

No. DES 26 OF 2013



GOVERNMENT OF KARNATAKA

**REPORT
ON
MEDICAL CERTIFICATION OF
CAUSE OF DEATH
2011**



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

PREFACE

The Report for the year 2011 is the thirty-first 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 1308 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 seven 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: 21.03.2013

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 (WHO) and are supposed to be filled-up by the medical professionals attending to the deceased at the time of terminal illness. Thereafter, these forms are to be sent to the concerned Registrars of Births and Deaths for onward transmission to the Chief Registrar Office for tabulation as per National List based on International Classification of Death (ICD). The State subsequently send it to the Office of the Registrar General, India in the form of Statistical Table-9 for consolidation at the National level.

Scope of the report: The report on Medical Certification of Cause of Death – 2011 is based upon 123221 (Males: 78517 and Females: 44704) medically certified deaths (32.03 per cent of total registered deaths) supplied by 1308 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 2011, following are eight leading cause groups of deaths constituting around 88.14 per cent of total deaths:

- I. *Diseases of Circulatory System (29.97 per cent).*
 - II. *Injury, Poisoning and certain other consequences of External causes (11.20 per cent).*
 - III. *Certain Infectious and Parasitic diseases (10.68 per cent).*
 - IV. *Certain condition originating in the perinatal period (9.33 per cent)*
 - V. *Diseases of the Respiratory System (7.90 per cent).*
 - VI. *Diseases of the Digestive System (6.55 per cent)*
 - VII. *Endocrine, Nutritional and Metabolic Diseases (6.36 per cent).*
 - VIII. *Neoplasm (6.15 per cent).*
- Among the “Diseases of the circulatory system” deaths, “*Ischemic Heart Diseases*” (IHD) account for the highest number of deaths (41.03 per cent). Around every 12th medically certified death has been reported to be caused by Ischemic Heart Disease alone. [Chapter-III, Statement-6]
 - The second leading cause group “*Injury, Poisoning and certain other consequences of External causes*” has a major constituent “*Poisonings by drugs and Biological substances and Toxic effects of substances chiefly non-medicinal as to source*” contributing around 36.48 per cent of the total deaths under this cause group and 4.15 per cent of total medically certified deaths. [Chapter-III, Statement-8]
 - The major group “*Certain Infectious and Parasitic Diseases*” which is the third leading cause of death is mainly constituted by “*Respiratory Tuberculosis and septicemia*”. Under this major group, the share of these two diseases are 33.78 per cent and 19.14 percent respectively. The Respiratory Tuberculosis alone accounts for 3.67 per cent of the total medically certified deaths. [Chapter-III, Statement-11]
 - The fourth leading group “*Certain conditions originating in the perinatal period*” accounting for 9.48 per cent of the total medically certified deaths. “*Slow fetal growth, fetal malnutrition and immaturity*” accounts for 41.81 per cent of the deaths under the group and 3.96 percent of total medically certified deaths. [Chapter-III, Statement-13]

- The major group “*Diseases of the Respiratory System*” is the fifth leading cause “*Other Lower Respiratory Disorders*” accounting for around 34.23 per cent of the total deaths. The other major cause in this group is “*Pneumonia*” Causing 25.03 per cent of death, under total medically certified deaths, “*Pneumonia*” alone accounts for 2.01 per cent. [Chapter-III, Statement-14]
- The major group comprising “*Diseases of Digestive System*” is the sixth leading cause accounting for 6.65 per cent of the total medically certified deaths. Among the deaths due to disorders of digestive system “*Diseases of the Liver*” alone accounts for 66.52 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 6.46 per cent of the total medically certified deaths. Under this cause group, “*Diabetes Mellitus*” group alone accounts for 86.61 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 6.25 per cent of the total medically certified deaths, of which “*Malignant Neoplasm of digestive organs*” accounts for 26.47 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 (15.32%). [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 87.81 per cent of infant deaths have been reported to be caused by ‘*Certain conditions originating in the perinatal period*’.
- Among the children aged 1-4 years “*Congenital Malformations, Deformations and Chromosomal Abnormalities*” have taken the highest toll of 29.62 per cent. In the age group 5-14 years “*Certain Infectious and Parasitic Diseases*” this cause claimed the topmost position with the share of 23.67 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 45.81 per cent and 33.72 per cent respectively. It implies that these age-group of youth and adolescent are more vulnerable to injuries and poisoning related deaths.

- In the age-group 35-44 years, the first two leading causes “*Diseases of Circulatory System*” and “*Injury, Poisoning and certain other consequences of External causes*” are having shares of 23.39 and 18.97 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 31.82 per cent to 47.65 per cent.
- The highest number of deaths (27508 i.e., 22.32 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 63.72 per cent and 36.28 per cent respectively. [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, Endocrine, Nutritional and Metabolic diseases and Diseases of 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 5.56 per cent. On the contrary, the percentage of female digestive system deaths to total female medically certified deaths is just 3.60 per cent as compared to the corresponding male figure of 8.24 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 2011, 1308 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 2011, 79 percent of institutional and non-institutional medically certified death events to the 155921 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 – 2011

Sl.No	District	No.of Hospitals	Male	Female	Total	% to total deaths
1	Bagalkote	60	1955	1135	3090	2.5
2	Bangalore(U)	402	22641	13694	36335	29.5
3	Bangalore(R)	14	432	297	729	0.6
4	Belgaum	66	4689	2089	6778	5.5
5	Bellary	42	3041	1754	4795	3.9
6	Bidar	23	999	601	1600	1.3
7	Bijapur	34	1868	1035	2903	2.4
8	Chamarajanagar	13	340	151	491	0.4
9	Chikballapur	10	360	218	578	0.5
10	Chikmagalur	27	1300	733	2033	1.6
11	Chitradurga	20	1341	710	2051	1.7
12	D.Kannada	87	5982	3041	9023	7.3
13	Davanagere	27	3639	2313	5952	4.8
14	Dharwad	63	4808	3022	7830	6.4
15	Gadag	32	1557	1045	2602	2.1
16	Gulbarga	23	1623	1030	2653	2.2
17	Hassan	21	1520	657	2177	1.8
18	Haveri	18	722	439	1161	0.9
19	Kodagu	14	535	262	797	0.6
20	Kolar	26	1236	757	1993	1.6
21	Koppal	14	452	207	659	0.5
22	Mandya	20	1307	709	2016	1.6
23	Mysore	41	6352	3294	9646	7.8
24	Raichur	18	1366	748	2114	1.7
25	Ramanagar	13	263	142	405	0.3
26	Shimoga	48	2401	1474	3875	3.1
27	Tumkur	38	1599	895	2494	2.0
28	Udupi	49	2630	1422	4052	3.3
29	U.Kannada	45	1559	830	2389	1.0
	Total	1308	78517	44704	123221	100.0

2.5 During 2011, a total of 123221 medically certified deaths were reported, of which 78517 and 44704 pertained to males and females respectively. Among 3545 hospitals in the State 1308 (36.90%) hospitals were covered under Medical Certification of Cause of Death.

Out of 402 hospitals in Bangalore district, the district had reported 36335 deaths covering 29.50 per cent of total deaths.

The next highest number of hospitals (87) in Dakshina Kannada district covered under Medical Certification of Cause of Death accounted for 9023 deaths (7.3 per cent).

Less than 500 deaths were reported in the districts of Chamarajanagar (0.4%) and Ramanagar (0.3%).

Growth in the Medical Certification of Cause of Death :

2.6 The time series data on MCCD for the year 1995 to 2011 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 32.03 per cent during the year 2011. The growth in MCCD during the last 17 years is given in **Statement-2** and is highlighted in the **Chart-1**.

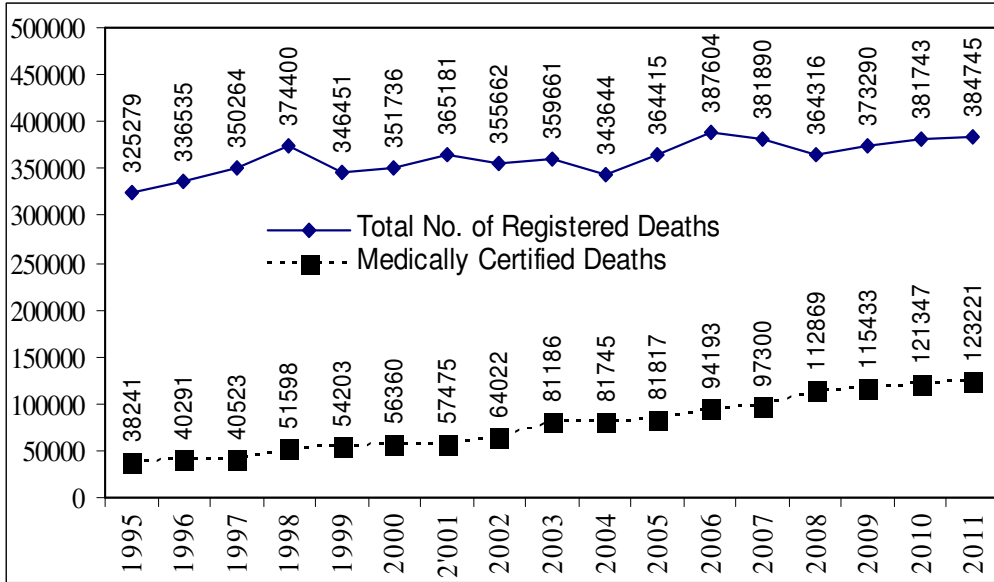
Statement - 2

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
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	381743	121347	31.79
2011	384745	123221	32.03

Chart – 1

Growth in MCCD in Karnataka 1995-2011



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 1308 hospitals by age, sex and major cause groups. During 2011, a total of 123221 medically certified deaths were reported, of which 78517 and 44704 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

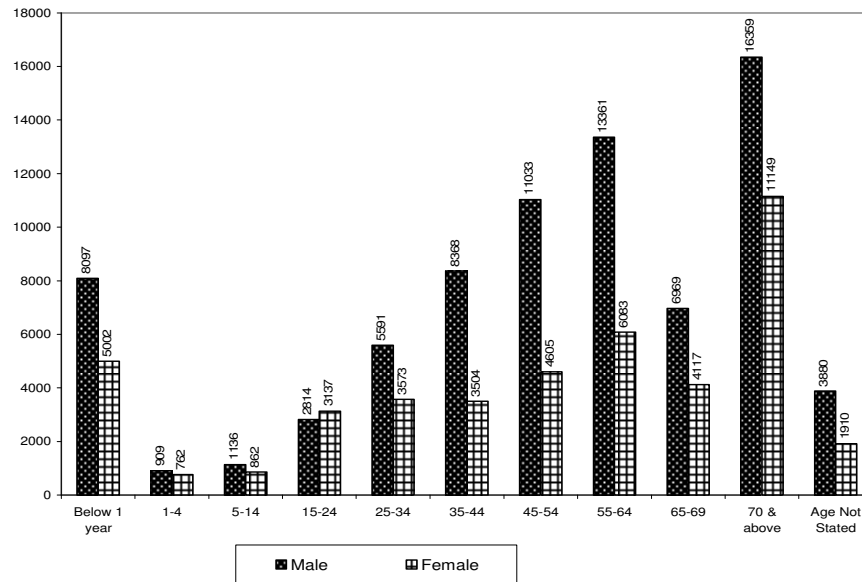
Age and Sex Distribution of Medically Certified Deaths – 2011

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	8097	10.31	6.57	5002	11.19	4.06	13099	10.63
2	1-4	909	1.16	0.74	762	1.70	0.62	1671	1.36
3	5-14	1136	1.45	0.92	862	1.93	0.7	1998	1.62
4	15-24	2814	3.58	2.28	3137	7.02	2.55	5951	4.83
5	25-34	5591	7.12	4.54	3573	7.99	2.9	9164	7.44
6	35-44	8368	10.66	6.79	3504	7.84	2.84	11872	9.63
7	45-54	11033	14.05	8.95	4605	10.30	3.74	15638	12.69
8	55-64	13361	17.02	10.84	6083	13.61	4.94	19444	15.78
9	65-69	6969	8.88	5.66	4117	9.21	3.34	11086	9.00
10	70 & above	16359	20.83	13.28	11149	24.94	9.05	27508	22.32
11	Age Not Stated	3880	4.94	3.15	1910	4.27	1.55	5790	4.70
	Total	78517	100.00	63.72	44704	100.00	36.28	123221	100.00

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

Chart - 2

DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE AND SEX UNDER MCCD – 2011



3.2 Statement-3 indicates the contribution of male and female deaths in the total medically certified cases were reported to be 63.72 per cent and 36.28 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 51.90 per cent of deaths. Age group 35-44 years also had a significant place with 10.66 per cent. Infant deaths occupied the 5th place (10.31 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 38.55 per cent deaths. Infant deaths took 3rd position with 11.19 per cent, 22.85 per cent deaths were from the prime age group of 15-44 years. Least vulnerable was again in the age group 1-4 years.

3.3 The eight leading cause groups of deaths viz., *Diseases of the circulatory system (I00-I99)*, *Injury, Poisoning and certain other consequences of external causes (S00-T98)*, *Certain Infectious and Parasitic Diseases (A00-B99)*, *Certain conditions originating in the perinatal period (P00-P96)*, *Diseases of the Respiratory System (J00-J98)*, *Diseases of the Digestive System (K00-K92)*, *Endocrine, Nutritional and Metabolic Diseases (E00-E89)* and *Neoplasm (C00-D48)* had taken together account for about 88.15 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-2011

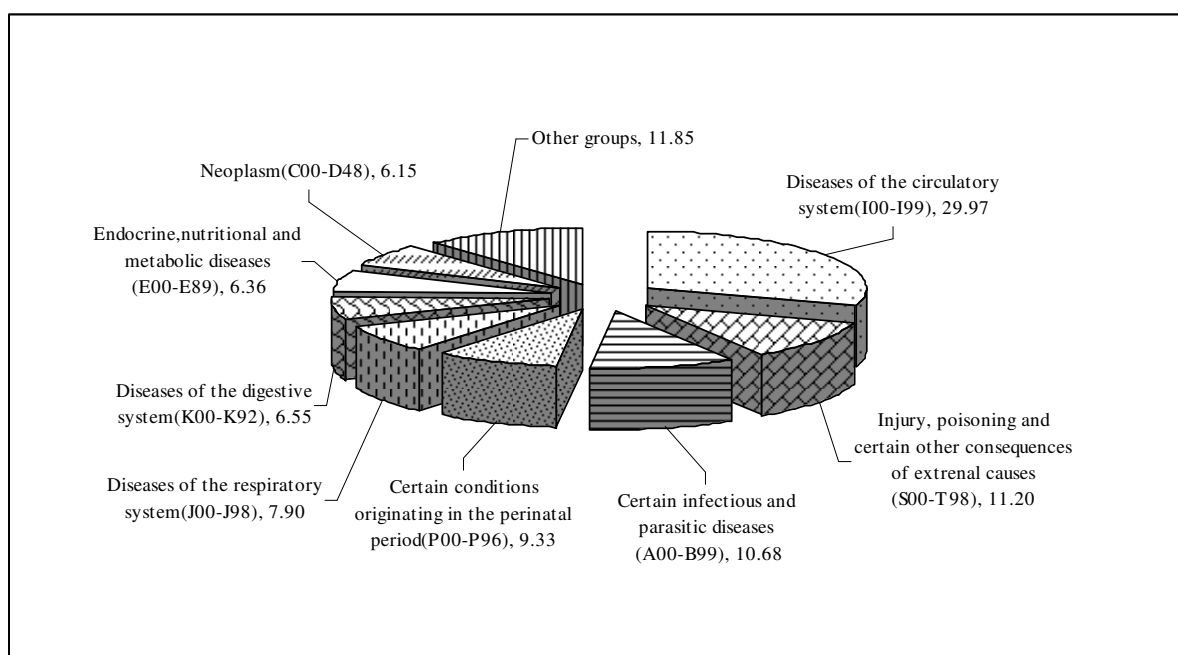
Sl. No	Cause of Death	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	23749	30.25	13184	29.49	36933	29.97
2	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	8861	11.29	4940	11.05	13801	11.20
3	Certain infectious and Parasitic Diseases (A00-B99)	8477	10.80	4689	10.49	13166	10.68
4	Certain conditions originating in the Perinatal period (P00-P96)	7090	9.03	4412	9.87	11502	9.33
5	Diseases of the Respiratory system(J00-J98)	6451	8.22	3280	7.34	9731	7.90
6	Diseases of the digestive system(K00-K92)	6466	8.24	1608	3.60	8074	6.55
7	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	4599	5.86	3237	7.24	7836	6.36
8	Neoplasm(C00-D48)	4366	5.56	3213	7.19	7579	6.15
9	Other groups	8458	10.77	6141	13.74	14599	11.85
	Total	78517	100.00	44704	100.00	123221	100.00

3.4 Among the leading cause groups, *‘Diseases of Circulatory System’* constitute the maximum i.e. *29.97 per cent* of total medically certified deaths, followed by *‘Injury, Poisoning and Certain Other Consequences of External Causes’11.20 per cent*, *‘Certain Infectious and Parasitic Diseases’ 10.68 per cent* and *‘Certain conditions originating in the perinatal period’ constitute 9.33 per cent* of total medically certified deaths, followed by *7.90 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. In respect of eight leading causes of death the gender difference is not significant. However, the medically certified male deaths are on a higher side in

case of *'Diseases of Circulatory System', 'Injury, Poisoning and Certain Other Consequences of External Causes', 'Certain Infectious and Parasitic Diseases', 'Diseases of Respiratory System' and 'Diseases of the digestive system'* compared to corresponding female figures. 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 – 2011**



3.5 The percentage distribution of eight major cause groups of death for the period 1995 to 2011 is presented in the **Statement-5**.

Statement – 5

Percentage Distribution of 8 leading Major Cause Groups of Deaths during 1995 - 2011

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	Neoplasm	Diseases of the Digestive System	Other Groups	Total
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
2011	29.97	10.68	11.20	9.33	7.90	6.36	6.15	6.55	11.85	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 1995 onwards and basic data on MCCD is for the years 1995 to 2011.

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.

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 7.90 per cent during the period of 1995 to 2011, thus accounting for around 5 to 7 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.

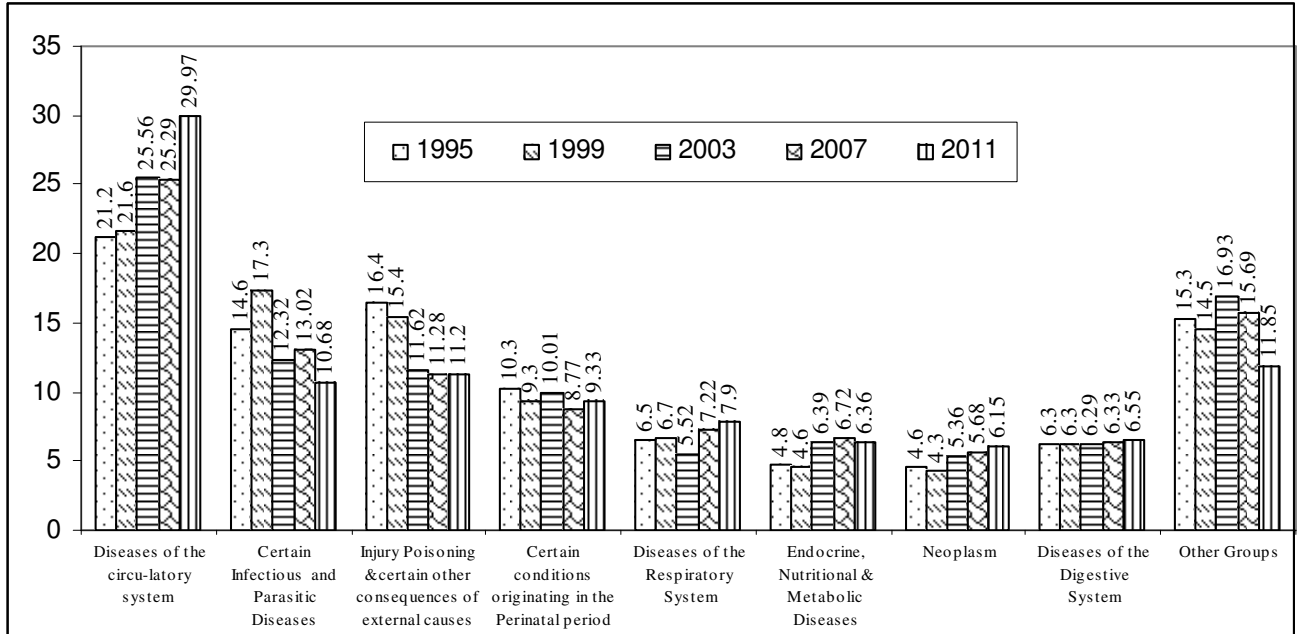
3.5.5 The percentage of deaths due to '*Neoplasms*' has varied from 3.85 per cent to 6.15 per cent over the years. In 2011, the percentage of medically certified deaths due to '*Diseases of Digestive System*' is 6.55 as against 7.25 in 2000. The share of deaths due to this cause has an average of 6 per cent since 1995 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 1995.

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 1995, 1997, 2001, 2005 and 2011.

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):

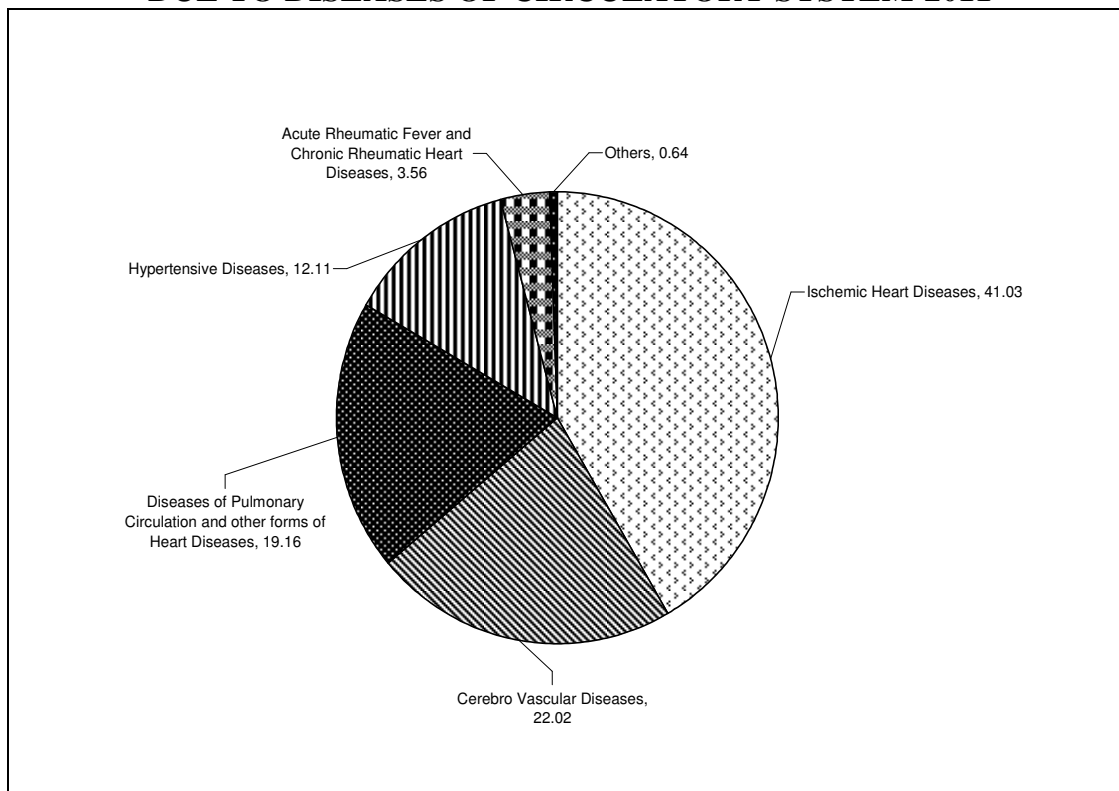
It is the topmost ranking major group of disease, constituting 30.44 per cent of total medically certified deaths. It accounts for 30.90 per cent of males and 29.63 per cent of female deaths in their respective totals of medically certified deaths. The distribution of major components under this cause 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-2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Ischemic Heart Diseases	10028	42.22	5127	38.89	15155	41.03	12.30
2	Cerebro Vascular Diseases	5394	22.71	2740	20.78	8134	22.02	6.70
3	Diseases of Pulmonary Circulation and other forms of Heart Diseases	4503	18.96	2574	19.52	7077	19.16	5.83
4	Hypertensive Diseases	2683	11.3	1789	13.57	4472	12.11	3.69
5	Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases	625	2.63	690	5.23	1315	3.56	1.08
6	Others	516	0.67	264	0.59	780	0.64	0.65
	Total Medically Certified Deaths due to Diseases of Circulatory System	23749	100	13184	100	36933	100	30.44
	Deaths due to Diseases of Circulatory System as percentage to total medically certified deaths		30.9		29.63		30.44	

Chart – 5
PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS
DUE TO DISEASES OF CIRCULATORY SYSTEM-2011



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 (41.03 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 22.02 per cent of the Circulatory system deaths followed by ‘**Diseases of Pulmonary Circulation and other forms of heart Diseases (19.16 per cent)**’ and ‘**Hypertensive Diseases (12.11 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.

