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GOVERNMENT OF KARNATAKA

**REPORT
ON
MEDICAL CERTIFICATION OF
CAUSE OF DEATH
2014**



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

PREFACE

The Report for the year 2014 is the thirty-fourth 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.

Bangalore
Date:26.03.2016

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 – 2014 is based upon 146286 (Males: 94373 and Females: 51913) medically certified deaths (35 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 2014, following are eight leading cause groups of deaths constituting around 87.81 per cent of total medically certified deaths:

- I. Diseases of Circulatory System (29.61 per cent).*
- II. Injury, Poisoning and certain other consequences of External causes (11.22 per cent).*
- III. Certain condition originating in the perinatal period (9.97 per cent).*

IV. *Certain Infectious and Parasitic diseases (9.23per cent)*

V. *Diseases of the Respiratory System (8.36 per cent).*

VI. *Neoplasm (7.46 per cent).*

VII. *Diseases of the Digestive System (6.60 per cent).*

VIII. *Endocrine, Nutritional and Metabolic Diseases (5.36 per cent)*

- Among the “Diseases of the circulatory system” deaths, “*Ischemic Heart Diseases*” (IHD) account for the highest number of deaths (38.16 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 “*Other injuries of specified, unspecified and multiple body regions*” contributing around 31.80 per cent of the total deaths under this cause group and 3.57 per cent of total medically certified deaths.
- Under the third leading group “*Certain conditions originating in the perinatal period*” accounting for 9.97per cent of the total medically certified deaths. “*Hypoxia, Birth Asphyxia and other Respiratory Conditions*” accounts for 43.58 per cent of the deaths under the group and 4.35 percent of total medically certified deaths.
- The major group “*Certain Infectious and Parasitic Diseases*” which is the fourth leading cause of death is mainly constituted by “*Respiratory Tuberculosis and septicemia*”. Under this major group, the share of these two diseases are 38.95 per cent and 17.84 percent respectively. Respiratory Tuberculosis alone accounts for 3.60 per cent of the total medically certified deaths.
- The major group “*Diseases of the Respiratory System*” is the fifth leading cause “*Other Lower Respiratory Disorders*” accounting for around 36.34 per cent of the total deaths. The other major cause in this group is “*Pneumonia*” Causing 23.42 per cent of death, under total medically certified deaths, “*Pneumonia*” alone accounts for 2.00 per cent.
- The sixth leading cause group, *Neoplasms (cancer)* is responsible for 7.46 per cent of the total medically certified deaths, of which “*Malignant Neoplasm of digestive organs*” accounts for 29.47per cent which accounts for more than one-fourth of deaths.

- The major group comprising “*Diseases of Digestive System*” is the seventh leading cause accounting for 6.60 per cent of the total medically certified deaths. Among the deaths due to disorders of digestive system “*Diseases of the Liver*” alone accounts for 70.34 per cent of the total deaths in this group.
- The group of “*Endocrine, Nutritional and Metabolic Diseases*” is the eighth leading cause group accounting for 5.36 per cent of the total medically certified deaths. Under this cause group, “*Diabetes Mellitus*” group alone accounts for 81.13 per cent of total deaths reported and 4.35 per cent of total medically certified deaths.

Age-wise: [TABLE-2]

- Every tenth reported medically certified deaths has been of the infants (age less than 1 year).
- About 86.98 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 29.75 per cent. In the age group 5-14 years “*Certain Infectious and Parasitic Diseases*” claimed the topmost position with the share of 26.38 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 47.32 per cent and 33.66 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 22.21 and 20.05 per cent respectively.
- For all the age-groups of 45 years and above “*Diseases of Circulatory System*” is the first leading cause of death (40.32 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 29.90 per cent to 46.86 per cent.
- The highest number of deaths (33256 i.e., 22.74 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 64.51 per cent and 35.49 per cent respectively.
- There is no significant difference for females as far as eight leading causes are concerned, except for Neoplasm and Diseases of Digestive System deaths.
- The percentage of female neoplasm deaths to total female medically certified deaths is 9.04 per cent as compared to the corresponding male figure of 6.58 per cent. On the contrary, the percentage of female digestive system deaths to total female medically certified deaths is just 3.31 per cent as compared to the corresponding male figure of 8.41 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 2014, 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-2014

Sl.No	District Name	No.of Hospitals	Male	Female	Total
1	Bagalkote	66	1937	1056	2993
2	Bangalore(U)	642	27383	15934	43317
3	Bangalore(R)	15	393	188	581
4	Belgaum	88	5220	2765	7985
5	Bellary	45	3457	1858	5315
6	Bidar	23	1269	735	2004
7	Bijapur	45	2606	1257	3863
8	Chamarajanagar	13	407	214	621
9	Chikballapur	10	364	226	590
10	Chikmagalur	32	1796	873	2669
11	Chitradurga	25	1522	826	2348
12	D.Kannada	96	8370	4452	12822
13	Davanagere	32	4345	2216	6561
14	Dharwad	76	6530	3531	10061
15	Gadag	32	1439	950	2389
16	Gulbarga	28	1618	1081	2699
17	Hassan	26	1840	903	2743
18	Haveri	20	1005	538	1543
19	Kodagu	17	470	236	706
20	Kolar	26	1726	999	2725
21	Koppal	14	247	134	381
22	Mandya	25	1582	817	2399
23	Mysore	48	7218	3704	10922
24	Raichur	24	1229	666	1895
25	Ramanagara	13	201	66	267
26	Shimoga	58	2990	1633	4623
27	Tumkur	45	2040	1167	3207
28	Udupi	54	3153	1744	4897
29	U.Kannada	47	1962	1115	3077
30	Yadgir	7	54	29	83
	Total	1692	94373	51913	146286

2.5 During 2014, a total of 146286 medically certified deaths were reported, of which 94373 and 51913 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 43317 deaths covering 29.62 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 12882 deaths (8.77 per cent).

Less than 500 deaths were reported in the districts of Koppala (0.26%) , Ramanagar (0.19%) and Yadgiri(0.06%)..

Growth in the Medical Certification of Cause of Death :

2.6 The time series data on MCCD for the year 1996 to 2014 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 11.57 per cent during the year 1997 and highest with 34.84 per cent during the year 2014. The growth in MCCD during the last 19years is given in **Statement-2** and is highlighted in the **Chart-1**.

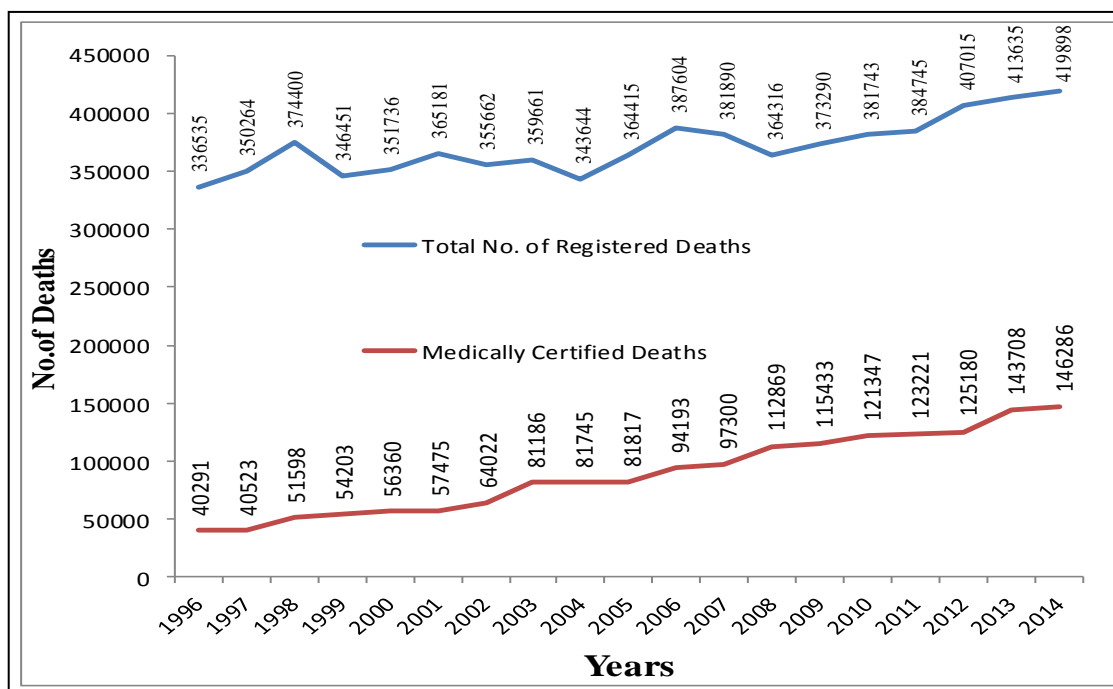
Statement - 2

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
1996	336535	40291	11.97
1997	350264	40523	11.57
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	24.3
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	419898*	146286	34.84

* Provisional

CHART -1
Growth in MCCD in Karnataka 1996-2014



Growth in the Medical Certification of Cause of Death at All India Level:

2.8 The time series data on MCCD for the year 2004 to 2008 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 increasing over the years. It was 14.2 per cent during the year 2004 and highest with 19.3 per cent during the year 2008. The growth in MCCD during the last 5 years of India is given in **Statement-2A**.

Statement – 2A

Growth in the Medical Certification as a part of Total Registered Deaths – INDIA

Year	Total No. of Registered Deaths	Medically Certified Deaths	Percentage of Medically Certified Deaths to Total Registered Deaths
2006	4327664	720047	16.6
2007	4219770	798546	18.9
2008	4560901	878339	19.3
2009	4755054	946018	19.9
2010	4813552	970896	20.2
2011	4829664	965992	20.0
2012	5026056	1005804	20.0
2013	4613657	928858	20.1

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 2014, a total of 146286 medically certified deaths were reported, of which 94373 and 51913 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

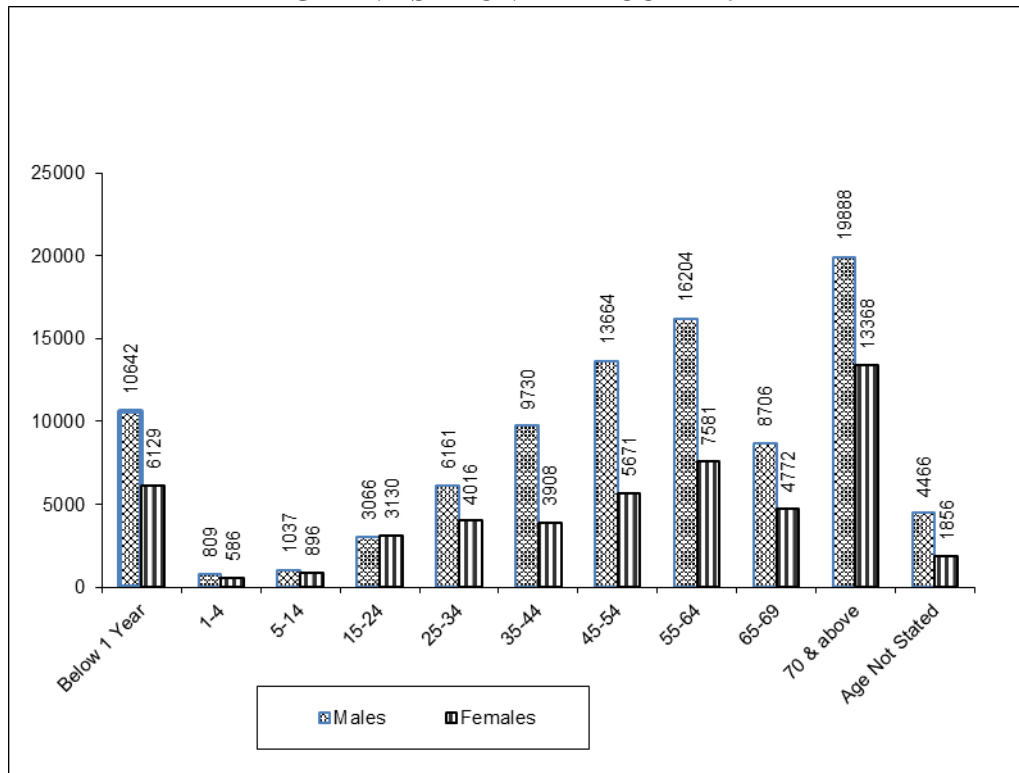
Age and Sex Distribution of Medically Certified Deaths – 2014

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	Percent-age 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	10642	11.28	7.27	6129	11.81	4.19	16771	11.46
2	1-4	809	0.86	0.55	586	1.13	0.4	1395	0.95
3	5-14	1037	1.1	0.71	896	1.73	0.61	1933	1.32
4	15-24	3066	3.25	2.1	3130	6.03	2.14	6196	4.24
5	25-34	6161	6.53	4.21	4016	7.74	2.75	10177	6.96
6	35-44	9730	10.31	6.65	3908	7.53	2.67	13638	9.32
7	45-54	13664	14.48	9.34	5671	10.92	3.88	19335	13.22
8	55-64	16204	17.17	11.08	7581	14.6	5.18	23785	16.26
9	65-69	8706	9.23	5.95	4772	9.19	3.26	13478	9.21
10	70 & above	19888	21.07	13.6	13368	25.75	9.14	33256	22.73
11	Age Not Stated	4466	4.73	3.05	1856	3.58	1.27	6322	4.32
	Total	94373	100	64.51	51913	100	35.49	146286	100

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

Chart - 2

DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE AND SEX UNDER MCCD – 2014



3.2 Statement-3 indicates the contribution of male and female deaths in the total medically certified cases were reported to be 64.51 per cent and 35.49 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 52.72 per cent of deaths. Age group 35-44 years also had a significant place with 10.31 per cent. Infant deaths occupied the 4th place (11.28 per cent). Least vulnerable were those in the age group 1-4 years.

Among the females also 70 plus had the largest share, followed by those in the age group 55-64 years. Both put together contributed 40.35 per cent deaths. Infant deaths took 3rd position with 11.81 per cent, 21.30 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 conditions originating in the perinatal period (P00-P96)*, *Certain Infectious and Parasitic Diseases (A00-B99)*, *Diseases of the Respiratory System (J00-J98)*, *Neoplasm (C00-D48)*, *Diseases of the Digestive System (K00-K92)* and *Endocrine, Nutritional and Metabolic Diseases (E00-E89)* had taken together account for about 87.81 per cent of the total medically certified deaths which is detailed in **Statement-4**.

Statement-4

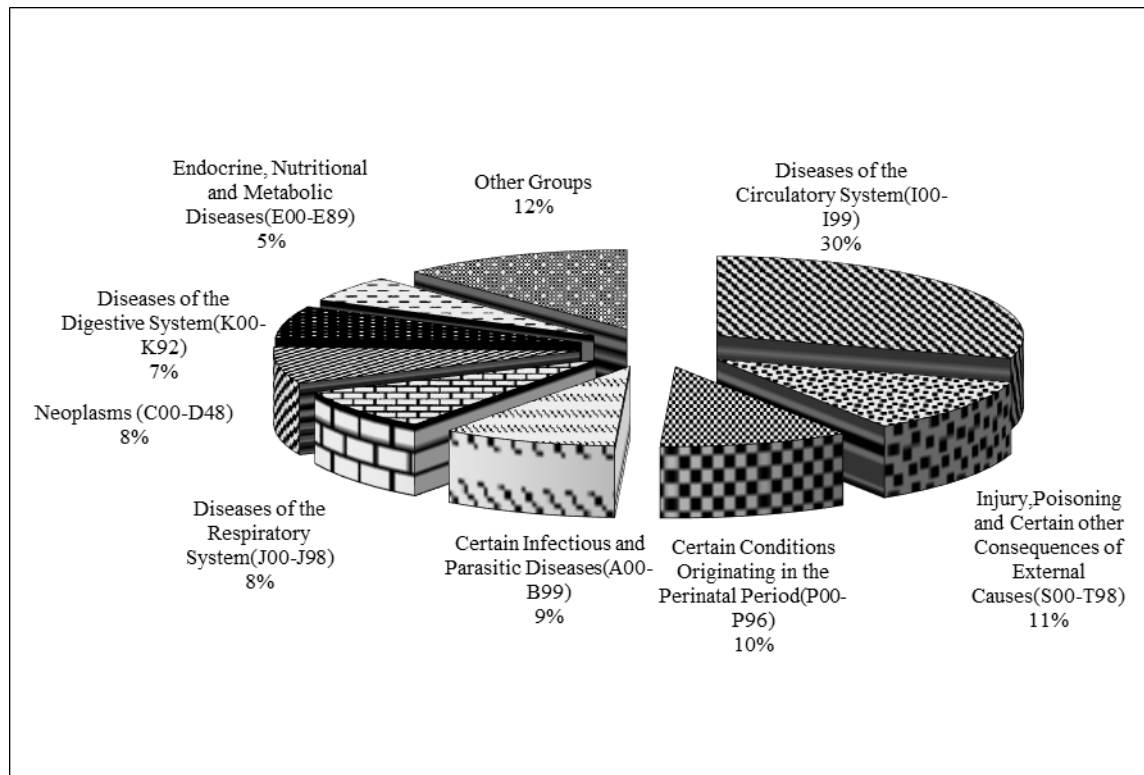
Distribution of Medically Certified Deaths by Sex and Eight Leading Cause-Groups during -2014

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System (I00-I99)	27962	29.63	15347	29.56	43309	29.61
2	Injury, Poisoning and Certain other Consequences of External Causes (S00-T98)	10848	11.49	5560	10.71	16408	11.22
3	Certain Conditions Originating in the Perinatal Period(P00-P96)	9243	9.79	5344	10.29	14587	9.97
4	Certain Infectious and Parasitic Diseases(A00-B99)	8989	9.52	4517	8.70	13506	9.23
5	Diseases of the Respiratory System (J00-J98)	8401	8.90	3825	7.37	12226	8.36
6	Neoplasms (C00-D48)	6214	6.58	4692	9.04	10906	7.46
7	Diseases of the Digestive System (K00-K92)	7936	8.41	1716	3.31	9652	6.60
8	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	4523	4.79	3320	6.40	7843	5.36
9	Other Groups	10257	10.87	7592	14.62	17849	12.20
	Total	94373	100.00	51913	100.00	146286	100.00

3.4 Among the leading cause groups, *‘Diseases of Circulatory System’* constitute the maximum i.e. **29.61 per cent** of total medically certified deaths, followed by *‘Injury, Poisoning and Certain Other Consequences of External Causes’* **11.22 per cent**, *‘Certain conditions originating in the perinatal period’* constitute **9.97 per cent** and *‘Certain Infectious and Parasitic Diseases’* **9.23 per cent** of total medically certified deaths, followed by **8.36 per cent** due to *‘Diseases of the Respiratory System’*, *‘The Neoplasms’*, *‘Diseases of the Digestive system’*, and *‘Endocrine, Nutritional and Metabolic Diseases’* each constitute around **6 percent** of the total medically certified deaths. In respect of eight leading causes of death the gender difference is not significant. However, the medically certified male deaths are on a higher side in case of *‘Diseases of Circulatory System’*, *‘Injury, Poisoning and Certain other Consequences of External Causes’*, *‘Certain Infectious and Parasitic Diseases’*, *‘Diseases of Respiratory System’* and *‘Diseases of the Digestive system’* compared to corresponding female figures. But it is vis-a-versa in the case of **Neoplasm and ‘Endocrine, Nutritional and Metabolic Diseases’**. 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 – 2014**



3.5 The percentage distribution of eight major cause groups of death for the period 1998 to 2014 is presented in the **Statement-5**.

Statement – 5

Percentage Distribution of 8 leading Major Cause Groups of Deaths during 1998- 2014

Year	Leading major cause groups of deaths (As per ICD-10)									
	Diseases of the circulatory system	Certain Infectious and Parasitic Diseases	Injury Poisoning & certain other consequences of external causes	Certain conditions originating in the Perinatal period	Diseases of the Respiratory System	Endocrine, Nutritional & Metabolic Diseases	Neo-plasm	Diseases of the Digestive System	Other Groups	Total
1998	22.10	15.50	15.30	9.30	6.40	4.80	4.50	6.60	15.50	100
1999	21.60	17.30	15.40	9.30	6.70	4.60	4.30	6.30	14.50	100
2000	26.31	15.16	9.21	10.27	6.42	4.68	3.85	7.25	16.85	100
2001	24.98	13.12	15.03	10.49	5.04	5.05	4.95	6.15	15.19	100
2002	25.32	12.32	13.63	10.39	5.22	5.95	4.45	6.26	16.46	100
2003	25.56	12.32	11.62	10.01	5.52	6.39	5.36	6.29	16.93	100
2004	25.65	12.24	11.48	9.54	5.43	6.29	6.20	6.45	16.72	100
2005	26.98	12.72	10.28	9.68	5.97	6.81	5.67	6.38	15.51	100
2006	27.51	12.03	10.19	7.71	6.52	8.07	5.86	6.55	15.56	100
2007	25.29	13.02	11.28	8.77	7.22	6.72	5.68	6.33	15.69	100
2008	28.78	11.12	10.16	8.32	7.56	6.84	6.25	5.96	15.01	100
2009	28.26	11.23	9.75	8.95	7.47	6.88	6.77	6.04	14.65	100
2010	30.69	11.45	8.66	8.90	8.58	6.42	6.24	6.48	12.59	100
2011	29.97	10.68	11.20	9.33	7.90	6.36	6.15	6.55	11.85	100
2012	30.57	10.85	10.81	9.27	8.03	6.57	6.48	6.22	11.20	100
2013	28.80	10.10	11.48	9.33	8.60	5.59	6.67	6.64	12.79	100
2014	29.61	9.23	11.22	9.97	8.36	5.36	7.46	6.60	12.20	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 1996 onwards and basic data on MCCD is for the years 1997 to 2013.

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 3.30 percentage point in 2014 compared to 2000. 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 8.36 per cent during the period of 2001 to 2014, 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 5.36 per cent during 2014.

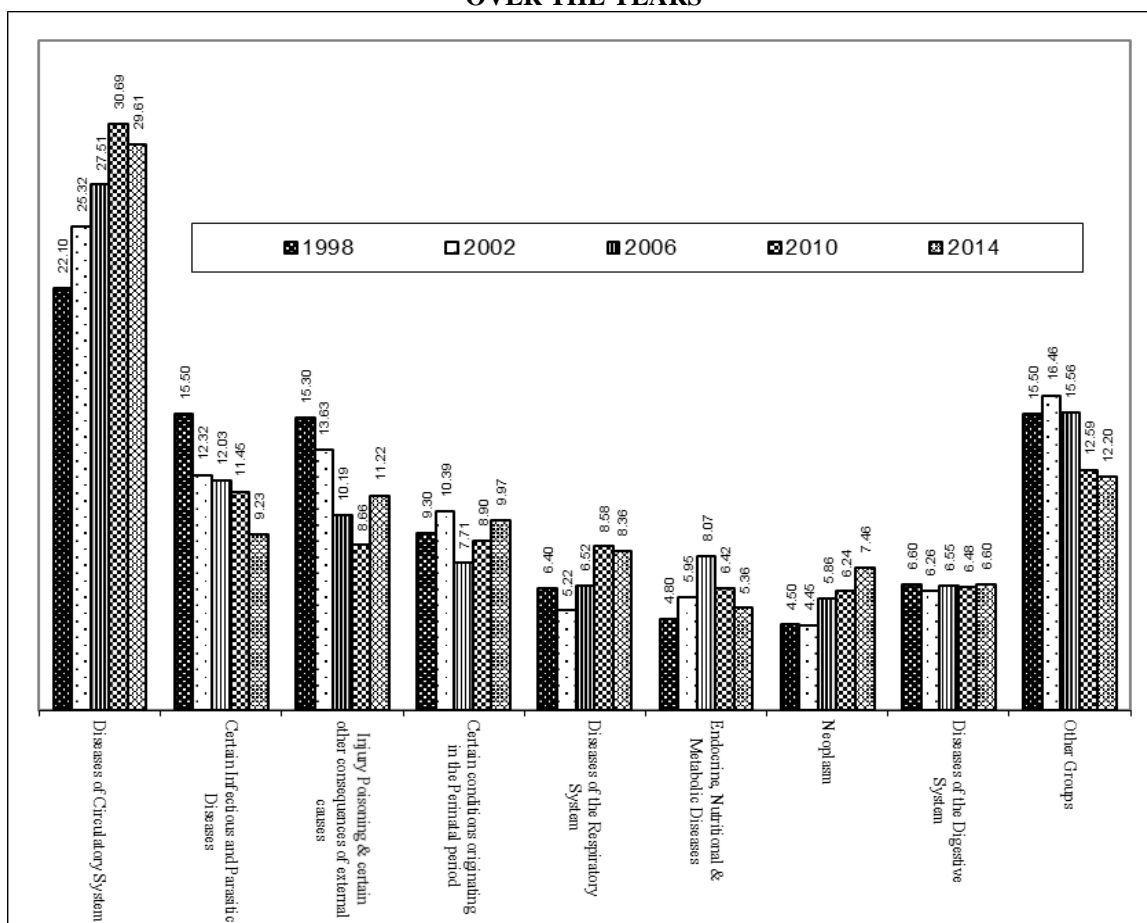
3.5.5 The percentage of deaths due to '*Neoplasms*' has varied from 3.85 per cent to 7.46 per cent over the years. In 2014, the percentage of medically certified deaths due to '*Diseases of Digestive System*' is 6.60 as against 7.25 in 2000. The share of deaths due to this cause has an average of 6 per cent since 1998 except in the year 2000 (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 1998.

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 1998, 2002, 2006, 2010 and 2014.

Chart –4

PERCENTAGE DISTRIBUTION OF LEADING CAUSE GROUPS OF DEATHS UNDER MCCD OVER THE YEARS



3.6 The Districtwise distribution of medically certified deaths by eight major cause groups is given in **Statement-5A**. The institutions covered under the MCCD are mostly located in urban areas of the different district in view of the availability of requisite facilities for assigning cause of deaths. Consequently, the number of deaths reported therein may lack the representative character at the district level. An attempt has been made to present the comparative situations of major cause groups, based upon medically certified deaths reported by different districts, as their number is reasonably adequate to throw valuable insight into deaths by various cause groups and their gravity.

