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GOVERNMENT OF KARNATAKA

**REPORT
ON
MEDICAL CERTIFICATION OF
CAUSE OF DEATH
2010**



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

PREFACE

The Report for the year 2010 is the thirtieth 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 1254 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 data was processed in the Division dealing with Civil Registration, National Sample Survey, etc., of the Directorate.

Suggestions for improvement of the publication are most welcome.

Bangalore
Date : 19.04.2012

H.E.Rajashekarappa
Director & Chief Registrar of
Births and Deaths

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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 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. 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 – 2010 is based upon 121347 (Males: 76851 and Females: 44496) medically certified deaths (30 per cent of total registered deaths) supplied by 1254 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 2010, following are eight leading cause groups of deaths constituting around 87.42 per cent of total deaths:

- I. *Diseases of Circulatory System (30.69 per cent).*
- II. *Certain Infectious and Parasitic diseases (11.45 per cent).*
- III. *Certain condition originating in the perinatal period (8.90 per cent)*
- IV. *Injury, Poisoning and certain other consequences of External causes (8.66 per cent)..*
- V. *Diseases of the Respiratory System (8.58 per cent).*

- VI. *Diseases of the Digestive System (6.48 per cent)*
VII. *Endocrine, Nutritional and Metabolic Diseases (6.42 per cent).*
VIII. *Neoplasm (6.24 per cent).*

- Among the “Diseases of the circulatory system” deaths, “*Ischemic Heart Diseases*” (*IHD*) account for the highest number of deaths (43.55 per cent). Around every 13th medically certified death has been reported to be caused by Ischemic Heart Disease alone. [Chapter-III, Statement-6]
- The major group “*Certain Infectious and Parasitic Diseases*” which is the second leading cause of death is mainly constituted by “*Respiratory Tuberculosis and septicemia*”. Under this major group, the share of these two diseases are 33.40 per cent and 18.45 percent respectively. The Respiratory Tuberculosis alone accounts for 3.83 per cent of the total medically certified deaths. [Chapter-III, Statement-2]
- The third leading group “*Certain conditions originating in the perinatal period*” accounting for 8.90 per cent of the total medically certified deaths. “*Slow fetal growth, fetal malnutrition and immaturity*” accounts for 42.22 per cent of the deaths under the group and 3.76 percent of total medically certified deaths. [Chapter-III, Statement-10]
- The fourth leading cause group “*Injury, Poisoning and certain other consequences of External causes*” has a major constituent “*Poisonings by drugs and Biological substances and Toxic effects of substances chiefly non-medicinal as to source*” contributing around 36.43 per cent of the total deaths under this cause group and 3.15 per cent of total medically certified deaths. [Chapter-III, Statement-11]
- The major group “*Diseases of the Respiratory System*” is the fifth leading cause “*Other Lower Respiratory Disorders*” accounting for around 30.05 per cent of the total deaths. The other major cause in this group is “*Pneumonia*” Causing 26.05 per cent of death, under total medically certified deaths, “*Pneumonia*” alone accounts for 2.23 per cent. [Chapter-III, Statement-14]
- The major group comprising “*Diseases of Digestive System*” is the sixth leading cause accounting for 6.48 per cent of the total medically certified deaths. Among the deaths due to disorders of digestive system “*Diseases of the Liver*” alone accounts for 64.33 per cent of the total deaths in this group. [Chapter-III, Statement-16]

- The group of “*Endocrine, Nutritional and Metabolic Diseases*” is the seventh leading cause group accounting for 6.42 per cent of the total medically certified deaths. Under this cause group, “*Diabetes Mellitus*” group alone accounts for 87.09 per cent of total deaths reported and 5.59 per cent of total medically certified deaths. [Chapter-III, Statement-18]
- The eighth leading cause group, *Neoplasms (cancer)* is responsible for 6.24 per cent of the total medically certified deaths, of which “*Malignant Neoplasm of digestive organs*” accounts for 30.22 per cent which is around one-third of deaths. This is followed by “*Malignant Neoplasms of Lymphoid, Haematopoietic and Related tissue*” accounts for one-sixth of deaths (15.65%). [Chapter-III, Statement-20]

Age-wise: [TABLE-2]

- Every tenth reported medically certified deaths has been of the infants (age less than 1 year).
- About 85 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 “*Certain Infectious and Parasitic Diseases*” have taken the highest toll of 37.13 per cent. In the age group 5-14 years as well this cause group claimed the topmost position with the share of 31.17 per cent.
- In the age-group 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 41.93 per cent and 27.20 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 “*Certain Infectious and Parasitic Diseases*” are having almost equal shares of 21.62 and 19.55 per cent respectively.
- For all the age-groups of 45 years and above “*Diseases of Circulatory System*” is the first leading cause of death. 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 31.97 per cent to 49.65 per cent.
- The highest number of deaths (26080 i.e., 21.49 per cent of total) 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 63.33 per cent and 36.67 per cent respectively, with a sex ratio of females to males to be 579 per thousand. [Chapter-III, Statement-3]
- There is no significant difference for both males and females as far as eight leading causes are concerned, except for neoplasm deaths and digestive system deaths. [Chapter-III, Statement-4]
- The percentage of female neoplasm deaths to total female medically certified deaths is 7.19 per cent as compared to the corresponding male figure of 5.68 per cent. On the contrary, the percentage of female digestive system deaths to total female medically certified deaths is just 3.67 per cent as compared to the corresponding male figure of 8.10 per cent. [Chapter-III, Statement-4]

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 3 chapters and 3 appendices. Chapters II and III deals with '*Scheme of Medical Certification of Cause of Death: Status of implementation*' and '*Distribution of Deaths by Cause*' respectively.

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 2010, 1254 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 During 2010, 66 percent of institutional and non-institutional medically certified death events to the 184793 (provisional) registered deaths as per the Civil Registration System in urban areas in the State was covered. As per the reported information, the no.of hospitals covered and reporting data on MCCD, Districtwise and Sexwise classification in the State is presented in the **Statement-1**.

Statement – 1

DISTRICTWISE AND SEXWISE DISTRIBUTION OF DEATHS – 2010

Sl.No	District	No.of Hospitals	Male	Female	Total	% to total deaths
1	Bagalkote	51	2040	1238	3278	2.7
2	Bangalore(U)	391	20325	12467	32792	27.0
3	Bangalore(R)	14	442	335	777	0.6
4	Belgaum	61	4615	2386	7001	5.8
5	Bellary	41	3382	1840	5222	4.3
6	Bidar	23	1070	590	1660	1.4
7	Bijapur	34	2012	1176	3188	2.6
8	Chamarajanagar	13	264	142	406	0.3
9	Chikballapur	10	452	226	678	0.6
10	Chikmagalur	26	1352	699	2051	1.7
11	Chitradurga	20	1298	740	2038	1.7
12	D.Kannada	82	5899	3096	8995	7.4
13	Davanagere	26	3653	2192	5845	4.8
14	Dharwad	60	4827	2972	7799	6.4
15	Gadag	32	1600	999	2599	2.1
16	Gulbarga	23	1598	1074	2672	2.2
17	Hassan	21	1249	603	1852	1.5
18	Haveri	18	734	393	1127	0.9
19	Kodagu	14	556	271	827	0.7
20	Kolar	26	1374	850	2224	1.8
21	Koppal	14	379	194	573	0.5
22	Mandya	20	1488	741	2229	1.8
23	Mysore	40	6326	3772	10098	8.3
24	Raichur	14	1160	729	1889	1.6
25	Ramanagar	10	210	93	303	0.2
26	Shimoga	41	2545	1449	3994	3.3
27	Tumkur	38	1995	970	2965	2.4
28	Udupi	47	2536	1383	3919	3.2
29	U.Kannada	44	1470	876	2346	1.9
	Total	1254	76851	44496	121347	100.0

2.5 During 2010, a total of 121347 medically certified deaths were reported, of which 76851 and 44496 pertained to males and females respectively. Among 3545 hospitals in the State 1254 (35.37%) hospitals were covered under Medical Certification of Cause of Death.

Out of 391 hospitals in Bangalore district, the district had reported 32792 deaths covering 27.00 per cent of total deaths.

The next highest number of hospitals (82) in Dakshina Kannada district covered under Medical Certification of Cause of Death accounted for 8995 deaths (7.4 per cent).

Less than 500 deaths were reported in the districts of Chamarajanagar (0.3%), Koppal (0.5%) and Ramanagar (0.2%).

Growth in the Medical Certification of Cause of Death :

2.6 The time series data on MCCD for the year 1993 to 2010 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 30.98 per cent during the year 2008 and it was again decreased by 0.72 per cent during the year 2010 (30.20 per cent). The growth in MCCD during the last 18 years is given in **Statement-2** and is highlighted in the **Chart-1**.

Statement - 2

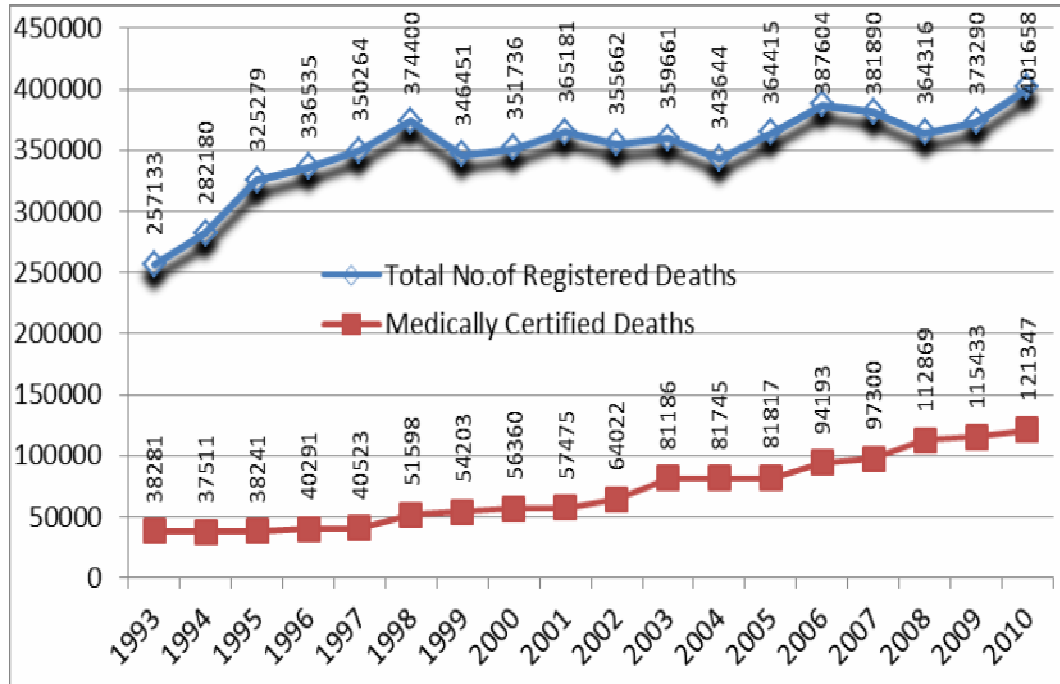
Growth in the Medical Certification as a part of total Registered Deaths

Year	Total No. of Registered Deaths	Medically Certified Deaths	Percentage of Medically Certified Deaths to Total Registered Deaths
1993	257133	38281	14.89
1994	282180	37511	13.29
1995	325279	38241	11.76
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	24.30
2007	381890	97300	25.48
2008	364316	112869	30.98
2009	373290	115433	30.92
2010	401658(P)	121347	30.20

(P) = Provisional

Chart – 1

Growth in MCCD in Karnataka 1993-2010



CHAPTER - III

**SCHEME OF MCCD :
DISTRIBUTION OF DEATHS
BY CAUSE**

CHAPTER – III

Distribution of Deaths by cause

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 1254 hospitals by age, sex and major cause groups. During 2010, a total of 121347 medically certified deaths were reported, of which 76851 and 44496 pertained to males and females respectively. The age-wise distribution of such deaths by sex is presented in the **Statement-3 & Chart-2**.

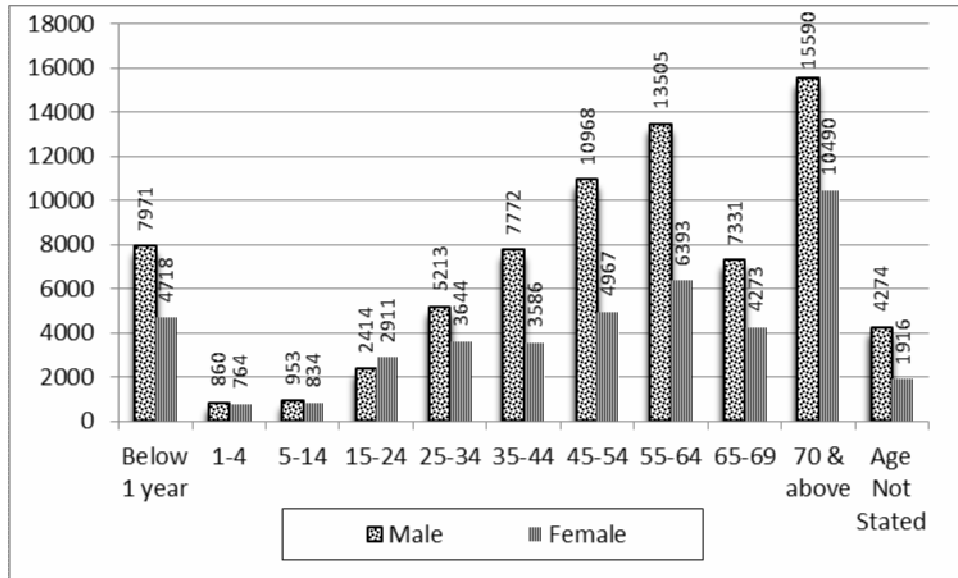
Statement – 3
Age and Sex Distribution of Medically Certified Deaths – 2010

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	7971	10.37	6.57	4718	10.60	3.89	12689	10.46
2	1-4	860	1.12	0.71	764	1.72	0.63	1624	1.34
3	5-14	953	1.24	0.79	834	1.87	0.69	1787	1.47
4	15-24	2414	3.14	1.99	2911	6.54	2.40	5325	4.39
5	25-34	5213	6.78	4.30	3644	8.19	3.00	8857	7.30
6	35-44	7772	10.11	6.40	3586	8.06	2.96	11358	9.36
7	45-54	10968	14.27	9.04	4967	11.16	4.09	15935	13.13
8	55-64	13505	17.57	11.13	6393	14.37	5.27	19898	16.40
9	65-69	7331	9.54	6.04	4273	9.60	3.52	11604	9.56
10	70 & above	15590	20.29	12.85	10490	23.58	8.64	26080	21.49
11	Age Not Stated	4274	5.56	3.52	1916	4.31	1.58	6190	5.10
	Total	76851	100.00	63.33	44496	100.00	36.67	121347	100.00

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

Chart - 2

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE AND SEX UNDER MCCD – 2010



3.2 Statement-3 indicates the contribution of male and female deaths in the total medically certified cases were reported to be 63.33 per cent and 36.67 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 52.13 per cent of deaths. Age group 35-44 years also had a significant place with 10.11 per cent. Infant deaths occupied the 4th place (10.37 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 37.95 per cent deaths. Infant deaths took 4th position with 10.60 per cent, 16.25 per cent deaths were from the prime age group of 25-34 years and 35-44 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), Certain Infectious and Parasitic Diseases (A00-B99), Certain conditions originating in the perinatal period (P00-P96), Injury, Poisoning and certain other consequences of external causes (S00-T98), Diseases of the Respiratory System (J00-J98), Diseases of the Digestive System (K00-K92), Endocrine, Nutritional and Metabolic Diseases (E00-E89) and Neoplasm (C00-D48)* and taken together account for about 87.42 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 2010

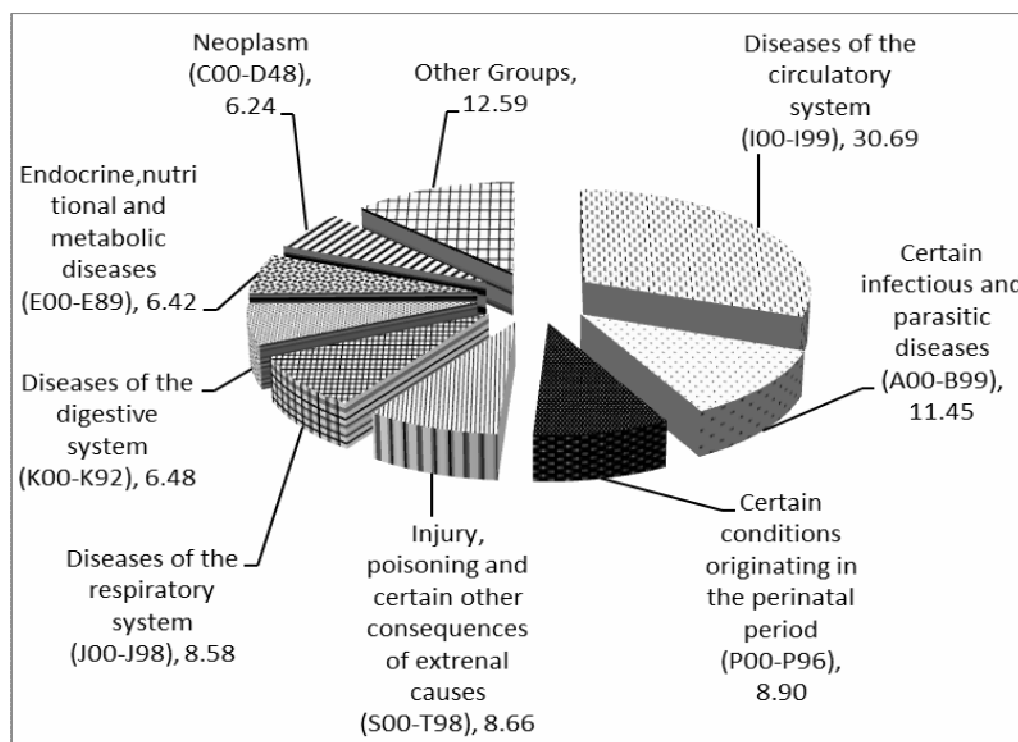
Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System (I00-I99)	23941	31.15	13304	29.90	37245	30.69
2	Certain Infectious and Parasitic Diseases (A00-B99)	8876	11.55	5024	11.29	13900	11.45
3	Certain conditions originating in the perinatal period (P00-P96)	6798	8.85	4004	9.00	10802	8.90
4	Injury, Poisoning and certain other consequences of external causes (S00-T98)	6523	8.49	3980	8.94	10503	8.66
5	Diseases of the Respiratory System (J00-J98)	6740	8.77	3670	8.25	10410	8.58
6	Diseases of the Digestive System (K00-K92)	6225	8.10	1634	3.67	7859	6.48
7	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	4630	6.02	3156	7.09	7786	6.42
8	Neoplasm (C00-D48)	4367	5.68	3200	7.19	7567	6.24
9	Other Groups	8751	11.39	6524	14.66	15275	12.59
	Total	76851	100.00	44496	100.00	121347	100.00

3.4 Among the leading cause groups, *‘Diseases of Circulatory System’* constitute the maximum i.e. **30.69 per cent** of total medically certified deaths, followed by *‘Certain Infectious and Parasitic Diseases’* **11.45 per cent** and *‘Certain conditions originating in the perinatal period’* constitute **8.90 per cent** of total medically certified deaths, *‘Injury, Poisoning and Certain Other Consequences of External Causes’* **8.66 per cent**, followed by **8.58 per cent** due to *‘Diseases of the Respiratory System’*, *‘Diseases*

of the Digestive system’, ‘Endocrine, Nutritional and Metabolic Diseases’ and ‘The Neoplasms’ each constitute around 6 percent of the total medically certified deaths each. 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*’, ‘*Certain Infectious and Parasitic Diseases*’, ‘*Diseases of Respiratory System*’ and ‘*Diseases of the digestive system*’ compared to corresponding female figures. The percentage distribution of medically certified deaths by leading cause groups is depicted in **Chart-3**.

Chart - 3

PERCENTAGE DISTRIBUTION OF DEATHS UNDER MCCD BY LEADING CAUSE GROUP – 2010



3.5 The percentage distribution of eight major cause groups of death for the period 1993 to 2010 is presented in the **Statement-5**.

Statement – 5

Percentage Distribution of 8 leading Major Cause Groups of Deaths during 1993 - 2010

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
1993	21.53	16.15	15.55	11.55	6.43	4.60	4.29	5.33	14.57	100.00
1994	21.93	14.79	15.97	10.40	6.23	4.86	4.74	6.04	15.04	100.00
1995	21.20	14.60	16.40	10.30	6.50	4.80	4.60	6.30	15.30	100.00
1996	21.10	14.40	15.80	10.20	7.50	4.70	4.20	6.40	15.70	100.00
1997	22.00	14.60	16.00	10.90	6.10	4.60	4.40	6.50	14.90	100.00
1998	22.10	15.50	15.30	9.30	6.40	4.80	4.50	6.60	15.50	100.00
1999	21.60	17.30	15.40	9.30	6.70	4.60	4.30	6.30	14.50	100.00
2000	26.31	15.16	9.21	10.27	6.42	4.68	3.85	7.25	16.85	100.00
2001	24.98	13.12	15.03	10.49	5.04	5.05	4.95	6.15	15.19	100.00
2002	25.32	12.32	13.63	10.39	5.22	5.95	4.45	6.26	16.46	100.00
2003	25.56	12.32	11.62	10.01	5.52	6.39	5.36	6.29	16.93	100.00
2004	25.65	12.24	11.48	9.54	5.43	6.29	6.20	6.45	16.72	100.00
2005	26.98	12.72	10.28	9.68	5.97	6.81	5.67	6.38	15.51	100.00
2006	27.51	12.03	10.19	7.71	6.52	8.07	5.86	6.55	15.56	100.00
2007	25.29	13.02	11.28	8.77	7.22	6.72	5.68	6.33	15.69	100.00
2008	28.78	11.12	10.16	8.32	7.56	6.84	6.25	5.96	15.01	100.00
2009	28.26	11.23	9.75	8.95	7.47	6.88	6.77	6.04	14.65	100.00
2010	30.69	11.45	8.66	8.90	8.58	6.42	6.24	6.48	12.59	100.00

- 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 1993 onwards and basic data on MCCD is for the years 1993 to 2010.

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 deaths has registered an increasing trend over the year. 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 a fluctuating pattern over the years. However, the data on an average has displayed a downward movement.

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 declining 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 8.58 per cent during the period of 1993 to 2010, thus accounting for around 5 to 8 deaths per hundred reported medically certified deaths. What is important is that the proportion of deaths due to *'Diseases of Respiratory System'* has shown an increasing tendency since 2007.

3.5.4 The share of medically certified deaths due to *'Endocrine, Nutritional and Metabolic Diseases'* has shown an increasing trend over the years.

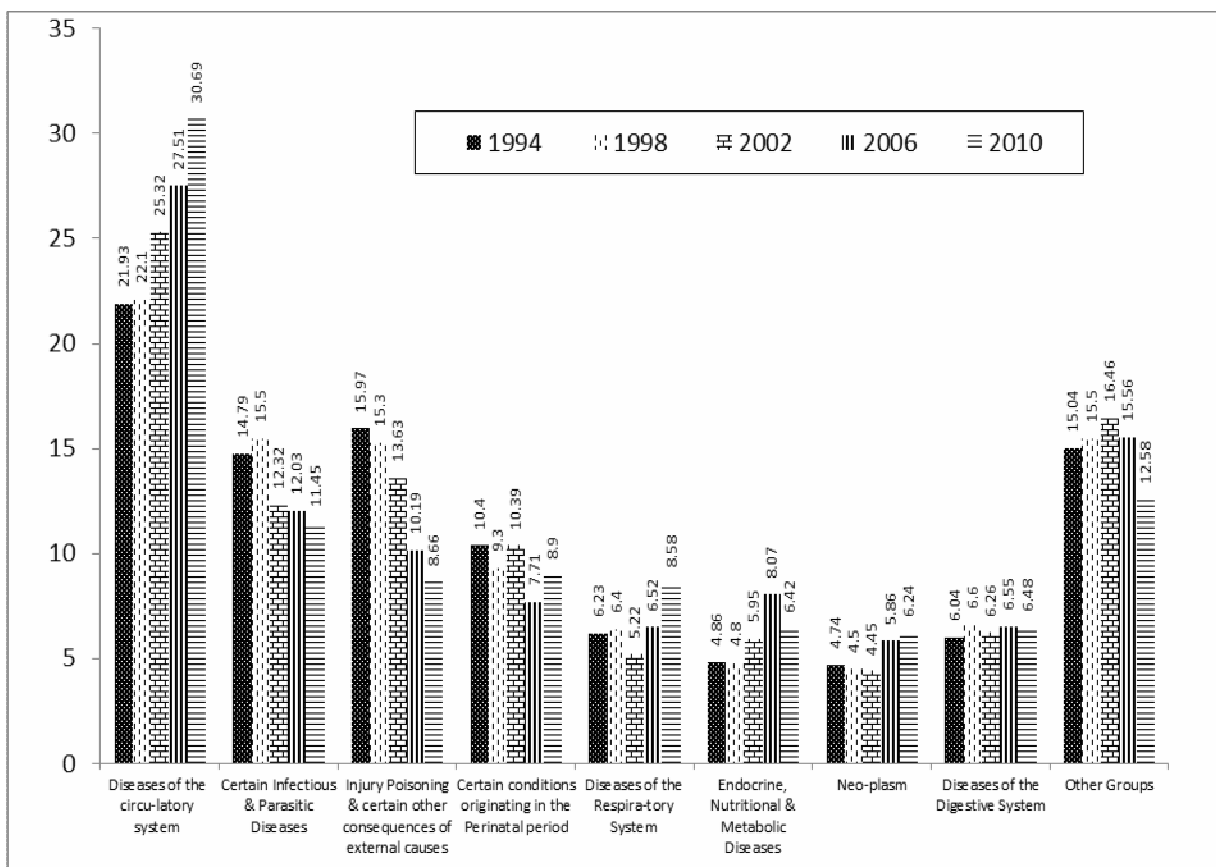
3.5.5 The percentage of deaths due to *'Neoplasms'* has varied from 3.85 per cent to 6.24 per cent over the years. In 2010, the percentage of medically certified deaths due to *'Diseases of Digestive System'* is 6.48 as against 7.25 in 2000. The share of deaths due to this cause has an average of 6 per cent since 1994 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 1993.

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 1993, 1997, 2001, 2005 and 2010.