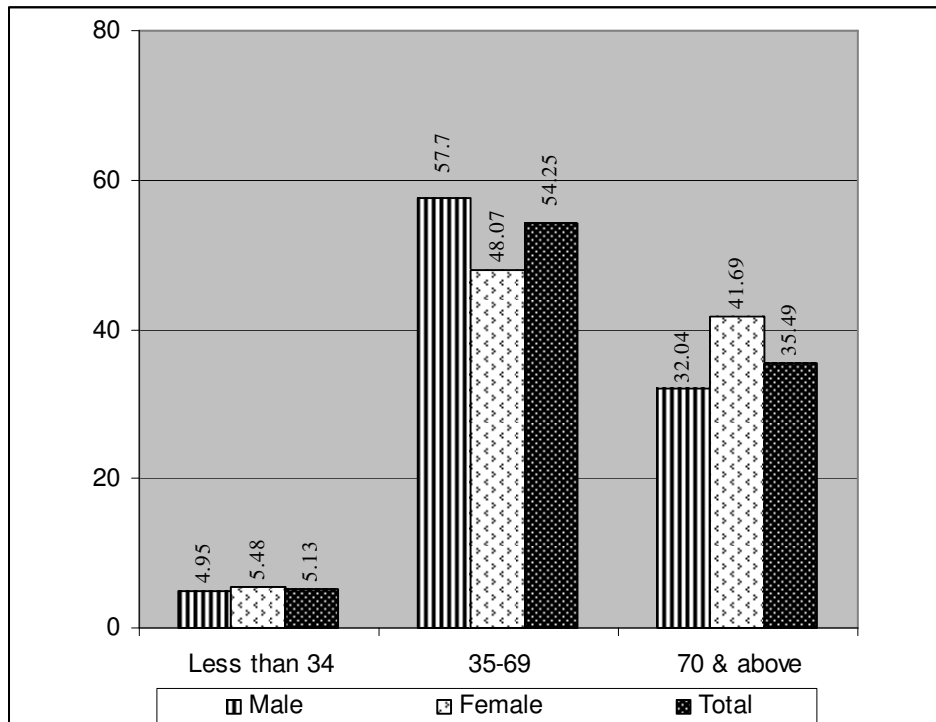
Statement-7

Age Distribution of Deaths Due to Diseases of Circulatory System Under MCCD-2011

Sl.No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	7	0.03	5	0.04	12	0.03
2	1-4	29	0.12	19	0.14	48	0.13
3	5-14	62	0.26	54	0.41	116	0.31
4	15-24	132	0.56	142	1.08	274	0.74
5	25-34	946	3.98	502	3.81	1448	3.92
6	35-44	2003	8.43	774	5.87	2777	7.52
7	45-54	3559	14.99	1417	10.75	4976	13.47
8	55-64	5219	21.98	2275	17.26	7494	20.29
9	65-69	2920	12.30	1871	14.19	4791	12.97
10	70 & above	7610	32.04	5497	41.69	13107	35.49
11	Age Not Stated	1262	5.31	628	4.76	1890	5.12
	Total	23749	100.00	13184	100.00	36933	100.00

Chart - 6

AGE DISTRIBUTION OF DEATHS DUE TO “DISEASES OF CIRCULATORY SYSTEM’ UNDER MCCD - 2011



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

It is the second leading cause group responsible for 11.37 per cent of total medically certified deaths. This has caused 11.53 per cent of male and 11.10 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 36.48 per cent of the total deaths, this is followed by *‘Burns and Corrosions’* (25.15 per cent) and *‘Other Injuries of specified and unspecified and multiple body regions’* with 2827 male and 601 female deaths (24.84 per cent). Death due to Burns and corrosions among females is 46.48 per cent as compared to 13.26 per cent among males, under this major group. The distribution of chief constituents of the major cause group is given in the **Statement-8** and is depicted in **Chart-7**.

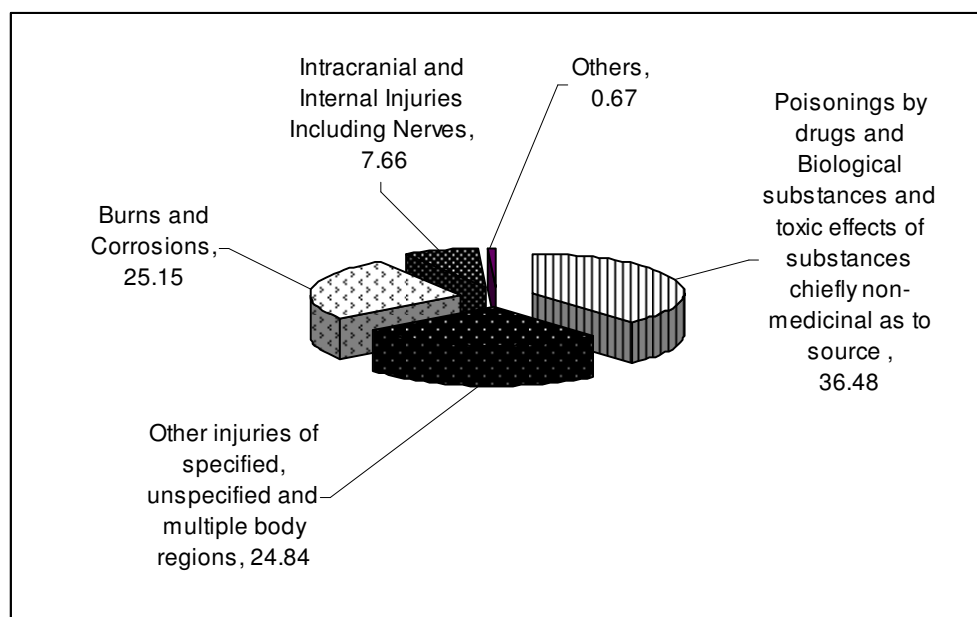
Statement-8

Distribution of Deaths Due to Injury, Poisoning and Certain other Consequences of External causes Under MCCD-2011

Sl. No	Cause of Death	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-medicinal as to source	3366	37.99	1668	33.77	5034	36.48	4.15
2	Burns and Corrosions	1175	13.26	2296	46.48	3471	25.15	2.86
3	Other injuries of specified, unspecified and multiple body regions	2827	31.90	601	12.17	3428	24.84	2.82
4	Intracranial and Internal Injuries Including Nerves	871	9.83	186	3.77	1057	7.66	0.87
5	Others	622	0.81	189	0.42	811	0.67	0.67
	Total Medically Certified Deaths due to Diseases of Injury, Poisoning and Certain other consequences of External causes	8861	100.00	4940	100.00	13801	100.00	11.37
	Deaths due to Injury, Poisoning and Certain other consequences of External causes as percentage to total medically certified deaths.		11.53		11.1		11.37	

Chart - 7

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD – 2011



3.7.1 As revealed from the **Statement-9**, the highest share of deaths (22.39 per cent) is reported for the age group 25-34 years. This is followed by age groups 15-24 years (19.75 per cent) and 35-44 years (16.32 per cent). These three age-groups together accounts for about 58 per cent of deaths, implying that the working age groups is much more prone to deaths due to this major group. Age-groupwise distribution of deaths due to *'Injury, Poisoning and Certain Other Consequences of External Cause'* is presented in **Chart-8**

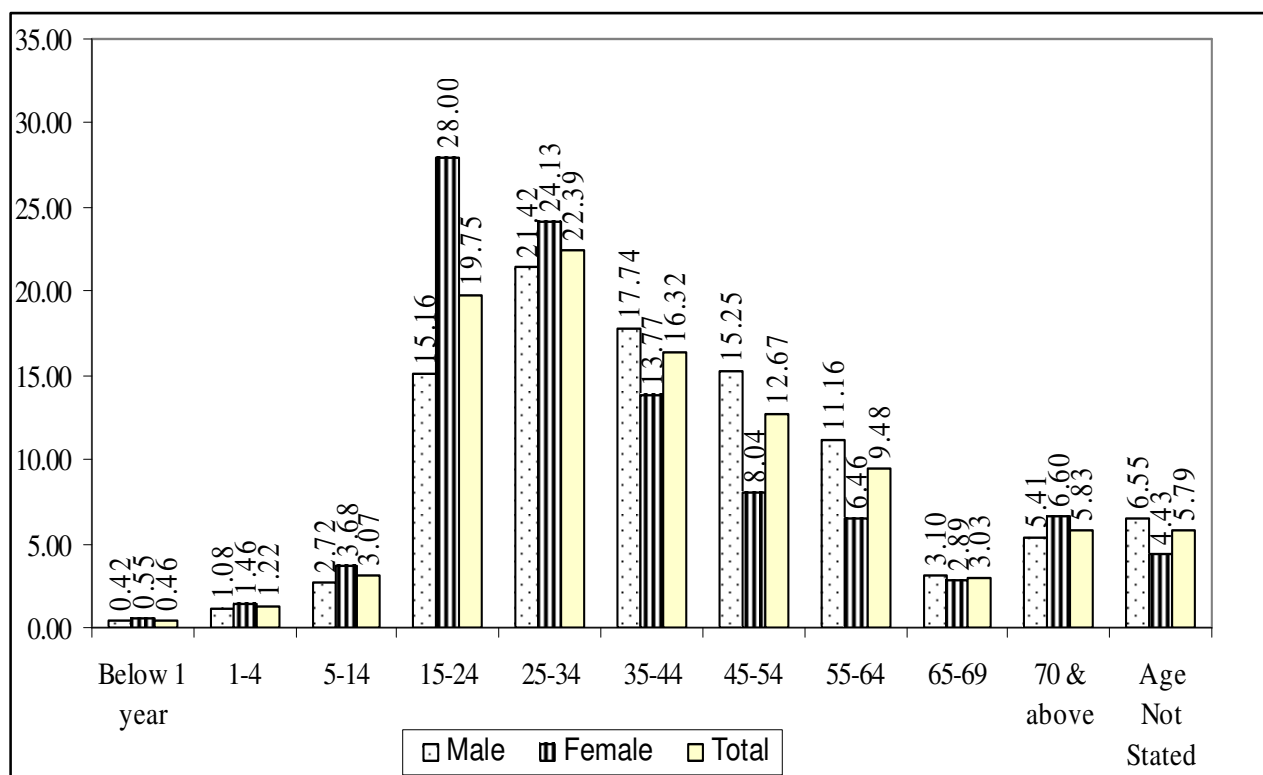
Statement-9

Age Distribution of Deaths Due to Injury, Poisoning and Certain other consequences of External causes Under MCCD-2011

Sl.No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	37	0.42	27	0.55	64	0.46
2	1-4	96	1.08	72	1.46	168	1.22
3	5-14	241	2.72	182	3.68	423	3.07
4	15-24	1343	15.16	1383	28.00	2726	19.75
5	25-34	1898	21.42	1192	24.13	3090	22.39
6	35-44	1572	17.74	680	13.77	2252	16.32
7	45-54	1351	15.25	397	8.04	1748	12.67
8	55-64	989	11.16	319	6.46	1308	9.48
9	65-69	275	3.10	143	2.89	418	3.03
10	70 & above	479	5.41	326	6.60	805	5.83
11	Age Not Stated	580	6.55	219	4.43	799	5.79
	Total	8861	100.00	4940	100.00	13801	100.00

Chart – 8

AGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD-2011



3.7.2 Further analysis of deaths due to *‘Injury, Poisonings and Certain Other Consequences of External Causes’*, reveals that the absolute number of reported deaths caused by *‘Burns and Corrosion’* in case of females is more than one and a half (1½) times to that of males. As detailed in the **Statement-10**, the highest number of deaths due to *‘Burns and Corrosion’* is concentrated in the age group 15-44 years, constituting around 70.53 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 60 per cent and 47 per cent respectively.

Statement-10

Age Distribution of Deaths Due to Injury, Poisoning and Certain other consequences of External causes Under MCCD-2011

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-medicinal as to source	Burns and Corrosions	Other injuries of specified, unspecified and multiple body regions
1	Below 1 year	0.40	0.63	0.41
2	1-4	0.95	1.67	1.25
3	5-14	2.70	3.23	3.09
4	15-24	21.04	25.47	13.77
5	25-34	22.63	29.56	16.80
6	35-44	16.61	15.50	16.16
7	45-54	13.75	6.57	16.19
8	55-64	8.54	6.63	12.98
9	65-69	2.82	1.35	4.70
10	70 & above	4.03	3.92	8.84
11	Age Not Stated	6.54	5.47	5.81
	Total	100.00	100.00	100.00

3.8. Certain Infectious and Parasitic Diseases (I):

It is the third leading cause group of disease accounting for 10.85 per cent of total medically certified deaths, which constitute 11.03 per cent of male and 10.54 per cent of female medically certified deaths of their respective totals. The distribution of major components under this cause group is shown in the **Statement-11** and is depicted in **Chart-9**.

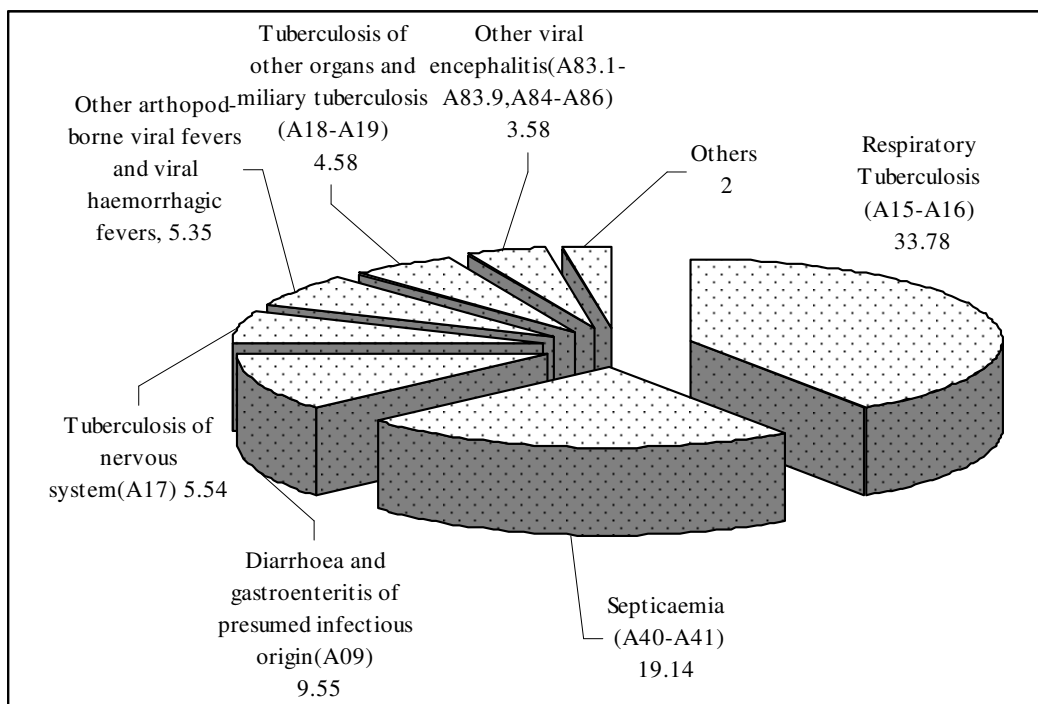
Statement-11

Distribution of Major Causes of Deaths among Certain Infectious and parasitic Diseases Under MCCD-2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Respiratory Tuberculosis (A15-A16)	3235	38.16	1213	25.87	4448	33.78	3.67
2	Septicaemia (A40-A41)	1388	16.37	1132	24.14	2520	19.14	2.08
3	Diarrhoea and Gastroenteritis of presumed infectious origin(A09)	713	8.41	544	11.60	1257	9.55	1.04
4	Tuberculosis of Nervous system(A17)	507	5.98	222	4.73	729	5.54	0.60
5	Other arthropod-borne viral fevers and viral haemorrhagic fevers	400	4.72	305	6.50	705	5.35	0.58
6	Tuberculosis of other organs and miliary tuberculosis(A18-A19)	376	4.44	227	4.84	603	4.58	0.50
7	Other viral encephalitis(A83.1- A83.9, A 84- A 86)	275	3.24	196	4.18	471	3.58	0.39
	Others	1583	2.06	850	1.91	2433	2.00	
	Total Medically Certified Deaths due to Infectious and parasitic Disease	8477	100.00	4689	100.00	13166	100.00	10.85
	Deaths due to Infectious and parasitic Diseases as percentage to total Medically Certified Deaths		11.03		10.54		10.85	

Chart – 9

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN INFECTIOUS & PARASITIC DISEASES – 2011



3.8.1 Among the *Certain Infectious and Parasitic Diseases*, ‘*Respiratory Tuberculosis*’ is the highest reported medically certified cause of mortality, constituting around 33.78 per cent followed by ‘*Septicemia*’ (19.14 per cent). Under this group, percentage of Respiratory Tuberculosis deaths in females is 25.87 per cent as against 38.16 per cent of males out of their respective totals. The share of ‘*Diarrhoea & Gastroenteritis of presumed Infectious Origin*’, ‘*Tuberculosis of Nervous System*’, ‘*Other Arthropod Borne Fevers and Viral Haemorrhagic fevers*’, ‘*Tuberculosis of other organs and miliary tuberculosis*’ and ‘*Other Viral Encephalitis*’ in the total deaths under this group are 9.55, 5.54, 5.35, 4.58 and 3.98 per cent respectively.

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

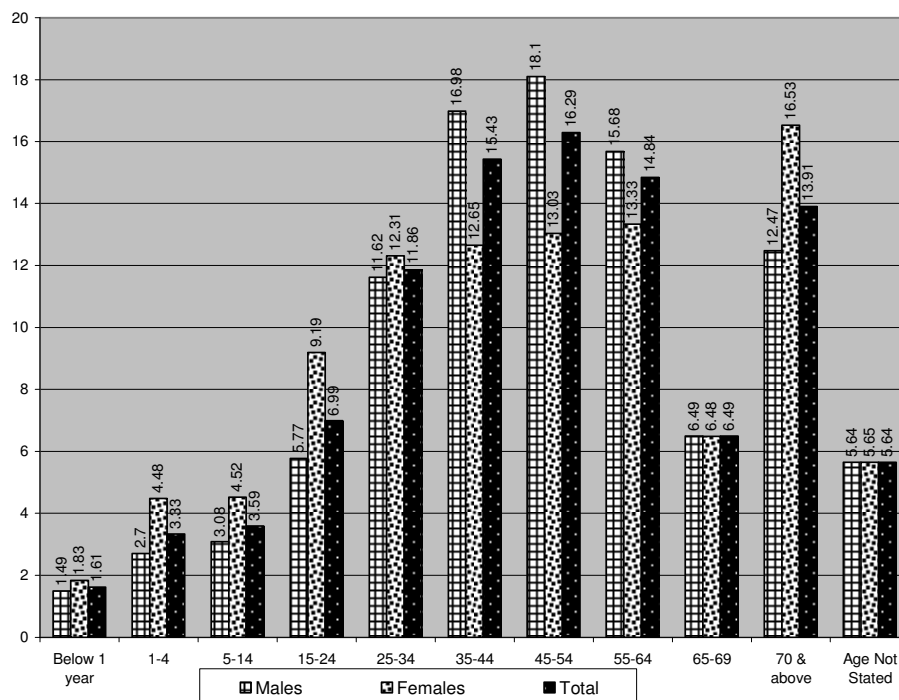
Statement -12

Age Distribution of Deaths Due to Certain Infectious and Parasitic Diseases Under MCCD-2011

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	126	1.49	86	1.83	212	1.61
2	1-4	229	2.70	210	4.48	439	3.33
3	5-14	261	3.08	212	4.52	473	3.59
4	15-24	489	5.77	431	9.19	920	6.99
5	25-34	985	11.62	577	12.31	1562	11.86
6	35-44	1439	16.98	593	12.65	2032	15.43
7	45-54	1534	18.10	611	13.03	2145	16.29
8	55-64	1329	15.68	625	13.33	1954	14.84
9	65-69	550	6.49	304	6.48	854	6.49
10	70 & above	1057	12.47	775	16.53	1832	13.91
11	Age Not Stated	478	5.64	265	5.65	743	5.64
	Total	8477	100.00	4689	100.00	13166	100.00

Chart – 10

AGE DISRIBUTION OF DEATHS DUE TO “CERTAIN INFECTIOUS & PARASITIC DISEASES” UNDER MCCD – 2011



As shown in the **Statement-12**, the highest incidence of deaths (16.29 per cent) is reported for the age group 45-54 years, closely followed by age groups 35-44 years (15.43 per cent) and 55-64 years (14.84 per cent). The age-group 25-64 years has contributed to around 58.42 per cent of total deaths under the cause group ‘*Certain Infectious an Parasitic Diseases*’

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

The group of diseases relating to ‘*Certain conditions originating in the Perinatal Period*’ is the fourth leading cause of death, accounting 9.48 per cent of the total medically certified deaths. This has contributed to 9.23 per cent of male and 9.92per cent of female medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-13** and is portrayed in the **Chart-11**

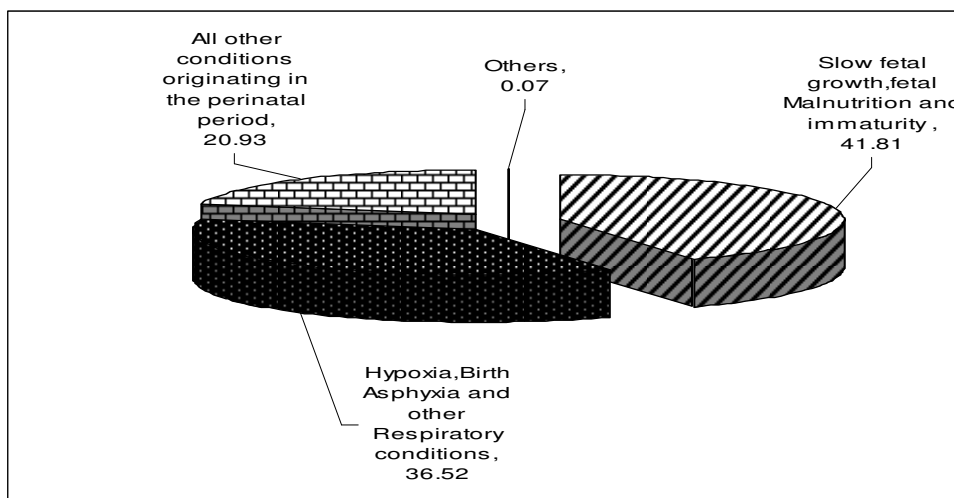
Statement – 13

Distribution of Major Causes of Deaths Due to Certain Conditions Originating in the Perinatal Period under MCCD – 2011

Sl. No	Cause of death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Slow fetal growth,fetal Malnutrition and immaturity	2992	42.20	1817	41.18	4809	41.81	3.96
2	Hypoxia,Birth Asphyxia and other Respiratory conditions	2544	35.88	1657	37.56	4201	36.52	3.46
3	All other conditions originating in the perinatal period	1499	21.14	908	20.58	2407	20.93	1.98
4	Others	55	0.07	30	0.07	85	0.07	0.08
	Total Medically Certified Deaths due to Certain Conditions Originating in Perinatal Period	7090	100.00	4412	100.00	11502	100.00	9.48
	Deaths due to Certain Conditions Originating in the perinatal period as percentage to total Medically Certified Deaths		9.23		9.92		9.48	

Chart – 11

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN CONDITIONS ORIGINATING IN PERINATAL PERIOD – 2011



3.10 Diseases of the Respiratory System (X):

The major group of Diseases of Respiratory System is the fifth leading cause, responsible for 8.02 per cent of the total medically certified deaths. This has contributed to 8.39 per cent of male and 7.37 per cent of female deaths. The distribution of chief constituents of the major cause group is given **Statement-14** and is presented in **Chart-12**.

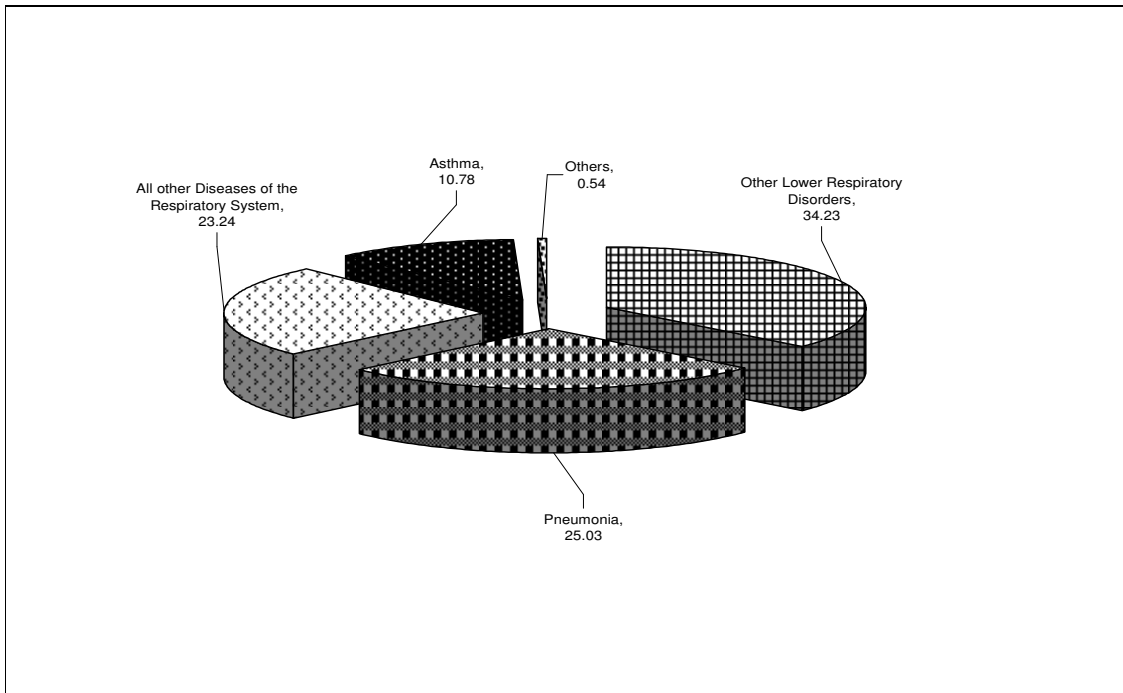
Statement - 14

Distribution of Deaths due to Diseases of Respiratory System under MCCD-2011

Sl. No	Cause of death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Lower Respiratory Disorders	2436	37.76	895	27.29	3331	34.23	2.75
2	Pneumonia	1516	23.50	920	28.05	2436	25.03	2.01
3	All other Diseases of the Respiratory System	1459	22.62	802	24.45	2261	23.24	1.86
4	Asthma	626	9.70	423	12.90	1049	10.78	0.86
5	Others	414	0.54	240	0.54	654	0.54	0.54
	Total Medically Certified Deaths due to Diseases of Respiratory System	6451	100.00	3280	100.00	9731	100.00	8.02
	Deaths due to Diseases of Respiratory system as percentage to total medically certified deaths		8.39		7.37		8.02	

Chart – 12

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD-2011



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 25.03 per cent of the deaths. *‘All other Diseases of the Respiratory System’* has caused 23 out of every hundred reported deaths. The percentage share of Pneumonia to the total medically certified deaths is 2.01 percent with the corresponding share of Asthma being 0.86 per cent. The age composition of deaths due to ‘Diseases of Respiratory System’ is presented in **Statement-15** and is highlighted in **Chart-13**.