Statement - 5A
Districtwise Distribution of Medically Certified Deaths by Eight Leading Cause-Groups
during -2014

Sl.No	DISTRICT NAME	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES(S00-T98)	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	NEOPLASMS (C00-D48)	OTHR GROUPS	TOTAL
1	Bagalkote	26.80	12.23	7.75	18.38	7.35	9.96	2.74	2.44	12.36	100
2	Bangalore(U)	35.34	7.70	8.45	3.17	8.31	6.06	6.94	12.39	11.65	100
3	Bangalore(R)	18.93	15.83	13.43	7.23	13.25	4.48	4.30	4.65	17.90	100
4	Belgaum	30.06	10.54	8.67	10.02	9.10	7.80	4.61	3.79	15.40	100
5	Bellary	23.01	12.76	13.26	17.18	6.45	6.17	2.82	3.07	15.28	100
6	Bidar	23.75	11.33	9.53	22.75	7.14	6.19	3.04	2.20	14.07	100
7	Bijapur	22.37	10.28	20.84	14.91	6.83	4.97	4.56	5.85	9.40	100
8	Chamarajanagar	32.69	8.37	8.70	2.90	14.33	4.03	5.31	2.74	20.93	100
9	Chikballapur	35.25	11.69	3.05	4.58	17.63	6.44	3.39	3.73	14.24	100
10	Chikmagalur	39.64	6.97	14.57	9.70	7.57	3.71	3.41	2.59	11.84	100
11	Chitradurga	31.69	10.82	10.05	12.56	10.99	3.92	3.88	3.36	12.73	100
12	D.Kannada	30.49	9.03	8.05	3.90	9.18	8.13	5.26	13.60	12.35	100
13	Davanagere	22.88	11.96	11.45	21.14	6.65	7.07	4.79	3.14	10.93	100
14	Dharwad	25.10	10.13	11.45	12.89	8.21	7.13	5.81	5.03	14.25	100
15	Gadag	23.98	10.72	14.65	12.18	9.88	6.82	4.81	3.10	13.86	100
16	Gulbarga	19.79	12.71	31.23	16.71	4.96	3.67	1.22	1.63	8.08	100
17	Hassan	25.26	6.74	23.33	12.72	9.70	5.72	4.34	3.79	8.38	100
18	Haveri	26.57	9.14	14.84	20.61	10.95	4.93	4.21	1.62	7.13	100
19	Kodagu	30.45	5.67	23.65	12.89	5.95	5.52	3.26	4.39	8.22	100
20	Kolar	21.14	14.61	15.05	10.06	9.69	4.37	7.82	5.91	11.38	100
21	Koppal	16.01	7.09	38.32	4.20	6.82	7.87	2.36	3.15	14.17	100
22	Mandya	31.72	8.38	15.34	10.05	10.63	5.29	5.92	3.29	9.38	100
23	Mysore	22.84	10.19	12.94	16.68	6.69	6.67	5.79	5.30	12.89	100
24	Raichur	27.49	7.81	13.19	22.01	8.71	4.80	2.37	1.95	11.66	100
25	Ramanagara	39.33	6.74	20.97	9.36	8.24	3.75	4.12	2.62	4.87	100
26	Shimoga	32.94	7.70	11.75	12.39	9.39	7.20	4.00	3.74	10.88	100
27	Tumkur	31.21	7.48	10.17	11.04	12.38	8.08	5.77	3.71	10.17	100
28	Udupi	33.10	8.72	9.01	4.02	8.19	8.25	5.41	10.33	12.97	100
29	U.Kannada	28.57	4.71	6.47	21.29	7.05	10.46	3.90	3.57	13.97	100
30	Yadgir	8.43	9.64	37.35	26.51	3.61	2.41	2.41	0.00	9.64	100
	Total	29.61	9.23	11.22	9.97	8.36	6.60	5.36	7.46	12.20	100

- 3.6.1** As depicted in the Statement 5A, more than twenty per cent of total medically certified deaths reported from most of all of the districts belong to the cause group *Diseases of Circulatory System*. In Chikmagalur as high as 39.64 percent of deaths (nearly 4 out of 10 deaths), have been reported to be medically certified as Circulatory system deaths as against Yadgir which has reported as low as 8.42 percent with the corresponding figure for all reporting districts taken together to be 29.61 percent (nearly 3 out of 10 deaths).
- 3.6.2** The group *Certain Infectious & Parasitic Diseases* constitutes 9.23 percent of medically certified deaths for all the reporting districts taken together. Its share in total medically certified deaths of Uttara Kannada district as low as 4.71 percent as against 15.83 percent in Bangalore Rural District.
- 3.6.3** The share of major cause group *Injury, Poisoning and Certain other Consequences of External Causes* reported high in case of Koppal district 38.32 per cent whereas it is low in Chikballapur district 3.65 per cent in their respective totals of medically certified deaths.
- 3.6.4** The percentage of medically certified deaths due to *Certain Conditions Originating in the Perinatal Period* is in the range of 10 to 25 per cent in Bagalkote, Belgaum, Bellary, Bidar, Bijapur, Chitradurga, Davanagere, Dharwad, Gadag, Gulbarga, Hassan, Haveri, Kodagu, Kolar, Mandya, Mysore, Raichur, Shimoga, Tumkur, Uttara Kannada and Yadgir districts, whereas in other districts it is less than 10 per cent.
- 3.6.5** The group, *Diseases of Respiratory System* constitutes 10 per cent or more of medically certified deaths in Ten districts, viz., Bangalore (R), Chamarajanagar, Chickballapur, Chitradurga, Gadag, Haveri, Hassan, Kolar, Mandya and Tumkur districts.
- 3.6.6** The share of medically certified deaths due to *Diseases of the Digestive System* is reported high in the Uttara Kannada district as 10.46 per cent whereas it is reported low in the district of Yadgir as 2.41 per cent. Whereas in other districts its percentage accounting for around 3 to 9 per cent.
- 3.6.7** The share of medically certified deaths due to *Endocrine, Nutritional and Metabolic Diseases* exceeded 5 per cent of total medically certified only in the 9 districts viz., Bangalore(U), Chamarajanagar, Dakshina Kannada, Dharwad, Kolar, Mandya, Mysore, Tumkur and Udupi.
- 3.6.8** The percentage share of *Neoplasms* deaths is reported as highest as 13 per cent in case of medically certified deaths reported from Dakshina Kannada District, whereas the share of this major group in case of Haveri district which has reported the lowest as 1.6 per cent and 'Nil' in Yadgir district to the total medical certification of death.

Leading Causes of Deaths

3.7 Diseases of the Circulatory System (IX):

It is the topmost ranking major group of disease, constituting 29.61 per cent of total medically certified deaths. It accounts for 29.63 per cent of males and 29.56 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**.

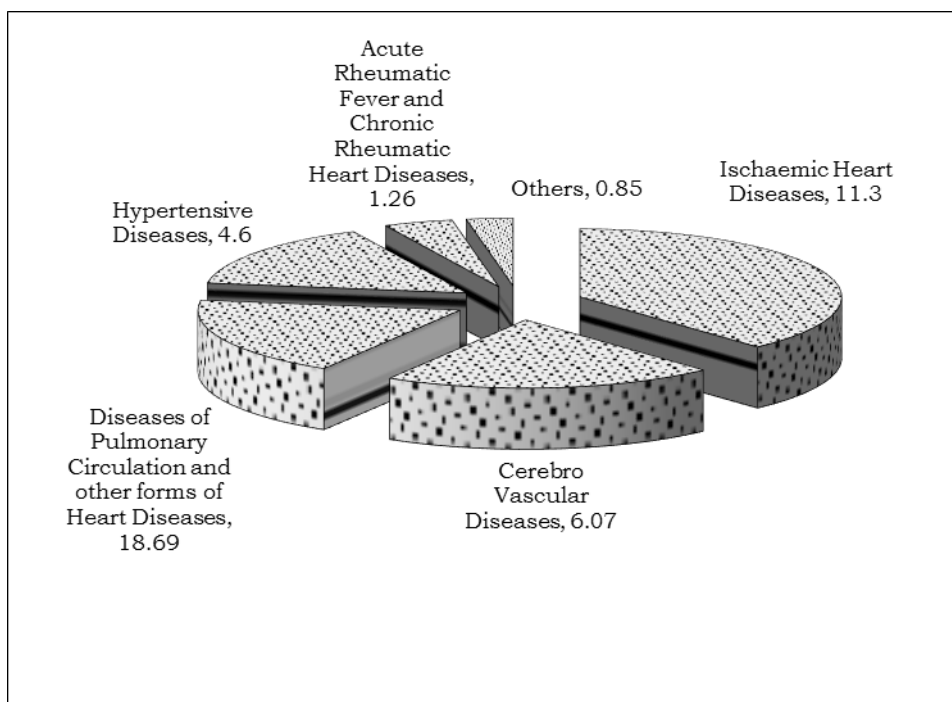
Statement – 6

DISTRIBUTION OF MAJOR CAUSES OF DEATHS AMONG DISEASES OF CIRCULATORY SYSTEM UNDER MCCD-2014

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Ischaemic Heart Diseases	11050	39.52	5478	35.69	16528	38.16	11.30
2	Cerebrovascular Diseases	6007	21.48	2869	18.69	8876	20.49	6.07
3	Diseases of Pulmonary Circulation and other forms of Heart Diseases	5068	18.12	3025	19.71	8093	18.69	5.53
4	Hypertensive Diseases	4157	14.87	2578	16.80	6735	15.55	4.60
5	Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases	914	3.27	922	6.01	1836	4.24	1.26
6	Others	766	2.74	475	3.10	1241	2.87	0.85
	Total Medically Certified Deaths due to Diseases of Circulatory System	27962	100	15347	100	43309	100	29.61
	Deaths due to Diseases of Circulatory system as percentage to total medically certified deaths		29.63		29.56		29.61	

Chart – 5

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO DISEASES OF CIRCULATORY SYSTEM – 2014



3.7.1 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 (**38.16 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 second highest cause of deaths constituting **20.49 per cent** and **18.69 per cent** of the Circulatory system deaths followed by ‘**Hypertensive Diseases (15.55 per cent)**’. The percentages of male deaths to female deaths are more in the cause group of Ischemic Heart Diseases and Cerebro Vascular Diseases. It is vis-a-versa in the cause group of **Diseases of Pulmonary Circulation and Other Forms of Heart Diseases and Hypertensive Diseases**.

3.7.2 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.

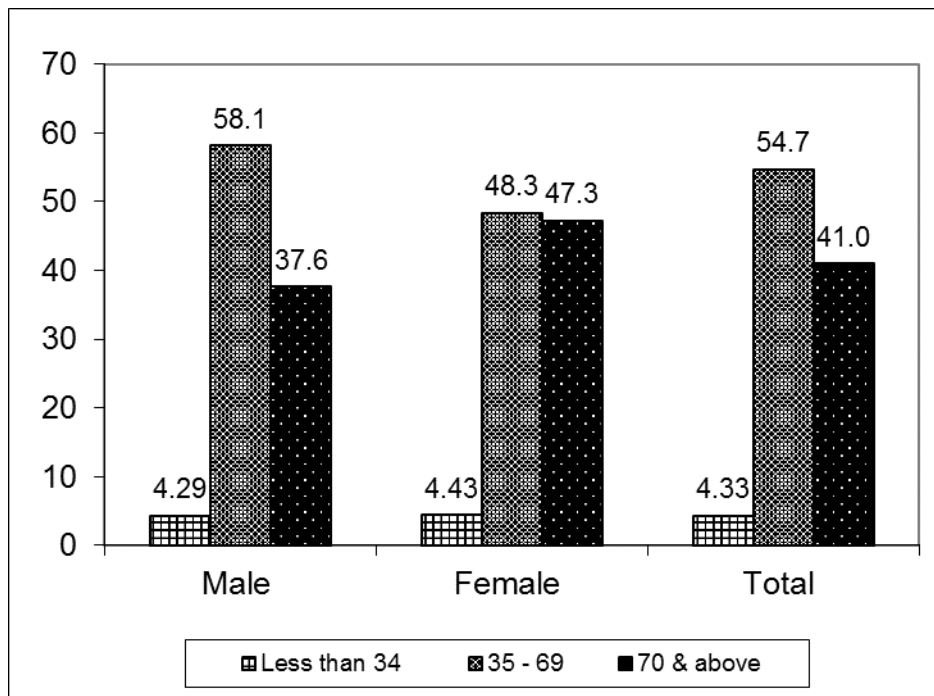
Statement -7

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF CIRCULATORY SYSTEM UNDER MCCD-2014

Sl. No	Age Group (in years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	14	0.05	17	0.11	31	0.07
2	1-4	22	0.08	18	0.12	40	0.09
3	5-14	52	0.19	45	0.29	97	0.22
4	15-24	125	0.45	107	0.70	232	0.54
5	25-34	984	3.52	493	3.21	1477	3.41
6	35-44	2194	7.85	835	5.44	3029	6.99
7	45-54	4171	14.92	1609	10.48	5780	13.35
8	55-64	6139	21.95	2894	18.86	9033	20.86
9	65-69	3753	13.42	2077	13.53	5830	13.46
10	70 & above	9004	32.20	6580	42.87	15584	35.98
11	Age Not Stated	1504	5.38	672	4.38	2176	5.02
	Total	27962	100.00	15347	100	43309	100.00

Chart - 6

AGE DISTRIBUTION OF DEATHS DUE TO “DISEASES OF CIRCULATORY SYSTEM” UNDER MCCD - 2014



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

It is the second leading cause group responsible for 11.22 per cent of total medically certified deaths. This has caused 11.49 per cent of male and 10.71 per cent of female deaths. Under this cause group by '*Other Injuries of specified and unspecified and multiple body regions*' with 4258 male and 959 female deaths (31.80 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 **30.53 per cent** of the total deaths and '*Burns and Corrosions*' (**22.08 per cent**). Death due to Burns and corrosions among females is 42.72 per cent as compared to 11.50 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**

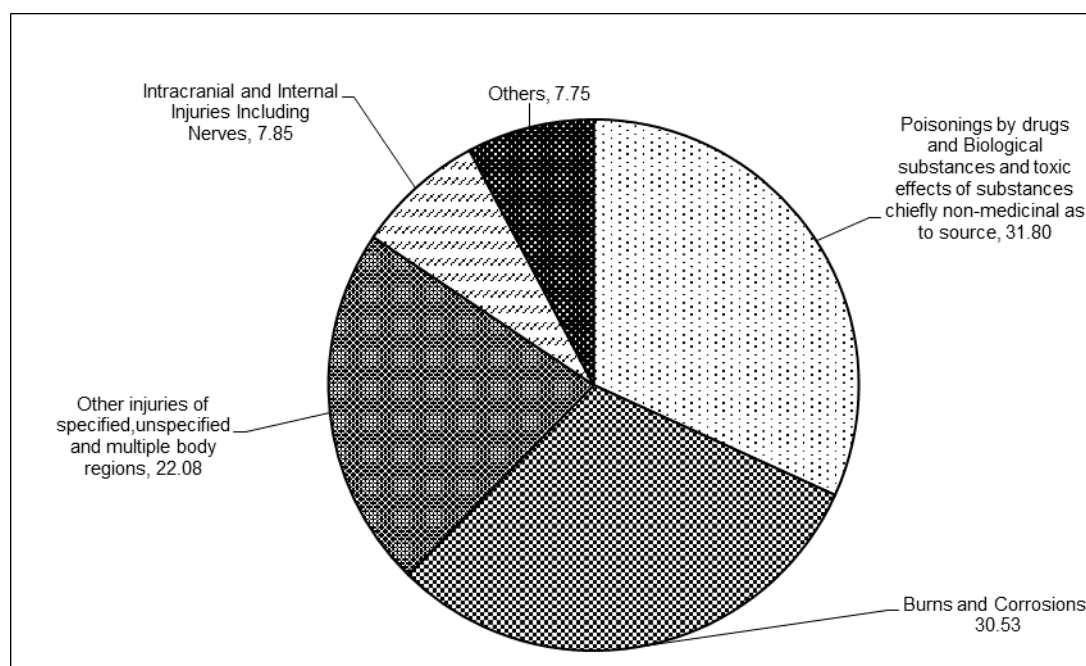
Statement-8

Distribution of Deaths due to Injury, Poisoning and Certain other consequences of External causes Under MCCD-2014

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.	4258	39.25	959	17.25	5217	31.80	3.57
2	Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medicinal as to source.	3387	31.22	1622	29.17	5009	30.53	3.42
3	Burns and Corrosions	1248	11.50	2375	42.72	3623	22.08	2.48
4	Intracranial and Internal Injuries Including Nerves	1007	9.28	281	5.05	1288	7.85	0.88
5	Others	948	8.74	323	5.81	1271	7.75	0.87
	Total Medically Certified Deaths due to Diseases of Injury, Poisoning and Certain Other Consequences of External causes.	10848	100	5560	100	16408	100	11.22
	Deaths due to Injury, Poisoning and Certain other consequences of External causes as percentage to total medically certified deaths		11.49		10.71		11.22	

Chart 7

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING & CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD – 2014



3.8.1 As revealed from the **Statement-9** the highest share of deaths (20.88 per cent) is reported for the age group 25-34 years. This is followed by age groups 15-24 years (17.87 per cent) and 35-44 years (16.67 per cent). These three age-groups together accounts for about 55 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**

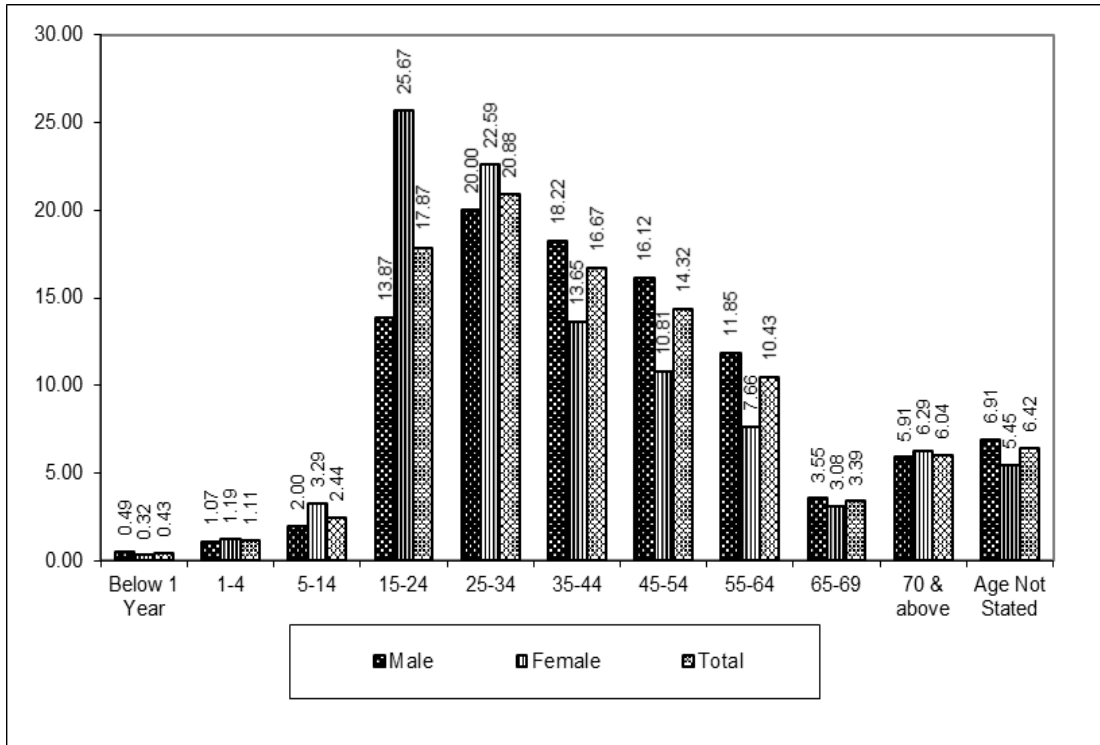
Statement-9

Age Distribution of Deaths due to Injury, Poisoning and Certain other consequences of External causes Under MCCD-2014

Sl. No	Age Group (in Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	53	0.49	18	0.32	71	0.43
2	1-4	116	1.07	66	1.19	182	1.11
3	5-14	217	2.00	183	3.29	400	2.44
4	15-24	1505	13.87	1427	25.67	2932	17.87
5	25-34	2170	20.00	1256	22.59	3426	20.88
6	35-44	1976	18.22	759	13.65	2735	16.67
7	45-54	1749	16.12	601	10.81	2350	14.32
8	55-64	1286	11.85	426	7.66	1712	10.43
9	65-69	385	3.55	171	3.08	556	3.39
10	70 & above	641	5.91	350	6.29	991	6.04
11	Age Not Stated	750	6.91	303	5.45	1053	6.42
	Total	10848	100.00	5560	100.00	16408	100.00

Chart – 8

AGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD-2014



3.8.2 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 (1248 males and 2375 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 69.37 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 58 per cent and 48 per cent respectively.

Statement-10

AGE DISTRIBUTION OF DEATHS DUE TO POISONING, BURNS CORROSIONS AND OTHER INJURIES UNDER MCCD-2014

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	0.54	0.61
2	1-4	0.62	1.23	1.93
3	5-14	2.20	2.22	2.84
4	15-24	20.78	13.55	22.66
5	25-34	20.48	17.08	29.62
6	35-44	16.97	17.06	17.09
7	45-54	14.35	16.06	8.72
8	55-64	9.56	13.53	4.53
9	65-69	2.48	5.04	1.68
10	70 & above	5.13	7.15	3.67
11	Age Not Stated	7.15	6.54	6.65
	Total	100.00	100.00	100.00

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

The group of diseases relating to '*Certain conditions originating in the Perinatal Period*' is the third leading cause of death, accounting 9.97 per cent of the total medically certified deaths. This has contributed to 9.79 per cent of male and 10.29 per cent of female medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-13** and is portrayed in the **Chart-11**

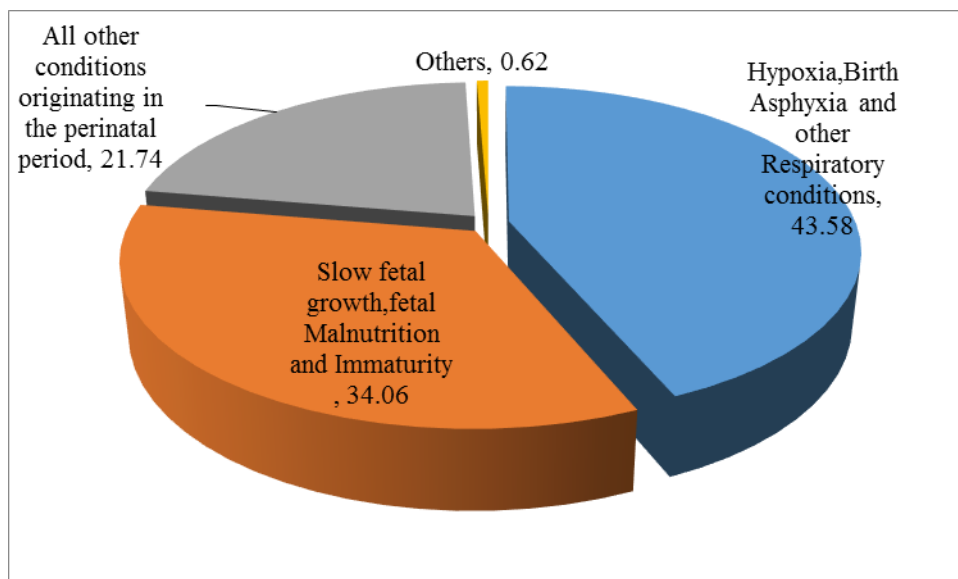
Statement-11

Distribution of Deaths due to Certain Conditions Originating in the Perinatal Period Under MCCD-2013

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Hypoxia,Birth Asphyxia and other Respiratory conditions	4012	43.41	2345	43.88	6357	43.58	4.35
2	Slow fetal growth,fetal Malnutrition and Immaturity	3152	34.10	1817	34.00	4969	34.06	3.40
3	All other conditions originating in the perinatal period	2020	21.85	1151	21.54	3171	21.74	2.17
4	Others	59	0.64	31	0.58	90	0.62	0.06
	Total Medically Certified Deaths due to certain Conditions Originating in the Perinatal Period	9243	100.00	5344	100.00	14587	100	9.97
	Deaths due to certain Conditions Originating in the Perinatal Period as percentage to total Medically Certified Deaths		9.79		10.29		9.97	

Chart – 11

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN CONDITIONS ORIGINATING IN PERINATAL PERIOD –2014



3.10 Certain Infectious and Parasitic Diseases (I):

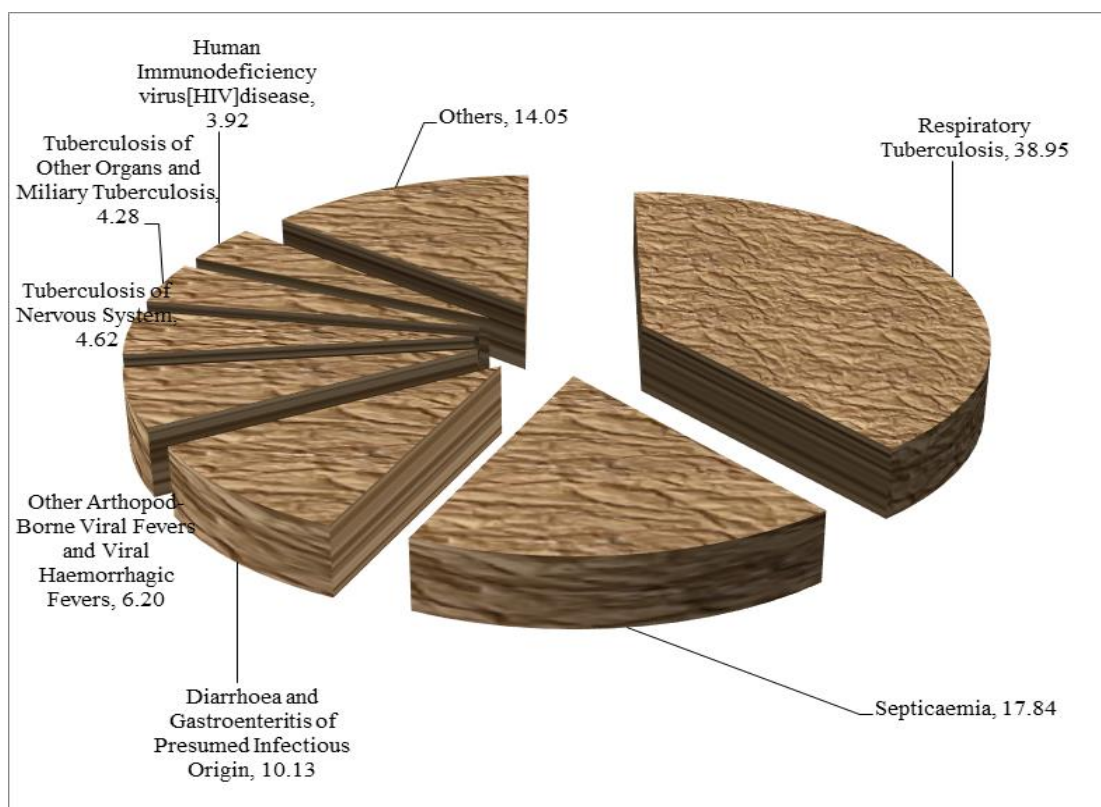
It is the Fourth leading cause group of disease accounting for 9.23 per cent of total medically certified deaths, which constitute 9.52 per cent of male and 8.70 per cent of female medically certified deaths of their respective totals. The distribution of major components under this cause group is shown in the **Statement-12** and is depicted in **Chart-12**

Statement -12

Distribution of Major Causes of Deaths among Certain Infectious and Parasitic Diseases Under MCCD-2014

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Respiratory Tuberculosis (A15-A16)	3948	43.92	1313	29.07	5261	38.95	3.60
2	Septicaemia(A40-A41)	1444	16.06	966	21.39	2410	17.84	1.65
3	Diarrhoea and Gastroenteritis of Presumed Infectious Origin(A09)	762	8.48	606	13.42	1368	10.13	0.94
4	Other Arthropod-Borne Viral Fevers and Viral Haemorrhagic Fevers	494	5.50	343	7.59	837	6.20	0.57
5	Tuberculosis of Nervous System (A17)	413	4.59	211	4.67	624	4.62	0.43
6	Tuberculosis of Other Organs and Miliary Tuberculosis (A18-A19)	387	4.31	191	4.23	578	4.28	0.40
7	Human Immunodeficiency virus[HIV]disease (b20-b24)	348	3.87	182	4.03	530	3.92	0.36
8	Others	1193	13.27	705	15.61	1898	14.05	1.30
	Total medically Certified Deaths due to Certain Infectious and Parasitic Diseases	8989	100.00	4517	100.00	13506	100.00	9.23
	Deaths due to Infectious and Parasitic Disease as percentage to total medically certified deaths		9.52		8.70		9.23	

Chart – 12
PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN INFECTIOUS & PARASITIC DISEASES – 2014



3.10.1 Among the *Certain Infectious and Parasitic Diseases*, ‘*Respiratory Tuberculosis*’ is the highest reported medically certified cause of mortality, constituting around **38.95 per cent** followed by ‘*Septicemia*’ (**17.84 per cent**). Under this major group, percentage of *Tuberculosis* deaths in females is **29.07** per cent as against **43.92** 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 **10.13, 6.20 and 3.92** per cent respectively.

