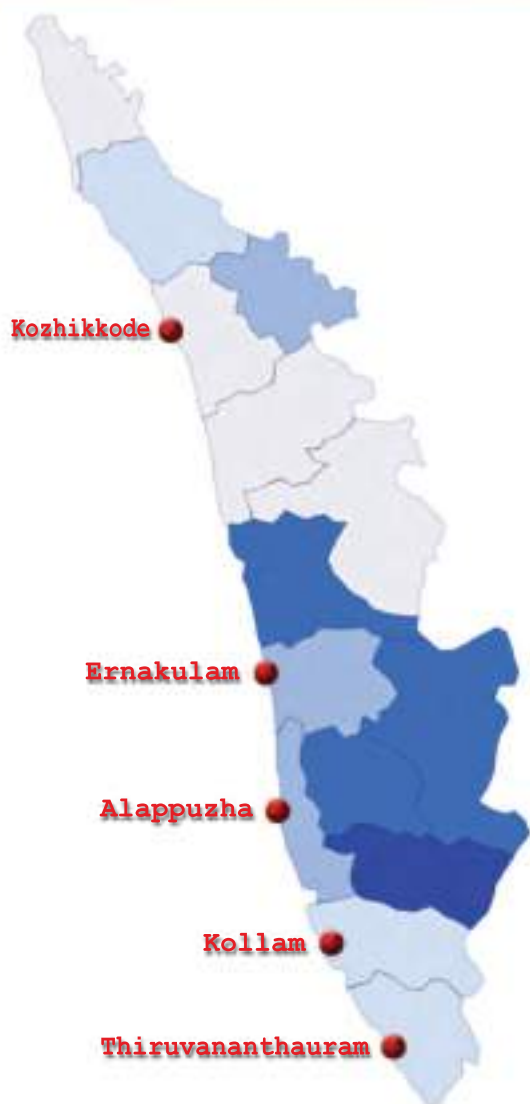




**G o v e r n m e n t o f K e r a l a**



# **REPORT ON MEDICAL CERTIFICATION OF CAUSE OF DEATH 2016**



**MCCD Division  
Directorate of Economics & Statistics  
Thiruvananthapuram**





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## PREFACE

**T**he World Health Organisation (WHO) has provided a whole some definition of health-‘Health is a state of complete physical, mental and social well-being and not merely the absence of diseases of infirmity’. This report on Medical Certification of Cause of Death is brought out by the Directorate of Economics & Statistics and office of the Additional Chief Registrar (Births & Deaths), Kerala. The Registration of Births and Deaths Act 1969 has the clause for certification of cause of death by the medical practitioners who have last attended the deceased. Section 10(2) of the act empowers the State Government to introduce the system of Medical Certification of Cause of Death in respective states. `

The report has been prepared exclusively on the basis of data on institutional deaths in four Corporations viz; Thiruvananthapuram, Kollam, Ernakulum and Kozhikode and Alappuzha Municipality. The study is confined to 10.78% of the total deaths in the State during the year 2016.

Data on medically certified deaths collected from 149 hospitals of the state have been tabulated in conformity with the ICD-Tenth Revision (ICD-10). The Statistics on causes of death have been presented, cross tabulating them by age and sex. The report consists of four Chapters. First chapter is the introduction on medical certification of cause of death (MCCD). Second chapter is a report and comparison of death of MCCD with that of Civil Registration System (CRS). Tables on detailed statistics pertaining to leading causes are given in chapter three. This part contains a study of institutional deaths-sex-wise and age-wise. It has also been attempted to analyse the incidence of death according to the major causes during 2016 in the respective centres, on the basis of ICD-10 classification of WHO. This chapter also includes analysis of deaths due to heart attack, cancer, tuberculosis, pneumonia, diabetic’s mellitus etc. in five centres in Kerala. Specific cause of mortality in different age groups is given in fourth chapter.

I congratulate the MCCD team for preparation of this report and hope it will serve as a useful source of information for policy makers, planners and academicians and other stake holders who are directly or indirectly involved in the management of Public Health.

Thiruvananthapuram  
Dated: 18.07.2018

**V.Ramachandran**  
Director General





## EXECUTIVE SUMMARY

**R**eliable cause specific mortality statistics is required on a regular basis by Administrators, Policy Planners, Researchers and other Professionals for evidence based decision making, resource allocation, monitoring of indicators, identifying 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 MCCD in specified areas taking into consideration the availability of medical facilities. Section 10(3) of the Act provides issuing a certificate of the cause of death by the medical practitioner who has attended the deceased at the time of death.

### Methodology

The necessary data is collected in the prescribed forms (Form No.4 for Institutional deaths and Form No.4A for Non-institutional deaths). Both these forms have been designed by World Health Organisation and are supposed to be filled-up by the medical professionals attending to the deceased at the time of terminal illness. Thereafter, these forms are to be sent to the concerned Registrars of Births and Deaths for tabulation as per National list, based on Tenth revision of International Classification of Disease (ICD 10), for onward transmission to the Additional Chief Registrar's Office. The State subsequently sends it to the Office of the Registrar General of India in the standardised format for National level consolidation.

**In Kerala** the scheme has been introduced in four Corporations viz; Thiruvananthapuram, Kollam, Kochi, Kozhikode and Alappuzha Municipality. The data on medically certified deaths received from these five centres in Form 4 have been tabulated in conformity with ICD-10. The statistics on causes of death have been presented in a tabular manner classified by age and sex.

### Scope of the report

'The report on 'Medical Certification of Cause of Death 2016' is based on 27618 medically certified deaths reported from 149 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 light on deaths by various cause groups.

## Overall findings

Following are nine leading cause-groups of deaths constituting around 92.59% of total medically certified deaths:

- I. Diseases of Circulatory System (30.69%).
  - II. Neoplasm (15.92%).
  - III. Diseases of the Respiratory System (10.58%).
  - IV. Endocrine, Nutritional and Metabolic Diseases (9.04%).
  - V. Diseases of the Digestive System (8.64%)
  - VI. The Genitourinary System (5.40%)
  - VII. Injury, Poisoning and certain other consequences of External Causes (5.04%).
  - VIII. Certain Infectious and Parasitic diseases (4.03%)
  - IX. Certain condition originating in the perinatal period (3.25%).
- Among the cause group 'Diseases of the Circulatory System', 'Ischemic Heart Diseases' (IHD) account for the highest number of deaths (37.65%).
  - The second leading cause group, Neoplasms (cancer) is responsible for 15.92% of the total medically certified deaths, of which 'Malignant neoplasm of digestive organs' accounts for 30.23%. This is followed by 'Malignant Neoplasms of respiratory and intrathoracic organs' (19.83%) and 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related tissue' (14.81%) accounts more than one-sixth of deaths under this group.
  - 'Diseases of the Respiratory System' is the third leading cause group (10.58%). 'Lower Respiratory Disorders' accounting for around 75.36% of the total deaths under this category. The other under line cause in this group is 'Other diseases of the respiratory system including Pneumonia' causing 24.61% of death.
  - The group of 'Endocrine, Nutritional and Metabolic Diseases' is the fourth leading cause group accounting for 9.04% of the total medically certified deaths. Under this cause group, 'Diabetes Mellitus' group alone accounts for 86.62% of total deaths reported and 7.83% of total medically certified deaths respectively.



- 'Diseases of Digestive System' is the fifth leading cause group accounting for 8.64% of the total medically certified deaths. Among the deaths due to disorders of digestive system, 'Diseases of the Liver' alone accounts for 80.29% of the total deaths under this group.
- The major group comprising 'The Genitourinary System' is the sixth leading cause accounting for 5.40% of the total medically certified deaths.
- The seventh leading cause group 'Injury, Poisoning and certain other consequences of External causes' accounting 5.04% of the total medically certified deaths.
- The major group 'Certain Infectious and Parasitic Diseases' contributed 4.03% of deaths which is the eighth leading cause mainly constituted by Tuberculosis and Septicaemia. Under this major group, the shares of these two diseases are 26.48% and 27.29% respectively.
- The ninth leading group 'Certain conditions originating in the perinatal period' accounting for 3.25% of the total medically certified deaths. 'Slow foetal growth, foetal malnutrition and immaturity' and 'Hypoxia, birth asphyxia and other respiratory conditions' accounts for 38.64% and 27.06% of the deaths under this group.

#### **Age-wise:**

- Around 4.68% of reported medically certified deaths have been of the infants (age less than 1 year).
- About 69.45% of infant deaths have been reported to be caused by 'Certain conditions originating in the perinatal period' and about 24.21% deaths have been caused by 'Congenital Malformations, Deformations and Chromosomal Abnormalities'.
- Around 0.54% of reported medically certified deaths have been of the children aged '1-4'.
- Among the children aged '1-4', 'Congenital Malformations, Deformations and Chromosomal Abnormalities' have taken the highest toll of 19.46%. 16.78% of death is due to 'Diseases of the Respiratory System' and 10.07% due to 'Neoplasms' in which 40% is due to 'Leukaemia'.
- Around 0.84% of reported medically certified deaths have been of the children aged '5-14'.
- In the age group '5-14', major group 'Neoplasms' is in the topmost position with the share of 19.91% in which 52.17% of death is due to 'Leukaemia'. 16.88% of

deaths in this age group is due to 'Injury Poisoning & certain other consequences of External causes'.

- Around 1.79% of reported medically certified deaths have been in the age group '15-24'.
- In the age-group of '15-24', major group, 'Injury Poisoning & certain other consequences of External causes' is the first among the leading causes contributing around 35.96%. It implies that this age-group of adolescents is most vulnerable to injuries and poisoning related deaths. Around 12.53% of death under this age group is due to 'Neoplasm' in which 40.32% is due to 'Leukaemia'.
- Around 2.77% of reported medically certified deaths have been in the age group '25-34'.
- In the age-group of '25-34', major group, 'Injury Poisoning & certain other consequences of External causes' is the first among the leading causes contributing around 25.88%. It implies that these age-group of youths are also more vulnerable to injuries and poisoning related deaths. 'Neoplasm' contribute around 13.86% of death under this age group in which 23.58% is due to 'Leukaemia'.
- Around 5.43% of reported medically certified deaths have been in the age group '35-44'.
- In the age-group '35-44', the first two leading causes are 'Diseases of the Digestive System' and 'Neoplasm' having almost equal shares of 20.13% and 19.93% respectively. 'Diseases of Circulatory System' contributing around 17.93%.
- Around 13.43% of reported medically certified deaths have been in the age group '45-54'.
- For the age-groups of '45-54', the leading causes of death are 'Diseases of Circulatory System' and 'Neoplasm' having 27.24% and 20.79% respectively. 14.56% of deaths under this age group are related to 'Diseases of the Digestive System' in which 89.07% is due to 'Diseases of the liver'.
- 22.04% of the total medically certified death comes under the age group '55-64'. In this age group the first leading causes of death is 'Diseases of Circulatory System' (30.41%). The prominent leading causes followed are 'Neoplasm' and 'Diseases of the Digestive System' having percentage of 20.47 and 10.60 respectively. Under Neoplasm, 31.54% death comes under 'Malignant neoplasm of digestive organs'. Under 'Endocrine, Nutritional and Metabolic Diseases', 90.18% due to 'Diabetes mellitus'.

- For the age-group 65-69 years, the leading causes of death is 'Diseases of Circulatory System' (34.67%). The cause 'Neoplasm' is the next major cause of death (17.98%).
- The age group 70 and above contribute the maximum incidence (33.90%) of total medically certified deaths. The leading causes of death are 'Diseases of Circulatory System' (40.26%). The cause 'Diseases of the Respiratory System' is the next major cause which contributed 15.08%.

#### **Gender-wise:**

- Out of total medically certified death, 62.13% are from males and 37.87% from female.
- There is significant difference between males and females for all age groups under medically certified deaths.
- For infant age less than one year, 56.07% of deaths are from male and 43.93% female.
- The difference in percentage is significantly high in the age group above 25 years (males-62.51%, females-37.49%) and it is maximum in the age group '55-64'(males-68.44%, females-31.56%).



# Chapter 1



## INTRODUCTION





## Chapter I

# INTRODUCTION

Medical Research is currently facing stiff challenges from the spread of variety of ailments like Cancer, AIDS, Heart Diseases, Juvenile diabetes, Non-communicable diseases, Swine flu and Chikungunya 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 labelling them 'International Classification of Diseases (ICD)'. This ICD is customised to the Indian conditions under the scheme of 'Medical Certification of Cause of Death (MCCD)'.

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.

The necessary data is collected in the prescribed Form No.4 (Appendix-II) as filled in by the concerned hospital authorities. A separate Form No.4A (Appendix-III) has been prescribed for non-institutional deaths, which are attended to by the medical practitioners. These forms conform to the international format of medical certification of cause of death as evolved by the World Health Organisation (WHO). These forms comprising two parts which incorporate immediate and antecedent causes of death along with the identification and other particulars of the deceased. Part-I provides for entering the diseases in a specific sequence of events leading to death, so that the immediate cause is recorded first and then the underlying cause. The underlying cause is that morbid condition which initiated the chain of events leading to death. Besides, there is also a provision for recording the approximate intervals between onset of disease and death in the sequence of events. Part- II of the form allows recording information on other significant morbid conditions, but not directly related to the cause of death. Doctors attending to the deceased during his/her terminal illness are required to fill the forms up.

World Health Organisation (WHO) periodically reviews the system of International Classification of Diseases (ICD). Tenth revision of the ICD (ICD-10) was endorsed by the Forty-third World Health Assembly in May 1990 and came into use in WHO Member States as from 1994; however it has been adopted in the Office of the Registrar General of India (ORGI) for classification of causes of deaths since 1999 Report on MCCD. The statistics on medically certified causes of deaths has been tabulated as per the National List (ICD –10, modified according to Indian conditions) as given in Appendices-IV & V. The underlying cause of death is taken into account while tabulating the cause-specific mortality.

The statistics presented in this report, provide information on cause-specific mortality cross classified by sex and broad age-groups. The report is based on medically certified deaths occurring in hospitals (whether public or private) covered under the Scheme. As only selected hospitals, and that too mostly from urban areas, are covered at present under the scheme of MCCD, the profile presented here may not yield the reliable pattern of cause specific mortality prevalent in the states/country. Keeping this in view, the data- users may take due caution while deducing the mortality pattern.

The report is presented in 4 chapters and 9 appendices. Chapters two and three deal with 'Scheme of MCCD: Status of Implementation' and 'Distribution of Deaths by Cause' respectively. Chapter 4 analyses the specific cause of mortality among different age groups by gender. Appendices contain detailed statistical tables for ready reference.



## Chapter 2



# COMPARISON OF MCCD AND CRS DATA





## Chapter II

# COMPARISON OF MCCD AND CRS DATA

The data on MCCD has been presented as per the National List based on 10<sup>th</sup> revision of International Classification of Diseases (ICD-10), to facilitate meaningful comparison and drawing valid conclusions thereof. The report aims at summarising the findings of the data reported on medically certified deaths for Thiruvananthapuram, Kollam, Kochi, Kozhikode Corporations and Alappuzha Municipality by age, sex and major cause-groups. 'The report on Medical Certification of Cause of Death – 2016' is based on 27618 (Males: 17160 and Females: 10458) medically certified deaths. This represents 10.78 % of total registered deaths in the State during the year 2016.

As per the reported information, the number of hospitals, covered and reporting data on Medical Certification of Cause of Death in the States/UTs is presented in Appendix I

Table 2.1 Number of deaths reported under CRS and MCCD

Centers	Type of Attention at Death under CRS					MCCD	%
	Institutional	Medical Attention other than institution	No medical attention	Not stated	Total		
<b>Alappuzha (M)</b>	<b>327</b>	109	635	0	1071	<b>2719</b>	253.87
<b>Kochi ©</b>					8443	<b>6135</b>	72.66
<b>Kollam ©</b>	<b>2454</b>	380	945	2	3781	<b>1825</b>	48.27
<b>Kozhikode ©</b>	<b>10738</b>	1112	632	2	12484	<b>10734</b>	85.98
<b>Thiruvananthapuram ©</b>	<b>13465</b>	633	0	1240	15338	<b>6205</b>	40.46
<b>Total</b>	<b>26984</b>	2234	2212	1244	41117	<b>27618</b>	67.17
<b>STATE TOTAL</b>	<b>146446</b>	<b>42437</b>	<b>56239</b>	<b>11008</b>	<b>256130</b>		10.78

Table 2.1 gives a comparison of total death registered under Civil Registration System (CRS) and Medically Certified Death. It may be noted that only 10.78% of total registered death in Kerala is Medically Certified, which is about 18.86% of the institutional death reported from the State. 67.17% of the total death registered in these five centres comes under MCCD. The number of Medically Certified Deaths in Alappuzha (Municipality) is more than registered deaths under CRS because the Form 4 from Medical College, Alappuzha is being collected even though the institution is situated outside Municipality area.

Out of total deaths reported under CRD in the state 10.78% deaths only covered under MCCD analysis. The centre wise causes of death for twenty major classifications are separately given Appendix VI.

The age wise analysis of cause of death from the five centres according to twenty major classifications are also separately given Appendix VIII.