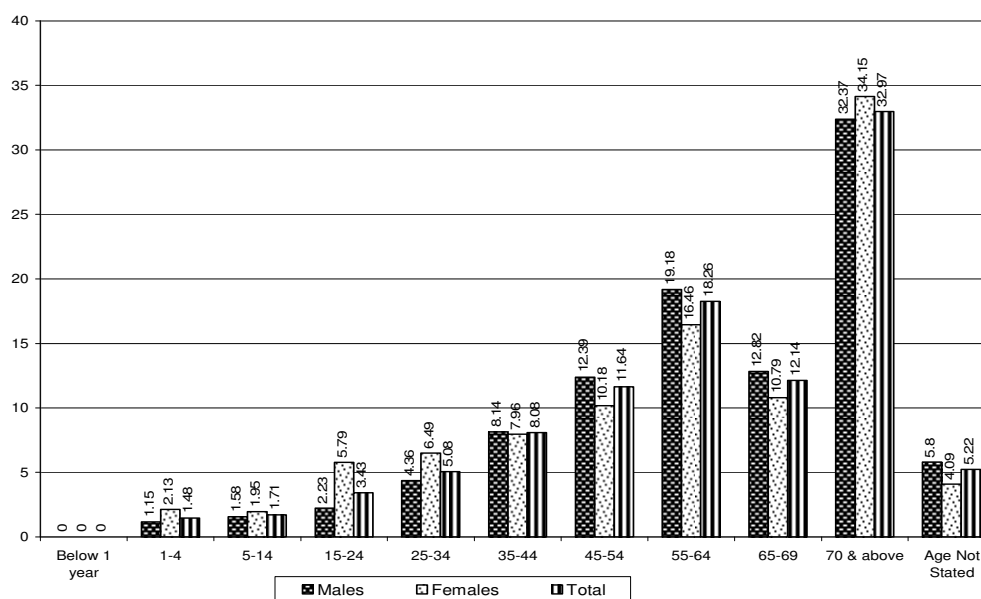
Statement - 15

Age Distribution of Deaths Due to Diseases of Respiratory System Under MCCD-2011

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	74	1.15	70	2.13	144	1.48
3	5-14	102	1.58	64	1.95	166	1.71
4	15-24	144	2.23	190	5.79	334	3.43
5	25-34	281	4.36	213	6.49	494	5.08
6	35-44	525	8.14	261	7.96	786	8.08
7	45-54	799	12.39	334	10.18	1133	11.64
8	55-64	1237	19.18	540	16.46	1777	18.26
9	65-69	827	12.82	354	10.79	1181	12.14
10	70 & above	2088	32.37	1120	34.15	3208	32.97
11	Age Not Stated	374	5.80	134	4.09	508	5.22
	Total	6451	100.00	3280	100.00	9731	100.00

Chart - 13

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD-2011



3.10.2 The age group '70 and above years' has reported maximum incidence of deaths (32.97 per cent) under the major cause group followed by the age group '55-64 years' with 18.26 per cent of deaths due to 'Diseases of Respiratory system'. The children of age group 0-4 have contributed to only 1.48 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 75 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. 16.36 per cent for females compared to 9.32 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 6.65 per cent of the total medically certified deaths with 8.41 per cent of male and 3.61 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**.

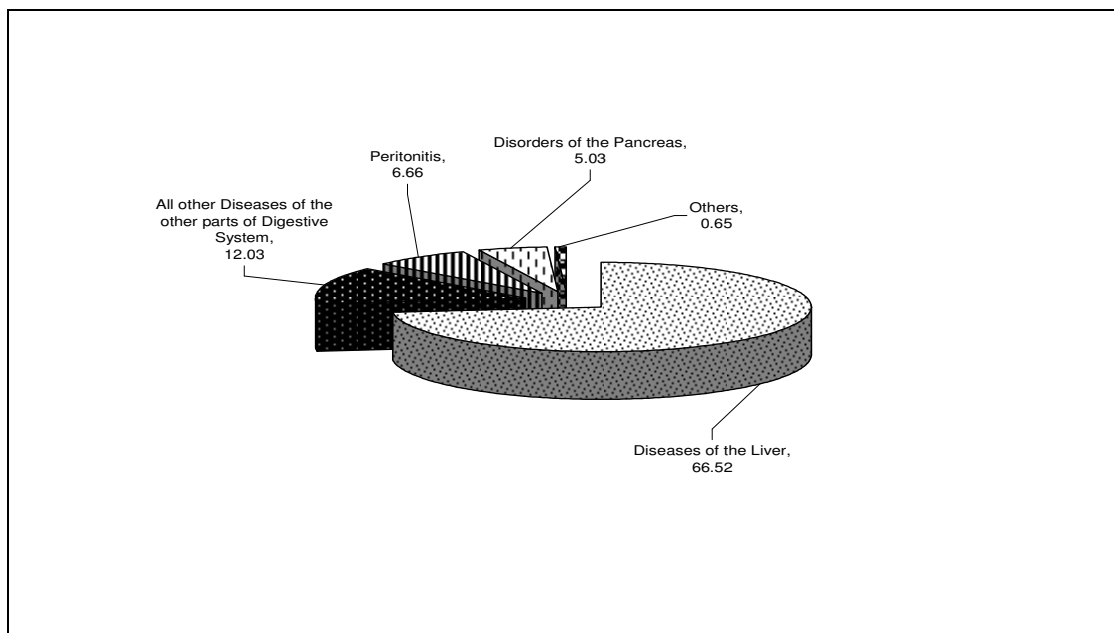
Statement – 16

Distribution of Major Causes of Deaths Due to Digestive System under MCCD – 2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diseases of the Liver	4516	69.84	855	53.17	5371	66.52	4.43
2	All other Diseases of the other parts of Digestive System	700	10.83	271	16.85	971	12.03	0.8
3	Peritonitis	383	5.92	155	9.64	538	6.66	0.44
4	Disorders of the Pancreas	333	5.15	73	4.54	406	5.03	0.33
5	Others	534	0.69	254	0.57	788	0.65	0.65
	Total Medically Certified Deaths due to Digestive System	6466	100.00	1608	100.00	8074	100.00	6.65
	Deaths due to Diseases of Digestive System as percentage to total medically certified deaths		8.41		3.61		6.65	

CHART – 14

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DIGESTIVE SYSTEM UNDER MCCD – 2011



3.11.1 Among the deaths due to disorders of digestive system, *‘Diseases of the Liver’* account for 66.52 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 12.03 per cent and 6.66 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 (21.93 per cent) under the major group *‘Diseases of Digestive System’*. As high as 89.35 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..**

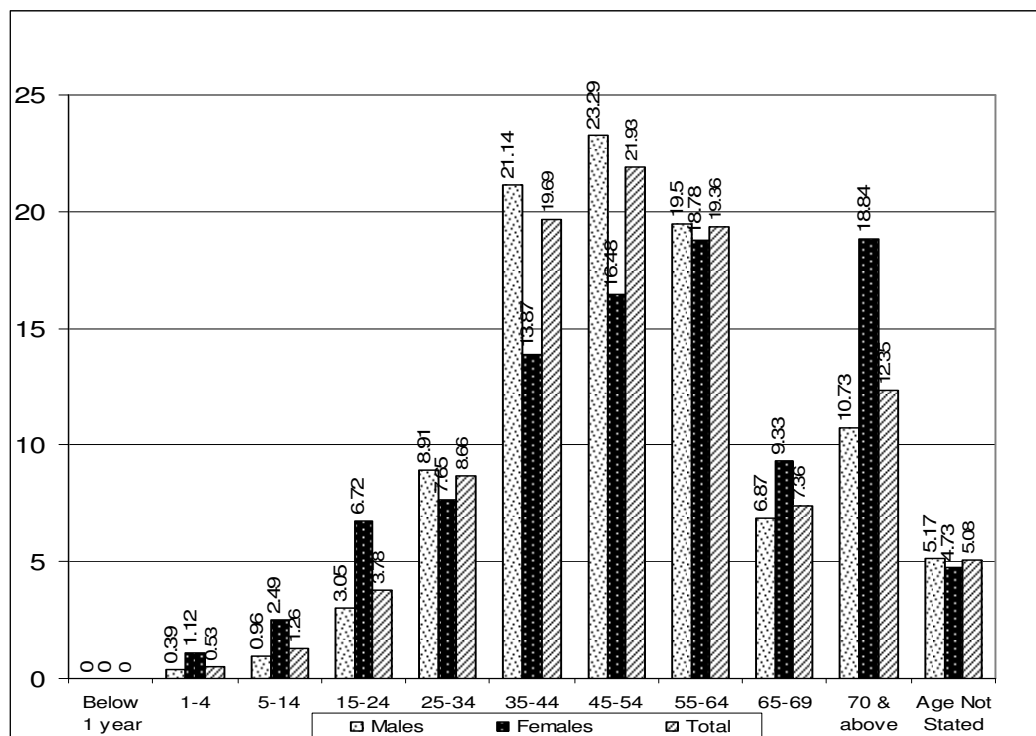
Statement – 17

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	0	0	0	0
2	1-4	25	0.39	18	1.12	43	0.53
3	5-14	62	0.96	40	2.49	102	1.26
4	15-24	197	3.05	108	6.72	305	3.78
5	25-34	576	8.91	123	7.65	699	8.66
6	35-44	1367	21.14	223	13.87	1590	19.69
7	45-54	1506	23.29	265	16.48	1771	21.93
8	55-64	1261	19.5	302	18.78	1563	19.36
9	65-69	444	6.87	150	9.33	594	7.36
10	70 & above	694	10.73	303	18.84	997	12.35
11	Age Not Stated	334	5.17	76	4.73	410	5.08
	Total	6466	100.00	1608	100.00	8074	100.00

CHART - 15

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF DIGESTIVE SYSTEM UNDER MCCD-2011



3.12 Endocrine, Nutritional and Metabolic Diseases (IV) : This is the seventh leading cause group has contributed to 6.46 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 86.61 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**.

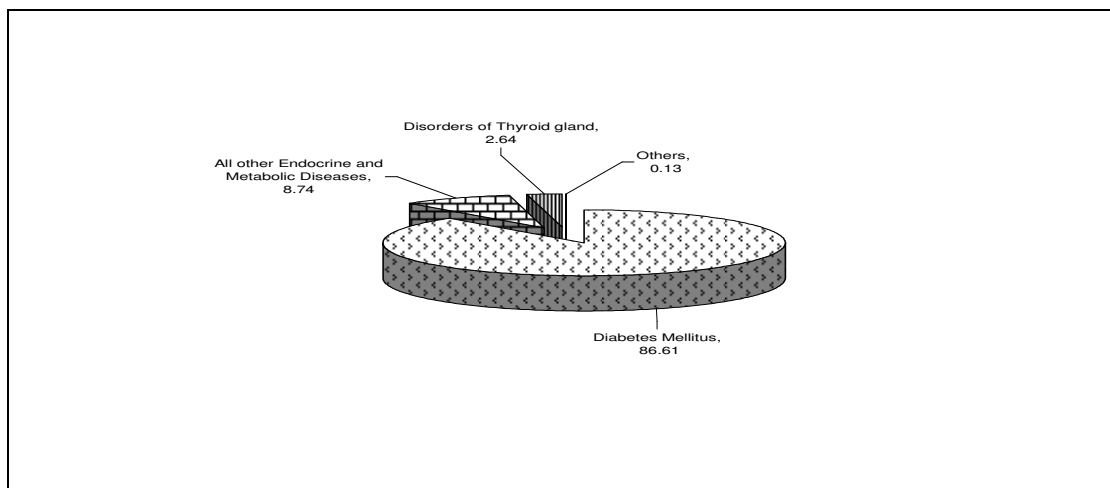
Statement – 18

Distribution of Deaths due to Endocrine, Nutritional and Metabolic Diseases under MCCD – 2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diabetes Mellitus	4017	87.35	2770	85.57	6787	86.61	5.59
2	All other Endocrine and Metabolic Diseases	422	9.18	263	8.12	685	8.74	0.56
3	Disorders of Thyroid gland	73	1.59	134	4.14	207	2.64	0.17
4	Others	87	0.11	70	0.16	157	0.13	0.14
	Total Medically Certified Deaths due to Endocrine, Nutritional and Matabolic Diseases	4599	100.00	3237	100.00	7836	100.00	6.46
	Deaths due to Diseases of Endocrine, Nutritional and matabolic Diseases as percentage to total medically certified deaths		5.98		7.27		6.46	

Chart – 16

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES UNDER MCCD – 2011



3.12.1 The incidence of ‘*Diabetes Mellitus*’ death is reported to be the highest for the age group 70 and above (39.28 per cent). The **Statement-19** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 87 per cent of the total Diabetes Mellitus deaths under MCCD.

Statement – 19

Age Distribution of Deaths Due to Diabetes Mellitus Under MCCD – 2011

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	21	0.52	26	0.94	47	0.69
5	25-34	85	2.12	42	1.52	127	1.87
6	35-44	211	5.25	94	3.39	305	4.49
7	45-54	493	12.27	265	9.57	758	11.17
8	55-64	890	22.16	559	20.18	1449	21.35
9	65-69	619	15.41	443	15.99	1062	15.65
10	70 & above	1485	36.97	1181	42.64	2666	39.28
11	Age Not Stated	213	5.30	160	5.78	373	5.50
	Total	4017	100.00	2770	100.00	6787	100.00

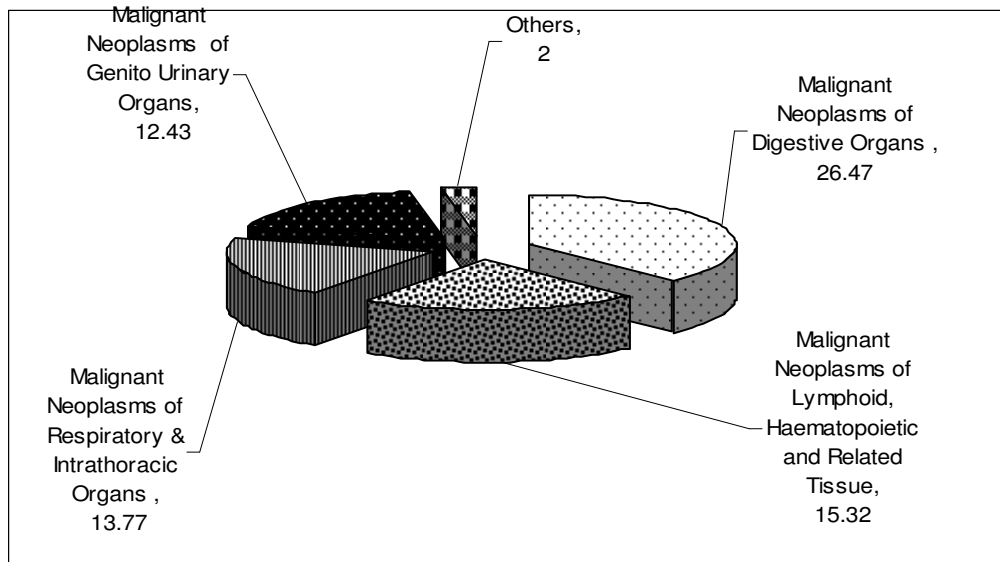
3.13. Neoplasms (II) : The eighth leading cause, *Neoplasm*, which is commonly known as Cancer, is responsible for 6.25 per cent of the total medically certified deaths. The share of deaths due to *Neoplasms* in total female deaths is 7.22 per cent as compared to the corresponding figure of 5.68 per cent in case of males. Among total female medically certified deaths, it is the seventh leading cause of death. The distribution of major causes of deaths under the group is given in the **Statement-20** and depicted in **Chart-17**.

Statement- 20

Distribution of Major Causes of Deaths Due to Neoplasms under MCCD–2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Malignant Neoplasms of Digestive Organs	1340	30.69	666	20.73	2006	26.47	1.65
2	Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue	729	16.70	432	13.45	1161	15.32	0.96
3	Malignant Neoplasms of Respiratory & Intrathoracic Organs	810	18.55	234	7.28	1044	13.77	0.86
4	Malignant Neoplasms of Genito Urinary Organs	314	7.19	628	19.55	942	12.43	0.78
5	Others	1173	1.53	1253	2.82	2426	2.00	2.00
	Total Medically Certified Deaths due to Neoplasms	4366	100.00	3213	100.00	7579	100.00	6.25
	Deaths due to Neoplasms as percentage to total Medically Certified Deaths		5.68		7.22		6.25	

CHART – 17
PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO NEOPLASMS UNDER MCCD – 2011



3.13.1 Among the neoplasm deaths, '*Malignant Neoplasm of Digestive Organs*' accounts for the highest mortality of 26.47 per cent, followed by '*Malignant of Lymphoid, haematopoietic & other related tissue*' (15.32 per cent), '*Malignant Neoplasm of Respiratory Intrathoracic Organs*' (13.77 per cent) and '*Malignant Neoplasms of Genitor-Urinary Organs*' (12.43 per cent). The share of deaths due to Malignant Neoplasms of Digestive Organs in males, to total male Neoplasm deaths is 30.69 per cent as against 20.73 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 19.55 per cent as compared to 7.19 per cent of corresponding male deaths. Among deaths caused by '*Malignant Neoplasm of Respiratory and Intra Thoracic Organs*' about 61 per cent is due to Lung Cancer in male. Lung Cancer alone accounts for around 14.57 per cent of total male Neoplasm deaths.

3.13.2 The incidence of Neoplasm death is reported to be the highest i.e. 25.07 per cent in the age group 55-64 years (26.25 per cent of males and 23.47 per cent of females) followed by the age group '70 and above years' recording 22.07 per cent of deaths (24.53 per cent of males and 18.74 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-18**

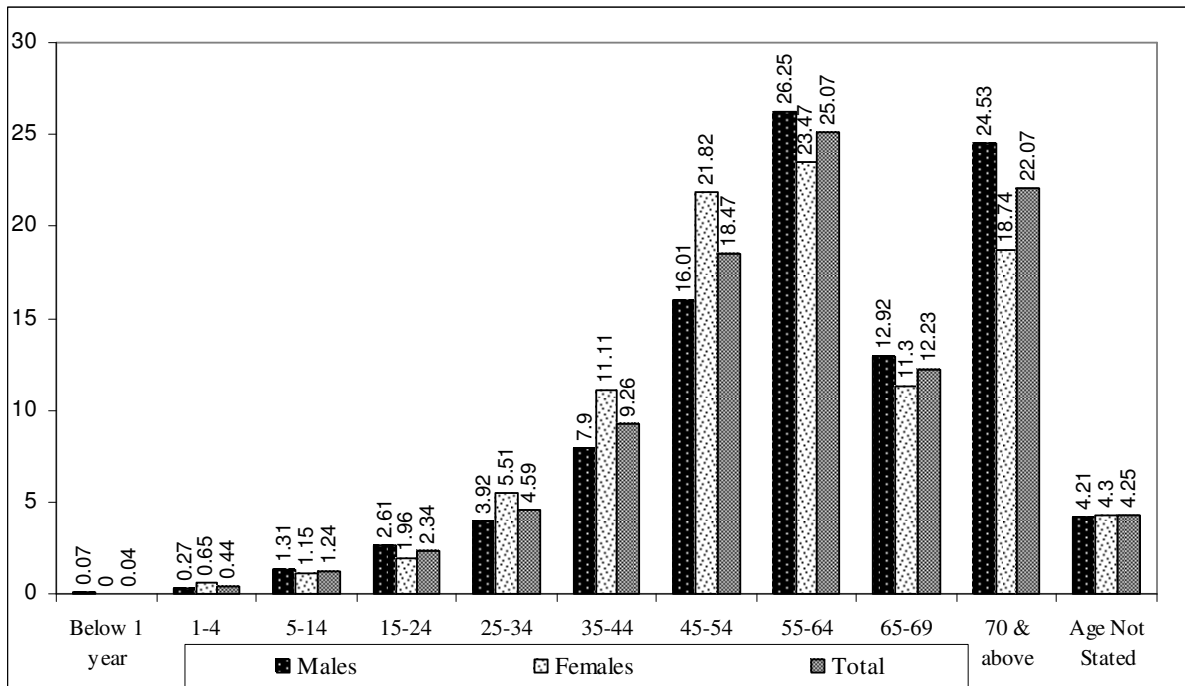
Statement- 21

Age Distribution of Deaths Due to Neoplasm Under MCCD-2011

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	3	0.07	0	0.00	3	0.04
2	1-4	12	0.27	21	0.65	33	0.44
3	5-14	57	1.31	37	1.15	94	1.24
4	15-24	114	2.61	63	1.96	177	2.34
5	25-34	171	3.92	177	5.51	348	4.59
6	35-44	345	7.90	357	11.11	702	9.26
7	45-54	699	16.01	701	21.82	1400	18.47
8	55-64	1146	26.25	754	23.47	1900	25.07
9	65-69	564	12.92	363	11.30	927	12.23
10	70 & above	1071	24.53	602	18.74	1673	22.07
11	Age Not Stated	184	4.21	138	4.30	322	4.25
	Total	4366	100.00	3213	100.00	7579	100.00

CHART- 18

AGE DISTRIBUTION OF DEATHS DUE TO NEOPLASM UNDER MCCD-2011



Other causes of Death

3.14 Diseases of the Genito-Urinary System (XIV)

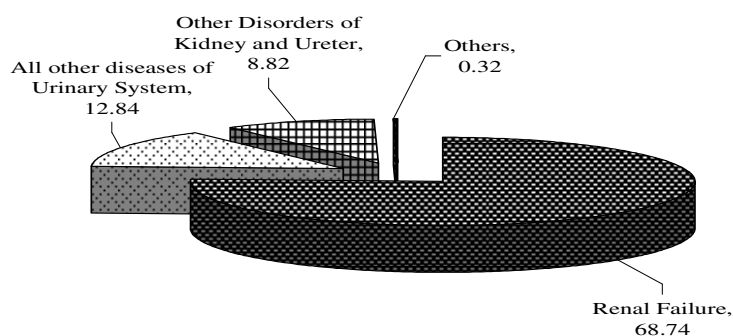
Out of every hundred medically certified deaths, around three are reported from '*Diseases of Genitourinary System*'. Renal failure is the cause of maximum deaths (68.74 per cent) under the '*Genitourinary System*' disease with the overall share of 2.31 per cent in total medically certified deaths. The distribution of major causes under this group is given in **Statement-22** and is shown in **Chart-19**.

Statement – 22

Distribution of Major Causes of Deaths Due to Diseases of the Genitourinary System Under MCCD – 2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Renal Failure	1767	69.46	1032	67.54	2799	68.74	2.31
2	All other diseases of Urinary System	310	12.19	213	13.94	523	12.84	0.43
3	Other Disorders of Kidney and Ureter	231	9.08	128	8.38	359	8.82	0.3
4	Others	236	0.31	155	0.35	391	0.32	0.32
	Total Medically Certified Deaths due to Genito-urinary System	2544	100.00	1528	100.00	4072	100.00	3.36
	Deaths due to Diseases of Genitourinary System as percentage to total Medically certified Deaths		3.31		3.43		3.36	

CHART – 19
PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO
DISEASES OF THE GENITOURINARY SYSTEM UNDER MCCD – 2011



3.14.1 The incidence of '*Renal failure*' death is reported to be the highest for the age "70 and above years" (26.15 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-2011

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	53	3.00	45	4.36	98	3.50
5	25-34	116	6.56	66	6.40	182	6.50
6	35-44	183	10.36	98	9.50	281	10.04
7	45-54	256	14.49	131	12.69	387	13.83
8	55-64	378	21.39	201	19.48	579	20.69
9	65-69	231	13.07	170	16.47	401	14.33
10	70 & above	453	25.64	279	27.03	732	26.15
11	Age Not Stated	97	5.49	42	4.07	139	4.97
	Total	1767	100.00	1032	100.00	2799	100.00

3.15 Diseases of the Nervous System (VI) :

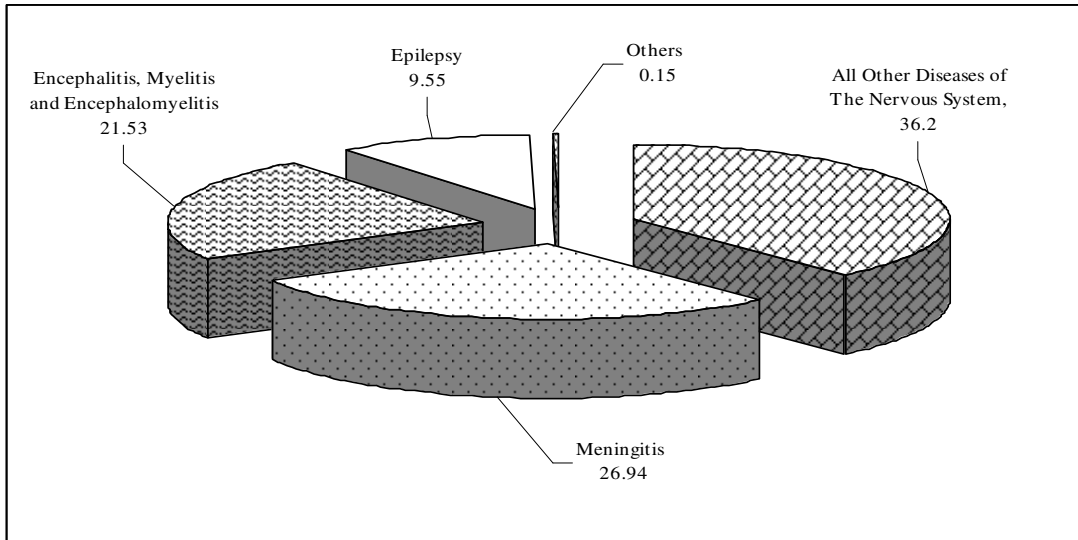
The cause group of Diseases of Nervous System is responsible for 2.61 per cent of the total medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-24** and is highlighted in **Chart-20**.

Statement - 24
Distribution of Major Causes of Deaths due to Diseases of the Nervous System under MCCD – 2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All Other Diseases of The Nervous System	760	37.98	385	33.13	1145	36.2	0.94
2	Meningitis	521	26.04	331	28.49	852	26.94	0.7
3	Encephalitis, Myelitis and Encephalomyelitis	433	21.64	248	21.34	681	21.53	0.56
4	Epilepsy	205	10.24	97	8.35	302	9.55	0.25
5	Others	82	0.11	101	0.23	183	0.15	0.16
	Total Medically Certified Deaths due to Nervous System	2001	100	1162	100	3163	100	2.61
	Deaths due to Diseases of Nervous System as percentage to total Medically Certified Deaths		2.6		2.61		2.61	

Chart – 20

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDER MCCD – 2011



‘All other Diseases of the Nervous System’ accounts for the maximum (36.20 per cent) deaths reported under this group, followed by *‘Meningitis’* (26.94 per cent) and *‘Encephalitis Myelitis and Encephalomyelitis’* (21.53 per cent). The share of *‘Meningitis’* in the total medically certified deaths is about 0.7 per cent.

3.15.1 The age group ‘70 & above’ has reported the maximum deaths (16.53 per cent) under the major group *‘Diseases of the Nervous System’*, this is followed by age group 35-44 years (12.42 per cent) and 25-34 years (12.36 per cent). Viewed from the angle of age, it affects worstly the age group below 1 year (6.58 per cent). The distribution of age-wise deaths is depicted in **Statement-25** and **Chart-21**.