Chart –4

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



Leading Causes of Deaths

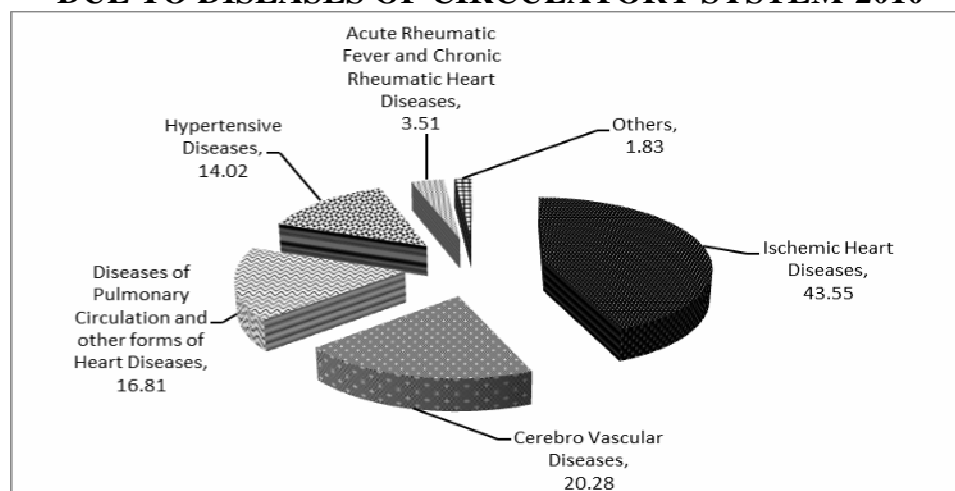
3.6 Diseases of the Circulatory System (IX):

It is the topmost ranking major group of disease, constituting 30.69 per cent of total medically certified deaths. It accounts for 31.15 per cent of males and 29.90 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 – 2010

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Ischemic Heart Diseases	10690	44.65	5530	41.57	16220	43.55	13.37
2	Cerebro Vascular Diseases	4966	20.74	2587	19.45	7553	20.28	6.22
3	Diseases of Pulmonary Circulation and other forms of Heart Diseases	3972	16.59	2288	17.20	6260	16.81	5.16
4	Hypertensive Diseases	3263	13.63	1959	14.72	5222	14.02	4.30
5	Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases	628	2.62	679	5.10	1307	3.51	1.08
6	Others	422	1.76	261	1.96	683	1.83	0.56
7	Total Medically Certified Deaths due to Diseases of Circulatory System	23941	100.00	13304	100.00	37245	100.00	30.69
8	Deaths due to Diseases of Circulatory System as percentage to total medically certified deaths		31.15		29.9		30.69	

Chart – 5
PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS
DUE TO DISEASES OF CIRCULATORY SYSTEM-2010



3.6.1 The Sub-group '**Ischemic Heart Diseases (IHD)**' characterized by reduced blood supply to the heart muscle, usually due to coronary artery disease (arthrosclerosis of the Coronary arteries) accounts for the highest no.of deaths (43.55 per cent) under the major group '**Diseases of Circulatory System**'. Furthermore, around every 13th medically certified deaths has been reported to be caused by IHD alone. The sub group '**Cerebrovascular Diseases**' is reported to be the second highest cause of deaths constituting 20.28 per cent of the Circulatory system deaths followed by '**Diseases of Pulmonary Circulation and other forms of heart Diseases (16.81 per cent)**' and '**Hypertensive Diseases (14.02 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.

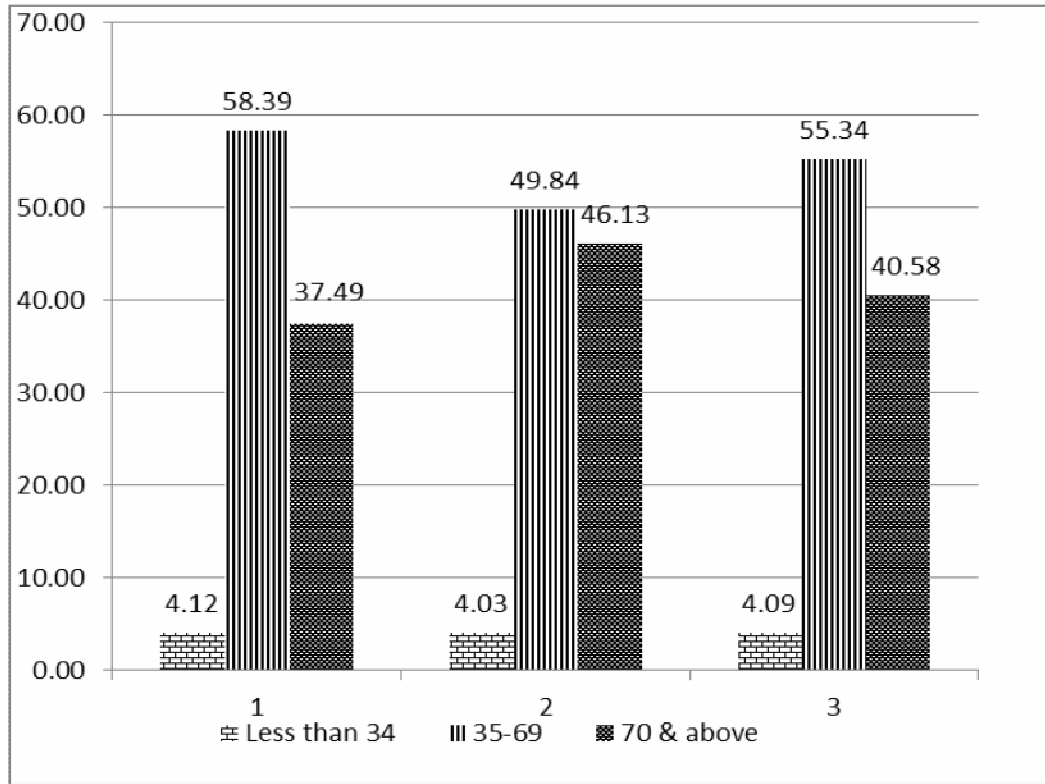
3.6.2 The age distribution of medically certified deaths due to '**Diseases of Circulatory System**' has been given in **Statement-7** and highlighted in **Chart-6**. The age distribution under this cause group is in consonance with the general epidemiology of circulatory system which increase with age.

Statement – 7
Age Distribution of Deaths Due to Diseases of Circulatory System Under MCCD-2010

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	12	0.05	5	0.04	17	0.05
2	1-4	22	0.09	15	0.11	37	0.10
3	5-14	38	0.16	24	0.18	62	0.17
4	15-24	105	0.44	79	0.59	184	0.49
5	25-34	809	3.38	413	3.10	1222	3.28
6	35-44	1755	7.33	701	5.27	2456	6.59
7	45-54	3629	15.16	1465	11.01	5094	13.68
8	55-64	5384	22.49	2541	19.10	7925	21.28
9	65-69	3211	13.41	1924	14.46	5135	13.79
10	70 & above	7406	30.93	5544	41.67	12950	34.77
11	Age Not Stated	1570	6.56	593	4.46	2163	5.81
	Total	23941	100.00	13304	100.00	37245	100.00

Chart - 6

**AGE DISTRIBUTION OF DEATHS DUE TO “DISEASES OF CIRCULATORY SYSTEM”
UNDER MCCD - 2010**



3.7. Certain Infectious and Parasitic Diseases (I):

It is the second leading cause group of disease accounting for 11.45 per cent of total medically certified deaths, which constitute 11.55 per cent of male and 11.29 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-8** and is depicted in **Chart-7**.

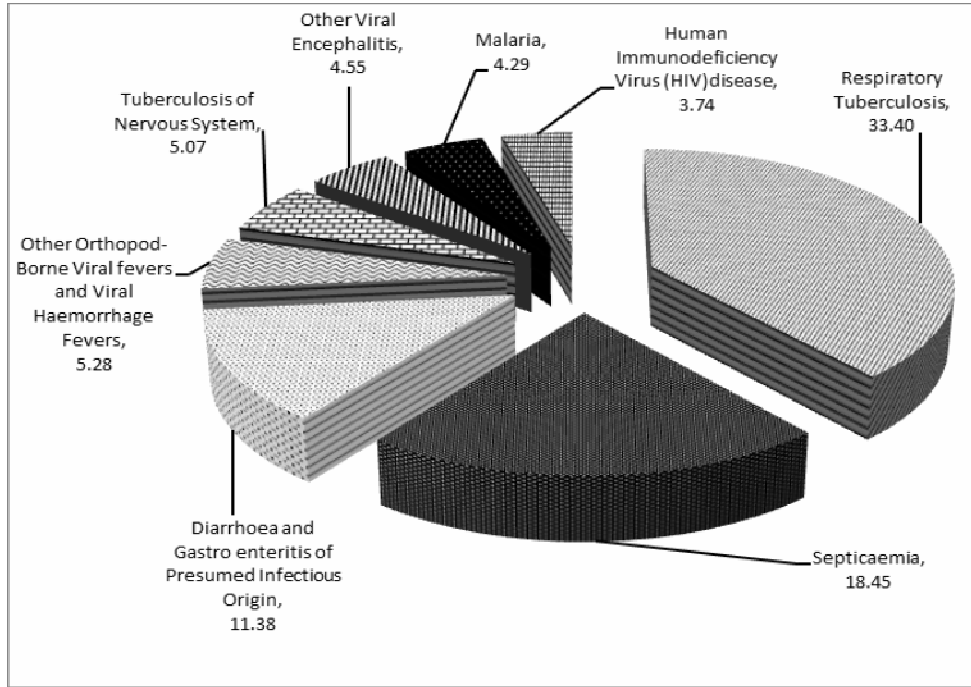
Statement – 8

Distribution of Major Causes of Deaths among Certain Infectious and Parasitic Diseases under MCCD – 2010

Sl. No	Age Group	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Respiratory Tuberculosis	3437	38.72	1205	23.98	4642	33.40	3.83
2	Septicaemia	1447	16.30	1118	22.25	2565	18.45	2.11
3	Diarrhoea and Gastro enteritis of Presumed Infectious Origin	986	11.11	596	11.86	1582	11.38	1.30
4	Other Orthopod-Borne Viral fevers and Viral Haemorrhage Fevers	388	4.37	346	6.89	734	5.28	0.60
5	Tuberculosis of Nervous System	401	4.52	304	6.05	705	5.07	0.58
6	Other Viral Encephalitis	357	4.02	275	5.47	632	4.55	0.52
7	Malaria	354	3.99	243	4.84	597	4.29	0.49
8	Human Immunodeficiency Virus (HIV)disease	327	3.68	193	3.84	520	3.74	0.43
	Others	1179	13.28	744	14.81	1923	13.83	1.58
	Total medically Certified Deaths due to Infectious and parasitic Disease	8876	100.00	5024	100.00	13900	100.00	11.45
	Deaths due to Infectious and parasitic Diseases as percentage to total Medically Certified Deaths		11.55		11.29		11.45	

Chart – 7

**PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS
DUE TO CERTAIN INFECTIOUS & PARASITIC DISEASES – 2010**



3.7.1 Among the *Certain Infectious and Parasitic Diseases*, ‘*Respiratory Tuberculosis*’ is the highest reported medically certified cause of mortality, constituting around 33.40 per cent followed by ‘*Septicemia*’ (18.45 per cent). Under this group, percentage of Respiratory tuberculosis deaths in females is 23.98 per cent as against 38.72 per cent of males out of their respective totals. The share of ‘*Diarrhoea & Gastroenteritis of presumed Infectious Origin*’, ‘*Other Arthropad Borne Fevers and Viral Haemarrhagic fevers*’, ‘*Tuberculosis of Nervous System*’, ‘*Other Viral Encephalitis*’, ‘*Malaria*’ and ‘*HIV diseases*’ in the total deaths under this group are 10.30, 5.28, 5.07, 4.55, 4.29 and 3.74 per cent respectively.

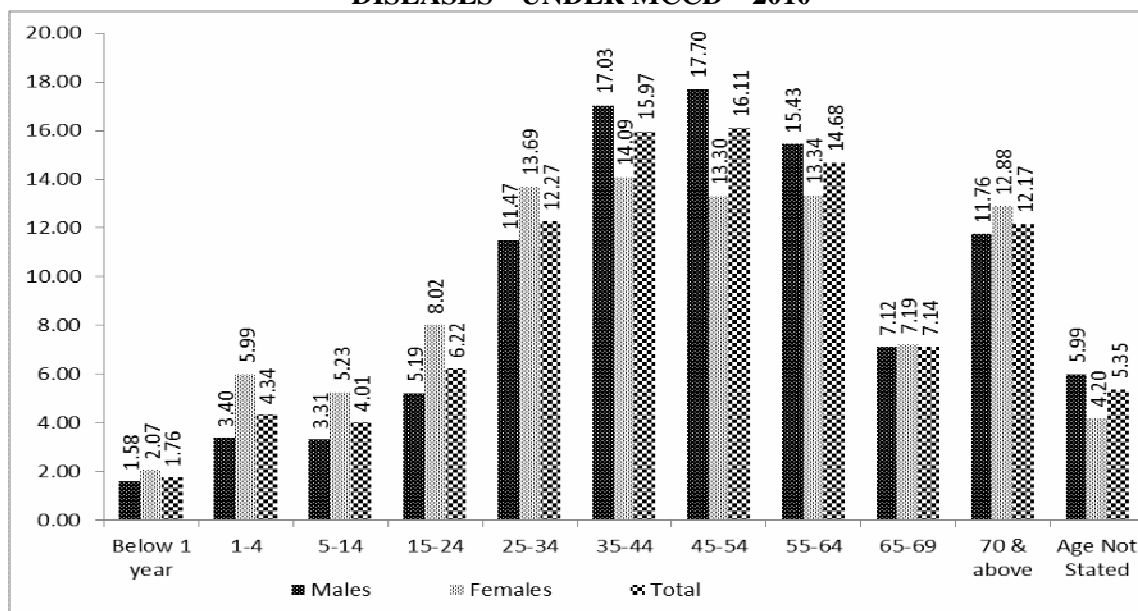
3.7.2 The age distribution of medically certified deaths due to ‘*Certain Infectious and Parasitic Diseases*’ has been given in below **Statement-9** and is presented in **Chart-8**.

Statement -9
Age Distribution of Deaths Due to Certain Infectious and Parasitic Diseases Under MCCD-2010

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	140	1.58	104	2.07	244	1.76
2	1-4	302	3.40	301	5.99	603	4.34
3	5-14	294	3.31	263	5.23	557	4.01
4	15-24	461	5.19	403	8.02	864	6.22
5	25-34	1018	11.47	688	13.69	1706	12.27
6	35-44	1512	17.03	708	14.09	2220	15.97
7	45-54	1571	17.70	668	13.30	2239	16.11
8	55-64	1370	15.43	670	13.34	2040	14.68
9	65-69	632	7.12	361	7.19	993	7.14
10	70 & above	1044	11.76	647	12.88	1691	12.17
11	Age Not Stated	532	5.99	211	4.20	743	5.35
	Total	8876	100.00	5024	100.00	13900	100.00

Chart – 8

AGE DISRIBUTION OF DEATHS DUE TO “CERTAIN INFECTIOUS & PARASITIC DISEASES” UNDER MCCD – 2010



As shown in the **Statement-9**, the highest incidence of deaths (16.11 per cent) is reported for the age group 45-54 years, closely followed by age groups 35-44 years (15.97 per cent) and 55-64 years (14.68 per cent). The age-group 25-64 years has contributed to around 59.03 per cent of total deaths under the cause **group ‘Certain Infectious an Parasitic Diseases’**

3.8 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 8.90 per cent of the total medically certified deaths. This has contributed to 8.85 per cent of male and 9.00 per cent of female medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-10** and is portrayed in the **Chart-9**.

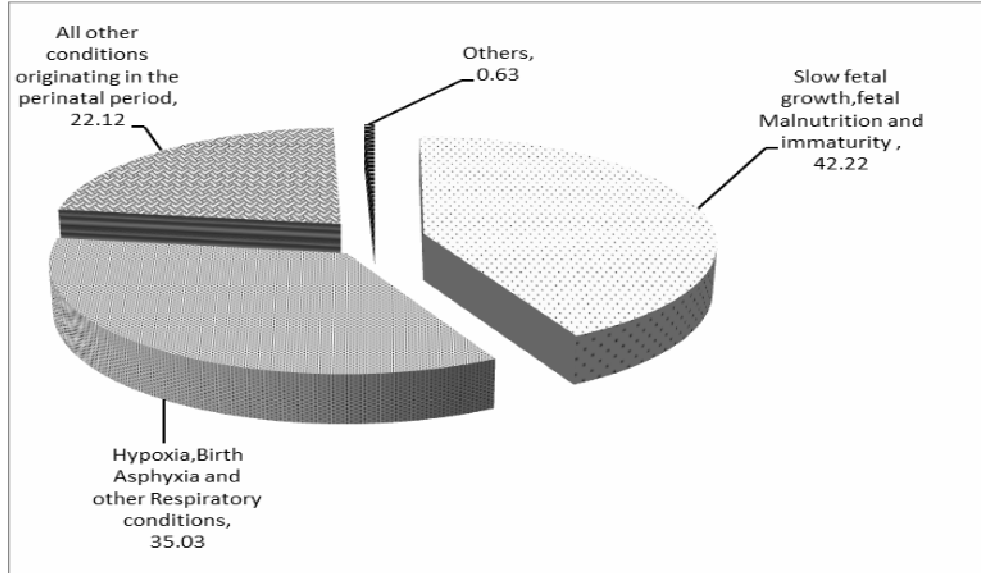
Statement – 10

Distribution of Major Causes of Deaths Due to Certain Conditions Originating in the Perinatal Period under MCCD – 2010

Sl. No	Age Group	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Slow fetal growth,fetal Malnutrition and immaturity	2850	41.92	1711	42.73	4561	42.22	3.76
2	Hypoxia,Birth Asphyxia and other Respiratory conditions	2421	35.61	1363	34.04	3784	35.03	3.12
3	All other conditions originating in the perinatal period	1477	21.73	912	22.78	2389	22.12	1.97
4	Others	50	0.74	18	0.45	68	0.63	0.63
	Total medically Certified Deaths due to Certain Conditions Originating in Perinatal Period	6798	100.00	4004	100.00	10802	100.00	8.90
	Deaths due to Certain Conditions Originating in the perinatal period as percentage to total Medically Certified Deaths		8.85		9.00		8.90	

Chart – 9

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN CONDITIONS ORIGINATING IN PERINATAL PERIOD – 2010



3.9 Injury Poisoning and Certain other Consequences of External Causes (XIX):

It is the fourth leading cause group responsible for 8.66 per cent of total medically certified deaths. This has caused 8.49 per cent of male and 8.94 per cent of female deaths. Under this cause group *‘Poisonings by drugs and biological substances and toxic effects of substances chiefly non-medicinal as to source’* alone have contributed to 36.43 per cent of the total deaths, this is followed by *‘Other Injuries of specified and unspecified and multiple body regions’* with 2255 male and 527 female deaths (26.49 per cent) and *‘Burns and Corrosions’* (23.85 per cent). Death due to Burns and corrosions among females is 47.99 per cent as compared to 9.12 per cent among males, under this major group. The distribution of chief constituents of the major cause group is given in the **Statement-11** and is depicted in **Chart-10**.

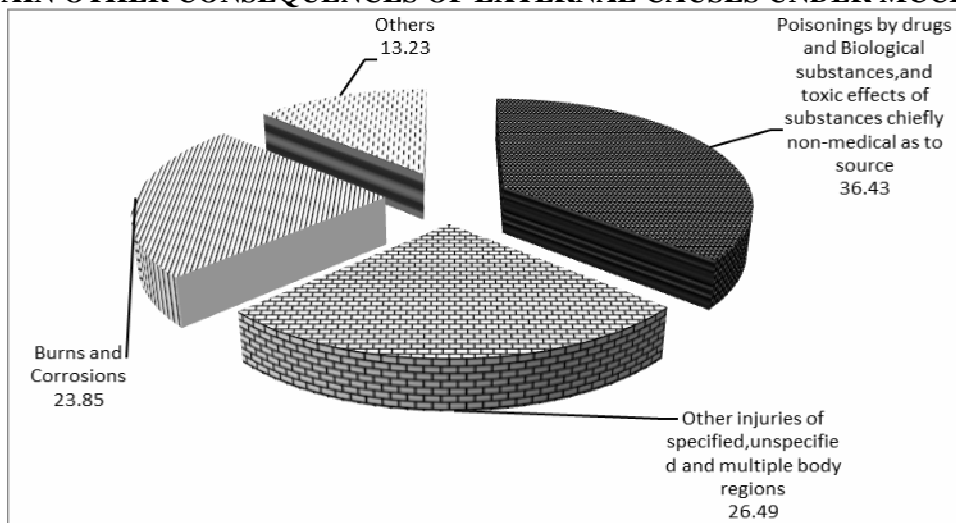
Statement - 11

Distribution of Deaths due to Injury, Poisoning and Certain Other Consequences of External Causes under MCCD – 2010

Sl. No	Age Group	Male		Female		Total		% to total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medical as to source	2606	39.95	1220	30.65	3826	36.43	3.15
2	Other injuries of specified, unspecified and multiple body regions	2255	34.57	527	13.24	2782	26.49	2.29
3	Burns and Corrosions	595	9.12	1910	47.99	2505	23.85	2.06
4	Others	1067	16.36	323	8.12	1390	13.23	1.15
	Total medically Certified Deaths due to Diseases of Injury, Poisoning and Certain other consequences of External causes	6523	100.00	3980	100.00	10503	100.00	8.66
	Deaths due to Injury, Poisoning and Certain other consequences of External causes as percentage to total medically certified deaths.		8.49		8.94		8.66	

Chart - 10

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD - 2010

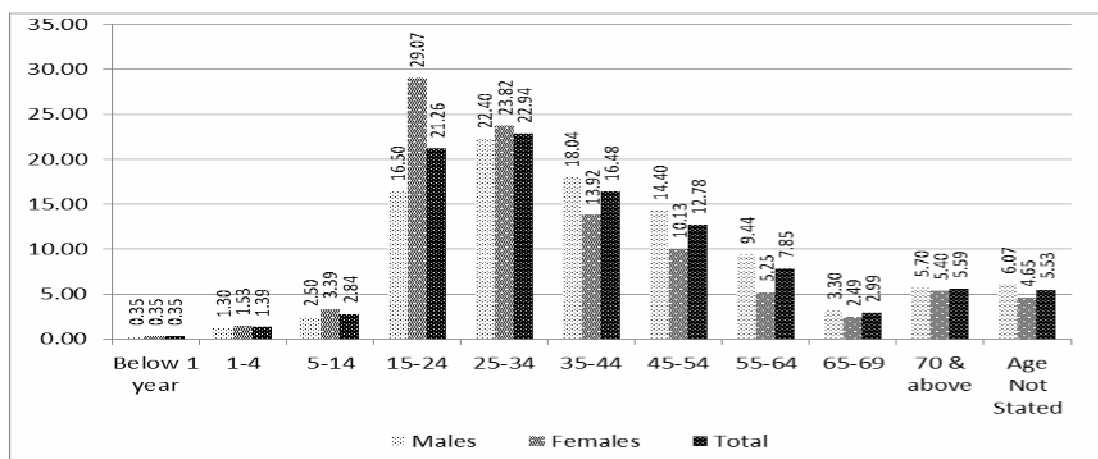


3.9.1 As revealed from the **Statement-12**, the highest share of deaths (22.94 per cent) is reported for the age group 25-34 years. This is closely followed by age groups 15-24 years (21.26 per cent) and 35-44 years (16.48 per cent). These three age-groups together accounts for about 61 per cent of 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-11**

Statement – 12
Age Distribution of Deaths Due to Injury, Poisoning and Certain Other Consequences of External Causes under MCCD-2010

Sl.No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	23	0.35	14	0.35	37	0.35
2	1-4	85	1.30	61	1.53	146	1.39
3	5-14	163	2.50	135	3.39	298	2.84
4	15-24	1076	16.50	1157	29.07	2233	21.26
5	25-34	1461	22.40	948	23.82	2409	22.94
6	35-44	1177	18.04	554	13.92	1731	16.48
7	45-54	939	14.40	403	10.13	1342	12.78
8	55-64	616	9.44	209	5.25	825	7.85
9	65-69	215	3.30	99	2.49	314	2.99
10	70 & above	372	5.70	215	5.40	587	5.59
11	Age Not Stated	396	6.07	185	4.65	581	5.53
	Total	6523	100.00	3980	100.00	10503	100.00

Chart – 11
AGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD-2010



3.9.2 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 three times to that of males. As detailed in the **Statement-13**, the highest number of deaths due to *‘Burns and Corrosion’* is concentrated in the age group 15-44 years, constituting around 74.47 per cent of deaths under this sub-group. The shares of this age group in the deaths due to *‘Poisonings by drugs & biological substances and Toxic effects of substances chiefly non-medicinal as to source’* and *‘Other Injuries of specified, unspecified and multiple Body Regions’* are around 66 per cent and 48 per cent respectively.

Statement – 13

Age Distribution of Deaths due to Injury, Poisoning and Certain Other Consequences of External Causes under MCCD – 2010

Sl. No	Age Group (In Years)	Age Distribution of Deaths Due to		
		Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medical as to source	Burns and Corrosions	Other injuries of specified, unspecified and multiple body regions
1	Below 1 year	0.31	0.40	0.47
2	1-4	0.81	1.80	1.87
3	5-14	2.54	1.76	3.81
4	15-24	24.36	28.06	13.30
5	25-34	25.09	29.82	17.22
6	35-44	16.10	16.59	17.47
7	45-54	12.15	9.94	15.92
8	55-64	6.77	2.24	12.69
9	65-69	3.16	1.24	3.95
10	70 & above	2.77	3.11	8.12
11	Age Not Stated	5.93	5.07	5.18
	Total	100.00	100.00	100.00

3.10 Diseases of the Respiratory System (X):

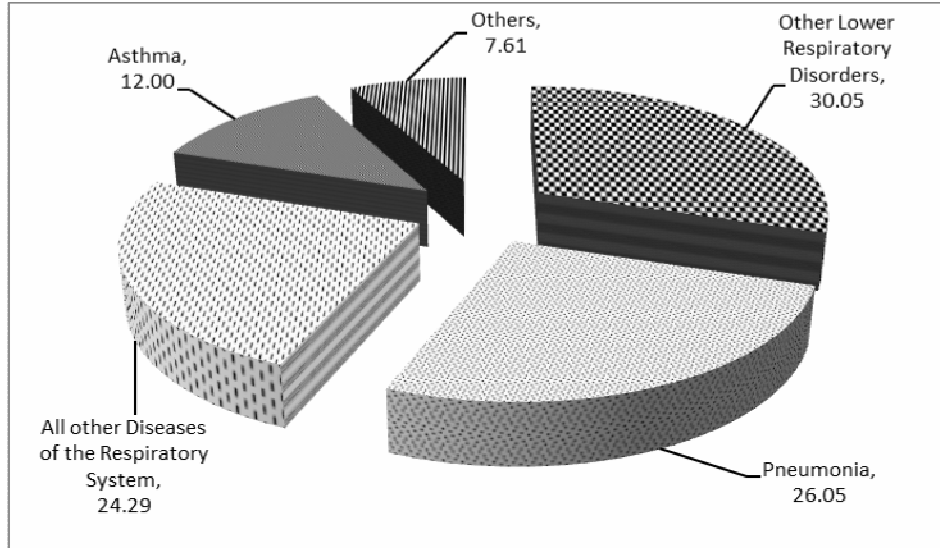
The major group of diseases of respiratory system is the fifth leading cause, responsible for 8.58 per cent of the total medically certified deaths. This has contributed to 8.77 per cent of male and 8.25 per cent of female deaths. The distribution of chief constituents of the major cause group is given **Statement-14** and is presented in **Chart-12**.

