16	0	0	0	0	0	140		
2	INFECTIONS OF GENITOURINARY TRACT IN PREGNANCY(O23)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
3	OBSTRUCTED LABOUR(O64-O66)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	2	1	0	0	0	0	0	0	3		
4	COMPLICATIONS PRE-DOMINANTLY RELATED TO THE PUERPERIUM(O85-O92)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	76	113	22	0	0	0	0	0	211		
5	OTHER COMPLICATIONS OF PREGNANCY AND DELIVERY(O20-O22,O24-O63,O67-O75, O80-O84)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	133	90	11	0	0	0	0	0	234		
44	OTHER OBSTETRIC CONDITIONS,NOT ELSEWHERE CLASSIFIED(O95-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	4	6	0	0	0	0	0	0	10		
		Total	0	0	0	4	6	0	0	0	0	0	0	10		
1	INDIRECT OBSTETRIC DEATHS(O98-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	4	5	0	0	0	0	0	0	9		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	ALL OTHER OBSTETRIC CONDITIONS,NOT ELSEWHERE CLASSIFIED (O95-O97)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	1	0	0	0	0	0	0	1		
XVI	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	5219	0	0	0	0	0	0	0	0	0	0	5219		
		Female	3439	0	0	0	0	0	0	0	0	0	0	3439		
		Total	8658	0	0	0	0	0	0	0	0	0	0	8658		
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	Male	5219	0	0	0	0	0	0	0	0	0	0	5219		
		Female	3439	0	0	0	0	0	0	0	0	0	0	3439		
		Total	8658	0	0	0	0	0	0	0	0	0	0	8658		
1	SLOW FETAL GROWTH,FETAL MALNUTRITION AND IMMATUREITY (P05-P07)	Male	2054	0	0	0	0	0	0	0	0	0	0	2054		
		Female	1310	0	0	0	0	0	0	0	0	0	0	1310		
2	BIRTH TRAUMA(P10-P15)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
3	HYPOXIA,BIRTH ASPHYXIA AND OTHER RESPIRATORY CONDITIONS(P20-P28)	Male	2167	0	0	0	0	0	0	0	0	0	0	2167		
		Female	1399	0	0	0	0	0	0	0	0	0	0	1399		
4	HAEMOLYTIC DISEASE OF FETUS AND NEW-BORN (P55)	Male	1	0	0	0	0	0	0	0	0	0	0	1		
		Female	2	0	0	0	0	0	0	0	0	0	0	2		
5	OTHER PERINATAL JAUNDICE(P58-P59)	Male	24	0	0	0	0	0	0	0	0	0	0	24		
		Female	23	0	0	0	0	0	0	0	0	0	0	23		
		Male	973	0	0	0	0	0	0	0	0	0	0	973		
6	ALL OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P04,P08,P29-P54 ,P56-P57,P60-P96)	Female	705	0	0	0	0	0	0	0	0	0	0	705		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
XVII	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	725	286	192	63	4	0	0	0	0	0	0	0	1270
		Female	461	168	142	48	11	0	0	0	0	0	0	0	830
		Total	1186	454	334	111	15	0	0	0	0	0	0	0	2100
		<i>Male</i>	725	286	192	63	4	0	0	0	0	0	0	0	0
46	<i>MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)</i>	<i>Female</i>	461	168	142	48	11	0	0	0	0	0	0	0	830
		<i>Total</i>	1186	454	334	111	15	0	0	0	0	0	0	0	2100
1	SPINA BIFIDA(Q05)	Male	7	3	2	2	0	0	0	0	0	0	0	0	14
		Female	3	1	6	0	0	0	0	0	0	0	0	0	10
2	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM(Q20-Q28)	Male	468	130	105	26	0	0	0	0	0	0	0	0	729
		Female	302	111	76	12	0	0	0	0	0	0	0	0	501
3	CLEFT LIP AND CLEFT PALATE(Q35-Q37)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0
4	ALL OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES ELSEWHERE CLASSIFIED(Q00-Q04, Q06-Q07, Q10-Q18, Q30-Q34, Q38-Q99)	Male	250	153	85	35	4	0	0	0	0	0	0	0	527
		Female	156	56	60	36	11	0	0	0	0	0	0	0	319
XVIII	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)	Male	0	7	16	57	93	137	253	310	204	707	35	1819	
		Female	0	10	20	33	64	126	143	193	171	684	27	1471	
		Total	0	17	36	90	157	263	396	503	375	1391	62	3290	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
47	<i>SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)</i>	<i>Male</i>	0	7	16	57	93	137	253	310	204	707	35	1819		
		<i>Female</i>	0	10	20	33	64	126	143	193	171	684	27	1471		
		<i>Total</i>	0	17	36	90	157	263	396	503	375	1391	62	3290		
1	ABDOMINAL AND PELVIC PAIN(R10)	Male	0	0	0	0	1	0	0	0	2	1	0	4		
		Female	0	0	1	2	0	0	0	1	1	4	0	9		
2	ASCITES(R18)	Male	0	0	0	0	0	1	2	0	0	0	0	3		
		Female	0	0	0	0	0	6	0	1	0	0	0	7		
3	SOMNOLENCE, STUPOR AND COMA(R40)	Male	0	0	0	0	0	2	0	0	0	3	0	5		
		Female	0	0	0	0	0	0	0	1	0	0	0	1		
4	FEVER OF UNKNOWN ORIGIN(R50)	Male	0	0	0	1	2	8	11	2	1	4	0	29		
		Female	0	0	1	0	0	4	1	4	1	8	4	23		
5	SENILITY(R54)	Male	0	0	0	0	0	0	0	0	6	101	1	108		
		Female	0	0	0	0	0	0	0	0	4	128	1	133		
6	SYNCOPE AND COLLAPSE(R55)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
7	CONVULSIONS, NOT ELSEWHERE CLASSIFIED(R56)	Male	0	0	0	5	13	17	10	12	8	10	1	76		
		Female	0	0	6	1	5	4	8	6	1	4	1	36		
8	SHOCK, NOT ELSEWHERE CLASSIFIED(R57)	Male	0	1	0	3	6	9	6	4	6	15	1	51		
		Female	0	0	0	1	9	6	2	4	8	6	1	37		
9	ALL OTHER SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R00-R09,R11-R17,R19-R39,R41-R49,R51-R53,R58-R99)	Male	0	6	16	48	71	100	224	292	181	573	32	1543		
		Female	0	10	12	29	50	106	132	176	156	534	20	1225		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL			
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS						
			4	5	6	7	8	9	10	11	12	13	14	15					
1	2	3																	
XIX	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	19	144	217	1555	2344	2130	2003	1547	474	659	159	11251					
		Female	5	86	181	1145	1198	727	677	453	162	354	55	5043					
		Total	24	230	398	2700	3542	2857	2680	2000	636	1013	214	16294					
48	FRACTURES(S02,S12,S22,S32,S42,S52,S62,S72,S82,S92,T10,T12,T02,T08)	Male	0	13	3	66	144	59	84	68	33	35	4	509					
		Female	0	0	4	9	18	11	6	24	8	28	3	111					
		Total	0	13	7	75	162	70	90	92	41	63	7	620					
1	FRACTURE OF SKULL AND FACIAL BONES(S02)	Male	0	0	1	1	1	1	2	0	0	1	0	7					
		Female	0	0	0	0	0	0	0	0	0	0	0	0					
2	FRACTURE OF NECK, THORAX OR PELVIS(S12,S22,S32 & T08)	Male	0	0	0	3	6	3	4	4	2	7	0	29					
		Female	0	0	0	1	2	2	0	0	1	8	0	14					
3	FRACTURE OF UPPER LIMB(S42,S52,S62 & T10)	Male	0	0	0	0	0	0	0	0	0	0	0	0					
		Female	0	0	0	0	0	0	0	0	0	1	0	1					
4	FRACTURE OF LOWER LIMB(S72,S82,S92 & T12)	Male	0	0	0	1	9	3	6	9	3	8	1	40					
		Female	0	0	0	2	3	0	2	2	0	9	0	18					
5	FRACTURES INVOLVING MULTIPLE BODY REGIONS, AND OF UNSPECIFIED BODY REGION(T02)	Male	0	13	2	61	128	52	72	55	28	19	3	433					
		Female	0	0	4	6	13	9	4	22	7	10	3	78					
49	DISLOCATIONS,SPRAINS AND STRAINS OF SPECIFIED AND MULTIPLE BODY REGIONS (S03,S13,S23,S33,S43,S53,S63,S73,S83,S93,T03)	Male	1	0	1	34	31	32	24	18	19	11	0	171					
		Female	0	0	0	0	2	12	9	8	4	3	1	39					
		Total	1	0	1	34	33	44	33	26	23	14	1	210					