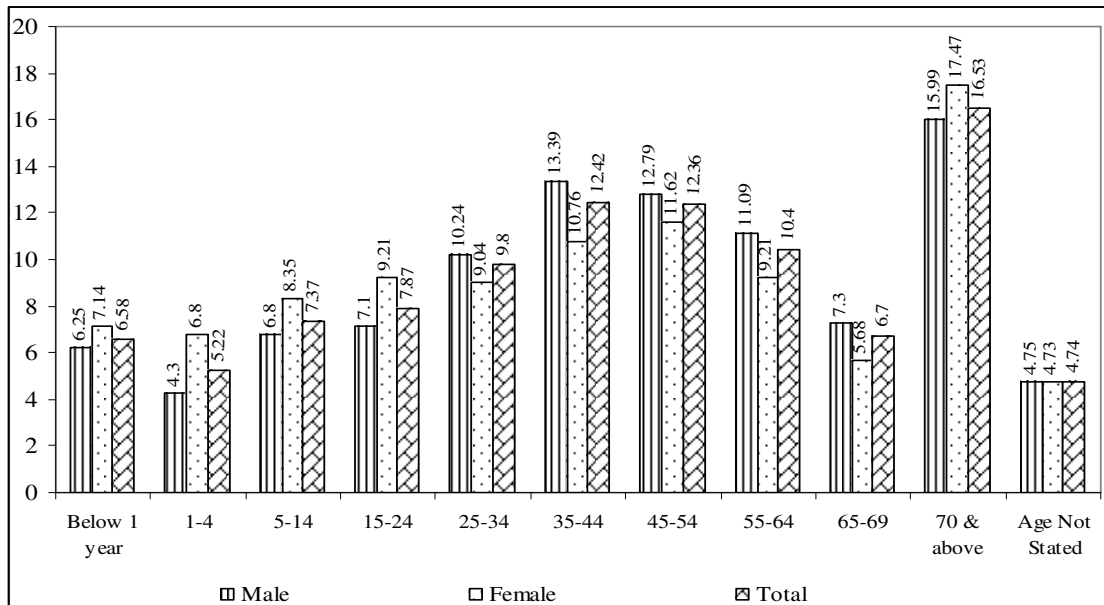
Statement – 25

Age-wise Distribution of Deaths Due to Diseases of the Nervous System Under MCCD-2011

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	125	6.25	83	7.14	208	6.58
2	1-4	86	4.3	79	6.8	165	5.22
3	5-14	136	6.8	97	8.35	233	7.37
4	15-24	142	7.1	107	9.21	249	7.87
5	25-34	205	10.24	105	9.04	310	9.8
6	35-44	268	13.39	125	10.76	393	12.42
7	45-54	256	12.79	135	11.62	391	12.36
8	55-64	222	11.09	107	9.21	329	10.4
9	65-69	146	7.3	66	5.68	212	6.7
10	70 & above	320	15.99	203	17.47	523	16.53
11	Age Not Stated	95	4.75	55	4.73	150	4.74
	Total	2001	100	1162	100	3163	100

Chart- 21

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDR MCCD – 2011



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 1.66 per cent of the total medically certified deaths. This cause group accounts for 1.43 per cent of total male and 2.05 per cent of total female medically certified deaths. “*Other Anaemias*” is the major cause constitute around 81 per cent of total deaths reported in the cause group and 1.35 per cent of the total medically certified deaths. The distribution of major causes of deaths under this group is presented in **Statement-26**.

Statement-26

Distribution of Major Causes of Deaths due to Diseases of the Blood and Blood forming organs and Immunity Mechanism Under MCCD-2011

Sl.No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Anaemias	878	80.04	758	83.11	1636	81.43	1.35
2	All Other Diseases Of Blood & Blood Forming Organs	188	17.14	136	14.91	324	16.13	0.27
3	Others	31	2.83	18	1.97	49	2.44	0.04
	Total Medically Certified Deaths due to Blood and Blood forming organs and Immunity Mechanism	1097	100	912	100	2009	100	1.66
	Deaths due to Diseases of Blood and Blood forming organs and Immunity Mechanism as percentage to total medically certified deaths		1.43		2.05		1.66	

3.18 Congenital Malformations, Deformations and Chromosomal Abnormalities (XVII)

Merely 1805 deaths are reportedly caused by '*Congenital Malformations, deformations and Chromosomal abnormalities*', constituting about 1.46 per cent of the total medically certified deaths. The majority of these deaths occur for age less than one year (1098 or 60.83 per cent). Under this cause group, about 57.89 per cent deaths are caused by malformation of various Circulatory System.

Statement - 27

Distribution of Deaths due to 'Congenital Malformations, Deformations and Chromosomal Abnormalities' under MCCD – 2011

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	9	29	1.61
2	Congenital Malformations of the Circulatory System	678	367	1045	57.89
3	All other Congenital Malformations, Deformations & Chromosomal Abnormalities	400	331	731	40.5
	Total	1098	707	1805	
	Percentage to Total	60.83	39.17	100.00	

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

This leading major cause group responsible for 1.34 per cent of the total medically certified deaths of which 1.33 per cent of males and 1.37 per cent of female death. Thus around every third 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-28**. "*All other Symptoms, Signs and Abnormal Clinical & Laboratory Findings Not Elsewhere Classified*" accounted for 0.95 per cent of the total deaths in this group.

Statement-28

Distribution of Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified under MCCD-2011

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All other Symptoms, Signs and Abnormal Clinical & Laboratory findings, not elsewhere classified	735	72.13	421	68.9	1156	70.92	0.95
2	Others	284	0.37	190	0.43	474	0.39	0.39
	Total Medically Certified Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified	1019	100.00	611	100.00	1630	100.00	1.34
	Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified as percentage total Medically Certified Deaths		1.33		1.37		1.34	

3.16.1 As shown in the **Statement-29**, the highest incidence of deaths (39.75 per cent) is reported for the age group 70 years and above. The age group “45 years and above” contributed nearly 71 per cent of total mortality reported under this cause group.

Statement-29

Age Distribution of Deaths Due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified Under MCCD-2011

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	5	0.49	1	0.16	6	0.37
3	5-14	17	1.67	22	3.60	39	2.39
4	15-24	41	4.02	21	3.44	62	3.80
5	25-34	85	8.34	41	6.71	126	7.73
6	35-44	93	9.13	33	5.40	126	7.73
7	45-54	114	11.19	45	7.36	159	9.75
8	55-64	133	13.05	72	11.78	205	12.58
9	65-69	106	10.40	44	7.20	150	9.20
10	70 & above	356	34.94	292	47.79	648	39.75
11	Age Not Stated	69	6.77	40	6.55	109	6.69
	Total	1019	100.00	611	100.00	1630	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 841 deaths (1.89 per cent of the total female medically certified deaths). As high as 95.60 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 4.40 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 – 2011

Sl. No	Cause of Death	No.	%	% to total female Medically Certified Deaths
1	Other Direct Obstetric Deaths	768	91.32	1.73
2	Other Obstetric Conditions not elsewhere Classified	37	4.4	0.08
3	Pregnancy with Abortive Outcome	36	4.28	0.08
	Total Medically Certified Deaths due to Complication of Pregnancy, Childbirth and Puerperium	841	100	1.89

3.20 Diseases of the Skin and Subcutaneous Tissue (XII)

These diseases account for 772 medically certified deaths (0.63 per cent of the total medically certified deaths). This cause group accounts for 0.65 per cent of total male and 0.59 per cent of total female medically certified deaths. About 81 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 191 deaths i.e. around 0.16 per cent of total medically certified deaths.

3.22. Mental and Behavioural Disorders (V)

The group relating to Mental and Behavioural disorders accounts for 105 deaths (0.09 per cent of total medically certified deaths). The age group 25-64 years constitutes around 83 per cent of total deaths due to '*Mental and Behavioural Disorders*'. Under this cause group, the deaths due to "*Schizophrenia, Schizotypal & Delusional Disorders*" constitutes the highest share (42.86 per cent) of total deaths. The ratio of males to females was disproportionate in this group (74 males to 31 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 – 2011

Sl. No	Cause of Death	Age Group								% to Total
		<15	15-24	25-34	35-44	45-54	55-64	Others	Total	
1	Schizophrenia, Schizotypal & Delusional Disorders	0	2	9	6	10	9	9	45	42.86
2	Mental And Behavioural Disorders due to sychoactive Substance use	0	0	8	13	13	1	4	39	37.14
3	All Other Mental Behavioural Disorders	0	0	1	5	8	4	3	21	20.00
	Total	0	2	18	24	31	14	16	105	100.00
	Percentage to total	0.00	1.90	17.14	22.86	29.52	13.33	15.24	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 8 and 3 deaths from each group respectively.

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 10.54 per cent and 11.24 per cent respectively. The maximum incidence of death under this age group (87.81 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** (78.33 per cent). This is followed by '*Congenital Malformations, Deformations & Chromosomal Abnormalities*' (8.38 per cent) of which *Congenital Malformations of the Circulatory System* (61.74 per cent) in the major constituent. '*Certain Infectious and Parasitic Diseases*' which contribute to about 1.62 per cent of the total infant deaths, assume third rank, having *Diarrhoea and Gastroenteritis of presumed Infectious Origin* (58.96 per cent) as the major killers. The distribution of mortality among infants by major cause groups has been given in **Statement-32** and is highlighted in **Chart -22**.

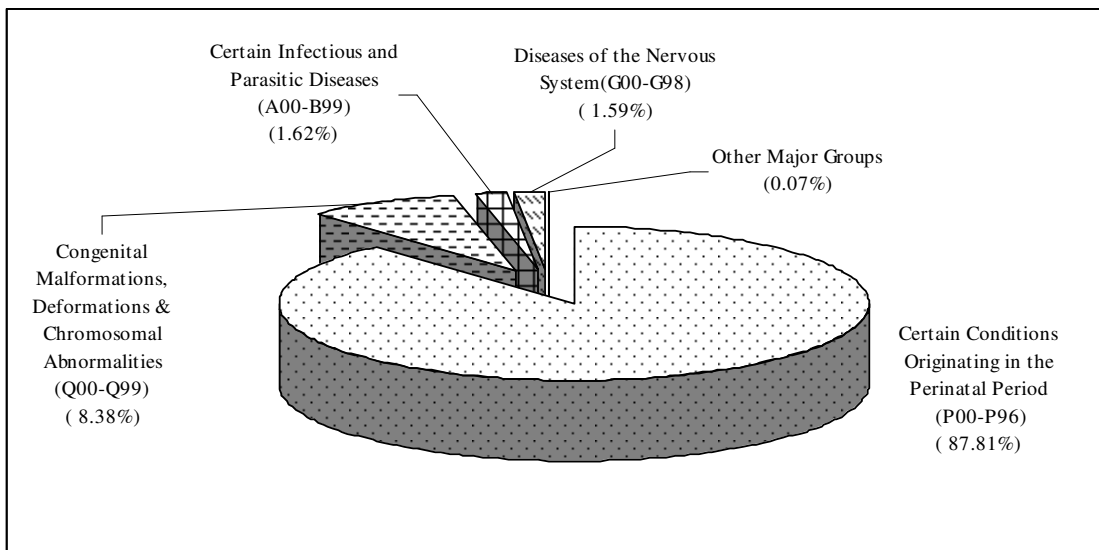
Statement – 32

Distribution of Mortality among Infants by Major Cause Group

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Conditions Originating in the Perinatal Period (P00-P96)	7090	87.56	4412	88.2	11502	87.81
2	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	709	8.76	389	7.78	1098	8.38
3	Certain Infectious and Parasitic Diseases (A00-B99)	126	1.56	86	1.72	212	1.62
4	Diseases of the Nervous System(G00-G98)	125	1.54	83	1.66	208	1.59
5	Other Major Groups	47	0.06	32	0.07	79	0.07
	Total Medically Certified Deaths in the age group < 1 year	8097	100.00	5002	100.00	13099	100.00
	Deaths in the age group <1 year as percentage to total Medically certified Deaths		10.54		11.24		10.79

Chart – 22

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG INFANTS BY MAJOR CAUSE GROUP



3.25 Children aged 1-4 year: Of the total medically certified deaths, 1.38 per cent has been reported from this age-group, accounting for 1.18 per cent and 1.71 per cent of total male and female medically certified deaths respectively. *Congenital Malformations, Deformations and Chromosomal Abnormalities* rank first, constituting 29.62 per cent of total medically certified deaths in the age group. *Congenital Malformations of the Circulatory System* is the second leading cause contribute around 53.74 per cent of the deaths in Congenital Abnormalities group. ‘*Certain infectious and Parasitic Diseases*’ cause 26.27 per cent of deaths under which *Other Arthropod Born Viral Fevers and Viral Haemorrhagic fevers* (20.73 per cent), *Diarrhoea and Gastro enteritis of Presumed Infectious Origin* (15.72 per cent) and *Septicaemia* (14.58 per cent) are the major constituents. The third leading cause group of deaths, ‘*Injury, Poisoning and Certain other Consequences of External Causes*’ is responsible for 10.05 per cent of deaths in this age group. *Burns and Corrosions and Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medicinal as to source* taken together, causes about 63.09 per cent of the total deaths under this cause group. The distribution of mortality in the age group 1-4 years by major cause group has been given in **Statement -33** and **Chart 23**.

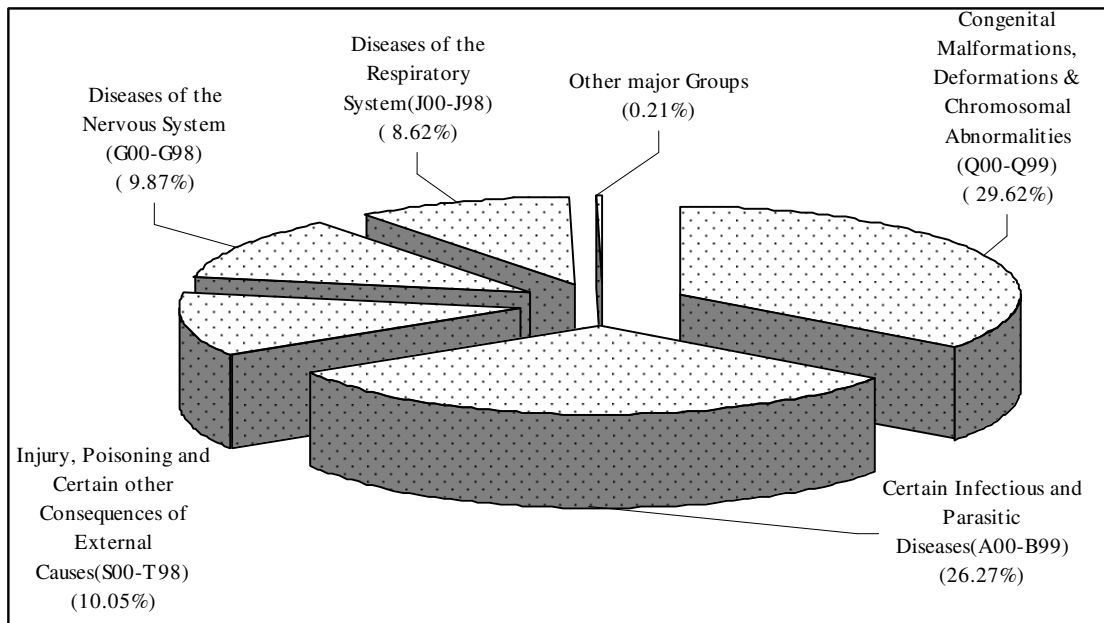
Statement - 33

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

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	273	30.03	222	29.13	495	29.62
2	Certain Infectious and parasitic Diseases (A00-B99)	229	25.19	210	27.56	439	26.27
3	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	96	10.56	72	9.45	168	10.05
4	Diseases of the Nervous System(G00-G98)	86	9.46	79	10.37	165	9.87
5	Diseases of the Respiratory System(J00-J98)	74	8.14	70	9.19	144	8.62
6	Other Major Groups	151	0.2	109	0.24	260	0.21
	Total Medically Certified Deaths in the age group 1-4 years	909	100.00	762	100.00	1671	100.00
	Deaths in the age group 1-4 years as percentage to total Medically Certified Deaths		1.18		1.71		1.38

CHART -23

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 1.65 per cent, constituting 1.48 per cent and 1.94 per cent of total male and female medically certified deaths respectively. Of the total reported deaths under this age group, the share of '*Certain infectious and Parasitic Diseases*' is 23.67 per cent followed by *Injury, Poisoning and Certain other Consequences of External Causes* (21.17 per cent), *Diseases of the Nervous System* (11.66 per cent), *Congenital Malformation, Deformation & Chromosomal Abnormalities* (10.61 per cent) and *Diseases of Respiratory System* (8.31 per cent). The Distribution of mortality in the age group 5-14 years, by major cause groups is given in **Statement- 34** and **Chart - 24**.

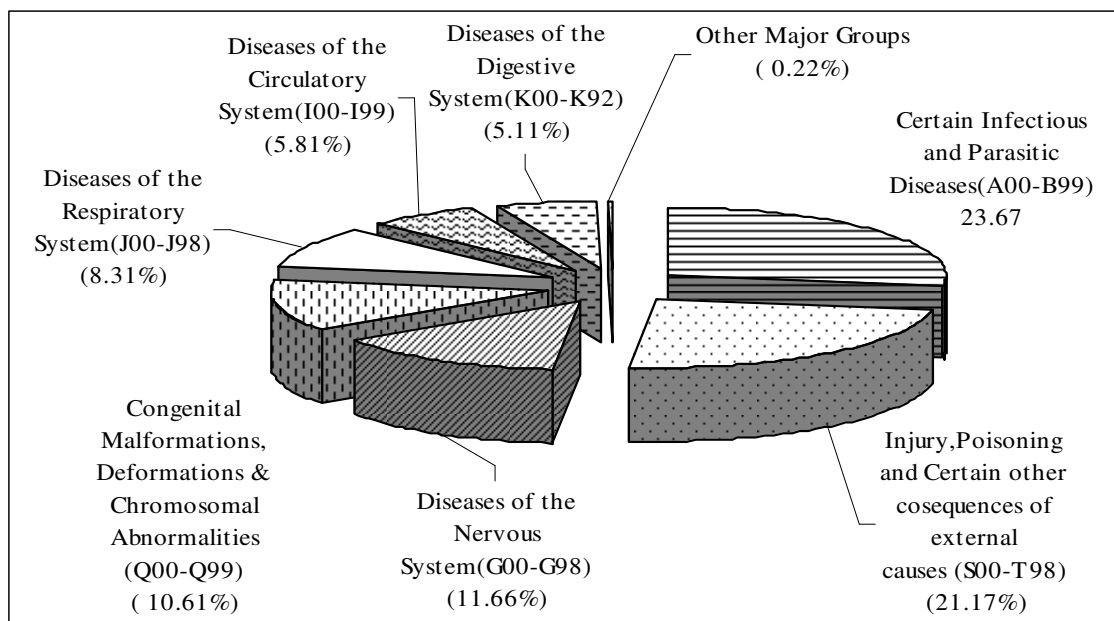
Statement – 34

**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)	261	22.98	212	24.59	473	23.67
2	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	241	21.21	182	21.11	423	21.17
3	Diseases of the Nervous System(G00-G98)	136	11.97	97	11.25	233	11.66
4	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	119	10.48	93	10.79	212	10.61
5	Diseases of the Respiratory System(J00-J98)	102	8.98	64	7.42	166	8.31
6	Diseases of the Circulatory System(I00-I99)	62	5.46	54	6.26	116	5.81
7	Diseases of the Digestive System(I00-I99)	62	5.46	40	4.64	102	5.11
8	Other Major Groups	153	0.2	120	0.27	273	0.22
	Total Medically Certified Deaths in the age group 5-14 years	1136	100	862	100	1998	100
	Deaths in the age group 5-14 years as percentage to total Medically Certified Deaths		1.48		1.94		1.65

CHART – 24

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 4.90 per cent of the total medically certified deaths and the share of male and female deaths to the corresponding total being 3.66 per cent and 7.05 per cent respectively. The category consisting of ***“Injury, Poisoning & certain other consequences of External causes”*** has caused the maximum deaths 45.81 per cent of total deaths reported under this age group. ***“Certain Infectious and Parasitic Diseases”***, ***“Diseases of the Respiratory System”*** and ***“Diseases of the Digestive System”*** are other leading causes of deaths, accounting for 15.46 per cent, 5.61 cent and 5.12 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-25**.

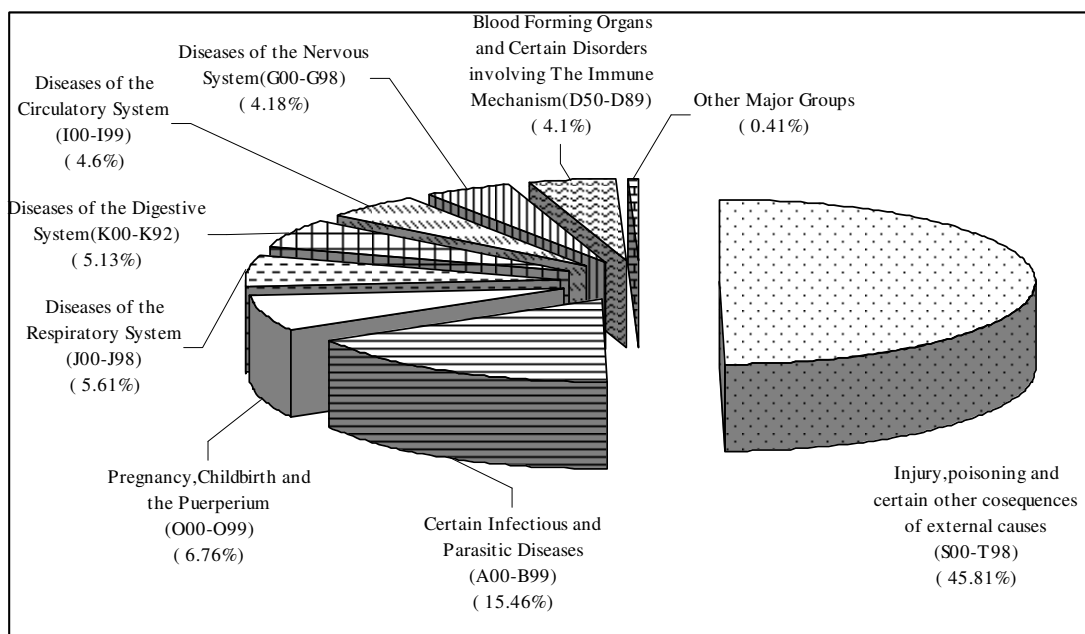
Statement – 35

**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)	1343	47.73	1383	44.09	2726	45.81
2	Certain Infectious and Parasitic Diseases(A00-B99)	489	17.38	431	13.74	920	15.46
3	Diseases of the Respiratory System(J00-J98)	144	5.12	190	6.06	334	5.61
4	Diseases of the Digestive System(K00-K92)	197	7	108	3.44	305	5.13
5	Diseases of the Circulatory System(K00-K92)	132	4.69	142	4.53	274	4.6
6	Diseases of the Nervous System(G00-G98)	142	5.05	107	3.41	249	4.18
7	Diseases of the Blood & Blood forming organs and certain disorders involving	85	3.02	159	5.07	244	4.1
8	Other Major Groups	282	0.37	215	0.48	497	0.41
	Total Medically Certified Deaths in the age group 15-24 years	2814	100	3137	100	5951	100
	Deaths in the age group 15-24 years as percentage to total Medically Certified Deaths		3.66		7.05		4.9

Chart – 25

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 7.55 per cent of total medically certified deaths. Around every fifteenth medically certified death belongs to this age-group, with 7.28 per cent and 8.03 per cent of total male and female medically certified deaths respectively coming from this age group. A significant percentage of deaths have been reported due to *'Injury, Poisoning & certain other consequences of External Causes'* (33.72 per cent). The two other major determinants of deaths are *'Certain Infectious and Parasitic Diseases'* (17.04) and *'Diseases of the Circulatory System'* (15.80 per cent). The Distribution of Mortality in the age group 25-34 years, by major cause groups has been shown in **Statement - 36 & Chart- 26**

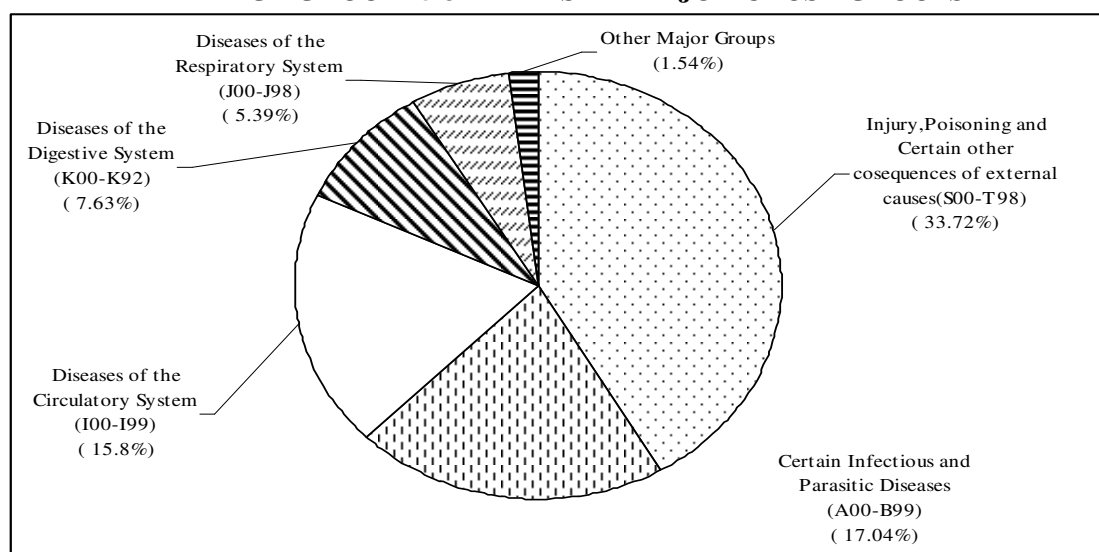
Statement – 36

**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)	1898	33.95	1192	33.36	3090	33.72
2	Certain Infectious and Parasitic Diseases(A00-B99)	985	17.62	577	16.15	1562	17.04
3	Diseases of the Circulatory System(I00-I99)	946	16.92	502	14.05	1448	15.8
4	Diseases of the Digestive System(K00-K92)	576	10.3	123	3.44	699	7.63
5	Diseases of the Respiratory System(J00-J98)	281	5.03	213	5.96	494	5.39
6	Other Major Groups	905	1.18	966	2.17	1871	1.54
	Total Medically Certified Deaths in the age group 25-34 years	5591	100	3573	100	9164	100
	Deaths in the age group 25-34 years as percentage to total Medically Certified Deaths		7.28		8.03		7.55

Chart -26

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 9.78 per cent, accounting for 10.89 per cent for male and 7.87 per cent of female deaths. *‘Diseases of the Circulatory System’, ‘Injury Poisoning and Certain other Consequences of External Causes’, ‘Certain Infectious and Parasitic Diseases’, ‘Diseases of Digestive System’, ‘Diseases of Respiratory System’* and *‘Neoplasms’* are leading cause groups of deaths together contributing around 85.40 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-27**.