3.10.2 The age distribution of medically certified deaths due to ‘*Certain Infectious and Parasitic Diseases*’ has been given in below **Statement-13** and is presented in **Chart-13**

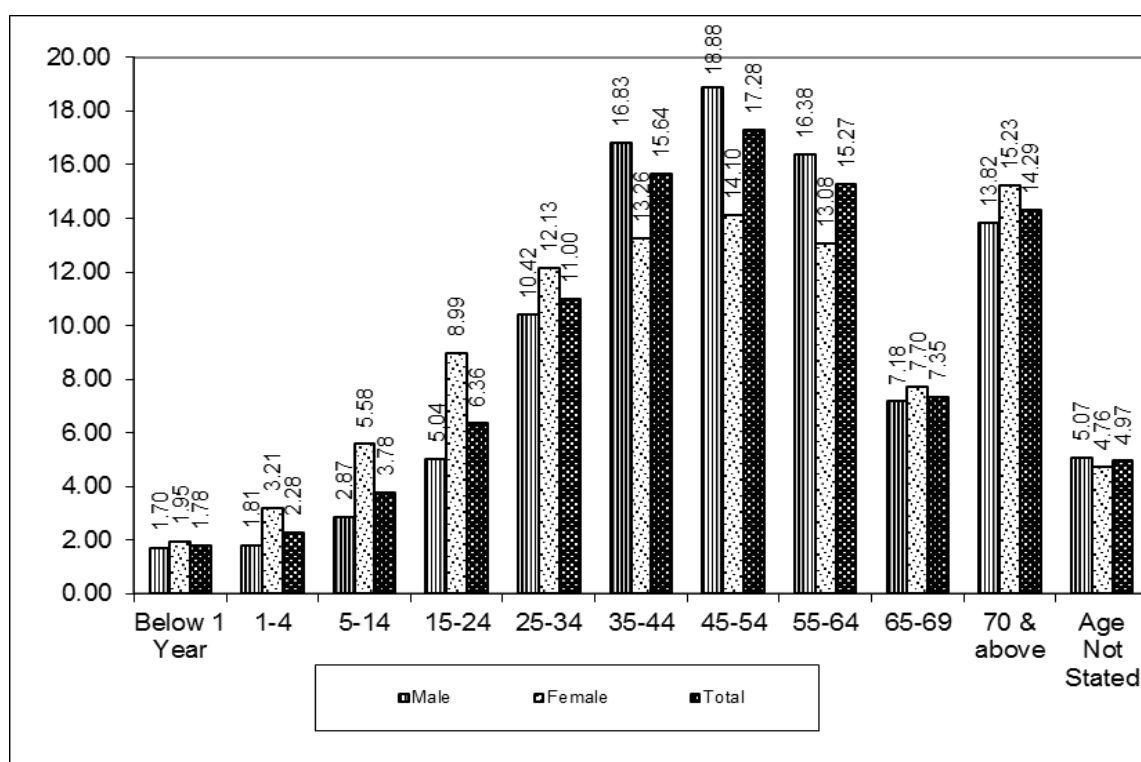
Statement-13

Age Distribution of Deaths due to Certain Infectious and Parasitic Diseases Under MCCD-2014

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	153	1.70	88	1.95	241	1.78
2	1-4	163	1.81	145	3.21	308	2.28
3	5-14	258	2.87	252	5.58	510	3.78
4	15-24	453	5.04	406	8.99	859	6.36
5	25-34	937	10.42	548	12.13	1485	11.00
6	35-44	1513	16.83	599	13.26	2112	15.64
7	45-54	1697	18.88	637	14.10	2334	17.28
8	55-64	1472	16.38	591	13.08	2063	15.27
9	65-69	645	7.18	348	7.70	993	7.35
10	70 & above	1242	13.82	688	15.23	1930	14.29
11	Age Not Stated	456	5.07	215	4.76	671	4.97
	Total	8989	100.00	4517	100.00	13506	100.00

Chart -13

AGE DISRIBUTION OF DEATHS DUE TO "CERTAIN INFECTIOUS & PARASITIC DISEASES" UNDER MCCD – 2014



As shown in the **Statement-13**, the highest incidence of deaths (17.28 per cent) is reported for the age group 45-54 years, closely followed by age groups 35-44 years (15.64 per cent) and 55-64 years (15.27 per cent). The age-group 25-64 years has contributed to around 59.19 per cent of total deaths under the cause group '*Certain Infectious and Parasitic Diseases*'

3.11 Diseases of the Respiratory System (X):

The major group of Diseases of Respiratory System is the fifth leading cause, responsible for 8.36 per cent of the total medically certified deaths. This has contributed to 8.90 per cent of male and 7.37 per cent of female deaths. The distribution of chief constituents of the major cause group is given **Statement-14** and is presented in **Chart-14**.

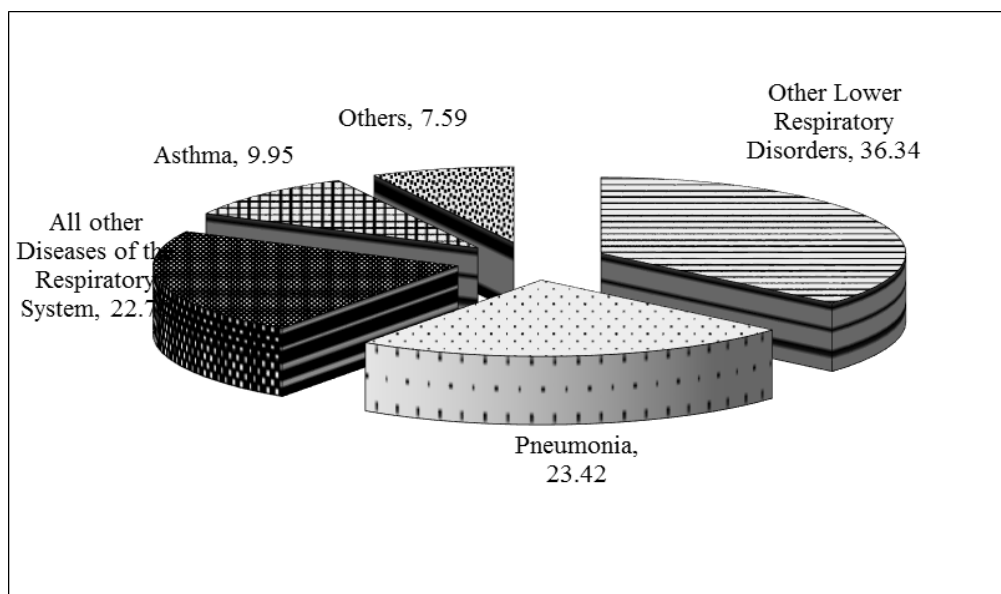
Statement – 14

Distribution of Deaths due Diseases of Respiratory system Under MCCD-2014

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Lower Respiratory Disorders	3394	40.40	1049	27.42	4443	36.34	3.04
2	Pneumonia	1817	21.63	1046	27.35	2863	23.42	1.96
3	All other Diseases of the Respiratory System	1876	22.33	899	23.50	2775	22.70	1.9
4	Asthma	719	8.56	498	13.02	1217	9.95	0.83
5	Others	595	7.08	333	8.71	928	7.59	0.63
	Total Medically Certified Deaths due to Diseases of Respiratory System	8401	100.00	3825	100.00	12226	100.00	8.36
	Deaths due to Diseases of Respiratory system as percentage to total medically certified deaths		8.90		7.37		8.36	

Chart – 14

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD – 2014



3.11.1 *‘Other lower Respiratory disorders’*, is the leading cause of death, has caused 30 out of every hundred reported deaths under the major cause group (36.34 per cent). It is followed by *‘Pneumonia’* an inflammatory illness of the lung and also one of the leading cause of death in this major group constitutes about 23.42 per cent of the deaths. *‘All other Diseases of the Respiratory System’* has caused 23 out of every hundred reported deaths (22.70 per cent). The percentage share of Pneumonia to the total medically certified deaths is 2 per cent with the corresponding share of Asthma being 0.83 per cent. The age composition of deaths due to ‘Diseases of Respiratory System’ is presented in **Statement-15** and is highlighted in **Chart-15**.

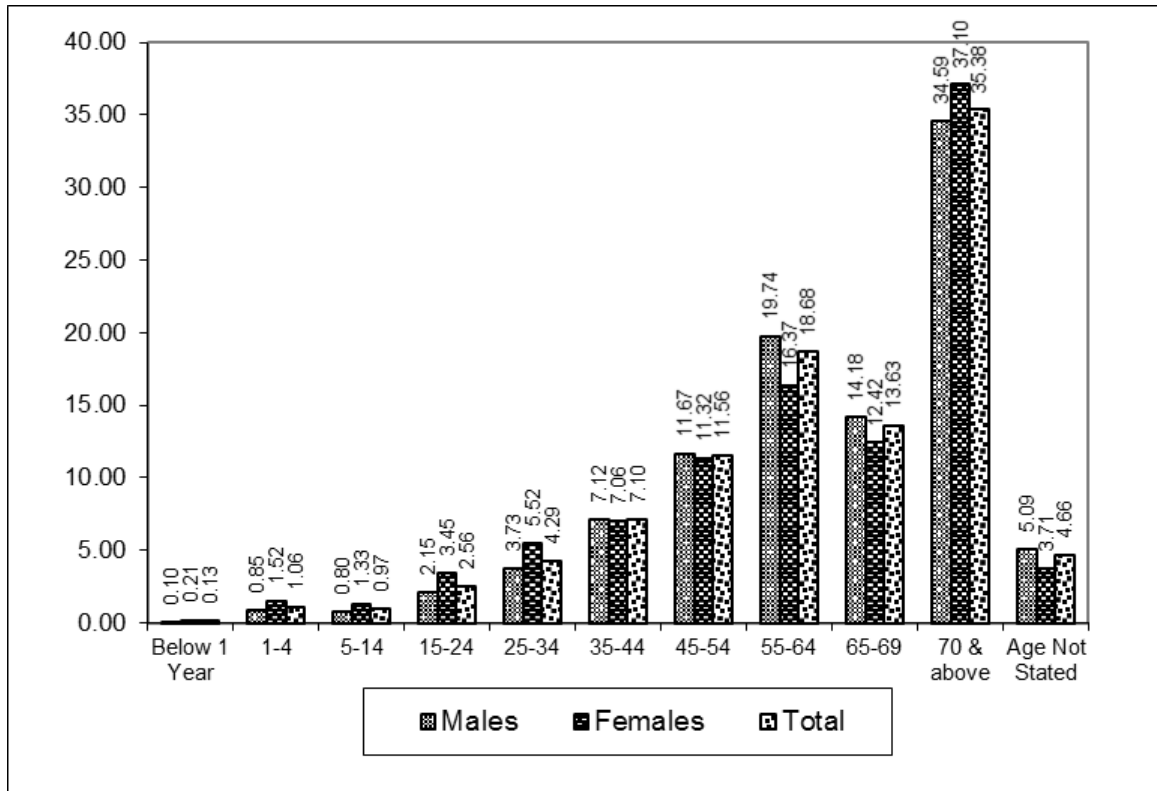
Statement – 15

Age Distribution of Deaths due to Diseases of Respiratory system Under MCCD-2013

Sl. No	Age Group (In years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	8	0.10	8	0.21	16	0.13
2	1-4	71	0.85	58	1.52	129	1.06
3	5-14	67	0.80	51	1.33	118	0.97
4	15-24	181	2.15	132	3.45	313	2.56
5	25-34	313	3.73	211	5.52	524	4.29
6	35-44	598	7.12	270	7.06	868	7.10
7	45-54	980	11.67	433	11.32	1413	11.56
8	55-64	1658	19.74	626	16.37	2284	18.68
9	65-69	1191	14.18	475	12.42	1666	13.63
10	70 & above	2906	34.59	1419	37.10	4325	35.38
11	Age Not Stated	428	5.09	142	3.71	570	4.66
	Total	8401	100.00	3825	100.00	12226	100.00

Chart – 15

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD – 2014



3.11.2 The age group ‘70 and above years’ has reported maximum incidence of deaths (35.38 per cent) under the major cause group followed by the age group ‘55-64 years’ with 18.68 per cent of deaths due to ‘Diseases of Respiratory system’. The children of age group 0-4 have contributed to only 1.19 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 79 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. 12.03 per cent for females compared to 7.63 per cent of males).

3.12. Neoplasms (II) : The Sixth leading cause, *Neoplasm*, which is commonly known as Cancer, is responsible for 7.46 per cent of the total medically certified deaths. The share of deaths due to *Neoplasms* in total female deaths is 9.04 per cent as compared to the corresponding figure of 6.58 per cent in case of males. Among total female medically certified deaths, it is the fourth leading cause of death. The distribution of major causes of deaths under the group is given in the **Statement-16** and depicted in **Chart-16**.

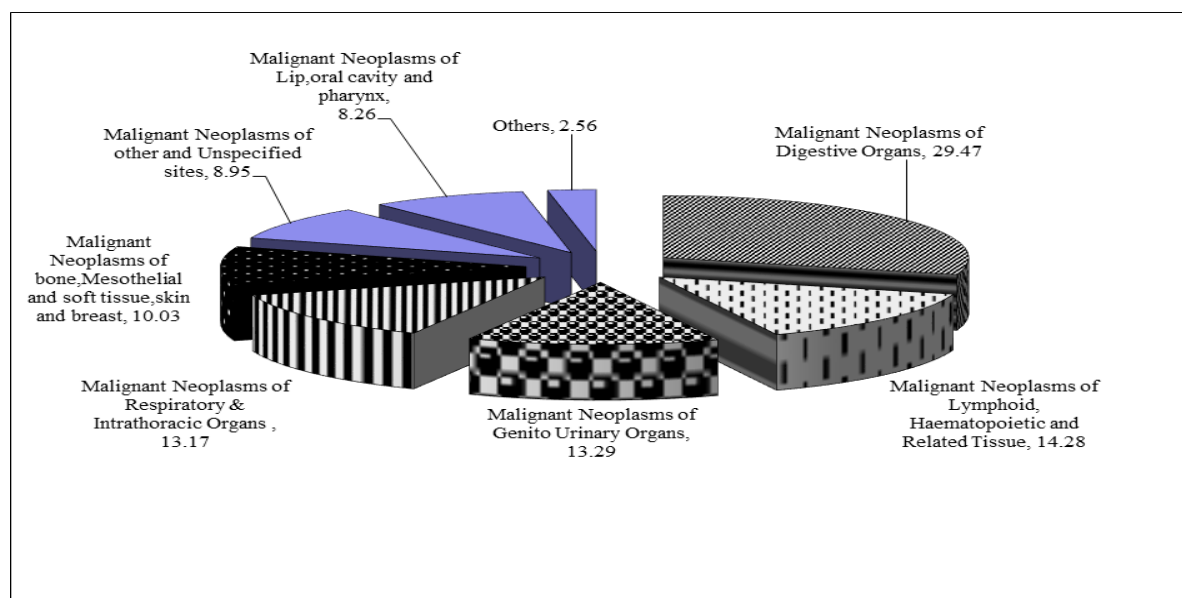
Statement- 16

Distribution of Major Causes of Deaths Due to Neoplasms under MCCD–2014

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Malignant Neoplasms of Digestive Organs	2133	34.33	1081	23.04	3214	29.47	2.2
2	Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue	949	15.27	608	12.96	1557	14.28	1.06
3	Malignant Neoplasms of Genito Urinary Organs	505	8.13	944	20.12	1449	13.29	0.99
4	Malignant Neoplasms of Respiratory & Intrathoracic Organs	1119	18.01	317	6.76	1436	13.17	0.98
5	Malignant Neoplasms of bone, Mesothelial and soft tissue, skin and breast	147	2.37	947	20.18	1094	10.03	0.75
6	Malignant Neoplasms of other and Unspecified sites	558	8.98	418	8.91	976	8.95	0.67
7	Malignant Neoplasms of lip, oral cavity and pharynx	637	10.25	264	5.63	901	8.26	0.62
8	Others	166	2.67	113	2.41	279	2.56	0.19
	Total medically Certified Deaths due to Neoplasms	6214	100.00	4692	100.00	10906	100.00	7.46
	Deaths due to Neoplasms as percentage to total medically certified deaths		6.58		9.04		7.46	

CHART – 16

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO NEOPLASMS UNDER MCCD – 2014



3.12.1 Among the Neoplasm deaths, *‘Malignant Neoplasm of Digestive Organs’* accounts for the highest mortality of 29.47 percent, followed by *‘Malignant of Lymphoid, haematopoetic & other related tissue’* (14.28 per cent), *‘Malignant Neoplasms of Genitor-Urinary Organs’* (13.29 per cent) and *‘Malignant Neoplasm of Respiratory Intrathoracic Organs’* (13.17 per cent). The share of deaths due to Malignant Neoplasms of Digestive Organs in males to total male Neoplasm deaths is 34.33 per cent as against 23.04 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 20.12 per cent as compared to 8.13 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 80.94 per cent. Among female deaths cause by *‘Malignant Neoplasms of bone, mesothelial and soft tissue, skin and breast’* 835 (88.18 per cent) are due to breast cancer. Breast cancer alone accounts for around 17.80 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 14.52 per cent of total male Neoplasm deaths.

3.12.2 The incidence of Neoplasm death is reported to be the highest i.e. 24.71 per cent in the age group 55-64 years (25.99 per cent of males and 23.02 per cent of females) followed by the age group '70 and above years' recording 21.46 per cent of deaths (23.17 per cent of males and 19.18 per cent of females). Around 87 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-17** and **Chart-17**

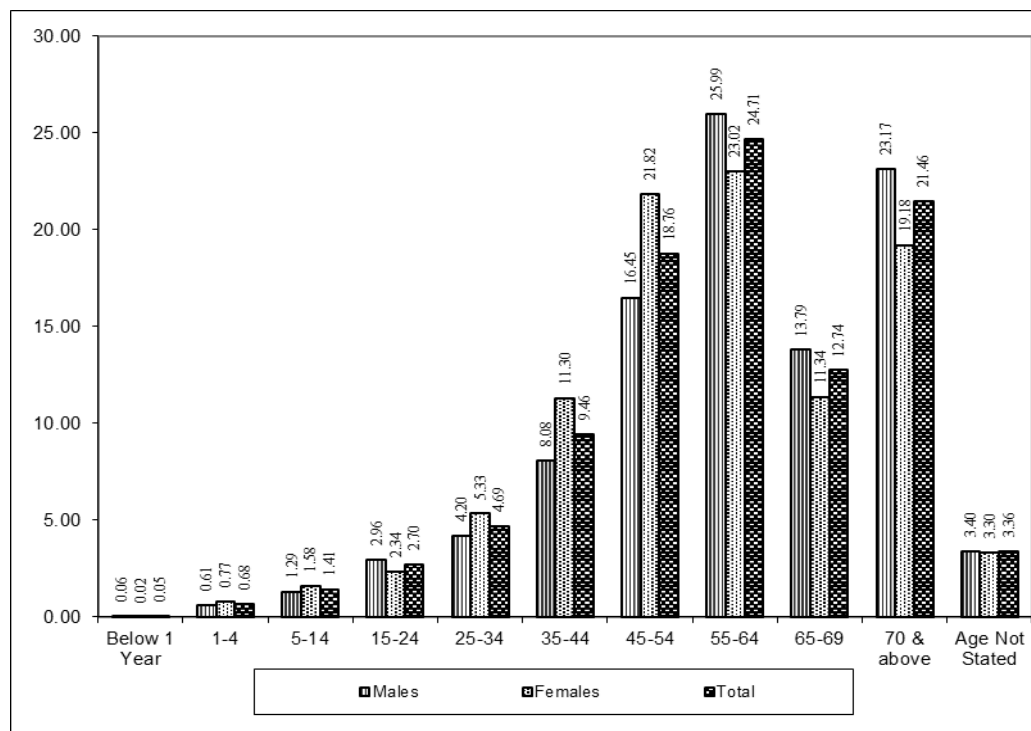
Statement- 17

Age Distribution of Deaths Due to Neoplasm Under MCCD-2014

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	4	0.06	1	0.02	5	0.05
2	1-4	38	0.61	36	0.77	74	0.68
3	5-14	80	1.29	74	1.58	154	1.41
4	15-24	184	2.96	110	2.34	294	2.70
5	25-34	261	4.20	250	5.33	511	4.69
6	35-44	502	8.08	530	11.30	1032	9.46
7	45-54	1022	16.45	1024	21.82	2046	18.76
8	55-64	1615	25.99	1080	23.02	2695	24.71
9	65-69	857	13.79	532	11.34	1389	12.74
10	70 & above	1440	23.17	900	19.18	2340	21.46
11	Age Not Stated	211	3.40	155	3.30	366	3.36
	Total	6214	100.00	4692	100.00	10906	100.00

CHART- 17

AGE DISTRIBUTION OF DEATHS DUE TO NEOPLASM UNDER MCCD-2014



3.13 Diseases of the Digestive System (XI): The major group comprising '*Diseases of Digestive system*' is the seventh leading cause group, responsible for 6.60 per cent of the total medically certified deaths with 8.41 per cent of male and 3.31 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-18** and is highlighted in **Chart-18**.

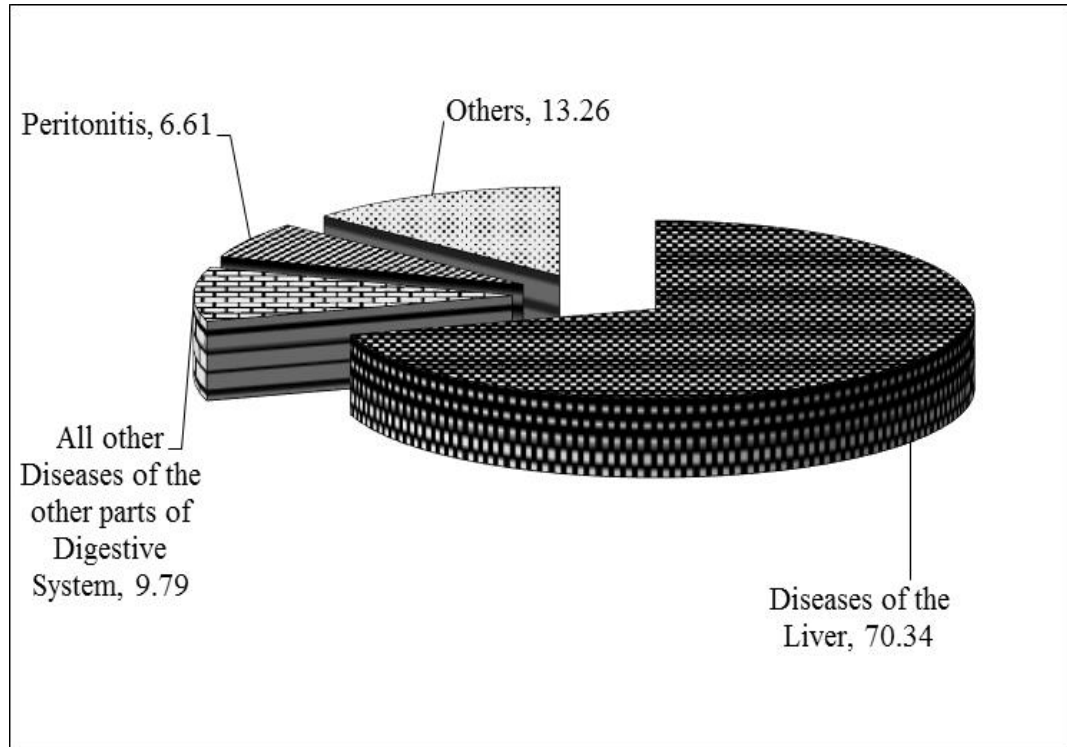
Statement – 18

Distribution of Deaths due to Digestive System Under MCCD-2014

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diseases of the Liver	5823	73.37	966	56.29	6789	70.34	4.64
2	All other Diseases of the other parts of Digestive System	729	9.19	216	12.59	945	9.79	0.65
3	Peritonitis	454	5.72	184	10.72	638	6.61	0.44
4	Others	930	11.72	350	20.4	1280	13.26	0.87
	Total Medically Certified Deaths due to Digestive System	7936	100.00	1716	100.00	9652	100.00	6.60
	Deaths due to Diseases of Digestive System as percentage to total medically certified deaths		8.41		3.31		6.60	

CHART – 18

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DIGESTIVE SYSTEM UNDER MCCD – 2014



3.13.1 Among the deaths due to disorders of digestive system, *'Diseases of the Liver'* account for 70.34 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 9.79 per cent and 6.61 per cent of total deaths under this major cause group.