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
			3	5	6	7	8	9	10	11	12	13	14	15		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
50	INTRACRANIAL AND INTERNAL INJURIES INCLUDING NERVES(S04,S06,S14 S26-S27,S34,S36-S37,S44,S54,S64,S74,S84 & S94)	Male	1	9	18	180	262	276	260	207	55	82	22	1372		
		Female	0	9	9	29	41	47	71	44	14	23	3	290		
		Total	1	18	27	209	303	323	331	251	69	105	25	1662		
51	CRUSHING INJURIES AND TRAUMATIC AMPUTATIONS OF SPECIFIED AND MULTIPLE BODY(S07-S08,S17-S18,S28,S38,S47-S48,S57,S77-S78,S87-S88,S97-S98,T04-T05)	Male	0	0	0	3	9	14	16	16	3	4	1	66		
		Female	0	0	0	0	7	5	0	5	0	1	0	18		
		Total	0	0	0	3	16	19	16	21	3	5	1	84		
52	OTHER INJURIES OF SPECIFIED, UNSPECIFIED AND MULTIPLE BODY REGIONS (S00-S01,S05,S09-S11,S15-S16,S19-S21,S25,S29-S31,S35,S39-S41,S45-S46,S49-S51,S55-S56,S59-S61, S65-S66,S69-S71,S75-S76,S79-S81,S85-S86,S89-S91,S95-S96,S99,T00-T01,T06-T07,T09,T11 & T13-T14)	Male	13	53	115	603	906	822	813	693	214	299	58	4589		
		Female	3	32	42	106	147	130	200	146	83	137	11	1037		
		Total	16	85	157	709	1053	952	1013	839	297	436	69	5626		
53	EFFECTS OF FOREIGN BODY ENTERING THROUGH NATURAL ORIFICE(T15-T19)	Male	0	0	1	0	0	1	0	1	0	0	0	3		
		Female	0	0	0	0	0	0	0	1	0	0	0	1		
		Total	0	0	1	0	0	1	0	2	0	0	0	4		
54	BURNS AND CORROSIONS(T20-T32)	Male	1	49	34	178	275	240	183	113	30	32	14	1149		
		Female	1	33	74	501	647	294	156	105	20	98	14	1943		
		Total	2	82	108	679	922	534	339	218	50	130	28	3092		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	
55	POISONINGS BY DRUGS AND BIOLOGICAL SUBSTANCES, AND TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL AS TO SOURCE(T36-T50, T51-T65)	Male	2	14	37	427	645	633	592	409	105	188	52	3104		
		Female	1	11	45	420	301	215	225	110	31	61	18	1438		
		Total	3	25	82	847	946	848	817	519	136	249	70	4542		
56	OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES AND CERTAIN EARLY COMPLICATIONS OF TRAUMA (T33-T35, T66-T78 & T79)	Male	1	6	8	63	68	48	29	20	15	6	8	272		
		Female	0	1	7	79	35	13	7	10	2	3	5	162		
		Total	1	7	15	142	103	61	36	30	17	9	13	434		
57	COMPLICATIONS OF SURGICAL AND MEDICAL CARE NOT ELSEWHERE CLASSIFIED(T80-T88)	Male	0	0	0	0	3	5	1	2	0	2	0	13		
		Female	0	0	0	0	0	0	3	0	0	0	0	3		
		Total	0	0	0	0	3	5	4	2	0	2	0	16		
58	LATE EFFECTS OF INJURIES, OF POISONING AND OF OTHER CONSEQUENCES OF EXTERNAL CAUSES(T90-T98)	Male	0	0	0	1	1	0	1	0	0	0	0	3		
		Female	0	0	0	1	0	0	0	0	0	0	0	1		
		Total	0	0	0	2	1	0	1	0	0	0	0	4		
XX	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male	19	144	217	1555	2344	2130	2003	1547	474	659	159	11251		
		Female	5	86	181	1145	1198	727	677	453	162	354	55	5043		
		Total	24	230	398	2700	3542	2857	2680	2000	636	1013	214	16294		
E48	TRANSPORT ACCIDENTS(V01-V99)	Male	2	58	92	619	977	921	855	708	250	282	67	4831		
		Female	3	31	56	103	162	145	196	139	84	138	11	1068		
		Total	5	89	148	722	1139	1066	1051	847	334	420	78	5899		
1	RAILWAY ACCIDENTS(V05, V15, V80.6, V81)	Male	0	1	0	0	5	4	2	1	0	0	0	13		
		Female	0	0	0	0	0	1	1	0	0	0	0	2		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	MOTOR VEHICLE TRAFFIC ACCIDENTS(V02-V04;V09.2-V09.3,V12-V14,V20-V29, V30-V39 V50-V59,V60-V69,V70-V79,V80.3-V80.5,V82.1,V87.0-V87.5&V87.7-V87.8, V88.0-V88.5 &V89.2)	Male	2	57	92	616	959	893	832	693	247	279	64	4734		
		Female	3	31	55	96	161	142	191	135	84	134	11	1043		
3	OTHER ROAD VEHICLE ACCIDENTS(V01,V06,V09.0-V09.1,V10-V11,V16-V18,V80.0-V80.5, V88.7-V88.9 & V89.0-V89.1)	Male	0	0	0	0	2	2	0	0	0	0	0	4		
		Female	0	0	0	0	0	0	0	1	0	0	0	1		
4	WATER TRANSPORT ACCIDENTS(V90-V94)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
5	AIR AND SPACE TRANSPORT ACCIDENTS(V95-V97)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
6	ALL OTHER TRANSPORT ACCIDENTS(V09.1,V09.9,V19.0-V19,V29.0-V29.3,V49.3, V59.0-V59.3,V69.0-V69.3,V79.0-V79.3,V82,V82.8,V83-V86,V88.0-V88.5, V88.7-V88.9,V89.0,V89.3,V89.9 & V98-V99)	Male	0	0	0	3	11	22	21	14	3	3	3	80		
		Female	0	0	1	7	1	2	4	3	0	4	0	22		
E49	ACCIDENTAL FALLS(W00-W19)	Male	12	18	16	25	32	35	49	34	7	35	5	268		
		Female	1	11	0	4	6	5	6	12	8	17	2	72		
E50	ACCIDENTAL DROWING AND SUBMERSION(W65-W74)	Total	13	29	16	29	38	40	55	46	15	52	7	340		
		Male	1	5	2	5	1	5	1	0	2	1	0	23		
E50	ACCIDENTAL DROWING AND SUBMERSION(W65-W74)	Female	0	1	2	2	2	1	1	0	2	0	0	11		
		Total	1	6	4	7	3	6	2	0	4	1	0	34		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<i>E51</i>	<i>EXPOSURE TO SMOKE, FIRE AND FLAMES(X00-X09)</i>	<i>Male</i>	1	47	34	155	223	217	150	92	30	35	12	996		
		<i>Female</i>	1	33	59	423	548	256	133	95	18	91	12	1669		
		<i>Total</i>	2	80	93	578	771	473	283	187	48	126	24	2665		
E52	ACCIDENTAL POISONING BY AND EXPOSURE TO NOXIOUS SUBSTANCES(X40-X49)	Male	1	3	4	89	131	105	132	89	27	31	12	624		
		Female	0	5	16	84	43	29	34	16	3	12	1	243		
		Total	1	8	20	173	174	134	166	105	30	43	13	867		
<i>E53</i>	<i>INTENTIONAL SELF-HARM(SUICIDE-ATTEMPTED)(X60-X84)</i>	<i>Male</i>	0	0	5	358	558	526	442	299	81	129	40	2438		
		<i>Female</i>	0	0	10	469	336	197	167	81	16	35	21	1332		
		<i>Total</i>	0	0	15	827	894	723	609	380	97	164	61	3770		
E54	ASSAULT(HOMICIDE)(X85-Y09)	Male	0	0	7	20	63	31	28	32	6	9	1	197		
		Female	0	1	0	6	14	9	14	9	1	3	0	57		
		Total	0	1	7	26	77	40	42	41	7	12	1	254		
<i>E55</i>	<i>OTHER VIOLENCE(Y10-Y36)</i>	<i>Male</i>	0	0	1	2	3	5	5	3	1	2	1	23		
		<i>Female</i>	0	0	1	0	3	2	1	0	0	0	0	7		
		Total	0	0	2	2	6	7	6	3	1	2	1	30		
1	EVENT OF UNDERTERMINED INTENT(Y10-Y34)	Male	0	0	1	2	3	5	5	3	1	2	1	23		
		Female	0	0	1	0	3	2	1	0	0	0	0	7		
2	LEGAL INTERVENTION(Y35)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
3	OPERATIONS OF WAR(Y36)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
<i>E56</i>	<i>COMPLICATIONS OF MEDICAL AND SURGICAL CARE(Y40-Y84)</i>	<i>Male</i>	0	0	0	0	0	2	0	0	0	0	0	2		
		<i>Female</i>	0	0	0	0	1	3	2	0	0	0	0	6		
		Total	0	0	0	0	1	5	2	0	0	0	0	8		