*Since the scheme is implemented only in five centres, analysis is made by taking the total number of deaths happened in these five centres. 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.*

# Chapter 3



## LEADING CAUSES OF DEATH

### 3.0 Introduction

#### 3.1 Diseases of the Circulatory System (IX), ( I00-I99):

- 3.1.1 Ischemic Heart Diseases
- 3.1.2 Cerebrovascular Diseases
- 3.1.3 Diseases of Pulmonary Circulation and other forms of Heart Diseases
- 3.1.4 Hypertensive Diseases.
- 3.1.5 Other Diseases of the Circulatory System
- 3.1.6 Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases

#### 3.2. Neoplasms (II), (C00-D48):

- 3.2.1 Malignant Neoplasms of Digestive Organs
  - 3.2.1.1 Malignant Neoplasm of Liver
  - 3.2.1.2 Malignant Neoplasm of Stomach
- 3.2.2 Malignant Neoplasm of Respiratory and Intra Thoracic Organs
- 3.2.3 Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue

3.2.3.1 Leukaemia

3.2.4 Malignant Neoplasms of Genitourinary Organs

3.2.5 Malignant Neoplasms of Bone, Mesothelial and Soft Tissue, Skin and Breast

3.2.6 Malignant Neoplasms of Lip, Oral cavity and Pharynx

3.2.7 Malignant Neoplasms of Other and Unspecified Sites

3.2.8 Other Neoplasms

**3.3 Diseases of the Respiratory System (X): (J00-J98)**

**3.4. Endocrine, Nutritional and Metabolic Diseases (IV): (E00-E89)**

**3.5 Diseases of the Digestive System (XI): (K00-K92)**

3.5.1 Diseases of the Liver

**3.6 Diseases of the Genitourinary System (XIV): (N00-N99)**

**3.7 Injury Poisoning and Certain Other Consequences of External Causes (XIX): (S00-T98)**

3. 7.1 Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves

3. 7.2 Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source

3. 7.3 Burns and Corrosions

**3.8 Certain Infectious and Parasitic Diseases (I): (A00-B99)**

3.8.1 Septicaemia.

3.8.2 Tuberculosis

3.8.3 Human Immunodeficiency Virus [HIV]

3.8.4 Hepatitis B

**3.9 Certain Conditions Originating in the Perinatal Period (XVI): ( P00-P96)**

**3.10 Distribution of Causes of Deaths under 'Other Groups'**



## Chapter III

# LEADING CAUSES OF DEATH

### 3.0 Introduction

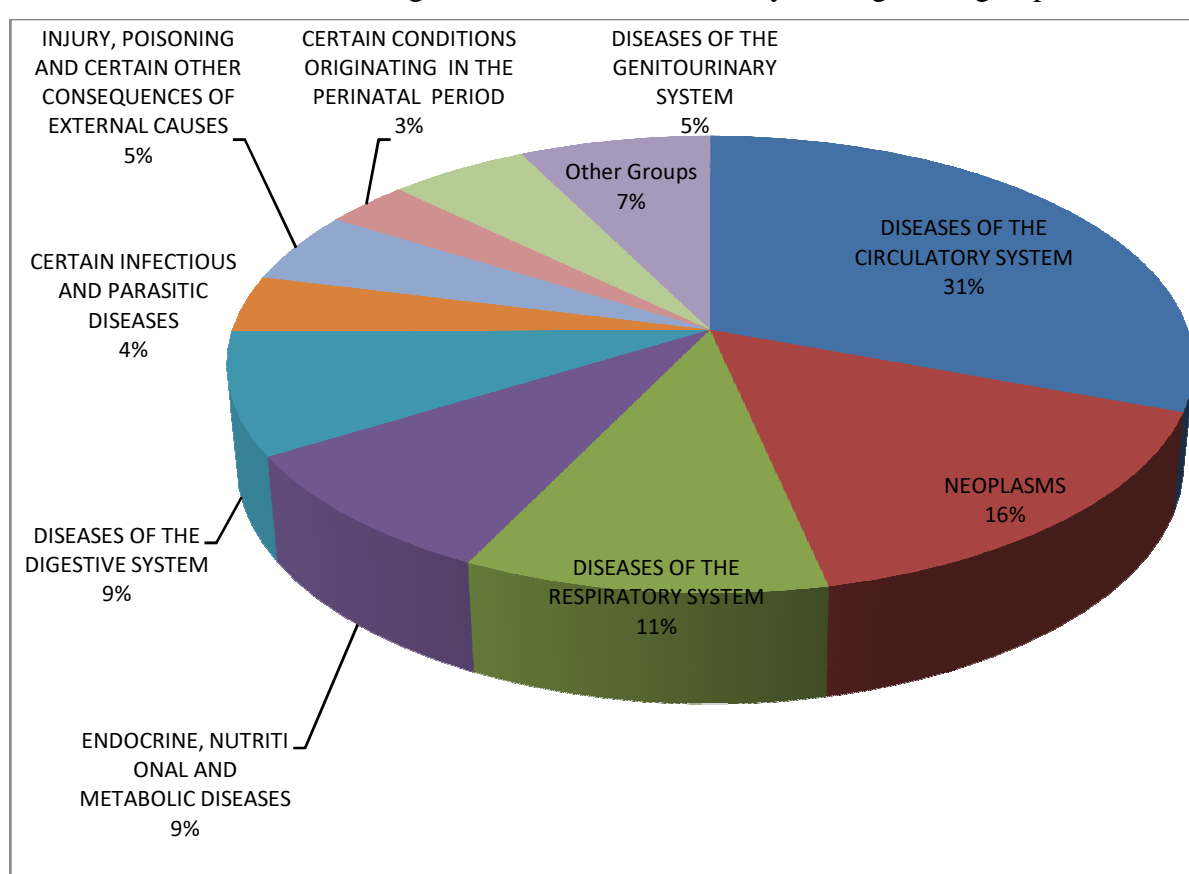
Diseases of the Circulatory System (I00-I99), Neoplasm (C00-D48), Diseases of the Respiratory System (J00-J98), Endocrine, Nutritional and Metabolic Diseases (E00-E89), Diseases of the Digestive System (K00-K92), Diseases of the Genitourinary System (N00-N99), Injury, Poisoning and Certain other Consequences of External Causes (S00-T98), Certain Infectious and Parasitic Diseases (A00-B99), and Certain Conditions Originating in the Perinatal Period (P00-P96) taken together account for about 92.59% of the total Medically Certified Deaths. The remaining causes of deaths are grouped in 'Other Group' category.

Table 3.0: Medically Certified Deaths by Sex and leading cause-groups during 2016

Sl. No	Cause of Death	Sex					
		Male		Female		Total	
		Number	%	Number	%	Number	%
1	Diseases of the Circulatory System ( I00-I99)	4941	28.79	3535	33.80	8476	30.69
2	Neoplasms (C00-D48)	2768	16.13	1629	15.58	4397	15.92
3	Diseases of the Respiratory System (J00-J98)	1921	11.19	1001	9.57	2922	10.58
4	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	1408	8.21	1088	10.40	2496	9.04
5	Diseases of the Digestive System (K00-K92)	1866	10.87	519	4.96	2385	8.64
6	Diseases of the Genitourinary System ( N00-N99)	899	5.24	591	5.65	1490	5.40
7	Injury, Poisoning and Certain Other Consequences of External Causes ( S00-T98)	968	5.64	425	4.06	1393	5.04
8	Certain Infectious and Parasitic Diseases (A00-B99)	729	4.25	385	3.68	1114	4.03
9	Certain Conditions Originating in the Perinatal Period ( P00-P96)	512	2.98	386	3.69	898	3.25
10	Other Groups	1148	6.69	899	8.60	2047	7.41
<b>TOTAL</b>		17160	100	10458	100	27618	100

Among the leading cause groups, 'Diseases of Circulatory System (I00-I99)' constitute 30.69% followed by 'Neoplasms (C00-D48)' 15.92%, 'Diseases of the Respiratory System (J00-J98)' 10.58%, 'Endocrine, Nutritional and Metabolic Diseases (E00-E89)' 9.04%, 'Diseases of the Digestive system (K00-K92)' 8.64%, 'Diseases of the Genitourinary System (N00-N99)' constitute 5.40%, 'Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)' 5.04%, 'Certain Infectious and Parasitic Diseases' 4.03%, 'Certain Conditions Originating in the Perinatal Period (P00-P96)' 3.25%, and 'Other groups' constitute around 7.41% respectively.

Chart 3.0: Percentage of deaths under MCCD by leading cause group



### 3.1 Diseases of the Circulatory System (IX), (I00-I99):

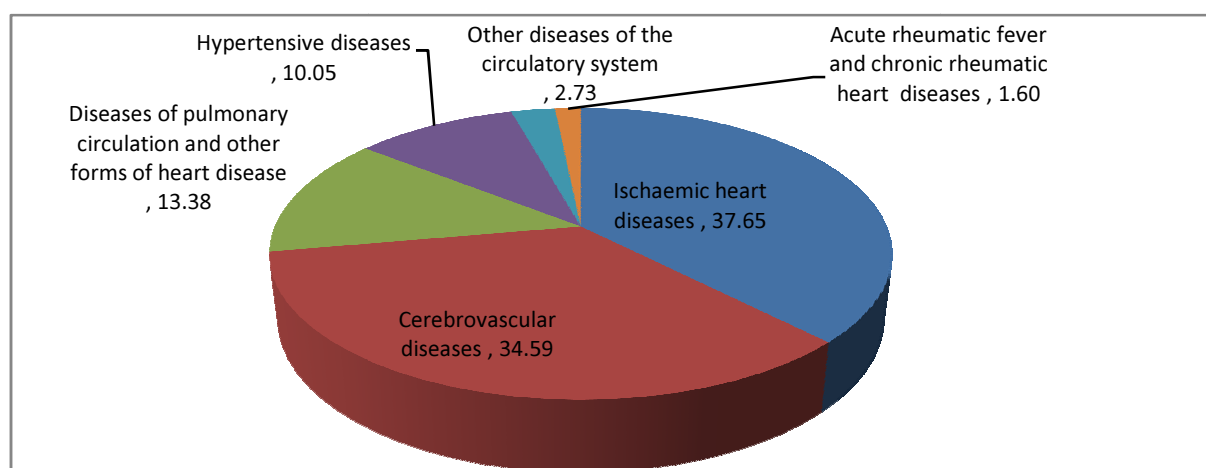
Deaths reported under 'Diseases of the Circulatory System' are the major death cause which accounted 30.69% of the total Medically Certified Deaths during 2016. Out of this the percentage death based on gender was 28.79% male and 33.80% female respectively. Table 3.1 and Chart 3.1 depict the number and percentage of death due to diseases of circulatory system according to gender and underline cause of death within the leading cause group.



Table 3.1: Distribution of major causes of deaths under 'Diseases of Circulatory System'

Sl, No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Ischaemic heart diseases ( I20-I25)	1982	40.11	1209	34.20	3191	37.65
2	Cerebrovascular diseases ( I60-I69)	1640	33.19	1292	36.55	2932	34.59
3	Diseases of pulmonary circulation and other forms of heart disease ( I26-I51)	654	13.24	480	13.58	1134	13.38
4	Hypertensive diseases (I00-I02)	479	9.69	373	10.55	852	10.05
5	Other diseases of the circulatory system ( I70-I99)	140	2.83	91	2.57	231	2.73
6	Acute rheumatic fever and chronic rheumatic heart diseases ( I00-I09)	46	0.93	90	2.55	136	1.60
7	Total Medically Certified Deaths due to Diseases of Circulatory System	4941	100	3535	100	8476	100
	Deaths due to Diseases of Circulatory System as percentage to total medically certified deaths	4941	28.79	3535	33.80	8476	30.69

Chart 3.1: Medically certified deaths due to 'Diseases of Circulatory System'



Age and sex wise analysis of medically certified deaths due to 'Diseases of Circulatory System' has been given in Table 3.2 and in Chart 3.2. The age distribution under this cause group circulatory system shows that the number of incidence of death increases with advancing age. Both the gender sets off age group 55 to 64 are no symmetrical to the rest of the age groups. Deaths within the age group 55-64 are about double the number of deaths compared to that of upper and lower age group stratum. Age and sex wise data shows the number of death of both gender are narrow up to the age group of 25-34 and thereafter the gap widen and reached in peak in the age group 55-64 then again tend to narrow the gap after 65-69 age group.

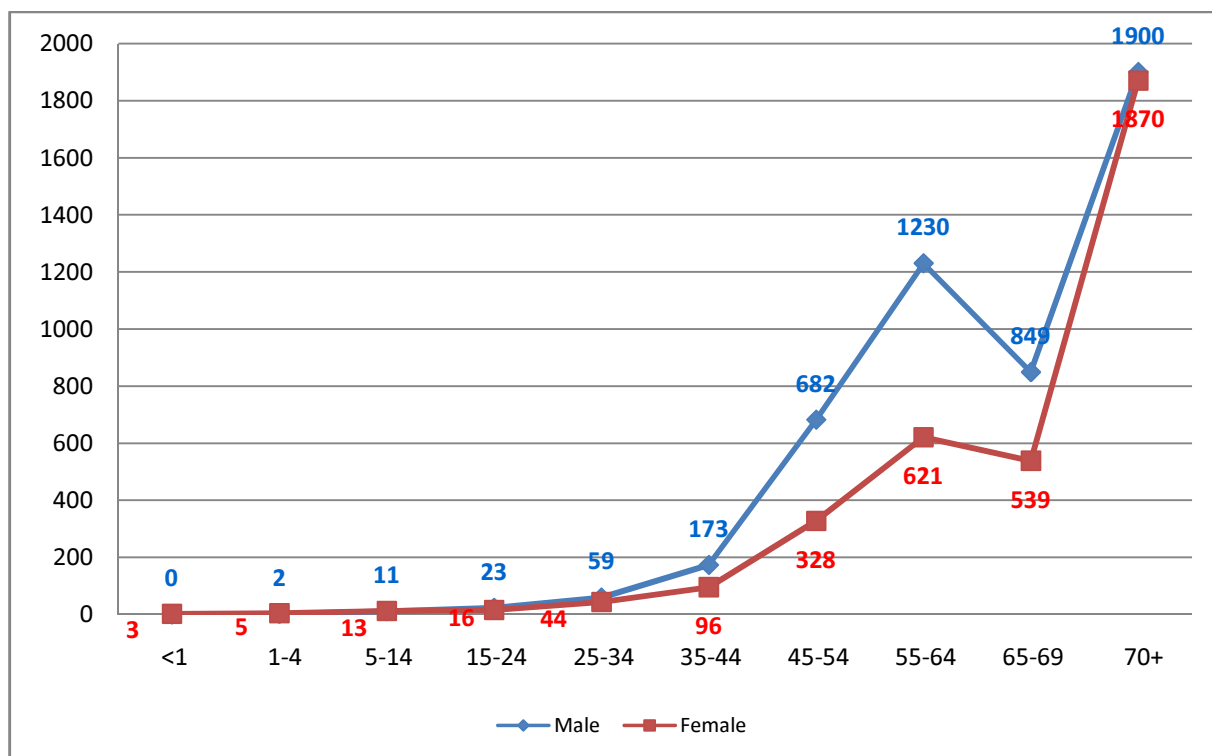
Number of deaths are more in the group 'Diseases of circulatory system' and within that group 'Ischemic heart diseases (120 – 125)' and 'Cerebrovascular diseases (160-169)'

together comes around 72.24 % of the total deaths under the ICD classification. The percentage of male and female death due to this underline causes are 73.3% and 70.75% respectively.

Table 3.2: Age & Sex wise distribution of deaths due to 'Diseases of Circulatory System'.

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	3	0.08	3	0.04
2	1-4	2	0.04	5	0.14	7	0.08
3	5-14	11	0.22	13	0.37	24	0.28
4	15-24	23	0.47	16	0.45	39	0.46
5	25-34	59	1.19	44	1.24	103	1.22
6	35-44	173	3.50	96	2.72	269	3.17
7	45-54	682	13.80	328	9.28	1010	11.92
8	55-64	1230	24.89	621	17.57	1851	21.84
9	65-69	849	17.18	539	15.25	1388	16.38
10	70+	1900	38.45	1870	52.90	3770	44.48
11	N.S.	12	0.24	0	0.00	12	0.14
	TOTAL	4941	100.00	3535	100.00	8476	100.00

Chart 3.2: Age & Sex wise distribution of deaths due to 'Diseases of Circulatory System'.



### 3.1.1 Ischemic Heart Diseases

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 number of deaths (37.65%) under the major group 'Diseases of Circulatory System'. Out of the death due to Ischemic Heart Disease, 62.11% were males and 37.89% females. The age distribution of medically certified deaths due to 'Ischemic Heart Diseases (IHD)' has been given in Table 3.3. It is the main cause of death above the age group '45 and above' which is about 97.24% of the total death under this ICD Group.