3.13.2 The **Statement-19** reveals that the age group '45-54 years' have reported the maximum deaths (24.47 per cent) under the major group *'Diseases of Digestive System'*. As high as 92.07 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-19.**

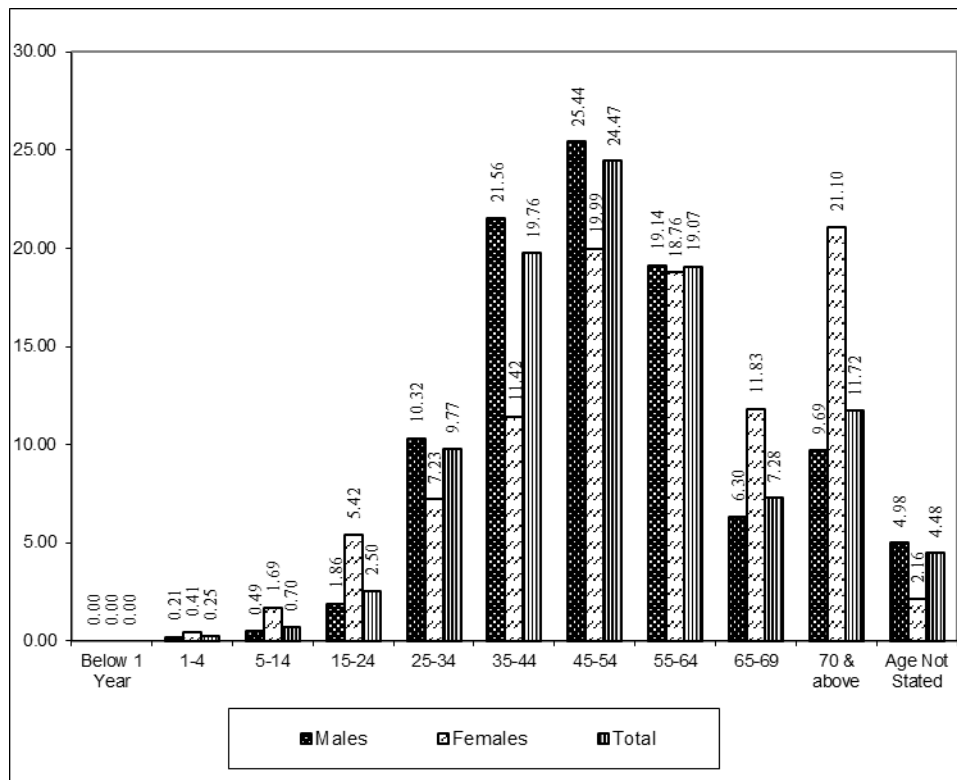
Statement - 19

Age Distribution of Deaths due to Digestive System Under MCCD-2014

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	0	0.00	0	0.00	0	0.00
2	1-4	17	0.21	7	0.41	24	0.25
3	5-14	39	0.49	29	1.69	68	0.70
4	15-24	148	1.86	93	5.42	241	2.50
5	25-34	819	10.32	124	7.23	943	9.77
6	35-44	1711	21.56	196	11.42	1907	19.76
7	45-54	2019	25.44	343	19.99	2362	24.47
8	55-64	1519	19.14	322	18.76	1841	19.07
9	65-69	500	6.30	203	11.83	703	7.28
10	70 & above	769	9.69	362	21.10	1131	11.72
11	Age Not Stated	395	4.98	37	2.16	432	4.48
	Total	7936	100.00	1716	100.00	9652	100.00

CHART - 19

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF DIGESTIVE SYSTEM UNDER MCCD – 2014



3.14 Endocrine, Nutritional and Metabolic Diseases (IV) : This is the eighth leading cause group has contributed to 5.36 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 81.13 per cent of total deaths reported under the cause group. The share of Diabetes Mellitus in total medically certified deaths is 4.35 percent. The distribution of major causes of deaths under this group is given in **Statement-20** and is depicted in the **Chart-20**.

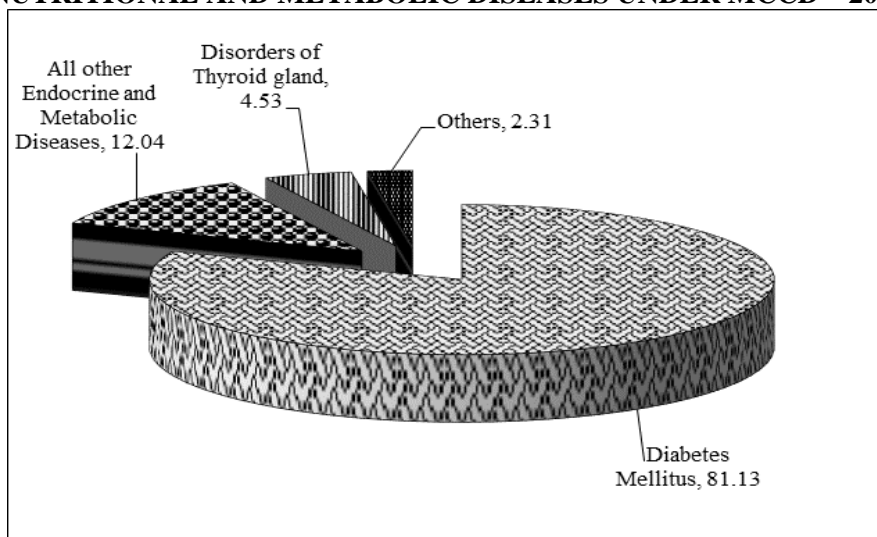
Statement – 20

Distribution of Deaths due to Endocrine, Nutritional and Metabolic Diseases under MCCD – 2014

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diabetes Mellitus	3689	81.56	2674	80.54	6363	81.13	4.35
2	All other Endocrine and Metabolic Diseases	605	13.38	339	10.21	944	12.04	0.65
3	Disorders of Thyroid gland	109	2.41	246	7.41	355	4.53	0.24
4	Others	120	2.65	61	1.84	181	2.31	0.12
	Total Medically Certified Deaths due to Endocrine, Nutritional and Metabolic Diseases	4523	100	3320	100	7843	100	5.36
	Deaths due to Diseases of Endocrine, Nutritional and metabolic Diseases as percentage to total medically certified deaths		4.79		6.4		5.36	

Chart – 20

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES UNDER MCCD – 2014



3.14.1 The incidence of '*Diabetes Mellitus*' death is reported to be the highest for the age group 70 and above (37.23 per cent). The **Statement-21** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 89 per cent of the total Diabetes Mellitus deaths under MCCD.

Statement – 21

Age Distribution of Deaths Due to Diabetes Mellitus Under MCCD – 2014

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	0	0	1	0.04	1	0.02
4	15-24	16	0.43	8	0.3	24	0.38
5	25-34	67	1.82	42	1.57	109	1.71
6	35-44	213	5.77	116	4.34	329	5.17
7	45-54	590	15.99	303	11.33	893	14.03
8	55-64	875	23.72	628	23.49	1503	23.62
9	65-69	520	14.1	401	15	921	14.47
10	70 & above	1272	34.48	1097	41.02	2369	37.23
11	Age Not Stated	136	3.69	78	2.92	214	3.36
	Total	3689	100	2674	100	6363	100

Other Causes of Death

3.15 Diseases of the Genito-Urinary System (XIV)

Out of every hundred medically certified deaths, around three are reported from '*Diseases of Genitourinary System*'. Renal failure is the cause of maximum deaths (55.40 per cent) under the '*Genitourinary System*' disease with the overall share of 1.73 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-21**.

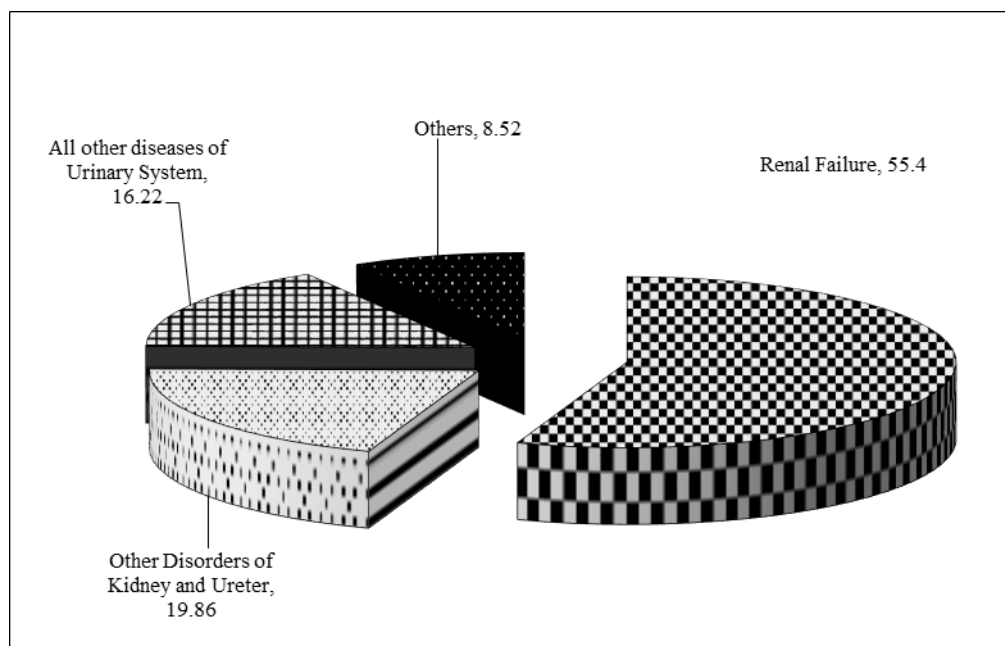
Statement – 22

Distribution of Major Causes of Deaths Due to Diseases of the Genitourinary System Under MCCD – 2013

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Renal Failure	1649	56.73	886	53.09	2535	55.4	1.73
2	Other Disorders of Kidney and Ureter	599	20.61	310	18.57	909	19.86	0.62
3	All other diseases of Urinary System	408	14.04	334	20.01	742	16.22	0.51
4	Others	251	8.63	139	8.33	390	8.52	0.27
	Total Medically Certified Deaths due to Genitourinary System	2907	100	1669	100	4576	100	3.13
	Deaths due to Diseases of Genitourinary System as percentage to total Medically certified Deaths		3.08		3.21		3.13	

CHART – 21

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE GENITOURINARY SYSTEM UNDER MCCD – 2014



3.15.1 The incidence of '*Renal failure*' death is reported to be, the highest for the age '*70 and above years*' (29.94 per cent). The **Statement-23** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 78 per cent of total deaths reported under MCCD due to renal failure.

Statement – 23

Age Distribution of Deaths Due to Renal Failure Under MCCD-2014

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	0	0.00	0	0.00	0	0.00
4	15-24	41	2.49	38	4.29	79	3.12
5	25-34	73	4.43	53	5.98	126	4.97
6	35-44	150	9.10	58	6.55	208	8.21
7	45-54	261	15.83	143	16.14	404	15.94
8	55-64	360	21.83	179	20.20	539	21.26
9	65-69	183	11.10	101	11.40	284	11.20
10	70 & above	481	29.17	278	31.38	759	29.94
11	Age Not stated	100	6.06	36	4.06	136	5.36
	Total	1649	100.00	886	100.00	2535	100.00

3.16 Diseases of the Nervous System (VI):

The cause group of Diseases of Nervous System is responsible for 2.21 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-22**

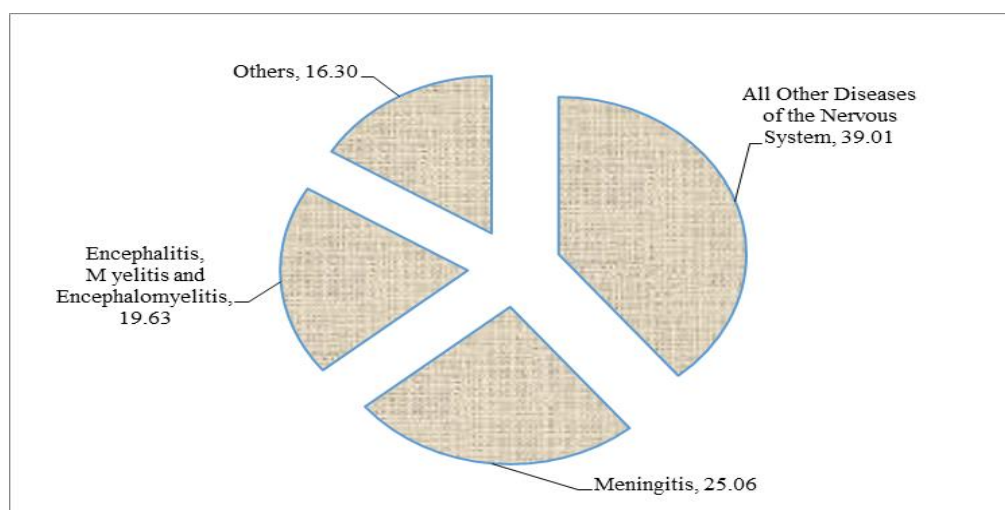
Statement - 24

Distribution of Major Causes of Deaths due to Diseases of the Nervous System under MCCD – 2014

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All Other Diseases of The Nervous System	854	41.16	410	35.19	1264	39.01	0.86
2	Meningitis	513	24.72	299	25.67	812	25.06	0.56
3	Encephalitis, Myelitis and Encephalomyelitis	369	17.78	267	22.92	636	19.63	0.43
4	Others	339	16.34	189	16.22	528	16.30	0.36
	Total Medically Certified Deaths due to Diseases of Nervous System	2075	100	1165	100	3240	100	2.21
	Deaths due to Diseases of Nervous System as percentage to total Medically Certified Deaths		2.2		2.24		2.21	

Chart – 22

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDER MCCD – 2014



'All other Diseases of the Nervous System' accounts for the maximum (39.01 per cent) deaths reported under this group, followed by *'Meningitis'* (25.06 per cent) and *'Encephalitis Myelitis and Encephalomyelitis'* (19.63 per cent). The share of *'Meningitis'* in the total medically certified deaths is about 0.56 per cent.

3.16.1 The age group '70 & above' has reported the maximum deaths (15.31 per cent) under the major group *'Diseases of the Nervous System'*, this is followed by age groups 55-64 and 45-54 years have 13.09 per cent and 12.56 per cent. Viewed from the angle of age, it affects worstly the age group below 1 year (7.35 per cent). The distribution of age-wise deaths is depicted in **Statement-25** and **Chart-23**

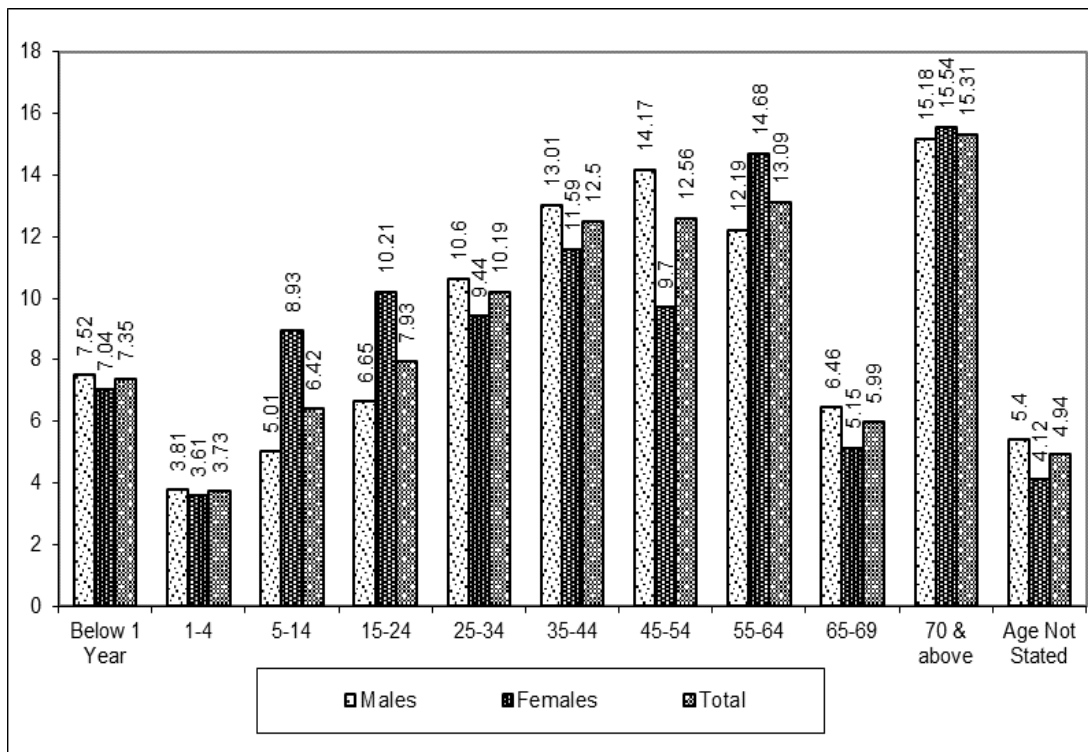
Statement – 25

Agewise Distribution of Deaths Due to Diseases of the Nervous System Under MCCD-2014

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	156	7.52	82	7.04	238	7.35
2	1-4	79	3.81	42	3.61	121	3.73
3	5-14	104	5.01	104	8.93	208	6.42
4	15-24	138	6.65	119	10.21	257	7.93
5	25-34	220	10.6	110	9.44	330	10.19
6	35-44	270	13.01	135	11.59	405	12.5
7	45-54	294	14.17	113	9.7	407	12.56
8	55-64	253	12.19	171	14.68	424	13.09
9	65-69	134	6.46	60	5.15	194	5.99
10	70 & above	315	15.18	181	15.54	496	15.31
11	Age Not Stated	112	5.4	48	4.12	160	4.94
	Total	2075	100	1165	100	3240	100

Chart- 21

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDR MCCD – 2014



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

This leading major cause group responsible for 1.82 per cent of the total medically certified deaths of which 1.63 per cent of males and 2.20 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 78.81 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-2014

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	1202	78.20	911	79.63	2113	78.81	1.44
2	Senility	123	8.00	115	10.05	238	8.88	0.16
3	Others	212	13.79	118	10.31	330	12.31	0.23
	Total medically Certified Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified	1537	100.00	1144	100.00	2681	100.00	1.83
	Deaths due to Diseases of Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified as percentage to total medically certified deaths		1.63		2.20		1.83	

3.17.1 As shown in the **Statement-27** the highest incidence of deaths (46.44 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 Under MCCD-2014

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	0	0	0	0	0	0
2	1-4	2	0.13	0	0	2	0.07
3	5-14	9	0.59	4	0.35	13	0.48
4	15-24	32	2.08	24	2.1	56	2.09
5	25-34	56	3.64	46	4.02	102	3.8
6	35-44	108	7.03	57	4.98	165	6.15
7	45-54	202	13.14	79	6.91	281	10.48
8	55-64	268	17.44	133	11.63	401	14.96
9	65-69	136	8.85	104	9.09	240	8.95
10	70 & above	606	39.43	639	55.86	1245	46.44
11	Age Not Stated	118	7.68	58	5.07	176	6.56
	Total	1537	100	1144	100	2681	100

3.18 Congenital Malformations, Deformations and Chromosomal Abnormalities (XVII)

Merely 2435 deaths are reportedly caused by '*Congenital Malformations, deformations and Chromosomal abnormalities*', constituting about 1.67 per cent of the total medically certified deaths. The majority of these deaths occur for age less than one year (1582 or 64.97 per cent). Under this cause group, about 53.14 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 – 2014

Sl. No	Cause of Death	Age Group (In years)			Percentage to total
		<1	1 year and above (Including age not specified)	Total	
1	Spina Bifida	30	1	31	1.27
2	Congenital Malformations of the Circulatory System	900	394	1294	53.14
3	Cleft Lip and Cleft Palate	0	1	1	0.04
4	All other Congenital Malformations, Deformations & Chromosomal Abnormalities	652	457	1109	45.54
	Total	1582	853	2435	
	Percentage to Total	64.97	35.03	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 1.59 per cent of the total medically certified deaths. This cause group accounts for 1.33 per cent of total male and 2.07 per cent of total female medically certified deaths. "*Other Anaemias*" is the major cause constitutes around 75 per cent of total deaths reported in the cause group and 1.20 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-2014

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Anaemias	912	72.79	844	78.37	1756	75.36	1.20
2	All other Diseases of blood & blood forming organs	266	21.23	204	18.94	470	20.17	0.32
	Others	75	5.99	29	2.69	104	4.46	0.07
	Total medically Certified Deaths due to Blood and Blood forming organs and Immunity Mechanism	1253	100	1077	100	2330	100	1.59
	Deaths due to Diseases of Blood and Blood forming organs and Immunity Mechanism as percentage to total medically certified deaths		1.33		2.07		1.59	

3.20 Diseases of the Skin and Subcutaneous Tissue (XII)

These diseases account for 1074 medically certified deaths (0.74 per cent of the total medically certified deaths). This cause group accounts for 0.75 per cent of total male and 0.72 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'* (881deaths).

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

The group consisting of *'Complications of Pregnancy, Childbirth and the Puerperium'* has reportedly caused 1069 deaths (2.06 per cent of the total female medically certified deaths). As high as 91.77 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 8.23 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 – 2014

Sl. No	Cause of Death	No.	%	% to total female Medically Certified Deaths
1	Other Direct Obstetric Deaths	989	92.52	1.91
2	Other Obstetric Conditions not elsewhere Classified	44	4.12	0.08
3	Pregnancy with Abortive Outcome	36	3.37	0.07
	Total Medically Certified Deaths due to Complication of Pregnancy, Childbirth and Puerperium	1069	100	2.06

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

This has contributed to only 307 deaths i.e. around 0.21 per cent of total medically certified deaths.

3.23 Mental and Behavioural Disorders (V)

The group relating to Mental and Behavioural disorders accounts for 120 deaths (0.09 per cent of total medically certified deaths). The age group 25-64 years constitutes around 76 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 (86 males to 34 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 – 2014

Sl. No	Cause of Death	Age Group								% to Total
		<15	15-24	25-34	35-44	45-54	55-64	Others	Total	
1	Mental And Behavioural Disorders due to Psychoactive Substance use	0	0	4	10	13	9	14	50	41.67
2	Schizophrenia, Schizotypal & Delusional Disorders	0	2	4	11	22	11	9	59	49.17
3	All Other Mental Behavioural Disorders	0	0	1	0	1	5	4	11	9.17
	Total	0	2	9	21	36	25	27	120	100.0
	Percentage to total	0.0	1.7	7.5	17.5	30.0	20.8	22.5	100.0	

3.24 The least harmful major causes are Diseases of the Eye and Adnexa (VII) and Diseases of the Ear and Mastoid Process (VIII). No significant mortality is reported due to these causes. They are reporting merely 10 and 7 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 11.28 per cent and 11.81 per cent respectively. The maximum incidence of death under this age group (86.98 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*, (77.65 per cent). This is followed by *‘Congenital Malformations, Deformations & Chromosomal Abnormalities’* (9.43 per cent) of which *Congenital Malformations of the Circulatory System* (56.89 per cent) is the major constituent. *‘Certain Infectious and Parasitic Diseases’* which contribute to about 1.44 per cent of the total infant deaths, assume third rank, having *Diarrhoea and Gastro enteritis of Presumed Infectious Origin* (46.89 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**

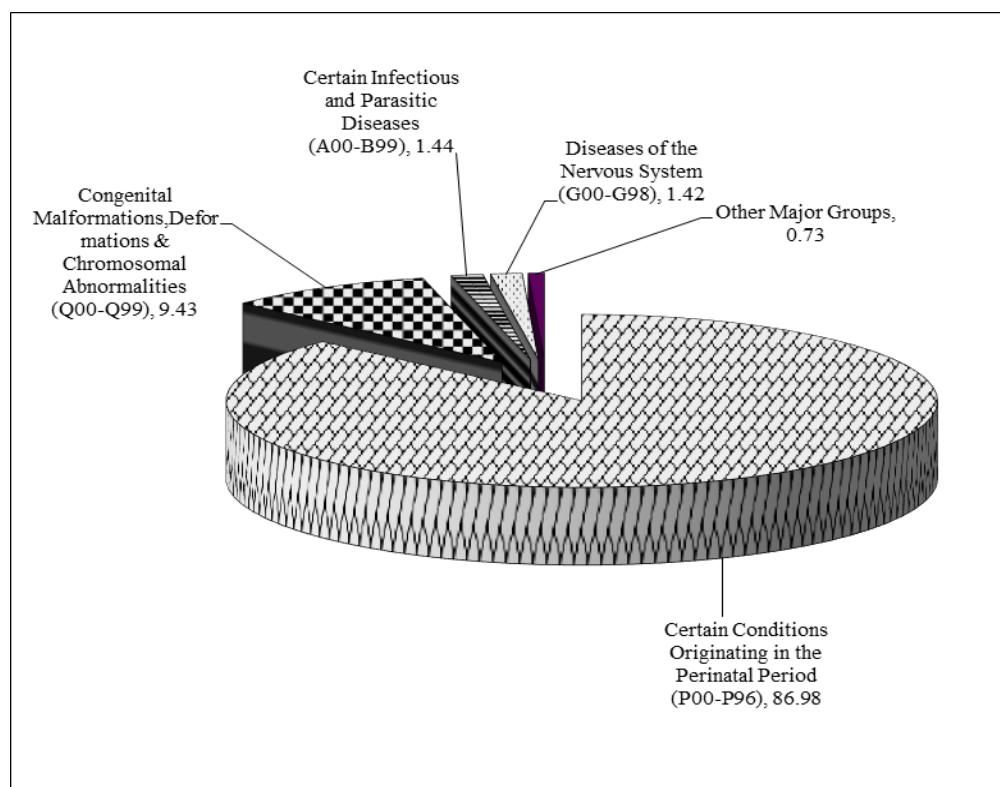
Statement – 32

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)	9243	86.85	5344	87.19	14587	86.98
2	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	1011	9.5	571	9.32	1582	9.43
3	Certain Infectious and Parasitic Diseases(A00-B99)	153	1.44	88	1.44	241	1.44
4	Diseases of the Nervous System (G00-G98)	156	1.47	82	1.34	238	1.42
5	Other Major Groups	79	0.74	44	0.72	123	0.73
	Total Medically Certified Deaths in the age group <1 Year	10642	100	6129	100	16771	100
	Deaths in the age group <1 year as percentage to total Medically certified deaths		11.28		11.81		11.46

Chart – 23

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG INFANTS
BY MAJOR CAUSE GROUP



4.2 Children aged 1-4 year: Of the total medically certified deaths, 0.95 per cent has been reported from this age-group, accounting for 0.86 per cent and 1.13 per cent of total male and female medically certified deaths respectively. ***‘Congenital Malformations, Deformations and Chromosomal Abnormalities’*** rank first, constituting 29.75 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 45.06 per cent of the deaths in Congenital Abnormalities group. ***‘Certain infectious and Parasitic Diseases’*** is the second leading cause contribute around 22.08 per cent of total medically certified deaths in the age group. ***Other Arthropod Born Viral Fevers and Viral Haemorrhagic fevers*** (27.28 per cent), ***Septicaemia*** (16.24 per cent), ***Other Viral Encephalitis*** (14.94 per cent) and ***Diarrhoea and Gastro enteritis of Presumed Infectious Origin*** (10.07 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 38.47 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 24**.