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL			
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS						
			4	5	6	7	8	9	10	11	12	13	14	15					
1	2	3																	
1	DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS	Male	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
		Female	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	MISADVENTURES DURING SURGICAL AND MEDICAL CARE, ADVERSE INCIDENTS IN	Male	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
2	DIAGNOSTIC AND THERAPEUTIC USE, ABNORMAL REACTIONS AND LATE COMPLICATIONS(Y60-Y69, Y70-Y82 & Y83-Y84)	Female	0	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5
E57	OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY, NOT ELSEWHERE CLASSIFIED (W20-W64, W75-W99, X10-X39, X50-X59)	Male	2	13	56	282	356	283	341	290	70	135	21	1849					
		Female	0	4	37	54	83	79	123	101	30	58	8	577					
		Total	2	17	93	336	439	362	464	391	100	193	29	2426					
1	ACCIDENTS CAUSED BY MACHINERY, AND BY CUTTING PIERCING INSTRUMENTS(W24-W31)	Male	1	0	0	0	0	0	0	0	0	2	0	3					
		Female	0	0	0	0	0	0	0	0	0	0	0	0					
2	ACCIDENTS CAUSED BY FIREARM MISSILE(W32-W34)	Male	0	0	0	0	0	0	0	0	0	0	0	0					
		Female	0	0	0	0	0	0	0	0	0	0	0	0					
3	BITES OF SNAKES AND OTHER VENOMOUS ANIMALS(X20-X27)	Male	0	6	23	23	48	48	52	42	5	30	6	283					
		Female	0	0	13	15	28	30	47	24	15	25	3	200					
4	SUN STROKE(X32)	Male	0	0	0	0	0	0	0	0	0	0	0	0					
		Female	0	0	0	0	0	0	0	0	0	0	0	0					

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

STATE: KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	ALL OTHER ACCIDENTS INCLUDING LATE EFFECTS(W20-W23,W35-W64,W75-W99	Male	1	7	33	259	308	235	289	248	65	103	15	1563		
	X10-X19,X28-X29,X30-X31,X33-X39 & X50-X59)	Female	0	4	24	39	55	49	76	77	15	33	5	377		
E58	LATE EFFECTS OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(Y85-Y89)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	1	0	0	0	0	0	1		
		Total	0	0	0	0	0	1	0	0	0	0	0	1		
	ALL CAUSES	MALE	6175	992	1157	3215	6543	10980	15477	17786	9782	20564	1286	93957		
		FEMALE	4071	670	1006	2858	3777	4578	6598	8805	5293	14234	567	52457		
		TOTAL	10246	1662	2163	6073	10320	15558	22075	26591	15075	34798	1853	146414		