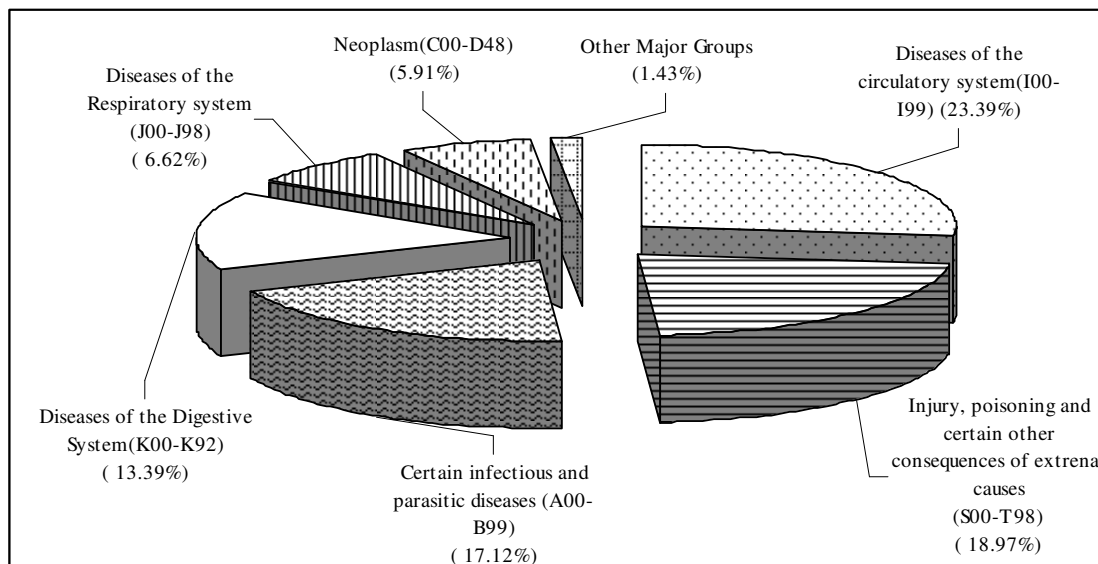
Statement -37

**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)	2003	23.94	774	22.09	2777	23.39
2	Injury, poisoning and certain other consequences of external causes(S00-T98)	1572	18.79	680	19.41	2252	18.97
3	Certain infectious and parasitic diseases (A00-B99)	1439	17.2	593	16.92	2032	17.12
4	Diseases of the Digestive System(K00-K92)	1367	16.34	223	6.36	1590	13.39
5	Diseases of the respiratory system(J00-J98)	525	6.27	261	7.45	786	6.62
6	Neoplasm(C00-D48)	345	4.12	357	10.19	702	5.91
7	Other Major Groups	1117	1.45	616	1.38	1733	1.43
	Total Medically Certified Deaths in the age group 35-44 years	8368	100	3504	100	11872	100
	Deaths in the age group 35-44 years as percentage to total Medically Certified Deaths		10.89		7.87		9.78

Chart – 27

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 12.89 per cent of the total medically certified deaths, constituting 14.36 per cent and 10.35 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*' (31.82 per cent), '*Certain, Infectious and Parasitic Diseases*' (13.72 per cent), '*Diseases of the Digestive System*' (11.32 per cent), '*Injury, Poisoning & Certain other consequences of External Causes*' (11.18 per cent), '*Neoplasms*' (8.95 per cent) and '*Diseases of the Respiratory System*' (7.25 per cent) which together contribute around 84.24 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 -28**.

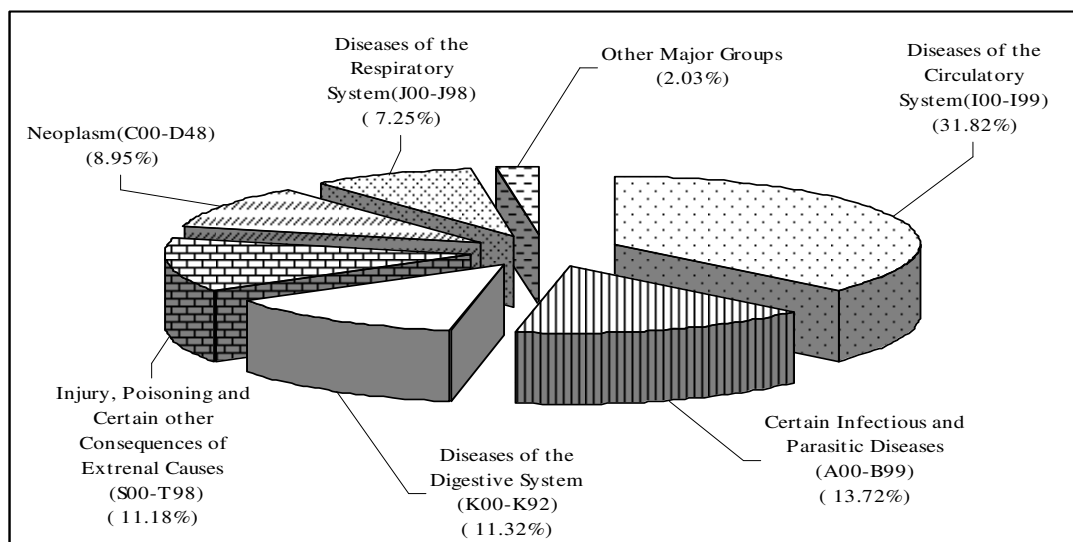
Statement – 38

**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)	3559	32.26	1417	30.77	4976	31.82
2	Certain Infectious and Parasitic Diseases (A00-B99)	1534	13.9	611	13.27	2145	13.72
3	Diseases of the Digestive System(K00-K92)	1506	13.65	265	5.75	1771	11.32
4	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	1351	12.25	397	8.62	1748	11.18
5	Neoplasm(C00-d48)	699	6.34	701	15.22	1400	8.95
6	Diseases of the Respiratory System(J00-J98)	799	7.24	334	7.25	1133	7.25
7	Other Major Groups	1585	2.06	880	1.98	2465	2.03
	Total Medically Certified Deaths in the age group 45-54 years	11033	100	4605	100	15638	100
	Deaths in the age group 45-54 years as percentage to total Medically Certified Deaths		14.36		10.35		12.89

Chart – 28

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



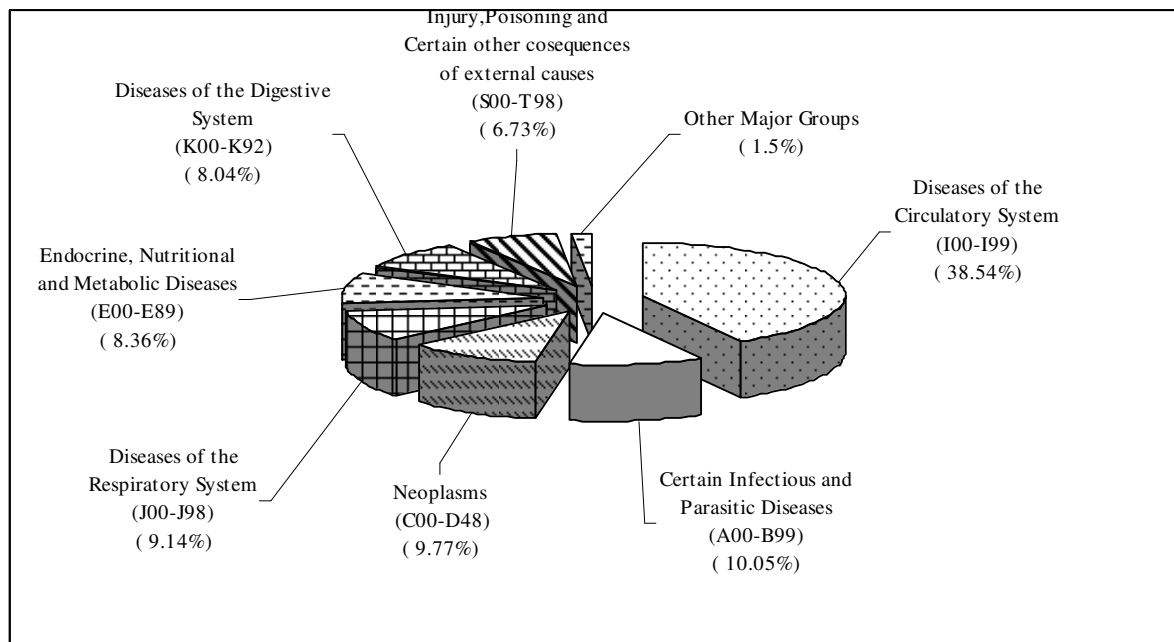
3.31 Persons aged 55-64 years: This age group has a share of 16.02 per cent in the total medically certified deaths, accounting for 17.39 per cent and 13.67 per cent of total male and female medically certified deaths respectively. *‘Diseases of the Circulatory System’* have contributed to the maximum number (38.54 per cent) of total deaths in this age-group, followed by *Certain Infectious and Parasitic Diseases* (10.05 per cent). In the *Circulatory System deaths “Ischaemic Heart Diseases”* have taken the highest toll contributing around 42 per cent of total deaths. Around 90 per cent of the deaths under the cause group, *Endocrine, Nutritional and Metabolic Diseases* is due to *‘Diabetes Mellitus’*. The cause group *‘Neoplasms’* is responsible for 9.77 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 46 per cent of total 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 – 29**.

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)	5219	39.06	2275	37.4	7494	38.54
2	Certain Infectious and Parasitic Diseases (A00-B99)	1329	9.95	625	10.27	1954	10.05
3	Neoplasm(C00-d48)	1146	8.58	754	12.4	1900	9.77
4	Diseases of the Respiratory System(J00-J98)	1237	9.26	540	8.88	1777	9.14
5	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	987	7.39	638	10.49	1625	8.36
6	Diseases of the Digestive System(K00-K92)	1261	9.44	302	4.96	1563	8.04
7	Injury, Poisoning and certain other consequences of external causes (S00-T98)	989	7.4	319	5.24	1308	6.73
8	Other Major Groups	1193	1.55	630	1.42	1823	1.5
	Total Medically Certified Deaths in the age group 55-64 years	13361	100	6083	100	19444	100
	Deaths in the age group 55-64 years as percentage to total Medically Certified Deaths		17.39		13.67		16.02

Chart – 29
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 9.14 per cent, constituting 9.07 per cent and 9.25 per cent of total male and female medically certified deaths respectively. In this age group, ***‘Diseases of the Circulatory System’*** alone constitute the highest number of deaths (43.22 per cent). ***‘Ischaemic Heart Diseases’*** constitute the highest share around 40 per cent of circulatory system deaths under this age group. The second leading cause group of death in this age group is ***‘Diseases of the Respiratory System’*** with the share of 10.65 per cent. ***‘Other Lower Respiratory Disorders’*** and ***‘Pneumonia’*** are being the major constituents with the shares of 43.69 per cent and 17.69 per cent of this cause group respectively. ***‘Endocrine, Nutritional and Metabolic diseases’*** rank third with 10.65 percent of the total deaths. Under this cause group ***‘Diabetes Mellitus’*** is the main cause alone contribute 89.92 per cent of the deaths. (Ref.Table-2) The distribution of mortality in the age group 65-69 years, by major cause groups has been portrayed in **Statement-40** and **Chart-30**.

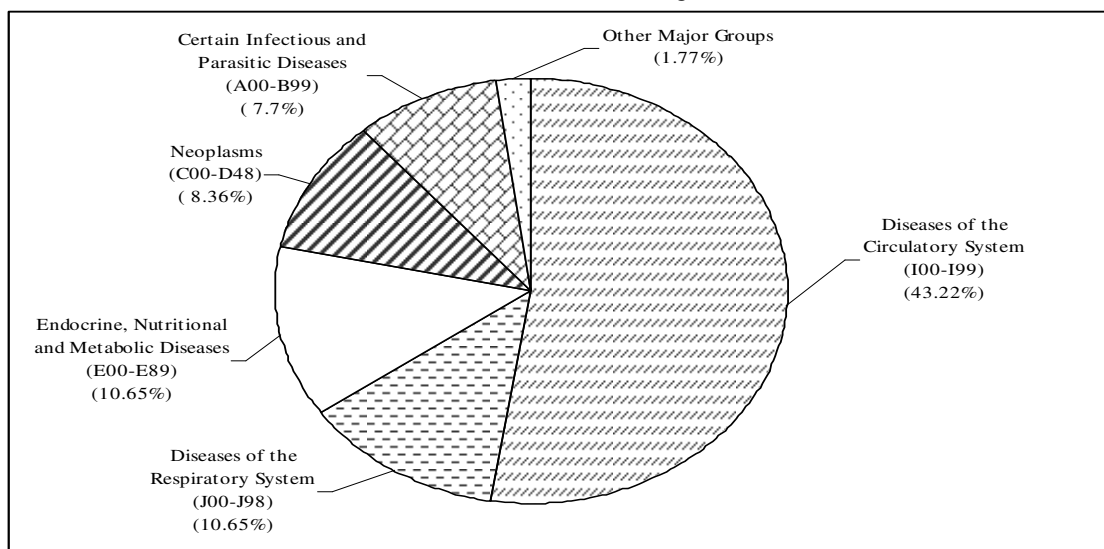
Statement -40

**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)	2920	41.9	1871	45.45	4791	43.22
2	Diseases of the Respiratory System (J00-J98)	827	11.87	354	8.6	1181	10.65
3	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	684	9.81	497	12.07	1181	10.65
4	Neoplasm(C00-D48)	564	8.09	363	8.82	927	8.36
5	Certain Infectious and Parasitic Diseases (A00-B99)	550	7.89	304	7.38	854	7.7
6	Other Major Groups	1424	1.85	728	1.64	2152	1.77
	Total Medically Certified Deaths in the age group 65-69 years	6969	100	4117	100	11086	100
	Deaths in the age group 65-69 years as percentage to total Medically Certified Deaths		9.07		9.25		9.14

Chart-30

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

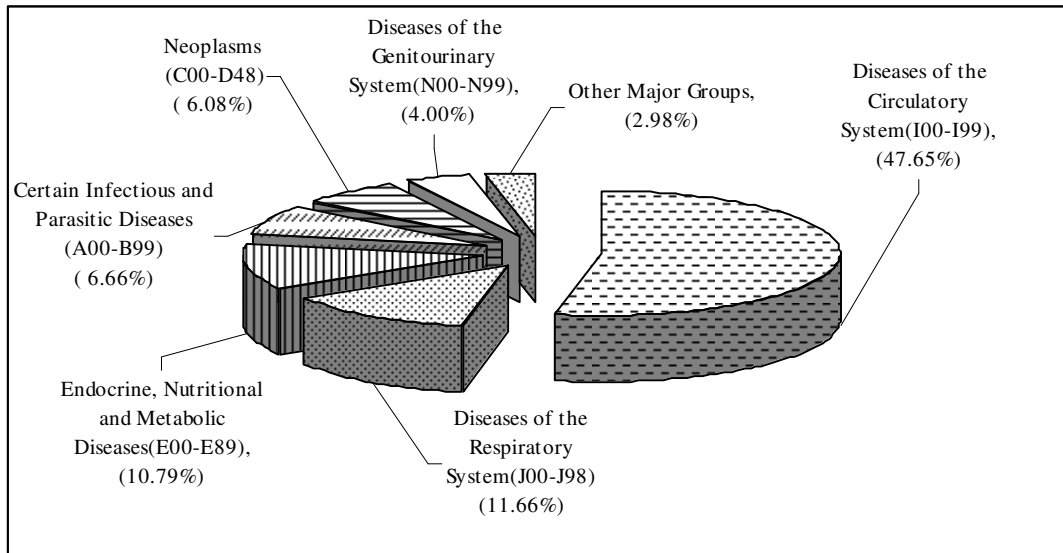


3.33 Old aged Persons 70 years and above: This age group, as expected, has reported the maximum incidence (22.67 per cent) of total medically certified deaths. As high as 21.29 per cent and 25.06 per cent of total male and female medically certified deaths have respectively been reported from this age group. In this age group '*Diseases of the Circulatory System*' alone contribute 47.65 per cent of deaths. *Ischemic Heart Diseases* constitute maximum number (44.35 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 11.66 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 43.48 per cent and 16.93 per cent respectively. With the share of 10.79 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 90 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-31**.

Statement -41
Distribution of Mortality among Old aged persons (70 or above years)
by Major Cause Groups – 2011

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	7610	46.52	5497	49.3	13107	47.65
2	Diseases of the Respiratory System (A00-B99)	2088	12.76	1120	10.05	3208	11.66
3	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	1640	10.03	1327	11.9	2967	10.79
4	Certain Infectious and Parasitic Diseases (A00-B99)	1057	6.46	775	6.95	1832	6.66
5	Neoplasm(C00-d48)	1071	6.55	602	5.4	1673	6.08
6	Diseases of the Genitourinary System	683	4.18	416	3.73	1099	4
7	Other Major Groups	2210	2.88	1412	3.17	3622	2.98
	Total Medically Certified Deaths in the age group 70 or above years	16359	100	11149	100	27508	100
	Deaths in the age group 70 or above years as percentage to total Medically Certified Deaths		21.29		25.06		22.67

CHART – 31
PERCENTAGE DISTRIBUTION OF MORTALITY AMONG OLD AGED PERSONS (70 OR ABOVE YEARS) BY MAJOR CAUSE GROUPS – 2011



APPENDICES

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TABLE 1 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2011

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	126	229	261	489	985	1439	1534	1329	550	1057	478	8477	
		Female	86	210	212	431	577	593	611	625	304	775	265	4689	
		Total	212	439	473	920	1562	2032	2145	1954	854	1832	743	13166	
2	NEOPLASMS (C00-D48)	Male	3	12	57	114	171	345	699	1146	564	1071	184	4366	
		Female	0	21	37	63	177	357	701	754	363	602	138	3213	
		Total	3	33	94	177	348	702	1400	1900	927	1673	322	7579	
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	Male	0	49	62	85	110	159	146	161	69	178	78	1097	
		Female	0	28	38	159	124	78	109	85	66	174	51	912	
		Total	0	77	100	244	234	237	255	246	135	352	129	2009	
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	23	5	32	140	270	569	987	684	1640	249	4599	
		Female	0	18	8	35	67	147	319	638	497	1327	181	3237	
		Total	0	41	13	67	207	417	888	1625	1181	2967	430	7836	
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	1	11	17	24	8	3	9	1	74	
		Female	0	0	0	1	7	7	7	6	1	1	1	31	
		Total	0	0	0	2	18	24	31	14	4	10	2	105	
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	125	86	136	142	205	268	256	222	146	320	95	2001	
		Female	83	79	97	107	105	125	135	107	66	203	55	1162	
		Total	208	165	233	249	310	393	391	329	212	523	150	3163	
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	1	0	0	1	0	2	
		Female	0	0	0	0	0	0	0	1	0	0	0	1	
		Total	0	0	0	0	0	0	1	1	0	1	0	3	
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	1	0	0	1	1	2	0	0	5	
		Female	0	0	0	3	0	0	0	0	0	0	0	3	
		Total	0	0	0	4	0	0	1	1	2	0	0	8	
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	7	29	62	132	946	2003	3559	5219	2920	7610	1262	23749	
		Female	5	19	54	142	502	774	1417	2275	1871	5497	628	13184	
		Total	12	48	116	274	1448	2777	4976	7494	4791	13107	1890	36933	
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0	74	102	144	281	525	799	1237	827	2088	374	6451	
		Female	0	70	64	190	213	261	334	540	354	1120	134	3280	
		Total	0	144	166	334	494	786	1133	1777	1181	3208	508	9731	

TABLE 1 : MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2011

KARNATAKA

SL.N O.	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0	25	62	197	576	1367	1506	1261	444	694	334	6466
		Female	0	18	40	108	123	223	265	302	150	303	76	1608
		Total	0	43	102	305	699	1590	1771	1563	594	997	410	8074
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	0	8	23	45	107	98	51	149	27	508
		Female	0	0	3	14	12	22	42	46	25	90	10	264
		Total	0	0	3	22	35	67	149	144	76	239	37	772
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0	0	0	8	8	13	13	18	9	24	14	107
		Female	0	0	0	2	6	10	11	14	13	23	5	84
		Total	0	0	0	10	14	23	24	32	22	47	19	191
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	8	12	77	152	252	354	552	319	683	135	2544
		Female	0	4	12	76	87	139	212	299	220	416	63	1528
		Total	0	12	24	153	239	391	566	851	539	1099	198	4072
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	402	340	55	0	0	0	0	44	841
		Total	0	0	0	402	340	55	0	0	0	0	44	841
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	7090	0	0	0	0	0	0	0	0	0	0	7090
		Female	4412	0	0	0	0	0	0	0	0	0	0	4412
		Total	11502	0	0	0	0	0	0	0	0	0	0	11502
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	709	273	119	0	0	0	0	0	0	0	0	1101
		Female	389	222	93	0	0	0	0	0	0	0	0	704
		Total	1098	495	212	0	0	0	0	0	0	0	0	1805
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	Male	0	5	17	41	85	93	114	133	106	356	69	1019
		Female	0	1	22	21	41	33	45	72	44	292	40	611
		Total	0	6	39	62	126	126	159	205	150	648	109	1630
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	37	96	241	1343	1898	1572	1351	989	275	479	580	8861
		Female	27	72	182	1383	1192	680	397	319	143	326	219	4940
		Total	64	168	423	2726	3090	2252	1748	1308	418	805	799	13801
	ALL CAUSES	Male	8097	909	1136	2814	5591	8368	11033	13361	6969	16359	3880	78517
		Female	5002	762	862	3137	3573	3504	4605	6083	4117	11149	1910	44704
		Total	13099	1671	1998	5951	9164	11872	15638	19444	11086	27508	5790	123221

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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+				
			4	5	6	7	8	9	10	11	12	13	14	15		
I	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	126	229	261	489	985	1439	1534	1329	550	1057	478	8477		
		Female	86	210	212	431	577	593	611	625	304	775	265	4689		
		Total	212	439	473	920	1562	2032	2145	1954	854	1832	743	13166		
1	INTESTINAL INFECTIOUS DISEASES(A00-A09)	Male	84	38	33	30	53	72	108	134	65	149	54	820		
		Female	48	39	20	31	26	43	52	102	50	195	25	631		
		Total	132	77	53	61	79	115	160	236	115	344	79	1451		
1	CHOLERA(A00)	Male	0	0	0	0	0	0	1	0	1	0	0	2		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
2	TYPHOID FEVER AND PARATYPHOID FEVERS(A01)	Male	0	2	5	2	5	11	6	6	2	5	3	47		
		Female	0	4	1	2	8	4	2	3	0	8	0	32		
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	2	0	0	0	0	2		
4	SHIGELLOSIS(A03)	Male	0	0	0	1	8	0	0	3	0	0	0	12		
		Female	0	0	1	0	0	0	1	0	0	0	0	2		
5	AMOEBIASIS(A06)	Male	2	0	1	0	4	2	2	6	6	12	6	41		
		Female	3	2	7	5	0	7	4	2	4	4	5	43		
6	DIARRHOEA AND GASTROENTERITIS OF PRESUMED INFECTIOUS ORIGIN(A09)	Male	81	36	27	26	36	58	99	118	56	131	45	713		
		Female	44	33	11	24	15	32	43	94	46	183	19	544		
7	OTHER INTestinal INFECTIOUS DISEASES(A04,A07-A08)	Male	1	0	0	1	0	1	0	1	0	1	0	5		
		Female	1	0	0	0	3	0	0	3	0	0	1	8		
2	TUBERCULOSIS(A15-A19)	Male	16	33	42	208	545	823	842	650	263	456	240	4118		
		Female	2	23	26	181	268	270	284	221	107	168	112	1662		
		Total	18	56	68	389	813	1093	1126	871	370	624	352	5780		
1	RESPIRATORY TUBERCULOSIS(A15-A16)	Male	0	13	15	128	383	640	676	573	222	391	194	3235		
		Female	0	11	13	117	203	181	225	172	70	130	91	1213		
2	TUBERCULOSIS OF NERVOUS SYSTEM(A17)	Male	14	18	25	46	98	108	96	32	8	33	29	507		
		Female	0	8	10	37	30	47	26	25	15	15	9	222		
3	TUBERCULOSIS OF OTHER ORGANS AND MILIARY TUBERCULOSIS(A18-A19)	Male	2	2	2	34	64	75	70	45	33	32	17	376		