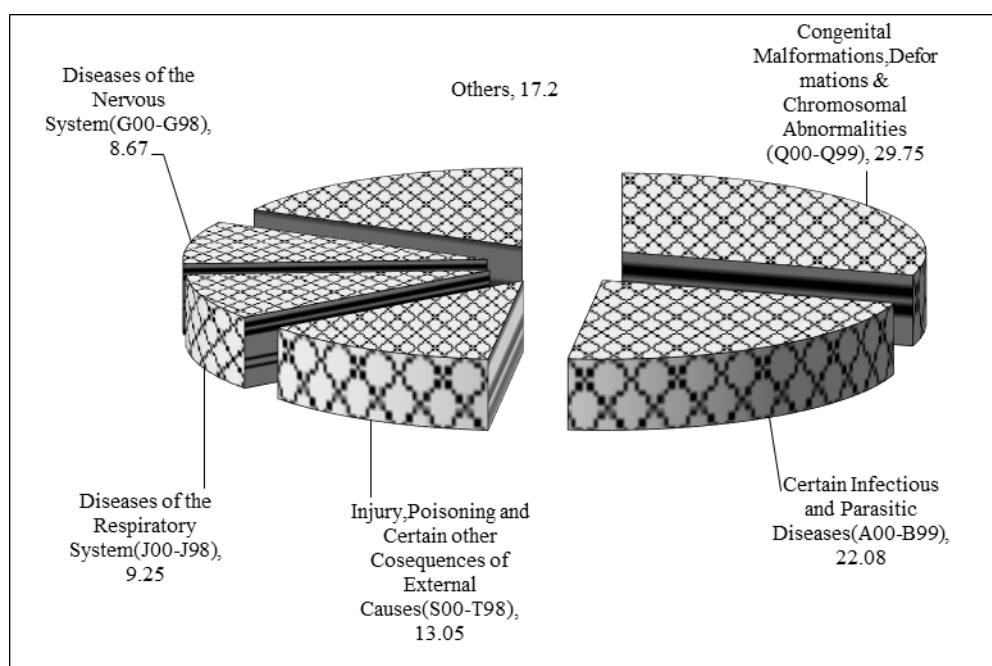
Statement – 33

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)	242	29.91	173	29.52	415	29.75
2	Certain Infectious and Parasitic Diseases(A00-B99)	163	20.15	145	24.74	308	22.08
3	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	116	14.34	66	11.26	182	13.05
4	Diseases of the Respiratory System(J00-J98)	71	8.78	58	9.9	129	9.25
5	Diseases of the Nervous System(G00-G98)	79	9.77	42	7.17	121	8.67
6	Others	138	17.06	102	17.41	240	17.2
	Total Medically Certified Deaths in the age group 1-4 Years	809	100	586	100	1395	100
	Deaths in the age group 1-4 year as percentage to total Medically certified deaths		0.86		1.13		0.95

CHART -24

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



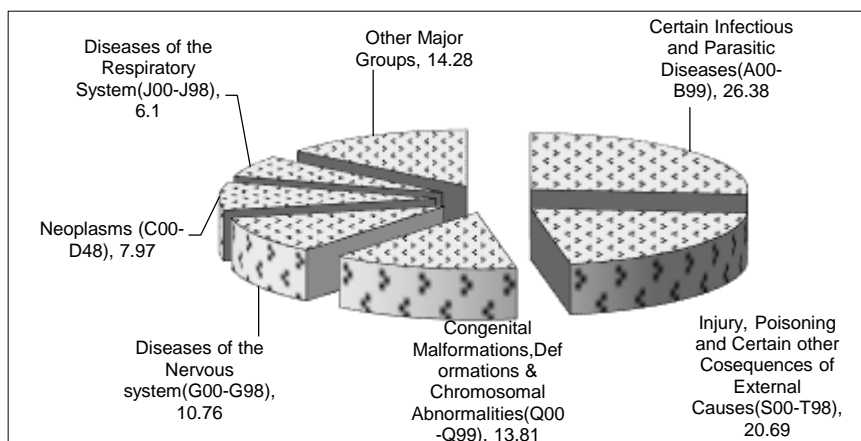
4.3 Children aged 5-14 years: The share of this age group in the total medically certified deaths is 1.32 per cent, constituting 1.10 per cent and 1.73 per cent of total male and female medically certified deaths respectively. Of the total reported deaths under this age group, the share of '*Certain infectious and Parasitic Diseases*' is 26.38 per cent followed by *Injury, Poisoning and Certain other Consequences of External Causes* (20.69 per cent), *Congenital Malformation, Deformation & Chromosomal Abnormalities* (13.81 per cent), *Diseases of the Nervous System* (10.76 per cent), *Neoplasm* (7.97 per cent) and *Diseases of Respiratory System* (6.10 per cent). The Distribution of mortality in the age group 5-14 years, by major cause groups is given in **Statement- 34** and **Chart - 25**.

Statement – 34

Distribution of Mortality among children in the Age Group 5-14 years by Major Cause group-2014

Sl.No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Infectious and Parasitic Diseases(A00-B99)	258	24.88	252	28.13	510	26.38
2	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	217	20.93	183	20.42	400	20.69
3	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	166	16.01	101	11.27	267	13.81
4	Diseases of the Nervous system(G00-G98)	104	10.03	104	11.61	208	10.76
5	Neoplasms (C00-D48)	80	7.71	74	8.26	154	7.97
6	Diseases of the Respiratory System(J00-J98)	67	6.46	51	5.69	118	6.1
7	Other Major Groups	145	13.98	131	14.62	276	14.28
	Total Medically Certified Deaths in the age group 5-14 Year	1037	100	896	100	1933	100
	Deaths in the age group 5-14 year as percentage to total Medically certified deaths		1.10		1.73		1.32

CHART – 25
PERCENTAGE DISTRIBUTION OF MORTALITY AMONG CHILDREN IN THE AGE GROUP 5-14 YEARS BY MAJOR CAUSE GROUPS



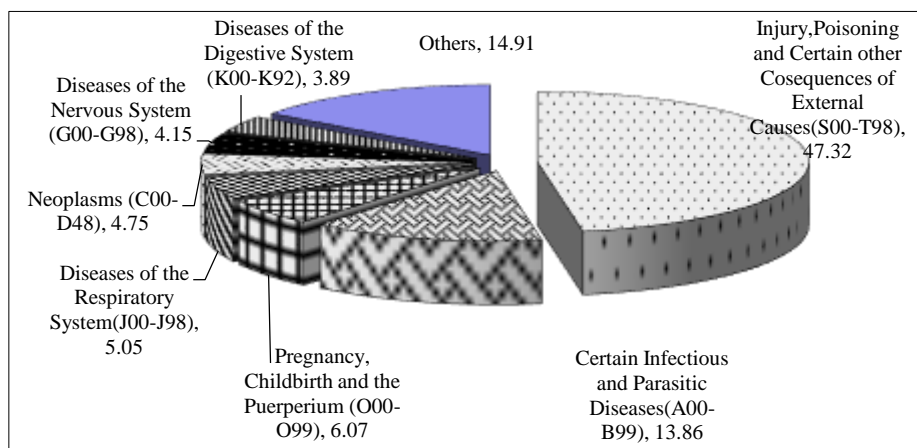
4.4 Persons aged 15-24 years: This age-group has contributed to 4.24 per cent of the total medically certified deaths and the share of male and female deaths to the corresponding total being 3.25 per cent and 6.03 per cent respectively. The category consisting of *“Injury, Poisoning & certain other consequences of External causes”* has caused the maximum deaths 47.32 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 13.86 per cent, 5.05 per cent and 4.75 per cent and 4.15 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 – 35** and **Chart-26**.

Statement – 35
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)	1505	49.09	1427	45.59	2932	47.32
2	Certain Infectious and Parasitic Diseases(A00-B99)	453	14.77	406	12.97	859	13.86
3	Pregnancy, Childbirth and the Puerperium (O00-O99)	0	0	376	12.01	376	6.07
4	Diseases of the Respiratory System(J00-J98)	181	5.9	132	4.22	313	5.05
5	Neoplasms (C00-D48)	184	6	110	3.51	294	4.75
6	Diseases of the Nervous System(G00-G98)	138	4.5	119	3.8	257	4.15
7	Diseases of the Digestive System(K00-K92)	148	4.83	93	2.97	241	3.89
8	Others	457	14.91	467	14.92	924	14.91
	Total Medically Certified Deaths in the age group 15-24 Year	3066	100	3130	100	6196	100
	Deaths in the age group 15-24 year as percentage to total Medically certified deaths		3.25		6.03		4.24

Chart – 26

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 6.53 per cent and 7.74 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’* (33.66 per cent). The two other major determinants of deaths are *‘Certain Infectious and Parasitic Diseases’* (14.59) and *‘Diseases of the Circulatory System’* (14.51 per cent). The Distribution of Mortality in the age group 25-34 years, by major cause groups has been shown in **Statement - 36 & Chart- 27**

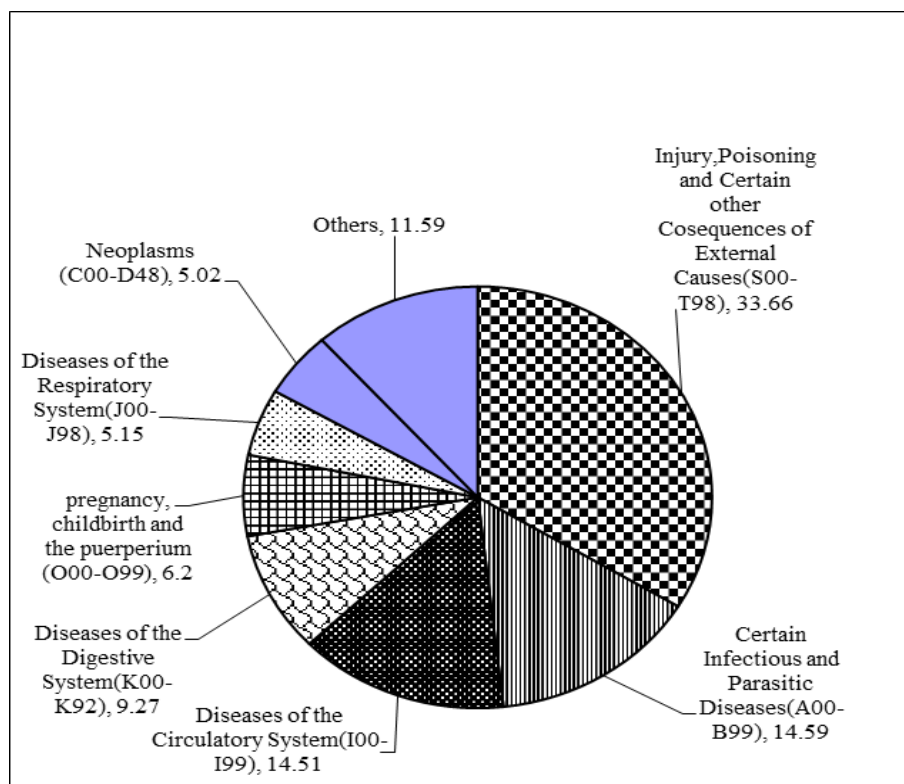
Statement – 36

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)	2170	35.22	1256	31.27	3426	33.66
2	Certain Infectious and Parasitic Diseases(A00-B99)	937	15.21	548	13.65	1485	14.59
3	Diseases of the Circulatory System(I00-I99)	984	15.97	493	12.28	1477	14.51
4	Diseases of the Digestive System(K00-K92)	819	13.29	124	3.09	943	9.27
5	Pregnancy, Childbirth and the Puerperium (O00-O99)	0	0	631	15.71	631	6.2
6	Diseases of the Respiratory System(J00-J98)	313	5.08	211	5.25	524	5.15
7	Neoplasms (C00-D48)	261	4.24	250	6.23	511	5.02
8	Others	677	10.99	503	12.52	1180	11.59
	Total Medically Certified Deaths in the age group 25-34 Year	6161	100	4016	100	10177	100
	Deaths in the age group 25-34 year as percentage to total Medically certified deaths		6.53		7.74		6.96

Chart -27

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 9.32 per cent, accounting for 10.31 per cent for male and 7.53 per cent of female deaths. *‘Diseases of the Circulatory System’, ‘Injury Poisoning and Certain other Consequences of External Causes’, ‘Certain Infectious and Parasitic Diseases’, ‘Diseases of Digestive System’, ‘Neoplasms’ and ‘Diseases of Respiratory System’* are leading cause groups of deaths together contributing around 85.66 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-37** and **Chart-28**.

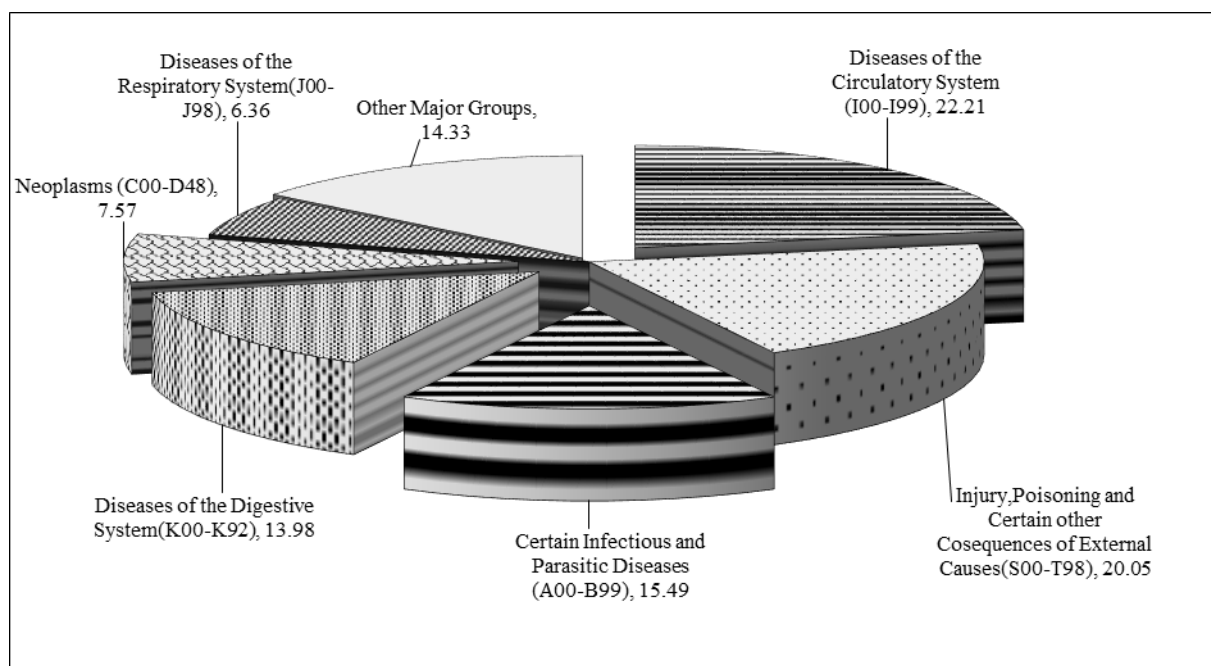
Statement -37

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)	2194	22.55	835	21.37	3029	22.21
2	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	1976	20.31	759	19.42	2735	20.05
3	Certain Infectious and Parasitic Diseases(A00-B99)	1513	15.55	599	15.33	2112	15.49
4	Diseases of the Digestive System(K00-K92)	1711	17.58	196	5.02	1907	13.98
5	Neoplasms (C00-D48)	502	5.16	530	13.56	1032	7.57
6	Diseases of the Respiratory System(J00-J98)	598	6.15	270	6.91	868	6.36
7	Other Major Groups	1236	12.7	719	18.4	1955	14.33
	Total Medically Certified Deaths in the age group 35-44 Years	9730	100	3908	100	13638	100
	Deaths in the age group 35-44 year as percentage to total Medically certified deaths		10.31		7.53		9.32

Chart – 28

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



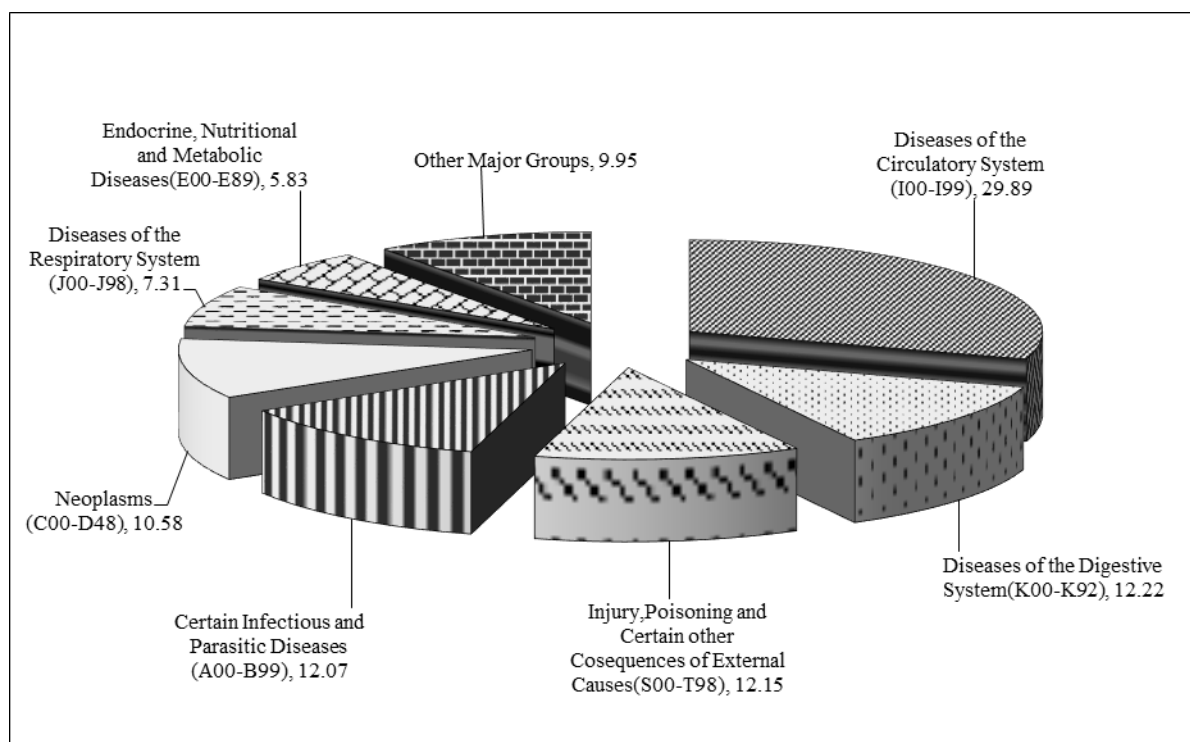
4.7 Persons aged 45-54 years: This age group has contributed to 13.22 per cent of the total medically certified deaths, constituting 14.48 per cent and 10.92 per cent of total male and female medically certified deaths respectively. The prominent causes of mortality in this age group are *‘Diseases of Circulatory System’* (29.89 per cent), *‘Diseases of the Digestive System’* (12.22 per cent), *‘Injury, Poisoning & Certain other consequences of External Causes’* (12.15 per cent), *‘Certain, Infectious and Parasitic Diseases’* (12.07 per cent), *‘Neoplasms’* (10.58 per cent) and *‘Diseases of the Respiratory System’* (7.31 per cent) and *‘Endocrine, Nutritional and Metabolic Diseases’* (5.83 per cent) which together contribute around 90.05 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 – 38** and **Chart -29**.

Statement – 38

**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)	4171	30.53	1609	28.37	5780	29.89
2	Diseases of the Digestive System(K00-K92)	2019	14.78	343	6.05	2362	12.22
3	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	1749	12.8	601	10.6	2350	12.15
4	Certain Infectious and Parasitic Diseases(A00-B99)	1697	12.42	637	11.23	2334	12.07
5	Neoplasms (C00-D48)	1022	7.48	1024	18.06	2046	10.58
6	Diseases of the Respiratory System(J00-J98)	980	7.17	433	7.64	1413	7.31
7	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	755	5.53	372	6.56	1127	5.83
8	Other Major Groups	1271	9.3	652	11.5	1923	9.95
	Total Medically Certified Deaths in the age group 45-54 Years	13664	100	5671	100	19335	100
	Deaths in the age group 45-54 year as percentage to total Medically certified deaths		14.48		10.92		13.22

Chart – 29
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 16.26 per cent in the total medically certified deaths, accounting for 17.17 per cent and 14.60 per cent of total male and female medically certified deaths respectively. ***‘Diseases of the Circulatory System’*** have contributed to the maximum number (37.98 per cent) of total deaths in this age-group, followed by ***Neoplasms*** (11.33 per cent), ***Diseases of the Respiratory System*** (9.60 per cent). In the ***Circulatory System deaths*** ***‘Ischaemic Heart Diseases’*** have taken the highest toll contributing around 40.26 per cent of total deaths. The cause group ***Neoplasm*** responsible for 11.33 per cent of the total deaths under the this age group has two major constituents i.e., Malignant Neoplasm of Digestive organ and Malignant Neoplasm of Respiratory & Intra thoracic Organs together accounting for 48.58 per cent. ***Diseases of the Respiratory System*** responsible for 9.60 per cent of the total deaths under this age group has two major constituents i.e., ***Pneumonia and Asthma***, together accounting for 31 per cent of total respiratory system deaths. The cause group ***‘Certain Infectious and Parasitic Diseases’*** is responsible for 8.67 per cent of the total deaths under this age group ***‘Respiratory Tuberculosis’*** constituted 45 per cent of total deaths (Refer Table-2). Around 72 per cent of the deaths under the cause group, ***‘Diseases of the Digestive system’*** 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-39** and **Chart – 30**.

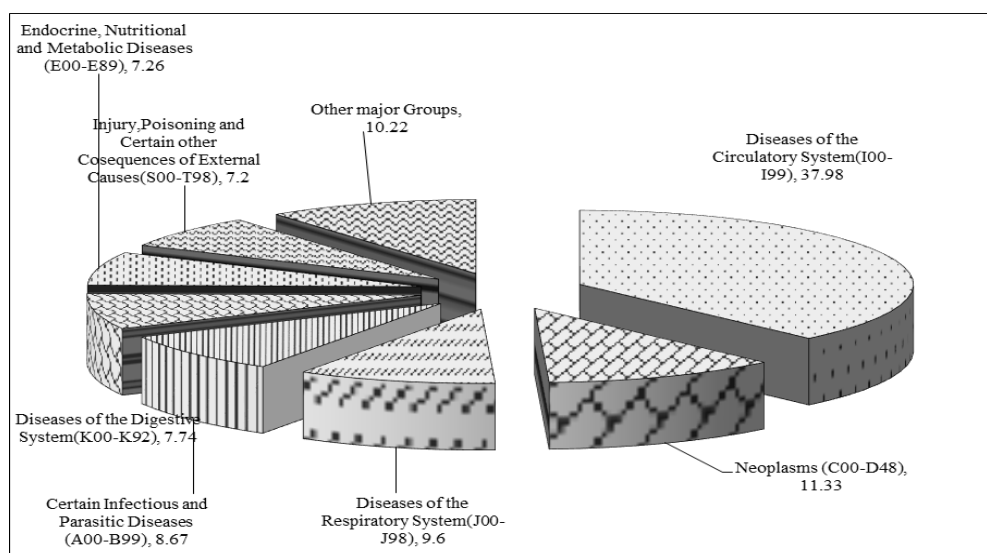
Statement -39

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)	6139	37.89	2894	38.17	9033	37.98
2	Neoplasms (C00-D48)	1615	9.97	1080	14.25	2695	11.33
3	Diseases of the Respiratory System(J00-J98)	1658	10.23	626	8.26	2284	9.6
4	Certain Infectious and Parasitic Diseases(A00-B99)	1472	9.08	591	7.8	2063	8.67
5	Diseases of the Digestive System(K00-K92)	1519	9.37	322	4.25	1841	7.74
6	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	993	6.13	733	9.67	1726	7.26
7	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	1286	7.94	426	5.62	1712	7.2
8	Other major Groups	1522	9.39	909	11.99	2431	10.22
	Total Medically Certified Deaths in the age group 55-64 Years	16204	100	7581	100	23785	100
	Deaths in the age group 55-64 year as percentage to total Medically certified deaths		17.17		14.6		16.26

Chart – 30

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 9.21 per cent, constituting 9.23 per cent and 9.19 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 (43.26 per cent). **'Ischaemic Heart Diseases'** constitute the highest share around 40.16 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 12.36 per cent. **'Other Lower Respiratory Disorders'** and **'Pneumonia'** are being the major constituents with the shares of 45.08 per cent and 16.87 per cent of this cause group respectively. **'Neoplasm'** rank third with 10.31 percent of the total deaths. Under this cause group **'Malignant Neoplasm of Digestive Organs'** is the main cause alone contribute 33 per cent of the deaths. **'Endocrine, Nutritional & Metabolic Diseases'** rank 4th with 7.92 per cent of the total deaths. Under this cause group **'Diabetes Mellitus'** alone contribute 86 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-40** and **Chart-31**.