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2007-2015												
Major Group No.	Cause of Death	Sex	YEAR									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	
1	2	3	4	5	6	7	8	9	10	11	12	
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	M	8512	8183	8317	8876	8477	8528	9510	8989	9033	
		F	4152	4365	4646	5024	4689	5057	4998	4517	4715	
		T	12664	12548	12963	13900	13166	13585	14508	13506	13748	
2	NEOPLASMS (C00-D48)	M	3291	4117	4594	4367	4366	4545	5525	6214	6546	
		F	2238	2940	3219	3200	3213	3239	4055	4692	4872	
		T	5529	7057	7813	7567	7579	7784	9580	10906	11418	
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	M	885	999	1005	1018	1097	1120	1222	1253	1273	
		F	916	1024	1049	973	912	893	1223	1077	1198	
		T	1801	2023	2054	1991	2009	2013	2445	2330	247	
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	M	4124	4623	4853	4630	4599	4874	4606	4523	4619	
		F	2415	3094	3091	3156	3237	3232	3432	3320	3508	
		T	6539	7717	7944	7786	7836	8106	8038	7843	8127	
5	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	241	122	100	89	74	101	192	86	95	
		F	35	24	38	24	31	24	54	34	28	
		T	276	146	138	113	105	125	246	120	123	
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	M	1824	1929	2117	2009	2001	2074	2417	2075	2221	
		F	1069	1235	1215	1279	1162	1195	1451	1165	1402	
		T	2893	3164	3332	3288	3163	3269	3868	3240	3623	
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	M	0	2	2	1	2	4	7	7	2	
		F	0	0	2	0	1	2	5	3	1	
		T	0	2	4	1	3	6	12	10	3	
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	M	3	2	1	0	5	2	6	5	7	
		F	0	0	3	2	3	1	5	2	1	
		T	3	2	4	2	8	3	11	7	8	

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2007-2015												
Major Group No.	Cause of Death	Sex	YEAR									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	
1	2	3	4	5	6	7	8	9	10	11	12	
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	M F T	15947 8661 24608	20910 11569 32479	20847 11769 32616	23941 13304 37245	23749 13184 36933	24681 13581 38262	26384 14997 41381	27962 15347 43309	29697 16873 46570	
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	M F T	4883 2141 7024	5665 2864 8529	5639 2980 8619	6740 3670 1040	6451 3280 9731	6678 3380 10058	8140 4212 12352	8401 3825 12226	8264 4232 12496	
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	M F T	4897 1265 6162	5279 1450 6729	5468 1501 6969	6225 1634 7859	6466 1608 8074	6700 1523 8223	7788 1750 9538	7936 1716 9652	8235 1811 10046	
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	M F T	395 198 593	464 240 704	486 257 743	463 225 688	508 264 772	476 230 706	708 364 1072	701 373 1074	896 349 1245	
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	M F T	35 31 66	51 58 109	54 46 100	88 66 154	107 84 191	124 92 216	162 173 335	186 121 307	239 178 417	
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	M F T	2101 1089 3190	2302 1195 3497	2446 1379 3825	2766 1413 4179	2544 1528 4072	2722 1457 4179	3143 1821 4964	2907 1669 4576	3271 1868 5139	
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	M F T	0 652 652	0 649 649	0 611 611	0 848 848	0 841 841	0 642 642	0 758 758	0 1069 1069	0 638 638	
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	M F T	5173 3361 8534	5555 3831 9386	6204 4127 10331	6798 4004 10802	7090 4412 11502	6932 4678 11610	8073 5353 13406	9243 5344 14587	5219 3439 8658	

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2007-2015												
Major Group No.	Cause of Death	Sex	YEAR									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	
1	2	3	4	5	6	7	8	9	10	11	12	
17	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	M F T	663 486 1149	979 650 1629	1034 756 1790	1020 676 1696	1101 704 1805	954 665 1619	1352 899 2251	1500 935 2435	1270 830 2100	
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	M F T	2838 1804 4642	3122 1911 5033	2601 1720 4321	1297 1018 2315	1019 611 1630	793 447 1240	1389 1060 2449	1537 1144 2681	1819 1471 3290	
19	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	M F T	7022 3953 10975	7272 4194 11466	7315 3941 11256	6523 3980 10503	8861 4940 13801	8411 5123 13534	10714 5780 16494	10848 5560 16408	11251 5043 16294	
	ALL CAUSES	M F T	62834 34466 97300	71576 41293 112869	73083 42350 115433	76851 44496 121347	78517 44704 123221	79719 45461 125180	91318 52390 143708	94373 51913 146286	93957 52457 146414	

TABLE-4: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2007 TO 2015												
Major Group No.	Cause of Death	Sex	YEAR									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	
1	2	3	4	5	6	7	8	9	10	11	12	
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	M	13.55	11.43	11.38	11.55	10.80	10.70	10.41	9.52	9.61	
		F	12.05	10.57	10.97	11.29	10.49	11.12	9.54	8.70	8.99	
		T	13.02	11.12	11.23	11.45	10.68	10.85	10.10	9.23	9.39	
2	NEOPLASMS (C00-D48)	M	5.24	5.75	6.29	5.68	5.56	5.70	6.05	6.58	6.97	
		F	6.49	7.12	7.60	7.19	7.19	7.12	7.74	9.04	9.29	
		T	5.68	6.25	6.77	6.24	6.15	6.22	6.67	7.46	7.80	
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	M	1.41	1.40	1.38	1.32	1.40	1.40	1.34	1.33	1.35	
		F	2.66	2.48	2.48	2.19	2.04	1.96	2.33	2.07	2.28	
		T	1.85	1.79	1.78	1.64	1.63	1.61	1.70	1.59	1.69	
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	M	6.56	6.46	6.64	6.02	5.86	6.11	5.04	4.79	4.92	
		F	7.01	7.49	7.30	7.09	7.24	7.11	6.55	6.40	6.69	
		T	6.72	6.84	6.88	6.42	6.36	6.48	5.59	5.36	5.55	
5	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	0.38	0.17	0.14	0.12	0.09	0.13	0.21	0.09	0.10	
		F	0.10	0.06	0.09	0.05	0.07	0.05	0.10	0.07	0.05	
		T	0.28	0.13	0.12	0.09	0.09	0.10	0.17	0.08	0.08	
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	M	2.90	2.70	2.90	2.16	2.55	2.60	2.65	2.20	2.36	
		F	3.10	2.99	2.87	2.87	2.60	2.63	2.77	2.24	2.67	
		T	2.97	2.80	2.89	2.71	2.57	2.61	2.69	2.21	2.47	
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	M	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	
		F	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	
		T	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	M	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	
		F	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	
		T	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	