Statement - 14
Distribution of Deaths due to Diseases of Respiratory System under
MCCD-2010

Sl. No	Age Group	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Lower Respiratory Disorders	2400	35.61	728	19.84	3128	30.05	2.58
2	Pneumonia	1600	23.74	1112	30.30	2712	26.05	2.23
3	All other Diseases of the Respiratory System	1489	22.09	1040	28.34	2529	24.29	2.08
4	Asthma	783	11.62	466	12.70	1249	12.00	1.03
5	Others	468	6.94	324	8.83	792	7.61	0.65
	Total medically Certified Deaths due to Diseases of Respiratory System	6740	100.00	3670	100.00	10410	100.00	8.58
	Deaths due to Diseases of Respiratory system as percentage to total medically certified deaths		8.77		8.25		8.58	

Chart – 12

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD-2010



3.10.1 *‘Other lower Respiratory disorders’*, is the leading cause of death, has caused 30 out of every hundred reported deaths under the major cause group. 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 26.05 per cent of the deaths. *‘All other Diseases of the Respiratory System’* has caused 24 out of every hundred reported deaths. The percentage share of Pneumonia to the total medically certified deaths is 2.23 percent with the corresponding share of Asthma being 1.03 per cent. The age composition of deaths due to ‘Diseases of Respiratory System’ is presented in **Statement-15** and is highlighted in **Chart-13**.

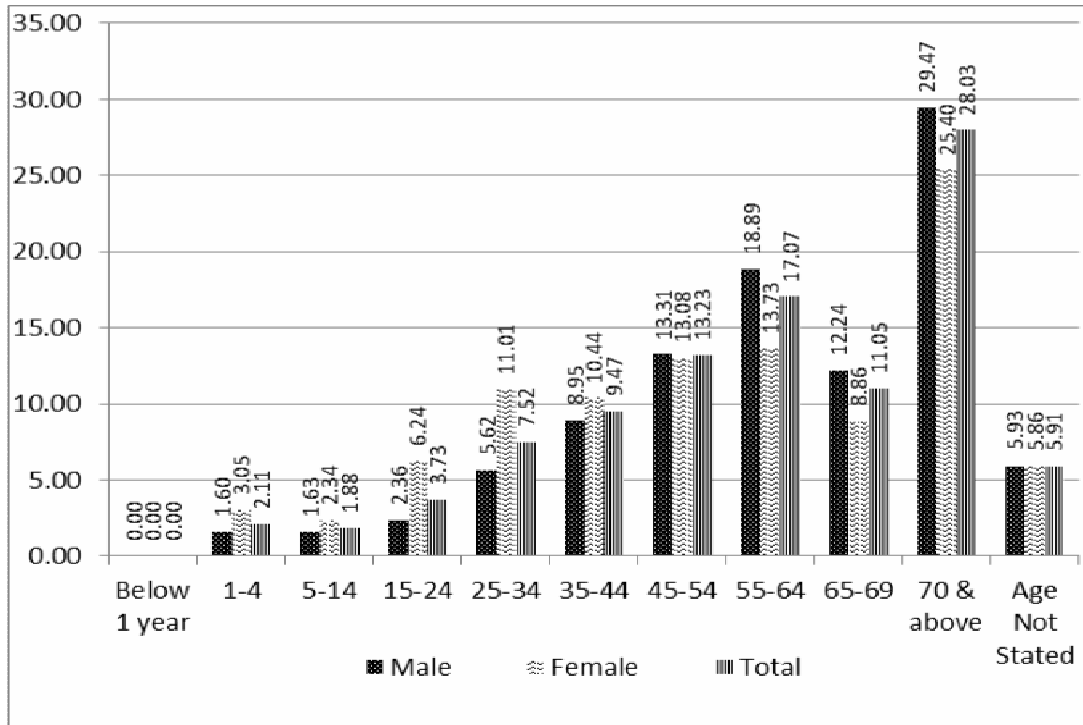
Statement - 15

Age Distribution of Deaths Due to Diseases of Respiratory System Under MCCD-2010

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0.00	0	0.00	0	0.00
2	1-4	108	1.60	112	3.05	220	2.11
3	5-14	110	1.63	86	2.34	196	1.88
4	15-24	159	2.36	229	6.24	388	3.73
5	25-34	379	5.62	404	11.01	783	7.52
6	35-44	603	8.95	383	10.44	986	9.47
7	45-54	897	13.31	480	13.08	1377	13.23
8	55-64	1273	18.89	504	13.73	1777	17.07
9	65-69	825	12.24	325	8.86	1150	11.05
10	70 & above	1986	29.47	932	25.40	2918	28.03
11	Age Not Stated	400	5.93	215	5.86	615	5.91
	Total	6740	100.0	3670	100.00	10410	100.00

Chart – 13

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD-2010



3.10.2 The age group '70 and above years' has reported maximum incidence of deaths (28.03 per cent) under the major cause group followed by the age group '55-64 years' with 17.07 per cent of deaths due to diseases of Respiratory system. The children of age group 0-4 have contributed to only 2.11 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 69 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. 22.64 per cent for females compared to 11.21 per cent of males).

3.11 Diseases of the Digestive System (XI): The major group comprising '*Diseases of Digestive system*' is the sixth leading cause group, responsible for 6.48 per cent of the total medically certified deaths with 8.10 per cent of male and 3.67 per cent of female deaths. The percentage of male digestive disorder deaths to total medically certified is just double to that of corresponding female figures. The distribution of major causes of deaths under this group is given in the **Statement-16** and is highlighted in **Chart-14**.

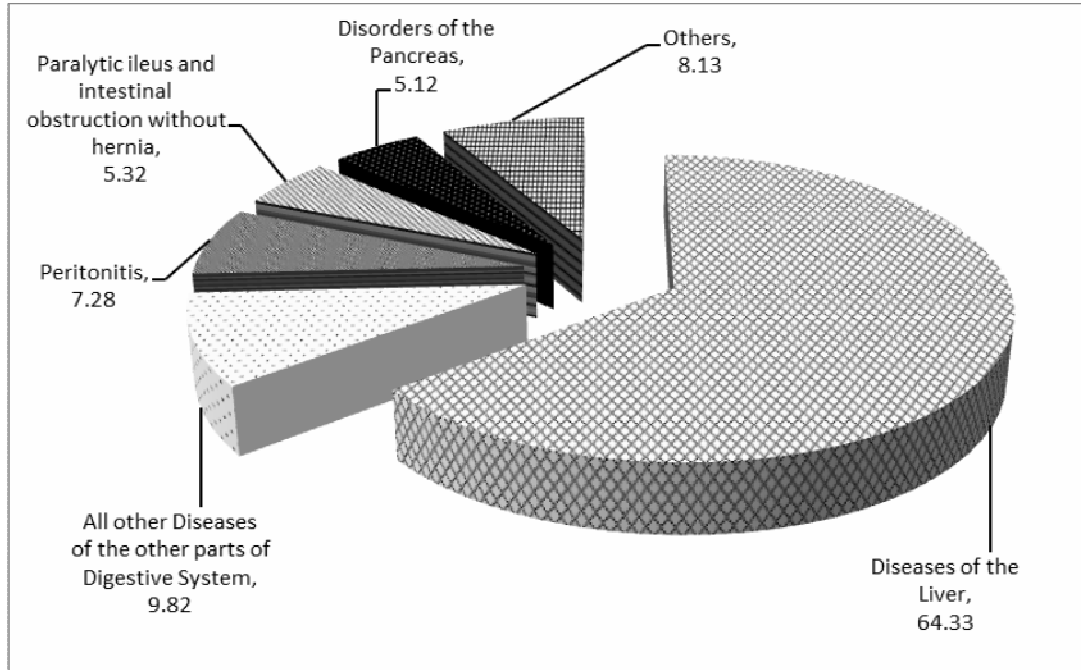
Statement – 16

Distribution of Major Causes of Deaths Due to Digestive System under MCCD – 2010

Sl. No	Age Group	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diseases of the Liver	4228	67.92	828	50.67	5056	64.33	4.17
2	All other Diseases of the other parts of Digestive System	550	8.84	222	13.59	772	9.82	0.64
3	Peritonitis	382	6.14	190	11.63	572	7.28	0.47
4	Paralytic ileus and intestinal obstruction without hernia	302	4.85	116	7.10	418	5.32	0.34
5	Disorders of the Pancreas	317	5.09	85	5.20	402	5.12	0.33
6	Others	446	7.16	193	11.81	639	8.13	0.53
	Total medically Certified Deaths due to Digestive System	6225	100.00	1634	100.00	7859	100.00	6.48
	Deaths due to Diseases of Digestive System as percentage to total medically certified deaths		8.10		3.67		6.48	

CHART – 14

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DIGESTIVE SYSTEM UNDER MCCD – 2010



3.11.1 Among the deaths due to disorders of digestive system, '*Diseases of the Liver*' account for 64.33 per cent of the total medically certified deaths in this group. The share of liver diseases is about 4 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 9.82 per cent and 7.28 per cent of total deaths under this major cause group.

3.11.2 The **Statement-17** reveals that the age group '45-54 years' have reported the maximum deaths (21.87 per cent) under the major group '*Diseases of Digestive System*'. As high as 89.42 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-15**.

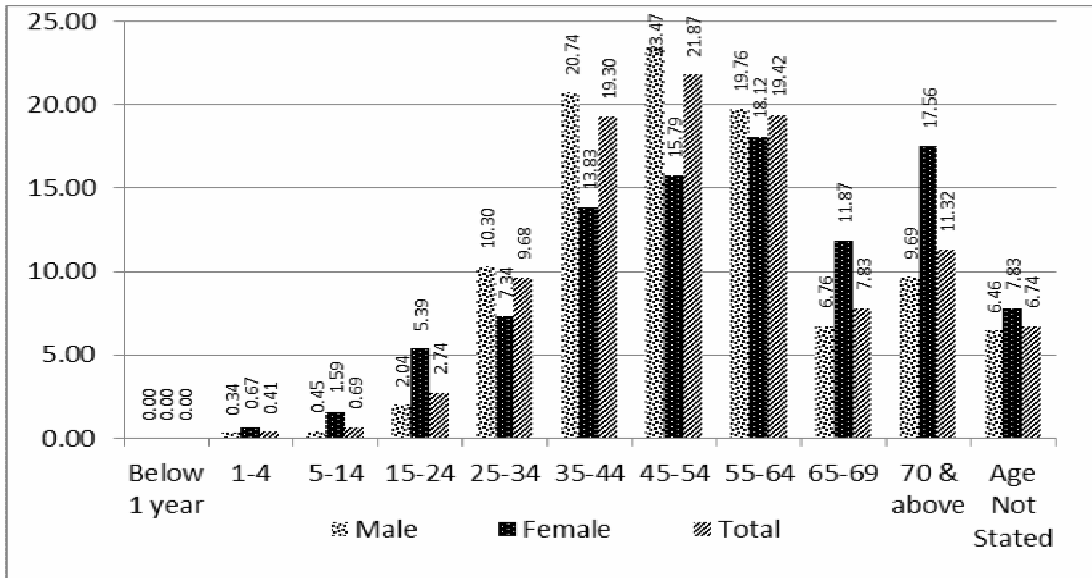
Statement – 17

**Age Distribution of Deaths Due to Diseases of Digestive System Under
MCCD-2010**

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0.00	0	0.00	0	0.00
2	1-4	21	0.34	11	0.67	32	0.41
3	5-14	28	0.45	26	1.59	54	0.69
4	15-24	127	2.04	88	5.39	215	2.74
5	25-34	641	10.30	120	7.34	761	9.68
6	35-44	1291	20.74	226	13.83	1517	19.30
7	45-54	1461	23.47	258	15.79	1719	21.87
8	55-64	1230	19.76	296	18.12	1526	19.42
9	65-69	421	6.76	194	11.87	615	7.83
10	70 & above	603	9.69	287	17.56	890	11.32
11	Age Not Stated	402	6.46	128	7.83	530	6.74
	Total	6225	100.00	1634	100.00	7859	100.00

CHART - 15

**AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF DIGESTIVE
SYSTEM UNDER MCCD-2010**



3.12 Endocrine, Nutritional and Metabolic Diseases (IV) : This is the seventh leading cause group has contributed to 6.42 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 87.09 per cent of total deaths reported under the cause group. The share of diabetes mellitus in total medically certified deaths is 5.59 percent. The distribution of major causes of deaths under this group is given in **Statement-18** and is depicted in the **Chart-16**.

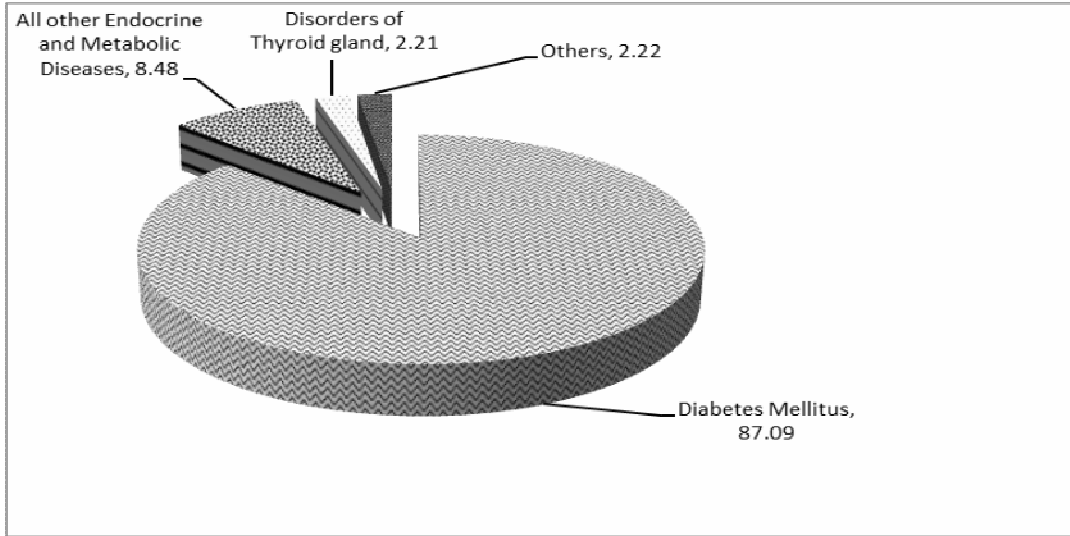
Statement – 18

Distribution of Deaths due to Endocrine, Nutritional and Metabolic Diseases under MCCD – 2010

Sl. No	Age Group	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diabetes Mellitus	4064	87.78	2717	86.09	6781	87.09	5.59
2	All other Endocrine and Metabolic Diseases	428	9.24	232	7.35	660	8.48	0.54
3	Disorders of Thyroid gland	39	0.84	133	4.21	172	2.21	0.14
4	Others	99	2.14	74	2.34	173	2.22	0.14
	Total medically Certified Deaths due to Endocrine, Nutrition and Matabolic Diseases	4630	100.00	3156	100.00	7786	100.00	6.42

Chart – 16

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES UNDER MCCD – 2010



3.12.1 The incidence of '*Diabetes Mellitus*' death is reported to be the highest for the age group 70 and above (28.67 per cent). The **Statement-19** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 88 per cent of the total Diabetes Mellitus deaths under MCCD.

Statement – 19

Age Distribution of Deaths Due to Diabetes Mellitus Under MCCD – 2010

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	4	0.10	11	0.40	15	0.22
4	15-24	18	0.44	39	1.44	57	0.84
5	25-34	89	2.19	39	1.44	128	1.89
6	35-44	197	4.85	136	5.01	333	4.91
7	45-54	633	15.58	368	13.54	1001	14.76
8	55-64	1117	27.49	667	24.55	1784	26.31
9	65-69	750	18.45	490	18.03	1240	18.29
10	70 & above	1071	26.35	873	32.13	1944	28.67
11	Age Not Stated	185	4.55	94	3.46	279	4.11
	Total	4064	100.00	2717	100.00	6781	100.00

3.13. Neoplasms (II) : The eighth leading cause, *Neoplasm*, which is commonly known as Cancer, is responsible for 6.24 per cent of the total medically certified deaths. The share of deaths due to *Neoplasms* in total female deaths is 7.19 per cent as compared to the corresponding figure of 5.68 per cent in case of males. Among total female medically certified deaths, it is the sixth leading cause of death. The distribution of major causes of deaths under the group is given in the **Statement-20** and depicted in **Chart-18**.

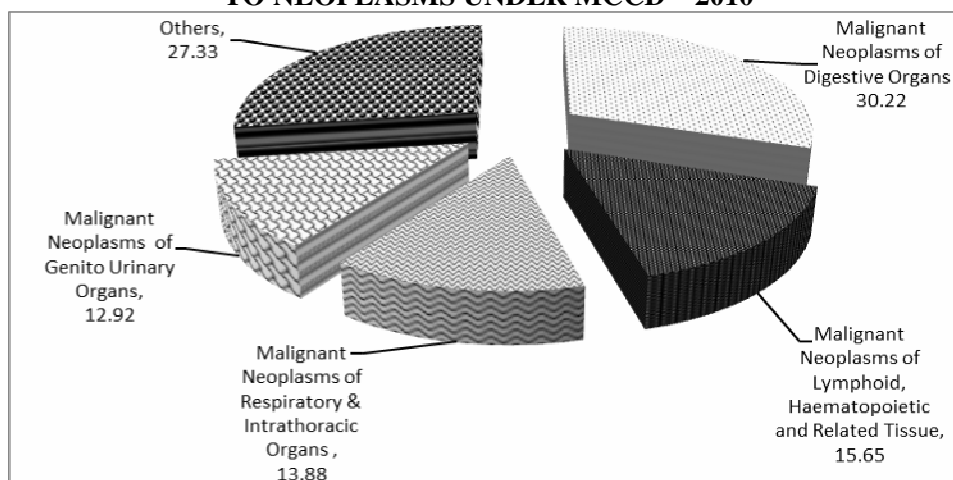
Statement- 20

Distribution of Major Causes of Deaths Due to Neoplasms under MCCD–2010

Sl. No	Age Group	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Malignant Neoplasms of Digestive Organs	1509	34.55	778	24.31	2287	30.22	1.88
2	Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue	759	17.38	425	13.28	1184	15.65	0.98
3	Malignant Neoplasms of Respiratory & Intrathoracic Organs	814	18.64	236	7.38	1050	13.88	0.87
4	Malignant Neoplasms of Genito Urinary Organs	312	7.14	666	20.81	978	12.92	0.81
5	Others	973	22.28	1095	34.22	2068	27.33	1.70
	Total medically Certified Deaths due to Neoplasms	4367	100.00	3200	100.00	7567	100.00	6.24
	Deaths due to Neoplasms as percentage to total Medically Certified Deaths		5.68		7.19		6.24	

CHART – 18

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO NEOPLASMS UNDER MCCD – 2010



3.13.1 Among the neoplasm deaths, '*Malignant Neoplasm of Digestive Organs*' accounts for the highest mortality of 30.22 percent, followed by '*Malignant of Lymphoid, haematopoetic & other related tissue*' (15.65 per cent), '*Malignant Neoplasm of Respiratory Intrathoracic Organs*' (13.88 per cent) and '*Malignant Neoplasms of Genitor-Urinary Organs*' (12.92 per cent). The share of deaths due to Malignant Neoplasms of Digestive Organs in males, to total male Neoplasm deaths is 34.55 per cent as against 24.31 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 20.81 per cent as compared to 7.41 per cent of corresponding male deaths. Among deaths caused by '*Malignant Neoplasm of Respiratory and Intra Thoracic Organs*' about 62 per cent is due to Lung Cancer in male. Lung Cancer alone accounts for around 15 per cent of total male Neoplasm deaths.

3.13.2 The incidence of Neoplasm death is reported to be the highest i.e. 25.20 per cent in the age group 55-64 years (25.83 per cent of males and 24.34 per cent of females) followed by the age group '70 and above years' recording 21.14 per cent of deaths (23.77 per cent of males and 17.56 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-21** and **Chart-19**

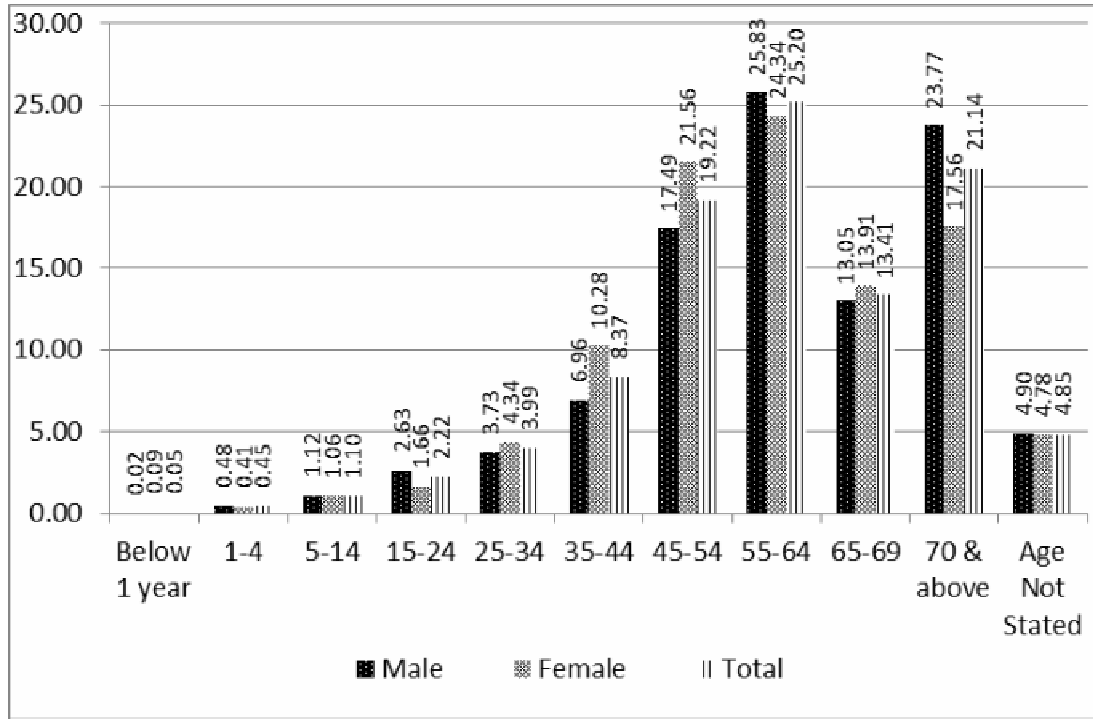
Statement- 21

Age Distribution of Deaths Due to Neoplasm Under MCCD-2010

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	1	0.02	3	0.09	4	0.05
2	1-4	21	0.48	13	0.41	34	0.45
3	5-14	49	1.12	34	1.06	83	1.10
4	15-24	115	2.63	53	1.66	168	2.22
5	25-34	163	3.73	139	4.34	302	3.99
6	35-44	304	6.96	329	10.28	633	8.37
7	45-54	764	17.49	690	21.56	1454	19.22
8	55-64	1128	25.83	779	24.34	1907	25.20
9	65-69	570	13.05	445	13.91	1015	13.41
10	70 & above	1038	23.77	562	17.56	1600	21.14
11	Age Not Stated	214	4.90	153	4.78	367	4.85
	Total	4367	100.00	3200	100.00	7567	100.00

CHART- 19

AGE DISTRIBUTION OF DEATHS DUE TO NEOPLASM UNDER MCCD-2010



Other causes of Death

3.14 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 (81.48 per cent) under the '*Genitourinary System*' disease with the overall share of 2.81 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-20**.

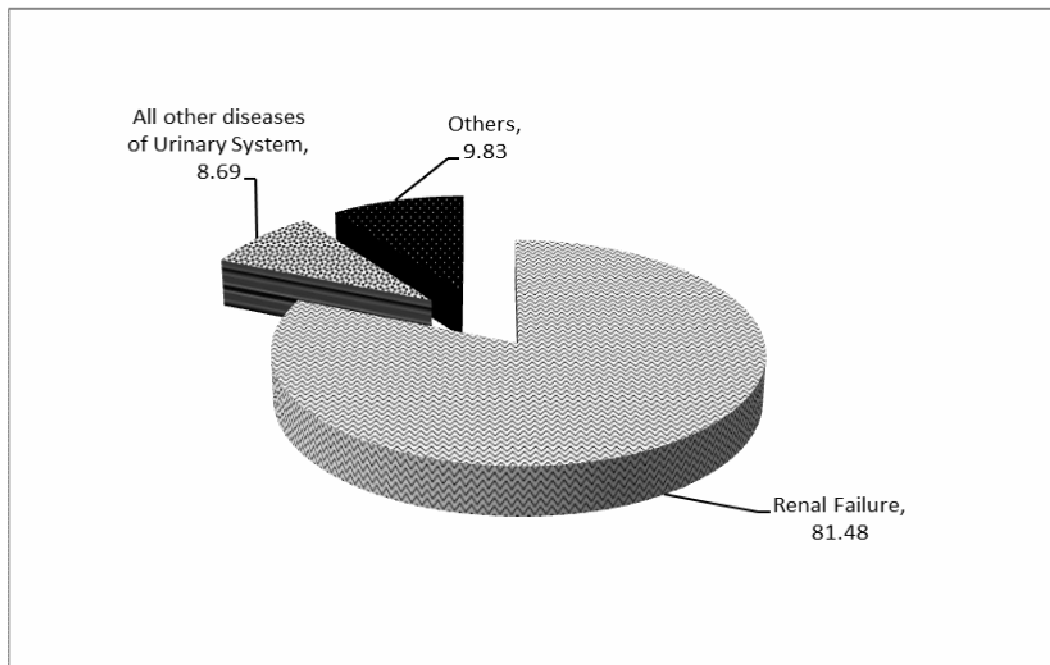
Statement – 22

Distribution of Major Causes of Deaths Due to Diseases of the Genitourinary System Under MCCD – 2010

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Renal Failure	2309	83.48	1096	77.57	3405	81.48	2.81
2	All other diseases of Urinary System	207	7.48	156	11.04	363	8.69	0.30
3	Others	250	9.04	161	11.39	411	9.83	0.34
	Total Medically Certified Deaths due to Genito-urinary System	2766	100.00	1413	100.00	4179	100.00	3.44
	Deaths due to Diseases of Genitourinary System as percentage to total Medically certified Deaths		3.60		3.18		3.44	

CHART – 20

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE GENITOURINARY SYSTEM UNDER MCCD - 2010



3.14.1 The incidence of '*Renal failure*' death is reported to be, the highest for the age '70 and above years' (26.67 per cent). The **Statement-23** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 75 per cent of total deaths reported under MCCD due to renal failure.