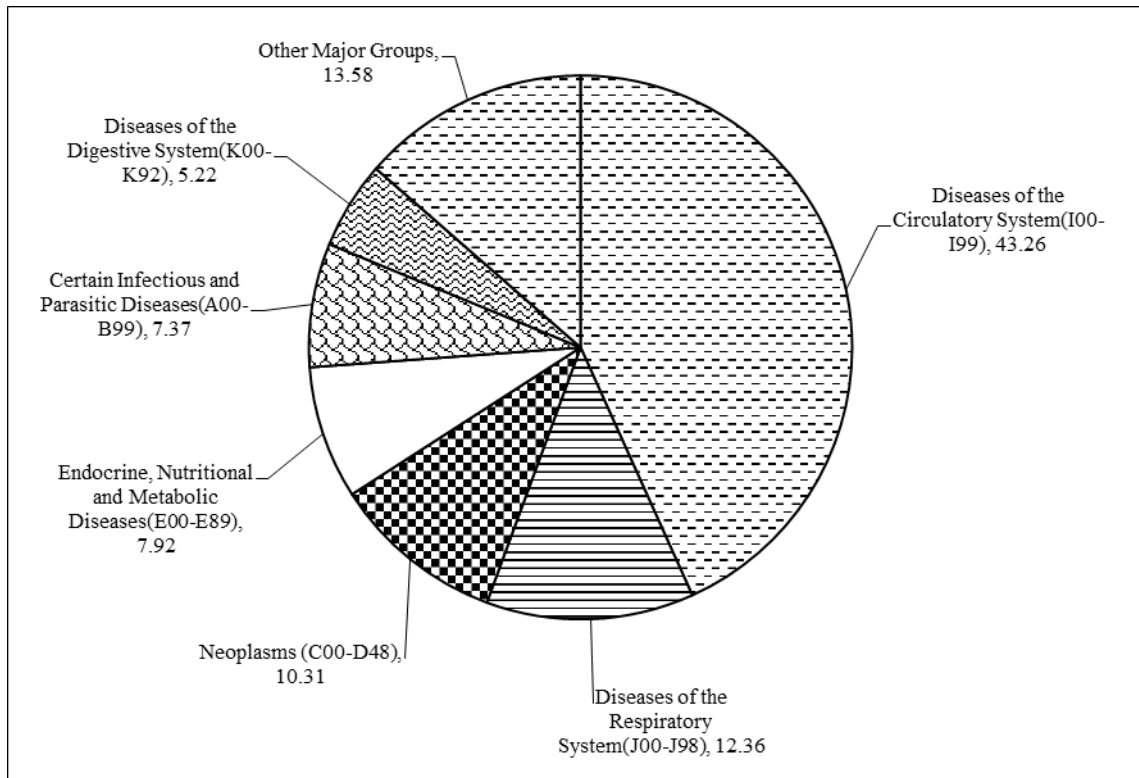
Statement - 40

**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)	3753	43.11	2077	43.52	5830	43.26
2	Diseases of the Respiratory System(J00-J98)	1191	13.68	475	9.95	1666	12.36
3	Neoplasms (C00-D48)	857	9.84	532	11.15	1389	10.31
4	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	596	6.85	471	9.87	1067	7.92
5	Certain Infectious and Parasitic Diseases(A00-B99)	645	7.41	348	7.29	993	7.37
6	Diseases of the Digestive System(K00-K92)	500	5.74	203	4.25	703	5.22
7	Other Major Groups	1164	13.37	666	13.96	1830	13.58
	Total Medically Certified Deaths in the age group 65-69 Years	8706	100	4772	100	13478	100
	Deaths in the age group 65-69 years as percentage to total Medically certified deaths		9.23		9.19		9.21

Chart - 31

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 (22.73 per cent) of total medically certified deaths. As high as 21.07 per cent and 25.75 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 46.86 per cent of deaths. ***Ischemic Heart Diseases*** constitute maximum number (39.58 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 13.01 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 45.07 per cent and 19.22 per cent respectively. With the share of 8.76 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 81.36 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-41 & Chart-32.**

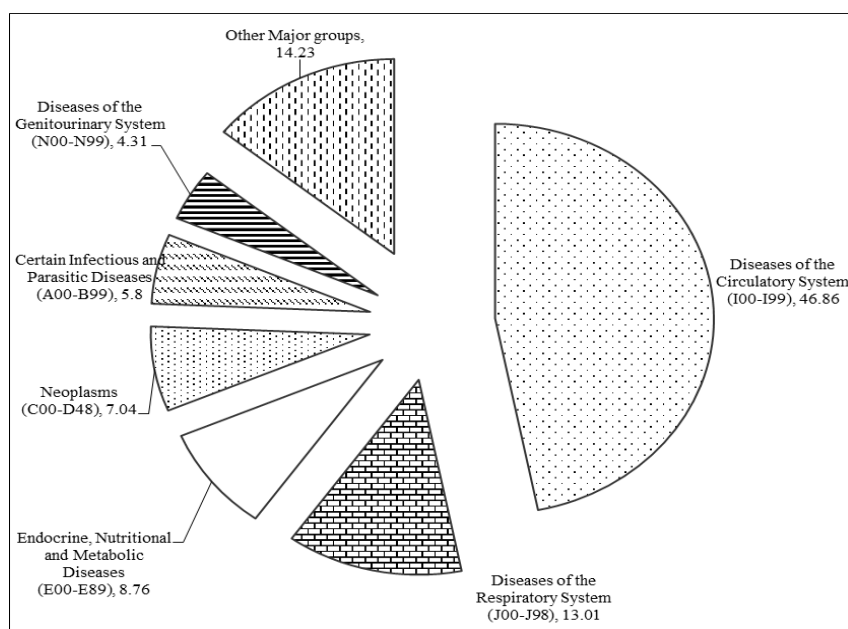
Statement -41

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)	9004	45.27	6580	49.22	15584	46.86
2	Diseases of the Respiratory System(J00-J98)	2906	14.61	1419	10.61	4325	13.01
3	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	1534	7.71	1378	10.31	2912	8.76
4	Neoplasms (C00-D48)	1440	7.24	900	6.73	2340	7.04
5	Certain Infectious and Parasitic Diseases(A00-B99)	1242	6.24	688	5.15	1930	5.8
6	Diseases of the Genitourinary System (N00-N99)	900	4.53	532	3.98	1432	4.31
7	Other Major groups	2862	14.40	1871	14.00	4733	14.23
	Total Medically Certified Deaths in the age group 70 or above Years	19888	100	13368	100	33256	100
	Deaths in the age group 70 or above years as percentage to total Medically certified deaths		21.07		25.75		22.73

CHART – 32

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



APPENDICES

LIST OF STATISTICAL TABLES

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Table - 7 : Percentage distribution of Medically Certified Deaths due to Tuberculosis, Diabetes Mellitus and Ischaemic Heart Diseases from 2007-2014

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

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	153	163	258	453	937	1513	1697	1472	645	1242	456	8989	
		Female	88	145	252	406	548	599	637	591	348	688	215	4517	
		Total	241	308	510	859	1485	2112	2334	2063	993	1930	671	13506	
1	INTESTINAL INFECTIOUS DISEASES(A00-A09)	Male	76	23	11	21	40	94	107	137	85	217	32	843	
		Female	42	12	10	31	37	51	92	103	78	173	27	656	
		Total	118	35	21	52	77	145	199	240	163	390	59	1499	
1	CHOLERA(A00)	Male	0	0	0	0	0	0	1	2	0	0	0	3	
		Female	0	0	0	0	0	0	0	0	0	2	0	2	
2	TYPHOID FEVER AND PARATYPHOID FEVERS(A01)	Male	0	0	1	1	4	5	5	3	3	2	3	27	
		Female	0	0	1	2	3	2	2	4	4	5	0	23	
3	FOOD POISONING(A02,A05)	Male	0	0	0	0	1	2	2	4	0	0	1	10	
		Female	0	0	1	0	0	0	0	0	1	1	1	4	
4	SHIGELLOSIS(A03)	Male	0	2	0	0	0	0	1	0	0	1	0	4	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
5	AMOEBIASIS(A06)	Male	4	1	0	1	0	5	1	8	3	7	0	30	
		Female	0	1	0	1	0	2	2	3	3	6	0	18	
6	DIARRHOEA AND GASTROENTERITIS OF PRESUMED INFECTIOUS ORIGIN(A09)	Male	71	20	9	19	34	81	97	119	79	205	28	762	
		Female	42	11	8	28	34	47	86	95	70	159	26	606	
7	OTHER INTESTINAL INFECTIOUS DISEASES(A04,A07-A08)	Male	1	0	1	0	1	1	0	1	0	2	0	7	
		Female	0	0	0	0	0	0	2	1	0	0	0	3	
2	TUBERCULOSIS(A15-A19)	Male	10	20	40	233	552	924	1008	843	382	525	211	4748	
		Female	7	16	52	184	278	289	277	219	114	186	93	1715	
		Total	17	36	92	417	830	1213	1285	1062	496	711	304	6463	
1	RESPIRATORY TUBERCULOSIS(A15-A16)	Male	0	9	17	163	439	760	848	742	335	458	177	3948	
		Female	0	8	23	135	216	212	223	177	101	148	70	1313	
2	TUBERCULOSIS OF NERVOUS SYSTEM(A17)	Male	9	9	14	45	60	90	78	36	27	29	16	413	
		Female	4	8	23	24	34	37	25	16	7	17	16	211	
3	TUBERCULOSIS OF OTHER ORGANS AND MILIARY TUBERCULOSIS(A18-A19)	Male	1	2	9	25	53	74	82	65	20	38	18	387	
		Female	3	0	6	25	28	40	29	26	6	21	7	191	
3	OTHER BACTERIAL DISEASES(A20-A49)	Male	1	32	48	63	109	205	282	307	121	384	117	1669	
		Female	2	32	36	82	84	88	132	169	109	256	72	1062	
		Total	3	64	84	145	193	293	414	476	230	640	189	2731	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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	0	0	3	2	0	1	4	0	10	
		Female	0	0	0	1	0	1	4	3	0	0	0	9	
3	NEONATAL TETANUS(A33)	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	
4	OTHER TETANUS(A34-A35)	Male	0	1	6	4	4	12	10	14	5	13	0	69	
		Female	0	0	0	2	1	0	3	3	0	2	4	15	
5	DIPHTHERIA(A36)	Male	0	3	5	0	0	0	0	0	0	0	0	8	
		Female	1	3	1	0	0	0	0	0	0	0	4	9	
6	WHOOPING COUGH(A37)	Male	1	0	0	0	0	0	0	0	0	0	0	1	
		Female	1	0	0	0	0	0	0	0	0	0	0	1	
7	MENINGOCOCCAL INFECTION(A39)	Male	0	0	2	0	0	0	1	0	0	3	0	6	
		Female	0	0	0	0	0	0	1	0	0	0	0	1	
8	SEPTICAEMIA(A40-A41)	Male	0	25	22	48	84	172	244	272	106	356	115	1444	
		Female	0	25	25	69	79	83	114	152	106	250	63	966	
9	ALL OTHER TYPES OF BACTERIAL DISEASES(A21-A28,A31-A32,A38,A42-A49)	Male	0	3	13	11	21	18	25	21	9	8	2	131	
		Female	0	4	10	10	4	4	10	11	3	4	1	61	
4	INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION(A50-A64)	Male	0	0	0	2	0	3	1	5	0	1	0	12	
		Female	0	0	0	1	3	2	0	4	0	2	0	12	
		Total	0	0	0	3	3	5	1	9	0	3	0	24	
1	SYPHILIS(A50-A53)	Male	0	0	0	0	0	2	0	3	0	0	0	5	
		Female	0	0	0	0	0	0	0	1	0	0	0	1	
2	OTHER TYPES OF INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION (A54-A64)	Male	0	0	0	2	0	1	1	2	0	1	0	7	
		Female	0	0	0	1	3	2	0	3	0	2	0	11	
5	VIRAL DISEASES(A70-A74 & A80-B34)	Male	66	86	152	120	208	255	267	150	49	98	92	1543	
		Female	37	81	147	96	140	153	125	85	43	55	22	984	
		Total	103	167	299	216	348	408	392	235	92	153	114	2527	
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	0	8	5	9	3	9	4	3	1	6	48	
		Female	0	0	4	5	1	0	2	3	6	3	0	24	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	JAPANESE ENCEPHALITIS(A83.0)	Male	0	1	0	0	0	0	0	0	0	0	0	1	2
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0
4	OTHER VIRAL ENCEPHALITIS(A83.1-A83.9,A84-A86)	Male	27	25	30	19	32	15	26	21	8	16	6	225	
		Female	14	21	26	17	12	15	17	10	3	12	4	151	
5	DENGUE FEVER(A90)	Male	3	3	8	7	9	6	3	6	0	5	2	52	
		Female	3	3	5	7	4	1	8	1	2	5	2	41	
6	OTHER ARTHOPOD-BORNE VIRAL FEVERS AND VIRAL HAEMORRHAGIC FEVERS (A91-A94, A96-A99)	Male	36	39	89	53	52	56	48	33	21	40	27	494	
		Female	20	45	79	31	34	34	28	33	14	19	6	343	
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	6	0	0	0	0	0	0	0	1	10	
		Female	0	0	9	0	0	0	0	0	0	0	0	9	
9	ACUTE HEPATITIS(B16)	Male	0	0	0	1	4	11	9	15	2	7	3	52	
		Female	0	0	0	1	5	2	4	7	0	0	0	19	
10	OTHER VIRAL HEPATITIS(B15, B17-B19)	Male	0	11	8	32	31	58	71	18	5	17	15	266	
		Female	0	7	12	31	30	29	26	16	13	12	6	182	
11	HUMAN IMMUNODEFICIENCY VIRUS(HIV)DISEASE(B20-B24)	Male	0	0	0	0	67	101	93	46	7	5	29	348	
		Female	0	0	0	0	54	68	38	14	3	2	3	182	
12	ALL OTHER TYPES OF VIRAL DISEASES(A70-A74,A81,A87-A89,A95, B00-B02,B04,B06-B09 & B25-B34)	Male	0	4	3	3	4	5	8	7	3	7	2	46	
		Female	0	5	12	4	0	4	2	1	2	2	1	33	
6	PROTOZOAL DISEASES(B50-B64)	Male	0	0	5	12	26	27	27	19	7	15	3	141	
		Female	0	2	4	11	5	8	8	9	2	8	1	58	
		Total	0	2	9	23	31	35	35	28	9	23	4	199	
1	MALARIA(B50-B54)	Male	0	0	5	12	25	25	25	19	7	14	3	135	
		Female	0	1	4	11	5	6	8	9	2	8	0	54	
2	ALL OTHER TYPES OF PROTOZOAL DISEASES(B55-B64)	Male	0	0	0	0	1	2	2	0	0	1	0	6	
		Female	0	1	0	0	0	2	0	0	0	0	1	4	
7	OTHER CERTAIN INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES (A65-A69 & A75-A79, B35-B49,B65-B94 & B99)	Male	0	2	2	2	2	5	5	11	1	2	1	33	
		Female	0	2	3	1	1	8	3	2	2	8	0	30	
		Total	0	4	5	3	3	13	8	13	3	10	1	63	
1	FILARIASIS(B74)	Male	0	0	0	0	0	1	0	3	0	0	0	4	
		Female	0	0	0	0	1	0	0	0	1	1	0	3	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA														
SL.N O.	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	OTHER HELMINTHIASIS(B65-B73,B75,B77-B83)	Male	0	0	0	0	2	0	0	0	0	0	0	2
		Female	0	2	0	0	0	0	0	0	0	0	0	2
3	OTHER SPIROCHAETAL DISEASES AND RICKETTSIOSES(A65-A69 & A75-A79)	Male	0	2	1	0	0	1	1	2	1	1	0	9
		Female	0	0	3	0	0	5	3	0	0	4	0	15
4	ALL OTHER INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES (B35-B49,B65,B76,B85-B94 &B99)	Male	0	0	1	2	0	3	4	6	0	1	1	18
		Female	0	0	0	1	0	3	0	2	1	3	0	10
II	NEOPLASMS (C00-D48)	Male	4	38	80	184	261	502	1022	1615	857	1440	211	6214
		Female	1	36	74	110	250	530	1024	1080	532	900	155	4692
		Total	5	74	154	294	511	1032	2046	2695	1389	2340	366	10906
8	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	6	24	70	140	176	89	117	15	637
		Female	0	0	0	7	8	16	71	66	39	48	9	264
		Total	0	0	0	13	32	86	211	242	128	165	24	901
1	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	6	24	70	140	176	89	117	15	637
		Female	0	0	0	7	8	16	71	66	39	48	9	264
9	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS (C15-C26)	Male	0	0	1	7	66	139	351	670	312	512	75	2133
		Female	0	0	0	4	60	90	216	266	140	264	41	1081
		Total	0	0	1	11	126	229	567	936	452	776	116	3214
1	MALIGNANT NEOPLASM OF OESOPHAGUS (C15)	Male	0	0	0	0	6	25	95	186	68	105	15	500
		Female	0	0	0	0	17	17	43	65	28	53	12	235
2	MALIGNANT NEOPLASM OF STOMACH (C16)	Male	0	0	0	0	24	32	89	130	53	112	14	454
		Female	0	0	0	0	10	35	53	46	16	48	4	212
3	MALIGNANT NEOPLASMS OF SMALL INTESTINE INCLUDING DUODENUM (C17)	Male	0	0	0	0	1	0	0	1	0	0	0	2
		Female	0	0	0	0	0	0	0	0	0	0	0	0
4	MALIGNANT NEOPLASM OF COLON (C18)	Male	0	0	0	1	8	24	27	66	32	60	5	223
		Female	0	0	0	2	4	10	29	31	27	30	5	138
5	MALIGNANT NEOPLASMS OF RECTOSIGMOID JUNCTION,RECTUM,ANUS AND ANAL CANAL (C19-C21)	Male	0	0	0	4	8	10	24	46	24	34	10	160
		Female	0	0	0	1	12	6	13	25	9	28	8	102
6	MALIGNANT NEOPLASMS OF LIVER AND INTRAHEPATIC BILE DUCTS (C22)	Male	0	0	0	2	11	30	73	150	94	117	19	496
		Female	0	0	0	1	6	9	34	40	26	50	7	173
7	MALIGNANT NEOPLASM OF PANCREAS (C25)	Male	0	0	0	0	6	11	18	54	23	44	7	163
		Female	0	0	0	0	8	4	13	32	25	29	0	111
8	OTHER MALIGNANT NEOPLASM OF DIGESTIVE ORGANS (C23-C24,C26)	Male	0	0	1	0	2	7	25	37	18	40	5	135
		Female	0	0	0	0	3	9	31	27	9	26	5	110

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
10	MALIGNANT NEOPLASMS OF RESPIRATORY & INTRATHORACIC ORGANS (C30-C39)	Male	0	0	0	6	17	71	195	297	198	290	45	1119	
		Female	0	0	0	0	15	29	61	76	46	77	13	317	
		Total	0	0	0	6	32	100	256	373	244	367	58	1436	
1	MALIGNANT NEOPLASM OF LARYNX (C32)	Male	0	0	0	0	2	9	47	37	29	70	11	205	
		Female	0	0	0	0	1	2	4	7	3	8	4	29	
2	MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG (C33-C34)	Male	0	0	0	6	13	60	144	260	166	219	34	902	
		Female	0	0	0	0	14	25	56	68	42	67	9	281	
3	OTHER MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (C30-C31,C37-C39)	Male	0	0	0	0	2	2	4	0	3	1	0	12	
		Female	0	0	0	0	0	2	1	1	1	2	0	7	
11	MALIGNANT NEOPLASMS OF BONE,MESOTHELIAL AND SOFT TISSUE, SKIN AND BREAST (C40-C50)	Male	0	0	8	16	17	5	24	32	17	23	5	147	
		Female	0	0	4	4	34	162	259	214	80	161	29	947	
		Total	0	0	12	20	51	167	283	246	97	184	34	1094	
1	MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE (C40-C41)	Male	0	0	8	13	9	3	6	19	7	11	1	77	
		Female	0	0	3	4	6	9	10	8	5	8	0	53	
2	MALIGNANT MELANOMA OF SKIN (C43)	Male	0	0	0	0	0	1	2	2	0	0	0	5	
		Female	0	0	0	0	0	0	2	3	0	3	0	8	
3	OTHER MALIGNANT NEOPLASM OF SKIN (C44)	Male	0	0	0	0	1	0	1	0	1	5	0	8	
		Female	0	0	0	0	0	0	0	1	0	1	0	2	
4	MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE (C45-C49)	Male	0	0	0	3	7	1	15	11	9	7	4	57	
		Female	0	0	1	0	2	10	11	15	4	4	2	49	
5	MALIGNANT NEOPLASM OF BREAST (C50)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	26	143	236	187	71	145	27	835	
12	MALIGNANT NEOPLASMS OF GENITOURINARY ORGANS(C51-C68)	Male	0	0	0	2	6	19	54	111	75	225	13	505	
		Female	0	0	0	0	43	102	237	250	120	161	31	944	
		Total	0	0	0	2	49	121	291	361	195	386	44	1449	
1	MALIGNANT NEOPLASM OF CERVIX UTERI (C53)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	11	55	97	78	48	59	16	364	
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	10	26	38	20	28	6	129	
3	MALIGNANT NEOPLASM OF OVARY (C56)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	29	32	105	124	42	59	9	400	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA														
SL.N O.	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
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	1	0	0	0	0	1
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	0	1	3	3	3	1	11
6	MALIGNANT NEOPLASM OF PROSTATE (C61)	Male	0	0	0	0	0	6	21	46	43	137	5	258
		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	2	6	4	14	19	4	24	2	75
		Female	0	0	0	0	0	0	0	0	0	0	0	0
8	MALIGNANT NEOPLASM OF BLADDER (C67)	Male	0	0	0	0	0	5	12	23	18	33	4	95
		Female	0	0	0	0	2	2	2	4	5	11	0	26
9	OTHER MALIGNANT NEOPLASM OF URINARY TRACT (C64-C66,C68)	Male	0	0	0	0	0	4	7	23	10	31	2	77
		Female	0	0	0	0	0	1	4	3	2	3	0	13
13	MALIGNANT NEOPLASMS OF EYE,BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM (C69-C72)	Male	0	5	6	6	7	15	16	17	12	18	5	107
		Female	0	2	3	8	12	5	17	11	4	9	5	76
		Total	0	7	9	14	19	20	33	28	16	27	10	183
1	MALIGNANT NEOPLASMS OF EYE & ADNEXA (C69)	Male	0	0	2	0	0	0	0	0	0	0	0	2
		Female	0	0	0	0	0	0	0	0	0	0	0	0
2	MALIGNANT NEOPLASMS OF MENINGES,BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM(C70-C72)	Male	0	5	4	6	7	15	16	17	12	18	5	105
		Female	0	2	3	8	12	5	17	11	4	9	5	76
14	MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES(C73-C80 & C97)	Male	0	3	17	24	22	54	102	121	76	119	20	558
		Female	0	1	16	22	18	60	74	77	47	93	10	418
		Total	0	4	33	46	40	114	176	198	123	212	30	976
1	MALIGNANT NEOPLASMS OF OTHER ILL-DEFINED, SECONDARY, UNSPECIFIED AND MULTIPLE SITES (C73-C80 & C97)	Male	0	3	17	24	22	54	102	121	76	119	20	558
		Female	0	1	16	22	18	60	74	77	47	93	10	418
15	MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE (C81-C96)	Male	4	30	48	117	101	119	132	181	73	115	29	949
		Female	1	33	51	61	57	66	85	108	53	78	15	608
		Total	5	63	99	178	158	185	217	289	126	193	44	1557
1	HODGKIN'S DISEASE(C81)	Male	0	0	1	0	3	5	6	4	3	3	1	26
		Female	0	0	0	2	1	5	1	3	1	2	0	15
2	NON HODGKIN'S LYMPHOMA(C82-C85)	Male	0	2	8	19	13	18	46	43	28	35	6	218
		Female	0	0	5	9	12	11	15	21	18	29	2	122
3	MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS(C90)	Male	1	2	8	9	10	8	12	21	9	11	0	91
		Female	0	0	9	3	3	8	9	15	3	3	1	54