TABLE-4: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2007 TO 2015												
Major Group No.	Cause of Death	Sex	YEAR									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	
1	2	3	4	5	6	7	8	9	10	11	12	
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	M	25.38	29.21	28.53	31.15	30.25	30.96	28.89	29.63	31.61	
		F	25.13	28.02	27.79	29.90	29.49	29.87	28.63	29.56	32.17	
		T	25.29	28.78	28.26	30.69	29.97	30.57	28.80	29.61	31.81	
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	M	7.77	7.91	7.72	8.77	8.22	8.38	8.91	8.90	8.80	
		F	6.21	6.94	7.04	8.25	7.34	7.43	8.04	7.37	8.07	
		T	7.22	7.56	7.47	8.58	7.90	8.03	8.60	8.36	8.53	
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	M	7.79	7.38	7.48	8.10	8.24	8.40	8.53	8.41	8.76	
		F	3.67	3.51	3.54	3.67	3.60	3.35	3.34	3.31	3.45	
		T	6.33	5.96	6.04	6.48	6.55	6.57	6.64	6.60	6.86	
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	M	0.63	0.65	0.66	0.60	0.65	0.60	0.78	0.74	0.95	
		F	0.57	0.58	0.61	0.51	0.59	0.51	0.69	0.72	0.67	
		T	0.61	0.62	0.64	0.57	0.63	0.56	0.75	0.73	0.85	
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	M	0.06	0.07	0.07	0.11	0.14	0.16	0.18	0.20	0.25	
		F	0.09	0.14	0.11	0.15	0.19	0.20	0.33	0.23	0.34	
		T	0.07	0.10	0.09	0.13	0.16	0.17	0.23	0.21	0.28	
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	M	3.34	3.22	3.35	3.60	3.24	3.41	3.44	3.08	3.48	
		F	3.16	2.89	3.26	3.18	3.42	3.20	3.48	3.21	3.56	
		T	3.28	3.10	3.31	3.44	3.30	3.34	3.45	3.13	3.51	
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		F	1.89	1.57	1.44	1.91	1.88	1.41	1.45	2.06	1.22	
		T	0.67	0.58	0.53	0.70	0.68	0.51	0.53	0.73	0.44	

TABLE-4: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2007 TO 2015												
Major Group No.	Cause of Death	Sex	YEAR									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	
1	2	3	4	5	6	7	8	9	10	11	12	
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	M	8.23	7.76	8.49	8.85	9.03	8.70	8.82	9.79	5.55	
		F	9.75	9.28	9.74	9.00	9.87	10.29	10.22	10.29	6.56	
		T	8.77	8.32	8.95	8.90	9.33	9.27	9.33	9.97	5.91	
17	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	M	1.06	1.37	1.41	1.33	1.40	1.20	1.48	1.59	1.35	
		F	1.41	1.57	1.79	1.52	1.57	1.46	1.72	1.80	1.58	
		T	1.18	1.44	1.55	1.40	1.46	1.29	1.57	1.66	1.43	
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	M	4.52	4.36	3.56	1.69	1.30	0.99	1.52	1.63	1.94	
		F	5.23	4.63	4.06	2.29	1.37	0.98	2.02	2.20	2.80	
		T	4.77	4.46	3.74	1.91	1.32	0.99	1.70	1.83	2.25	
19	INJURY,POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES(S00-T98)	M	11.18	10.16	10.01	8.49	11.29	10.55	11.73	11.49	11.97	
		F	11.47	10.16	9.31	8.94	11.05	11.27	11.03	10.71	9.61	
		T	11.28	10.16	9.75	8.66	11.20	10.81	11.48	11.22	11.13	
	ALL CAUSES	M	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
		F	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
		T	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

TABLE 5: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

KARNATAKA														
SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS										TOTAL	
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+		NS
1	2	3	0.00	3.07	3.56	3.33	3.29	2.26	1.68	1.45	1.53	1.25	1.62	1.69
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	1.00	19.35	22.47	15.46	14.78	14.35	11.20	8.56	7.27	6.66	7.93	9.61
		Female	1.69	22.69	24.06	16.10	14.88	13.63	11.32	8.22	7.16	4.98	8.29	8.99
		Total	1.67	20.70	23.21	15.76	14.82	14.14	11.24	8.45	7.23	5.97	8.04	9.39
2	NEOPLASMS (C00-D48)	Male	0.02	4.64	7.26	5.47	4.13	4.80	7.07	9.42	9.96	7.69	8.94	6.97
		Female	0.05	5.22	6.16	3.67	5.72	14.02	15.90	13.44	10.33	6.79	11.29	9.29
		Total	0.04	4.87	6.75	4.63	4.71	7.51	9.71	10.75	10.09	7.33	9.66	7.80
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	Male	0.00	2.82	4.06	2.12	2.40	1.70	1.36	1.23	1.36	1.00	1.40	1.35
		Female	0.00	3.43	2.98	4.69	4.85	3.58	2.42	1.89	1.83	1.61	2.12	2.28
		Total	0.00	3.07	3.56	3.33	3.29	2.26	1.68	1.45	1.53	1.25	1.62	1.69
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	1.61	1.73	1.49	1.80	2.89	5.62	5.75	7.00	7.04	5.75	4.92
		Female	0.00	4.03	1.79	1.61	2.22	4.48	6.37	8.75	10.11	9.62	5.82	6.69
		Total	0.00	2.59	1.76	1.55	1.96	3.36	5.84	6.74	8.09	8.10	5.77	5.55
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	0.03	0.29	0.28	0.16	0.06	0.04	0.03	0.00	0.10
		Female	0.00	0.00	0.00	0.10	0.05	0.13	0.06	0.05	0.13	0.01	0.00	0.05
		Total	0.00	0.00	0.00	0.07	0.20	0.24	0.13	0.05	0.07	0.02	0.00	0.08
6	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	Male	0.96	13.81	10.37	4.73	3.53	3.29	2.13	1.69	0.99	1.75	2.72	2.36
		Female	2.04	11.34	12.72	4.23	4.42	3.10	2.41	2.17	1.96	1.48	3.70	2.67
		Total	1.77	12.82	11.47	4.50	3.86	3.23	2.22	1.85	1.33	1.64	3.02	2.47
7	DISEASES OF THE EYE AND ADNEXA H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
		Total	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 5: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

KARNATAKA																
SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL		
1	2	3	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01
		Female	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Total	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01
9	DISEASES OF THE CIRCULATORY SYSTEM(100-199)	Male	0.02	1.41	5.19	4.57	14.83	22.68	32.33	39.48	42.87	45.41	35.46	31.61		
		Female	0.20	1.04	7.16	3.92	13.71	21.32	30.87	39.94	43.15	50.08	37.57	32.17		
		Total	0.10	1.26	6.10	4.26	14.42	22.28	31.90	39.63	42.97	47.32	36.10	31.81		
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0.08	8.67	7.78	5.94	5.50	6.89	7.44	8.98	10.92	13.76	9.88	8.80		
		Female	0.10	9.25	8.65	6.37	6.04	9.00	7.85	8.20	9.54	10.30	8.11	8.07		
		Total	0.12	8.90	8.18	6.14	5.70	7.51	7.56	8.72	10.43	12.34	9.34	8.53		
11	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	Male	0.00	2.32	2.42	5.07	12.18	18.23	13.79	9.12	6.57	3.58	6.77	8.76		
		Female	0.00	1.94	1.49	2.76	3.71	6.09	5.03	4.26	4.16	2.36	3.88	3.45		
		Total	0.00	2.17	1.99	3.98	9.08	14.66	11.17	7.51	5.72	3.08	5.88	6.86		
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	0.00	0.40	0.47	0.97	0.89	1.13	1.41	1.20	1.71	0.95		
		Female	0.00	0.00	0.10	0.45	0.50	0.68	0.50	0.86	0.74	0.93	0.88	0.67		
		Total	0.00	0.00	0.05	0.43	0.48	0.89	0.77	1.04	1.17	1.09	1.46	0.85		
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	Male	0.00	0.00	0.09	0.22	0.23	0.19	0.27	0.34	0.33	0.25	0.70	0.25		
		Female	0.00	0.00	0.00	0.28	0.24	0.31	0.41	0.34	0.42	0.44	0.88	0.34		
		Total	0.00	0.00	0.05	0.25	0.23	0.22	0.31	0.34	0.36	0.33	0.76	0.28		
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	1.31	1.90	2.40	2.54	3.07	3.15	3.80	4.34	4.97	3.65	3.48		
		Female	0.00	1.64	0.80	2.17	2.78	3.69	4.43	4.55	4.18	4.10	2.82	3.56		
		Total	0.00	1.44	1.39	2.29	2.63	3.25	3.53	4.05	4.29	4.61	3.40	3.51		