Table 3.3: Age & Sex wise distribution of deaths due to 'Ischemic Heart Diseases (IHD)'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	1	0.05	0	0.00	1	0.03
4	15-24	1	0.05	0	0.00	1	0.03
5	25-34	12	0.61	9	0.74	21	0.66
6	35-44	49	2.47	16	1.32	65	2.04
7	45-54	244	12.31	103	8.52	347	10.87
8	55-64	546	27.55	251	20.76	797	24.98
9	65-69	371	18.72	185	15.30	556	17.42
10	70+	758	38.24	645	53.35	1403	43.97
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	1982	100	1209	100	3191	100

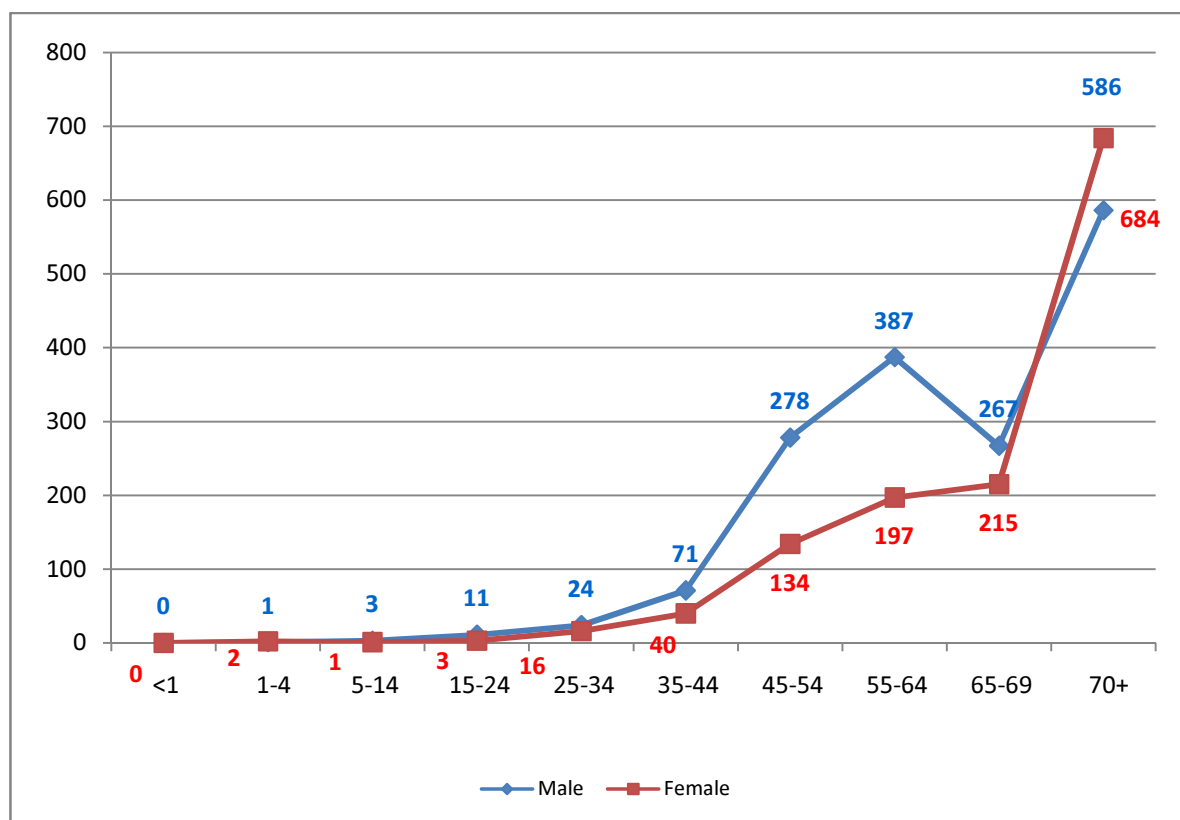
### 3.1.2 Cerebrovascular Diseases

The sub group 'Cerebrovascular Diseases' is reported to be the second highest cause of deaths constituting 34.59% of the 'Diseases of Circulatory System'. More deaths occurred in '45 and above' age group. The gender breakup of the total death due to Cerebrovascular Diseases are 55.93% were males and 44.07% were female. The age distribution of medically certified deaths due to 'Cerebrovascular Diseases' has been given in Table 3.4 and is graphically represented in Chart 3.3.

Table 3.4: Age & Sex wise distribution of deaths due to 'Cerebrovascular Diseases'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	1	0.06	2	0.15	3	0.10
3	5-14	3	0.18	1	0.08	4	0.14
4	15-24	11	0.67	3	0.23	14	0.48
5	25-34	24	1.46	16	1.24	40	1.36
6	35-44	71	4.33	40	3.10	111	3.79
7	45-54	278	16.95	134	10.37	412	14.05
8	55-64	387	23.60	197	15.25	584	19.92
9	65-69	267	16.28	215	16.64	482	16.44
10	70+	586	35.73	684	52.94	1270	43.32
11	N.S.	12	0.73	0	0.00	12	0.41
TOTAL		1640	100	1292	100	2932	100

Chart 3.3: Age & Sex wise distribution of deaths due to 'Cerebrovascular Diseases'



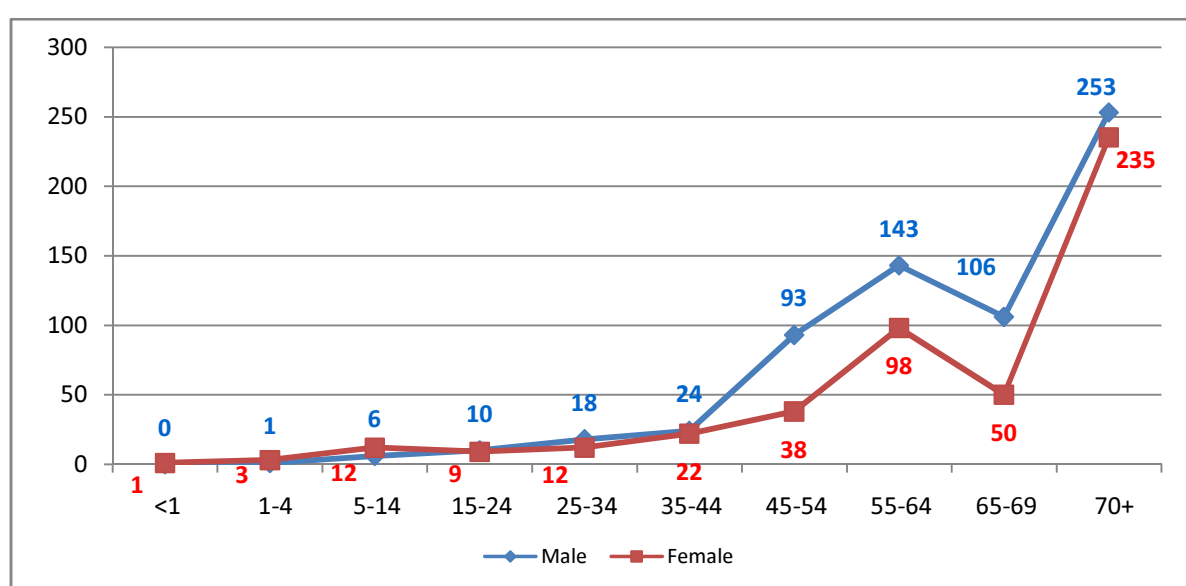
### 3.1.3 Diseases of Pulmonary Circulation and other forms of Heart Diseases.

‘Diseases of Pulmonary Circulation and other forms of heart Diseases’ is the third major cause of death under the group ‘Diseases of Circulatory System’. Number of deaths are more in the age group 55-64, comprising 13.24% males and 13.58% females are under ICD 126-151 disease category. Out of the total death due to ‘Diseases of Pulmonary Circulation and other forms of Heart Diseases’, 57.67% were males and 42.33% females.

Table 3.5: Age & Sex wise distribution of deaths due to ‘Diseases of Pulmonary Circulation and other forms of Heart Diseases’

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	1	0.21	1	0.09
2	1-4	1	0.15	3	0.63	4	0.35
3	5-14	6	0.92	12	2.50	18	1.59
4	15-24	10	1.53	9	1.88	19	1.68
5	25-34	18	2.75	12	2.50	30	2.65
6	35-44	24	3.67	22	4.58	46	4.06
7	45-54	93	14.22	38	7.92	131	11.55
8	55-64	143	21.87	98	20.42	241	21.25
9	65-69	106	16.21	50	10.42	156	13.76
10	70+	253	38.69	235	48.96	488	43.03
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		654	100	480	100	1134	100

Chart 3.4: Age & Sex wise distribution of deaths due to ‘Diseases of Pulmonary Circulation and other forms of Heart Diseases’



### 3.1.4 Hypertensive Diseases

The sub group 'Hypertensive Diseases' is reported to be the fourth highest cause of deaths constituting 10.05% the 'Diseases of Circulatory System'. More deaths reported in '55 and above' age group. Out of the death due to Hypertensive Diseases, 56.22% were males and 43.78% females.

Table 3.6: Age & Sex wise distribution of deaths due to 'Hypertensive Diseases'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	2	0.54	2	0.23
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	0	0.00	1	0.27	1	0.12
5	25-34	3	0.63	0	0.00	3	0.35
6	35-44	14	2.92	4	1.07	18	2.11
7	45-54	47	9.81	24	6.43	71	8.33
8	55-64	108	22.55	35	9.38	143	16.78
9	65-69	75	15.66	68	18.23	143	16.78
10	70+	232	48.43	239	64.08	471	55.28
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		479	100	373	100	852	100

### 3.1.5 Other diseases of the Circulatory System

'Other diseases of the circulatory system' contributing 2.73% events cause under the major group 'Diseases of Circulatory System', which includes diseases of arteries, arterioles & capillaries. Out of the death due to 'Other diseases of the circulatory system', 60.61% were males and 39.39% females. Maximum deaths reported for '55 and above' age group.

Table 3.7: Age &amp; Sex wise distribution of deaths due to 'Other diseases of the Circulatory System'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	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	0	0.00	3	3.30	3	1.30
5	25-34	1	0.71	1	1.10	2	0.87
6	35-44	5	3.57	5	5.49	10	4.33
7	45-54	12	8.57	6	6.59	18	7.79
8	55-64	36	25.71	19	20.88	55	23.81
9	65-69	24	17.14	15	16.48	39	16.88
10	70+	62	44.29	42	46.15	104	45.02
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	140	100	91	100	231	100

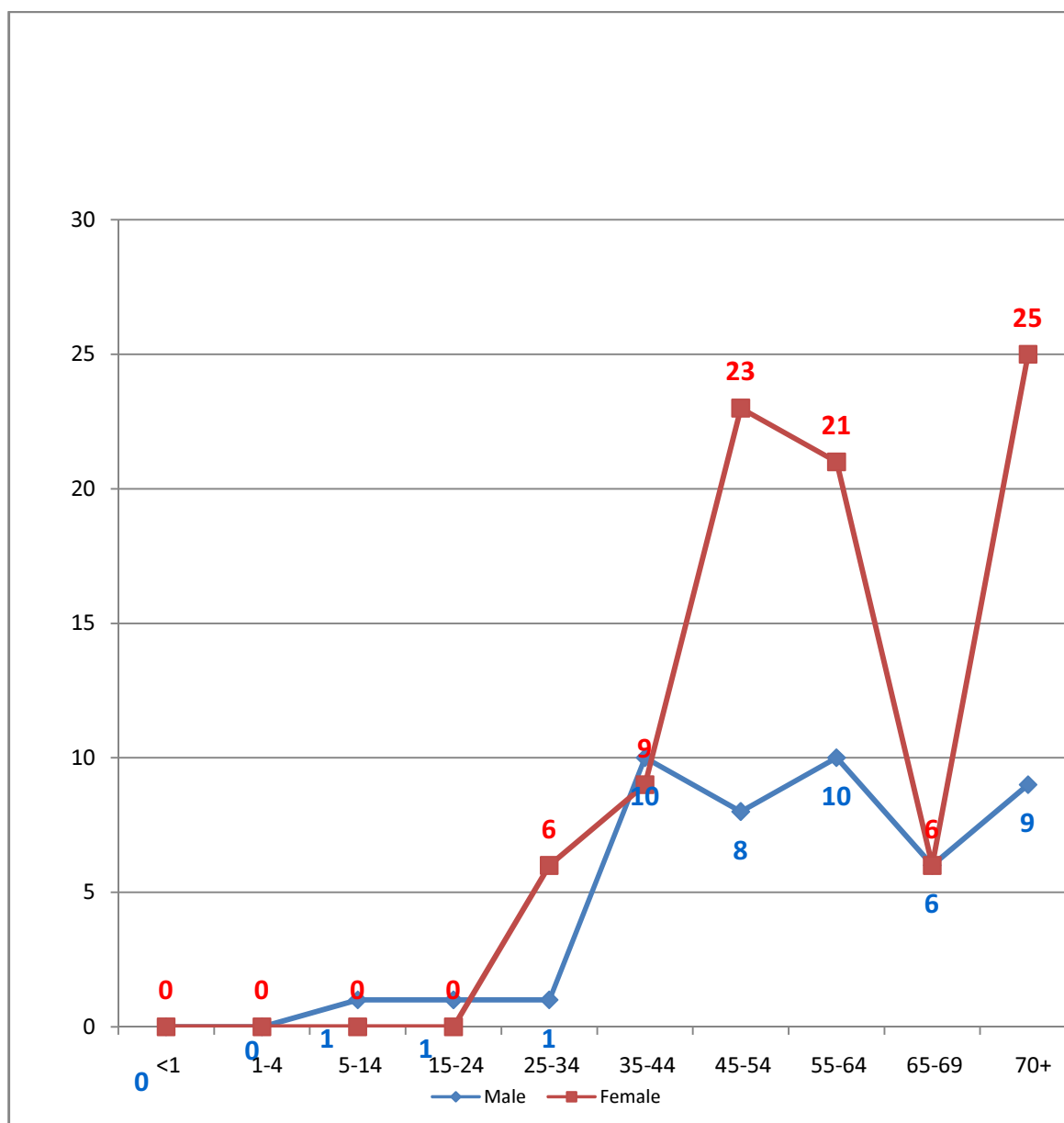
### 3.1.6 Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases

'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases' (1.60%) are another leading cause under the major group 'Diseases of Circulatory System'. The percentages of female deaths (66.18%) are more in 'Acute rheumatic fever and chronic rheumatic heart diseases'.

Table 3.8: Age &amp; Sex wise distribution of deaths due to 'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases'.

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	1	2.17	0	0.00	1	0.74
4	15-24	1	2.17	0	0.00	1	0.74
5	25-34	1	2.17	6	6.67	7	5.15
6	35-44	10	21.74	9	10.00	19	13.97
7	45-54	8	17.39	23	25.56	31	22.79
8	55-64	10	21.74	21	23.33	31	22.79
9	65-69	6	13.04	6	6.67	12	8.82
10	70+	9	19.57	25	27.78	34	25.00
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	46	100	90	100	136	100

Chart 3.5: Age & Sex wise distribution of deaths due to 'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases'



### 3.2. Neoplasms/Cancer (II), (C00-D48):

'Neoplasm', which is commonly known as Cancer, is responsible for 15.92% of the total Medically Certified Deaths. The percentage of deaths due to 'Neoplasms' in total males deaths is 16.13% as compared to the corresponding figure of 15.58% in case of female. Out of 4397 Neoplasm deaths, 2768 were males (62.95%) and 1629 females (37.05%). The distribution of major causes of deaths under the group is given in the Table 3.9 and Chart 3.6.

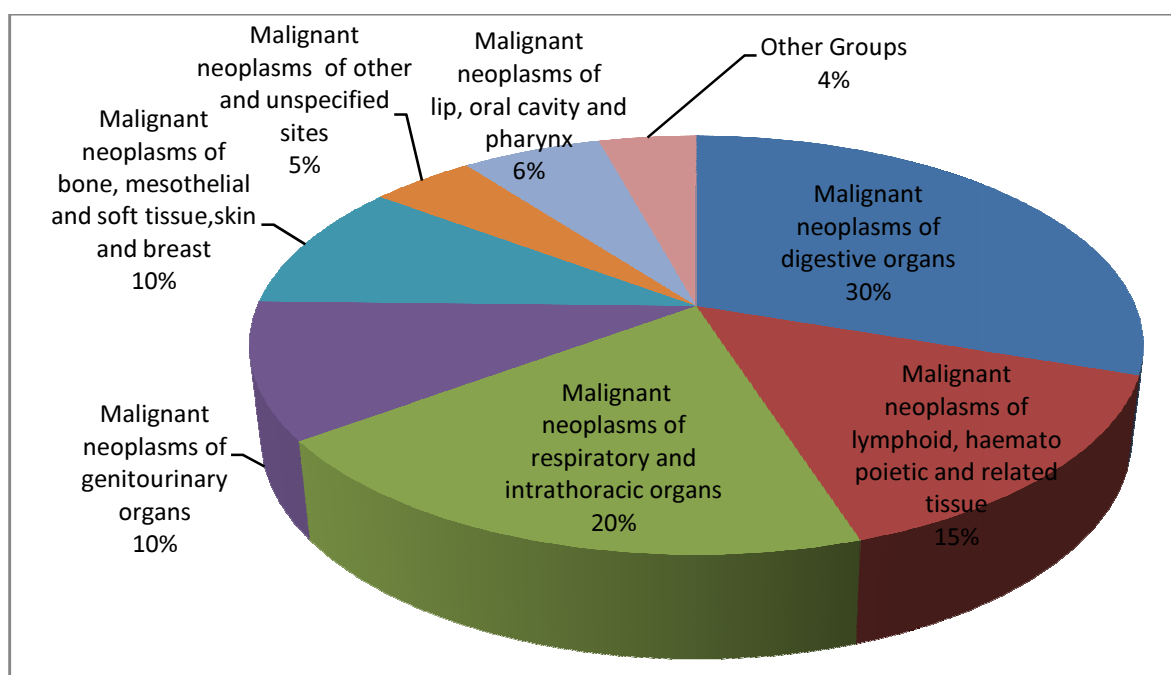


Table 3.9: Distribution of major causes of deaths among 'Neoplasms'

Sl, No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasms of digestive organs (C15-C26)	941	34.00	388	23.82	1329	30.23
2	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	764	27.60	108	6.63	872	19.83
3	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	384	13.87	267	16.39	651	14.81
4	Malignant neoplasms of genitourinary organs (C51-C68)	216	7.80	245	15.04	461	10.48
5	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	48	1.73	386	23.70	434	9.87
6	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	206	7.44	60	3.68	266	6.05
7	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	115	4.15	83	5.10	198	4.50
8	Other Groups	94	3.40	92	5.65	186	4.23
<b>Total Medically Certified Deaths due to Neoplasm</b>		<b>2768</b>	<b>100</b>	<b>1629</b>	<b>100</b>	<b>4397</b>	<b>100</b>
<b>Deaths due to Neoplasm as percentage to total medically certified deaths</b>		<b>2768</b>	<b>16.13</b>	<b>1629</b>	<b>15.58</b>	<b>4397</b>	<b>15.92</b>

Among the 'Neoplasm' deaths, 'Malignant Neoplasm of Digestive Organs' accounts for the highest mortality (30.23%), followed by 'Malignant Neoplasm of Respiratory and Intrathoracic Organs' (19.83%), 'Malignant of Lymphoid, Haematopoietic & other related tissue' (14.81%), 'Malignant neoplasms of genitourinary organs' (10.48%) and 'Malignant neoplasms of bone, mesothelium and soft tissue, skin and breast' (9.87%) 'Malignant neoplasms of lip, oral cavity and pharynx' (6.05%), and 'Malignant neoplasms of other unspecified sites' (4.50%) are other major causes.