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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	
			4	5	6	7	8	9	10	11	12	13	14	15	
		Female	2	4	3	27	35	42	33	24	22	23	12	227	
3	OTHER BACTERIAL DISEASES(A20-A49)	Male	5	43	44	92	184	222	303	297	123	316	97	1726	
		Female	5	56	36	92	134	111	161	175	90	325	76	1261	
		Total	10	99	80	184	318	333	464	472	213	641	173	2987	
1	PLAGUE(A20)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
2	LEPROSY(A30)	Male	0	0	0	0	1	2	4	2	3	2	1	15	
		Female	0	0	0	0	0	1	0	3	1	0	0	5	
3	NEONATAL TETANUS(A33)	Male	4	0	0	0	0	0	0	0	0	0	0	4	
		Female	5	0	0	0	0	0	0	0	0	0	0	5	
4	OTHER TETANUS(A34-A35)	Male	0	1	5	10	2	12	14	11	5	8	2	70	
		Female	0	8	0	4	0	2	2	8	2	8	1	35	
5	DIPHTHERIA(A36)	Male	1	9	0	0	0	0	0	0	0	0	0	10	
		Female	0	5	0	0	0	0	0	0	0	0	0	5	
6	WHOOPING COUGH(A37)	Male	0	0	0	0	0	0	0	0	0	0	1	1	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
7	MENINGOCOCCAL INFECTION(A39)	Male	0	0	0	1	0	0	0	0	1	0	0	2	
		Female	0	1	1	0	3	0	0	1	0	0	0	6	
8	SEPTICAEMIA(A40-A41)	Male	0	26	33	63	148	165	223	249	105	294	82	1388	
		Female	0	38	32	79	129	91	146	152	82	310	73	1132	
9	ALL OTHER TYPES OF BACTERIAL DISEASES(A21-A28,A31-A32,A38,A42-A49)	Male	0	7	6	18	33	43	62	35	9	12	11	236	
		Female	0	4	3	9	2	17	13	11	5	7	2	73	
4	INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION(A50-A64)	Male	0	0	0	0	0	0	1	0	0	0	0	1	
		Female	0	0	0	0	0	0	0	1	0	2	0	3	
		Total	0	0	0	0	0	0	1	1	0	2	0	4	
1	SYPHILIS(A50-A53)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	1	0	1	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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+			
			4	5	6	7	8	9	10	11	12	13	14			15
2	OTHER TYPES OF INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION (A54-A64)	Male	0	0	0	0	0	0	1	0	0	0	0	0	1
		Female	0	0	0	0	0	0	0	1	0	1	0	2	
5	VIRAL DISEASES(A70-A74 & A80-B34)	Male	21	107	129	118	152	230	200	146	84	104	64	1355	
		Female	31	87	119	101	114	115	81	85	34	60	42	869	
		Total	52	194	248	219	266	345	281	231	118	164	106	2224	
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	3	9	11	9	13	11	4	4	5	5	74	
		Female	0	0	3	0	4	1	2	3	3	0	1	17	
3	JAPANESE ENCEPHALITIS(A83.0)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	3	0	0	0	0	0	0	1	4	
4	OTHER VIRAL ENCEPHALITIS(A83.1-A83.9,A84-A86)	Male	10	30	50	29	20	18	26	34	28	19	11	275	
		Female	21	26	41	23	7	14	10	16	10	21	7	196	
5	DENGUE FEVER(A90)	Male	0	8	10	10	0	1	1	1	0	4	1	36	
		Female	0	6	4	3	0	3	0	2	1	1	2	22	
6	OTHER ARTHROPOD-BORNE VIRAL FEVERS AND VIRAL HAEMORRHAGIC FEVERS (A91-A94, A96-A99)	Male	0	50	42	34	43	48	52	51	28	33	19	400	
		Female	0	41	59	26	29	23	31	35	16	29	16	305	
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	1	2	0	0	0	0	0	0	0	1	0	4	
		Female	2	0	0	0	0	0	0	0	0	0	0	2	
9	ACUTE HEPATITIS(B16)	Male	0	1	2	1	7	11	18	10	3	10	3	66	
		Female	0	0	0	4	2	12	3	6	0	1	1	29	
10	OTHER VIRAL HEPATITIS(B15, B17-B19)	Male	0	9	12	30	34	35	30	23	9	19	5	206	
		Female	0	4	7	39	25	16	10	12	1	2	5	121	
11	HUMAN IMMUNODEFICIENCY VIRUS[HIV]DISEASE(B20-B24)	Male	0	0	0	0	36	103	57	20	9	10	20	255	
		Female	0	0	0	0	45	45	21	10	1	4	9	135	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
12	ALL OTHER TYPES OF VIRAL DISEASES(A70-A74,A81,A87-A89,A95, B00-B02,B04,B06-B09 & B25-B34)	Male	10	4	4	3	3	1	5	3	3	3	0	39	
		Female	8	10	5	3	2	1	4	1	2	2	0	38	
6	PROTOZOAL DISEASES(B50-B64)	Male	0	5	5	34	23	46	46	54	12	23	7	255	
		Female	0	3	2	20	16	21	18	15	20	16	4	135	
		Total	0	8	7	54	39	67	64	69	32	39	11	390	
1	MALARIA(B50-B54)	Male	0	5	5	34	23	38	45	54	12	23	6	245	
		Female	0	3	2	20	13	14	18	14	20	16	4	124	
2	ALL OTHER TYPES OF PROTOZOAL DISEASES(B55-B64)	Male	0	0	0	0	0	8	1	0	0	0	1	10	
		Female	0	0	0	0	3	7	0	1	0	0	0	11	
7	OTHER CERTAIN INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS & PARASITIC DISEASES (A65-A69 & A75-A79,B35-B49,B65-B94 & B99)	Male	0	3	8	7	28	46	34	48	3	9	16	202	
		Female	0	2	9	6	19	33	15	26	3	9	6	128	
		Total	0	5	17	13	47	79	49	74	6	18	22	330	
1	FILARIASIS(B74)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	1	0	0	1	
2	OTHER HELMINTHIASIS(B65-B73,B75,B77-B83)	Male	0	0	0	0	1	0	0	0	0	0	0	1	
		Female	0	0	0	2	1	0	0	0	1	0	0	4	
3	OTHER SPIROCHAETAL DISEASES AND RICKETTSIOSSES(A65-A69 & A75-A79)	Male	0	3	0	2	3	0	6	2	1	1	0	18	
		Female	0	2	0	4	0	0	4	6	0	2	1	19	
4	ALL OTHER INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES (B35-B49,B65,B76,B85-B94 & B99)	Male	0	0	8	5	24	46	28	46	2	8	16	183	
		Female	0	0	9	0	18	33	11	20	1	7	5	104	
II	NEOPLASMS (C00-D48)	Male	3	12	57	114	171	345	699	1146	564	1071	184	4366	
		Female	0	21	37	63	177	357	701	754	363	602	138	3213	
		Total	3	33	94	177	348	702	1400	1900	927	1673	322	7579	
8	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	0	15	50	111	111	51	68	27	433	
		Female	0	0	0	0	2	19	39	43	23	49	10	185	
		Total	0	0	0	0	17	69	150	154	74	117	37	618	
1	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	0	15	50	111	111	51	68	27	433	
		Female	0	0	0	0	2	19	39	43	23	49	10	185	
9	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS (C15-C26)	Male	0	0	0	0	29	92	214	392	178	381	54	1340	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		Female	0	0	0	0	28	39	141	179	86	163	30	666	
		Total	0	0	0	0	57	131	355	571	264	544	84	2006	
1	MALIGNANT NEOPLASM OF OESOPHAGUS (C15)	Male	0	0	0	0	3	13	43	91	45	79	13	287	
		Female	0	0	0	0	4	12	30	44	16	33	9	148	
2	MALIGNANT NEOPLASM OF STOMACH (C16)	Male	0	0	0	0	4	19	61	83	42	78	13	300	
		Female	0	0	0	0	5	5	36	34	22	25	6	133	
3	MALIGNANT NEOPLASMS OF SMALL INTESTINE INCLUDING DUODENUM (C17)	Male	0	0	0	0	0	3	2	7	0	0	0	12	
		Female	0	0	0	0	0	1	4	0	0	2	0	7	
4	MALIGNANT NEOPLASM OF COLON (C18)	Male	0	0	0	0	7	12	10	39	14	38	5	125	
		Female	0	0	0	0	3	4	13	11	10	27	6	74	
5	MALIGNANT NEOPLASMS OF RECTOSIGMOID JUNCTION,RECTUM,ANUS AND ANAL CANAL (C19-C21)	Male	0	0	0	0	6	12	32	24	15	27	1	117	
		Female	0	0	0	0	7	6	14	34	9	16	1	87	
6	MALIGNANT NEOPLASMS OF LIVER AND INTRAHEPATIC BILE DUCTS (C22)	Male	0	0	0	0	6	23	36	100	40	106	19	330	
		Female	0	0	0	0	4	6	24	25	15	38	5	117	
7	MALIGNANT NEOPLASM OF PANCREAS (C25)	Male	0	0	0	0	2	4	17	26	12	28	2	91	
		Female	0	0	0	0	4	3	14	19	4	13	0	57	
8	OTHER MALIGNANT NEOPLASM OF DIGESTIVE ORGANS (C23-C24,C26)	Male	0	0	0	0	1	6	13	22	10	25	1	78	
		Female	0	0	0	0	1	2	6	12	10	9	3	43	
10	MALIGNANT NEOPLASMS OF RESPIRATORY & INTRATHORACIC ORGANS (C30-C39)	Male	0	0	0	0	8	41	140	241	137	203	40	810	
		Female	0	0	0	0	9	26	54	61	23	50	11	234	
		Total	0	0	0	0	17	67	194	302	160	253	51	1044	
1	MALIGNANT NEOPLASM OF LARYNX (C32)	Male	0	0	0	0	0	7	32	42	24	38	6	149	
		Female	0	0	0	0	1	1	12	9	2	9	1	35	
2	MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG (C33-C34)	Male	0	0	0	0	6	30	100	194	113	160	33	636	
		Female	0	0	0	0	8	22	41	48	20	40	6	185	
3	OTHER MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (C30-C31,C37-C39)	Male	0	0	0	0	2	4	8	5	0	5	1	25	
		Female	0	0	0	0	0	3	1	4	1	1	4	14	
11	MALIGNANT NEOPLASMS OF BONE,MESOTHELIAL AND SOFT TISSUE,SKIN AND BREAST	Male	0	0	0	0	1	7	11	24	11	11	1	66	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	(C40-C50)	Female	0	0	0	0	42	79	134	143	62	79	26	565	
		Total	0	0	0	0	43	86	145	167	73	90	27	631	
1	MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE (C40-C41)	Male	0	0	0	0	0	6	4	13	9	2	1	35	
		Female	0	0	0	0	6	2	8	8	8	1	1	34	
2	MALIGNANT MELANOMA OF SKIN (C43)	Male	0	0	0	0	0	0	0	2	0	2	0	4	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
3	OTHER MALIGNANT NEOPLASM OF SKIN (C44)	Male	0	0	0	0	0	0	2	3	1	0	0	6	
		Female	0	0	0	0	1	2	1	2	1	0	0	7	
4	MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE (C45-C49)	Male	0	0	0	0	1	1	5	6	1	7	0	21	
		Female	0	0	0	0	0	2	5	1	1	1	1	11	
5	MALIGNANT NEOPLASM OF BREAST (C50)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	35	73	120	132	52	77	24	513	
12	MALIGNANT NEOPLASMS OF GENITOURINARY ORGANS(C51-C68)	Male	0	0	0	0	2	15	21	59	49	152	16	314	
		Female	0	0	0	0	15	75	158	136	77	134	33	628	
		Total	0	0	0	0	17	90	179	195	126	286	49	942	
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	9	32	85	51	48	60	19	304	
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	8	8	29	2	18	5	70	
3	MALIGNANT NEOPLASM OF OVARY (C56)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	5	32	59	40	21	34	8	199	
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	3	9	1	8	1	23	
6	MALIGNANT NEOPLASM OF PROSTATE (C61)	Male	0	0	0	0	0	0	8	29	22	86	6	151	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
7	OTHER MALIGNANT NEOPLASM OF MALE GENITAL ORGANS (C60-C62,C63)	Male	0	0	0	0	2	8	7	11	3	18	2	51	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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	
			4	5	6	7	8	9	10	11	12	13	14	15	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0
8	MALIGNANT NEOPLASM OF BLADDER (C67)	Male	0	0	0	0	0	2	0	12	16	36	7	73	
		Female	0	0	0	0	0	3	3	4	0	12	0	22	
9	OTHER MALIGNANT NEOPLASM OF URINARY TRACT (C64-C66,C68)	Male	0	0	0	0	0	5	6	7	8	12	1	39	
		Female	0	0	0	0	0	0	0	3	5	2	0	10	
13	MALIGNANT NEOPLASMS OF EYE,BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM (C69-C72)	Male	0	1	6	9	21	22	40	25	26	26	4	180	
		Female	0	6	6	3	18	16	20	25	8	16	5	123	
		Total	0	7	12	12	39	38	60	50	34	42	9	303	
1	MALIGNANT NEOPLASMS OF EYE & ADNEXA (C69)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	2	0	0	0	0	0	2	0	0	0	4	
2	MALIGNANT NEOPLASMS OF MENINGES,BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM(C70-C72)	Male	0	1	6	9	21	22	40	25	26	26	4	180	
		Female	0	4	6	3	18	16	20	23	8	16	5	119	
14	MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES(C73-C80 & C97)	Male	0	0	1	20	18	46	55	151	44	90	21	446	
		Female	0	0	7	6	16	46	62	90	38	58	15	338	
		Total	0	0	8	26	34	92	117	241	82	148	36	784	
1	MALIGNANT NEOPLASMS OF OTHER ILL-DEFINED, SECONDARY, UNSPECIFIED AND MULTIPLE SITES(C73-C80 & C97)	Male	0	0	1	20	18	46	55	151	44	90	21	446	
		Female	0	0	7	6	16	46	62	90	38	58	15	338	
15	MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE (C81-C96)	Male	3	11	50	85	72	63	103	137	65	119	21	729	
		Female	0	15	22	49	41	53	79	73	44	48	8	432	
		Total	3	26	72	134	113	116	182	210	109	167	29	1161	
1	HODGKIN'S DISEASE(C81)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	1	2	0	0	0	0	0	3	
2	NON HODGKIN'S LYMPHOMA(C82-C85)	Male	0	0	7	24	29	28	59	80	39	66	11	343	
		Female	0	1	6	10	18	24	40	45	29	28	3	204	
3	MULTIPLE MYELOMA AND MALIGNANT PLASMA CELL NEOPLASMS(C90)	Male	0	1	0	5	3	1	1	1	1	2	1	16	
		Female	0	0	1	0	0	2	3	1	0	0	0	7	
4	LEUKAEMIA(C91-C95)	Male	3	10	43	56	40	31	43	55	25	51	9	366	
		Female	0	14	14	38	22	24	36	26	14	20	5	213	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
5	OTHER MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE (C88 & C96)	Male	0	0	0	0	0	3	0	1	0	0	0	0	4
		Female	0	0	1	1	0	1	0	1	1	0	0	0	5
16	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	1	1	1	1	0	0	0	0	0	4
		Total	0	0	0	1	1	1	1	0	0	0	0	0	4
1	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	1	1	1	1	0	0	0	0	0	4
17	BENIGN NEOPLASMS(D10-D36)	Male	0	0	0	0	1	1	1	4	0	3	0	10	
		Female	0	0	0	2	2	0	2	1	0	0	0	7	
		Total	0	0	0	2	3	1	3	5	0	3	0	17	
1	LEIOMYOMA OF UTERUS(D25)	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
2	ALL OTHER BENIGN NEOPLASMS(D10-D24,D26-D36)	Male	0	0	0	0	1	1	1	4	0	3	0	10	
		Female	0	0	0	2	0	0	2	1	0	0	0	5	
18	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	0	4	8	3	2	3	18	0	38	
		Female	0	0	2	2	3	3	11	3	2	5	0	31	
		Total	0	0	2	2	7	11	14	5	5	23	0	69	
1	OTHER AND UNSPECIFIED NEOPLASM(D37-D48)	Male	0	0	0	0	4	8	3	2	3	18	0	38	
		Female	0	0	2	2	3	3	11	3	2	5	0	31	
III	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50 - D89)	EMale	0	49	62	85	110	159	146	161	69	178	78	1097	
		Female	0	28	38	159	124	78	109	85	66	174	51	912	
		Total	0	77	100	244	234	237	255	246	135	352	129	2009	
19	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50 - D89)	Male	0	49	62	85	110	159	146	161	69	178	78	1097	
		Female	0	28	38	159	124	78	109	85	66	174	51	912	
		Total	0	77	100	244	234	237	255	246	135	352	129	2009	
1	THALASSAEMIA(D56)	Male	0	1	9	1	0	0	0	0	0	0	1	12	
		Female	0	0	4	0	1	0	0	0	0	0	0	5	
2	OTHER ANAEMIAS(D50-D55,D57-D64)	Male	0	34	41	57	81	128	126	127	57	157	70	878	
		Female	0	19	25	131	99	65	91	72	59	155	42	758	
3	ALL OTHER DISEASES OF BLOOD & BLOOD FORMING ORGANS (D65-D77)	Male	0	13	10	24	28	20	20	33	12	21	7	188	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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+				
			4	5	6	7	8	9	10	11	12	13	14	15		
		Female	0	9	9	20	21	13	16	13	7	19	9	136		
4	CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D80-D89)	Male	0	1	2	3	1	11	0	1	0	0	0	19		
		Female	0	0	0	8	3	0	2	0	0	0	0	13		
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	23	5	32	140	270	569	987	684	1640	249	4599		
		Female	0	18	8	35	67	147	319	638	497	1327	181	3237		
		Total	0	41	13	67	207	417	888	1625	1181	2967	430	7836		
20	MALNUTRITION(E40-E46)	Male	0	16	2	2	6	0	6	6	2	22	7	69		
		Female	0	15	5	4	3	1	5	9	4	13	0	59		
		Total	0	31	7	6	9	1	11	15	6	35	7	128		
1	KWASHIORKOR(E40)	Male	0	3	0	0	3	0	0	5	1	5	5	22		
		Female	0	4	1	2	1	0	3	4	2	7	0	24		
2	NUTRITIONAL MARASMUS(E41)	Male	0	5	1	2	0	0	2	1	0	10	1	22		
		Female	0	7	3	0	1	0	0	4	1	2	0	18		
3	OTHER PROTEIN-ENERGY MALNUTRITION(E42-E46)	Male	0	8	1	0	3	0	4	0	1	7	1	25		
		Female	0	4	1	2	1	1	2	1	1	4	0	17		
21	ENDOCRINE,OTHER NUTRITIONAL AND METABOLIC DISEASES(E00-E34 & E50-E89)	Male	0	7	3	30	134	270	563	981	682	1618	242	4530		
		Female	0	3	3	31	64	146	314	629	493	1314	181	3178		
		Total	0	10	6	61	198	416	877	1610	1175	2932	423	7708		
1	DISORDERS OF THYROID GLAND(E00-E07)	Male	0	1	0	1	14	5	17	4	7	16	8	73		
		Female	0	0	0	2	13	19	20	28	14	34	4	134		
2	DIABETES MELLITUS(E10-E14)	Male	0	0	0	21	85	211	493	890	619	1485	213	4017		
		Female	0	0	0	26	42	94	265	559	443	1181	160	2770		
3	ALL OTHER NUTRITIONAL DEFICIENCIES(E50-E64)	Male	0	0	0	1	4	1	2	7	2	1	0	18		
		Female	0	0	3	0	0	0	3	3	1	1	0	11		
4	ALL OTHER ENDOCRINE AND METABOLIC DISEASES(E15-E34 & E65-E89)	Male	0	6	3	7	31	53	51	80	54	116	21	422		
		Female	0	3	0	3	9	33	26	39	35	98	17	263		
V	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	1	11	17	24	8	3	9	1	74		
		Female	0	0	0	1	7	7	7	6	1	1	1	31		

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	Total		0	0	0	2	18	24	31	14	4	10	2	105	
22	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	1	11	17	24	8	3	9	1	74	
		Female	0	0	0	1	7	7	7	6	1	1	1	31	
		Total	0	0	0	2	18	24	31	14	4	10	2	105	
1	MENTAL AND BEHAVIOURAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE (F10-F19)	Male	0	0	0	0	7	12	10	1	1	3	0	34	
		Female	0	0	0	0	1	1	3	0	0	0	0	5	
2	SCHIZOPHRENIA, SCHIZOTYPAL & DELUSIONAL DISORDERS(F20-F29)	Male	0	0	0	1	4	4	7	6	2	3	1	28	
		Female	0	0	0	1	5	2	3	3	1	1	1	17	
3	ALL OTHER MENTAL BEHAVIOURAL DISORDERS(F01-F09,F30-F99)	Male	0	0	0	0	0	1	7	1	0	3	0	12	
		Female	0	0	0	0	1	4	1	3	0	0	0	9	
VI	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	125	86	136	142	205	268	256	222	146	320	95	2001	
		Female	83	79	97	107	105	125	135	107	66	203	55	1162	
		Total	208	165	233	249	310	393	391	329	212	523	150	3163	
23	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYTEM(G00-G09)	Male	119	58	69	84	133	144	128	99	55	83	47	1019	
		Female	70	63	74	80	77	75	63	63	26	42	34	667	
		Total	189	121	143	164	210	219	191	162	81	125	81	1686	
1	MENINGITIS(G00 & G03)	Male	96	18	35	30	72	90	55	48	21	34	22	521	
		Female	61	34	26	36	34	37	28	25	14	17	19	331	
2	ENCEPHALITIS,MYELITIS AND ENCEPHALOMYELITIS(G04)	Male	21	40	30	45	47	50	62	44	28	41	25	433	
		Female	9	27	44	23	29	24	28	26	11	18	9	248	
3	OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM(G06,G08-G09)	Male	2	0	4	9	14	4	11	7	6	8	0	65	
		Female	0	2	4	21	14	14	7	12	1	7	6	88	
24	OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G98)	Male	6	28	67	58	72	124	128	123	91	237	48	982	
		Female	13	16	23	27	28	50	72	44	40	161	21	495	
		Total	19	44	90	85	100	174	200	167	131	398	69	1477	
1	ALZHEIMER'S DISEASE(G30)	Male	0	0	0	0	0	0	0	0	0	16	1	17	
		Female	0	0	0	0	0	0	0	0	0	13	0	13	
2	EPILEPSY(G40-G41)	Male	0	7	34	14	30	35	31	24	12	9	9	205	
		Female	0	8	16	17	5	11	5	5	12	12	6	97	

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MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	ALL OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G25,G31,G35-G37,G43-G98)	Male	6	21	33	44	42	89	97	99	79	212	38	760	
		Female	13	8	7	10	23	39	67	39	28	136	15	385	
VII	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	1	0	0	1	0	2	
		Female	0	0	0	0	0	0	0	1	0	0	0	1	
		Total	0	0	0	0	0	0	1	1	0	1	0	3	
25	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	1	0	0	1	0	2	
		Female	0	0	0	0	0	0	0	1	0	0	0	1	
		Total	0	0	0	0	0	0	1	1	0	1	0	3	
1	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0	0	0	0	0	0	1	0	0	1	0	2	
		Female	0	0	0	0	0	0	0	1	0	0	0	1	
VIII	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	1	0	0	1	1	2	0	0	5	
		Female	0	0	0	3	0	0	0	0	0	0	0	3	
		Total	0	0	0	4	0	0	1	1	2	0	0	8	
26	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	1	0	0	1	1	2	0	0	5	
		Female	0	0	0	3	0	0	0	0	0	0	0	3	
		Total	0	0	0	4	0	0	1	1	2	0	0	8	
1	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	1	0	0	1	1	2	0	0	5	
		Female	0	0	0	3	0	0	0	0	0	0	0	3	
IX	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	7	29	62	132	946	2003	3559	5219	2920	7610	1262	23749	
		Female	5	19	54	142	502	774	1417	2275	1871	5497	628	13184	
		Total	12	48	116	274	1448	2777	4976	7494	4791	13107	1890	36933	
27	ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASES(I00-I09)	Male	7	29	62	132	53	76	86	66	41	52	21	625	
		Female	5	19	54	142	102	90	100	73	27	59	19	690	
		Total	12	48	116	274	155	166	186	139	68	111	40	1315	
1	ACUTE RHEUMATIC FEVER(I00-I02)	Male	7	19	15	14	1	1	2	1	2	4	1	67	
		Female	0	8	12	19	1	1	3	1	0	1	2	48	
2	CHRONIC RHEUMATIC HEART DISEASES(I05-I09)	Male	0	10	47	118	52	75	84	65	39	48	20	558	
		Female	5	11	42	123	101	89	97	72	27	58	17	642	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
28	HYPERTENSIVE DISEASES(I10-I15)	Male	0	0	0	0	57	139	380	617	352	974	164	2683	
		Female	0	0	0	0	28	63	210	308	235	866	79	1789	
		Total	0	0	0	0	85	202	590	925	587	1840	243	4472	
1	HYPERTENSIVE HEART DISEASES(I11)	Male	0	0	0	0	12	6	42	64	35	80	18	257	
		Female	0	0	0	0	4	6	13	19	25	64	8	139	
2	ALL OTHER HYPERTENSIVE DISEASES(I10,I12-I15)	Male	0	0	0	0	45	133	338	553	317	894	146	2426	
		Female	0	0	0	0	24	57	197	289	210	802	71	1650	
29	ISCHAEMIC HEART DISEASES(I20-I25)	Male	0	0	0	0	307	820	1481	2245	1158	3436	581	10028	
		Female	0	0	0	0	88	251	501	894	754	2377	262	5127	
		Total	0	0	0	0	395	1071	1982	3139	1912	5813	843	15155	
1	ACUTE MYOCARDIAL INFARCTION(I21-I22)	Male	0	0	0	0	245	561	892	1204	580	1926	376	5784	
		Female	0	0	0	0	61	156	269	415	393	1388	161	2843	
2	ALL OTHER ISCHAEMIC HEART DISEASES(I20& I23-I25)	Male	0	0	0	0	62	259	589	1041	578	1510	205	4244	
		Female	0	0	0	0	27	95	232	479	361	989	101	2284	
30	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART DISEASE(I26-I51)	Male	0	0	0	0	270	369	704	933	583	1420	224	4503	
		Female	0	0	0	0	139	174	279	435	389	1045	113	2574	
		Total	0	0	0	0	409	543	983	1368	972	2465	337	7077	
1	PULMONARY HEART DISEASES AND DISEASES OF PULMONARY CIRCULATION(I26-I28)	Male	0	0	0	0	61	102	196	280	213	468	53	1373	
		Female	0	0	0	0	43	51	87	143	149	312	29	814	
2	OTHER FORMS OF HEART DISEASES(I30-I51)	Male	0	0	0	0	209	267	508	653	370	952	171	3130	
		Female	0	0	0	0	96	123	192	292	240	733	84	1760	
31	CEREBROVASCULAR DISEASES(I60-I69)	Male	0	0	0	0	232	532	823	1241	702	1617	247	5394	
		Female	0	0	0	0	123	176	288	524	431	1059	139	2740	
		Total	0	0	0	0	355	708	1111	1765	1133	2676	386	8134	
1	CEREBROVASCULAR DISEASES(I60-I69)	Male	0	0	0	0	232	532	823	1241	702	1617	247	5394	
		Female	0	0	0	0	123	176	288	524	431	1059	139	2740	
32	OTHER DISEASES OF THE CIRCULATORY SYSTEM(I70-I99)	Male	0	0	0	0	27	67	85	117	84	111	25	516	
		Female	0	0	0	0	22	20	39	41	35	91	16	264	
		Total	0	0	0	0	49	87	124	158	119	202	41	780	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	ATHEROSCLEROSIS(I70)	Male	0	0	0	0	4	11	15	20	18	17	3	88	
		Female	0	0	0	0	4	1	11	10	3	14	2	45	
2	ARTERIAL EMBOLISM AND THROMBOSIS(I74)	Male	0	0	0	0	1	2	1	0	0	1	0	5	
		Female	0	0	0	0	0	1	1	1	0	5	0	8	
3	OTHER DISEASES OF ARTERIES, ARTERIOLES & CAPILLARIES(I71-I73 & I77-I78)	Male	0	0	0	0	4	7	17	43	27	45	4	147	
		Female	0	0	0	0	2	4	7	19	7	19	5	63	
4	PHLEBITIS,THROMBOPHLEBITIS,VENOUS EMBOLISM AND THROMBOSIS(I80-I82)	Male	0	0	0	0	9	29	40	29	18	24	5	154	
		Female	0	0	0	0	5	6	8	4	6	11	2	42	
5	ALL OTHER DISEASES OF THE CIRCULATORY SYSTEM(I83-I99)	Male	0	0	0	0	9	18	12	25	21	24	13	122	
		Female	0	0	0	0	11	8	12	7	19	42	7	106	
X	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0	74	102	144	281	525	799	1237	827	2088	374	6451	
		Female	0	70	64	190	213	261	334	540	354	1120	134	3280	
		Total	0	144	166	334	494	786	1133	1777	1181	3208	508	9731	
33	DISEASES OF THE UPPER RESPIRATORY TRACT(J00-J06 & J30-J39)	Male	0	8	5	1	3	4	3	3	10	7	2	46	
		Female	0	5	3	1	4	1	3	3	2	5	0	27	
		Total	0	13	8	2	7	5	6	6	12	12	2	73	
1	ACUTE PHARYNGITIS AND ACUTE TONSILLITIS(J02-J03)	Male	0	8	5	1	0	1	0	0	0	0	1	16	
		Female	0	5	3	0	1	0	0	0	1	0	0	10	
2	ACUTE LARYNGITIS AND TRACHEITIS(J04)	Male	0	0	0	0	0	0	0	0	0	1	0	1	
		Female	0	0	0	1	0	0	0	0	0	0	0	1	
3	OTHER ACUTE UPPER RESPIRATORY INFECTIONS(J00-J01 & J05-J06)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	1	0	0	0	0	1	
4	ALL OTHER DISEASES OF UPPER RESPIRATORY TRACT(J30-J39)	Male	0	0	0	0	3	3	3	3	10	6	1	29	
		Female	0	0	0	0	3	1	2	3	1	5	0	15	
34	LOWER RESPIRATORY DISEASES(J20-J22 & J40-J47)	Male	0	0	0	1	46	150	292	704	513	1304	218	3228	
		Female	0	0	0	2	35	60	136	281	196	634	68	1412	
		Total	0	0	0	3	81	210	428	985	709	1938	286	4640	
1	ACUTE BRONCHITIS AND ACUTE BRONCHIOLITIS(J20-J21)	Male	0	0	0	0	1	0	0	0	3	4	1	9	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		Female	0	0	0	0	0	0	0	0	0	0	1	0	1
2	BRONCHITIS, CHRONIC AND UNSPECIFIED EMPHYSEMA(J40-J43)	Male	0	0	0	1	1	7	17	18	22	80	11	157	
		Female	0	0	0	2	6	0	5	16	16	44	4	93	
3	ASTHMA(J45-J46)	Male	0	0	0	0	12	33	76	143	89	227	46	626	
		Female	0	0	0	0	13	27	28	80	63	187	25	423	
4	OTHER LOWER RESPIRATORY DISORDERS(J22,J44 & J47)	Male	0	0	0	0	32	110	199	543	399	993	160	2436	
		Female	0	0	0	0	16	33	103	185	117	402	39	895	
35	OTHER DISEASES OF THE RESPIRATORY SYSTEM(J10-J18,J60-J98)	Male	0	66	97	142	232	371	504	530	304	777	154	3177	
		Female	0	65	61	187	174	200	195	256	156	481	66	1841	
		Total	0	131	158	329	406	571	699	786	460	1258	220	5018	
1	INFLUENZA(J10-J11)	Male	0	1	0	0	1	1	0	1	2	3	1	10	
		Female	0	0	0	4	1	5	0	2	0	0	0	12	
2	PNEUMONIA(J12-J18)	Male	0	42	49	65	116	172	221	255	137	397	62	1516	
		Female	0	29	38	103	81	100	87	134	72	240	36	920	
3	PLEURISY(J90)	Male	0	0	3	5	11	21	32	33	24	47	16	192	
		Female	0	0	0	6	10	13	15	17	15	28	3	107	
4	ALL OTHER DISEASES OF THE RESPIRATORY SYSTEM(J60-J86,J92-J98)	Male	0	23	45	72	104	177	251	241	141	330	75	1459	
		Female	0	36	23	74	82	82	93	103	69	213	27	802	
XI	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0	25	62	197	576	1367	1506	1261	444	694	334	6466	
		Female	0	18	40	108	123	223	265	302	150	303	76	1608	
		Total	0	43	102	305	699	1590	1771	1563	594	997	410	8074	
36	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	0	2	1	0	4	1	2	5	3	18	
		Female	0	0	1	1	2	3	0	2	0	1	0	10	
		Total	0	0	1	3	3	3	4	3	2	6	3	28	
1	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS(K00-K14)	Male	0	0	0	2	1	0	4	1	2	5	3	18	
		Female	0	0	1	1	2	3	0	2	0	1	0	10	
37	DISEASES OF THE OTHER PARTS OF DIGESTIVE SYSTEM(K20-K92)	Male	0	25	62	195	575	1367	1502	1260	442	689	331	6448	
		Female	0	18	39	107	121	220	265	300	150	302	76	1598	
		Total	0	43	101	302	696	1587	1767	1560	592	991	407	8046	
1	GASTRIC AND DUODENAL ULCER(K25-K27)	Male	0	0	0	1	7	8	16	17	15	17	5	86	