TABLE 5: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

KARNATAKA														
SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	10.74	7.18	1.29	0.00	0.00	0.00	0.00	0.18	1.22
		Total	0.00	0.00	0.00	5.06	2.63	0.38	0.00	0.00	0.00	0.00	0.05	0.44
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	50.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.55
		Female	84.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56
		Total	84.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.91
17	CONGENITAL MALFORMATIONS,DEFOR MATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	7.08	28.83	16.59	1.96	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.35
		Female	11.32	25.07	14.12	1.68	0.29	0.00	0.00	0.00	0.00	0.00	0.00	1.58
		Total	11.58	27.32	15.44	1.83	0.15	0.00	0.00	0.00	0.00	0.00	0.00	1.43
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	Male	0.00	0.71	1.38	1.77	1.42	1.25	1.63	1.74	2.09	3.44	2.72	1.94
		Female	0.00	1.49	1.99	1.15	1.69	2.75	2.17	2.19	3.23	4.81	4.76	2.80
		Total	0.00	1.02	1.66	1.48	1.52	1.69	1.79	1.89	2.49	4.00	3.35	2.25
19	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES (S00-T98)	Male	0.19	14.52	18.76	48.37	35.82	19.40	12.94	8.70	4.85	3.20	12.36	11.97
		Female	0.12	12.84	17.99	40.06	31.72	15.88	10.26	5.14	3.06	2.49	9.70	9.61
		Total	0.23	13.84	18.40	44.46	34.32	18.36	12.14	7.52	4.22	2.91	11.55	11.13
20	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	MALE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		FEMALE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	ALL CAUSES		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 6: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	1.13	2.13	2.88	5.50	10.71	17.45	19.20	16.85	7.87	15.17	1.13	100.00
		Female	1.46	3.22	5.13	9.76	11.92	13.23	15.84	15.36	8.04	15.04	1.00	100.00
		Total	1.24	2.50	3.65	6.96	11.12	16.00	18.05	16.34	7.93	15.12	1.08	100.00
2	NEOPLASMS (C00-D48)	Male	0.03	0.70	1.28	2.69	4.12	8.05	16.71	25.60	14.88	24.17	1.76	100.00
		Female	0.04	0.72	1.27	2.16	4.43	13.18	21.53	24.28	11.23	19.85	1.31	100.00
		Total	0.04	0.71	1.28	2.46	4.26	10.24	18.77	25.04	13.32	22.32	1.57	100.00
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	Male	0.00	2.20	3.69	5.34	12.33	14.69	16.58	17.20	10.45	16.10	1.41	100.00
		Female	0.00	1.92	2.50	11.19	15.28	13.69	13.36	13.86	8.10	19.12	1.00	100.00
		Total	0.00	2.06	3.12	8.17	13.76	14.20	15.01	15.58	9.31	17.56	1.21	100.00
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	0.35	0.43	1.04	2.55	6.86	18.84	22.15	14.83	31.35	1.60	100.00
		Female	0.00	0.77	0.51	1.31	2.39	5.84	11.97	21.95	15.25	39.05	0.94	100.00
		Total	0.00	0.53	0.47	1.16	2.49	6.42	15.87	22.06	15.01	34.67	1.32	100.00
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	1.05	20.00	32.63	25.26	10.53	4.21	6.32	0.00	100.00
		Female	0.00	0.00	0.00	10.71	7.14	21.43	14.29	14.29	25.00	7.14	0.00	100.00
		Total	0.00	0.00	0.00	3.25	17.07	30.08	22.76	11.38	8.94	6.50	0.00	100.00
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	4.41	6.17	5.40	6.84	10.40	16.25	14.86	13.51	4.37	16.21	1.58	100.00
		Female	5.92	5.42	9.13	8.63	11.91	10.13	11.34	13.62	7.42	14.98	1.50	100.00
		Total	5.00	5.88	6.85	7.54	10.99	13.88	13.50	13.55	5.55	15.73	1.55	100.00
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	100.00
		Female	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	0.00	0.00	0.00	0.00	0.00	33.33	33.33	33.33	0.00	0.00	0.00	100.00
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0.00	0.00	0.00	0.00	14.29	14.29	28.57	0.00	0.00	42.86	0.00	100.00
		Female	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	0.00	0.00	0.00	0.00	12.50	25.00	25.00	0.00	0.00	37.50	0.00	100.00

TABLE 6: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0.01	0.05	0.20	0.49	3.27	8.38	16.85	23.65	14.12	31.44	1.54	100.00		
		Female	0.05	0.04	0.43	0.66	3.07	5.78	12.07	20.84	13.54	42.25	1.26	100.00		
		Total	0.02	0.05	0.28	0.56	3.20	7.44	15.12	22.63	13.91	35.36	1.44	100.00		
10	DISEASES OF THE RESPIRATORY SYSTEM(I00-I98)	Male	0.10	1.04	1.09	2.31	4.36	9.15	13.93	19.34	12.92	34.23	1.54	100.00		
		Female	0.09	1.47	2.06	4.30	5.39	9.74	12.24	17.06	11.93	34.64	1.09	100.00		
		Total	0.10	1.18	1.42	2.98	4.71	9.35	13.36	18.57	12.59	34.37	1.38	100.00		
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0.00	0.28	0.34	1.98	9.68	24.31	25.91	19.70	7.81	8.94	1.06	100.00		
		Female	0.00	0.72	0.83	4.36	7.73	15.41	18.33	20.71	12.15	18.55	1.21	100.00		
		Total	0.00	0.36	0.43	2.41	9.33	22.71	24.55	19.88	8.59	10.67	1.09	100.00		
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	0.00	1.45	3.46	11.94	15.29	22.43	15.40	27.57	2.46	100.00		
		Female	0.00	0.00	0.29	3.72	5.44	8.88	9.46	21.78	11.17	37.82	1.43	100.00		
		Total	0.00	0.00	0.08	2.09	4.02	11.08	13.65	22.25	14.22	30.44	2.17	100.00		
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0.00	0.00	0.42	2.93	6.28	8.79	17.57	25.10	13.39	21.76	3.77	100.00		
		Female	0.00	0.00	0.00	4.49	5.06	7.87	15.17	16.85	12.36	35.39	2.81	100.00		
		Total	0.00	0.00	0.24	3.60	5.76	8.39	16.55	21.58	12.95	27.58	3.36	100.00		
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	0.40	0.67	2.35	5.07	10.30	14.89	20.64	12.99	31.24	1.44	100.00		
		Female	0.00	0.59	0.43	3.32	5.62	9.05	15.63	21.47	11.83	31.21	0.86	100.00		
		Total	0.00	0.47	0.58	2.70	5.27	9.85	15.16	20.94	12.57	31.23	1.23	100.00		
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Female	0.00	0.00	0.00	48.12	42.48	9.25	0.00	0.00	0.00	0.00	0.16	100.00		
		Total	0.00	0.00	0.00	48.12	42.48	9.25	0.00	0.00	0.00	0.00	0.16	100.00		