Chart 3.6: Percentage distribution of major causes of deaths due to 'Neoplasms' under MCCD – 2016



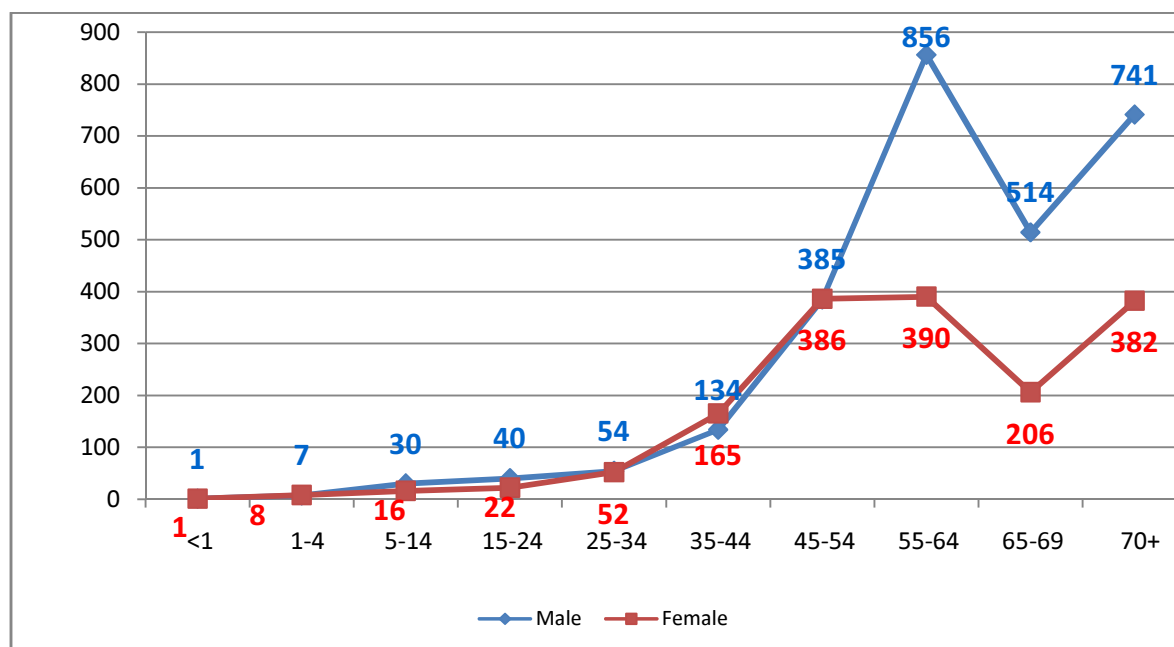
The number of 'Neoplasm' deaths are more in '45 and above' age group. The tendency of Neoplasm deaths are low for the male and female for the age group up to 44 and the gap become widen after '45 and above' age group. The age distribution of medically certified deaths due to 'Neoplasm' has been given in Table 3.10.

Table 3.10: Age distribution of deaths due to 'Neoplasm' under MCCD-2016.

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	1	0.04	1	0.06	2	0.05
2	1-4	7	0.25	8	0.49	15	0.34
3	5-14	30	1.08	16	0.98	46	1.05
4	15-24	40	1.45	22	1.35	62	1.41
5	25-34	54	1.95	52	3.19	106	2.41
6	35-44	134	4.84	165	10.13	299	6.80
7	45-54	385	13.91	386	23.70	771	17.53
8	55-64	856	30.92	390	23.94	1246	28.34
9	65-69	514	18.57	206	12.65	720	16.37
10	70+	741	26.77	382	23.45	1123	25.54
11	N.S.	6	0.22	1	0.06	7	0.16
	TOTAL	2768	100.00	1629	100.00	4397	100.00

The age distribution of medically certified deaths due to 'Neoplasm' has been highlighted in Chart 3.7. The age distribution under this cause group increases with age.

Chart 3.7: Age distribution of deaths due to 'Neoplasm'



### 3.2.1 Malignant Neoplasms of Digestive Organs

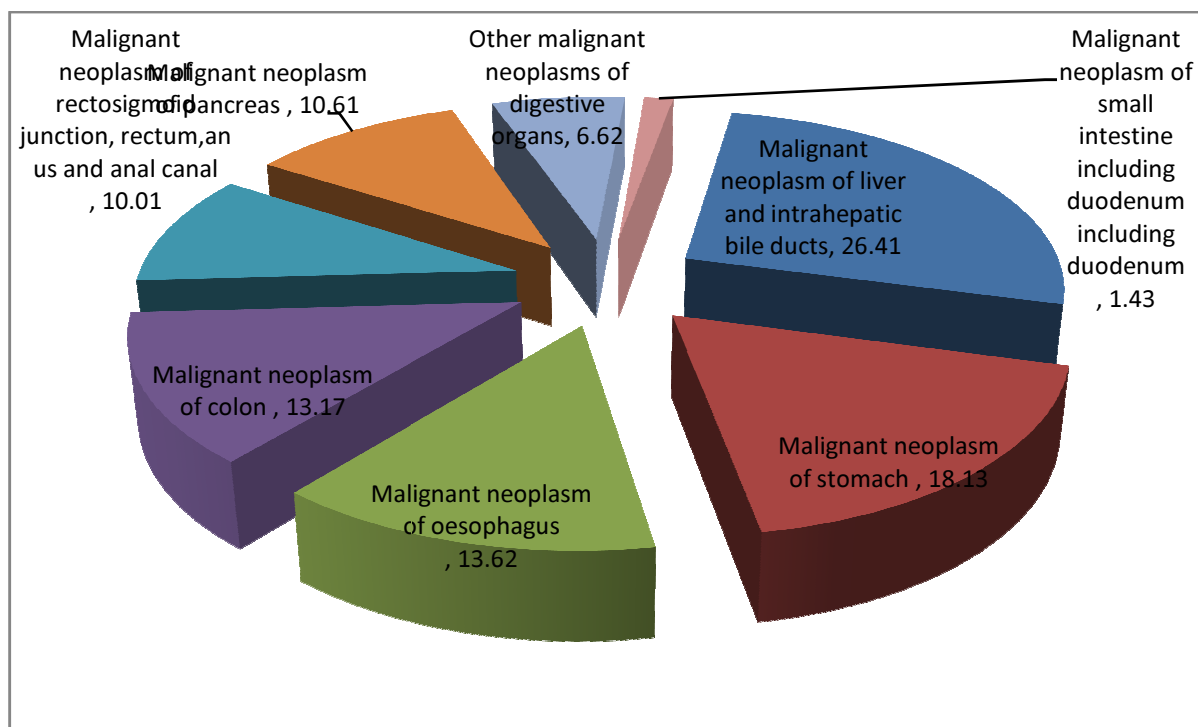
The sub group 'Malignant Neoplasms of Digestive Organs' is reported to be the highest cause of deaths constituting 30.23% of the deaths due to 'Neoplasm'. The share of deaths due to 'Malignant Neoplasms of Digestive Organs' in males, deaths is 34.00% as against 23.82% of corresponding female deaths. Out of 1329 death under this cause, 941 were males (70.81%). That shows 'Malignant Neoplasms of Digestive Organs' in males are more than double that of females.

Among the deaths under 'Malignant Neoplasms of Digestive Organs', 26.41% is due to 'Malignant neoplasm of liver'. Out of which the male death accounts for about 80.34% of the total deaths due to malignancy in liver. 'Malignant Neoplasm of Stomach'(18.13%), 'Malignant neoplasm of oesophagus'(13.62%), 'Malignant neoplasm of colon' (13.17%), 'Malignant neoplasm of pancreas' (10.61%), 'Malignant neoplasm of recto sigmoid junction, rectum, anus and anal canal' (10.01%), are other major causes under this group. The distribution of major causes of deaths under the group is given in the Table 3.11 and depicted in Chart 3.8.

Table 3.11: Distribution of major causes of deaths among 'Malignant Neoplasms of Digestive Organs'

Sl, No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasm of liver and intrahepatic bile ducts	282	29.97	69	17.78	351	26.41
2	Malignant neoplasm of stomach	183	19.45	58	14.95	241	18.13
3	Malignant neoplasm of oesophagus	137	14.56	44	11.34	181	13.62
4	Malignant neoplasm of colon	104	11.05	71	18.30	175	13.17
5	Malignant neoplasm of pancreas	90	9.56	51	13.14	141	10.61
6	Malignant neoplasm of rectosigmoid junction, rectum,anus and anal canal	79	8.40	54	13.92	133	10.01
7	Other malignant neoplasms of digestive organs	56	5.95	32	8.25	88	6.62
8	Malignant neoplasm of small intestine including duodenum including duodenum	10	1.06	9	2.32	19	1.43
<b>Total Medically Certified Deaths due to 'Malignant neoplasms of digestive organs '</b>		<b>941</b>	<b>100</b>	<b>388</b>	<b>100</b>	<b>1329</b>	<b>100</b>
Deaths due to 'Malignant neoplasms of digestive organs' as percentage to total Neoplasm deaths.		34.00		23.82		30.23	

Chart 3.8: Percentage distribution of major causes of deaths due to ‘Malignant Neoplasms of Digestive Organs’ under MCCD – 2016



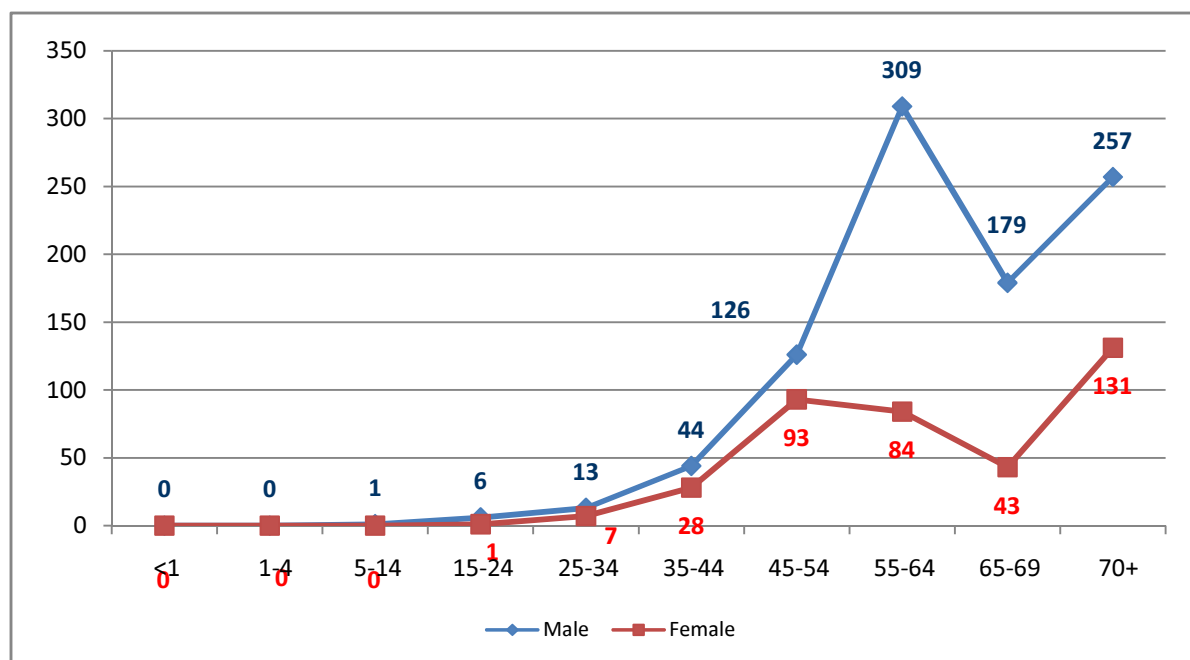
Comparatively less number of ‘Malignant Neoplasms of Digestive Organs’ death occurred for ‘25 and below’ age group. Number of deaths are more in ‘55 and above’ age

group. Number of death is almost the same for male and female for the age up to 34 under this group. For '35 and above' age, male deaths are more. The age wise distribution of major causes of deaths under 'Malignant Neoplasms of Digestive Organs' given in the Table 3.12 and depicted in Chart 3.9

Table 3.12: Age distribution of deaths due to 'Malignant Neoplasms of Digestive Organs'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	1	0.11	0	0.00	1	0.08
4	15-24	6	0.64	1	0.26	7	0.53
5	25-34	13	1.38	7	1.80	20	1.50
6	35-44	44	4.68	28	7.22	72	5.42
7	45-54	126	13.39	93	23.97	219	16.48
8	55-64	309	32.84	84	21.65	393	29.57
9	65-69	179	19.02	43	11.08	222	16.70
10	70+	257	27.31	131	33.76	388	29.19
11	N.S.	6	0.64	1	0.26	7	0.53
TOTAL		941	100	388	100	1329	100

Chart 3.9: Age distribution of deaths due to 'Malignant Neoplasms of Digestive Organs'



### 3.2.1.1 Malignant Neoplasm of Liver

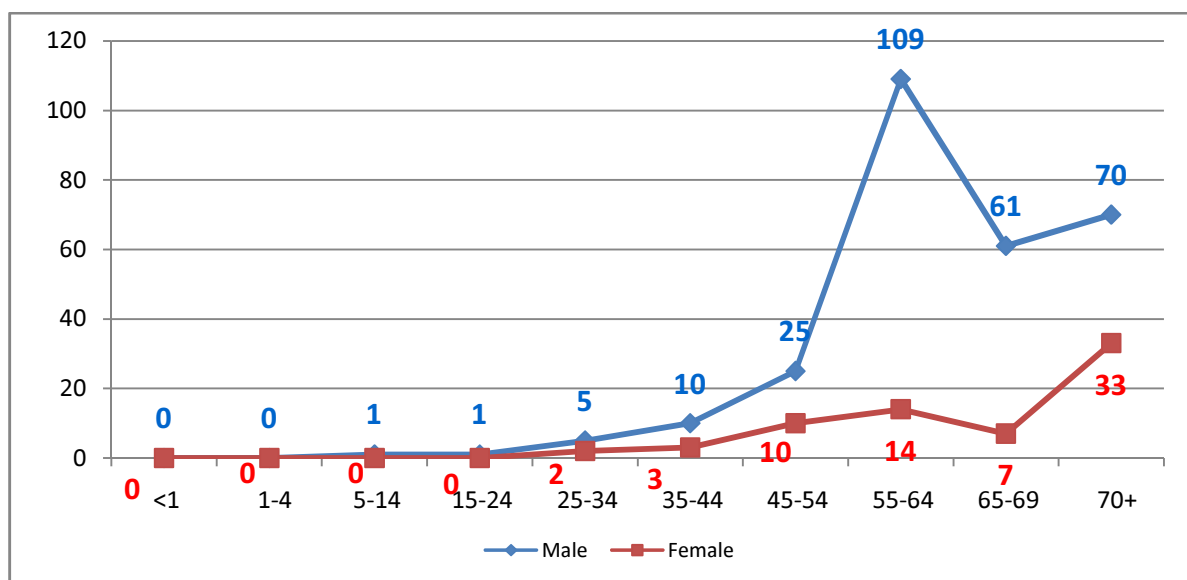
Among the death covered under 'Malignant Neoplasms of Digestive Organs', 26.41% is due to 'Malignant neoplasm of liver'. Out of 351 deaths due to 'Malignant neoplasm of

liver', 282 were male deaths (80.34%). This is almost four times more than that of female deaths. Number of deaths is very less for age 'under 34'. For '45 and above' age groups, number of deaths is increasing. The age distribution of medically certified deaths due to 'Malignant neoplasm of liver' has been given in Table 3.13 and Chart 3.10

Table 3.13: Age distribution of deaths due to 'Malignant neoplasm of liver'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	1	0.35	0	0.00	1	0.28
4	15-24	1	0.35	0	0.00	1	0.28
5	25-34	5	1.77	2	2.90	7	1.99
6	35-44	10	3.55	3	4.35	13	3.70
7	45-54	25	8.87	10	14.49	35	9.97
8	55-64	109	38.65	14	20.29	123	35.04
9	65-69	61	21.63	7	10.14	68	19.37
10	70+	70	24.82	33	47.83	103	29.34
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	282	100	69	100	351	100

Chart 3.10: Age distribution of deaths due to 'Malignant neoplasm of liver'



### 3.2.1.2 Malignant Neoplasm of Stomach

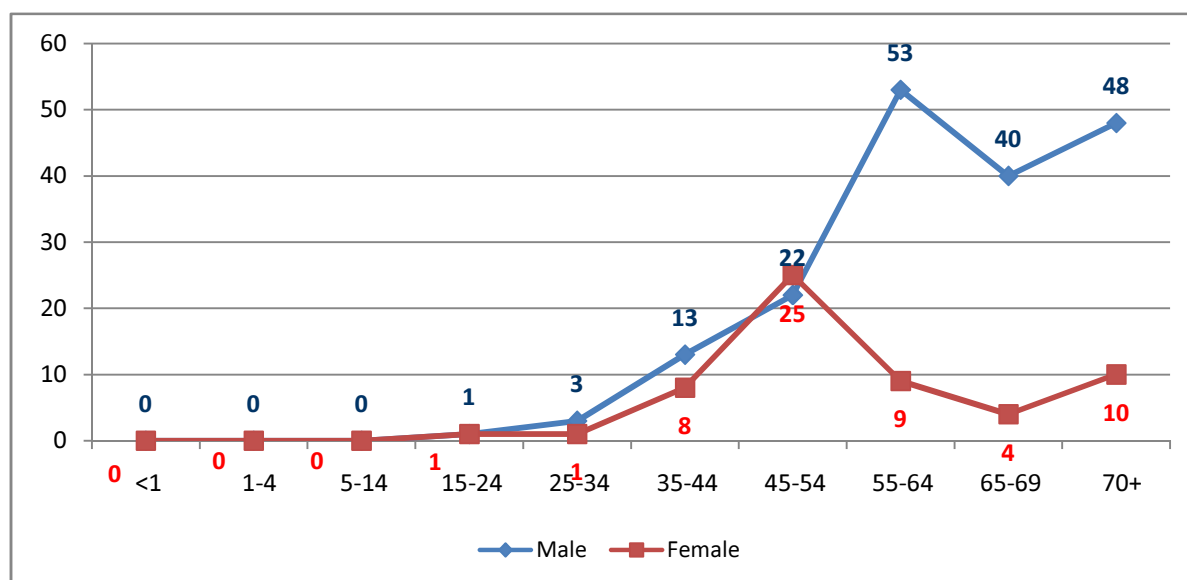
Among the death covered under 'Malignant Neoplasms of Digestive Organs', 18.13% is due to 'Malignant Neoplasm of Stomach' and the incidence of deaths are occur in males. Out of 241 deaths due to 'Malignant Neoplasm of Stomach', 183 were male deaths (75.93%).