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MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14	15	
		Female	0	0	0	1	4	10	2	3	7	14	1	42	
2	GASTRITIS AND DUODENITIS (K29)	Male	0	0	0	0	0	0	1	1	0	3	4	9	
		Female	0	0	0	0	0	1	0	0	0	0	0	1	
3	DISEASES OF APPENDIX(K35-K38)	Male	0	0	2	9	17	33	37	26	25	38	6	193	
		Female	0	0	1	5	9	6	12	6	10	7	2	58	
4	HERNIA(K40-K46)	Male	0	0	0	1	3	2	6	9	9	25	4	59	
		Female	0	0	0	4	0	1	1	4	1	5	3	19	
5	PARALYTIC ILEUS AND INTESTINAL OBSTRUCTION WITHOUT HERNIA(K56)	Male	0	0	0	2	4	11	24	32	10	30	7	120	
		Female	0	0	0	1	4	10	11	19	8	29	5	87	
6	PERITONITIS(K65)	Male	0	0	0	16	31	66	51	90	32	70	27	383	
		Female	0	0	0	13	21	16	31	16	12	28	18	155	
7	DISEASES OF THE LIVER(K70-K76)	Male	0	23	50	118	412	1064	1164	853	274	334	224	4516	
		Female	0	17	35	60	50	137	172	134	91	128	31	855	
8	CHOLELITHIASIS AND CHOLECYSTITIS(K80-K81)	Male	0	0	0	0	2	2	13	11	4	13	4	49	
		Female	0	0	0	0	5	4	6	7	1	13	1	37	
9	DISORDERS OF THE PANCREAS(K85-K86)	Male	0	0	0	25	54	89	82	45	14	18	6	333	
		Female	0	0	0	5	10	9	15	11	2	19	2	73	
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	10	23	45	92	108	176	59	141	44	700	
		Female	0	1	3	18	18	26	15	100	18	59	13	271	
XII	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	0	8	23	45	107	98	51	149	27	508	
		Female	0	0	3	14	12	22	42	46	25	90	10	264	
		Total	0	0	3	22	35	67	149	144	76	239	37	772	
38	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	0	8	23	45	107	98	51	149	27	508	
		Female	0	0	3	14	12	22	42	46	25	90	10	264	
		Total	0	0	3	22	35	67	149	144	76	239	37	772	
1	INFECTIONS OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L08)	Male	0	0	0	4	17	32	92	86	39	128	23	421	
		Female	0	0	0	4	4	14	30	40	24	78	7	201	
2	ALL OTHER DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L10-L98)	Male	0	0	0	4	6	13	15	12	12	21	4	87	

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MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		Female	0	0	3	10	8	8	12	6	1	12	3	63	
XIII	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	Male	0	0	0	8	8	13	13	18	9	24	14	107	
	(M00-M99)	Female	0	0	0	2	6	10	11	14	13	23	5	84	
		Total	0	0	0	10	14	23	24	32	22	47	19	191	
39	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	Male	0	0	0	8	8	13	13	18	9	24	14	107	
	(M00-M99)	Female	0	0	0	2	6	10	11	14	13	23	5	84	
		Total	0	0	0	10	14	23	24	32	22	47	19	191	
1	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES(M05-M13)	Male	0	0	0	1	1	1	3	2	1	10	5	24	
		Female	0	0	0	0	2	4	7	7	5	10	3	38	
2	OSTEOMYELITIS(M86)	Male	0	0	0	0	0	0	0	1	0	0	0	1	
		Female	0	0	0	0	0	0	0	0	0	1	0	1	
3	ALL OTHER DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M02,M15-M43,M45-M85,M87-M99)	Male	0	0	0	7	7	12	10	15	8	14	9	82	
		Female	0	0	0	2	4	6	4	7	8	12	2	45	
XIV	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	8	12	77	152	252	354	552	319	683	135	2544	
		Female	0	4	12	76	87	139	212	299	220	416	63	1528	
		Total	0	12	24	153	239	391	566	851	539	1099	198	4072	
40	DISEASES OF URINARY SYSTEM(N00-N39)	Male	0	8	12	77	152	240	340	524	308	656	131	2448	
		Female	0	4	12	76	83	136	201	290	218	412	62	1494	
		Total	0	12	24	153	235	376	541	814	526	1068	193	3942	
1	GLOMERULAR DISEASES(INCLUDING NEPHRITIC SYNDROME)(N00-N07)	Male	0	8	11	8	5	5	9	9	0	5	3	63	
		Female	0	4	10	9	4	14	6	3	1	3	1	55	
2	RENAL TUBULO-INTERSTITIAL DISEASES(N10-N15)	Male	0	0	0	6	2	9	9	18	9	13	5	71	
		Female	0	0	0	8	4	14	12	9	3	10	5	65	
3	RENAL FAILURE(N17-N19)	Male	0	0	0	53	116	183	256	378	231	453	97	1767	
		Female	0	0	0	45	66	98	131	201	170	279	42	1032	
4	UROLITHIASIS(N20-N23)	Male	0	0	0	0	0	0	2	0	2	1	1	6	
		Female	0	0	0	0	0	0	0	0	0	1	0	1	
5	OTHER DISORDERS OF KIDNEY AND URETER(N25-N28)	Male	0	0	1	6	13	25	44	56	33	42	11	231	
		Female	0	0	2	3	6	3	18	34	18	41	3	128	

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MG/ CAT/ SC	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+			
			4	5	6	7	8	9	10	11	12	13	14			15
6	ALL OTHER DISEASES OF URINARY SYSTEM(N30-N39)	Male	0	0	0	4	16	18	20	63	33	142	14	310	
		Female	0	0	0	11	3	7	34	43	26	78	11	213	
41	OTHER DISEASES OF THE GENITOURINARY SYSTEM(N40-N99)	Male	0	0	0	0	0	12	14	28	11	27	4	96	
		Female	0	0	0	0	4	3	11	9	2	4	1	34	
		Total	0	0	0	0	4	15	25	37	13	31	5	130	
1	HYPERPLASIA OF PROSTATE(N40)	Male	0	0	0	0	0	0	0	3	4	12	1	20	
		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	0	12	14	25	7	15	3	76	
		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	1	0	5	1	0	0	0	7	
4	ALL OTHER DISEASES OF FEMALE GENITAL ORGANS(N60-N64,N71-N76,N80-N99)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	3	3	6	8	2	4	1	27	
XV	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (000-099)	Female	0	0	0	402	340	55	0	0	0	0	44	841	
		Total	0	0	0	402	340	55	0	0	0	0	44	841	
42	PREGNANCY WITH ABORTIVE OUTCOME (000-008)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	22	10	5	0	0	0	0	0	37	
		Total	0	0	0	22	10	5	0	0	0	0	0	37	
1	SPONTANEOUS ABORTION (003)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	1	0	0	0	0	0	0	1	
2	MEDICAL ABORTION(004)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	1	0	0	0	0	0	0	0	1	
3	OTHER PREGNANCIES WITH ABORTIVE OUTCOME(000-002 & 005-008)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	21	9	5	0	0	0	0	0	35	
43	OTHER DIRECT OBSTETRIC DEATHS (O10-O92)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	362	316	47	0	0	0	0	43	768	
		Total	0	0	0	362	316	47	0	0	0	0	43	768	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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+				
			4	5	6	7	8	9	10	11	12	13	14			15
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	75	63	6	0	0	0	0	0	0	12	156
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	0	0	0	0	0	0	0	0	0	0	0
3	OBSTRUCTED LABOUR(O64-O66)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	2	0	0	0	0	0	0	0	2
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	144	133	21	0	0	0	0	0	0	21	319
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	143	120	18	0	0	0	0	0	10	291	0
44	OTHER OBSTETRIC CONDITIONS,NOT ELSEWHERE CLASSIFIED(O95-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	18	14	3	0	0	0	0	0	1	36	0
		Total	0	0	0	18	14	3	0	0	0	0	0	1	36	0
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	16	13	2	0	0	0	0	0	1	32	0
2	ALL OTHER OBSTETRIC CONDITIONS,NOT ELSEWHERE CLASSIFIED (O95-O97)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	2	1	1	0	0	0	0	0	0	4	0
XVI	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	7090	0	0	0	0	0	0	0	0	0	0	0	0	7090
		Female	4412	0	0	0	0	0	0	0	0	0	0	0	0	4412
		Total	11502	0	0	0	0	0	0	0	0	0	0	0	0	11502
45	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	Male	7090	0	0	0	0	0	0	0	0	0	0	0	0	7090
		Female	4412	0	0	0	0	0	0	0	0	0	0	0	0	4412
		Total	11502	0	0	0	0	0	0	0	0	0	0	0	0	11502
1	SLOW FETAL GROWTH,FETAL MALNUTRITION AND IMMATUREITY (P05-P07)	Male	2992	0	0	0	0	0	0	0	0	0	0	0	2992	0
		Female	1817	0	0	0	0	0	0	0	0	0	0	0	1817	0
2	BIRTH TRAUMA(P10-P15)	Male	6	0	0	0	0	0	0	0	0	0	0	0	6	0
		Female	2	0	0	0	0	0	0	0	0	0	0	0	2	0

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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	
			4	5	6	7	8	9	10	11	12	13	14	15	
3	HYPOXIA,BIRTH ASPHYXIA AND OTHER RESPIRATORY CONDITIONS(P20-P28)	Male	2544	0	0	0	0	0	0	0	0	0	0	0	2544
		Female	1657	0	0	0	0	0	0	0	0	0	0	0	1657
4	HAEMOLYTIC DISEASE OF FETUS AND NEW-BORN (P55)	Male	3	0	0	0	0	0	0	0	0	0	0	0	3
		Female	8	0	0	0	0	0	0	0	0	0	0	0	8
5	OTHER PERINATAL JAUNDICE(P58-P59)	Male	46	0	0	0	0	0	0	0	0	0	0	0	46
		Female	20	0	0	0	0	0	0	0	0	0	0	0	20
6	ALL OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P04,P08,P29-P5 P56-P57,P60-P96)	Male	1499	0	0	0	0	0	0	0	0	0	0	0	1499
		Female	908	0	0	0	0	0	0	0	0	0	0	0	908
XVII	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	709	273	119	0	0	0	0	0	0	0	0	0	1101
		Female	389	222	93	0	0	0	0	0	0	0	0	0	704
		Total	1098	495	212	0	0	0	0	0	0	0	0	0	1805
46	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	709	273	119	0	0	0	0	0	0	0	0	0	1101
		Female	389	222	93	0	0	0	0	0	0	0	0	0	704
		Total	1098	495	212	0	0	0	0	0	0	0	0	0	1805
1	SPINA BIFIDA(Q05)	Male	13	5	1	0	0	0	0	0	0	0	0	0	19
		Female	7	2	1	0	0	0	0	0	0	0	0	0	10
2	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM(Q20-Q28)	Male	419	146	58	0	0	0	0	0	0	0	0	0	623
		Female	259	120	43	0	0	0	0	0	0	0	0	0	422
3	CLEFT LIP AND CLEFT PALATE(Q35-Q37)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0
4	ALL OTHER CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES NOT ELSEWHERE CLASSIFIED(Q00-Q04,Q06-Q07,Q10-Q18,Q30-Q34,Q38-Q99)	Male	277	122	60	0	0	0	0	0	0	0	0	0	459
		Female	123	100	49	0	0	0	0	0	0	0	0	0	272
XVIII	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R00-R99)	Male	0	5	17	41	85	93	114	133	106	356	69	1019	
		Female	0	1	22	21	41	33	45	72	44	292	40	611	
		Total	0	6	39	62	126	126	159	205	150	648	109	1630	
47	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R00-R99)	Male	0	5	17	41	85	93	114	133	106	356	69	1019	
		Female	0	1	22	21	41	33	45	72	44	292	40	611	
		Total	0	6	39	62	126	126	159	205	150	648	109	1630	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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
			4	5	6	7	8	9	10	11	12	13	14	15
1	ABDOMINAL AND PELVIC PAIN(R10)	Male	0	0	1	3	1	3	2	4	1	5	3	23
		Female	0	0	0	1	5	1	1	0	3	1	3	15
2	ASCITES(R18)	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	SOMNOLENCE, STUPOR AND COMA(R40)	Male	0	0	0	0	0	0	0	0	0	0	2	2
		Female	0	0	0	0	0	0	0	0	0	3	0	3
4	FEVER OF UNKNOWN ORIGIN(R50)	Male	0	0	0	1	6	4	7	2	5	5	1	31
		Female	0	0	0	2	2	1	2	4	0	7	1	19
5	SENILITY(R54)	Male	0	0	0	0	0	0	0	0	9	102	9	120
		Female	0	0	0	0	0	0	0	0	5	89	2	96
6	SYNCOPE AND COLLAPSE(R55)	Male	0	0	0	0	0	0	3	0	0	0	0	3
		Female	0	0	0	0	0	0	0	0	0	0	0	0
7	CONVULSIONS, NOT ELSEWHERE CLASSIFIED(R56)	Male	0	0	3	0	4	6	4	4	0	7	0	28
		Female	0	0	1	3	2	0	0	1	0	9	0	16
8	SHOCK, NOT ELSEWHERE CLASSIFIED(R57)	Male	0	0	0	3	4	3	14	13	12	22	6	77
		Female	0	0	1	0	8	3	1	7	3	17	1	41
9	ALL OTHER SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R00-R09,R11-R17,R19-R39,R41-R49,R51-R53,R58-R99)	Male	0	5	13	34	70	77	84	110	79	215	48	735
		Female	0	1	20	15	24	28	41	60	33	166	33	421
XIX	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	37	96	241	1343	1898	1572	1351	989	275	479	580	8861
		Female	27	72	182	1383	1192	680	397	319	143	326	219	4940
		Total	64	168	423	2726	3090	2252	1748	1308	418	805	799	13801
48	FRACTURES(S02,S12,S22,S32,S42,S52,S62,S72,S82,S92,T10,T12,T02,T08)	Male	2	3	5	40	51	36	32	38	4	25	11	247
		Female	0	0	3	6	2	4	9	5	5	18	0	52
		Total	2	3	8	46	53	40	41	43	9	43	11	299
1	FRACTURE OF SKULL AND FACIAL BONES(S02)	Male	0	0	0	4	0	0	0	2	0	0	0	6
		Female	0	0	0	0	0	0	0	0	0	2	0	2

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14	15	
2	FRACTURE OF NECK,THORAX OR PELVIS(S12,S22,S32 & T08)	Male	0	0	1	3	2	2	0	5	0	1	2	16	
		Female	0	0	0	0	0	0	0	2	0	0	0	2	
3	FRACTURE OF UPPER LIMB(S42,S52,S62 & T10)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	1	0	0	2	0	0	0	0	3	
4	FRACTURE OF LOWER LIMB(S72,S82,S92 & T12)	Male	0	0	2	3	7	4	7	5	1	15	1	45	
		Female	0	0	0	0	0	0	2	2	3	9	0	16	
5	FRACTURES INVOLVING MULTIPLE BODY REGIONS, AND OF UNSPECIFIED BODY REGION (T02)	Male	2	3	2	30	42	30	25	26	3	9	8	180	
		Female	0	0	3	5	2	4	5	1	2	7	0	29	
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	3	14	4	9	12	4	3	1	4	54	
		Female	0	0	1	2	0	0	1	3	1	11	0	19	
		Total	0	0	4	16	4	9	13	7	4	12	4	73	
50	INTRACRANIAL AND INTERNAL INJURIES INCLUDING NERVES(S04,S06,S14 S26-S27,S34,S36-S37,S44,S54,S64,S74,S84 & S94)	Male	3	6	17	128	176	171	142	98	34	64	32	871	
		Female	1	4	15	29	24	30	27	19	9	20	8	186	
		Total	4	10	32	157	200	201	169	117	43	84	40	1057	
51	CRUSHING INJURIES AND TRAUMATIC AMPUTATIONS OF SPECIFIED AND MULTIPLE BODY REGIONS (S07-S08,S17-S18,S28,S38,S47-S48,S57,S77-S78, S87-S88, S98-S98, T04-T05)	Male	0	0	2	4	9	7	8	3	5	4	12	54	
		Female	0	0	0	1	0	1	0	3	0	1	0	6	
		Total	0	0	2	5	9	8	8	6	5	5	12	60	
52	OTHER INJURIES OF SPECIFIED,UNSPECIFIED AND MULTIPLE BODY REGIONS (S00-S01, S15-S16,S19-S21,S25,S29-S31,S35,S39-S41,S45-S46,S49,S51, S55-S56, S59-S61,S65-S66,S69-S71,S75-S76,S79-S81,S85-S86,S90-S91,S95-S96,S99, T00-T01,T06,T07,T09,T11,T13-T14)	Male	7	28	69	394	502	485	464	358	124	215	181	2827	
		Female	7	15	37	78	74	69	91	87	37	88	18	601	
		Total	14	43	106	472	576	554	555	445	161	303	199	3428	
53	EFFECTS OF FOREIGN BODY ENTERING THROUGH NATURAL ORIFICE(T15-T19)	Male	2	1	1	0	0	0	3	0	0	3	1	11	
		Female	0	0	2	0	0	0	0	0	2	0	0	4	
		Total	2	1	3	0	0	0	3	0	2	3	1	15	
54	BURNS AND CORROSIONS(T20-T32)	Male	12	29	50	194	304	209	127	126	7	35	82	1175	
		Female	10	29	62	690	722	329	101	104	40	101	108	2296	
		Total	22	58	112	884	1026	538	228	230	47	136	190	3471	
55	POISONINGS BY DRUGS AND BIOLOGICAL SUBSTANCES,AND TOXIC EFFECTS OF SUBSTANCES CHIEFLY NON-MEDICINAL AS TO SOURCE(T36-T50,T51-65)	Male	11	25	75	523	793	598	529	341	95	124	252	3366	
		Female	9	23	61	536	346	238	163	89	47	79	77	1668	
		Total	20	48	136	1059	1139	836	692	430	142	203	329	5034	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14	15	
56	OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES AND CERTAIN EARLY COMPLICATIONS OF TRAUMA (T33-T35,T66-T78 & T79)	Male	0	3	18	44	53	48	30	10	3	6	2	217	
		Female	0	1	0	41	23	8	5	6	0	7	8	99	
		Total	0	4	18	85	76	56	35	16	3	13	10	316	
57	COMPLICATIONS OF SURGICAL AND MEDICAL CARE NOT ELSEWHERE CLASSIFIED (T80-T88)	Male	0	1	1	1	5	8	4	9	0	2	3	34	
		Female	0	0	1	0	1	1	0	3	2	1	0	9	
		Total	0	1	2	1	6	9	4	12	2	3	3	43	
58	LATE EFFECTS OF INJURIES, OF POISONING AND OF OTHER CONSEQUENCES OF EXTERNAL CAUSES(T90-T98)	Male	0	0	0	1	1	1	0	2	0	0	0	5	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
		Total	0	0	0	1	1	1	0	2	0	0	0	5	
XX	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male	37	96	241	1343	1898	1572	1351	989	275	479	580	8861	
		Female	27	72	182	1383	1192	680	397	319	143	326	219	4940	
		Total	64	168	423	2726	3090	2252	1748	1308	418	805	799	13801	
E48	TRANSPORT ACCIDENTS(V01-V99)	Male	7	25	63	396	509	506	458	368	102	212	148	2794	
		Female	3	11	38	67	54	71	103	74	32	72	19	544	
		Total	10	36	101	463	563	577	561	442	134	284	167	3338	
1	RAILWAY ACCIDENTS(V05,V15,V80.6,V81)	Male	0	0	0	4	3	3	3	3	0	3	0	19	
		Female	0	0	0	1	0	2	2	3	0	0	0	8	
2	MOTOR VEHICLE TRAFFIC ACCIDENTS (V02-V04,V09.2-V09.3,V12-V14,V20-V29,V30-V39 V50-V59,V60-V69,V70-V79,V80.3-V80.5,V82.1,V87.0-V87.5 & V87.7-V87.8,V88.0-V88.5,V88.92)	Male	7	24	63	390	501	498	453	363	101	208	146	2754	
		Female	3	11	38	66	54	69	101	71	32	72	19	536	
3	OTHER ROAD VEHICLE ACCIDENTS(V01,V06,V09.0-V09.1,V10-V11,V16-V18,V80.0-V80. V82.0,V82.2-V82.9,V87.9,V88.0-V88.5,V88.7-V88.9 & V89.0-V89.1)	Male	0	1	0	0	0	1	0	1	1	1	0	5	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
4	WATER TRANSPORT ACCIDENTS(V90-V94)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
5	AIR AND SPACE TRANSPORT ACCIDENTS(V95-V97)	Male	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
6	ALL OTHER TRANSPORT ACCIDENTS(V09.1,V09.9,V19,V83-V86,V89.3,V89.9 & V98-V99)	Male	0	0	0	2	5	4	2	1	0	0	2	16	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	
E49	ACCIDENTAL FALLS(W00-W19)	Male	1	2	4	17	22	25	28	25	7	18	13	162	