TABLE 6: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2015

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Female	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	57.09	22.52	15.12	4.96	0.31	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Female	55.54	20.24	17.11	5.78	1.33	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	56.48	21.62	15.90	5.29	0.71	0.00	0.00	0.00	0.00	0.00	0.00	100.00
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS,NOT ELSEWHERE CLASSIFIED (R00-R99)	Male	0.00	0.38	0.88	3.13	5.11	7.53	13.91	17.04	11.21	38.87	1.92	100.00
		Female	0.00	0.68	1.36	2.24	4.35	8.57	9.72	13.12	11.62	46.50	1.84	100.00
		Total	0.00	0.52	1.09	2.74	4.77	7.99	12.04	15.29	11.40	42.28	1.88	100.00
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	0.17	1.28	1.93	13.82	20.83	18.93	17.80	13.75	4.21	5.86	1.41	100.00
		Female	0.10	1.71	3.59	22.70	23.76	14.42	13.42	8.98	3.21	7.02	1.09	100.00
		Total	0.15	1.41	2.44	16.57	21.74	17.53	16.45	12.27	3.90	6.22	1.31	100.00
20	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male	0.17	1.28	1.93	13.82	20.83	18.93	17.80	13.75	4.21	5.86	1.41	100.00
		Female	0.10	1.71	3.59	22.70	23.76	14.42	13.42	8.98	3.21	7.02	1.09	100.00
		Total	0.15	1.41	2.44	16.57	21.74	17.53	16.45	12.27	3.90	6.22	1.31	100.00
	ALL CAUSES	MALE	6.57	1.06	1.23	3.42	6.96	11.69	16.47	18.93	10.41	21.89	1.37	100.00
		FEMALE	7.76	1.28	1.92	5.45	7.20	8.73	12.58	16.79	10.09	27.13	1.08	100.00
		TOTAL	7.00	1.14	1.48	4.15	7.05	10.63	15.08	18.16	10.30	23.77	1.27	100.00

Table - 7 : Percentage distribution of Medically Certified Deaths due to Tuberculosis, Diabetes Mellitus and Ischaemic Heart Diseases from 2007-2015

Year	Total MCCD Deaths due to												Total MCCD Deaths		
	Tuberculosis			Diabetes Mellitus			Ischaemic Heart Disease			Male	Female	Total			
	Male	Female	Total	Male	Female	Total	Male	Female	Total						
2007	6.83	4.65	6.07	5.87	6.38	6.04	11.21	10.13	10.83	64.94	35.06	100.00			
2008	5.86	4.17	5.24	5.77	6.62	6.08	13.50	11.63	12.81	63.42	36.58	100.00			
2009	5.47	3.70	4.82	6.15	6.58	6.30	12.75	11.21	12.18	63.31	36.69	100.00			
2010	5.29	3.72	4.72	5.29	6.11	5.59	13.91	12.43	13.37	63.33	36.67	100.00			
2011	5.24	3.72	4.69	5.12	6.20	5.51	12.77	11.47	12.30	63.72	36.28	100.00			
2012	5.42	4.55	5.10	5.50	6.15	5.73	13.42	12.12	12.95	63.68	36.32	100.00			
2013	5.22	3.44	4.57	4.07	5.23	4.49	11.66	10.56	11.26	63.54	36.46	100.00			
2014	5.04	3.31	4.42	3.91	6.30	4.35	11.71	10.56	11.30	64.51	35.49	100.00			
2015	4.87	3.14	4.25	4.11	5.43	4.58	11.66	10.76	11.34	64.17	35.83	100.00			

FORM NO. 4/4A (See Rule 7) MEDICAL CERTIFICATE OF CAUSE OF DEATH (Hospital in-patients/non-institutional deaths. Not to be used for still births) To be sent to Registrar along with Form No.2 (Death Report)				
Name of the Hospital.....				
I hereby certify that the person whose particulars are given below died in the hospital in Ward No.....on..... at.....A.M./P.M.				
Name of the Deceased				For use of Statistical Office
Sex	Age at Death			
	If 1 year or more, age in Years	If less than 1 year, age in Months	If less than one month, age in Days	If less than one day, age in Hours
1. Male 2. Female				
CAUSE OF DEATH				Interval between on set & death approx
I				
Immediate Cause		(a)	Due to (or as a consequences of)	
State the disease, injury or complication which caused death, not the mode of dying such as heart failure, asthenia, etc.				
Antecedent Cause		(b)	Due to (or as a consequences of)	
Morbidity conditions, if any, giving rise to the above Cause, stating underlying conditions last		(c)		
II				
Other significant conditions contributing to the death but not related to the disease or conditions causing it				
<u>Manner of death</u>		How did the injury occur?		
1. Natural 2. Accident 3. Suicide 4. Homicide 5. Pending investigation				
If deceased was a female, was pregnancy the death associated with? 1. Yes 2. No If yes, was there a delivery? 1. Yes 2. No.				
Name and signature of the Medical Attendant certifying the cause of death Date of verification.....				
SEE REVERSE FOR INSTRUCTION				
(To be detached and handed over to the relative of the deceased).				
Certified that Shri/Smt/Kum.....S/W/D/of Shri R/O.....was admitted to the hospital on and expired on				
Doctor..... (Medical Supdt Name of the hospital)				

Note: Except manner of death given in Form No-4, there will be no change in the content of Form No-4A.

MEDICAL CERTIFICATE OF CAUSE OF DEATH

Direction for completing the form No.4/4A

Name of deceased: To be given in full. Do not use initials. If deceased is an infant, not yet named at time of death, write. Son of (S/o) or 'Daughter of (D/o), followed by names of mother and father.

Age: If the deceased was over 1 year of age, give age in completed years. If the deceased was below 1 year of age, give age in months and if below 1 month give age in completed number of days, and if below one day, in hours.

Cause of Death: This part of the form should always be completed by the attending physician personally.