No deaths occurred under age 25. For '45 and above' age, number of deaths in upward trend. The age distribution of medically certified deaths due to 'Malignant Neoplasm of Stomach' given in Table 3.14 and in Chart 3.11

Table 3.14: Age distribution of deaths due to 'Malignant Neoplasm of Stomach'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	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	1	0.55	1	0.00	2	0.41
5	25-34	3	1.64	1	8.20	4	3.28
6	35-44	13	7.10	8	13.11	21	8.61
7	45-54	22	12.02	25	40.98	47	19.26
8	55-64	53	28.96	9	14.75	62	25.41
9	65-69	40	21.86	4	6.56	44	18.03
10	70+	48	26.23	10	16.39	58	23.77
11	N.S.	3	1.64	0	0.00	3	1.23
	TOTAL	183	100	58	100	241	100

Chart 3.11: Age distribution of deaths due to 'Malignant Neoplasm of Stomach'



### 3.2.2 Malignant Neoplasm of Respiratory and Intra Thoracic Organs

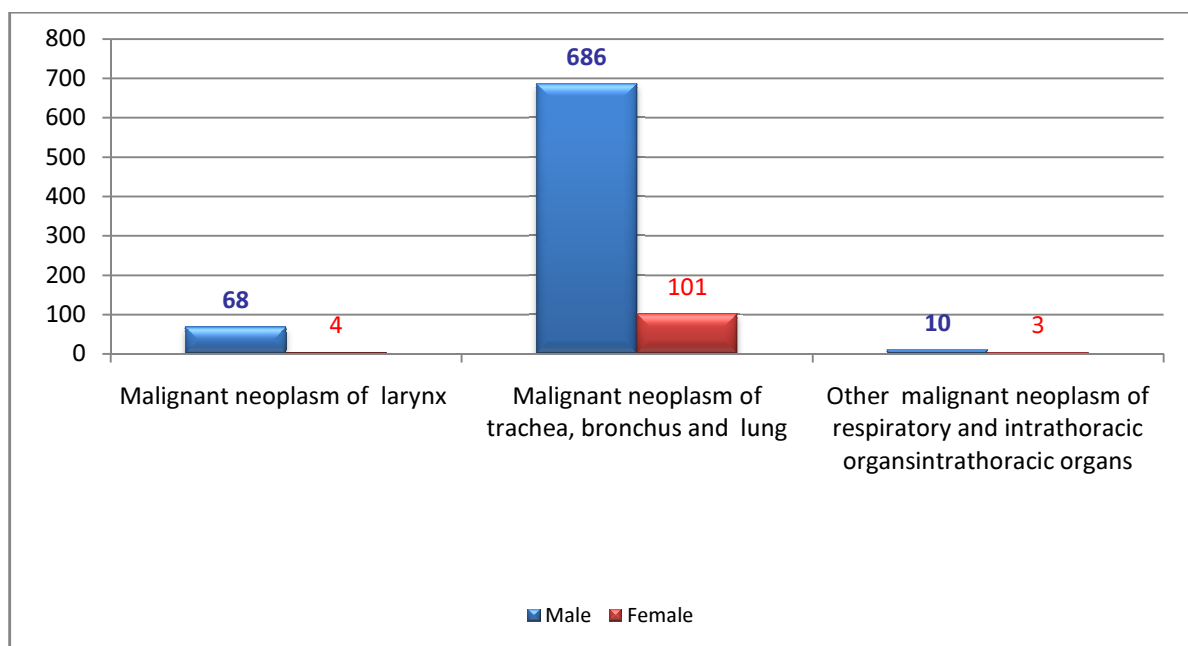
The sub group 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' is reported to be the second highest cause of deaths constituting 19.83% of the 'Neoplasm' deaths. Among the death covered under 'Malignant Neoplasm of Respiratory and Intra

Thoracic Organs', 90.25% is due to 'Malignant neoplasm of lungs'. The distribution of major causes of deaths under the group is given in the Table 3.15 and depicted in Chart 3.12.

Table 3.15: Distribution of major causes of deaths among 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs'

Sl, No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasm of larynx	68	8.90	4	3.70	72	8.26
2	Malignant neoplasm of trachea, bronchus and lung	686	89.79	101	93.52	787	90.25
3	Other malignant neoplasm of respiratory and intra thoracic	10	1.31	3	2.78	13	1.49
<b>Total Medically Certified Deaths due to Malignant neoplasms of respiratory and intra thoracic organs</b>		<b>764</b>	<b>100</b>	<b>108</b>	<b>100</b>	<b>872</b>	<b>100</b>
<b>Deaths due to 'Malignant neoplasms of respiratory and intra thoracic organs' as percentage to total Neoplasm deaths.</b>		<b>2768</b>	<b>27.60</b>	<b>1629</b>	<b>6.63</b>	<b>4397</b>	<b>19.83</b>

Chart 3.12: Distribution of major causes of deaths among 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs'



Among deaths caused by 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' about 78.70% is due to Lung Cancer in male. Lung Cancer in male alone accounts for around 15.60% of total male Neoplasm deaths. Out of 787 deaths due to 'Malignant Neoplasm of Lungs', 686 were male deaths (87.17%). This is almost seven times more than that of female deaths. The age distribution of medically certified deaths due to 'Malignant neoplasm of lungs' has been highlighted in Table 3.16.

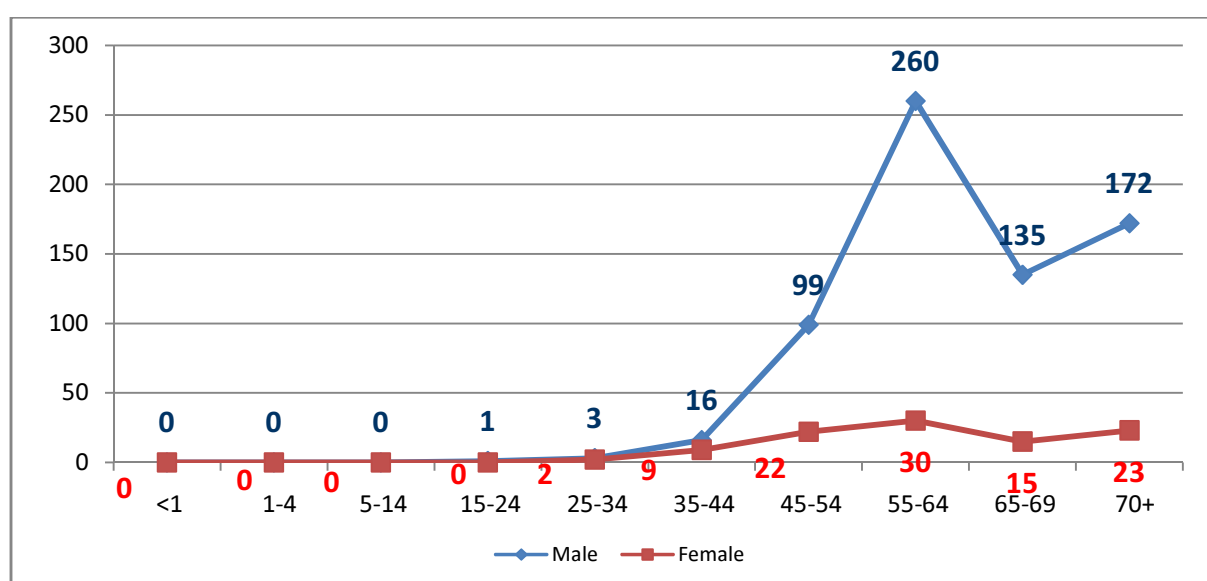


Table 3.16: Age distribution of deaths due to 'Malignant neoplasm of lungs'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	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	1	0.15	0	0.00	1	0.13
5	25-34	3	0.44	2	1.98	5	0.64
6	35-44	16	2.33	9	8.91	25	3.18
7	45-54	99	14.43	22	21.78	121	15.37
8	55-64	260	37.90	30	29.70	290	36.85
9	65-69	135	19.68	15	14.85	150	19.06
10	70+	172	25.07	23	22.77	195	24.78
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	686	100	101	100	787	100

The age distribution of medically certified deaths due to 'Malignant neoplasm of lungs' has been highlighted in Chart 3.13.

Chart 3.13: Age distribution of deaths due to 'Malignant Neoplasm of Lungs'



### 3.2.3 Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue

The sub group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue' is reported to be the third highest cause of deaths constituting 14.81% of the deaths due to 'Neoplasm'. The percentage of female deaths due to 'Malignant neoplasms of lymphoid, haematopoietic and related tissue' to total female neoplasm deaths is 16.39% as compared to 13.87% of corresponding male deaths.

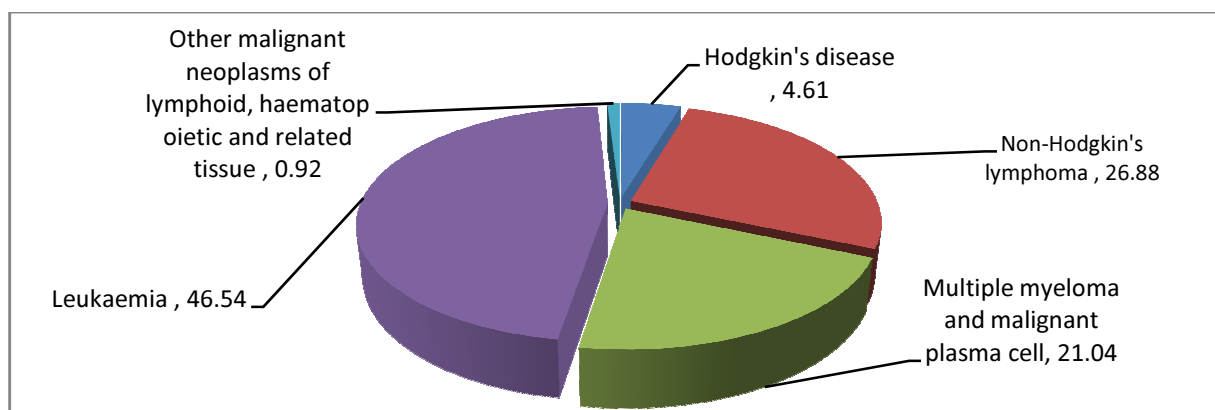
Among the death covered under the group, 46.54% is due to 'Leukaemia'. 'Non-Hodgkin's lymphoma' (26.88%), 'Multiple myeloma and malignant plasma cell' (21.04%) are other major causes. The distribution of major causes of deaths under the group is given in the Table 3.17.

Table 3.17: Age distribution of deaths due to 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue'

Sl, No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Leukaemia	171	44.53	132	49.44	303	46.54
2	Non-Hodgkin's lymphoma	115	29.95	60	22.47	175	26.88
3	Multiple myeloma and malignant plasma cell	72	18.75	65	24.34	137	21.04
4	Other malignant neoplasms of lymphoid, haematopoietic and related tissue	4	1.04	2	0.75	6	0.92
5	Hodgkin's disease	22	5.73	8	3.00	30	4.61
<b>Total Medically Certified Deaths due to Malignant neoplasms of lymphoid, haematopoietic and related tissue</b>		<b>384</b>	<b>100</b>	<b>267</b>	<b>100</b>	<b>651</b>	<b>100</b>

The major causes of death in the group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue' is given on Chart 3.14.

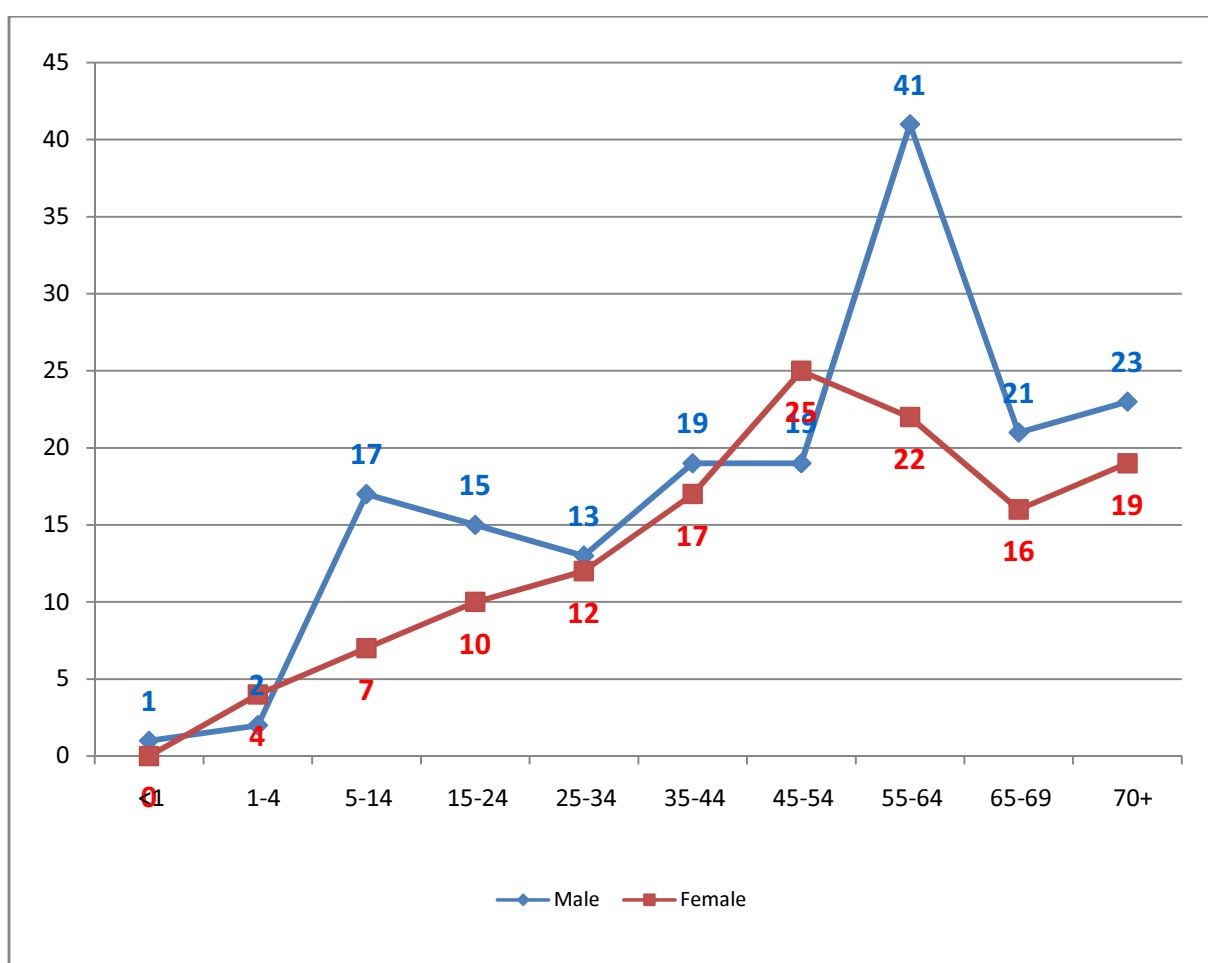
Chart 3.14: Distribution of major causes of deaths among 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue'



### 3.2.3.1 Leukaemia

In the sub group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue', 46.54% of death is due to Leukaemia. 56.44% of death due to Leukaemia was among males. It occurred in all age groups and maximum number of deaths in the age group '55-64'. It is one of the main reasons for death of children in the age group '1-4'. The age distribution of medically certified deaths due to Leukaemia has been highlighted in Chart 3.15.