Statement – 23

Age Distribution of Deaths Due to Renal Failure Under MCCD-2010

Sl.No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	0	0.00	0	0.00	0	0.00
4	15-24	50	2.17	47	4.29	97	2.85
5	25-34	147	6.37	80	7.30	227	6.67
6	35-44	227	9.83	86	7.85	313	9.19
7	45-54	358	15.50	169	15.42	527	15.48
8	55-64	553	23.95	232	21.17	785	23.05
9	65-69	217	9.40	125	11.41	342	10.04
10	70 & above	615	26.63	293	26.73	908	26.67
11	Age Not Stated	142	6.15	64	5.84	206	6.05
	Total	2309	100.00	1096	100.00	3405	100.00

3.15 Diseases of the Nervous System (VI) :

The cause group of Diseases of Nervous System is responsible for 2.71 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-21**.

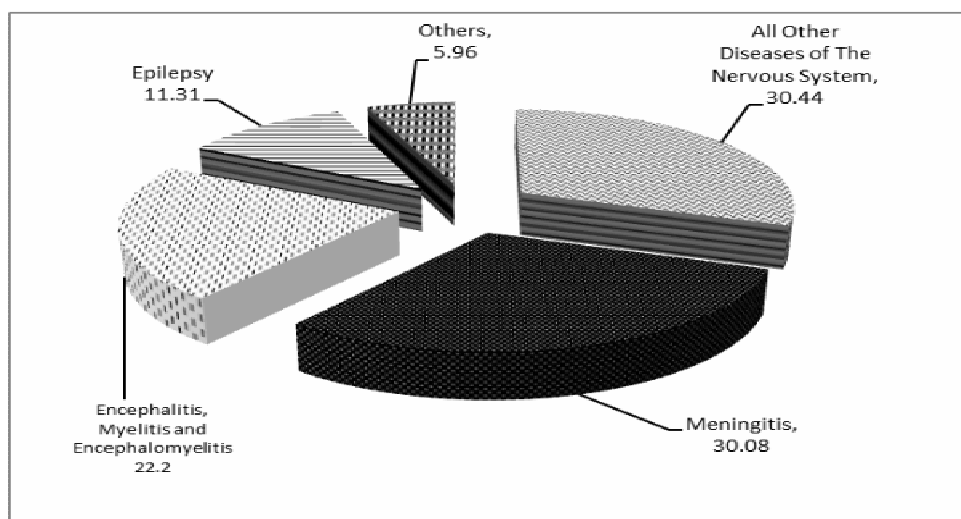
Statement - 24

Distribution of Major Causes of Deaths due to Diseases of the Nervous System under MCCD – 2010

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All Other Diseases of The Nervous System	650	32.35	351	27.44	1001	30.44	0.82
2	Meningitis	625	31.11	364	28.46	989	30.08	0.82
3	Encephalitis, Myelitis and Encephalomyelitis	414	20.61	316	24.71	730	22.20	0.60
4	Epilepsy	227	11.30	145	11.34	372	11.31	0.31
5	Others	93	4.63	103	8.05	196	5.96	0.16
	Total medically Certified Deaths due to Nervous System	2009	100.00	1279	100.00	3288	100.00	2.71
	Deaths due to Diseases of Nervous System as percentage to total Medically Certified Deaths		2.61		2.87		2.71	

Chart – 21

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDER MCCD – 2010



'All other Diseases of the Nervous System' accounts for the maximum (30.44 per cent) deaths reported under this group, followed by *'Meningitis'* (30.08 per cent) and *'Encephalitis Myelitis and Encephalomyelitis'* (22.20 per cent). The share of *'Meningitis'* in the total medically certified deaths is about one per cent.

3.15.1 The age group '70 & above' has reported the maximum deaths (13.53 per cent) under the major group *'Diseases of the Nervous System'*, this is followed by age group 35-44 years (12.53 per cent) and 25-34 years (11.92 per cent). Viewed from the angle of age, it affects worstly the age group below 1 year (7.69 per cent). The distribution of age-wise deaths is depicted in **Statement-25** and **Chart-22**.

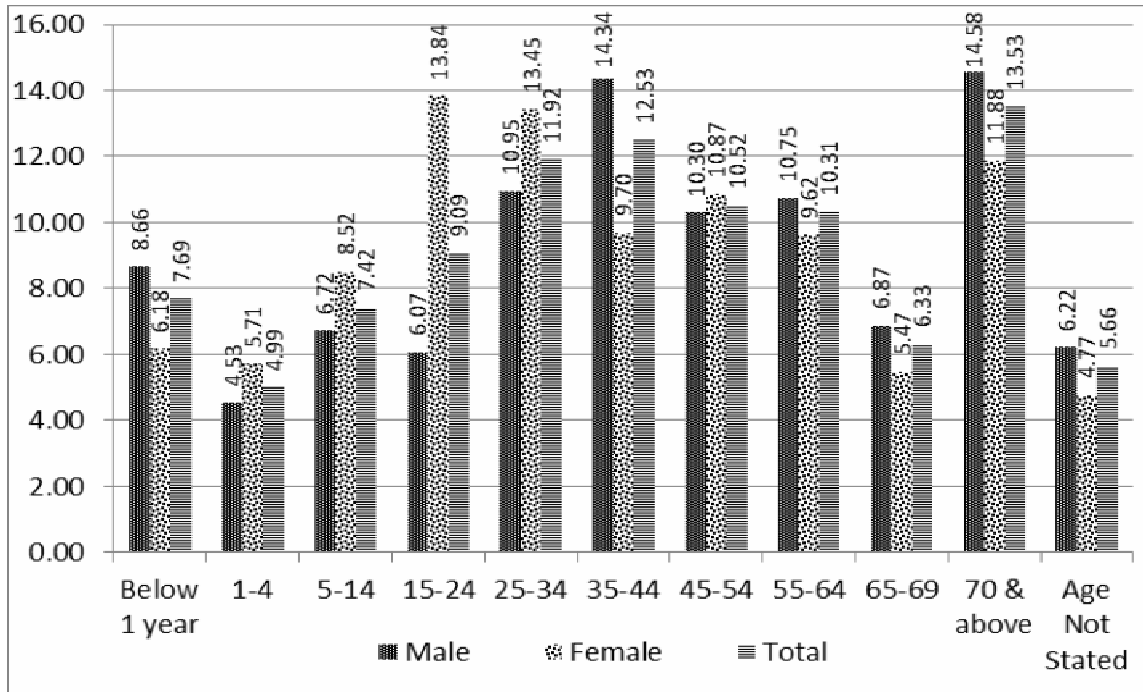
Statement – 25

Age-wise Distribution of Deaths Due to Diseases of the Nervous System Under MCCD-2010

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	174	8.66	79	6.18	253	7.69
2	1-4	91	4.53	73	5.71	164	4.99
3	5-14	135	6.72	109	8.52	244	7.42
4	15-24	122	6.07	177	13.84	299	9.09
5	25-34	220	10.95	172	13.45	392	11.92
6	35-44	288	14.34	124	9.70	412	12.53
7	45-54	207	10.30	139	10.87	346	10.52
8	55-64	216	10.75	123	9.62	339	10.31
9	65-69	138	6.87	70	5.47	208	6.33
10	70 & above	293	14.58	152	11.88	445	13.53
11	Age Not Stated	125	6.22	61	4.77	186	5.66
	Total	2009	100.00	1279	100.00	3288	100.00

Chart- 22

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDER MCCD – 2010



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

This leading major cause group responsible for 1.91 per cent of the total medically certified deaths of which 1.69 per cent of males and 2.29 per cent of female death. Thus around every fourth reported death is having no specific cause. 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 1.31 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 – 2010

Sl. No	Age Group	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All other Symptoms, Signs and Abnormal Clinical & Laboratory findings, not elsewhere classified	895	69.01	693	68.07	1588	68.60	1.31
2	Senility	283	21.82	220	21.61	503	21.73	0.41
3	Others	119	9.18	105	10.31	224	9.68	0.18
	Total medically Certified Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified	1297	100.00	1018	100.00	2315	100.00	1.91
	Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified as percentage total Medically Certified Deaths		1.69		2.29		1.91	

3.16.1 As shown in the **Statement-27**, the highest incidence of deaths (49.20 per cent) is reported for the age group 70 years and above. The age group “45 years and above” contributed nearly 75 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-2010

Sl. No.	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0.00	0	0.00	0	0.00
2	1-4	8	0.62	7	0.69	15	0.65
3	5-14	14	1.08	8	0.79	22	0.95
4	15-24	38	2.93	36	3.54	74	3.20
5	25-34	67	5.17	45	4.42	112	4.84
6	35-44	99	7.63	60	5.89	159	6.87
7	45-54	117	9.02	59	5.80	176	7.60
8	55-64	146	11.26	88	8.64	234	10.11
9	65-69	106	8.17	76	7.47	182	7.86
10	70 & above	576	44.41	563	55.30	1139	49.20
11	Age Not Stated	126	9.71	76	7.47	202	8.73
	Total	1297	100.00	1018	100.00	2315	100.00

3.17 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 1.64 per cent of the total medically certified deaths. This cause group accounts for 1.32 per cent of total male and 2.19 per cent of total female medically certified deaths. “*Other Anaemias*” is the major cause constitute around 84 per cent of total deaths reported in the cause group and 1.38 per cent of the total medically certified deaths. The distribution of major causes of deaths under this group is presented in **Statement-28**.

Statement - 28

Distribution of Major causes of Deaths due to Diseases of the Blood and Blood forming organs and Immunity Disorders under MCCD-2010

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Anaemias	835	82.02	836	85.92	1671	83.93	1.38
2	All Other Diseases Of Blood & Blood Forming Organs	130	12.77	112	11.51	242	12.15	0.20
3	Certain Disorders Involving The Immune Mechanism	42	4.13	18	1.85	60	3.01	0.05
4	Others	11	1.08	7	0.72	18	0.90	0.01
	Total medically Certified Deaths due to Blood and Blood forming organs and Immunity Mechanism	1018	100.00	973	100.00	1991	100.00	1.64
	Deaths due to Diseases of Blood and Blood forming organs and Immunity Mechanism as percentage to total medically certified deaths	-	1.32	-	2.19	-	1.64	-

3.18 Congenital Malformations, Deformations and Chromosomal Abnormalities (XVII)

Merely 1696 deaths are reportedly caused by '*Congenital Malformations, deformations and Chromosomal abnormalities*', constituting about 1.40 per cent of the total medically certified deaths. The majority of these deaths occur for age less than one year (1331 or 78.48 per cent). Under this cause group, about 59.55 per cent deaths are caused by malformation of various Circulatory System.

Statement - 29

Distribution of Deaths due to 'Congenital Malformations, Deformations and Chromosomal Abnormalities' under MCCD – 2010

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	20	0	20	1.18
2	Congenital Malformations of the Circulatory System	821	189	1010	59.55
3	Cleft Lip and Cleft Palate	3	0	3	0.18
4	All other Congenital Malformations, Deformations & Chromosomal Abnormalities	487	176	663	39.09
	Total	1331	365	1696	100.00
	Percentage to Total	78.48	21.52	100.00	

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

The group consisting of '*Complications of Pregnancy, Childbirth and the Puerperium*' has reportedly caused 848 deaths (1.91 per cent of the total female medically certified deaths). As high as 95.64 per cent of deaths under this cause group have been due to obstetric causes like '*Oedema, Proteinuria, Hypertensive Disorders, Complications Pre-dominantly Related to the Puerperium*' and some other related complications. The remaining 4.36 per cent deaths in this cause group are due to abortive outcome of Pregnancy such as Medical and Spontaneous abortions.

Statement - 30

Distribution of Deaths due to "Complication of Pregnancy, Childbirth and the Puerperium "under MCCD – 2010

Sl. No	Cause of Death	No.	%	% to total female Medically Certified Deaths
1	Other Direct Obstetric Deaths	709	83.61	1.59
2	Other Obstetric Conditions,not elsewhere Classified	102	12.03	0.23
3	Pregnancy with Abortive Outcome	37	4.36	0.08
	Total medically Certified Deaths due to Complication of Pregnancy, Childbirth and Puerperium	848	100.00	1.91

3.20 Diseases of the Skin and Subcutaneous Tissue (XII)

These diseases account for 688 medically certified deaths (0.57 per cent of the total medically certified deaths). This cause group accounts for 0.60 per cent of total male and 0.51 per cent of total female medically certified deaths. About 84 per cent of the deaths under the cause group are caused by *'Infections of the Skin and Subcutaneous Tissue'*.

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

This has contributed to only 154 deaths i.e. around 0.13 per cent of total medically certified deaths.

3.22. Mental and Behavioural Disorders (V)

The group relating to Mental and Behavioural disorders accounts for 113 deaths (0.09 per cent of total medically certified deaths). The age group 25-64 years constitutes around 77 per cent of total deaths due to *'Mental and Behavioural Disorders'*. Under this cause group, the deaths due to *"Mental and Behavioural disorders caused by the use of Psychoactive substance"* such as Alcohol, Opioids, Cannabinoids, hypnotics, Cocaine, hallucinogens, tobacco, stimulants, including caffeine etc., constitutes the highest share (57.52 per cent) of total deaths. The use psychoactive substance reportedly accounts for the highest number of deaths (23) in the age group 35-44 years, followed by 10 deaths in the age group 45 -54 years. The ratio of males to females was disproportionate in this group (89 males to 24 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 – 2010

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	6	16	23	10	4	6	65	57.52
2	Schizophrenia, Schizotypal & Delusional Disorders	0	0	3	8	13	9	8	41	36.28
3	All Other Mental Behavioural Disorders	0	1	1	0	0	0	5	7	6.19
	Total	0	7	20	31	23	13	19	113	100.00
	Percentage to total	0	6.19	17.70	27.43	20.35	11.50	16.81	100.00	

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

Specific Cause of Mortality in Different Age Groups:

3.24 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 10.37 per cent and 10.60 per cent respectively. The maximum incidence of death under this age group (85.13 per cent) has been reported to be caused by *‘Certain conditions originating in the perinatal period’*, which includes diseases **Slow fetal growth, fetal malnutrition and immaturity, Hypoxia, birth asphyxia and other respiratory conditions** (77.25 per cent). This is followed by *‘Congenital Malformations, Deformations & Chromosomal Abnormalities’* (10.49 per cent) of which *Congenital Malformations of the Circulatory System* (61.68 per cent) in the major constituent. *‘Diseases of the Nervous System’* which contribute to about 1.99 per cent of the total infant deaths, assume third rank, having *Meningitis and Encephalitis, Myelitis and Encephalomyelitis* (85.77 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 -23**.

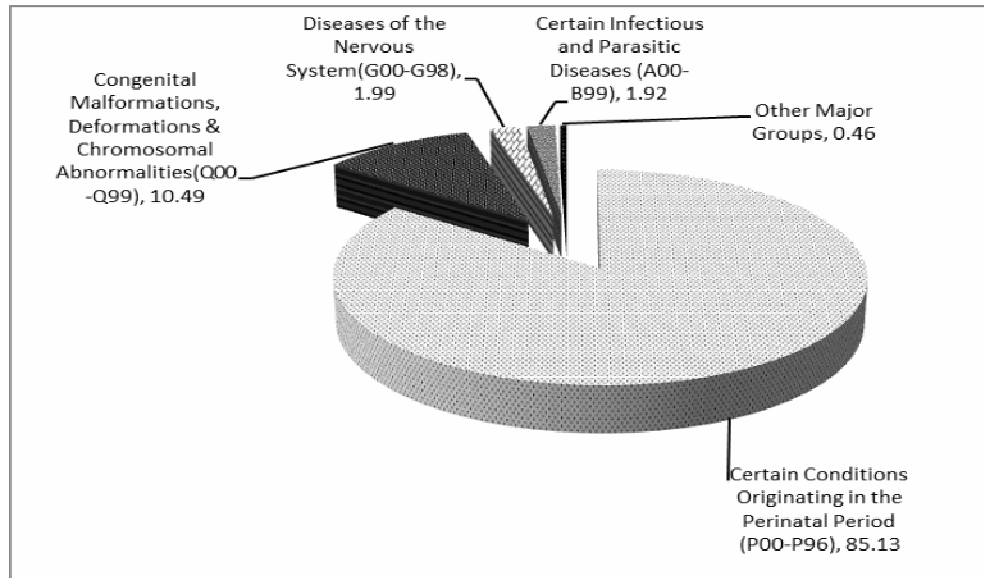
Statement – 32

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)	6798	85.28	4004	84.87	10802	85.13
2	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	823	10.32	508	10.77	1331	10.49
3	Diseases of the Nervous System(G00-G98)	174	2.18	79	1.67	253	1.99
4	Certain Infectious and Parasitic Diseases (A00-B99)	140	1.76	104	2.2	244	1.92
5	Other Major Groups	36	0.45	23	0.49	59	0.46
	Total medically Certified Deaths in the age group < 1 year	7971	100.00	4718	100.00	12689	100.00
	Deaths in the age group <1 year as percentage to total Medically certified Deaths		10.37		10.6		10.46

Chart – 23

**PERCENTAGE DISTRIBUTION OF MORTALITY AMONG INFANTS
BY MAJOR CAUSE GROUP**



3.25 Children aged 1-4 year: Of the total medically certified deaths, 1.34 per cent has been reported from this age-group, accounting for 1.12 per cent and 1.72 per cent of total male and female medically certified deaths respectively. *‘Certain infectious and Parasitic Diseases’* cause 37.13 per cent of deaths under which *Other Arthropod Borne Viral Fevers and Viral Haemorrhagic fevers* (22.55 per cent), *Other Viral Encephalitis* (18.91 per cent), *Diarrhoea and Gastro enteritis of Presumed Infectious Origin* (15.26 per cent) and *Septicaemia* (9.78 per cent) are the major constituents. *Congenital Malformations, Deformations and Chromosomal Abnormalities* rank second, constituting 14.35 per cent of total medically certified deaths in the age group. *Congenital Malformations of the Circulatory System* is the main cause contribute around 50 per cent of the deaths in Congenital Abnormalities group. The third leading cause group of deaths, *‘Diseases of the Respiratory System’* is responsible for 13.55 per cent of deaths in this age group. *Pneumonia and All other Diseases of the Respiratory System* taken together, causes about 95 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**.

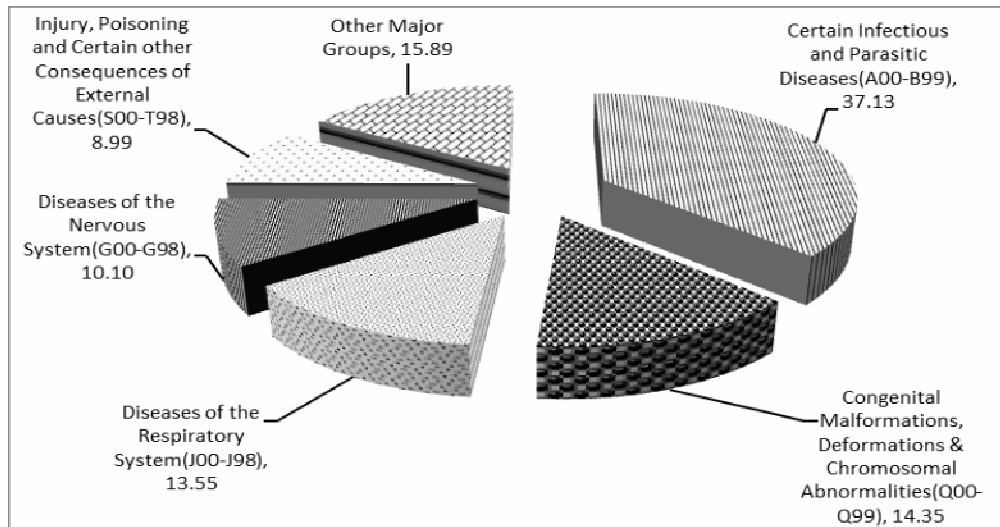
Statement - 33

**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	Certain Infectious and Parasitic Diseases(A00-B99)	302	35.12	301	39.4	603	37.13
2	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	128	14.88	105	13.74	233	14.35
3	Diseases of the Respiratory System(J00-J98)	108	12.56	112	14.66	220	13.55
4	Diseases of the Nervous System(G00-G98)	91	10.58	73	9.55	164	10.10
5	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	85	9.88	61	7.98	146	8.99
6	Other Major Groups	146	16.98	112	14.66	258	15.89
	Total medically Certified Deaths in the age group 1-4 years	860	100.00	764	100.00	1624	100.00
	Deaths in the age group 1-4 years as percentage to total Medically Certified Deaths		1.12		1.72		1.34

CHART -24

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



3.26 Children aged 5-14 years: The share of this age group in the total medically certified deaths is 1.47 per cent, constituting 1.24 per cent and 1.87 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 31.17 per cent followed by *Injury, Poisoning and Certain other Consequences of External Causes* (16.68 per cent), *Diseases of the Nervous System* (13.65 per cent), *Diseases of Respiratory System* (10.97 per cent) and *Congenital Malformation, Deformation & Chromosomal Abnormalities* (7.39 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**.

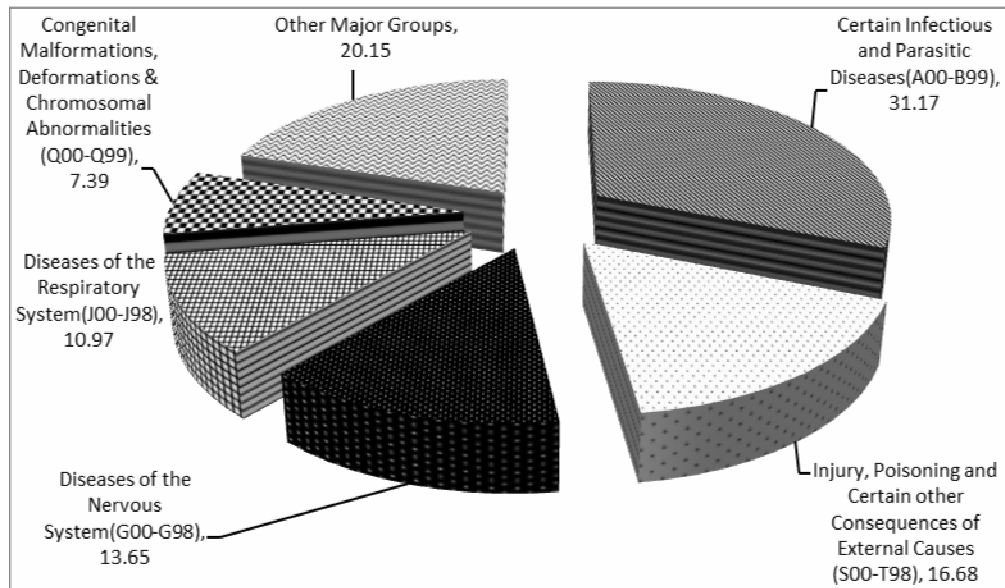
Statement – 34

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

Sl.No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Infectious and Parasitic Diseases(A00-B99)	294	30.85	263	31.53	557	31.17
2	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	163	17.10	135	16.19	298	16.68
3	Diseases of the Nervous System(G00-G98)	135	14.17	109	13.07	244	13.65
4	Diseases of the Respiratory System(J00-J98)	110	11.54	86	10.31	196	10.97
5	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	69	7.24	63	7.55	132	7.39
6	Other Major Groups	182	19.10	178	21.34	360	20.15
	Total medically Certified Deaths in the age group 5-14 years	953	100.00	834	100.00	1787	100.00
	Deaths in the age group 5-14 years as percentage to total Medically Certified Deaths		1.24		1.87		1.47

CHART – 25

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



3.27 Persons aged 15-24 years: This age-group has contributed to 4.39 per cent of the total medically certified deaths and the share of male and female deaths to the corresponding total being 3.14 per cent and 6.54 per cent respectively. The category consisting of “*Injury, Poisoning & certain other consequences of External causes*” has caused the maximum deaths 41.93 per cent of total deaths reported under this age group. “*Certain Infectious and Parasitic Diseases*”, “*Diseases of the Respiratory System*” and “*Diseases of the Nervous System*” are other leading causes of deaths, accounting for 16.23 per cent, 7.29 per cent and 5.62 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**.

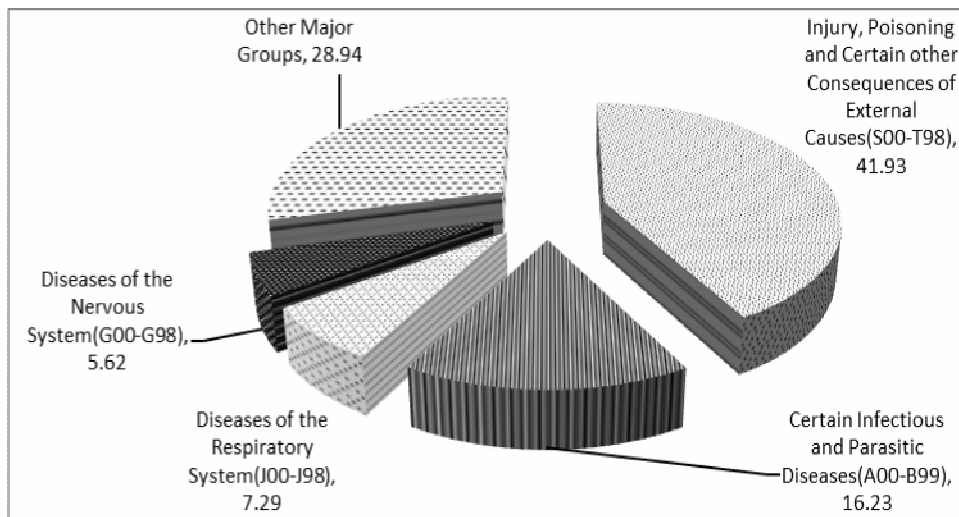
Statement – 35

**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)	1076	44.57	1157	39.75	2233	41.93
2	Certain Infectious and Parasitic Diseases(A00-B99)	461	19.10	403	13.84	864	16.23
3	Diseases of the Respiratory System(J00-J98)	159	6.59	229	7.87	388	7.29
4	Diseases of the Nervous System(G00-G98)	122	5.05	177	6.08	299	5.62
5	Other Major Groups	596	24.69	945	32.46	1541	28.94
	Total medically Certified Deaths in the age group 15-24 years	2414	100.00	2911	100.00	5325	100.00
	Deaths in the age group 15-24 years as percentage to total Medically Certified Deaths		3.14		6.54		4.39

Chart – 26

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



3.28 Persons aged 25-34 years: This age group has constituted around 7 per cent of total medically certified deaths. Around every fourteenth medically certified death belongs to this age-group, with 6.78 per cent and 8.19 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'* (27.20 per cent). The two other major determinants of deaths are *'Certain Infectious and Parasitic Diseases'* (19.26) and *'Diseases of the Circulatory System'* (13.80 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** .