The certificate of cause of death is divided into two parts, I and II. Part I is again divided into three parts, lines (a)(b)(c). If a single morbid condition completely explains the deaths, then this will be written on line (a) of Part I, and nothing more need be written in the rest of Part I or in Part II, or example, small pox, lobar pneumonia, cardiac beriberi, are sufficient cause of death and usually nothing more is needed.

Often, however, a number of morbid conditions will have been present at death, and the doctor must then complete the certificate in the proper manner so that the correct underlying cause will be tabulated. First, enter in Part I(a) the immediate cause of death. This does not mean the mode of dying, e.g. heart failure, respiratory failure, etc. These terms should not appear on the certificate at all since they are modes of dying and not causes of death. Next consider whether the immediate cause is complication or delayed result of some other cause. If so, enter the antecedent cause in Part I, line (b). Some times there will be three stages in the course of events leading to death. If so, line (c) will be completed. The underlying cause to be tabulated is always written last in Part I.

Morbid conditions or injuries may be present which were not directly related to the train of events causing death but which contributed in some way to the fatal outcome. Sometimes the doctor finds it difficult to decide especially for infant deaths, which of several independent conditions was the primary cause of death; but only one cause can be tabulated, so the doctor must decide. If the other diseases are not effects of the underlying cause, they are entered in Part II.

Do not write two or more conditions on a single line. Please write the names of the diseases (in full) in the certificates as legibly as possible to avoid the risk of their being misread.

Onset: Complete the column for interval between onset and death whenever possible, even if very approximately, e.g. "from birth" "several years".

Accidental or violent deaths: Both the external cause and the nature of the injury are needed and should be stated. The doctor or hospital should always be able to describe the injury, stating the part of the body injured, and should give the external cause in full when this is shown. Example: (a) Hypostatic pneumonia; (b) Fracture of neck of femur, (c) Fall from ladder at home.

Maternal deaths: Be sure to answer the questions on pregnancy and delivery. This information is needed for all women of child-bearing age, even though the pregnancy may have had nothing to do with the death.

Old age or senility: Old age (or senility should be not given as a cause of death if a more specific cause is known. If old age was a contributory factor; it should be entered in Part II. Example (a) Chronic bronchitis, of old age.

Completeness of information: A complete cause history is not wanted, but, if the information is available enough details should be given to enable the underlying cause to be properly classified.

Example : Anaemia- Give type of anaemia, if known, Neoplasm-Indicate whether benign or malignant, and site with or primary neoplasm, whenever possible, Heart disease-Describe the condition specially; if congestive heart failure, chronic on pulmonale, etc., are mentioned, give the antecedent conditions. Tetanus-Describe the antecedent injury, if known. Operation-State the condition for which the operation was performed. Dysentery-Specify whether bacillary amoebic etc., if know. Complications of pregnancy or delivery-Describe the complication specifically. Tuberculosis-Give organs affected.

Symptomatic statement: Convulsions, diarrhoeas, fever, ascites, jaundice, debility, etc., are symptoms which may be due to any one of a number of different conditions. Sometimes nothing more is known but whenever possible, give the disease which caused the symptom.

Manner of Death: Deaths not due to external cause should be identified as "Natural". If the cause of death is known, but it is not known whether it was the result of an accident suicide or homicide and is subject to further investigation, the cause of death should invariably be filled in and the manner of death should be shown as "Pending investigation".

MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES

The classification of diseases may be defined as a system of categories to which morbid entities are assigned according to established criteria. The Tenth Revision of International Classification of Diseases (ICD-10) is a single coded list of three-character categories, each of which can be further divided into up to ten four-character subcategories. In place of the purely numeric coding system of ICD-9, ICD-10 uses alphanumeric code with a letter in the first position and a number in the second, third and fourth positions; the fourth character follows a decimal point. The code numbers can range from A00.0 to Z99.9. The letter U is not used and is kept blank for use in future. Codes U00-U49 is kept reserved to be used for the provisional assignment of new diseases of uncertain etiology. Codes U50-U99 may be used in research, e.g. when testing an alternative sub-classification for a special project.

2. The National list for tabulation of morbidity and Mortality based on the Ninth Revision of ICD-9, 1975 was adopted in MCCD from 1980 to 1998. Subsequently, the World Health Organisation (WHO) brought out 10th Revision of International Classification of Diseases (ICD) and the National List for tabulation of Morbidity ad Mortality data, based on ICD-10 has been finalised in consultation with the states to meet their requirements and has been adopted from 1999 onward for MCCD Report. The list based on ICD-10 comprises of 20 major groups, 69 categories and 193 sub-categories of causes as compared to 18 major groups including supplementary classification of Injury & poisoning, 66 categories and 194 sub-categories of causes (includes few single causes) of national list based on ICD-9. Chapters, Blocks of three-character categories and group of three/four-character categories of ICD-10 have been considered as Major Groups, Categories and sub-categories respectively in the national list.

3. As per the recommendations of the ICD-10, data on “Medical Certification of Cause of Death” have been tabulated for a total of 69 categories of causes under Major Groups I to XX of National List including External Causes of morbidity and mortality.

NATIONAL LIST BASED ON ICD-10

Major Groups I to XIX :

1. Categories-58 (Group of three-character categories)
2. Sub-categories-177 (Group of $\frac{3}{4}$ - character categories and $\frac{3}{4}$ - character single category)

&

Major Groups I to XX : External Causes of Morbidity & Mortality

3. Categories-11 (Group of three – character categories)
4. Sub-categories-16 (Group of $\frac{3}{4}$ - character categories and $\frac{3}{4}$ - character single category)

The descriptions for all Major Groups of the National list based on ICD-10 are as under :

Major Cause Groups	DESCRIPTION AND ICD CODES
I	Certain Infectious and Parasitic diseases (A00-B99)
II	Neoplasms (C00-D48)
III	Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism (D50-D89)
IV	Endocrine, nutritional and metabolic diseases (E00-E89)
V	Mental and behavioral disorders (F01-F99)
VI	Diseases of the nervous system (G00-G98)
VII	Diseases of the eye and Adnexa (H00-H59)
VIII	Diseases of the ear and mastoid process (H60-H95)
IX	Diseases of the circulatory system (I00-I99)
X	Diseases of the respiratory system (J00-J98)
XI	Diseases of the digestive system (K00-K92)
XII	Diseases of the skin and subcutaneous tissue (L00-L98)
XIII	Diseases of the musculoskeletal system and connective tissue (M00-M99)
XIV	Diseases of the genitourinary system (N00-N99)
XV	Pregnancy, childbirth and the puerperium (O00-O99)
XVI	Certain conditions originating in the perinatal period (P00-P96)
XVII	Congenital malformations, deformation and chromosomal abnormalities (Q00-Q99)
XVIII	Symptoms, signs and abnormal clinical and laboratory findings, n.e.c. (R00-R99)
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)
XX	External causes of morbidity and mortality (V01-Y89)
*XXI	Factors influencing health status and contact with health services (Z00-Z99)

* Not in use in India

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