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MG/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
			4	5	6	7	8	9	10	11	12	13	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		Female	3	2	6	3	1	7	3	6	2	17	0	50	
		Total	4	4	10	20	23	32	31	31	9	35	13	212	
E50	ACCIDENTAL DROWNING AND SUBMERSION(W65-W74)	Male	0	3	14	14	20	15	10	4	1	0	0	81	
		Female	0	0	3	2	3	0	3	2	0	4	0	17	
		Total	0	3	17	16	23	15	13	6	1	4	0	98	
E51	EXPOSURE TO SMOKE, FIRE AND FLAMES(X00-X09)	Male	14	31	52	157	253	170	112	116	7	31	71	1014	
		Female	12	31	63	583	635	277	87	101	37	88	102	2016	
		Total	26	62	115	740	888	447	199	217	44	119	173	3030	
E52	ACCIDENTAL POISONING BY AND EXPOSURE TO NOXIOUS SUBSTANCES(X40-X49)	Male	5	14	21	63	97	75	70	32	15	11	30	433	
		Female	3	7	22	52	42	54	16	9	10	6	9	230	
		Total	8	21	43	115	139	129	86	41	25	17	39	663	
E53	INTENTIONAL SELF-HARM(SUICIDE-ATTEMPTED)(X60-X84)	Male	0	0	0	447	713	524	436	257	65	93	216	2751	
		Female	0	0	0	565	358	198	130	59	31	55	74	1470	
		Total	0	0	0	1012	1071	722	566	316	96	148	290	4221	
E54	ASSAULT(HOMICIDE)(X85-Y09)	Male	0	0	3	19	29	24	23	22	9	17	9	155	
		Female	0	0	0	15	17	11	3	2	1	5	2	56	
		Total	0	0	3	34	46	35	26	24	10	22	11	211	
E55	OTHER VIOLENCE(Y10-Y36)	Male	0	0	2	10	16	19	14	9	4	1	0	75	
		Female	0	0	4	6	2	4	1	1	0	0	0	18	
		Total	0	0	6	16	18	23	15	10	4	1	0	93	
1	EVENT OF UNDERTERMINED INTENT(Y10-Y34)	Male	0	0	2	10	16	19	14	9	4	1	0	75	
		Female	0	0	4	6	2	4	1	1	0	0	0	18	
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	1	0	0	0	4	5	1	0	0	0	0	11	
		Female	0	0	0	1	0	0	0	1	1	0	0	3	
		Total	1	0	0	1	4	5	1	1	1	0	0	14	
1	DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE (Y40-Y59)	Male	0	0	0	0	2	4	0	0	0	0	0	6	
		Female	0	0	0	0	0	0	0	0	1	0	0	1	
2	MISADVENTURES DURING SURGICAL AND MEDICAL CARE, ADVERSE INCIDENTS IN DIAGNOSTIC AND	Male	1	0	0	0	2	1	1	0	0	0	0	5	

TABLE 2: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF 10TH REVISION OF ICD DURING THE YEAR 2011

MG/ CAT/ SC	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	
			4	5	6	7	8	9	10	11	12	13	14	15	
	THERAPEUTIC USE,ABNORMAL REACTIONS AND LATE COMPLICATIONS(Y60-Y69,Y70-Y82,Y83-Y84)	Female	0	0	0	1	0	0	0	0	1	0	0	0	2
E57	OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY,NOT ELSEWHERE CLASSIFIED	Male	9	21	82	220	235	209	199	156	65	96	93	1385	
	(W20-W64,W75-W99,X10-X39,X50-X59)	Female	6	21	46	89	80	58	51	64	29	79	13	536	
		Total	15	42	128	309	315	267	250	220	94	175	106	1921	
1	ACCIDENTS CAUSED BY MACHINERY AND BY CUTTING PIERCING INSTRUMENTS(W24-W31)	Male	0	1	0	0	0	0	0	0	0	0	0	1	
		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	1	7	45	51	43	37	39	52	13	24	17	329	
		Female	2	12	18	32	34	34	30	27	5	28	6	228	
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	8	13	37	169	192	172	160	104	52	72	76	1055	
		Female	4	9	28	57	46	24	21	37	24	51	7	308	
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	8097	909	1136	2814	5591	8368	11033	13361	6969	16359	3880	78517	
		FEMALE	5002	762	862	3137	3573	3504	4605	6083	4117	11149	1910	44704	
		TOTAL	13099	1671	1998	5951	9164	11872	15638	19444	11086	27508	5790	123221	

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2005-2011

Major Group No.	Cause of Death	Sex	YEAR						
			2005	2006	2007	2008	2009	2010	2011
1	2	3	5	6	7	8	9	10	11
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	M	6978	7531	8512	8183	8317	8876	8477
		F	3430	3801	4152	4365	4646	5024	4689
		T	10408	11332	12664	12548	12963	13900	13166
2	NEOPLASMS (C00-D48)	M	2764	3163	3291	4117	4594	4367	4366
		F	1878	2358	2238	2940	3219	3200	3213
		T	4624	5521	5529	7057	7813	7567	7579
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	M	749	829	885	999	1005	1018	1097
		F	803	957	916	1024	1049	973	912
		T	1552	1786	1801	2023	2054	1991	2009
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	M	3460	4667	4124	4623	4853	4630	4599
		F	2110	2937	2415	3094	3091	3156	3237
		T	5570	7604	6539	7717	7944	7786	7836
5	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	312	195	241	122	100	89	74
		F	30	34	35	24	38	24	31
		T	342	229	276	146	138	113	105
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	M	1698	1659	1824	1929	2117	2009	2001
		F	903	1061	1069	1235	1215	1279	1162
		T	2601	2720	2893	3164	3332	3288	3163
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	M	1	0	0	2	2	1	2
		F	1	1	0	0	2	0	1
		T	2	1	0	2	4	1	3
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	M	3	0	3	2	1	0	5
		F	1	0	0	0	3	2	3
		T	4	0	3	2	4	2	8
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	M	14387	16478	15947	20910	20847	23941	23749
		F	7691	9430	8661	11569	11769	13304	13184
		T	22078	25908	24608	32479	32616	37245	36933
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	M	3349	4075	4883	5665	5639	6740	6451
		F	1535	2066	2141	2864	2980	3670	3280
		T	4884	6141	7024	8529	8619	1040	9731

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2005-2011

Major Group No.	Cause of Death	Sex	YEAR						
			2005	2006	2007	2008	2009	2010	2011
1	2	3	5	6	7	8	9	10	11
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	M	3986	4914	4897	5279	5468	6225	6466
		F	1235	1254	1265	1450	1501	1634	1608
		T	5221	6168	6162	6729	6969	7859	8074
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	M	342	399	395	464	486	463	508
		F	202	169	198	240	257	225	264
		T	544	568	593	704	743	688	772
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	M	48	39	35	51	54	88	107
		F	59	50	31	58	46	66	84
		T	107	89	66	109	100	154	191
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	M	1611	1773	2101	2302	2446	2766	2544
		F	871	1030	1089	1195	1379	1413	1528
		T	2482	2803	3190	3497	3825	4179	4072
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	M	0	0	0	0	0	0	0
		F	574	568	652	649	611	848	841
		T	574	568	652	649	611	848	841
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	M	4760	4278	5173	5555	6204	6798	7090
		F	3160	2988	3361	3831	4127	4004	4412
		T	7920	7266	8534	9386	10331	10802	11502
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	M	528	618	663	979	1034	1020	1101
		F	389	388	486	650	756	676	704
		T	917	1006	1149	1629	1790	1696	1805
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	M	2224	2930	2838	3122	2601	1297	1019
		F	1331	1957	1804	1911	1720	1018	611
		T	3555	4887	4642	5033	4321	2315	1630
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	M	5463	5960	7022	7272	7315	6523	8861
		F	2951	3636	3953	4194	3941	3980	4940
		T	8414	9596	10975	11466	11256	10503	13801
ALL CAUSES	M	52663	59508	62834	71576	73083	76851	78517	
	F	29154	34685	34466	41293	42350	44496	44704	
	T	81817	94193	97300	112869	115433	121347	123221	

TABLE-4 : PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2005 TO 2011

Major Group No.	Cause of Death	Sex	YEAR						
			2005	2006	2007	2008	2009	2010	2011
1	2	3	5	6	7	8	9	10	11
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	M	13.25	12.66	13.55	11.43	11.38	11.55	10.80
		F	11.77	12.05	12.05	10.57	10.97	11.29	10.49
		T	12.72	12.03	13.02	11.12	11.23	11.45	10.68
2	NEOPLASMS (C00-D48)	M	5.25	5.32	5.24	5.75	6.29	5.68	5.56
		F	6.44	6.80	6.49	7.12	7.60	7.19	7.19
		T	5.67	5.86	5.68	6.25	6.77	6.24	6.15
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	M	1.42	1.39	1.41	1.40	1.38	1.32	1.40
		F	2.75	2.76	2.66	2.48	2.48	2.19	2.04
		T	1.90	1.90	1.85	1.79	1.78	1.64	1.63
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	M	6.57	7.84	6.56	6.46	6.64	6.02	5.86
		F	7.24	8.47	7.01	7.49	7.30	7.09	7.24
		T	6.81	8.07	6.72	6.84	6.88	6.42	6.36
5	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	0.59	0.33	0.38	0.17	0.14	0.12	0.09
		F	0.10	0.10	0.10	0.06	0.09	0.05	0.07
		T	0.42	0.24	0.28	0.13	0.12	0.09	0.09
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	M	3.22	2.79	2.90	2.70	2.90	2.16	2.55
		F	3.10	3.06	3.10	2.99	2.87	2.87	2.60
		T	3.18	2.89	2.97	2.80	2.89	2.71	2.57
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	M	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	M	0.01	0.00	0.00	0.00	0.00	0.00	0.01
		F	0.00	0.00	0.00	0.00	0.01	0.00	0.01
		T	0.00	0.00	0.00	0.00	0.00	0.00	0.01
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	M	27.32	27.69	25.38	29.21	28.53	31.15	30.25
		F	26.38	27.19	25.13	28.02	27.79	29.90	29.49
		T	26.98	27.51	25.29	28.78	28.26	30.69	29.97
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	M	6.36	6.85	7.77	7.91	7.72	8.77	8.22
		F	5.27	5.96	6.21	6.94	7.04	8.25	7.34
		T	5.97	6.52	7.22	7.56	7.47	8.58	7.90

TABLE-4 : PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2005 TO 2011

Major Group No.	Cause of Death	Sex	YEAR						
			2005	2006	2007	2008	2009	2010	2011
1	2	3	5	6	7	8	9	10	11
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	M	7.57	8.26	7.79	7.38	7.48	8.10	8.24
		F	4.24	3.62	3.67	3.51	3.54	3.67	3.60
		T	6.38	6.55	6.33	5.96	6.04	6.48	6.55
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	M	0.65	0.67	0.63	0.65	0.66	0.60	0.65
		F	0.69	0.49	0.57	0.58	0.61	0.51	0.59
		T	0.66	0.60	0.61	0.62	0.64	0.57	0.63
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	M	0.09	0.07	0.06	0.07	0.07	0.11	0.14
		F	0.20	0.14	0.09	0.14	0.11	0.15	0.19
		T	0.13	0.09	0.07	0.10	0.09	0.13	0.16
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	M	3.06	2.98	3.34	3.22	3.35	3.60	3.24
		F	2.99	2.97	3.16	2.89	3.26	3.18	3.42
		T	3.03	2.98	3.28	3.10	3.31	3.44	3.30
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	M	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		F	1.97	1.64	1.89	1.57	1.44	1.91	1.88
		T	0.70	0.60	0.67	0.58	0.53	0.70	0.68
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	M	9.04	7.19	8.23	7.76	8.49	8.85	9.03
		F	10.84	8.61	9.75	9.28	9.74	9.00	9.87
		T	9.68	7.71	8.77	8.32	8.95	8.90	9.33
17	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	M	1.00	1.04	1.06	1.37	1.41	1.33	1.40
		F	1.33	1.12	1.41	1.57	1.79	1.52	1.57
		T	1.12	1.07	1.18	1.44	1.55	1.40	1.46
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	M	4.22	4.92	4.52	4.36	3.56	1.69	1.30
		F	4.57	5.64	5.23	4.63	4.06	2.29	1.37
		T	4.35	5.19	4.77	4.46	3.74	1.91	1.32
19	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	M	10.37	10.02	11.18	10.16	10.01	8.49	11.29
		F	10.12	10.48	11.47	10.16	9.31	8.94	11.05
		T	10.28	10.19	11.28	10.16	9.75	8.66	11.20
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 10TH REVISION OF ICD DURING THE YEAR 2011

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	1.56	25.19	22.98	17.38	17.62	17.20	13.90	9.95	7.89	6.46	12.32	10.80
		Female	1.72	27.56	24.59	13.74	16.15	16.92	13.27	10.27	7.38	6.95	13.87	10.49
		Total	1.62	26.27	23.67	15.46	17.04	17.12	13.72	10.05	7.70	6.66	12.83	10.68
2	NEOPLASMS (C00-D48)	Male	0.04	1.32	5.02	4.05	3.06	4.12	6.34	8.58	8.09	6.55	4.74	5.56
		Female	0.00	2.76	4.29	2.01	4.95	10.19	15.22	12.40	8.82	5.40	7.23	7.19
		Total	0.02	1.97	4.70	2.97	3.80	5.91	8.95	9.77	8.36	6.08	5.56	6.15
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	Male	0.00	5.39	5.46	3.02	1.97	1.90	1.32	1.20	0.99	1.09	2.01	1.40
		Female	0.00	3.67	4.41	5.07	3.47	2.23	2.37	1.40	1.60	1.56	2.67	2.04
		Total	0.00	4.61	5.01	4.10	2.55	2.00	1.63	1.27	1.22	1.28	2.23	1.63
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	2.53	0.44	1.14	2.50	3.23	5.16	7.39	9.81	10.03	6.42	5.86
		Female	0.00	2.36	0.93	1.12	1.88	4.20	6.93	10.49	12.07	11.90	9.48	7.24
		Total	0.00	2.45	0.65	1.13	2.26	3.51	5.68	8.36	10.65	10.79	7.43	6.36
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	0.04	0.20	0.20	0.22	0.06	0.04	0.06	0.03	0.09
		Female	0.00	0.00	0.00	0.03	0.20	0.20	0.15	0.10	0.02	0.01	0.05	0.07
		Total	0.00	0.00	0.00	0.03	0.20	0.20	0.20	0.07	0.04	0.04	0.03	0.09
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	1.54	9.46	11.97	5.05	3.67	3.20	2.32	1.66	2.09	1.96	2.45	2.55
		Female	1.66	10.37	11.25	3.41	2.94	3.57	2.93	1.76	1.60	1.82	2.88	2.60
		Total	1.59	9.87	11.66	4.18	3.38	3.31	2.50	1.69	1.91	1.90	2.59	2.57
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
		Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.01	0.03	0.00	0.00	0.01
		Female	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
		Total	0.00	0.00	0.00	0.07	0.00	0.00	0.01	0.01	0.02	0.00	0.00	0.01
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0.09	3.19	5.46	4.69	16.92	23.94	32.26	39.06	41.90	46.52	32.53	30.25
		Female	0.10	2.49	6.26	4.53	14.05	22.09	30.77	37.40	45.45	49.30	32.88	29.49
		Total	0.09	2.87	5.81	4.60	15.80	23.39	31.82	38.54	43.22	47.65	32.64	29.97
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0.00	8.14	8.98	5.12	5.03	6.27	7.24	9.26	11.87	12.76	9.64	8.22
		Female	0.00	9.19	7.42	6.06	5.96	7.45	7.25	8.88	8.60	10.05	7.02	7.34
		Total	0.00	8.62	8.31	5.61	5.39	6.62	7.25	9.14	10.65	11.66	8.77	7.90

TABLE 5 :PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE , SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2011

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	2.75	5.46	7.00	10.30	16.34	13.65	9.44	6.37	4.24	8.61	8.24
		Female	0.00	2.36	4.64	3.44	3.44	6.36	5.75	4.96	3.64	2.72	3.98	3.60
		Total	0.00	2.57	5.11	5.13	7.63	13.39	11.32	8.04	5.36	3.62	7.08	6.55
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	0.00	0.28	0.41	0.54	0.97	0.73	0.73	0.91	0.70	0.65
		Female	0.00	0.00	0.35	0.45	0.34	0.63	0.91	0.76	0.61	0.81	0.52	0.59
		Total	0.00	0.00	0.15	0.37	0.38	0.56	0.95	0.74	0.69	0.87	0.64	0.63
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0.00	0.00	0.00	0.28	0.14	0.16	0.12	0.13	0.13	0.15	0.36	0.14
		Female	0.00	0.00	0.00	0.06	0.17	0.29	0.24	0.23	0.32	0.21	0.26	0.19
		Total	0.00	0.00	0.00	0.17	0.15	0.19	0.15	0.16	0.20	0.17	0.33	0.16
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	0.88	1.06	2.74	2.72	3.01	3.21	4.13	4.58	4.18	3.48	3.24
		Female	0.00	0.52	1.39	2.42	2.43	3.97	4.60	4.92	5.34	3.73	3.30	3.42
		Total	0.00	0.72	1.20	2.57	2.61	3.29	3.62	4.38	4.86	4.00	3.42	3.30
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	12.81	9.52	1.57	0.00	0.00	0.00	0.00	2.30	1.88
		Total	0.00	0.00	0.00	6.76	3.71	0.46	0.00	0.00	0.00	0.00	0.76	0.68
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	87.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03
		Female	88.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.87
		Total	87.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	8.76	30.03	10.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40
		Female	7.78	29.13	10.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57
		Total	8.38	29.62	10.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	Male	0.00	0.55	1.50	1.46	1.52	1.11	1.03	1.00	1.52	2.18	1.78	1.30
		Female	0.00	0.13	2.55	0.67	1.15	0.94	0.98	1.18	1.07	2.62	2.09	1.37
		Total	0.00	0.36	1.95	1.04	1.37	1.06	1.02	1.05	1.35	2.36	1.88	1.32
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	0.46	10.56	21.21	47.73	33.95	18.79	12.25	7.40	3.95	2.93	14.95	11.29
		Female	0.54	9.45	21.11	44.09	33.36	19.41	8.62	5.24	3.47	2.92	11.47	11.05
		Total	0.49	10.05	21.17	45.81	33.72	18.97	11.18	6.73	3.77	2.93	13.80	11.20
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 10TH REVISION OF ICD DURING THE YEAR 2011

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	1.49	2.70	3.08	5.77	11.62	16.98	18.10	15.68	6.49	12.47	5.64	100.00
		Female	1.83	4.48	4.52	9.19	12.31	12.65	13.03	13.33	6.48	16.53	5.65	100.00
		Total	1.61	3.33	3.59	6.99	11.86	15.43	16.29	14.84	6.49	13.91	5.64	100.00
2	NEOPLASMS (C00-D48)	Male	0.07	0.27	1.31	2.61	3.92	7.90	16.01	26.25	12.92	24.53	4.21	100.00
		Female	0.00	0.65	1.15	1.96	5.51	11.11	21.82	23.47	11.30	18.74	4.30	100.00
		Total	0.04	0.44	1.24	2.34	4.59	9.26	18.47	25.07	12.23	22.07	4.25	100.00
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	Male	0.00	4.47	5.65	7.75	10.03	14.49	13.31	14.68	6.29	16.23	7.11	100.00
		Female	0.00	3.07	4.17	17.43	13.60	8.55	11.95	9.32	7.24	19.08	5.59	100.00
		Total	0.00	3.83	4.98	12.15	11.65	11.80	12.69	12.24	6.72	17.52	6.42	100.00
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	0.50	0.11	0.70	3.04	5.87	12.37	21.46	14.87	35.66	5.41	100.00
		Female	0.00	0.56	0.25	1.08	2.07	4.54	9.85	19.71	15.35	40.99	5.59	100.00
		Total	0.00	0.52	0.17	0.86	2.64	5.32	11.33	20.74	15.07	37.86	5.49	100.00
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	1.35	14.86	22.97	32.43	10.81	4.05	12.16	1.35	100.00
		Female	0.00	0.00	0.00	3.23	22.58	22.58	22.58	19.35	3.23	3.23	3.23	100.00
		Total	0.00	0.00	0.00	1.90	17.14	22.86	29.52	13.33	3.81	9.52	1.90	100.00
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	6.25	4.30	6.80	7.10	10.24	13.39	12.79	11.09	7.30	15.99	4.75	100.00
		Female	7.14	6.80	8.35	9.21	9.04	10.76	11.62	9.21	5.68	17.47	4.73	100.00
		Total	6.58	5.22	7.37	7.87	9.80	12.42	12.36	10.40	6.70	16.53	4.74	100.00
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	50.00	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	33.33	33.33	0.00	33.33	0.00	100.00
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	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	0.00	0.00	0.00	50.00	0.00	0.00	12.50	12.50	25.00	0.00	0.00	100.00
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0.03	0.12	0.26	0.56	3.98	8.43	14.99	21.98	12.30	32.04	5.31	100.00
		Female	0.04	0.14	0.41	1.08	3.81	5.87	10.75	17.26	14.19	41.69	4.76	100.00
		Total	0.03	0.13	0.31	0.74	3.92	7.52	13.47	20.29	12.97	35.49	5.12	100.00
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0.00	1.15	1.58	2.23	4.36	8.14	12.39	19.18	12.82	32.37	5.80	100.00
		Female	0.00	2.13	1.95	5.79	6.49	7.96	10.18	16.46	10.79	34.15	4.09	100.00
		Total	0.00	1.48	1.71	3.43	5.08	8.08	11.64	18.26	12.14	32.97	5.22	100.00

TABLE 6 :PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2011

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	0.39	0.96	3.05	8.91	21.14	23.29	19.50	6.87	10.73	5.17	100.00
		Female	0.00	1.12	2.49	6.72	7.65	13.87	16.48	18.78	9.33	18.84	4.73	100.00
		Total	0.00	0.53	1.26	3.78	8.66	19.69	21.93	19.36	7.36	12.35	5.08	100.00
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	0.00	1.57	4.53	8.86	21.06	19.29	10.04	29.33	5.31	100.00
		Female	0.00	0.00	1.14	5.30	4.55	8.33	15.91	17.42	9.47	34.09	3.79	100.00
		Total	0.00	0.00	0.39	2.85	4.53	8.68	19.30	18.65	9.84	30.96	4.79	100.00
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0.00	0.00	0.00	7.48	7.48	12.15	12.15	16.82	8.41	22.43	13.08	100.00
		Female	0.00	0.00	0.00	2.38	7.14	11.90	13.10	16.67	15.48	27.38	5.95	100.00
		Total	0.00	0.00	0.00	5.24	7.33	12.04	12.57	16.75	11.52	24.61	9.95	100.00
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	0.31	0.47	3.03	5.97	9.91	13.92	21.70	12.54	26.85	5.31	100.00
		Female	0.00	0.26	0.79	4.97	5.69	9.10	13.87	19.57	14.40	27.23	4.12	100.00
		Total	0.00	0.29	0.59	3.76	5.87	9.60	13.90	20.90	13.24	26.99	4.86	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	47.80	40.43	6.54	0.00	0.00	0.00	0.00	5.23	100.00
		Total	0.00	0.00	0.00	47.80	40.43	6.54	0.00	0.00	0.00	0.00	5.23	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	64.40	24.80	10.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Female	55.26	31.53	13.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	60.83	27.42	11.75	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	0.49	1.67	4.02	8.34	9.13	11.19	13.05	10.40	34.94	6.77	100.00
		Female	0.00	0.16	3.60	3.44	6.71	5.40	7.36	11.78	7.20	47.79	6.55	100.00
		Total	0.00	0.37	2.39	3.80	7.73	7.73	9.75	12.58	9.20	39.75	6.69	100.00
19	INJURY,POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	0.42	1.08	2.72	15.16	21.42	17.74	15.25	11.16	3.10	5.41	6.55	100.00
		Female	0.55	1.46	3.68	28.00	24.13	13.77	8.04	6.46	2.89	6.60	4.43	100.00
		Total	0.46	1.22	3.06	19.75	22.39	16.32	12.67	9.48	3.03	5.83	5.79	100.00
ALL CAUSES		Male	10.31	1.16	1.45	3.58	7.12	10.66	14.05	17.02	8.88	20.83	4.94	100.00
		Female	11.19	1.70	1.93	7.02	7.99	7.84	10.30	13.61	9.21	24.94	4.27	100.00
		Total	10.63	1.36	1.62	4.83	7.44	9.63	12.69	15.78	9.00	22.32	4.70	100.00

Table - 7 : Percentage distribution of Medically Certified Deaths due to Tuberculosis, Diabetes Mellitus and Ischaemic Heart Diseases from 2005-2011

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			
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
2011	5.24	3.72	4.69	5.12	6.20	5.51	12.77	11.47	12.3	63.72	36.28	100.00

FORM NO. 4/4A

(See Rule 7)

MEDICAL CERTIFICATE OF CAUSE OF DEATH

(Hospital in-patients/non-institutional deaths. Not to be used for still births)

To be sent to Registrar along with Form No.2 (Death Report)

Name of the Hospital.....

I hereby certify that the person whose particulars are given below died in the hospital in Ward No.....on.....
at.....A.M./P.M.

Name of the Deceased				For use of Statistical Office	
Sex	Age at Death				
	If 1 year or more, age in Years	If less than 1 year, age in Months	If less than one month, age in Days	If less than one day, age in Hours	
1. Male 2. Female					
CAUSE OF DEATH				Interval between on set & death approx	
I					
Immediate Cause		(a)	Due to (or as a consequences of)	.....	.....
State the disease, injury or complication which caused death, not the mode of dying such as heart failure, asthenia, etc.					
Antecedent Cause		(b)	Due to (or as a consequences of)	.....	.....
Morbid conditions, if any, giving rise to the above Cause, stating underlying conditions last		(c) .....		.....	.....
II					
Other significant conditions contributing to the death but not related to the disease or conditions causing it		.....	.....	.....	.....
<u>Manner of death</u>		How did the injury occur?			
1. Natural 2. Accident 3. Suicide 4.Homicide 5. Pending investigation					
If deceased was a female, was pregnancy the death associated with?		1. Yes 2. No			
If yes, was there a delivery?		1.Yes 2.No.			
Name and signature of the Medical Attendant certifying the cause of death					
Date of verification.....					
SEE REVERSE FOR INSTRUCTION					
(To be detached and handed over to the relative of the deceased).					
Certified that Shri/Smt/Kum.....S/W/D/of Shri					
R/O.....was admitted to the hospital on and expired on					
Doctor.....					
(Medical Supdt					
Name of the hospital)					

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

MEDICAL CERTIFICATE OF CAUSE OF DEATH

Direction for completing the form No.4/4A

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES

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

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

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

NATIONAL LIST BASED ON ICD-10

Major Groups I to XIX :

1. Categories-58 (Group of three-character categories)
2. Sub-categories-177 (Group of ¾ - character categories and ¾ - 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 ¾ - character categories and ¾ - character single category)

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

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

* Not in use in India

TEAM INVOLVED IN THE PUBLICATION OF THIS REPORT

- | | |
|---|---|
| <i>1. Sri. S.SHARANAPPA</i> | <i>JOINT CHIEF REGISTRAR</i> |
| <i>2. Sri. B. G. KRISHNAMURTHY</i> | <i>DEPUTY CHIEF REGISTRAR</i> |
| <i>3. Smt. JYOTHI S .JENNY</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..N. CHANDRAVATHI</i> | <i>TYPIST</i> |