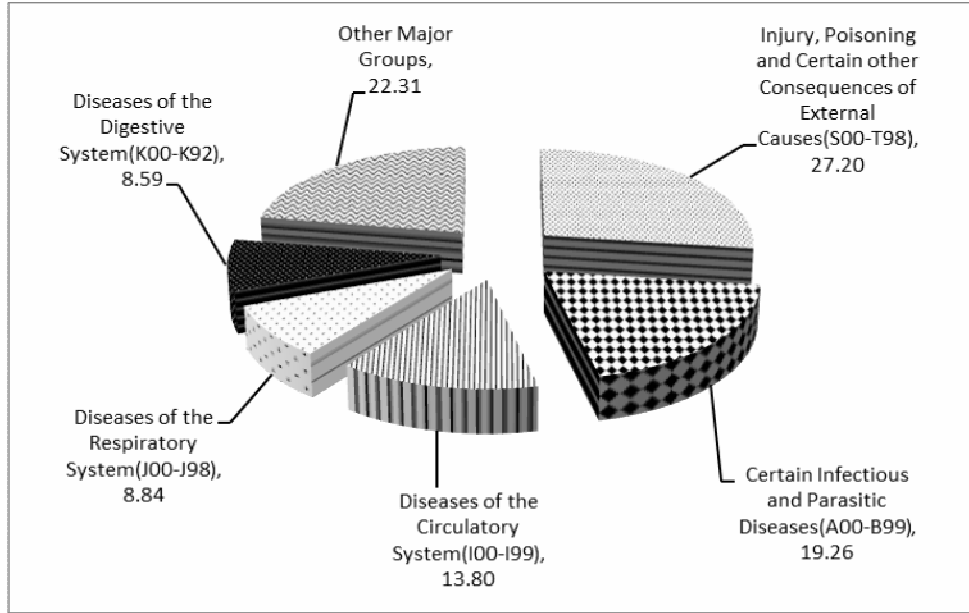
Statement – 36

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

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	1461	28.03	948	26.02	2409	27.20
2	Certain Infectious and Parasitic Diseases(A00-B99)	1018	19.53	688	18.88	1706	19.26
3	Diseases of the Circulatory System(I00-I99)	809	15.52	413	11.33	1222	13.80
4	Diseases of the Respiratory System(J00-J98)	379	7.27	404	11.09	783	8.84
5	Diseases of the Digestive System(K00-K92)	641	12.30	120	3.29	761	8.59
6	Other Major Groups	905	17.36	1071	29.39	1976	22.31
	Total medically Certified Deaths in the age group 25-34 years	5213	100.00	3644	100.00	8857	100.00
	Deaths in the age group 25-34 years as percentage to total Medically Certified Deaths		6.78		8.19		7.30

Chart -27

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



3.29 Persons aged 35-44 years : The overall contribution of this age-group in total medically certified deaths is 9.36 per cent, accounting for 10.11 per cent for male and 8.06 per cent of female deaths. *‘Diseases of the Circulatory System’, ‘Certain Infectious and Parasitic Diseases’, ‘Injury Poisoning and Certain other Consequences of External Causes’, ‘Diseases of Digestive System’, ‘Diseases of Respiratory System’* and *‘Neoplasms’* are leading cause groups of deaths together contributing around 84 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**.

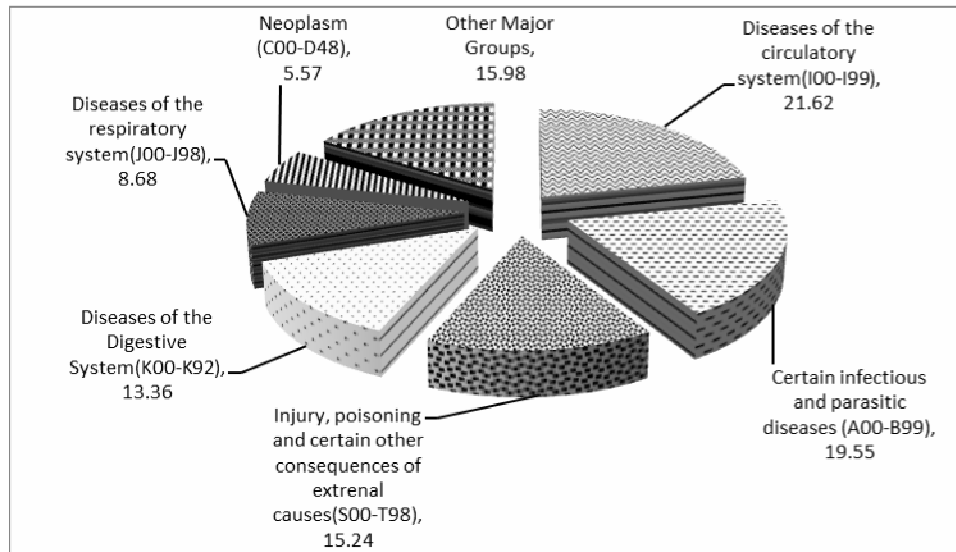
Statement -37

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

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the circulatory system(I00-I99)	1755	22.58	701	19.55	2456	21.62
2	Certain infectious and parasitic diseases (A00-B99)	1512	19.45	708	19.74	2220	19.55
3	Injury, poisoning and certain other consequences of external causes(S00-T98)	1177	15.14	554	15.45	1731	15.24
4	Diseases of the Digestive System(K00-K92)	1291	16.61	226	6.30	1517	13.36
5	Diseases of the respiratory system(J00-J98)	603	7.76	383	10.68	986	8.68
6	Neoplasm(C00-D48)	304	3.91	329	9.17	633	5.57
7	Other Major Groups	1130	14.54	685	19.10	1815	15.98
	Total medically Certified Deaths in the age group 35-44 years	7772	100.00	3586	100.00	11358	100.00
	Deaths in the age group 35-44 years as percentage to total Medically Certified Deaths		10.11		8.06		9.36

Chart – 28

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



3.30 Persons aged 45-54 years: This age group has contributed to 13.13 per cent of the total medically certified deaths, constituting 14.27 per cent and 11.16 per cent of total male and female medically certified deaths respectively. The prominent causes of mortality in this age group are '*Diseases of Circulatory System*' (31.97 per cent), '*Certain, Infectious and Parasitic Diseases*' (14.05 per cent), '*Diseases of the Digestive System*' (10.79 per cent), '*Neoplasms*' (9.12 per cent), '*Diseases of the Respiratory System*' (8.64 per cent) and '*Injury, Poisoning & Certain other consequences of External Causes*' (8.42 per cent) which together contribute around 82.99 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**.

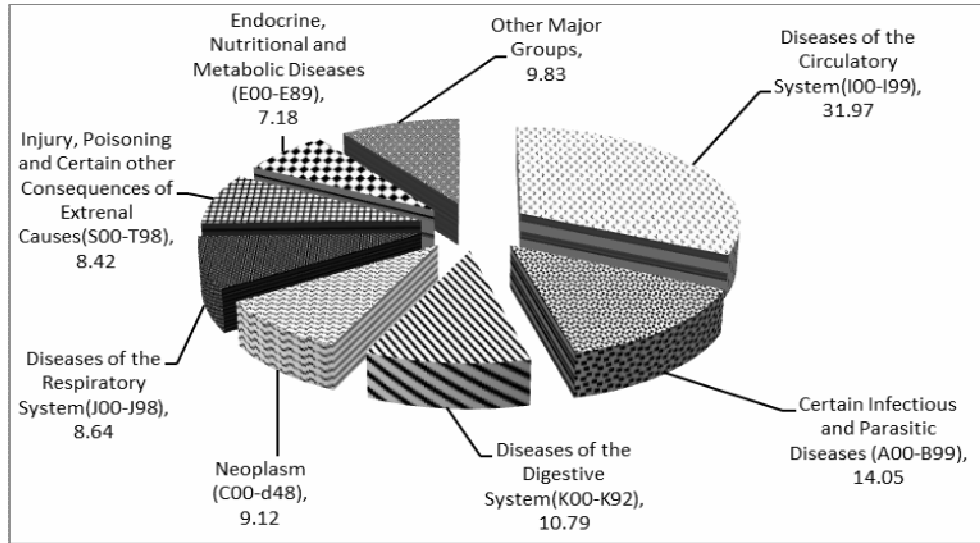
Statement – 38

**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)	3629	33.09	1465	29.49	5094	31.97
2	Certain Infectious and Parasitic Diseases (A00-B99)	1571	14.32	668	13.45	2239	14.05
3	Diseases of the Digestive System(K00-K92)	1461	13.32	258	5.19	1719	10.79
4	Neoplasm(C00-d48)	764	6.97	690	13.89	1454	9.12
5	Diseases of the Respiratory System(J00-J98)	897	8.18	480	9.66	1377	8.64
6	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	939	8.56	403	8.11	1342	8.42
7	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	718	6.55	426	8.58	1144	7.18
8	Other Major Groups	989	9.02	577	11.62	1566	9.83
	Total medically Certified Deaths in the age group 45-54 years	10968	100.00	4967	100.00	15935	100.00
	Deaths in the age group 45-54 years as percentage to total Medically Certified Deaths		14.27		11.16		13.13

Chart – 29

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



3.31 Persons aged 55-64 years: This age group has a share of 16.40 per cent in the total medically certified deaths, accounting for 17.57 per cent and 14.37 per cent of total male and female medically certified deaths respectively. *‘Diseases of the Circulatory System’* have contributed to the maximum number (39.83 per cent) of total deaths in this age-group, followed by *Certain Infectious and Parasitic Diseases* (10.25 per cent). In the *Circulatory System deaths “Ischaemic Heart Diseases”* have taken the highest toll contributing around 46 per cent of total deaths. Around 91 per cent of the deaths under the cause group, *Endorine, Nutritional and Metabolic Diseases* is due to *‘Diabetes Mellitus’*. The cause group *‘Neoplasms’* is responsible for 9.58 per cent of the total deaths under this age group has two major constituents Viz., *‘Malignant Neoplasms of Digestive Organs’* and *‘Malignant Neoplasms of Respiratory & Intrathoracic Organs’* together accounting for around 48 per cent of total respiratory system deaths (Refer Table-2). 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**.

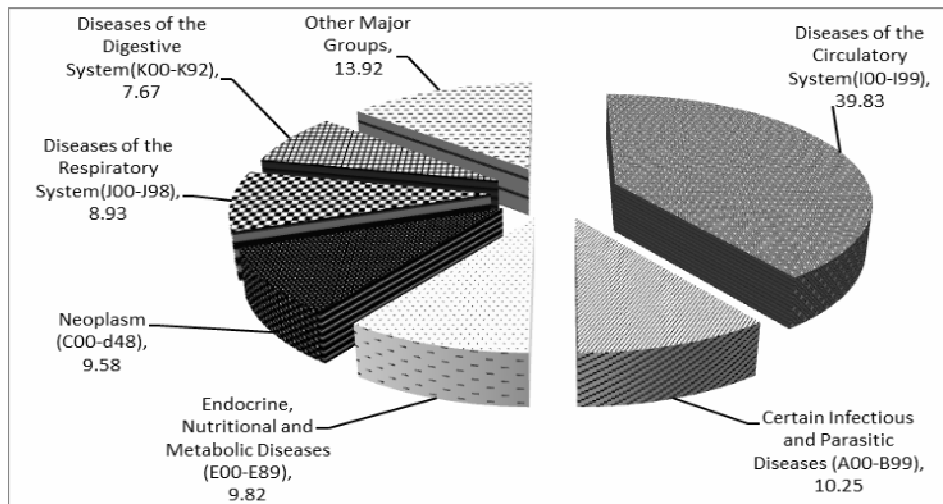
Statement -39

**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)	5384	39.87	2541	39.75	7925	39.83
2	Certain Infectious and Parasitic Diseases (A00-B99)	1370	10.14	670	10.48	2040	10.25
3	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	1211	8.97	742	11.61	1953	9.82
4	Neoplasm(C00-d48)	1128	8.35	779	12.19	1907	9.58
5	Diseases of the Respiratory System(J00-J98)	1273	9.43	504	7.88	1777	8.93
6	Diseases of the Digestive System(K00-K92)	1230	9.11	296	4.63	1526	7.67
7	Other Major Groups	1909	14.14	861	13.47	2770	13.92
	Total medically Certified Deaths in the age group 55-64 years	13505	100.00	6393	100.00	19898	100.00
	Deaths in the age group 55-64 years as percentage to total Medically Certified Deaths		17.57		14.37		16.40

Chart – 30

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



3.32 Persons aged 65-69 years : The share of this age group in total medically certified deaths is 9.56 per cent, constituting 9.54 per cent and 9.60 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 (44.25 per cent). *'Ischaemic Heart Diseases'* constitute the highest share around 46 per cent of circulatory system deaths under this age group. The second leading cause group of death in this age group is with the share of 11.36 per cent. Under this cause group *'Diabetes Mellitus'* is the main cause alone contribute 94.08 per cent of the deaths. The major group of *'Diseases of the Respiratory System'* rank third with 9.91 per cent of total deaths under this age group, *'Other Lower Respiratory Disorders'* and *'Pneumonia'* are being the major constituents with the shares of 41.91 per cent and 25.39 per cent of this cause group respectively. (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**.

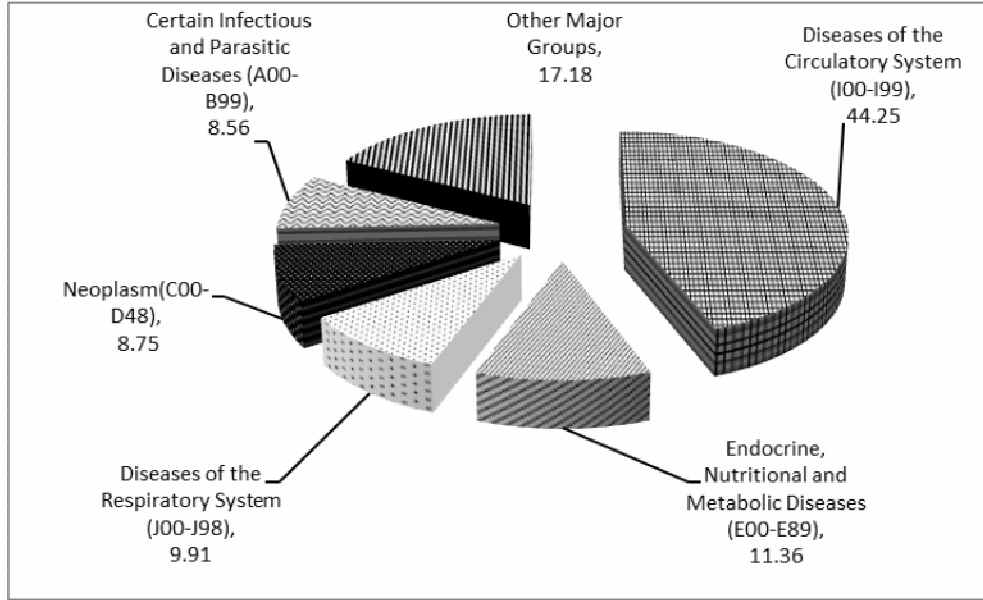
Statement -40

**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)	3211	43.80	1924	45.03	5135	44.25
2	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	796	10.86	522	12.22	1318	11.36
3	Diseases of the Respiratory System (J00-J98)	825	11.25	325	7.61	1150	9.91
4	Neoplasm(C00-D48)	570	7.78	445	10.41	1015	8.75
5	Certain Infectious and Parasitic Diseases (A00-B99)	632	8.62	361	8.45	993	8.56
6	Other Major Groups	1297	17.69	696	16.29	1993	17.18
	Total medically Certified Deaths in the age group 65-69 years	7331	100.00	4273	100.00	11604	100.00
	Deaths in the age group 65-69 years as percentage to total Medically Certified Deaths	-	9.54	-	9.60	-	9.56

Chart-31

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



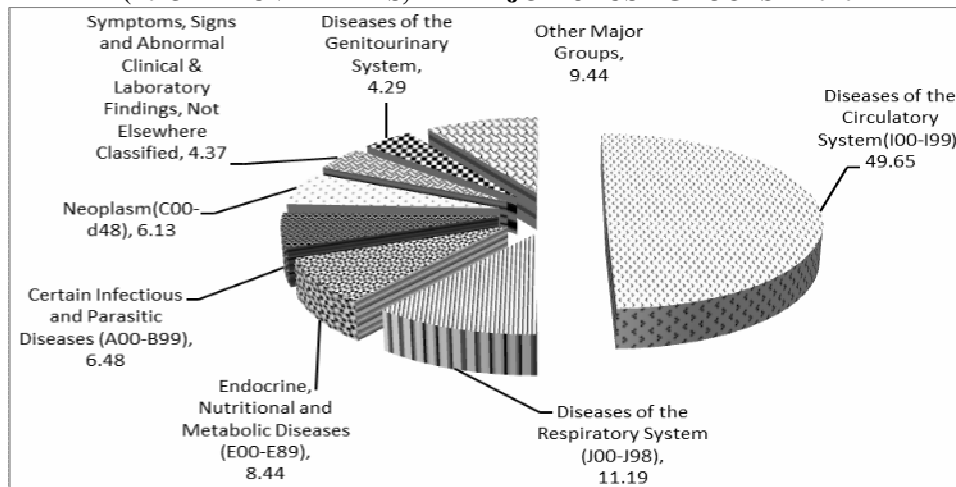
3.33 Old aged Persons 70 years and above: This age group, as expected, has reported the maximum incidence (21.49 per cent) of total medically certified deaths. As high as 20.29 per cent and 23.58 per cent of total male and female medically certified deaths have respectively been reported from this age group. In this age group *‘Diseases of the Circulatory System’* alone contribute 49.65 per cent of deaths. *Ischemic Heart Diseases* constitute maximum number (42.42 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 11.19 per cent of total deaths under this age group *‘Other Lower Respiratory Disorders’* and *‘All other Diseases of the Respiratory System’* are the major constituents of Diseases of Respiratory system with the shares of 42.05 per cent and 18.75 per cent respectively. With the share of 10.29 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 88 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 – 2010

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	7406	47.50	5544	52.85	12950	49.65
2	Diseases of the Respiratory System (A00-B99)	1986	12.74	932	8.88	2918	11.19
3	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	1207	7.74	993	9.47	2200	8.44
4	Certain Infectious and Parasitic Diseases (A00-B99)	1044	6.70	647	6.17	1691	6.48
5	Neoplasm(C00-d48)	1038	6.66	562	5.36	1600	6.13
6	Symptoms, Signs and Abnormal Clinical & Laboratory Findings, Not Elsewhere Classified	576	3.69	563	5.37	1139	4.37
7	Diseases of the Genitourinary System	744	4.77	375	3.57	1119	4.29
8	Other Major Groups	1589	10.19	874	8.33	2463	9.44
	Total medically Certified Deaths in the age group 70 or above years	15590	100.00	10490	100.00	26080	100.00
	Deaths in the age group 70 or above years as percentage to total Medically Certified Deaths	-	20.29	-	23.58	-	21.49

CHART – 32

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG OLD AGED PERSONS (70 OR ABOVE YEARS) BY MAJOR CAUSE GROUPS – 2010



APPENDICES

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TABLE 1 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON OF 10TH REVISION OF ICD DURING THE YEAR 2010

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	140	302	294	461	1018	1512	1571	1370	632	1044	532	8876	
		Female	104	301	263	403	688	708	668	670	361	647	211	5024	
		Total	244	603	557	864	1706	2220	2239	2040	993	1691	743	13900	
2	NEOPLASMS (C00-D48)	Male	1	21	49	115	163	304	764	1128	570	1038	214	4367	
		Female	3	13	34	53	139	329	690	779	445	562	153	3200	
		Total	4	34	83	168	302	633	1454	1907	1015	1600	367	7567	
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	Male	0	45	31	88	112	143	144	149	60	159	87	1018	
		Female	0	32	50	137	161	117	119	96	54	152	55	973	
		Total	0	77	81	225	273	260	263	245	114	311	142	1991	
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	25	12	32	135	276	718	1211	796	1207	218	4630	
		Female	1	29	21	65	65	179	426	742	522	993	113	3156	
		Total	1	54	33	97	200	455	1144	1953	1318	2200	331	7786	
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	3	18	26	17	11	3	9	2	89	
		Female	0	0	0	4	2	5	6	2	2	3	0	24	
		Total	0	0	0	7	20	31	23	13	5	12	2	113	
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	174	91	135	122	220	288	207	216	138	293	125	2009	
		Female	79	73	109	177	172	124	139	123	70	152	61	1279	
		Total	253	164	244	299	392	412	346	339	208	445	186	3288	
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	0	0	1	0	0	1	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	0	0	0	0	0	0	0	0	1	0	0	1	
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	2	0	0	0	0	0	0	2	
		Total	0	0	0	0	2	0	0	0	0	0	0	2	
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	12	22	38	105	809	1755	3629	5384	3211	7406	1570	23941	
		Female	5	15	24	79	413	701	1465	2541	1924	5544	593	13304	
		Total	17	37	62	184	1222	2456	5094	7925	5135	12950	2163	37245	
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0	108	110	159	379	603	897	1273	825	1986	400	6740	
		Female	0	112	86	229	404	383	480	504	325	932	215	3670	
		Total	0	220	196	388	783	986	1377	1777	1150	2918	615	10410	