Chart 3.15: Age distribution of deaths due to 'Leukaemia'



### 3.2.4 Malignant Neoplasms of Genitourinary Organs

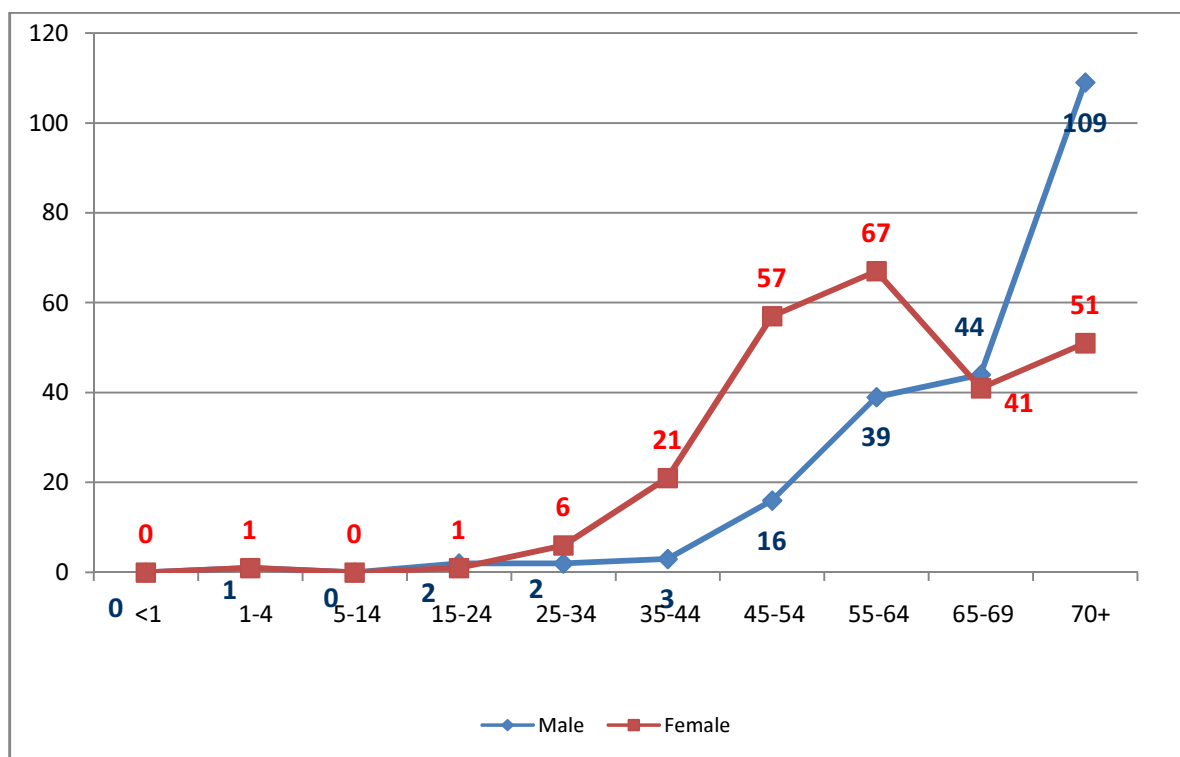
Under the cause, 'Malignant Neoplasms of Genitourinary Organs', 26.25% is due to 'Malignant Neoplasm of Ovary'. Under this group 24.08% of male neoplasm death is due to 'Malignant Neoplasm of Prostate' and 11.06% of male neoplasm death is due to 'Malignant Neoplasm of Bladder'. Out of 461 deaths due to 'Malignant Neoplasms of Genitourinary Organs', 294 were female deaths (53.14%). The age distribution of medically certified deaths due to 'Malignant Neoplasms of Genitourinary Organs' has been highlighted in Table 3.18.

Table 3.18: Age distribution of deaths due to 'Malignant Neoplasms of Genitourinary Organs'

Sl,No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	1	0.46	1	0.41	2	0.43
3	5-14	0	0.00	0	0.00	0	0.00

4	15-24	2	0.93	1	0.41	3	0.65
5	25-34	2	0.93	6	2.45	8	1.74
6	35-44	3	1.39	21	8.57	24	5.21
7	45-54	16	7.41	57	23.27	73	15.84
8	55-64	39	18.06	67	27.35	106	22.99
9	65-69	44	20.37	41	16.73	85	18.44
10	70+	109	50.46	51	20.82	160	34.71
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		216	100	245	100	461	100

Chart 3.16: Age distribution of deaths due to 'Malignant Neoplasms of Genitourinary Organs'



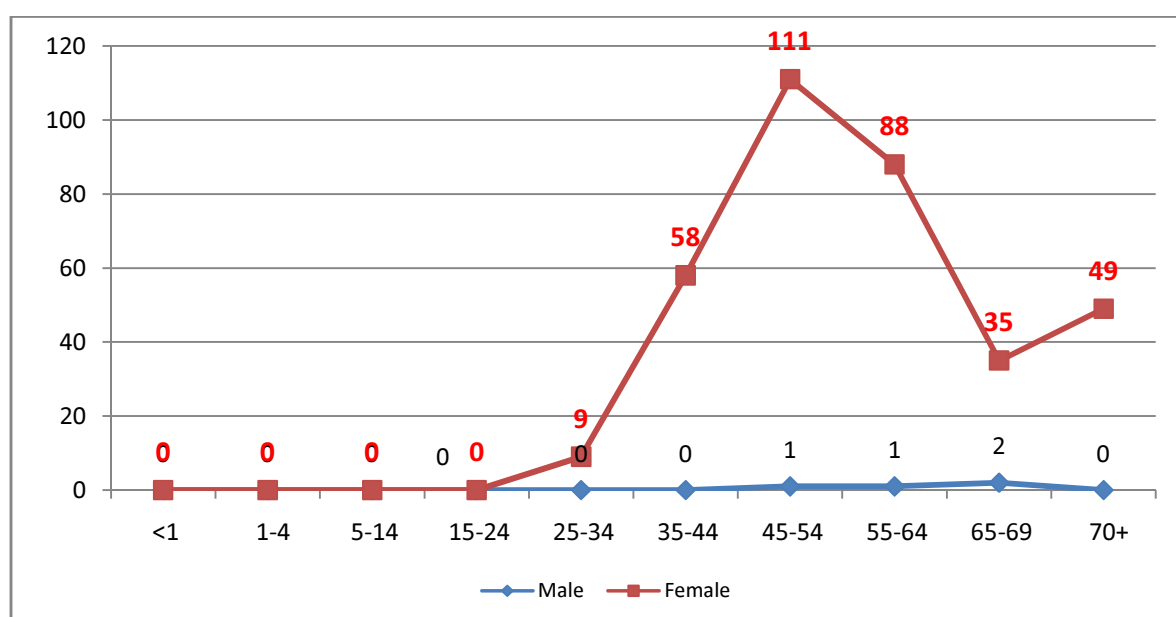
### 3.2.5 Malignant Neoplasms of Bone, Mesothelial and Soft Tissue, Skin and Breast

The sub group 'Malignant Neoplasms of Bone, Mesothelial and Soft Tissue, Skin and Breast' is reported to be the fifth highest cause of deaths constituting 9.87% of the 'Neoplasm'. Among deaths caused by 'Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast' about 80.65% is due to Breast Cancer in female. Breast Cancer alone accounts 21.49% of the total female Neoplasm death. Number of female death due to breast cancer is more in the age group '55-64'. The age distribution of medically certified deaths due to 'Malignant neoplasm of Breast' has been highlighted in Table 3.19.

Table 3.19: Age distribution of deaths due to 'Malignant Neoplasm of Breast'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	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	0	0.00	0	0.00	0	0.00
5	25-34	0	0.00	9	2.57	9	2.54
6	35-44	0	0.00	58	16.57	58	16.38
7	45-54	1	0.00	111	31.71	112	31.64
8	55-64	1	0.00	88	25.14	89	25.14
9	65-69	2	0.00	35	10.00	37	10.45
10	70+	0	0.00	49	14.00	49	13.84
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		4	0	350	100	354	100

Chart 3.17: Age distribution of deaths due to 'Malignant Neoplasm of Breast'



### 3.2.6 Malignant neoplasm of lip, oral cavity and pharynx

The percentage of male deaths and female deaths under the cause, 'Malignant neoplasm of lip, oral cavity and pharynx' are 77.44% and 22.56% respectively which is about 6.05% of the total Neoplasm deaths.

### 3.2.7 Malignant Neoplasms of Other and Unspecified Sites

The percentage of male deaths and female deaths under the cause, 'Malignant neoplasm of other and unspecified sites' are 58.08% and 41.92% respectively which constitute about 4.50% of the total Neoplasm deaths.

### 3.2.8 Other Neoplasms

Under 'Other Neoplasms', the causes with 'Malignant neoplasms of eye, brain and other parts of central nervous system' 2.05%, 'Benign neoplasms' 1.46%, and 'Other unspecified neoplasm' 0.68% are reported under Medically Certified Deaths.

## 3.3 Diseases of the Respiratory System (X): (J00-J98)

'Diseases of Respiratory System' is the third leading cause which responsible for 10.58% of the total Medically Certified Deaths. This is one of the main reasons for death among males. This has contributed to 11.19% of male and 9.57% of females of the respective total Medically Certified Deaths. Pneumonia and Chronic Obstructive Pulmonary Disease are the major underline cause of diseases under this category. The distribution of the major cause group is given Table 3.20.

Table 3.20: Distribution of major causes of deaths among 'Diseases of the Respiratory System'

Sl. No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	1	0.05	0	0.00	1	0.03
2	Lower respiratory diseases ( J20-J22 & J40-J47)	1510	78.60	692	69.13	2202	75.36
3	Other diseases of the respiratory system (J10-J18,J60-J98)	410	21.34	309	30.87	719	24.61
<b>Total Medically Certified Deaths due to Diseases of the Respiratory System</b>		<b>1921</b>	<b>100</b>	<b>1001</b>	<b>100</b>	<b>2922</b>	<b>100</b>
<b>Deaths due to Diseases of the Respiratory System as percentage to total medically certified deaths</b>		1921	11.19	1001	9.57	2922	10.58

‘Lower Respiratory disorders’ is the leading cause of death, and has caused 75.36% of total deaths under the major cause group ‘Diseases of Respiratory System’. Out of 2202 death happened in this group, 1510 were male (68.57%). Chronic Obstructive Pulmonary Disease (COPD) is the major cause, which is 71.70% of the death reported under ‘Respiratory System Disease’. The percentage share of Chronic Obstructive Pulmonary Disease (COPD) to the total Medically Certified Deaths is 7.59%. It is followed by ‘Other Diseases of the Respiratory System’ (24.61%), which includes ‘Pneumonia’ an Inflammatory illness of the lung. It is one of the leading cause of death in this major group which about 12.90% of the deaths reported under ‘Respiratory System Disease’. The percentage share of Pneumonia to the total Medically Certified Deaths is 1.37%.

The death due to ‘Respiratory System Disease’ is more among the age group 0-4 and decreases upto the age group ‘25- 34’. The maximum death reported from the age group 70+. The age composition of deaths due to ‘Diseases of Respiratory System’ is presented in Table 3.21 and is highlighted in Chart 3.18.

Chart 3.18: Age & Sex wise distribution of deaths due to ‘Diseases of Respiratory System’

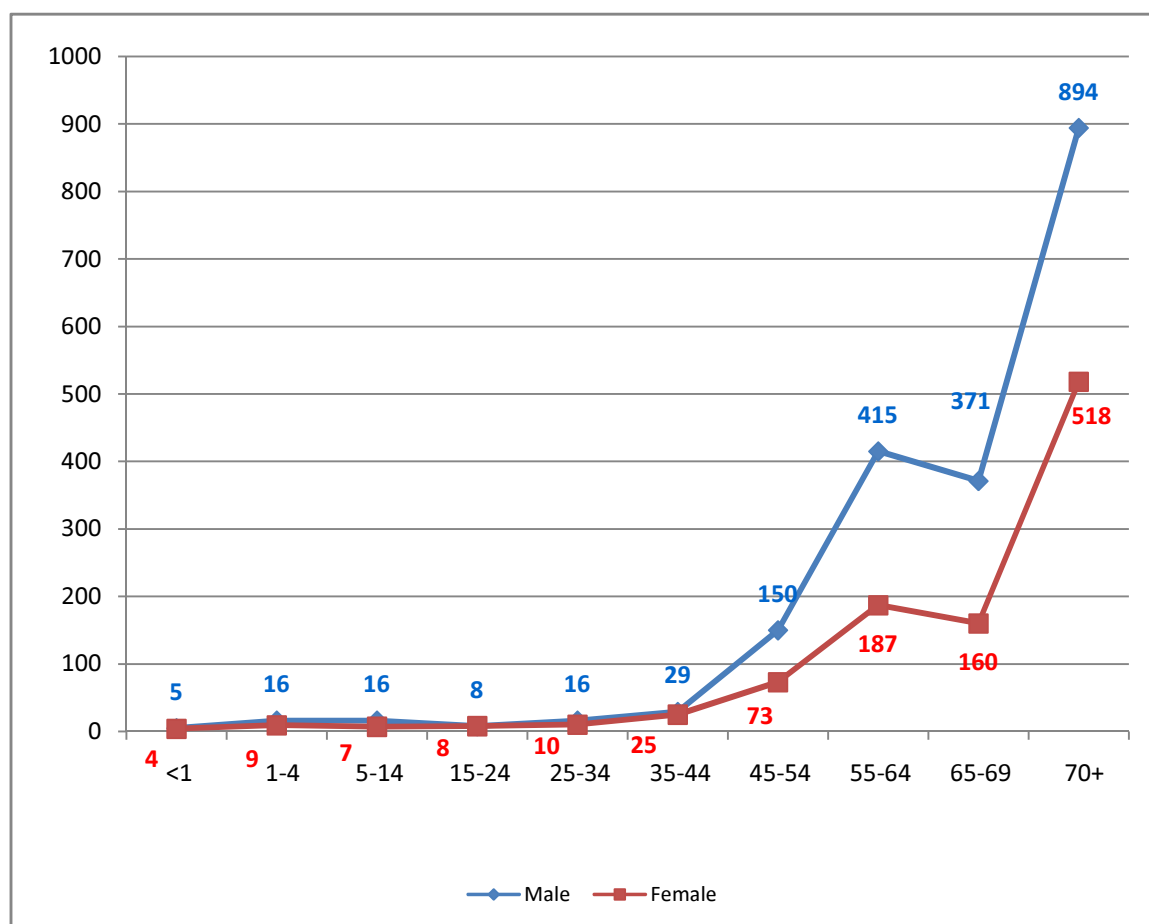


Table 3.21: Age & Sex wise distribution of deaths due to ‘Diseases of Respiratory System’

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	5	0.26	4	0.40	9	0.31
2	1-4	16	0.83	9	0.90	25	0.86
3	5-14	16	0.83	7	0.70	23	0.79
4	15-24	8	0.42	8	0.80	16	0.55
5	25-34	16	0.83	10	1.00	26	0.89
6	35-44	29	1.51	25	2.50	54	1.85
7	45-54	150	7.81	73	7.29	223	7.63
8	55-64	415	21.60	187	18.68	602	20.60
9	65-69	371	19.31	160	15.98	531	18.17
10	70+	894	46.54	518	51.75	1412	48.32
11	N.S.	1	0.05	0	0.00	1	0.03
	TOTAL	1921	100	1001	100	2922	100

### 3.4. Endocrine, Nutritional and Metabolic Diseases (IV): (E00-E89)

This is the fourth leading cause group which has caused to 9.04% of the total Medically Certified Deaths. Diabetes Mellitus, Thyroid disorders, Malnutrition are the major cause under this 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. It alone accounts for 86.62% of total deaths reported under the cause group. Out of 2162 deaths due to ‘Diabetes Mellitus’, 1248 were males (57.72%). The share of diabetes mellitus in total Medically Certified Deaths is 7.83%.

This is the major cause of death due to Non Communicable Diseases. The age wise distribution of deaths under ‘Diabetes Mellitus’ is depicted in the Chart 3.19 and the age wise distribution of deaths under the group ‘Endocrine, Nutritional and Metabolic Diseases’ is depicted in the Table 3.22.



Chart 3.19: Age &amp; Sex wise distribution of deaths due to 'Diabetes Mellitus'

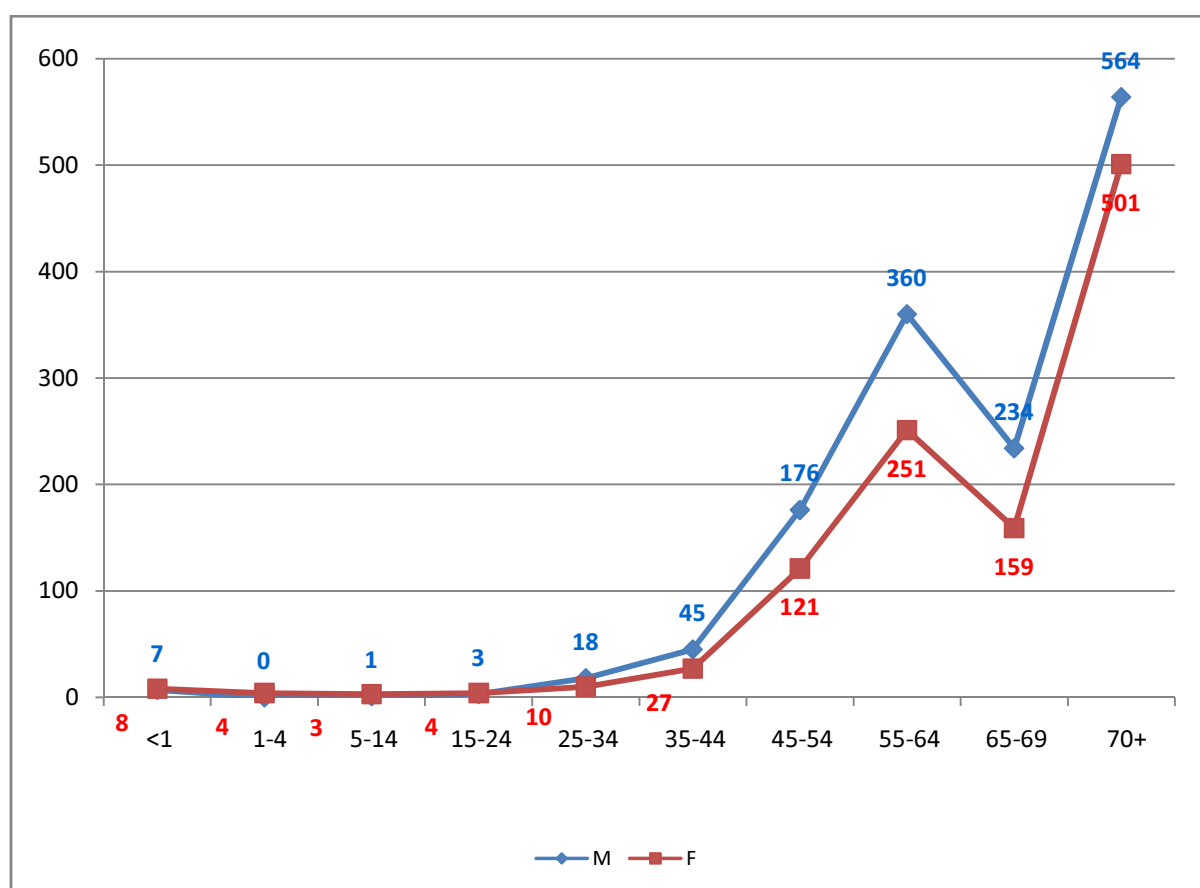


Table 3.22: Age &amp; Sex wise distribution of deaths due to 'Endocrine, Nutritional and Metabolic Diseases'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	7	0.50	8	0.74	15	0.60
2	1-4	0	0.00	4	0.37	4	0.16
3	5-14	1	0.07	3	0.28	4	0.16
4	15-24	3	0.21	4	0.37	7	0.28
5	25-34	18	1.28	10	0.92	28	1.12
6	35-44	45	3.20	27	2.48	72	2.88