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
4	LEUKAEMIA(C91-C95)	Male	3	26	31	88	75	88	68	113	33	66	19	610	
		Female	1	33	37	47	41	41	60	69	30	44	12	415	
5	OTHER MALIGNANT NEOPLASMS OF LYMPHOID,HAEMATOPOIETIC AND RELATED TISSUE (C88 & C96)	Male	0	0	0	1	0	0	0	0	0	0	3	4	
		Female	0	0	0	0	0	1	0	0	1	0	0	2	
16	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	0	0	0	1	1	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	0	0	0	0	0	0	0	0	0	0	1	1	
1	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	0	0	0	1	1	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
17	BENIGN NEOPLASMS(D10-D36)	Male	0	0	0	0	0	6	5	1	1	6	2	21	
		Female	0	0	0	2	1	0	0	4	0	1	0	8	
		Total	0	0	0	2	1	6	5	5	1	7	2	29	
1	LEIOMYOMA OF UTERUS(D25)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	1	0	0	0	1	
2	ALL OTHER BENIGN NEOPLASMS(D10-D24,D26-D36)	Male	0	0	0	0	0	6	5	1	1	6	2	21	
		Female	0	0	0	2	1	0	0	3	0	1	0	7	
18	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	0	1	4	3	9	4	15	1	37	
		Female	0	0	0	2	2	0	4	8	3	8	2	29	
		Total	0	0	0	2	3	4	7	17	7	23	3	66	
1	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	0	1	4	3	9	4	15	1	37	
		Female	0	0	0	2	2	0	4	8	3	8	2	29	
III	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	EMale	0	41	32	84	121	217	187	160	75	244	92	1253	
		Female	0	24	37	127	148	148	128	151	68	194	52	1077	
		Total	0	65	69	211	269	365	315	311	143	438	144	2330	
19	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING IMMUNE MECHANISM(D50-D89)	Male	0	41	32	84	121	217	187	160	75	244	92	1253	
		Female	0	24	37	127	148	148	128	151	68	194	52	1077	
		Total	0	65	69	211	269	365	315	311	143	438	144	2330	
1	THALASSAEMIA(D56)	Male	0	3	6	1	0	0	0	0	0	0	0	10	
		Female	0	0	1	1	0	0	0	0	0	0	1	3	
2	OTHER ANAEMIAS(D50-D55,D57-D64)	Male	0	23	19	60	80	154	131	120	59	191	75	912	
		Female	0	15	19	95	101	110	94	124	63	180	43	844	

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KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	ALL OTHER DISEASES OF BLOOD & BLOOD FORMING ORGANS (D65-D77)	Male	0	15	5	19	27	45	42	40	15	47	11	266	
		Female	0	9	16	27	39	29	30	27	5	14	8	204	
4	CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D80-D89)	Male	0	0	2	4	14	18	14	0	1	6	6	65	
		Female	0	0	1	4	8	9	4	0	0	0	0	26	
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	8	2	36	107	299	755	993	596	1534	193	4523	
		Female	0	11	8	28	69	155	372	733	471	1378	95	3320	
		Total	0	19	10	64	176	454	1127	1726	1067	2912	288	7843	
20	MALNUTRITION(E40-E46)	Male	0	7	1	5	8	9	15	8	8	19	14	94	
		Female	0	10	1	7	2	3	2	1	3	22	3	54	
		Total	0	17	2	12	10	12	17	9	11	41	17	148	
1	KWASHIORKOR(E40)	Male	0	1	0	2	1	1	2	4	0	3	6	20	
		Female	0	3	0	1	0	0	0	1	1	1	1	8	
2	NUTRITIONAL MARASMUS(E41)	Male	0	6	1	3	6	6	8	2	7	13	4	56	
		Female	0	5	1	4	2	1	2	0	2	13	2	32	
3	OTHER PROTEIN-ENERGY MALNUTRITION(E42-E46)	Male	0	0	0	0	1	2	5	2	1	3	4	18	
		Female	0	2	0	2	0	2	0	0	0	8	0	14	
21	ENDOCRINE, OTHER NUTRITIONAL AND METABOLIC DISEASES(E00-E34 & E50-E89)	Male	0	1	1	31	99	290	740	985	588	1515	179	4429	
		Female	0	1	7	21	67	152	370	732	468	1356	92	3266	
		Total	0	2	8	52	166	442	1110	1717	1056	2871	271	7695	
1	DISORDERS OF THYROID GLAND(E00-E07)	Male	0	0	0	1	0	9	22	23	8	46	0	109	
		Female	0	0	0	5	14	22	32	47	35	88	3	246	
2	DIABETES MELLITUS(E10-E14)	Male	0	0	0	16	67	213	590	875	520	1272	136	3689	
		Female	0	0	1	8	42	116	303	628	401	1097	78	2674	
3	ALL OTHER NUTRITIONAL DEFICIENCIES(E50-E64)	Male	0	0	0	1	0	3	8	8	1	3	2	26	
		Female	0	0	0	0	0	1	1	1	1	3	0	7	
4	ALL OTHER ENDOCRINE AND METABOLIC DISEASES(E15-E34 & E65-E89)	Male	0	1	1	13	32	65	120	79	59	194	41	605	
		Female	0	1	6	8	11	13	34	56	31	168	11	339	
V	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	2	6	18	25	19	4	9	3	86	
		Female	0	0	0	0	3	3	11	6	3	6	2	34	
		Total	0	0	0	2	9	21	36	25	7	15	5	120	
22	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	2	6	18	25	19	4	9	3	86	
		Female	0	0	0	0	3	3	11	6	3	6	2	34	
		Total	0	0	0	2	9	21	36	25	7	15	5	120	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
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	0	4	10	11	9	4	5	3	46	
		Female	0	0	0	0	0	0	2	0	1	0	1	4	
2	SCHIZOPHRENIA, SCHIZOTYPAL & DELUSIONAL DISORDERS(F20-F29)	Male	0	0	0	2	1	8	14	6	0	3	0	34	
		Female	0	0	0	0	3	3	8	5	2	4	0	25	
3	ALL OTHER MENTAL BEHAVIOURAL DISORDERS(F01-F09,F30-F99)	Male	0	0	0	0	1	0	0	4	0	1	0	6	
		Female	0	0	0	0	0	0	1	1	0	2	1	5	
VI	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	156	79	104	138	220	270	294	253	134	315	112	2075	
		Female	82	42	104	119	110	135	113	171	60	181	48	1165	
		Total	238	121	208	257	330	405	407	424	194	496	160	3240	
23	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYTEM(G00-G09)	Male	132	55	63	88	119	153	119	91	44	79	60	1003	
		Female	67	26	74	75	79	88	70	84	25	47	18	653	
		Total	199	81	137	163	198	241	189	175	69	126	78	1656	
1	MENINGITIS(G00 & G03)	Male	101	28	35	30	55	79	66	31	16	31	41	513	
		Female	47	15	41	18	26	42	31	42	12	17	8	299	
2	ENCEPHALITIS,MYELITIS AND ENCEPHALOMYELITIS(G04)	Male	31	27	27	45	31	52	36	42	22	42	14	369	
		Female	20	11	32	38	30	35	28	33	10	24	6	267	
3	OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM(G06,G08-G09)	Male	0	0	1	13	33	22	17	18	6	6	5	121	
		Female	0	0	1	19	23	11	11	9	3	6	4	87	
24	OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G98)	Male	24	24	41	50	101	117	175	162	90	236	52	1072	
		Female	15	16	30	44	31	47	43	87	35	134	30	512	
		Total	39	40	71	94	132	164	218	249	125	370	82	1584	
1	ALZHEIMER'S DISEASE(G30)	Male	0	0	0	0	0	0	0	0	0	17	0	17	
		Female	0	0	0	0	0	0	0	0	0	14	1	15	
2	EPILEPSY(G40-G41)	Male	0	8	10	16	24	35	40	26	10	20	12	201	
		Female	0	1	11	14	8	24	3	6	5	13	2	87	
3	ALL OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G25,G31,G35-G37,G43-G98)	Male	24	16	31	34	77	82	135	136	80	199	40	854	
		Female	15	15	19	30	23	23	40	81	30	107	27	410	
VII	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	2	2	2	1	0	7	
		Female	0	0	0	0	1	0	0	1	1	0	0	3	
		Total	0	0	0	0	1	0	2	3	3	1	0	10	
25	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	2	2	2	1	0	7	
		Female	0	0	0	0	1	0	0	1	1	0	0	3	
		Total	0	0	0	0	1	0	2	3	3	1	0	10	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	2	2	2	1	0	7	
		Female	0	0	0	0	1	0	0	1	1	0	0	3	
VIII	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	1	1	1	0	0	2	0	5	
		Female	0	0	0	0	1	0	0	0	0	0	1	2	
		Total	0	0	0	0	2	1	1	0	0	2	1	7	
26	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	1	1	1	0	0	2	0	5	
		Female	0	0	0	0	1	0	0	0	0	0	1	2	
		Total	0	0	0	0	2	1	1	0	0	2	1	7	
1	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	1	1	1	0	0	2	0	5	
		Female	0	0	0	0	1	0	0	0	0	0	1	2	
IX	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	14	22	52	125	984	2194	4171	6139	3753	9004	1504	27962	
		Female	17	18	45	107	493	835	1609	2894	2077	6580	672	15347	
		Total	31	40	97	232	1477	3029	5780	9033	5830	15584	2176	43309	
27	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASES(I00-I09)	Male	14	22	52	125	98	133	138	127	64	110	31	914	
		Female	17	18	45	107	113	123	162	123	74	126	14	922	
		Total	31	40	97	232	211	256	300	250	138	236	45	1836	
1	ACUTE RHEUMATIC FEVER(I00-I02)	Male	5	18	25	50	15	9	4	3	9	3	0	141	
		Female	13	16	22	36	7	4	3	9	0	9	0	119	
2	CHRONIC RHEUMATIC HEART DISEASES(I05-I09)	Male	9	4	27	75	83	124	134	124	55	107	31	773	
		Female	4	2	23	71	106	119	159	114	74	117	14	803	
28	HYPERTENSIVE DISEASES(I10-I115)	Male	0	0	0	0	60	194	591	874	683	1556	199	4157	
		Female	0	0	0	0	25	87	256	510	358	1264	78	2578	
		Total	0	0	0	0	85	281	847	1384	1041	2820	277	6735	
1	HYPERTENSIVE HEART DISEASES(I11)	Male	0	0	0	0	8	24	62	53	36	107	29	319	
		Female	0	0	0	0	3	6	13	29	34	113	6	204	
2	ALL OTHER HYPERTENSIVE DISEASES(I10,I12-I115)	Male	0	0	0	0	52	170	529	821	647	1449	170	3838	
		Female	0	0	0	0	22	81	243	481	324	1151	72	2374	
29	ISCHAEMIC HEART DISEASES(I20-I25)	Male	0	0	0	0	329	793	1652	2543	1517	3615	601	11050	
		Female	0	0	0	0	88	216	456	1093	824	2552	249	5478	
		Total	0	0	0	0	417	1009	2108	3636	2341	6167	850	16528	
1	ACUTE MYOCARDIAL INFARCTION(I21-I22)	Male	0	0	0	0	242	544	982	1283	712	1628	382	5773	
		Female	0	0	0	0	77	124	228	569	462	1265	131	2856	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2	ALL OTHER ISCHAEMIC HEART DISEASES(I20& I23-I25)	Male	0	0	0	0	87	249	670	1260	805	1987	219	5277	
		Female	0	0	0	0	11	92	228	524	362	1287	118	2622	
30	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART DISEASE(I26-I51)	Male	0	0	0	0	251	455	691	1077	597	1695	302	5068	
		Female	0	0	0	0	179	184	336	553	376	1236	161	3025	
		Total	0	0	0	0	430	639	1027	1630	973	2931	463	8093	
1	PULMONARY HEART DISEASES AND DISEASES OF PULMONARY CIRCULATION(I26-I28)	Male	0	0	0	0	28	96	88	176	107	337	66	898	
		Female	0	0	0	0	27	34	66	90	45	249	32	543	
2	OTHER FORMS OF HEART DISEASES(I30-I51)	Male	0	0	0	0	223	359	603	901	490	1358	236	4170	
		Female	0	0	0	0	152	150	270	463	331	987	129	2482	
31	CEREBROVASCULAR DISEASES(I60-I69)	Male	0	0	0	0	205	521	949	1368	804	1818	342	6007	
		Female	0	0	0	0	61	176	337	516	367	1267	145	2869	
		Total	0	0	0	0	266	697	1286	1884	1171	3085	487	8876	
1	CEREBROVASCULAR DISEASES(I60-I69)	Male	0	0	0	0	205	521	949	1368	804	1818	342	6007	
		Female	0	0	0	0	61	176	337	516	367	1267	145	2869	
32	OTHER DISEASES OF THE CIRCULATORY SYSTEM(I70-I99)	Male	0	0	0	0	41	98	150	150	88	210	29	766	
		Female	0	0	0	0	27	49	62	99	78	135	25	475	
		Total	0	0	0	0	68	147	212	249	166	345	54	1241	
1	ATHEROSCLEROSIS(I70)	Male	0	0	0	0	4	16	36	27	20	48	3	154	
		Female	0	0	0	0	4	6	11	23	21	21	5	91	
2	ARTERIAL EMBOLISM AND THROMBOSIS(I74)	Male	0	0	0	0	11	26	23	23	17	33	3	136	
		Female	0	0	0	0	5	10	12	15	14	30	1	87	
3	OTHER DISEASES OF ARTERIES, ARTERIOLES & CAPILLARIES(I71-I73 & I77-I78)	Male	0	0	0	0	4	10	26	35	18	55	7	155	
		Female	0	0	0	0	4	5	12	20	15	34	8	98	
4	PHLEBITIS,THROMBOPHLEBITIS,VENOUS EMBOLISM AND THROMBOSIS(I80-I82)	Male	0	0	0	0	13	34	43	36	23	41	12	202	
		Female	0	0	0	0	7	26	20	23	15	21	5	117	
5	ALL OTHER DISEASES OF THE CIRCULATORY SYSTEM(I83-I99)	Male	0	0	0	0	9	12	22	29	10	33	4	119	
		Female	0	0	0	0	7	2	7	18	13	29	6	82	
X	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	8	71	67	181	313	598	980	1658	1191	2906	428	8401	
		Female	8	58	51	132	211	270	433	626	475	1419	142	3825	
		Total	16	129	118	313	524	868	1413	2284	1666	4325	570	12226	
33	DISEASES OF THE UPPER RESPIRATORY TRACT(J00-J06 & J30-J39)	Male	8	8	5	0	5	3	4	20	5	23	1	82	
		Female	8	7	1	2	3	1	2	6	0	16	2	48	
		Total	16	15	6	2	8	4	6	26	5	39	3	130	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	ACUTE PHARYNGITIS AND ACUTE TONSILLITIS(J02-J03)	Male	7	7	2	0	0	1	1	0	0	1	0	19	
		Female	8	6	0	0	0	0	0	0	0	0	1	15	
2	ACUTE LARYNGITIS AND TRACHEITIS(J04)	Male	0	0	0	0	0	0	0	1	0	1	0	2	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
3	OTHER ACUTE UPPER RESPIRATORY INFECTIONS(J00-J01 & J05-J06)	Male	1	1	1	0	0	0	0	1	0	1	0	5	
		Female	0	1	1	0	0	0	0	0	0	0	0	2	
4	ALL OTHER DISEASES OF UPPER RESPIRATORY TRACT(J30-J39)	Male	0	0	2	0	5	2	3	18	5	20	1	56	
		Female	0	0	0	2	3	1	2	6	0	15	2	31	
34	LOWER RESPIRATORY DISEASES(J20-J22 & J40-J47)	Male	0	8	6	23	58	137	390	907	758	1852	251	4390	
		Female	0	5	5	16	30	67	157	287	238	802	59	1666	
		Total	0	13	11	39	88	204	547	1194	996	2654	310	6056	
1	ACUTE BRONCHITIS AND ACUTE BRONCHIOLITIS(J20-J21)	Male	0	0	0	0	2	0	0	2	6	0	0	10	
		Female	0	0	0	0	0	0	2	0	0	2	0	4	
2	BRONCHITIS, CHRONIC AND UNSPECIFIED EMPHYSEMA(J40-J43)	Male	0	0	0	0	3	20	19	56	41	119	9	267	
		Female	0	0	0	3	0	4	11	28	11	54	4	115	
3	ASTHMA(J45-J46)	Male	0	0	0	1	15	27	83	128	129	290	46	719	
		Female	0	0	0	1	15	19	55	93	58	240	17	498	
4	OTHER LOWER RESPIRATORY DISORDERS(J22,J44 & J47)	Male	0	8	6	22	38	90	288	721	582	1443	196	3394	
		Female	0	5	5	12	15	44	89	166	169	506	38	1049	
35	OTHER DISEASES OF THE RESPIRATORY SYSTEM(J10-J18,J60-J98)	Male	0	55	56	158	250	458	586	731	428	1031	176	3929	
		Female	0	46	45	114	178	202	274	333	237	601	81	2111	
		Total	0	101	101	272	428	660	860	1064	665	1632	257	6040	
1	INFLUENZA(J10-J11)	Male	0	0	0	0	0	0	1	2	1	1	1	6	
		Female	0	0	0	1	1	2	0	4	1	1	0	10	
2	PNEUMONIA(J12-J18)	Male	0	42	35	55	105	214	245	340	173	513	95	1817	
		Female	0	34	24	48	92	101	124	154	108	318	43	1046	
3	PLEURISY(J90)	Male	0	0	0	2	15	33	37	64	29	44	6	230	
		Female	0	0	0	6	12	16	26	31	25	39	1	156	
4	ALL OTHER DISEASES OF THE RESPIRATORY SYSTEM(J60-J86,J92-J98)	Male	0	13	21	101	130	211	303	325	225	473	74	1876	
		Female	0	12	21	59	73	83	124	144	103	243	37	899	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
XI	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0	17	39	148	819	1711	2019	1519	500	769	395	7936	
		Female	0	7	29	93	124	196	343	322	203	362	37	1716	
		Total	0	24	68	241	943	1907	2362	1841	703	1131	432	9652	
36	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	0	1	2	3	8	2	1	5	0	22	
		Female	0	0	1	0	1	1	2	4	0	4	1	14	
		Total	0	0	1	1	3	4	10	6	1	9	1	36	
1	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	0	1	2	3	8	2	1	5	0	22	
		Female	0	0	1	0	1	1	2	4	0	4	1	14	
37	DISEASES OF THE OTHER PARTS OF DIGESTIVE SYSTEM(K20-K92)	Male	0	17	39	147	817	1708	2011	1517	499	764	395	7914	
		Female	0	7	28	93	123	195	341	318	203	358	36	1702	
		Total	0	24	67	240	940	1903	2352	1835	702	1122	431	9616	
1	GASTRIC AND DUODENAL ULCER(K25-K27)	Male	0	0	0	0	9	16	16	9	10	21	15	96	
		Female	0	0	0	0	0	3	4	7	4	9	0	27	
2	GASTRITIS AND DUODENITIS (K29)	Male	0	0	0	0	0	0	0	1	0	0	0	1	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
3	DISEASES OF APPENDIX(K35-K38)	Male	0	0	0	5	11	23	28	38	24	39	11	179	
		Female	0	0	0	5	5	4	9	13	6	9	0	51	
4	HERNIA(K40-K46)	Male	0	0	0	1	0	6	9	13	4	12	5	50	
		Female	0	0	0	0	0	1	3	8	7	16	0	35	
5	PARALYTIC ILEUS AND INTESTINAL OBSTRUCTION WITHOUT HERNIA(K56)	Male	0	0	2	3	6	17	15	24	16	31	4	118	
		Female	0	0	1	4	4	15	13	18	9	27	2	93	
6	PERITONITIS(K65)	Male	0	0	5	17	42	84	101	101	36	47	21	454	
		Female	0	0	5	9	16	20	34	32	20	45	3	184	
7	DISEASES OF THE LIVER(K70-K76)	Male	0	17	30	89	594	1351	1580	1132	312	433	285	5823	
		Female	0	7	20	44	76	114	215	194	103	170	23	966	
8	CHOLELITHIASIS AND CHOLECYSTITIS(K80-K81)	Male	0	0	0	1	3	6	9	8	8	22	5	62	
		Female	0	0	0	0	2	4	10	5	8	20	0	49	
9	DISORDERS OF THE PANCREAS(K85-K86)	Male	0	0	0	13	73	95	92	52	27	33	17	402	
		Female	0	0	0	10	7	11	13	15	14	8	3	81	
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	2	18	79	110	161	139	62	126	32	729	
		Female	0	0	2	21	13	23	40	26	32	54	5	216	
XII	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	2	14	27	54	107	168	75	217	37	701	
		Female	0	0	1	18	21	39	48	71	44	114	17	373	
		Total	0	0	3	32	48	93	155	239	119	331	54	1074	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
38	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	<i>Male</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>14</i>	<i>27</i>	<i>54</i>	<i>107</i>	<i>168</i>	<i>75</i>	<i>217</i>	<i>37</i>	<i>701</i>	
		<i>Female</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>18</i>	<i>21</i>	<i>39</i>	<i>48</i>	<i>71</i>	<i>44</i>	<i>114</i>	<i>17</i>	<i>373</i>	
		Total	0	0	3	32	48	93	155	239	119	331	54	1074	
1	INFECTIONS OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L08)	Male	0	0	2	9	21	48	88	156	63	182	34	603	
		Female	0	0	1	4	6	19	41	57	44	92	14	278	
2	ALL OTHER DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L10-L98)	Male	0	0	0	5	6	6	19	12	12	35	3	98	
		Female	0	0	0	14	15	20	7	14	0	22	3	95	
XIII	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0	0	0	5	11	17	24	43	19	58	9	186	
		Female	0	0	0	7	6	10	15	26	28	25	4	121	
		Total	0	0	0	12	17	27	39	69	47	83	13	307	
39	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	<i>Male</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>5</i>	<i>11</i>	<i>17</i>	<i>24</i>	<i>43</i>	<i>19</i>	<i>58</i>	<i>9</i>	<i>186</i>	
		<i>Female</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>7</i>	<i>6</i>	<i>10</i>	<i>15</i>	<i>26</i>	<i>28</i>	<i>25</i>	<i>4</i>	<i>121</i>	
		Total	0	0	0	12	17	27	39	69	47	83	13	307	
1	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES(M05-M13)	Male	0	0	0	1	1	2	2	9	5	21	1	42	
		Female	0	0	0	1	1	5	5	12	13	14	3	54	
2	OSTEOMYELITIS(M86)	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	
3	ALL OTHER DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M02,M15-M43,M45-M85,M87-M99)	Male	0	0	0	4	10	15	22	34	14	37	8	144	
		Female	0	0	0	6	5	5	10	14	14	11	1	66	
XIV	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	10	9	78	128	252	429	609	334	900	158	2907	
		Female	0	6	7	66	98	110	258	350	187	532	55	1669	
		Total	0	16	16	144	226	362	687	959	521	1432	213	4576	
40	DISEASES OF URINARY SYSTEM(N00-N39)	<i>Male</i>	<i>0</i>	<i>10</i>	<i>9</i>	<i>74</i>	<i>126</i>	<i>246</i>	<i>419</i>	<i>588</i>	<i>314</i>	<i>872</i>	<i>153</i>	<i>2811</i>	
		<i>Female</i>	<i>0</i>	<i>6</i>	<i>7</i>	<i>66</i>	<i>94</i>	<i>104</i>	<i>254</i>	<i>345</i>	<i>187</i>	<i>528</i>	<i>54</i>	<i>1645</i>	
		Total	0	16	16	140	220	350	673	933	501	1400	207	4456	
1	GLOMERULAR DISEASES(INCLUDING NEPHRITIC SYNDROME)(N00-N07)	Male	0	10	9	5	5	6	7	3	1	2	1	49	
		Female	0	4	7	5	3	2	2	6	1	3	1	34	
2	RENAL TUBULO-INTERSTITIAL DISEASES(N10-N15)	Male	0	0	0	2	4	14	13	17	7	18	8	83	
		Female	0	2	0	9	10	5	11	9	10	11	4	71	
3	RENAL FAILURE(N17-N19)	Male	0	0	0	41	73	150	261	360	183	481	100	1649	
		Female	0	0	0	38	53	58	143	179	101	278	36	886	
4	UROLITHIASIS(N20-N23)	Male	0	0	0	0	0	1	9	6	0	7	0	23	
		Female	0	0	0	3	1	0	0	3	1	2	0	10	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
5	OTHER DISORDERS OF KIDNEY AND URETER(N25-N28)	Male	0	0	0	19	37	58	81	130	70	174	30	599	
		Female	0	0	0	8	16	16	58	78	35	89	10	310	
6	ALL OTHER DISEASES OF URINARY SYSTEM(N30-N39)	Male	0	0	0	7	7	17	48	72	53	190	14	408	
		Female	0	0	0	3	11	23	40	70	39	145	3	334	
41	OTHER DISEASES OF THE GENITOURINARY SYSTEM(N40-N99)	Male	0	0	0	4	2	6	10	21	20	28	5	96	
		Female	0	0	0	0	4	6	4	5	0	4	1	24	
		Total	0	0	0	4	6	12	14	26	20	32	6	120	
1	HYPERPLASIA OF PROSTATE(N40)	Male	0	0	0	0	0	0	0	2	6	13	1	22	
		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	4	2	6	10	19	14	15	4	74	
		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	1	0	0	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	4	6	3	5	0	4	1	23	
XV	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Female	0	0	0	376	631	62	0	0	0	0	0	1069	
		Total	0	0	0	376	631	62	0	0	0	0	0	1069	
42	PREGNANCY WITH ABORTIVE OUTCOME (O00-O08)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	16	24	4	0	0	0	0	0	44	
		Total	0	0	0	16	24	4	0	0	0	0	0	44	
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	
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	16	24	4	0	0	0	0	0	44	
43	OTHER DIRECT OBSTETRIC DEATHS (O10-O92)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	332	599	58	0	0	0	0	0	989	
		Total	0	0	0	332	599	58	0	0	0	0	0	989	
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	50	116	16	0	0	0	0	0	182	
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	1	2	0	0	0	0	0	0	3	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA														
SL.N O.	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	OBSTRUCTED LABOUR(O64-O66)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	4	1	0	0	0	0	0	5
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	133	160	14	0	0	0	0	0	307
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	148	317	27	0	0	0	0	0	492
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	28	8	0	0	0	0	0	0	36
		Total	0	0	0	28	8	0	0	0	0	0	0	36
1	INDIRECT OBSTETRIC DEATHS(O98-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	27	7	0	0	0	0	0	0	34
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	1	1	0	0	0	0	0	0	2
XVI	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	9243	0	0	0	0	0	0	0	0	0	0	9243
		Female	5344	0	0	0	0	0	0	0	0	0	0	5344
		Total	14587	0	0	0	0	0	0	0	0	0	0	14587
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	Male	9243	0	0	0	0	0	0	0	0	0	0	9243
		Female	5344	0	0	0	0	0	0	0	0	0	0	5344
		Total	14587	0	0	0	0	0	0	0	0	0	0	14587
1	SLOW FETAL GROWTH,FETAL MALNUTRITION AND IMMATUREITY (P05-P07)	Male	3152	0	0	0	0	0	0	0	0	0	0	3152
		Female	1817	0	0	0	0	0	0	0	0	0	0	1817
2	BIRTH TRAUMA(P10-P15)	Male	20	0	0	0	0	0	0	0	0	0	0	20
		Female	12	0	0	0	0	0	0	0	0	0	0	12
3	HYPOXIA,BIRTH ASPHYXIA AND OTHER RESPIRATORY CONDITIONS(P20-P28)	Male	4012	0	0	0	0	0	0	0	0	0	0	4012
		Female	2345	0	0	0	0	0	0	0	0	0	0	2345
4	HAEMOLYTIC DISEASE OF FETUS AND NEW-BORN (P55)	Male	10	0	0	0	0	0	0	0	0	0	0	10
		Female	0	0	0	0	0	0	0	0	0	0	0	0
5	OTHER PERINATAL JAUNDICE(P58-P59)	Male	29	0	0	0	0	0	0	0	0	0	0	29
		Female	19	0	0	0	0	0	0	0	0	0	0	19
6	ALL OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P04,P08,P29-P54,P56-P57,P60-P96)	Male	2020	0	0	0	0	0	0	0	0	0	0	2020
		Female	1151	0	0	0	0	0	0	0	0	0	0	1151
XVII	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	1011	242	166	81	0	0	0	0	0	0	0	1500
		Female	571	173	101	90	0	0	0	0	0	0	0	935
		Total	1582	415	267	171	0	0	0	0	0	0	0	2435