TABLE 1 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON OF 10TH REVISION OF ICD DURING THE YEAR 2010

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	
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0	21	28	127	641	1291	1461	1230	421	603	402	6225	
		Female	0	11	26	88	120	226	258	296	194	287	128	1634	
		Total	0	32	54	215	761	1517	1719	1526	615	890	530	7859	
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	2	17	14	23	76	99	74	129	29	463	
		Female	0	0	1	10	17	18	33	48	30	54	14	225	
		Total	0	0	3	27	31	41	109	147	104	183	43	688	
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0	0	0	0	5	10	11	24	10	24	4	88	
		Female	0	0	0	3	6	10	13	14	5	11	4	66	
		Total	0	0	0	3	11	20	24	38	15	35	8	154	
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	4	8	71	171	265	417	648	269	744	169	2766	
		Female	0	5	14	67	102	123	208	281	166	375	72	1413	
		Total	0	9	22	138	273	388	625	929	435	1119	241	4179	
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	403	360	49	0	0	0	0	36	848	
		Total	0	0	0	403	360	49	0	0	0	0	36	848	
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	6798	0	0	0	0	0	0	0	0	0	0	6798	
		Female	4004	0	0	0	0	0	0	0	0	0	0	4004	
		Total	10802	0	0	0	0	0	0	0	0	0	0	10802	
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	823	128	69	0	0	0	0	0	0	0	0	1020	
		Female	508	105	63	0	0	0	0	0	0	0	0	676	
		Total	1331	233	132	0	0	0	0	0	0	0	0	1696	
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS,NOT ELSEWHERE CLASSIFIED (R000-R99)	Male	0	8	14	38	67	99	117	146	106	576	126	1297	
		Female	0	7	8	36	45	60	59	88	76	563	76	1018	
		Total	0	15	22	74	112	159	176	234	182	1139	202	2315	
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	23	85	163	1076	1461	1177	939	616	215	372	396	6523	
		Female	14	61	135	1157	948	554	403	209	99	215	185	3980	
		Total	37	146	298	2233	2409	1731	1342	825	314	587	581	10503	
	ALL CAUSES	Male	7971	860	953	2414	5213	7772	10968	13505	7331	15590	4274	76851	
		Female	4718	764	834	2911	3644	3586	4967	6393	4273	10490	1916	44496	
		Total	12689	1624	1787	5325	8857	11358	15935	19898	11604	26080	6190	121347	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			I	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	140	302	294	461	1018	1512	1571	1370	632	
		Female	104	301	263	403	688	708	668	670	361	647	211	5024	
		Total	244	603	557	864	1706	2220	2239	2040	993	1691	743	13900	
1	INTESTINAL INFECTIOUS DISEASES(A00-A09)	Male	89	61	30	41	78	105	149	159	67	234	70	1083	
		Female	62	46	27	31	37	52	71	103	69	144	24	666	
		Total	151	107	57	72	115	157	220	262	136	378	94	1749	
1	CHOLERA(A00)	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	TYPHOID FEVER AND PARATYPHOID FEVERS(A01)	Male	1	1	2	5	5	7	6	2	4	3	4	40	
		Female	0	0	5	6	7	2	1	3	4	6	1	35	
3	FOOD POISONING(A02,A05)	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	
4	SHIGELLOSIS(A03)	Male	0	7	0	2	9	0	1	1	0	4	5	29	
		Female	0	3	0	1	1	2	0	0	0	0	0	7	
5	AMOEBIASIS(A06)	Male	0	1	0	0	3	3	12	1	0	5	1	26	
		Female	5	3	0	0	1	3	3	1	5	0	1	22	
6	DIARRHOEA AND GASTROENTERITIS OF PRESUMED INFECTIOUS ORIGIN(A09)	Male	88	52	27	34	61	95	130	155	63	222	59	986	
		Female	56	40	21	23	28	45	66	98	59	138	22	596	
7	OTHER INTESTINAL INFECTIOUS DISEASES(A04,A07-A08)	Male	0	0	1	0	0	0	0	0	0	0	1	2	
		Female	1	0	1	1	0	0	1	0	1	0	0	5	
2	TUBERCULOSIS(A15-A19)	Male	5	22	23	168	493	801	908	670	320	408	250	4068	
		Female	8	32	28	131	283	302	244	233	122	210	63	1656	
		Total	13	54	51	299	776	1103	1152	903	442	618	313	5724	
1	RESPIRATORY TUBERCULOSIS(A15-A16)	Male	0	0	14	125	410	658	790	591	281	368	200	3437	
		Female	0	6	11	100	207	223	189	194	88	143	44	1205	
2	TUBERCULOSIS OF NERVOUS SYSTEM(A17)	Male	2	22	8	30	59	84	86	37	23	23	27	401	
		Female	8	23	15	14	46	52	40	30	23	41	12	304	
3	TUBERCULOSIS OF OTHER ORGANS AND MILIARY TUBERCULOSIS(A18-A19)	Male	3	0	1	13	24	59	32	42	16	17	23	230	
		Female	0	3	2	17	30	27	15	9	11	26	7	147	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			3	OTHER BACTERIAL DISEASES(A20-A49)	Male	4	27	38	119	177	233	241	334	169	
		Female	17	49	41	121	165	149	163	198	112	210	62	1287	
		Total	21	76	79	240	342	382	404	532	281	500	162	3019	
1	PLAGUE(A20)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
2	LEPROSY(A30)	Male	0	0	0	1	0	1	0	0	0	0	0	2	
		Female	0	0	0	0	2	0	0	1	0	0	0	3	
3	NEONATAL TETANUS(A33)	Male	2	0	0	0	0	0	0	0	0	0	0	2	
		Female	4	0	0	0	0	0	0	0	0	0	0	4	
4	OTHER TETANUS(A34-A35)	Male	0	1	23	7	4	11	5	6	3	7	1	68	
		Female	0	5	2	4	0	4	0	14	4	5	0	38	
5	DIPHTHERIA(A36)	Male	2	4	0	0	0	0	0	0	0	0	0	6	
		Female	13	0	0	0	0	0	0	0	0	0	0	13	
6	WHOOPING COUGH(A37)	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	MENINGOCOCCAL INFECTION(A39)	Male	0	0	1	0	0	0	0	1	0	1	0	3	
		Female	0	1	0	0	1	2	0	0	2	0	0	6	
8	SEPTICAEMIA(A40-A41)	Male	0	17	13	93	134	182	198	290	154	275	91	1447	
		Female	0	42	36	113	146	129	143	162	97	194	56	1118	
9	ALL OTHER TYPES OF BACTERIAL DISEASES(A21-A28,A31-A32,A38,A42-A49)	Male	0	5	1	18	39	39	38	37	12	7	8	204	
		Female	0	1	3	4	16	14	20	21	9	11	6	105	
4	INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION(A50-A64)	Male	0	0	0	0	0	0	1	1	0	0	0	2	
		Female	0	0	0	0	1	1	0	1	0	1	1	5	
		Total	0	0	0	0	1	1	1	2	0	1	1	7	
1	SYPHILIS(A50-A53)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
2	OTHER TYPES OF INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION	Male	0	0	0	0	0	0	1	1	0	0	0	2	
		Female	0	0	0	0	1	0	0	1	0	1	1	4	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			5	VIRAL DISEASES(A70-A74 & A80-B34)	Male	42	162	176	97	194	281	184	135	55	
		Female	17	157	144	84	148	155	131	104	42	38	38	1058	
		Total	59	319	320	181	342	436	315	239	97	112	114	2534	
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	4	9	4	12	10	7	11	4	5	8	74	
		Female	0	2	1	0	0	4	4	3	0	2	2	18	
3	JAPANESE ENCEPHALITIS(A83.0)	Male	1	6	0	0	0	0	1	0	1	3	0	12	
		Female	1	0	0	1	0	2	0	2	0	0	0	6	
4	OTHER VIRAL ENCEPHALITIS(A83.1-A83.9,A84-A86)	Male	26	52	66	28	27	36	35	29	14	25	19	357	
		Female	12	62	71	20	16	18	22	28	13	8	5	275	
5	DENGUE FEVER(A90)	Male	0	20	11	7	8	11	15	10	4	1	3	90	
		Female	0	7	7	6	14	7	12	6	3	7	2	71	
6	OTHER ARTHROPOD-BORNE VIRAL FEVERS AND VIRAL HAEMORRHAGIC FEVERS (A91-A94, A96-A99)	Male	0	74	75	37	37	36	35	43	12	18	21	388	
		Female	0	62	57	23	24	50	43	34	21	15	17	346	
7	SMALLPOX(B03)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
8	MEASLES(B05)	Male	0	3	2	0	0	0	0	0	0	0	0	5	
		Female	0	4	0	0	0	0	0	0	0	0	0	4	
9	ACUTE HEPATITIS(B16)	Male	0	0	1	2	11	7	17	6	4	4	4	56	
		Female	0	1	0	0	5	3	9	3	1	1	0	23	
10	OTHER VIRAL HEPATITIS(B15, B17-B19)	Male	0	3	7	16	17	26	17	11	10	13	5	125	
		Female	0	7	2	29	14	6	7	9	2	5	1	82	
11	HUMAN IMMUNODEFICIENCY VIRUS(HIV)DISEASE(B20-B24)	Male	0	0	0	0	82	151	55	19	3	1	16	327	
		Female	0	0	0	0	73	63	31	18	0	0	8	193	
12	ALL OTHER TYPES OF VIRAL DISEASES(A70-A74,A81,A87-A89,A95, B00-B02,B04,B06-B09 & B25-B34)	Male	15	0	5	3	0	4	2	6	3	4	0	42	
		Female	4	12	6	5	2	2	3	1	2	0	3	40	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			6	PROTOZOAL DISEASES(B50-B64)	Male	0	26	20	34	51	55	56	56	15	
		Female	0	13	20	27	33	32	25	23	15	42	16	246	
		Total	0	39	40	61	84	87	81	79	30	72	35	608	
1	MALARIA(B50-B54)	Male	0	26	20	33	48	53	56	54	15	30	19	354	
		Female	0	13	20	27	33	30	24	23	15	42	16	243	
2	ALL OTHER TYPES OF PROTOZOAL DISEASES(B55-B64)	Male	0	0	0	1	3	2	0	2	0	0	0	8	
		Female	0	0	0	0	0	2	1	0	0	0	0	3	
7	OTHER CERTAIN INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS (A65-A69 & A75-A79,B35-B49,B65-B94 & B9	Male	0	4	7	2	25	37	32	15	6	8	17	153	
		Female	0	4	3	9	21	17	34	8	1	2	7	106	
		Total	0	8	10	11	46	54	66	23	7	10	24	259	
1	FILARIASIS(B74)	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	
2	OTHER HELMINTHIASIS(B65-B73,B75,B77-B83)	Male	0	0	0	0	3	0	0	1	0	0	0	4	
		Female	0	0	1	0	0	1	0	0	0	0	0	2	
3	OTHER SPIROCHAETAL DISEASES AND RICKETTSIOSES(A65-A69 & A75-A79)	Male	0	1	3	0	1	0	0	0	0	1	1	7	
		Female	0	1	1	0	0	0	0	1	0	0	0	3	
4	ALL OTHER INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS AN (B35-B49,B65,B76,B85-B94 &B99)	Male	0	3	4	2	21	37	32	13	6	7	16	141	
		Female	0	3	1	9	21	16	34	7	1	2	7	101	
II	NEOPLASMS (C00-D48)	Male	1	21	49	115	163	304	764	1128	570	1038	214	4367	
		Female	3	13	34	53	139	329	690	779	445	562	153	3200	
		Total	4	34	83	168	302	633	1454	1907	1015	1600	367	7567	
8	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	2	18	38	88	103	50	80	14	393	
		Female	0	0	0	1	2	14	33	51	36	32	8	177	
		Total	0	0	0	3	20	52	121	154	86	112	22	570	
1	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	2	18	38	88	103	50	80	14	393	
		Female	0	0	0	1	2	14	33	51	36	32	8	177	
9	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS (C15-C26)	Male	0	0	0	0	36	88	280	418	247	382	58	1509	
		Female	0	0	0	2	12	54	145	192	148	195	30	778	
		Total	0	0	0	2	48	142	425	610	395	577	88	2287	
1	MALIGNANT NEOPLASM OF OESOPHAGUS (C15)	Male	0	0	0	0	4	13	90	120	69	89	15	400	
		Female	0	0	0	0	2	13	44	69	47	34	8	217	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			2	MALIGNANT NEOPLASM OF STOMACH (C16)	Male	0	0	0	0	13	29	56	84	
		Female	0	0	0	0	3	11	25	38	40	52	4	173
3	MALIGNANT NEOPLASMS OF SMALL INTESTINE INCLUDING DUODENUM (C17)	Male	0	0	0	0	0	0	2	0	0	1	0	3
		Female	0	0	0	0	0	0	0	1	0	0	0	1
4	MALIGNANT NEOPLASM OF COLON (C18)	Male	0	0	0	0	2	12	13	34	16	27	3	107
		Female	0	0	0	0	3	8	13	11	17	20	6	78
5	MALIGNANT NEOPLASMS OF RECTOSIGMOID JUNCTION,RECTUM,ANUS AND ANAL CANAL (C19-C21)	Male	0	0	0	0	5	3	20	19	7	26	5	85
		Female	0	0	0	1	2	6	12	16	5	13	5	60
6	MALIGNANT NEOPLASMS OF LIVER AND INTRAHEPATIC BILE DUCTS (C22)	Male	0	0	0	0	6	23	69	107	66	95	13	379
		Female	0	0	0	0	0	11	21	25	22	37	3	119
7	MALIGNANT NEOPLASM OF PANCREAS (C25)	Male	0	0	0	0	0	4	14	40	12	12	2	84
		Female	0	0	0	1	1	1	13	18	7	20	1	62
8	OTHER MALIGNANT NEOPLASM OF DIGESTIVE ORGANS (C23-C24,C26)	Male	0	0	0	0	6	4	16	14	15	25	2	82
		Female	0	0	0	0	1	4	17	14	10	19	3	68
10	MALIGNANT NEOPLASMS OF RESPIRATORY & INTRATHORACIC ORGANS (C30-C39)	Male	0	0	0	2	16	26	142	245	113	210	60	814
		Female	0	0	0	1	5	17	49	55	57	42	10	236
		Total	0	0	0	3	21	43	191	300	170	252	70	1050
1	MALIGNANT NEOPLASM OF LARYNX (C32)	Male	0	0	0	0	0	8	31	36	17	55	15	162
		Female	0	0	0	1	0	2	6	2	1	2	0	14
2	MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG (C33-C34)	Male	0	0	0	2	16	18	110	206	95	155	45	647
		Female	0	0	0	0	5	12	42	53	56	40	10	218
3	OTHER MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (C30-C31,C37-C39)	Male	0	0	0	0	0	0	1	3	1	0	0	5
		Female	0	0	0	0	0	3	1	0	0	0	0	4
11	MALIGNANT NEOPLASMS OF BONE,MESOTHELIAL AND SOFT TISSUE,SKIN AND BREAST (C40-C50)	Male	0	0	0	7	5	10	19	23	11	12	2	89
		Female	0	1	3	0	14	100	160	129	61	81	28	577
		Total	0	1	3	7	19	110	179	152	72	93	30	666
1	MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE (C40-C41)	Male	0	0	0	5	4	9	9	15	4	8	0	54
		Female	0	1	3	0	2	1	3	7	2	4	1	24
2	MALIGNANT MELANOMA OF SKIN (C43)	Male	0	0	0	0	0	0	3	0	1	0	0	4
		Female	0	0	0	0	0	1	0	1	0	1	0	3

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			3	OTHER MALIGNANT NEOPLASM OF SKIN (C44)	Male	0	0	0	1	0	0	0	1	
		Female	0	0	0	0	0	0	0	0	0	1	0	1
4	MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE (C45-C49)	Male	0	0	0	1	1	1	7	7	6	3	2	28
		Female	0	0	0	0	0	5	7	7	2	3	0	24
5	MALIGNANT NEOPLASM OF BREAST (C50)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	12	93	150	114	56	73	27	525
12	MALIGNANT NEOPLASMS OF GENITOURINARY ORGANS(C51-C68)	Male	0	0	0	3	3	18	35	67	45	120	21	312
		Female	0	0	0	1	30	62	162	204	81	82	44	666
		Total	0	0	0	4	33	80	197	271	126	202	65	978
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	15	38	79	100	37	41	26	336
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	0	6	6	19	6	7	0	44
3	MALIGNANT NEOPLASM OF OVARY (C56)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	1	13	16	74	79	33	25	17	258
4	MALIGNANT NEOPLASMS OF PLACENTA (C58)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0
5	OTHER MALIGNANT NEOPLASM OF FEMALE GENITAL ORGANS (C51-C52,C57)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	1	0	0	0	0	1	0	2
6	MALIGNANT NEOPLASM OF PROSTATE (C61)	Male	0	0	0	0	0	8	11	29	23	66	7	144
		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	3	1	4	13	10	3	11	8	53
		Female	0	0	0	0	0	0	0	0	0	0	0	0
8	MALIGNANT NEOPLASM OF BLADDER (C67)	Male	0	0	0	0	2	4	6	11	8	21	5	57
		Female	0	0	0	0	1	0	1	2	2	7	0	13
9	OTHER MALIGNANT NEOPLASM OF URINARY TRACT (C64-C66,C68)	Male	0	0	0	0	0	2	5	17	11	22	1	58
		Female	0	0	0	0	0	2	2	4	3	1	1	13

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
13	MALIGNANT NEOPLASMS OF EYE,BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM (C69-C72)	Male	0	7	5	11	18	30	35	50	27	42	17	242
		Female	0	5	9	4	16	13	46	18	12	30	7	160
		Total	0	12	14	15	34	43	81	68	39	72	24	402
1	MALIGNANT NEOPLASMS OF EYE & ADNEXA (C69)	Male	0	2	0	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	5	11	18	30	35	50	27	42	17	240
		Female	0	5	9	4	16	13	46	18	12	30	7	160
14	MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES (C73-C80 & C97)	Male	0	0	1	8	8	25	44	49	27	52	13	227
		Female	0	0	1	4	8	8	26	29	21	41	9	147
		Total	0	0	2	12	16	33	70	78	48	93	22	374
1	MALIGNANT NEOPLASMS OF OTHER ILL-DEFINED, SECONDARY, UNSPECIFIED AND MULTIPLE SITES(C73-C80 & C97)	Male	0	0	1	8	8	25	44	49	27	52	13	227
		Female	0	0	1	4	8	8	26	29	21	41	9	147
15	MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE (C81-C96)	Male	1	14	43	81	58	69	117	170	47	131	28	759
		Female	3	7	20	36	47	58	61	98	27	51	17	425
		Total	4	21	63	117	105	127	178	268	74	182	45	1184
1	HODGKIN'S DISEASE(C81)	Male	0	0	0	0	1	1	0	2	0	1	0	5
		Female	0	0	0	1	0	0	1	0	0	0	0	2
2	NON HODGKIN'S LYMPHOMA(C82-C85)	Male	0	1	0	15	13	28	55	76	16	51	9	264
		Female	0	0	2	9	9	14	22	24	12	21	8	121
3	MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS(C90)	Male	0	1	0	1	1	0	1	3	1	2	0	10
		Female	0	0	1	0	2	0	0	0	0	0	0	3
4	LEUKAEMIA(C91-C95)	Male	1	12	43	65	43	40	61	88	30	75	19	477
		Female	3	7	17	26	36	43	38	74	14	30	9	297
5	OTHER MALIGNANT NEOPLASMS OF LYMPHOID,HAEMATOPOIETIC AND RELATED TISSUE	Male	0	0	0	0	0	0	0	1	0	2	0	3
		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	1	0	1	0	2
		Female	0	0	0	1	0	0	0	0	0	0	0	1
		Total	0	0	0	1	0	0	0	1	0	1	0	3
1	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	1	0	1	0	2
		Female	0	0	0	1	0	0	0	0	0	0	0	1

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			17	BENIGN NEOPLASMS(D10-D36)	Male	0	0	0	0	0	0	2	2	0	
		Female	0	0	0	0	2	0	5	2	1	1	0	11	
		Total	0	0	0	0	2	0	7	4	1	2	1	17	
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	1	0	0	0	0	1	
2	ALL OTHER BENIGN NEOPLASMS(D10-D24,D26-D36)	Male	0	0	0	0	0	0	2	2	0	1	1	6	
		Female	0	0	0	0	2	0	4	2	1	1	0	10	
18	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	1	1	0	2	0	3	7	0	14	
		Female	0	0	1	3	3	3	3	1	1	7	0	22	
		Total	0	0	1	4	4	3	5	1	4	14	0	36	
1	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	1	1	0	2	0	3	7	0	14	
		Female	0	0	1	3	3	3	3	1	1	7	0	22	
III	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING IMMUNE MECHANISM(D50-D89)	Male	0	45	31	88	112	143	144	149	60	159	87	1018	
		Female	0	32	50	137	161	117	119	96	54	152	55	973	
		Total	0	77	81	225	273	260	263	245	114	311	142	1991	
19	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING IMMUNE MECHANISM(D50-D89)	Male	0	45	31	88	112	143	144	149	60	159	87	1018	
		Female	0	32	50	137	161	117	119	96	54	152	55	973	
		Total	0	77	81	225	273	260	263	245	114	311	142	1991	
1	THALASSAEMIA(D56)	Male	0	5	2	2	0	1	1	0	0	0	0	11	
		Female	0	0	4	2	0	0	0	0	1	0	0	7	
2	OTHER ANAEMIAS(D50-D55,D57-D64)	Male	0	24	21	67	94	122	122	126	49	140	70	835	
		Female	0	23	34	113	137	101	103	83	46	141	55	836	
3	ALL OTHER DISEASES OF BLOOD & BLOOD FORMING ORGANS (D65-D77)	Male	0	16	4	17	14	12	19	19	8	17	4	130	
		Female	0	9	12	17	19	12	14	12	6	11	0	112	
4	CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D80-D89)	Male	0	0	4	2	4	8	2	4	3	2	13	42	
		Female	0	0	0	5	5	4	2	1	1	0	0	18	
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	25	12	32	135	276	718	1211	796	1207	218	4630	
		Female	1	29	21	65	65	179	426	742	522	993	113	3156	
		Total	1	54	33	97	200	455	1144	1953	1318	2200	331	7786	

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			20	MALNUTRITION(E40-E46)	Male	0	17	1	7	4	12	8	8	
		Female	1	22	4	1	2	6	4	6	4	10	5	65
		Total	1	39	5	8	6	18	12	14	5	23	10	141
1	KWASHIORKOR(E40)	Male	0	6	0	0	1	3	0	0	0	2	3	15
		Female	0	1	4	0	0	0	0	0	0	2	5	12
2	NUTRITIONAL MARASMUS(E41)	Male	0	1	0	0	1	6	3	3	0	4	1	19
		Female	0	11	0	0	1	2	1	5	2	3	0	25
3	OTHER PROTEIN-ENERGY MALNUTRITION(E42-E46)	Male	0	10	1	7	2	3	5	5	1	7	1	42
		Female	1	10	0	1	1	4	3	1	2	5	0	28
21	ENDOCRINE, OTHER NUTRITIONAL AND METABOLIC DISEASES (E00-E34 & E50-E89)	Male	0	8	11	25	131	264	710	1203	795	1194	213	4554
		Female	0	7	17	64	63	173	422	736	518	983	108	3091
		Total	0	15	28	89	194	437	1132	1939	1313	2177	321	7645
1	DISORDERS OF THYROID GLAND(E00-E07)	Male	0	0	0	0	1	4	4	12	6	9	3	39
		Female	0	0	0	2	15	13	28	32	8	29	6	133
2	DIABETES MELLITUS(E10-E14)	Male	0	0	4	18	89	197	633	1117	750	1071	185	4064
		Female	0	0	11	39	39	136	368	667	490	873	94	2717
3	ALL OTHER NUTRITIONAL DEFICIENCIES(E50-E64)	Male	0	0	0	0	4	3	6	4	0	5	1	23
		Female	0	0	0	0	1	1	2	2	1	2	0	9
4	ALL OTHER ENDOCRINE AND METABOLIC DISEASES(E15-E34 & E65-E89)	Male	0	8	7	7	37	60	67	70	39	109	24	428
		Female	0	7	6	23	8	23	24	35	19	79	8	232
V	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	3	18	26	17	11	3	9	2	89
		Female	0	0	0	4	2	5	6	2	2	3	0	24
		Total	0	0	0	7	20	31	23	13	5	12	2	113
22	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	3	18	26	17	11	3	9	2	89
		Female	0	0	0	4	2	5	6	2	2	3	0	24
		Total	0	0	0	7	20	31	23	13	5	12	2	113
1	MENTAL AND BEHAVIOURAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE (F10-F19)	Male	0	0	0	3	15	20	10	4	2	4	0	58
		Female	0	0	0	3	1	3	0	0	0	0	0	7
2	SCHIZOPHRENIA, SCHIZOTYPAL & DELUSIONAL DISORDERS(F20-F29)	Male	0	0	0	0	2	6	7	7	1	4	0	27
		Female	0	0	0	0	1	2	6	2	0	3	0	14

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			3	ALL OTHER MENTAL BEHAVIOURAL DISORDERS(F01-F09,F30-F99)	Male	0	0	0	0	1	0	0	0	
		Female	0	0	0	1	0	0	0	0	2	0	0	3
VI	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	174	91	135	122	220	288	207	216	138	293	125	2009
		Female	79	73	109	177	172	124	139	123	70	152	61	1279
		Total	253	164	244	299	392	412	346	339	208	445	186	3288
23	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYTEM (G00-G09)	Male	147	74	97	73	127	191	98	93	70	91	67	1128
		Female	71	53	69	114	116	86	79	58	35	63	29	773
		Total	218	127	166	187	243	277	177	151	105	154	96	1901
1	MENINGITIS(G00 & G03)	Male	109	45	41	31	76	99	50	56	33	50	35	625
		Female	50	21	26	37	36	53	35	37	17	37	15	364
2	ENCEPHALITIS,MYELITIS AND ENCEPHALOMYELITIS(G04)	Male	37	29	55	27	33	69	37	31	33	38	25	414
		Female	21	23	40	53	51	26	39	16	14	24	9	316
3	OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM(G06,G08-G09)	Male	1	0	1	15	18	23	11	6	4	3	7	89
		Female	0	9	3	24	29	7	5	5	4	2	5	93
24	OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G98)	Male	27	17	38	49	93	97	109	123	68	202	58	881
		Female	8	20	40	63	56	38	60	65	35	89	32	506
		Total	35	37	78	112	149	135	169	188	103	291	90	1387
1	ALZHEIMER'S DISEASE(G30)	Male	0	0	0	0	0	0	0	0	1	3	0	4
		Female	0	0	0	0	0	0	0	0	1	9	0	10
2	EPILEPSY(G40-G41)	Male	0	2	24	21	30	40	33	15	9	28	25	227
		Female	0	5	14	36	18	14	7	17	7	14	13	145
3	ALL OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G25,G31,G35-G37,G43-G98)	Male	27	15	14	28	63	57	76	108	58	171	33	650
		Female	8	15	26	27	38	24	53	48	27	66	19	351
VII	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	0	0	1	0	0	1
		Female	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	1	0	0	1
25	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	0	0	1	0	0	1
		Female	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	1	0	0	1

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15	
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			1	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	0	0		0
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	2	0	0	0	0	0	0	0	2
		Total	0	0	0	0	2	0	0	0	0	0	0	0	2
26	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	2	0	0	0	0	0	0	0	2
		Total	0	0	0	0	2	0	0	0	0	0	0	0	2
1	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	2	0	0	0	0	0	0	0	2
IX	DISEASES OF THE CIRCULATORY SYSTEM(100-199)	Male	12	22	38	105	809	1755	3629	5384	3211	7406	1570	23941	
		Female	5	15	24	79	413	701	1465	2541	1924	5544	593	13304	
		Total	17	37	62	184	1222	2456	5094	7925	5135	12950	2163	37245	
27	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASES(100-109)	Male	12	22	38	105	57	99	127	46	22	81	19	628	
		Female	5	15	24	79	103	118	99	110	49	60	17	679	
		Total	17	37	62	184	160	217	226	156	71	141	36	1307	
1	ACUTE RHEUMATIC FEVER(100-102)	Male	7	14	6	4	1	2	1	2	2	6	0	45	
		Female	1	3	1	2	0	1	2	0	4	3	5	22	
2	CHRONIC RHEUMATIC HEART DISEASES(105-109)	Male	5	8	32	101	56	97	126	44	20	75	19	583	
		Female	4	12	23	77	103	117	97	110	45	57	12	657	
28	HYPERTENSIVE DISEASES(110-1115)	Male	0	0	0	0	48	193	443	682	559	1158	180	3263	
		Female	0	0	0	0	18	56	199	338	366	886	96	1959	
		Total	0	0	0	0	66	249	642	1020	925	2044	276	5222	
1	HYPERTENSIVE HEART DISEASES(111)	Male	0	0	0	0	1	1	0	1	1	2	0	6	
		Female	0	0	0	0	0	0	0	0	0	6	1	7	
2	ALL OTHER HYPERTENSIVE DISEASES(110,112-115)	Male	0	0	0	0	47	192	443	681	558	1156	180	3257	
		Female	0	0	0	0	18	56	199	338	366	880	95	1952	
29	ISCHAEMIC HEART DISEASES(120-125)	Male	0	0	0	0	330	761	1747	2513	1477	3132	730	10690	
		Female	0	0	0	0	96	206	663	1135	868	2362	200	5530	
		Total	0	0	0	0	426	967	2410	3648	2345	5494	930	16220	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			1	ACUTE MYOCARDIAL INFARCTION(I21-I22)	Male	0	0	0	0	277	608	1231	1511	
		Female	0	0	0	0	76	142	446	578	447	1298	123	3110
2	ALL OTHER ISCHAEMIC HEART DISEASES(I20& I23-I25)	Male	0	0	0	0	53	153	516	1002	609	1454	251	4038
		Female	0	0	0	0	20	64	217	557	421	1064	77	2420
30	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART DISEASE(I26-I51)	Male	0	0	0	0	187	318	508	851	435	1339	334	3972
		Female	0	0	0	0	121	158	203	423	262	996	125	2288
		Total	0	0	0	0	308	476	711	1274	697	2335	459	6260
1	PULMONARY HEART DISEASES AND DISEASES OF PULMONARY CIRCULATION(I26-I28)	Male	0	0	0	0	24	81	128	261	147	511	109	1261
		Female	0	0	0	0	24	47	61	143	80	271	36	662
2	OTHER FORMS OF HEART DISEASES(I30-I51)	Male	0	0	0	0	163	237	380	590	288	828	225	2711
		Female	0	0	0	0	97	111	142	280	182	725	89	1626
31	CEREBROVASCULAR DISEASES(I60-I69)	Male	0	0	0	0	165	346	730	1203	683	1556	283	4966
		Female	0	0	0	0	57	140	266	484	352	1141	147	2587
		Total	0	0	0	0	222	486	996	1687	1035	2697	430	7553
1	CEREBROVASCULAR DISEASES(I60-I69)	Male	0	0	0	0	165	346	730	1203	683	1556	283	4966
		Female	0	0	0	0	57	140	266	484	352	1141	147	2587
32	OTHER DISEASES OF THE CIRCULATORY SYSTEM(I70-I99)	Male	0	0	0	0	22	38	74	89	35	140	24	422
		Female	0	0	0	0	18	23	35	51	27	99	8	261
		Total	0	0	0	0	40	61	109	140	62	239	32	683
1	ATHEROSCLEROSIS(I70)	Male	0	0	0	0	4	4	8	25	4	23	6	74
		Female	0	0	0	0	0	1	12	6	2	18	2	41
2	ARTERIAL EMBOLISM AND THROMBOSIS(I74)	Male	0	0	0	0	3	4	4	10	2	10	2	35
		Female	0	0	0	0	5	5	0	5	4	6	0	25
3	OTHER DISEASES OF ARTERIES, ARTERIOLES & CAPILLARIES(I71-I73 & I77-I78)	Male	0	0	0	0	6	8	16	24	11	57	7	129
		Female	0	0	0	0	8	9	10	9	6	42	2	86
4	PHLEBITIS,THROMBOPHLEBITIS,VENOUS EMBOLISM AND THROMBOSIS(I80-I82)	Male	0	0	0	0	2	11	16	5	4	26	4	68
		Female	0	0	0	0	0	2	8	14	2	12	0	38
5	ALL OTHER DISEASES OF THE CIRCULATORY SYSTEM(I83-I99)	Male	0	0	0	0	7	11	30	25	14	24	5	116
		Female	0	0	0	0	5	6	5	17	13	21	4	71