7	45-54	176	12.50	121	11.12	297	11.90
8	55-64	360	25.57	251	23.07	611	24.48
9	65-69	234	16.62	159	14.61	393	15.75
10	70+	564	40.06	501	46.05	1065	42.67
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		1408	100.00	1088	100.00	2496	100.00

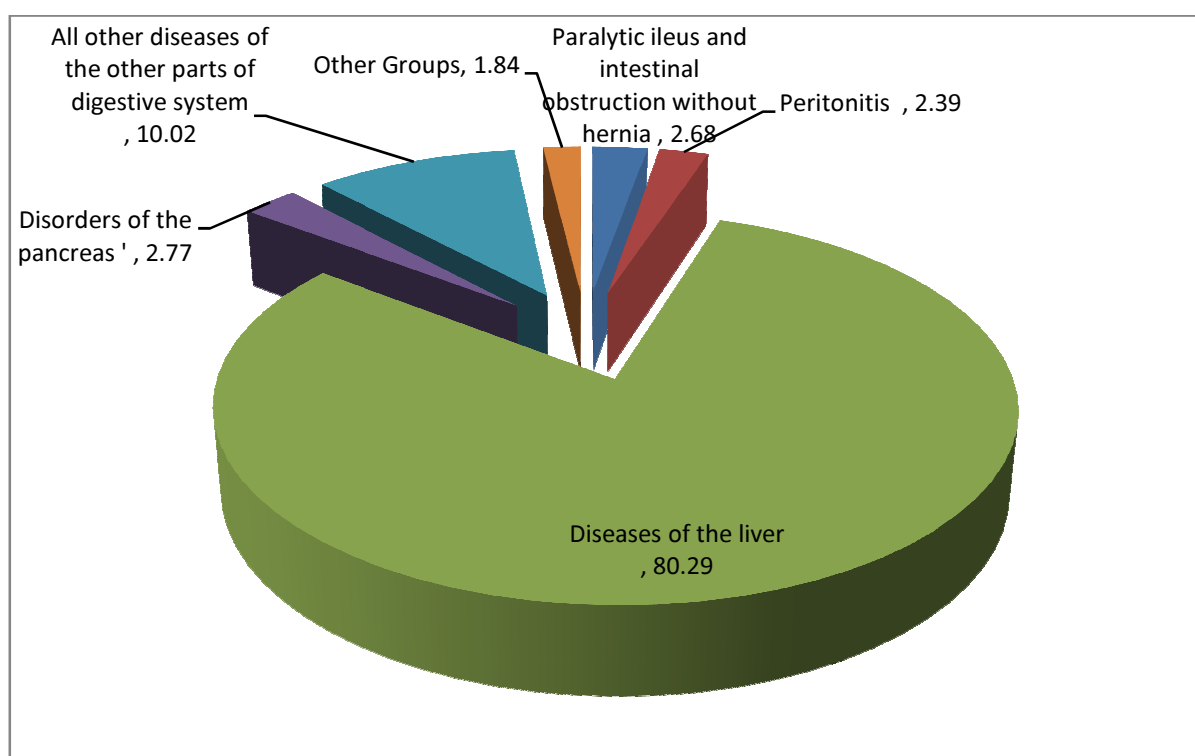
### 3.5 Diseases of the Digestive System (XI): (K00-K92)

‘Diseases of Digestive system’ is the fifth leading cause group, responsible for 8.64% of the total Medically Certified Deaths with 10.87% of male and 4.96% of female deaths. The percentage of male digestive disorder deaths to total Medically Certified Deaths is around four times to that of corresponding female deaths. 78.24% of deaths under this category were males. The major cause of death in this group is ‘Diseases of the Liver’. The distribution of major causes of deaths under this group is given in the Table 3.23 and is in Chart 3.20.

Table 3.23: Distribution of major causes of deaths due to ‘Diseases of Digestive System’

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Paralytic ileus and intestinal obstruction without hernia	38	2.04	26	5.01	64	2.68
2	Peritonitis	38	2.04	19	3.66	57	2.39
3	Diseases of the liver	1564	83.82	351	67.63	1915	80.29
4	Disorders of the pancreas '	58	3.11	8	1.54	66	2.77
5	All other diseases of the other parts of digestive system	147	7.88	92	17.73	239	10.02
6	Other Groups	21	1.13	23	4.43	44	1.84
<b>Total Medically Certified Deaths due to digestive system</b>		<b>1866</b>	<b>100.00</b>	<b>519</b>	<b>100.00</b>	<b>2385</b>	<b>100.00</b>
<b>Deaths due to Diseases of Digestive System as percentage to total medically certified deaths</b>		<b>1866</b>	<b>10.87</b>	<b>519</b>	<b>4.96</b>	<b>2385</b>	<b>8.64</b>

Chart 3.20: Distribution of major causes of deaths due to 'Diseases of Digestive System'

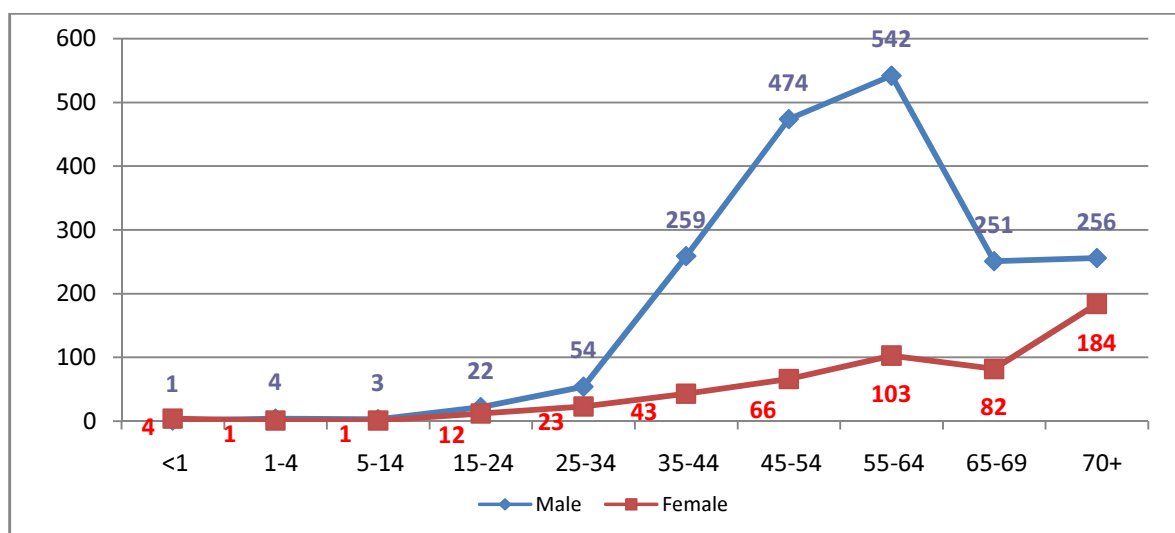


Comparatively less number of deaths occurred below the age 25 for male and female. It shows a northward trend in death rate for males with respect to age above 25 and more. As revealed from the Table 3.24, the number of deaths are more for the age group '45-54' and '55-64'. The age composition of deaths due to 'Diseases of Digestive system' is presented in Table 3.24 and is highlighted in Chart 3.21.

Table 3.24: Age &amp; Sex wise distribution of deaths due to 'Diseases of Digestive System' under MCCD-2016

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	1	0.05	4	0.77	5	0.21
2	1-4	4	0.21	1	0.19	5	0.21
3	5-14	3	0.16	1	0.19	4	0.17
4	15-24	22	1.18	12	2.31	34	1.43
5	25-34	54	2.89	23	4.43	77	3.23
6	35-44	259	13.88	43	8.29	302	12.66
7	45-54	474	25.40	66	12.72	540	22.64
8	55-64	542	29.05	103	19.85	645	27.04
9	65-69	251	13.45	82	15.80	333	13.96
10	70+	256	13.72	184	35.45	440	18.45
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	1866	100.00	519	100.00	2385	100.00

Chart 3.21: Age & Sex wise distribution of deaths due to 'Diseases of Digestive System' under MCCD-2016



### 3.5.1 Diseases of the liver

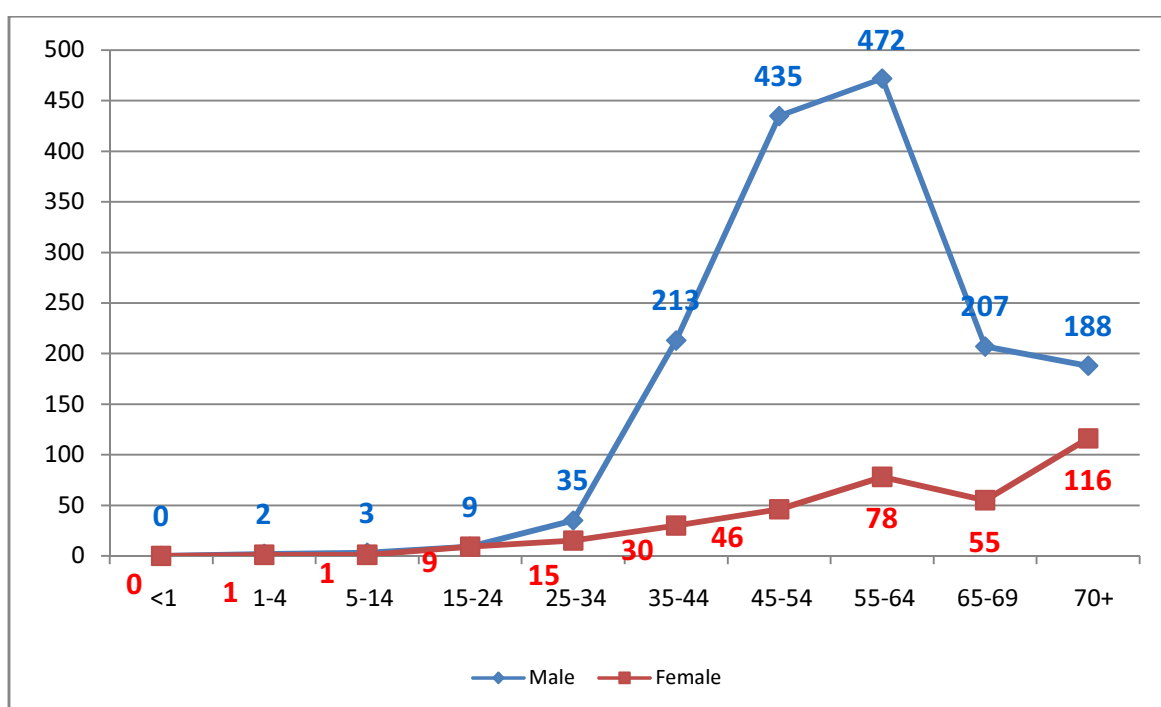
80.29% of cause under 'Diseases of Digestive System' is 'Diseases of the liver'. Out of 1915 death reported due to 'Diseases of the liver', 1564 were males (81.67%). The male deaths due to 'Diseases of the liver', is 5.67% of the total Medically Certified Deaths, and 9.11% of total Medically Certified male Deaths.

The age wise distribution of death due to disease of liver is shown in Table 3.25. Up to the age group of 0-24, the number of death of male and female are almost same, and then shows huge difference in deaths from the '25 and above' age. 67.52% of deaths was reported in the age group '45-69'. This is highlighted in Chart 3.22.

Table 3.25: Age & Sex wise distribution of death due to 'Diseases of the liver'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	2	0.13	1	0.28	3	0.16
3	5-14	3	0.19	1	0.28	4	0.21
4	15-24	9	0.58	9	2.56	18	0.94
5	25-34	35	2.24	15	4.27	50	2.61
6	35-44	213	13.62	30	8.55	243	12.69
7	45-54	435	27.81	46	13.11	481	25.12
8	55-64	472	30.18	78	22.22	550	28.72
9	65-69	207	13.24	55	15.67	262	13.68
10	70+	188	12.02	116	33.05	304	15.87
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	1564	100.00	351	100.00	1915	100.00

Chart 3.22: Age &amp; Sex wise distribution of death due to 'Diseases of the liver'



### 3.6 Diseases of the Genitourinary System (XIV): (N00-N99)

The major group comprising 'Diseases of the Genitourinary System' is the sixth leading cause group, responsible for 5.40% of the total Medically Certified Deaths with 5.24% of male and 5.65% of female deaths to their respective total Medically Certified Deaths. The percentage of male deaths to total death under this group is 60.34%.

The distribution of major causes of deaths under this group is given in the Table 3.36 and highlighted in Chart 3.23. The leading cause under this category is due to 'Renal failure' (46.11%). Out of 687 deaths due to 'Renal failure', 436 were males.

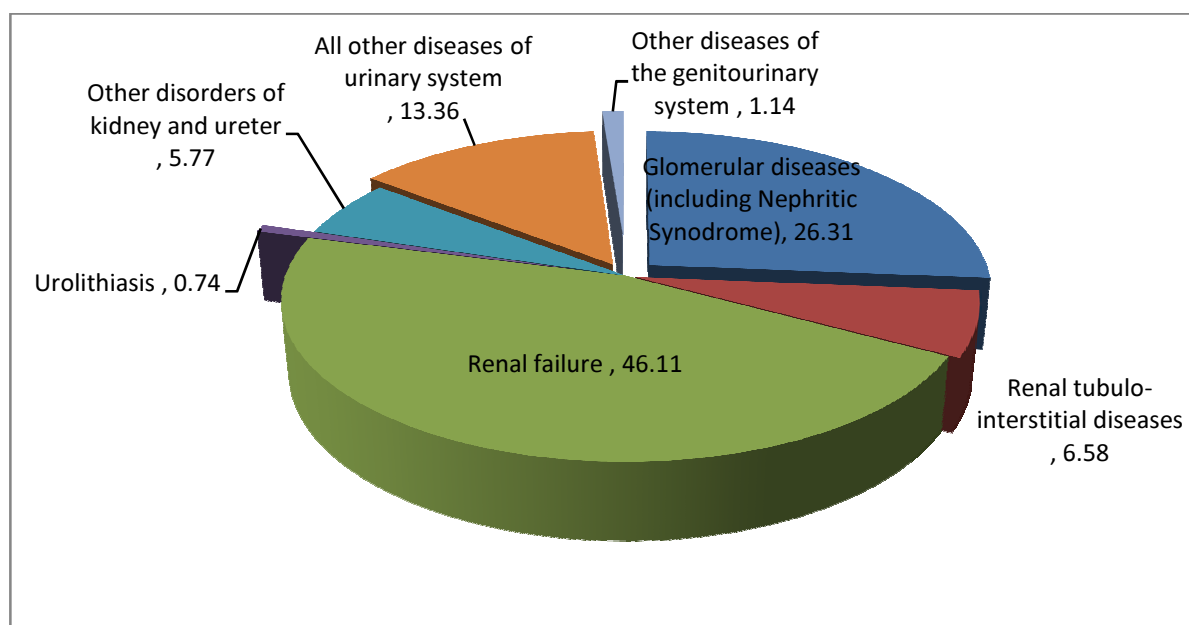
The second leading cause under this cause group 26.31% of death is due to 'Glomerular diseases (including Nephritic Syndrome)'. Glomerular disease reduces the ability of the kidneys to maintain a balance of certain substances in bloodstream. In people with glomerular disease, red blood cells and protein may be excreted into the urine, while toxins may be retained. Out of 392 deaths reported due to 'Glomerular diseases', 239 were males (60.97%).

'All other diseases of urinary system' is the next leading cause representing 13.36% of the deaths under this group.