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	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	
46	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	1011	242	166	81	0	0	0	0	0	0	0	0	1500
		Female	571	173	101	90	0	0	0	0	0	0	0	0	935
		Total	1582	415	267	171	0	0	0	0	0	0	0	0	2435
1	SPINA BIFIDA(Q05)	Male	18	0	0	0	0	0	0	0	0	0	0	0	18
		Female	12	1	0	0	0	0	0	0	0	0	0	0	13
2	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM(Q20-Q28)	Male	570	119	74	44	0	0	0	0	0	0	0	0	807
		Female	330	68	49	40	0	0	0	0	0	0	0	0	487
3	CLEFT LIP AND CLEFT PALATE(Q35-Q37)	Male	0	1	0	0	0	0	0	0	0	0	0	0	1
		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	423	122	92	37	0	0	0	0	0	0	0	0	674
		Female	229	104	52	50	0	0	0	0	0	0	0	0	435
XVIII	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)	FMale	0	2	9	32	56	108	202	268	136	606	118	1537	
		Female	0	0	4	24	46	57	79	133	104	639	58	1144	
		Total	0	2	13	56	102	165	281	401	240	1245	176	2681	
47	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)	Male	0	2	9	32	56	108	202	268	136	606	118	1537	
		Female	0	0	4	24	46	57	79	133	104	639	58	1144	
		Total	0	2	13	56	102	165	281	401	240	1245	176	2681	
1	ABDOMINAL AND PELVIC PAIN(R10)	Male	0	0	0	0	0	0	6	7	0	1	1	15	
		Female	0	0	0	2	0	0	0	0	0	0	0	0	2
2	ASCITES(R18)	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	1	0	1
3	SOMNOLENCE, STUPOR AND COMA(R40)	Male	0	0	0	0	0	0	3	0	0	0	4	7	
		Female	0	0	0	0	4	5	0	0	0	0	0	0	9
4	FEVER OF UNKNOWN ORIGIN(R50)	Male	0	0	0	4	1	6	10	6	1	4	7	39	
		Female	0	0	0	2	2	3	3	7	3	4	5	29	
5	SENLILITY(R54)	Male	0	0	0	0	0	0	0	0	5	107	11	123	
		Female	0	0	0	0	0	0	0	2	4	100	9	115	
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	4	1	5	5	19	8	3	5	6	56	
		Female	0	0	0	2	4	3	4	6	0	7	1	27	
8	SHOCK, NOT ELSEWHERE CLASSIFIED(R57)	Male	0	0	0	3	6	7	11	20	13	24	11	95	
		Female	0	0	1	0	7	4	7	13	1	17	0	50	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
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	2	5	24	44	90	153	227	114	465	78	1202	
		Female	0	0	3	18	29	42	65	105	96	510	43	911	
XIX	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	53	116	217	1505	2170	1976	1749	1286	385	641	750	10848	
		Female	18	66	183	1427	1256	759	601	426	171	350	303	5560	
		Total	71	182	400	2932	3426	2735	2350	1712	556	991	1053	16408	
48	FRACTURES(S02,S12,S22,S32,S42,S52,S62,S72,S82,S92,T10,T12,T02,T08)	Male	0	0	2	59	84	58	74	48	26	44	24	419	
		Female	1	3	0	29	13	8	11	27	7	22	6	127	
		Total	1	3	2	88	97	66	85	75	33	66	30	546	
1	FRACTURE OF SKULL AND FACIAL BONES(S02)	Male	0	0	0	0	0	0	0	2	0	0	0	2	
		Female	0	0	0	0	0	0	0	0	1	0	0	1	
2	FRACTURE OF NECK,THORAX OR PELVIS(S12,S22,S32 & T08)	Male	0	0	0	1	2	4	2	2	0	0	3	14	
		Female	0	0	0	0	1	0	0	4	1	2	0	8	
3	FRACTURE OF UPPER LIMB(S42,S52,S62 & T10)	Male	0	0	0	0	0	0	6	0	0	0	0	6	
		Female	0	0	0	0	1	0	0	3	0	0	0	4	
4	FRACTURE OF LOWER LIMB(S72,S82,S92 & T12)	Male	0	0	0	1	4	1	4	21	12	25	3	71	
		Female	0	0	0	3	3	1	1	5	2	9	3	27	
5	FRACTURES INVOLVING MULTIPLE BODY REGIONS, AND OF UNSPECIFIED BODY REGION(T02)	Male	0	0	2	57	78	53	62	23	14	19	18	326	
		Female	1	3	0	26	8	7	10	15	3	11	3	87	
49	DISLOCATIONS,SPRAINS AND STRAINS OF SPECIFIED AND MULTIPLE BODY REGIONS (S03,S13,S23,S33,S43,S53,S63,S73,S83,S93,T03)	Male	0	0	4	17	28	15	29	22	9	22	3	149	
		Female	0	0	3	0	3	1	5	13	1	6	0	32	
		Total	0	0	7	17	31	16	34	35	10	28	3	181	
1	DISLOCATION,SPRAINS AND STRAINS OF SPECIFIED AND MULTIPLE BODY REGIONS (S03,S13,S23,S33,S43,S53,S63,S73,S83,S93,T03)	Male	0	0	4	17	28	15	29	22	9	22	3	149	
		Female	0	0	3	0	3	1	5	13	1	6	0	32	
50	INTRACRANIAL AND INTERNAL INJURIESINCLUDING NERVES(S04,S06,S14, S26-S27,S34,S36-S37,S44,S54,S64,S74,S84 & S94)	Male	1	2	18	117	165	177	207	167	38	80	35	1007	
		Female	0	2	9	21	38	37	74	37	21	32	10	281	
		Total	1	4	27	138	203	214	281	204	59	112	45	1288	
1	INTRACRANIAL AND INTERNAL INJURIESINCLUDING NERVES(S04,S06,S14, S26-S27,S34,S36-S37,S44,S54,S64,S74,S84 & S94)	Male	1	2	18	117	165	177	207	167	38	80	35	1007	
		Female	0	2	9	21	38	37	74	37	21	32	10	281	
51	CRUSHING INJURIES AND TRAUMATIC AMPUTATIONS OF SPECIFIED AND MULTIPLE BODY REGIONS (S07-S08,S17-S18,S28,S38,S47-S48,S57,S77-S78, S87-S88,S97-S98,T04-T05)	Male	0	1	9	2	14	17	5	12	1	0	6	67	
		Female	0	0	1	1	0	2	5	0	2	2	0	13	
		Total	0	1	10	3	14	19	10	12	3	2	6	80	
1	CRUSHING INJURIES AND TRAUMATIC AMPUTATIONS OF SPECIFIED AND MULTIPLE BODY REGIONS (S07-S08,S17-S18,S28,S38,S47-S48,S57,S77-S78, S87-S88,S97-S98,T04-T05)	Male	0	1	9	2	14	17	5	12	1	0	6	67	
		Female	0	0	1	1	0	2	5	0	2	2	0	13	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
52	OTHER INJURIES OF SPECIFIED, UNSPECIFIED AND MULTIPLE BODY REGIONS	Male	27	50	70	598	785	750	683	555	200	261	279	4258	
	(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)	Female	1	14	46	109	106	140	155	151	63	112	62	959	
		Total	28	64	116	707	891	890	838	706	263	373	341	5217	
1	OTHER INJURIES OF SPECIFIED, UNSPECIFIED AND MULTIPLE BODY REGIONS	Male	27	50	70	598	785	750	683	555	200	261	279	4258	
	(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)	Female	1	14	46	109	106	140	155	151	63	112	62	959	
53	EFFECTS OF FOREIGN BODY ENTERING THROUGH NATURAL ORIFICE(T15-T19)	Male	0	1	1	0	0	1	0	0	0	2	0	5	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	0	1	1	0	0	1	0	0	0	2	0	5	
1	EFFECTS OF FOREIGN BODY ENTERING THROUGH NATURAL ORIFICE(T15-T19)	Male	0	1	1	0	0	1	0	0	0	2	0	5	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
54	BURNS AND CORROSIONS(T20-T32)	Male	10	34	40	145	323	270	161	93	19	48	105	1248	
		Female	12	36	63	676	750	349	155	71	42	85	136	2375	
		Total	22	70	103	821	1073	619	316	164	61	133	241	3623	
1	BURNS AND CORROSIONS(T20-T32)	Male	10	34	40	145	323	270	161	93	19	48	105	1248	
		Female	12	36	63	676	750	349	155	71	42	85	136	2375	
55	POISONINGS BY DRUGS AND BIOLOGICAL SUBSTANCES,AND TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL AS TO SOURCE(T36-T50,T51-T65)	Male	13	20	53	501	718	649	542	358	89	173	271	3387	
		Female	1	11	57	540	308	201	177	121	35	84	87	1622	
		Total	14	31	110	1041	1026	850	719	479	124	257	358	5009	
1	POISONINGS BY DRUGS AND BIOLOGICAL SUBSTANCES,AND TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL AS TO SOURCE(T36-T50 & T51-T	Male	13	20	53	501	718	649	542	358	89	173	271	3387	
		Female	1	11	57	540	308	201	177	121	35	84	87	1622	
56	OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES AND CERTAIN EARLY COMPLICATIONS OF TRAUMA (T33-T35,T66-T78 & T79)	Male	2	8	20	65	52	33	26	29	1	9	26	271	
		Female	3	0	4	51	38	21	18	6	0	6	2	149	
		Total	5	8	24	116	90	54	44	35	1	15	28	420	
1	OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES AND CERTAIN EARLY COMPLICATA OF TRAUMA (T33-T35,T66-T78 & T79)	Male	2	8	20	65	52	33	26	29	1	9	26	271	
		Female	3	0	4	51	38	21	18	6	0	6	2	149	
57	COMPLICATIONS OF SURGICAL AND MADICAL CARE NOT ELSEWHERE CLASSIFIED(T80-T88)	Male	0	0	0	1	1	6	18	2	2	2	1	33	
		Female	0	0	0	0	0	0	1	0	0	1	0	2	
		Total	0	0	0	1	1	6	19	2	2	3	1	35	
1	COMPLICATIONS OF SURGICAL AND MEDICAL CARE NOT ELSEWHERE CLASSIFIED(T80-T88)	Male	0	0	0	1	1	6	18	2	2	2	1	33	
		Female	0	0	0	0	0	0	1	0	0	1	0	2	
58	LATE EFFECTS OF INJURIES,OF POISONING AND OF OTHER CONSEQUENCES OF EXTERNAL CAUSES(T90-T98)	Male	0	0	0	0	0	0	4	0	0	0	0	4	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	0	0	0	0	0	0	4	0	0	0	0	4	
1	LATE EFFECTS OF INJURIES,OF POISONING AND OF OTHER CONSEQUENCES OF EXTERNAL CAUSES(T90-T98)	Male	0	0	0	0	0	0	4	0	0	0	0	4	
		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 2014

KARNATAKA															
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
XX	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male	53	116	217	1505	2170	1976	1749	1286	385	641	750	10848	
		Female	18	66	183	1427	1256	759	601	426	171	350	303	5560	
		Total	71	182	400	2932	3426	2735	2350	1712	556	991	1053	16408	
E48	TRANSPORT ACCIDENTS(V01-V99)	Male	25	46	77	622	906	873	813	669	197	311	276	4815	
		Female	1	13	60	103	117	154	216	177	72	128	66	1107	
		Total	26	59	137	725	1023	1027	1029	846	269	439	342	5922	
1	RAILWAY ACCIDENTS(V05,V15,V80.6,V81)	Male	0	0	0	4	6	5	1	2	3	0	5	26	
		Female	0	0	0	2	0	2	1	0	2	0	0	7	
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	25	46	76	617	896	864	809	665	193	309	270	4770	
		Female	1	13	60	101	117	151	215	177	70	126	66	1097	
3	OTHER ROAD VEHICLE ACCIDENTS(V01,V06,V09.0-V09.1,V10-V11,V16-V18,V80.0-V80, V82.0,V82.2-V82.9,V87.9,V88.0-V88.5,V88.7-V88.9 & V89.0-V89.1)	Male	0	0	0	0	0	1	1	0	0	2	0	4	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
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	1	1	4	3	2	2	1	0	1	15	
		Female	0	0	0	0	0	1	0	0	0	2	0	3	
E49	ACCIDENTAL FALLS(W00-W19)	Male	0	7	8	50	33	23	20	19	3	19	16	198	
		Female	0	2	4	2	7	4	1	6	4	14	1	45	
		Total	0	9	12	52	40	27	21	25	7	33	17	243	
1	ACCIDENTAL FALLS(W00-W19)	Male	0	7	8	50	33	23	20	19	3	19	16	198	
		Female	0	2	4	2	7	4	1	6	4	14	1	45	
E50	ACCIDENTAL DROWING AND SUBMERSION(W65-W74)	Male	1	6	7	4	9	0	2	5	0	1	6	41	
		Female	2	0	3	3	0	0	0	2	0	1	0	11	
		Total	3	6	10	7	9	0	2	7	0	2	6	52	
1	ACCIDENTAL DROWING AND SUBMERSION(W65-W74)	Male	1	6	7	4	9	0	2	5	0	1	6	41	
		Female	2	0	3	3	0	0	0	2	0	1	0	11	
E51	EXPOSURE TO SMOKE, FIRE AND FLAMES(X00-X09)	Male	14	33	42	123	254	226	128	75	19	44	97	1055	
		Female	12	37	65	594	654	320	136	65	38	80	124	2125	
		Total	26	70	107	717	908	546	264	140	57	124	221	3180	
1	EXPOSURE TO SMOKE, FIRE AND FLAMES(X00-X09)	Male	14	33	42	123	254	226	128	75	19	44	97	1055	
		Female	12	37	65	594	654	320	136	65	38	80	124	2125	

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA														
SL.N O.	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
E52	ACCIDENTAL POISONING BY AND EXPOSURE TO NOXIOUS SUBSTANCES(X40-X49)	Male	4	5	9	100	89	102	84	56	20	31	46	546
		Female	0	4	11	101	49	31	22	12	9	15	12	266
		Total	4	9	20	201	138	133	106	68	29	46	58	812
1	ACCIDENTAL POISONING BY AND EXPOSURE TO NOXIOUS SUBSTANCES(X40-X49)	Male	4	5	9	100	89	102	84	56	20	31	46	546
		Female	0	4	11	101	49	31	22	12	9	15	12	266
E53	INTENTIONAL SELF-HARM(SUICIDE-ATTEMPTED)(X60-X84)	Male	0	0	2	423	691	579	460	278	66	125	229	2853
		Female	0	0	9	519	336	180	171	79	27	56	76	1453
		Total	0	0	11	942	1027	759	631	357	93	181	305	4306
1	INTENTIONAL SELF-HARM(SUICIDE-ATTEMPTED)(X60-X84)	Male	0	0	2	423	691	579	460	278	66	125	229	2853
		Female	0	0	9	519	336	180	171	79	27	56	76	1453
E54	ASSAULT(HOMICIDE)(X85-Y09)	Male	0	4	0	7	18	13	25	5	4	2	10	88
		Female	0	2	2	6	16	12	3	11	0	4	3	59
		Total	0	6	2	13	34	25	28	16	4	6	13	147
1	ASSAULT(HOMICIDE)(X85-Y09)	Male	0	4	0	7	18	13	25	5	4	2	10	88
		Female	0	2	2	6	16	12	3	11	0	4	3	59
E55	OTHER VIOLENCE(Y10-Y36)	Male	0	0	0	7	3	3	3	12	0	2	6	36
		Female	0	0	0	14	0	3	0	1	0	3	0	21
		Total	0	0	0	21	3	6	3	13	0	5	6	57
1	EVENT OF UNDERTERMINED INTENT(Y10-Y34)	Male	0	0	0	7	3	3	3	12	0	2	6	36
		Female	0	0	0	14	0	3	0	1	0	3	0	21
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
E56	COMPLICATIONS OF MEDICAL AND SURGICAL CARE(Y40-Y84)	Male	0	0	0	0	2	1	1	1	2	3	0	10
		Female	1	0	0	0	0	0	0	2	1	2	0	6
		Total	1	0	0	0	2	1	1	3	3	5	0	16
1	DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE (Y40-Y59)	Male	0	0	0	0	1	0	1	0	0	0	0	2
		Female	0	0	0	0	0	0	0	1	0	1	0	2
2	MISADVENTURES DURING SURGICAL AND MEDICAL CARE, ADVERSE INCIDENTS IN DIAGNOSTIC AND THERAPEUTIC USE, ABNORMAL REACTIONS AND LATE COMPLICATIONS(Y60-Y69, Y70-Y82 & Y83-Y84)	Male	0	0	0	0	1	1	0	1	2	3	0	8
		Female	1	0	0	0	0	0	0	1	1	1	0	4
E57	OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY, NOT ELSEWHERE CLASSIFIED (W20-W64, W75-W99, X10-X39, X50-X59)	Male	9	15	72	169	165	156	213	166	74	103	64	1206
		Female	2	8	29	85	77	55	52	71	20	47	21	467
		Total	11	23	101	254	242	211	265	237	94	150	85	1673

TABLE 2 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2014

KARNATAKA														
SL.N O.	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	ACCIDENTS CAUSED BY MACHINERY,AND BY CUTTING PIERCING INSTRUMENTS(W24-W31)	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	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	4	8	31	23	28	32	49	36	4	32	17	264
		Female	0	5	13	20	31	30	17	33	3	17	13	182
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
5	ALL OTHER ACCIDENTS INCLUDING LATE EFFECTS(W20-W23,W35-W64,W75-W99, X10-X19,X28-X29,X30-X31,X33-X39 & X50-X59)	Male	5	7	41	146	137	124	164	130	70	71	47	942
		Female	2	3	16	65	46	25	35	38	17	30	8	285
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	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	0	0	0	0
1	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	0	0	0	0	0	0	0
	ALL CAUSES	Male	10642	809	1037	3066	6161	9730	13664	16204	8706	19888	4466	94373
		Female	6129	586	896	3130	4016	3908	5671	7581	4772	13368	1856	51913
		Total	16771	1395	1933	6196	10177	13638	19335	23785	13478	33256	6322	146286

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
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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 State the disease, injury or complication which caused death, not the mode of dying such as heart failure, asthenia, etc.	(a) Due to (or as a consequences of)	
Antecedent Cause Morbid conditions, if any, giving rise to the above Cause, stating underlying conditions last	(b) Due to (or as a consequences of) (c)	

II Other significant conditions contributing to the death but not related to the disease or conditions causing it
--	----------------	----------------

Manner of death 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.	How did the injury occur?
---	----------------------------------

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 entitles 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

TEAM INVOLVED IN THE PUBLICATION OF THIS REPORT

1.Smt. C.H. VASUNDHARA DEVI CHIEF REGISTRAR

2. Sri. U. R. SUBRAMANYA JOINT CHIEF REGISTRAR

3. Sri. SANNAMASIYAPPA DEPUTY CHIEF REGISTRAR

4. Smt. G. VANAJAKSHI ASSISTANT CHIEF REGISTRAR

5. Smt. N. YASHODA ASSISTANT CHIEF REGISTRAR

5.Smt. N. CHANDRAVATHI TYPIST



ಜನನ ಅಥವಾ ಮರಣ

ಇದು ನಿಮ್ಮ ಕುಟುಂಬದಲ್ಲಿ ಸಂಭವಿಸಿದಾಗ ನಿಮ್ಮ ಸ್ಥಳೀಯ ರಿಜಿಸ್ಟ್ರಾರರಲ್ಲಿ ಅವಶ್ಯ ನೋಂದಣಿ ಮಾಡಿಸಿರಿ. ಇದು ಈ ಕೆಳಕಂಡ ಉದ್ದೇಶಗಳಿಗೆ ಸಹಾಯಕಾರಿಯಾಗುತ್ತದೆ.

ಜನನ ಪ್ರಮಾಣ ಪತ್ರ

ಮರಣ ಪ್ರಮಾಣ ಪತ್ರ

• ಶಾಲೆಗೆ ಸೇರಲು	• ಆಸ್ತಿಯ ಉತ್ತರಾಧಿಕಾರಿಯಾಗಲು
• ಉದ್ಯೋಗವನ್ನು ಪಡೆಯಲು	• ವಿಮಾ ಹಣ ಪಡೆಯಲು
• ಮತದಾನದ ಹಕ್ಕು ಪಡೆಯಲು	• ಆಸ್ತಿಯ ಹಕ್ಕನ್ನು ಇತ್ಯರ್ಥ ಮಾಡಲು
• ಡ್ರೈವಿಂಗ್ ಲೈಸೆನ್ಸ್ ಪಡೆಯಲು	• ನೈಸರ್ಗಿಕ ಪ್ರಕೋಪದಲ್ಲಿ ಸಾವಿಗೀಡಾದರೆ, ಪರಿಹಾರ ಭತ್ಯೆ ಪಡೆಯಲು
• ಪಾಸ್‌ಪೋರ್ಟ್ ಪಡೆಯಲು	• ಅನುಕಂಪದ ಆಧಾರದ ಮೇಲೆ ನೌಕರಿಗೆ ಅರ್ಜಿ ಸಲ್ಲಿಸಲು
• ವಿಮಾ ಪಾಲಿಸಿಯನ್ನು ತೆಗೆದುಕೊಳ್ಳಲು	• ಅಪಘಾತದಲ್ಲಿ ಮರಣವಾದರೆ ಪರಿಹಾರ ಭತ್ಯೆ ಪಡೆಯಲು
• ಪಡಿತರ ಚೀಟಿಯಲ್ಲಿ ಹೆಸರು ಸೇರಿಸಲು	
• ವಿವಾಹ ನೋಂದಣಿ ಮಾಡಿಸಲು	
• ಇನ್ನೂ ಅನೇಕ ಉದ್ದೇಶಗಳಿಗೆ	

21 ದಿನಗಳೊಳಗಾಗಿ ನೋಂದಾಯಿಸಿ ಪ್ರಮಾಣ ಪತ್ರವನ್ನು ಉಚಿತವಾಗಿ ಪಡೆಯಿರಿ.

ಕಾನೂನಿನ ಪ್ರಕಾರ ಜನನಗಳ ಮತ್ತು ಮರಣಗಳ ನೋಂದಣಿ ಕಡ್ಡಾಯ. ವಿಳಂಬ ನೋಂದಣಿಗೂ ಸಹ ಅವಕಾಶವಿದೆ.

ನೋಂದಣಿ ಅಧಿಕಾರಿಗಳು

1. ಗ್ರಾಮೀಣ ಪ್ರದೇಶದಲ್ಲಿ, ತಾಲ್ಲೂಕು ಆಸ್ಪತ್ರೆ, ಪ್ರಾಥಮಿಕ ಆರೋಗ್ಯ ಕೇಂದ್ರ : ಆಯಾ ಗ್ರಾಮಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟ ಗ್ರಾಮಲೆಕ್ಕಿಗರು ಪ್ರಭಾರವಿರತಕ್ಕೆ ವೈದ್ಯಾಧಿಕಾರಿ / ವೈದ್ಯಾಧಿಕಾರಿ
2. ಮಹಾನಗರಪಾಲಿಕೆ ಮತ್ತು ನಗರ ಸಭೆಗಳಲ್ಲಿ : ಆರೋಗ್ಯಾಧಿಕಾರಿಗಳು / ಆರೋಗ್ಯ ನಿರೀಕ್ಷಕರು
3. ಪುರಸಭೆ, ಪಟ್ಟಣ ಪಂಚಾಯತ್ ಪ್ರದೇಶಗಳಲ್ಲಿ : ಆರೋಗ್ಯಾಧಿಕಾರಿಗಳು / ಆರೋಗ್ಯ ನಿರೀಕ್ಷಕರು
4. ಅಧಿಸೂಚಿತ ಪ್ರದೇಶ/ಪ್ರಾಜೆಕ್ಟ್ ಪ್ರದೇಶ, ಜಿಲ್ಲಾ ಆಸ್ಪತ್ರೆ : ಆರೋಗ್ಯ ನಿರೀಕ್ಷಕರು
5. ನೈರ್ಮಲ್ಯ ಮಂಡಳಿ/ಸಮುದಾಯ ಆರೋಗ್ಯ ಕೇಂದ್ರ : ನೈರ್ಮಲ್ಯ ನಿರೀಕ್ಷಕರು/ನಿವಾಸಿ ವೈದ್ಯಾಧಿಕಾರಿಗಳು / ವೈದ್ಯಾಧಿಕಾರಿಗಳು



ಜನನ ಮತ್ತು ಮರಣಗಳ ಮುಖ್ಯ ನೋಂದಣಾಧಿಕಾರಿಗಳು ಮತ್ತು ನಿರ್ದೇಶಕರು, ಆರ್ಥಿಕ ಮತ್ತು ಸಾಂಖ್ಯಿಕ ನಿರ್ದೇಶನಾಲಯ, ಬೆಂಗಳೂರು