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			X	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0	108	110	159	379	603	897	1273	825	
		Female	0	112	86	229	404	383	480	504	325	932	215	3670	
		Total	0	220	196	388	783	986	1377	1777	1150	2918	615	10410	
33	DISEASES OF THE UPPER RESPIRATORY TRACT(J00-J06 & J30-J39)	Male	0	8	9	2	0	10	3	19	0	9	1	61	
		Female	0	3	7	0	5	2	3	4	9	0	1	34	
		Total	0	11	16	2	5	12	6	23	9	9	2	95	
1	ACUTE PHARYNGITIS AND ACUTE TONSILLITIS(J02-J03)	Male	0	8	8	0	0	0	0	6	0	0	1	23	
		Female	0	3	6	0	4	0	0	0	0	0	0	13	
2	ACUTE LARYNGITIS AND TRACHEITIS(J04)	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 ACUTE UPPER RESPIRATORY INFECTIONS(J00-J01 & J05-J06)	Male	0	0	1	2	0	5	1	5	0	1	0	15	
		Female	0	0	1	0	0	1	1	0	6	0	1	10	
4	ALL OTHER DISEASES OF UPPER RESPIRATORY TRACT(J30-J39)	Male	0	0	0	0	0	5	2	8	0	8	0	23	
		Female	0	0	0	0	1	1	2	4	3	0	0	11	
34	LOWER RESPIRATORY DISEASES(J20-J22 & J40-J47)	Male	0	0	0	27	63	126	368	706	481	1301	234	3306	
		Female	0	0	0	31	52	69	142	217	154	524	90	1279	
		Total	0	0	0	58	115	195	510	923	635	1825	324	4585	
1	ACUTE BRONCHITIS AND ACUTE BRONCHIOLITIS(J20-J21)	Male	0	0	0	0	0	0	1	0	1	1	0	3	
		Female	0	0	0	0	0	2	0	4	0	1	0	7	
2	BRONCHITIS, CHRONIC AND UNSPECIFIED EMPHYSEMA(J40-J43)	Male	0	0	0	2	2	2	11	23	11	65	4	120	
		Female	0	0	0	7	3	2	7	13	13	27	6	78	
3	ASTHMA(J45-J46)	Male	0	0	0	3	28	28	80	186	83	297	78	783	
		Female	0	0	0	8	17	24	51	72	45	206	43	466	
4	OTHER LOWER RESPIRATORY DISORDERS(J22,J44 & J47)	Male	0	0	0	22	33	96	276	497	386	938	152	2400	
		Female	0	0	0	16	32	41	84	128	96	290	41	728	
35	OTHER DISEASES OF THE RESPIRATORY SYSTEM(J10-J18,J60-J98)	Male	0	100	101	130	316	467	526	548	344	676	165	3373	
		Female	0	109	79	198	347	312	335	283	162	408	124	2357	
		Total	0	209	180	328	663	779	861	831	506	1084	289	5730	

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
1	INFLUENZA(J10-J11)	Male	0	0	2	5	9	8	10	13	3	2	2	54
		Female	0	0	0	6	17	19	25	4	0	3	0	74
2	PNEUMONIA(J12-J18)	Male	0	73	45	53	147	264	216	239	198	283	82	1600
		Female	0	81	33	97	137	139	153	118	94	184	76	1112
3	PLEURISY(J90)	Male	0	0	12	10	17	27	41	48	21	40	14	230
		Female	0	0	2	9	16	14	15	29	14	25	7	131
4	ALL OTHER DISEASES OF THE RESPIRATORY SYSTEM(J60-J86,J92-J98)	Male	0	27	42	62	143	168	259	248	122	351	67	1489
		Female	0	28	44	86	177	140	142	132	54	196	41	1040
XI	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0	21	28	127	641	1291	1461	1230	421	603	402	6225
		Female	0	11	26	88	120	226	258	296	194	287	128	1634
		Total	0	32	54	215	761	1517	1719	1526	615	890	530	7859
36	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	0	0	0	0	0	9	6	1	1	17
		Female	0	1	0	1	0	5	1	0	1	1	1	11
		Total	0	1	0	1	0	5	1	9	7	2	2	28
1	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	0	0	0	0	0	9	6	1	1	17
		Female	0	1	0	1	0	5	1	0	1	1	1	11
37	DISEASES OF THE OTHER PARTS OF DIGESTIVE SYSTEM(K20-K92)	Male	0	21	28	127	641	1291	1461	1221	415	602	401	6208
		Female	0	10	26	87	120	221	257	296	193	286	127	1623
		Total	0	31	54	214	761	1512	1718	1517	608	888	528	7831
1	GASTRIC AND DUODENAL ULCER(K25-K27)	Male	0	0	0	3	4	10	25	22	11	32	8	115
		Female	0	0	0	2	7	4	6	4	4	12	5	44
2	GASTRITIS AND DUODENITIS (K29)	Male	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0
3	DISEASES OF APPENDIX(K35-K38)	Male	0	0	0	12	22	37	53	42	29	41	7	243
		Female	0	0	2	2	3	5	11	19	5	9	2	58
4	HERNIA(K40-K46)	Male	0	0	0	0	0	3	5	6	8	10	0	32
		Female	0	0	0	1	0	2	5	5	7	5	1	26
5	PARALYTIC ILEUS AND INTESTINAL OBSTRUCTION WITHOUT HERNIA(K56)	Male	0	2	0	6	21	53	70	74	11	35	30	302
		Female	0	0	0	4	4	12	23	28	6	37	2	116

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			6	PERITONITIS(K65)	Male	0	0	0	14	40	74	60	68	
		Female	0	0	0	14	14	27	21	35	33	31	15	190
7	DISEASES OF THE LIVER(K70-K76)	Male	0	17	28	60	432	978	1050	837	248	303	275	4228
		Female	0	10	22	36	55	123	140	146	101	116	79	828
8	CHOLELITHIASIS AND CHOLECYSTITIS(K80-K81)	Male	0	0	0	0	7	7	0	9	3	12	1	39
		Female	0	0	0	3	6	9	9	6	6	14	1	54
9	DISORDERS OF THE PANCREAS(K85-K86)	Male	0	0	0	7	60	56	79	64	18	14	19	317
		Female	0	0	0	9	11	6	21	16	9	7	6	85
10	ALL OTHER DISEASES OF THE OTHER PARTS OF DIGESTIVE SYSTEM(K20-K22,K28,K30-K50-K55,K57-K63,K66,K82-K83 & K90-K92)	Male	0	2	0	25	55	73	119	99	49	98	30	550
		Female	0	0	2	16	20	33	21	37	22	55	16	222
XII	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	2	17	14	23	76	99	74	129	29	463
		Female	0	0	1	10	17	18	33	48	30	54	14	225
		Total	0	0	3	27	31	41	109	147	104	183	43	688
38	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	2	17	14	23	76	99	74	129	29	463
		Female	0	0	1	10	17	18	33	48	30	54	14	225
		Total	0	0	3	27	31	41	109	147	104	183	43	688
1	INFECTIONS OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L08)	Male	0	0	1	13	10	20	65	94	68	117	23	411
		Female	0	0	1	6	9	8	27	34	20	49	12	166
2	ALL OTHER DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L10-L98)	Male	0	0	1	4	4	3	11	5	6	12	6	52
		Female	0	0	0	4	8	10	6	14	10	5	2	59
XIII	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0	0	0	0	5	10	11	24	10	24	4	88
		Female	0	0	0	3	6	10	13	14	5	11	4	66
		Total	0	0	0	3	11	20	24	38	15	35	8	154
39	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0	0	0	0	5	10	11	24	10	24	4	88
		Female	0	0	0	3	6	10	13	14	5	11	4	66
		Total	0	0	0	3	11	20	24	38	15	35	8	154
1	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHRITIS(M05-M13)	Male	0	0	0	0	3	3	2	11	3	7	2	31
		Female	0	0	0	0	1	9	11	9	2	8	4	44
2	OSTEOMYELITIS(M86)	Male	0	0	0	0	0	1	0	0	5	0	0	6
		Female	0	0	0	0	0	0	0	1	2	0	0	3

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			3	ALL OTHER DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M02,M15-M43,M45-M85,M87-M99)	Male	0	0	0	0	2	6	9	13	2	
		Female	0	0	0	3	5	1	2	4	1	3	0	19	
XIV	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	4	8	71	171	265	417	648	269	744	169	2766	
		Female	0	5	14	67	102	123	208	281	166	375	72	1413	
		Total	0	9	22	138	273	388	625	929	435	1119	241	4179	
40	DISEASES OF URINARY SYSTEM(N00-N39)	Male	0	4	8	71	170	257	402	629	262	733	164	2700	
		Female	0	5	14	67	100	123	203	280	165	370	72	1399	
		Total	0	9	22	138	270	380	605	909	427	1103	236	4099	
1	GLOMERULAR DISEASES(INCLUDING NEPHRITIC SYNDROME)(N00-N07)	Male	0	4	8	8	9	4	8	1	1	1	3	47	
		Female	0	3	14	10	5	13	6	0	1	2	1	55	
2	RENAL TUBULO-INTERSTITIAL DISEASES(N10-N15)	Male	0	0	0	7	4	9	12	17	8	17	3	77	
		Female	0	0	0	5	5	7	14	19	5	11	1	67	
3	RENAL FAILURE(N17-N19)	Male	0	0	0	50	147	227	358	553	217	615	142	2309	
		Female	0	0	0	47	80	86	169	232	125	293	64	1096	
4	UROLITHIASIS(N20-N23)	Male	0	0	0	0	1	2	0	4	2	0	0	9	
		Female	0	0	0	0	0	0	0	0	1	0	0	1	
5	OTHER DISORDERS OF KIDNEY AND URETER(N25-N28)	Male	0	0	0	3	2	1	8	7	11	14	5	51	
		Female	0	2	0	2	2	1	2	8	4	3	0	24	
6	ALL OTHER DISEASES OF URINARY SYSTEM(N30-N39)	Male	0	0	0	3	7	14	16	47	23	86	11	207	
		Female	0	0	0	3	8	16	12	21	29	61	6	156	
41	OTHER DISEASES OF THE GENITOURINARY SYSTEM(N40-N99)	Male	0	0	0	0	1	8	15	19	7	11	5	66	
		Female	0	0	0	0	2	0	5	1	1	5	0	14	
		Total	0	0	0	0	3	8	20	20	8	16	5	80	
1	HYPERPLASIA OF PROSTATE(N40)	Male	0	0	0	0	0	0	0	0	1	2	0	3	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
2	ALL OTHER DISEASES OF MALE GENITAL ORGANS(N41-N50)	Male	0	0	0	0	1	8	15	19	6	9	5	63	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
3	SALPINGITIS AND OOPHORITIS(N70)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15	
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14			
			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
		Female	0	0	0	0	2	0	5	1	1	5	0	0	14	
XV	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Female	0	0	0	403	360	49	0	0	0	0	0	36	848	
		Total	0	0	0	403	360	49	0	0	0	0	0	36	848	
42	PREGNANCY WITH ABORTIVE OUTCOME (O00-O08)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	16	13	7	0	0	0	0	0	1	37	
		Total	0	0	0	16	13	7	0	0	0	0	0	1	37	
1	SPONTANEOUS ABORTION (O03)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	MEDICAL ABORTION(O04)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	OTHER PREGNANCIES WITH ABORTIVE OUTCOME(O00-O02 & O05-O08)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	16	13	7	0	0	0	0	0	1	37	
43	OTHER DIRECT OBSTETRIC DEATHS (O10-O92)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	338	300	38	0	0	0	0	0	33	709	
		Total	0	0	0	338	300	38	0	0	0	0	0	33	709	
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	0	0
		Female	0	0	0	72	58	11	0	0	0	0	0	19	160	
2	INFECTIONS OF GENITOURINARY TRACT IN PREGNANCY(O23)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	3	0	0	0	0	0	0	0	0	3	
3	OBSTRUCTED LABOUR(O64-O66)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	5	0	0	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	0	0
		Female	0	0	0	95	120	18	0	0	0	0	0	0	233	
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	0	0
		Female	0	0	0	168	117	9	0	0	0	0	0	14	308	
44	OTHER OBSTETRIC CONDITIONS,NOT ELSEWHERE CLASSIFIED(O95-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	49	47	4	0	0	0	0	0	2	102	
		Total	0	0	0	49	47	4	0	0	0	0	0	2	102	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15		
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14			
1	INDIRECT OBSTETRIC DEATHS(O98-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	25	23	2	0	0	0	0	0	2	52	
2	ALL OTHER OBSTETRIC CONDITIONS,NOT ELSEWHERE CLASSIFIED (O95-O97)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	24	24	2	0	0	0	0	0	0	50	
XVI	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	6798	0	0	0	0	0	0	0	0	0	0	0	6798	
		Female	4004	0	0	0	0	0	0	0	0	0	0	0	4004	
		Total	10802	0	0	0	0	0	0	0	0	0	0	0	10802	
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	Male	6798	0	0	0	0	0	0	0	0	0	0	0	6798	
		Female	4004	0	0	0	0	0	0	0	0	0	0	0	4004	
		Total	10802	0	0	0	0	0	0	0	0	0	0	0	10802	
1	SLOW FETAL GROWTH,FETAL MALNUTRITION AND IMMATURITY (P05-P07)	Male	2850	0	0	0	0	0	0	0	0	0	0	0	2850	
		Female	1711	0	0	0	0	0	0	0	0	0	0	0	1711	
2	BIRTH TRAUMA(P10-P15)	Male	4	0	0	0	0	0	0	0	0	0	0	0	4	
		Female	1	0	0	0	0	0	0	0	0	0	0	0	1	
3	HYPOXIA,BIRTH ASPHYXIA AND OTHER RESPIRATORY CONDITIONS(P20-P28)	Male	2421	0	0	0	0	0	0	0	0	0	0	0	2421	
		Female	1363	0	0	0	0	0	0	0	0	0	0	0	1363	
4	HAEMOLYTIC DISEASE OF FETUS AND NEW-BORN (P55)	Male	1	0	0	0	0	0	0	0	0	0	0	0	1	
		Female	1	0	0	0	0	0	0	0	0	0	0	0	1	
5	OTHER PERINATAL JAUNDICE(P58-P59)	Male	45	0	0	0	0	0	0	0	0	0	0	0	45	
		Female	16	0	0	0	0	0	0	0	0	0	0	0	16	
6	ALL OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P04,P08,P29-P5 P56-P57,P60-P96)	Male	1477	0	0	0	0	0	0	0	0	0	0	0	1477	
		Female	912	0	0	0	0	0	0	0	0	0	0	0	912	
XVII	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	823	128	69	0	0	0	0	0	0	0	0	0	1020	
		Female	508	105	63	0	0	0	0	0	0	0	0	0	676	
		Total	1331	233	132	0	0	0	0	0	0	0	0	0	1696	
46	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	823	128	69	0	0	0	0	0	0	0	0	0	1020	
		Female	508	105	63	0	0	0	0	0	0	0	0	0	676	
		Total	1331	233	132	0	0	0	0	0	0	0	0	0	1696	
1	SPINA BIFIDA(Q05)	Male	7	0	0	0	0	0	0	0	0	0	0	0	7	
		Female	13	0	0	0	0	0	0	0	0	0	0	0	13	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2010

MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15	
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
2	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM(Q20-Q28)	Male	498	57	32	0	0	0	0	0	0	0	0	0	587
		Female	323	59	41	0	0	0	0	0	0	0	0	0	423
3	CLEFT LIP AND CLEFT PALATE(Q35-Q37)	Male	2	0	0	0	0	0	0	0	0	0	0	0	2
		Female	1	0	0	0	0	0	0	0	0	0	0	0	1
4	ALL OTHER CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES ELSEWHERE CLASSIFIED(Q00-Q04,Q06-Q07,Q10-Q18,Q30-Q34,Q38-Q99)	Male	316	71	37	0	0	0	0	0	0	0	0	0	424
		Female	171	46	22	0	0	0	0	0	0	0	0	0	239
XVIII	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS,NOT ELSEWHERE CLASSIFIED	Male	0	8	14	38	67	99	117	146	106	576	126	1297	
		Female	0	7	8	36	45	60	59	88	76	563	76	1018	
		Total	0	15	22	74	112	159	176	234	182	1139	202	2315	
47	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	Male	0	8	14	38	67	99	117	146	106	576	126	1297	
		Female	0	7	8	36	45	60	59	88	76	563	76	1018	
		Total	0	15	22	74	112	159	176	234	182	1139	202	2315	
1	ABDOMINAL AND PELVIC PAIN(R10)	Male	0	0	2	0	0	0	4	7	0	2	0	15	
		Female	0	0	3	0	2	0	0	0	0	3	0	8	
2	ASCITES(R18)	Male	0	0	0	0	0	3	1	0	0	0	0	4	
		Female	0	0	0	0	0	0	0	0	1	0	0	1	
3	SOMNOLENCE, STUPOR AND COMA(R40)	Male	0	0	0	0	0	2	0	2	0	0	0	4	
		Female	0	0	0	0	0	4	0	0	0	0	0	4	
4	FEVER OF UNKNOWN ORIGIN(R50)	Male	0	0	0	2	8	10	6	4	3	1	0	34	
		Female	0	3	0	2	2	1	5	0	2	11	0	26	
5	SENILITY(R54)	Male	0	0	0	0	0	0	0	0	19	255	9	283	
		Female	0	0	0	0	0	0	0	0	8	212	0	220	
6	SYNCOPE AND COLLAPSE(R55)	Male	0	0	0	0	0	1	0	0	0	0	0	1	
		Female	0	0	0	0	0	0	0	0	1	0	0	1	
7	CONVULSIONS, NOT ELSEWHERE CLASSIFIED(R56)	Male	0	3	0	3	0	5	3	2	1	0	0	17	
		Female	0	0	0	5	0	3	1	5	2	7	1	24	
8	SHOCK, NOT ELSEWHERE CLASSIFIED(R57)	Male	0	0	0	1	3	3	13	3	4	9	8	44	
		Female	0	0	0	0	9	11	6	1	3	7	4	41	
9	ALL OTHER SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, AND ELSEWHERE CLASSIFIED (R00-R09,R11-R17,R19-R39,R41-R49,R51-R53,R58-R99)	Male	0	5	12	32	56	75	90	128	79	309	109	895	
		Female	0	4	5	29	32	41	47	82	59	323	71	693	

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
			XIX	INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	23	85	163	1076	1461	1177	939	616	215	
		Female	14	61	135	1157	948	554	403	209	99	215	185	3980	
		Total	37	146	298	2233	2409	1731	1342	825	314	587	581	10503	
48	FRACTURES(S02,S12,S22,S32,S42,S52,S62,S72,S82,S92,T10,T12,T02,T08)	Male	0	0	3	10	12	10	8	16	3	29	6	97	
		Female	0	1	0	4	3	1	6	5	3	28	5	56	
		Total	0	1	3	14	15	11	14	21	6	57	11	153	
1	FRACTURE OF SKULL AND FACIAL BONES(S02)	Male	0	0	0	0	0	0	0	1	0	0	0	1	
		Female	0	0	0	1	0	0	0	0	0	0	0	1	
2	FRACTURE OF NECK, THORAX OR PELVIS(S12,S22,S32 & T08)	Male	0	0	0	2	1	1	2	0	0	5	2	13	
		Female	0	0	0	1	0	0	0	0	0	3	1	5	
3	FRACTURE OF UPPER LIMB(S42,S52,S62 & T10)	Male	0	0	0	1	0	2	0	1	0	1	0	5	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
4	FRACTURE OF LOWER LIMB(S72,S82,S92 & T12)	Male	0	0	0	3	2	3	2	11	2	23	3	49	
		Female	0	1	0	0	0	0	5	1	2	25	3	37	
5	FRACTURES INVOLVING MULTIPLE BODY REGIONS AND OF UNSPECIFIED BODY REGION (T02)	Male	0	0	3	4	9	4	4	3	1	0	1	29	
		Female	0	0	0	2	3	1	1	4	1	0	1	13	
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	0	11	6	10	8	10	11	7	7	70	
		Female	0	0	0	3	0	0	1	1	1	9	1	16	
		Total	0	0	0	14	6	10	9	11	12	16	8	86	
50	INTRACRANIAL AND INTERNAL INJURIES INCLUDING NERVES(S04,S06,S14 S26-S27,S34,S36-S37,S44,S54,S64,S74,S84 & S94)	Male	0	6	16	110	121	139	114	86	27	65	30	714	
		Female	0	1	7	14	10	22	27	20	6	18	8	133	
		Total	0	7	23	124	131	161	141	106	33	83	38	847	
51	CRUSHING INJURIES AND TRAUMATIC AMPUTATIONS OF SPECIFIED AND MULTIPLE BODY (S07-S08,S17-S18,S28,S38,S47-S48,S57,S77-S78,S87-S88, S97-S98, T04-T05)	Male	0	0	0	4	3	2	3	2	0	3	2	19	
		Female	0	0	1	3	1	1	1	3	0	1	1	12	
		Total	0	0	1	7	4	3	4	5	0	4	3	31	

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			52	OTHER INJURIES OF SPECIFIED, UNSPECIFIED AND MULTIPLE BODY REGIONS (S00-S01, S15-S16, S19-S21, S25, S29-S31, S35, S39-S41, S45-S46, S449, S51, S55-S6, S59-S61, S65-S66, S69-71, S75-S76, S79-S81, S85-S86, S90-S91, S95-S96 T00-T01, T06, T07, T09, T11, T13-T14)	Male	11	30	67	318	428	401	360	268	
		Female	2	22	39	52	51	85	83	85	34	52	22	527
		Total	13	52	106	370	479	486	443	353	110	226	144	2782
53	EFFECTS OF FOREIGN BODY ENTERING THROUGH NATURAL ORIFICE (T15-T19)	Male	0	1	0	0	1	0	0	0	0	0	1	3
		Female	0	1	0	0	0	0	0	0	0	0	1	2
		Total	0	2	0	0	1	0	0	0	0	0	2	5
54	BURNS AND CORROSIONS(T20-T32)	Male	6	23	14	98	160	134	72	24	7	15	42	595
		Female	4	22	30	605	587	281	177	32	24	63	85	1910
		Total	10	45	44	703	747	415	249	56	31	78	127	2505
55	POISONINGS BY DRUGS AND BIOLOGICAL SUBSTANCES AND TOXIC EFFECTS OF SUBSTANCES CHIEFLY NON-MEDICINAL AS TO SOURCE(T36-T50, T51-T65)	Male	5	19	46	495	687	463	363	199	91	71	167	2606
		Female	7	12	51	437	273	153	102	60	30	35	60	1220
		Total	12	31	97	932	960	616	465	259	121	106	227	3826
56	OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES AND CERTAIN EARLY COMPLICATION OF TRAUMA (T33-T35, T66-T78 & T79)	Male	1	5	16	26	35	15	10	8	0	5	17	138
		Female	1	2	6	39	23	9	6	3	1	7	2	99
		Total	2	7	22	65	58	24	16	11	1	12	19	237
57	COMPLICATIONS OF SURGICAL AND MADICAL CARE NOT ELSEWHERE CLASSIFIED(T80-T88)	Male	0	1	1	4	8	3	0	2	0	3	1	23
		Female	0	0	1	0	0	2	0	0	0	2	0	5
		Total	0	1	2	4	8	5	0	2	0	5	1	28
58	LATE EFFECTS OF INJURIES, OF POISONING AND OF OTHER CONSEQUENCES OF EXTERNAL CAUSES (T90-T98)	Male	0	0	0	0	0	0	1	1	0	0	1	3
		Female	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	1	1	0	0	1	3
XX	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male	23	85	163	1076	1461	1177	939	616	215	372	396	6523
		Female	14	61	135	1157	948	554	403	209	99	215	185	3980
		Total	37	146	298	2233	2409	1731	1342	825	314	587	581	10503
E48	TRANSPORT ACCIDENTS(V01-V99)	Male	8	23	51	294	406	360	337	250	79	169	109	2086
		Female	2	18	37	42	45	79	82	80	23	57	24	489
		Total	10	41	88	336	451	439	419	330	102	226	133	2575
1	RAILWAY ACCIDENTS(V05, V15, V80.6, V81)	Male	0	0	0	3	6	0	1	2	1	1	0	14
		Female	0	0	0	0	0	0	0	1	0	0	0	1
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-	Male	8	23	50	291	399	358	335	248	78	162	109	2061
		Female	2	18	37	42	45	79	82	78	23	57	24	487

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS											TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14	
			3	OTHER ROAD VEHICLE ACCIDENTS(V01,V06,V09.0-V09.1,V10-V11,V16-V18,V80.0-V80.)	Male	0	0	0	0	0	0	1	0	
		Female	0	0	0	0	0	0	0	1	0	0	0	1
4	WATER TRANSPORT ACCIDENTS(V90-V94)	Male	0	0	0	0	1	0	0	0	0	0	0	1
		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,V83-V86,V89.3,V89.9 & V98-V99)	Male	0	0	1	0	0	2	0	0	0	5	0	8
		Female	0	0	0	0	0	0	0	0	0	0	0	0
E49	ACCIDENTAL FALLS(W00-W19)	Male	0	5	6	24	21	19	19	13	3	6	4	120
		Female	0	0	0	1	1	1	6	7	4	4	0	24
		Total	0	5	6	25	22	20	25	20	7	10	4	144
E50	ACCIDENTAL DROWING AND SUBMERSION(W65-W74)	Male	1	3	13	7	12	5	2	3	0	0	8	54
		Female	1	2	1	8	8	8	4	1	0	3	1	37
		Total	2	5	14	15	20	13	6	4	0	3	9	91
E51	EXPOSURE TO SMOKE, FIRE AND FLAMES(X00-X09)	Male	9	28	23	80	151	128	70	26	6	17	43	581
		Female	6	28	47	590	554	274	169	32	24	62	81	1867
		Total	15	56	70	670	705	402	239	58	30	79	124	2448
E52	ACCIDENTAL POISONING BY AND EXPOSURE TO NOXIOUS SUBSTANCES (X40-X49)	Male	1	6	9	184	285	127	95	62	30	14	40	853
		Female	2	1	14	160	79	46	31	15	6	10	10	374
		Total	3	7	23	344	364	173	126	77	36	24	50	1227
E53	INTENTIONAL SELF-HARM(SUICIDE-ATTEMPTED)(X60-X84)	Male	0	0	0	295	400	313	224	117	48	48	123	1568
		Female	0	0	0	297	205	96	57	31	10	17	44	757
		Total	0	0	0	592	605	409	281	148	58	65	167	2325
E54	ASSAULT(HOMICIDE)(X85-Y09)	Male	0	0	1	5	22	15	5	4	2	4	4	62
		Female	0	1	1	6	8	5	1	2	0	3	1	28
		Total	0	1	2	11	30	20	6	6	2	7	5	90
E55	OTHER VIOLENCE(Y10-Y36)	Male	0	0	0	5	1	3	3	0	2	0	0	14
		Female	0	0	0	1	2	0	0	0	1	0	0	4
		Total	0	0	0	6	3	3	3	0	3	0	0	18
1	EVENT OF UNDERTERMINED INTENT(Y10-Y34)	Male	0	0	0	5	1	3	3	0	2	0	0	14
		Female	0	0	0	1	2	0	0	0	1	0	0	4

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MG/ CAT/ 1	CAUSE OF DEATH 2	SEX 3	AGE GROUPS												TOTAL 15
			<1 4	1-4 5	5-14 6	15-24 7	25-34 8	35-44 9	45-54 10	55-64 11	65-69 12	70+ 13	NS 14		
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	0	1	1	2	0	0	1	5	
		Female	0	0	0	0	0	1	0	0	0	2	0	3	
		Total	0	0	0	0	0	2	1	2	0	2	1	8	
1	DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
2	MISADVENTURES DURING SURGICAL AND MEDICAL CARE, ADVERSE INCIDENTS IN DIAGNO	Male	0	0	0	0	0	1	1	2	0	0	1	5	
		Female	0	0	0	0	0	0	0	0	0	2	0	2	
E57	OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY, NOT ELSEWHERE CLASSIFIED (W20-W64, W75-W99, X10-X39, X50-X59)	Male	4	20	60	182	163	206	183	139	45	114	64	1180	
		Female	3	11	35	52	46	44	53	41	31	57	24	397	
		Total	7	31	95	234	209	250	236	180	76	171	88	1577	
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	2	8	29	44	27	30	46	21	11	9	11	238	
		Female	3	6	22	23	22	18	23	17	14	13	10	171	
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	2	12	31	138	136	176	137	118	34	105	53	942	
		Female	0	5	13	29	24	26	30	24	17	44	14	226	
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	
	ALL CAUSES (MAJOR GROUP I TO XIX)	Male	7971	860	953	2414	5213	7772	10968	13505	7331	15590	4274	76851	
		Female	4718	764	834	2911	3644	3586	4967	6393	4273	10490	1916	44496	
		Total	12689	1624	1787	5325	8857	11358	15935	19898	11604	26080	6190	121347	

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2004-2010

Major Group No.	Cause of Death	Sex	YEAR						
			2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10
I	Certain infectious and parasitic diseases	M	6738	6978	7531	8512	8183	8317	8876
		F	3269	3430	3801	4152	4365	4646	5024
		T	10007	10408	11332	12664	12548	12963	13900
II	Neoplasms	M	2813	2764	3163	3291	4117	4594	4367
		F	2255	1878	2358	2238	2940	3219	3200
		T	5068	4624	5521	5529	7057	7813	7567
III	Diseases of the blood & blood forming organs and certain disorders involving the immune mechanism	M	634	749	829	885	999	1005	1018
		F	1106	803	957	916	1024	1049	973
		T	1740	1552	1786	1801	2023	2054	1991
IV	Endocrine, nutritional and metabolic diseases	M	3186	3460	4667	4124	4623	4853	4630
		F	1954	2110	2937	2415	3094	3091	3156
		T	5140	5570	7604	6539	7717	7944	7786
V	Mental and behavioural disorders	M	365	312	195	241	122	100	89
		F	33	30	34	35	24	38	24
		T	398	342	229	276	146	138	113
VI	Diseases of the the nervous system	M	1780	1698	1659	1824	1929	2117	2009
		F	1061	903	1061	1069	1235	1215	1279
		T	2841	2601	2720	2893	3164	3332	3288
VII	Diseases of the eye and adnexa	M	5	1	0	0	2	2	1
		F	1	1	1	0	0	2	0
		T	6	2	1	0	2	4	1
VII	Diseases of the ear and mastoid process	M	1	3	0	3	2	1	0
		F	0	1	0	0	0	3	2
		T	1	4	0	3	2	4	2
IX	Diseases of the circulatory system	M	13871	14387	16478	15947	20910	20847	23941
		F	7093	7691	9430	8661	11569	11769	13304
		T	20964	22078	25908	24608	32479	32616	37245
X	Diseases of the respiratory system	M	3043	3349	4075	4883	5665	5639	6740
		F	1393	1535	2066	2141	2864	2980	3670
		T	4436	4884	6141	7024	8529	8619	1040

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2004-2010

Major Group No.	Cause of Death	Sex	YEAR						
			2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10
XI	Diseases of the digestive system	M	4177	3986	4914	4897	5279	5468	6225
		F	1094	1235	1254	1265	1450	1501	1634
		T	5271	5221	6168	6162	6729	6969	7859
XII	Diseases of the skin and subcutaneous tissue	M	394	342	399	395	464	486	463
		F	207	202	169	198	240	257	225
		T	601	544	568	593	704	743	688
XIII	Diseases of the musculoskeletal system and connective tissue	M	55	48	39	35	51	54	88
		F	65	59	50	31	58	46	66
		T	120	107	89	66	109	100	154
XIV	Diseases of the genitourinary system	M	1439	1611	1773	2101	2302	2446	2766
		F	699	871	1030	1089	1195	1379	1413
		T	2138	2482	2803	3190	3497	3825	4179
XV	Pregnancy, childbirth and the puerperium	M	0	0	0	0	0	0	0
		F	857	574	568	652	649	611	848
		T	857	574	568	652	649	611	848
XVI	Certain conditions originating in the perinatal period	M	5017	4760	4278	5173	5555	6204	6798
		F	2785	3160	2988	3361	3831	4127	4004
		T	7802	7920	7266	8534	9386	10331	10802
XVII	Congenital malformations, deformations & chromosomal abnormalities	M	541	528	618	663	979	1034	1020
		F	292	389	388	486	650	756	676
		T	833	917	1006	1149	1629	1790	1696
XVIII	Symptoms, signs and abnormal clinical & laboratory findings, not elsewhere classified	M	2581	2224	2930	2838	3122	2601	1297
		F	1555	1331	1957	1804	1911	1720	1018
		T	4136	3555	4887	4642	5033	4321	2315
XIX	Injury, poisoning and certain other consequences of external causes	M	5827	5463	5960	7022	7272	7315	6523
		F	3559	2951	3636	3953	4194	3941	3980
		T	9386	8414	9596	10975	11466	11256	10503
All causes		M	52467	52663	59508	62834	71576	73083	76851
		F	29278	29154	34685	34466	41293	42350	44496
		T	81745	81817	94193	97300	112869	115433	121347

TABLE-4 : PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2004 TO 2010

Major Group No.	Cause of Death	Sex	YEAR						
			2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10
I	Certain infectious and parasitic diseases	M	12.84	13.25	12.66	13.55	11.43	11.38	11.55
		F	11.17	11.77	12.05	12.05	10.57	10.97	11.29
		T	12.24	12.72	12.03	13.02	11.12	11.23	11.45
II	Neoplasms	M	5.36	5.25	5.32	5.24	5.75	6.29	5.68
		F	7.70	6.44	6.80	6.49	7.12	7.60	7.19
		T	6.20	5.67	5.86	5.68	6.25	6.77	6.24
III	Diseases of the blood & blood forming organs and certain disorders involving the immune mechanism	M	0.00	1.42	1.39	1.41	1.40	1.38	1.32
		F	3.78	2.75	2.76	2.66	2.48	2.48	2.19
		T	2.13	1.90	1.90	1.85	1.79	1.78	1.64
IV	Endocrine, nutritional and metabolic diseases	M	6.07	6.57	7.84	6.56	6.46	6.64	6.02
		F	6.67	7.24	8.47	7.01	7.49	7.30	7.09
		T	6.29	6.81	8.07	6.72	6.84	6.88	6.42
V	Mental and behavioural disorders	M	0.70	0.59	0.33	0.38	0.17	0.14	0.12
		F	0.11	0.10	0.10	0.10	0.06	0.09	0.05
		T	0.49	0.42	0.24	0.28	0.13	0.12	0.09
VI	Diseases of the the nervous system	M	3.39	3.22	2.79	2.90	2.70	2.90	2.16
		F	3.62	3.10	3.06	3.10	2.99	2.87	2.87
		T	3.48	3.18	2.89	2.97	2.80	2.89	2.71
VII	Diseases of the eye and adnexa	M	0.01	0.00	0.00	0.00	0.00	0.00	0.00
		F	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	0.01	0.00	0.00	0.00	0.00	0.00	0.00
VII	Diseases of the ear and mastoid process	M	0.00	0.01	0.00	0.00	0.00	0.00	0.00
		F	0.00	0.00	0.00	0.00	0.00	0.01	0.00
		T	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IX	Diseases of the circulatory system	M	26.44	27.32	27.69	25.38	29.21	28.53	31.15
		F	24.23	26.38	27.19	25.13	28.02	27.79	29.90
		T	25.65	26.98	27.51	25.29	28.78	28.26	30.69
X	Diseases of the respiratory system	M	5.80	6.36	6.85	7.77	7.91	7.72	8.77
		F	4.76	5.27	5.96	6.21	6.94	7.04	8.25
		T	5.43	5.97	6.52	7.22	7.56	7.47	8.58

TABLE-4 : PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2004 TO 2010

Major Group No.	Cause of Death	Sex	YEAR						
			2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10
XI	Diseases of the digestive system	M	7.96	7.57	8.26	7.79	7.38	7.48	8.10
		F	3.74	4.24	3.62	3.67	3.51	3.54	3.67
		T	6.45	6.38	6.55	6.33	5.96	6.04	6.48
XII	Diseases of the skin and subcutaneous tissue	M	0.75	0.65	0.67	0.63	0.65	0.66	0.60
		F	0.71	0.69	0.49	0.57	0.58	0.61	0.51
		T	0.74	0.66	0.60	0.61	0.62	0.64	0.57
XIII	Diseases of the musculoskeletal system and connective tissue	M	0.10	0.09	0.07	0.06	0.07	0.07	0.11
		F	0.22	0.20	0.14	0.09	0.14	0.11	0.15
		T	0.15	0.13	0.09	0.07	0.10	0.09	0.13
XIV	Diseases of the genitourinary system	M	2.74	3.06	2.98	3.34	3.22	3.35	3.60
		F	2.39	2.99	2.97	3.16	2.89	3.26	3.18
		T	2.62	3.03	2.98	3.28	3.10	3.31	3.44
XV	Pregnancy, childbirth and the puerperium	M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		F	2.93	1.97	1.64	1.89	1.57	1.44	1.91
		T	1.05	0.70	0.60	0.67	0.58	0.53	0.70
XVI	Certain conditions originating in the perinatal period	M	9.56	9.04	7.19	8.23	7.76	8.49	8.85
		F	9.51	10.84	8.61	9.75	9.28	9.74	9.00
		T	9.54	9.68	7.71	8.77	8.32	8.95	8.90
XVII	Congenital malformations, deformations & chromosomal abnormalities	M	1.03	1.00	1.04	1.06	1.37	1.41	1.33
		F	1.00	1.33	1.12	1.41	1.57	1.79	1.52
		T	1.02	1.12	1.07	1.18	1.44	1.55	1.40
XVIII	Symptoms, signs and abnormal clinical & laboratory findings, not elsewhere classified	M	4.92	4.22	4.92	4.52	4.36	3.56	1.69
		F	5.31	4.57	5.64	5.23	4.63	4.06	2.29
		T	5.06	4.35	5.19	4.77	4.46	3.74	1.91
XIX	Injury, poisoning and certain other consequences of external causes	M	11.11	10.37	10.02	11.18	10.16	10.01	8.49
		F	12.16	10.12	10.48	11.47	10.16	9.31	8.94
		T	11.48	10.28	10.19	11.28	10.16	9.75	8.66
	All causes	M	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		F	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		T	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 5 :PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON OF 10TH REVISION OF ICD DURING THE YEAR 2010

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	1.76	35.12	30.85	19.10	19.53	19.45	14.32	10.14	8.62	6.70	12.45	11.55
		Female	2.20	39.40	31.53	13.84	18.88	19.74	13.45	10.48	8.45	6.17	11.01	11.29
		Total	1.92	37.13	31.17	16.23	19.26	19.55	14.05	10.25	8.56	6.48	12.00	11.45
2	NEOPLASMS (C00-D48)	Male	0.01	2.44	5.14	4.76	3.13	3.91	6.97	8.35	7.78	6.66	5.01	5.68
		Female	0.06	1.70	4.08	1.82	3.81	9.17	13.89	12.19	10.41	5.36	7.99	7.19
		Total	0.03	2.09	4.64	3.15	3.41	5.57	9.12	9.58	8.75	6.13	5.93	6.24
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	Male	0.00	5.23	3.25	3.65	2.15	1.84	1.31	1.10	0.82	1.02	2.04	1.32
		Female	0.00	4.19	6.00	4.71	4.42	3.26	2.40	1.50	1.26	1.45	2.87	2.19
		Total	0.00	4.74	4.53	4.23	3.08	2.29	1.65	1.23	0.98	1.19	2.29	1.64
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	2.91	1.26	1.33	2.59	3.55	6.55	8.97	10.86	7.74	5.10	6.02
		Female	0.02	3.80	2.52	2.23	1.78	4.99	8.58	11.61	12.22	9.47	5.90	7.09
		Total	0.01	3.33	1.85	1.82	2.26	4.01	7.18	9.82	11.36	8.44	5.35	6.42
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	0.12	0.35	0.33	0.15	0.08	0.04	0.06	0.05	0.12
		Female	0.00	0.00	0.00	0.14	0.05	0.14	0.12	0.03	0.05	0.03	0.00	0.05
		Total	0.00	0.00	0.00	0.13	0.23	0.27	0.14	0.07	0.04	0.05	0.03	0.09
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	2.18	10.58	14.17	5.05	4.22	3.71	1.89	1.60	1.88	1.88	2.92	2.61
		Female	1.67	9.55	13.07	6.08	4.72	3.46	2.80	1.92	1.64	1.45	3.18	2.87
		Total	1.99	10.10	13.65	5.62	4.43	3.63	2.17	1.70	1.79	1.71	3.00	2.71
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Total	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0.15	2.56	3.99	4.35	15.52	22.58	33.09	39.87	43.80	47.50	36.73	31.15
		Female	0.11	1.96	2.88	2.71	11.33	19.55	29.49	39.75	45.03	52.85	30.95	29.90
		Total	0.13	2.28	3.47	3.46	13.80	21.62	31.97	39.83	44.25	49.65	34.94	30.69
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0.00	12.56	11.54	6.59	7.27	7.76	8.18	9.43	11.25	12.74	9.36	8.77
		Female	0.00	14.66	10.31	7.87	11.09	10.68	9.66	7.88	7.61	8.88	11.22	8.25
		Total	0.00	13.55	10.97	7.29	8.84	8.68	8.64	8.93	9.91	11.19	9.94	8.58

TABLE 5 :PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON OF 10TH REVISION OF ICD DURING THE YEAR 2010

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0.00	2.44	2.94	5.26	12.30	16.61	13.32	9.11	5.74	3.87	9.41	8.10
		Female	0.00	1.44	3.12	3.02	3.29	6.30	5.19	4.63	4.54	2.74	6.68	3.67
		Total	0.00	1.97	3.02	4.04	8.59	13.36	10.79	7.67	5.30	3.41	8.56	6.48
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	0.21	0.70	0.27	0.30	0.69	0.73	1.01	0.83	0.68	0.60
		Female	0.00	0.00	0.12	0.34	0.47	0.50	0.66	0.75	0.70	0.51	0.73	0.51
		Total	0.00	0.00	0.17	0.51	0.35	0.36	0.68	0.74	0.90	0.70	0.69	0.57
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	Male	0.00	0.00	0.00	0.00	0.10	0.13	0.10	0.18	0.14	0.15	0.09	0.11
		Female	0.00	0.00	0.00	0.10	0.16	0.28	0.26	0.22	0.12	0.10	0.21	0.15
		Total	0.00	0.00	0.00	0.06	0.12	0.18	0.15	0.19	0.13	0.13	0.13	0.13
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	0.47	0.84	2.94	3.28	3.41	3.80	4.80	3.67	4.77	3.95	3.60
		Female	0.00	0.65	1.68	2.30	2.80	3.43	4.19	4.40	3.88	3.57	3.76	3.18
		Total	0.00	0.55	1.23	2.59	3.08	3.42	3.92	4.67	3.75	4.29	3.89	3.44
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	13.84	9.88	1.37	0.00	0.00	0.00	0.00	1.88	1.91
		Total	0.00	0.00	0.00	7.57	4.06	0.43	0.00	0.00	0.00	0.00	0.58	0.70
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	Male	85.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.85
		Female	84.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
		Total	85.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.90
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	10.32	14.88	7.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33
		Female	10.77	13.74	7.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52
		Total	10.49	14.35	7.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS,NOT ELSEWHERE CLASSIFIED (R000-R99)	Male	0.00	0.93	1.47	1.57	1.29	1.27	1.07	1.08	1.45	3.69	2.95	1.69
		Female	0.00	0.92	0.96	1.24	1.23	1.67	1.19	1.38	1.78	5.37	3.97	2.29
		Total	0.00	0.92	1.23	1.39	1.26	1.40	1.10	1.18	1.57	4.37	3.26	1.91
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	0.29	9.88	17.10	44.57	28.03	15.14	8.56	4.56	2.93	2.39	9.27	8.49
		Female	0.30	7.98	16.19	39.75	26.02	15.45	8.11	3.27	2.32	2.05	9.66	8.94
		Total	0.29	8.99	16.68	41.93	27.20	15.24	8.42	4.15	2.71	2.25	9.39	8.66
	ALL CAUSES	Male	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		Female	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 6 :PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON OF 10TH REVISION OF ICD DURING THE YEAR 2010

KARNATAKA														
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	1.58	3.40	3.31	5.19	11.47	17.03	17.70	15.43	7.12	11.76	5.99	100.00
		Female	2.07	5.99	5.23	8.02	13.69	14.09	13.30	13.34	7.19	12.88	4.20	100.00
		Total	1.76	4.34	4.01	6.22	12.27	15.97	16.11	14.68	7.14	12.17	5.35	100.00
2	NEOPLASMS (C00-D48)	Male	0.02	0.48	1.12	2.63	3.73	6.96	17.49	25.83	13.05	23.77	4.90	100.00
		Female	0.09	0.41	1.06	1.66	4.34	10.28	21.56	24.34	13.91	17.56	4.78	100.00
		Total	0.05	0.45	1.10	2.22	3.99	8.37	19.22	25.20	13.41	21.14	4.85	100.00
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	Male	0.00	4.42	3.05	8.64	11.00	14.05	14.15	14.64	5.89	15.62	8.55	100.00
		Female	0.00	3.29	5.14	14.08	16.55	12.02	12.23	9.87	5.55	15.62	5.65	100.00
		Total	0.00	3.87	4.07	11.30	13.71	13.06	13.21	12.31	5.73	15.62	7.13	100.00
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	0.54	0.26	0.69	2.92	5.96	15.51	26.16	17.19	26.07	4.71	100.00
		Female	0.03	0.92	0.67	2.06	2.06	5.67	13.50	23.51	16.54	31.46	3.58	100.00
		Total	0.01	0.69	0.42	1.25	2.57	5.84	14.69	25.08	16.93	28.26	4.25	100.00
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	3.37	20.22	29.21	19.10	12.36	3.37	10.11	2.25	100.00
		Female	0.00	0.00	0.00	16.67	8.33	20.83	25.00	8.33	8.33	12.50	0.00	100.00
		Total	0.00	0.00	0.00	6.19	17.70	27.43	20.35	11.50	4.42	10.62	1.77	100.00
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	8.66	4.53	6.72	6.07	10.95	14.34	10.30	10.75	6.87	14.58	6.22	100.00
		Female	6.18	5.71	8.52	13.84	13.45	9.70	10.87	9.62	5.47	11.88	4.77	100.00
		Total	7.69	4.99	7.42	9.09	11.92	12.53	10.52	10.31	6.33	13.53	5.66	100.00
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100.00
		Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0.05	0.09	0.16	0.44	3.38	7.33	15.16	22.49	13.41	30.93	6.56	100.00
		Female	0.04	0.11	0.18	0.59	3.10	5.27	11.01	19.10	14.46	41.67	4.46	100.00
		Total	0.05	0.10	0.17	0.49	3.28	6.59	13.68	21.28	13.79	34.77	5.81	100.00
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0.00	1.60	1.63	2.36	5.62	8.95	13.31	18.89	12.24	29.47	5.93	100.00
		Female	0.00	3.05	2.34	6.24	11.01	10.44	13.08	13.73	8.86	25.40	5.86	100.00
		Total	0.00	2.11	1.88	3.73	7.52	9.47	13.23	17.07	11.05	28.03	5.91	100.00

TABLE 6 :PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON OF 10TH REVISION OF ICD DURING THE YEAR 2010

KARNATAKA														
SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0.00	0.34	0.45	2.04	10.30	20.74	23.47	19.76	6.76	9.69	6.46	100.00
		Female	0.00	0.67	1.59	5.39	7.34	13.83	15.79	18.12	11.87	17.56	7.83	100.00
		Total	0.00	0.41	0.69	2.74	9.68	19.30	21.87	19.42	7.83	11.32	6.74	100.00
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	0.43	3.67	3.02	4.97	16.41	21.38	15.98	27.86	6.26	100.00
		Female	0.00	0.00	0.44	4.44	7.56	8.00	14.67	21.33	13.33	24.00	6.22	100.00
		Total	0.00	0.00	0.44	3.92	4.51	5.96	15.84	21.37	15.12	26.60	6.25	100.00
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0.00	0.00	0.00	0.00	5.68	11.36	12.50	27.27	11.36	27.27	4.55	100.00
		Female	0.00	0.00	0.00	4.55	9.09	15.15	19.70	21.21	7.58	16.67	6.06	100.00
		Total	0.00	0.00	0.00	1.95	7.14	12.99	15.58	24.68	9.74	22.73	5.19	100.00
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	0.14	0.29	2.57	6.18	9.58	15.08	23.43	9.73	26.90	6.11	100.00
		Female	0.00	0.35	0.99	4.74	7.22	8.70	14.72	19.89	11.75	26.54	5.10	100.00
		Total	0.00	0.22	0.53	3.30	6.53	9.28	14.96	22.23	10.41	26.78	5.77	100.00
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	47.52	42.45	5.78	0.00	0.00	0.00	0.00	4.25	100.00
		Total	0.00	0.00	0.00	47.52	42.45	5.78	0.00	0.00	0.00	0.00	4.25	100.00
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Female	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	80.69	12.55	6.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Female	75.15	15.53	9.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	78.48	13.74	7.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS,NOT ELSEWHERE CLASSIFIED (R000-R99)	Male	0.00	0.62	1.08	2.93	5.17	7.63	9.02	11.26	8.17	44.41	9.71	100.00
		Female	0.00	0.69	0.79	3.54	4.42	5.89	5.80	8.64	7.47	55.30	7.47	100.00
		Total	0.00	0.65	0.95	3.20	4.84	6.87	7.60	10.11	7.86	49.20	8.73	100.00
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	0.35	1.30	2.50	16.50	22.40	18.04	14.40	9.44	3.30	5.70	6.07	100.00
		Female	0.35	1.53	3.39	29.07	23.82	13.92	10.13	5.25	2.49	5.40	4.65	100.00
		Total	0.35	1.39	2.84	21.26	22.94	16.48	12.78	7.85	2.99	5.59	5.53	100.00
	ALL CAUSES	Male	10.37	1.12	1.24	3.14	6.78	10.11	14.27	17.57	9.54	20.29	5.56	100.00
		Female	10.60	1.72	1.87	6.54	8.19	8.06	11.16	14.37	9.60	23.58	4.31	100.00
		Total	10.46	1.34	1.47	4.39	7.30	9.36	13.13	16.40	9.56	21.49	5.10	100.00

Table - 7 : Percentage distribution of Medically Certified Deaths due to Tuberculosis, Diabetes Mellitus and Ischaemic Heart Diseases from 2004-2010

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
2004	7.25	5.28	6.55	5.35	5.60	5.44	10.41	7.87	9.50	64.18	35.82	100.00
2005	7.55	5.34	6.77	5.80	6.29	5.98	11.80	9.70	11.05	64.37	35.63	100.00
2006	6.40	4.54	5.72	7.21	7.64	7.37	13.05	11.23	12.38	63.18	36.82	100.00
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

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

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

MEDICAL CERTIFICATE OF CAUSE OF DEATH

Direction for completing the form No.4/4A

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES

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

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

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

NATIONAL LIST BASED ON ICD-10

Major Groups I to XIX :

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

&

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

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

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

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

* Not in use in India

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| <i>2. Sri. B. G. KRISHNAMURTHY</i> | <i>DEPUTY CHIEF REGISTRAR</i> |
| <i>3. Sri. V. RAVI</i> | <i>ASSISTANT CHIEF REGISTRAR</i> |
| <i>3. Smt. G.VANAJAKSHI</i> | <i>ASSISTANT STATISTICAL OFFICER</i> |
| <i>4. Smt. N.YASHODA</i> | <i>ASSISTANT STATISTICAL OFFICER</i> |
| <i>5. Smt.. R.DAKSHAYINI</i> | <i>STATISTICAL INSPECTOR</i> |
| <i>6. Smt..N. CHANDRAVATHI</i> | <i>TYPIST</i> |