Table 3.26: Distribution of major causes of deaths among 'Diseases of the Genitourinary System'

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Glomerular diseases (including Nephritic Synodrome)	239	26.59	153	25.89	392	26.31
2	Renal tubulo-interstitial diseases	64	7.12	34	5.75	98	6.58
3	Renal failure	436	48.50	251	42.47	687	46.11
4	Urolithiasis	6	0.67	5	0.85	11	0.74
5	Other disorders of kidney and ureter	53	5.90	33	5.58	86	5.77
6	All other diseases of urinary system	86	9.57	113	19.12	199	13.36
7	Other diseases of the genitourinary system	15	1.67	2	0.34	17	1.14
Total Medically Certified Deaths due to Diseases of the Genitourinary System		899	100	591	100	1490	100
Deaths due to Diseases of the Genitourinary System as percentage to total medically certified deaths		5.24		5.65		5.40	

Chart 3.23: Distribution of major causes of deaths among 'Diseases of the Genitourinary System'

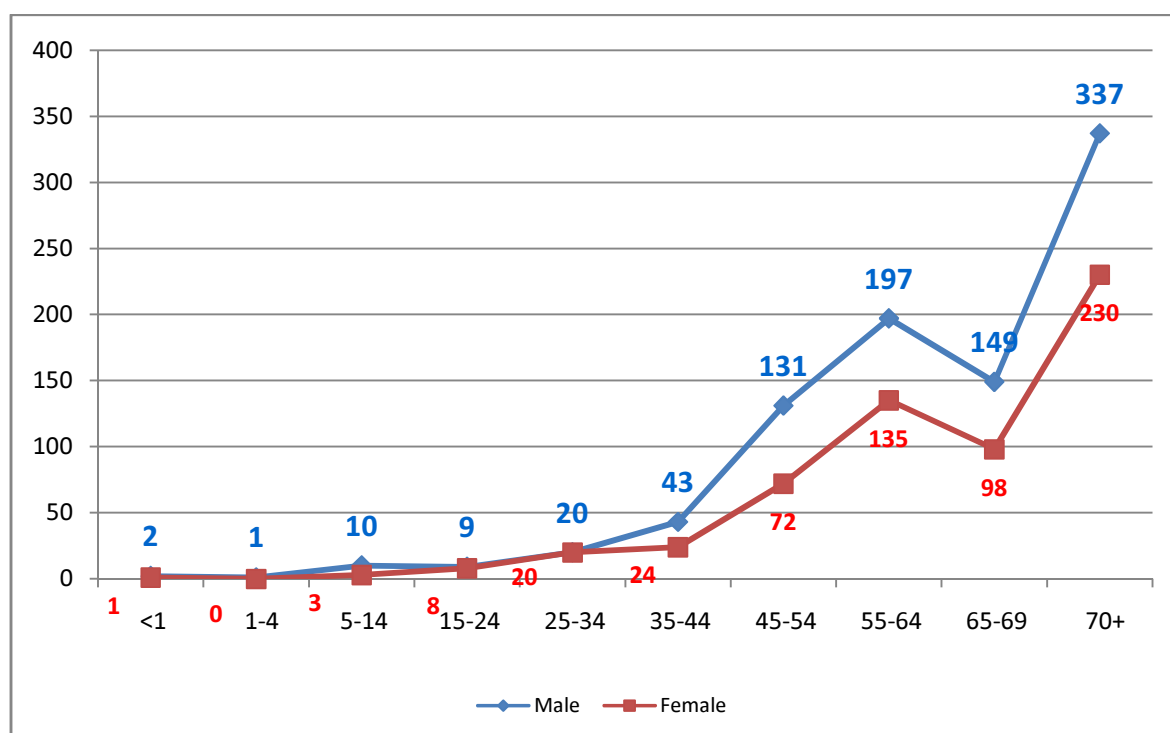


The age wise distribution of death among 'Diseases of the Genitourinary System' is shown below. Deaths due to this underline cause increases with age and is significantly high 'above 45'. Above the age 45 the deaths reported are 90.54% of the total death under the group.

Table 3.27: Age &amp; Sex wise distribution of major causes of deaths among 'Diseases of the Genitourinary System'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	2	0.22	1	0.17	3	0.20
2	1-4	1	0.11	0	0.00	1	0.07
3	5-14	10	1.11	3	0.51	13	0.87
4	15-24	9	1.00	8	1.35	17	1.14
5	25-34	20	2.22	20	3.38	40	2.68
6	35-44	43	4.78	24	4.06	67	4.50
7	45-54	131	14.57	72	12.18	203	13.62
8	55-64	197	21.91	135	22.84	332	22.28
9	65-69	149	16.57	98	16.58	247	16.58
10	70+	337	37.49	230	38.92	567	38.05
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	899	100.00	591	100.00	1490	100.00

Chart 3.24: Age &amp; Sex wise distribution of major causes of deaths among 'Diseases of the Genitourinary System'



### 3.7 Injury Poisoning and Certain other Consequences of External Causes (XIX): (S00-T98)

The external causes like Road Accidents, Suicides, Falls, Burns and Corrosions, Snake Bite, and Violence are the main reason for the death under 'Injury Poisoning and Certain

other Consequences of External Causes'. It is the seventh leading cause group responsible for 5.04% of total Medically Certified Deaths.

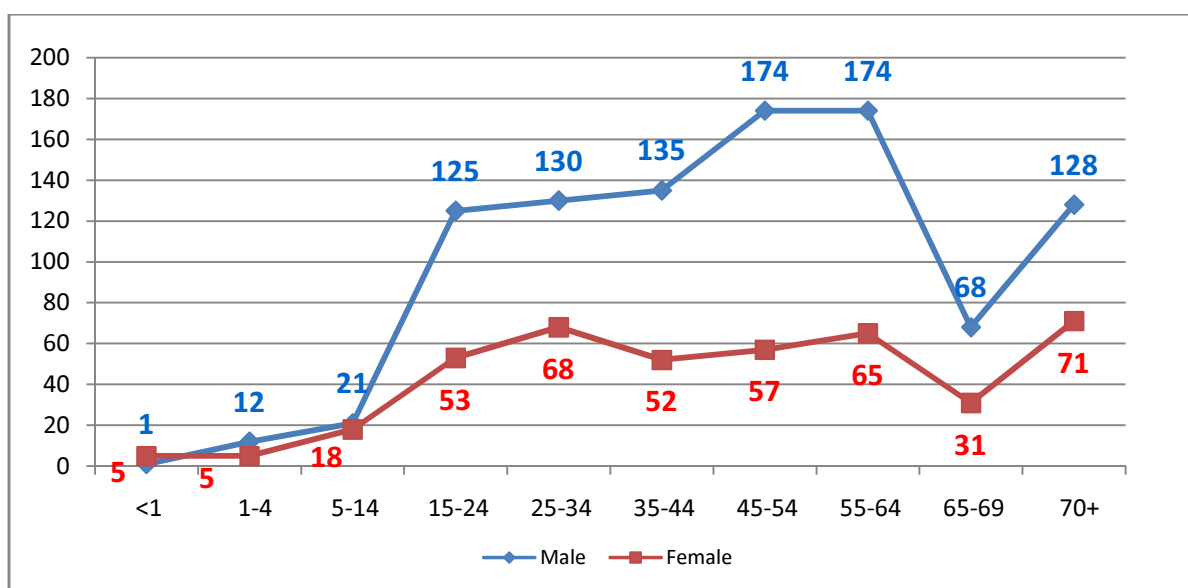
Under this cause group 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves' alone have contributed to 61.38% of the total deaths, this is followed by 'Poisonings by drugs and biological substances and toxic effects of substances chiefly non-medicinal as to source' (15.51%) with 146 male and 70 female deaths and 'Burns and Corrosions' (15.43%). Death due to Burns and corrosions among females is 71.16% as compared to 28.83% among males, under this major group. The distribution of chief constituents of the major cause group is given in the Table 3.28. Age distribution of deaths due to 'Injury, Poisoning and Certain Other Consequences of External Causes' and is depicted in Chart 3.25.

Table 3.28: Distribution of major causes of deaths among 'Injury, Poisoning and Certain Other Consequences of External Causes'

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Fractures, Other injuries of specified,unspecified and multiple body regions , Intracranial and internal injuries, including nerves	687	70.97	168	39.53	855	61.38
2	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source	146	15.08	70	16.47	216	15.51
4	Burns and Corrosions	62	6.40	153	36.00	215	15.43
6	Late effects of injuries, of poisoning and of other consequences of external causes	9	0.93	1	0.24	10	0.72
7	Other and unspecified effects of external causes and certain early complications of trauma	30	3.10	16	3.76	46	3.30
8	Complications of Surgical and Medical care, not elsewhere classified	32	3.31	16	3.76	48	3.45
9	Other Groups	2	0.21	1	0.24	3	0.22
	<b>Total Medically Certified Deaths due to Injury, Poisoning and Certain Other Consequences of External Causes</b>	<b>968</b>	<b>100</b>	<b>425</b>	<b>100</b>	<b>1393</b>	<b>100</b>
	<b>Deaths due to Injury, Poisoning and Certain Other Consequences of External Causes as percentage to total medically certified deaths</b>	<b>968</b>	<b>5.64</b>	<b>425</b>	<b>4.06</b>	<b>1393</b>	<b>5.04</b>



Chart 3.25: Age &amp; Sex wise distribution of deaths due to 'Injury, Poisoning and Certain Other Consequences of External Causes'



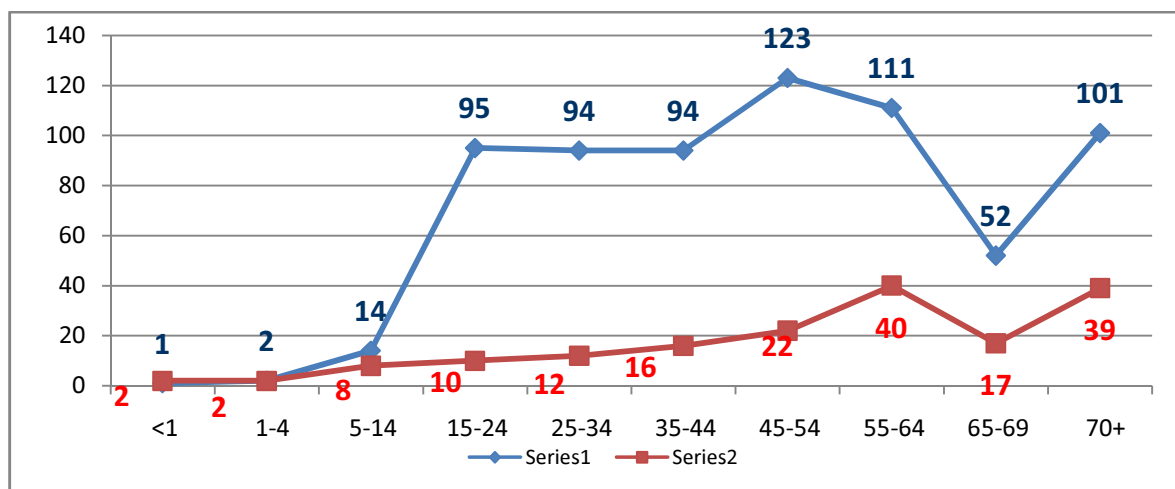
### 3.7.1 Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves

The external causes like Road Accidents, Suicides and Falls, are the main reason for the death under the cause 'Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'. 80.35% of the deaths under the external cause are males. That is four out of five deaths are males. The age wise distribution of deaths under this cause are given in Table 3.29 and depicted in Chart 3.26.

Table 3.29: Age &amp; Sex wise distribution of deaths due to 'Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	1	0.15	2	1.19	3	0.35
2	1-4	2	0.29	2	1.19	4	0.47
3	5-14	14	2.04	8	4.76	22	2.57
4	15-24	95	13.83	10	5.95	105	12.28
5	25-34	94	13.68	12	7.14	106	12.40
6	35-44	94	13.68	16	9.52	110	12.87
7	45-54	123	17.90	22	13.10	145	16.96
8	55-64	111	16.16	40	23.81	151	17.66
9	65-69	52	7.57	17	10.12	69	8.07
10	70+	101	14.70	39	23.21	140	16.37
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	687	100	168	100	855	100

Chart 3.26: Age & Sex wise distribution of deaths due to 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'



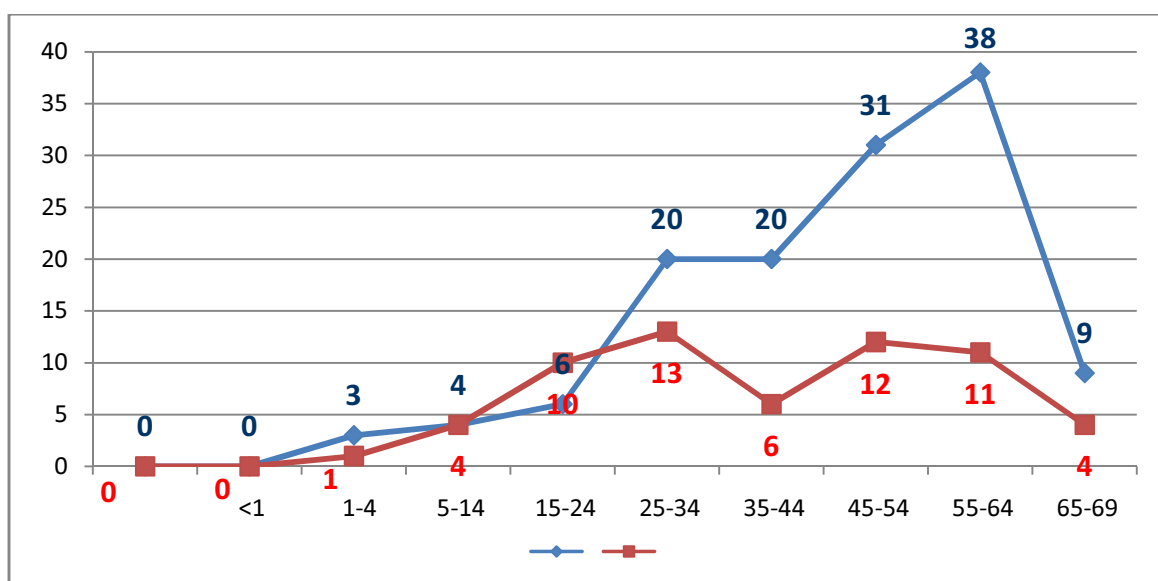
### 3.7.2 Poisonings by drugs & biological substances; and Toxic effects of substances chiefly non-medicinal as to source

The external causes like Suicides and Accidents are the main reason for the death under this category. Suicides due to poisons, insecticides, acids, medicines and biological substances come under this category. 67.59% of deaths under this cause are from males. For males, number of incidents are more among the age group '25-64' which is 69.92% of the total male death under this cause. Maximum deaths are in the age group '55-64'. Under the age group '25-64', the percentage of male death is 72.19.

Table 3.30: Age & Sex wise distribution of deaths due to 'Poisonings by drugs & biological substances; and Toxic effects of substances chiefly non medicinal as to source'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	3	2.05	1	1.43	4	1.85
3	5-14	4	2.74	4	5.71	8	3.70
4	15-24	6	4.11	10	14.29	16	7.41
5	25-34	20	13.70	13	18.57	33	15.28
6	35-44	20	13.70	6	8.57	26	12.04
7	45-54	31	21.23	12	17.14	43	19.91
8	55-64	38	26.03	11	15.71	49	22.69
9	65-69	9	6.16	4	5.71	13	6.02
10	70+	15	10.27	9	12.86	24	11.11
	TOTAL	146	100	70	100	216	100

Chart 3.27: Age &amp; Sex wise distribution of deaths due to 'Poisonings by drugs &amp; biological substances; and Toxic effects of substances chiefly nonmedical as to source'



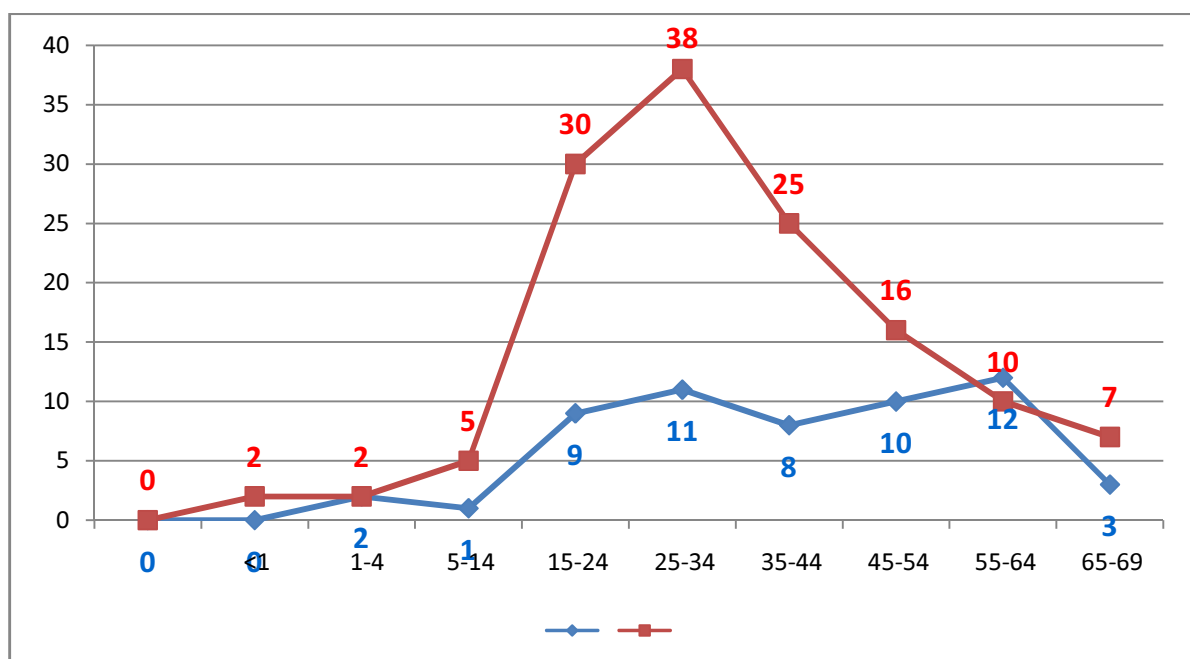
### 3.7.3 Burns and Corrosions

The external causes like Suicides and Accidents are the main reason for the death under 'Burns and Corrosions'. Under the cause, 71.16% were female deaths. 71.25% of the female deaths due to this cause are in the age group '15-54'. Maximum female deaths were reported in the age group '25-34', (22.79%).

Table 3.31: Age &amp; Sex wise distribution of deaths due to 'Burns and Corrosions'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	2	1.31	2	0.93
2	1-4	2	3.23	2	1.31	4	1.86
3	5-14	1	1.61	5	3.27	6	2.79
4	15-24	9	14.52	30	19.61	39	18.14
5	25-34	11	17.74	38	24.84	49	22.79
6	35-44	8	12.90	25	16.34	33	15.35
7	45-54	10	16.13	16	10.46	26	12.09
8	55-64	12	19.35	10	6.54	22	10.23
9	65-69	3	4.84	7	4.58	10	4.65
10	70+	6	9.68	18	11.76	24	11.16
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		62	100	153	100	215	100

Chart 3.28: Age &amp; Sex wise distribution of deaths due to 'Burns and Corrosions'



### 3.8 Certain Infectious and Parasitic Diseases (I): (A00-B99)

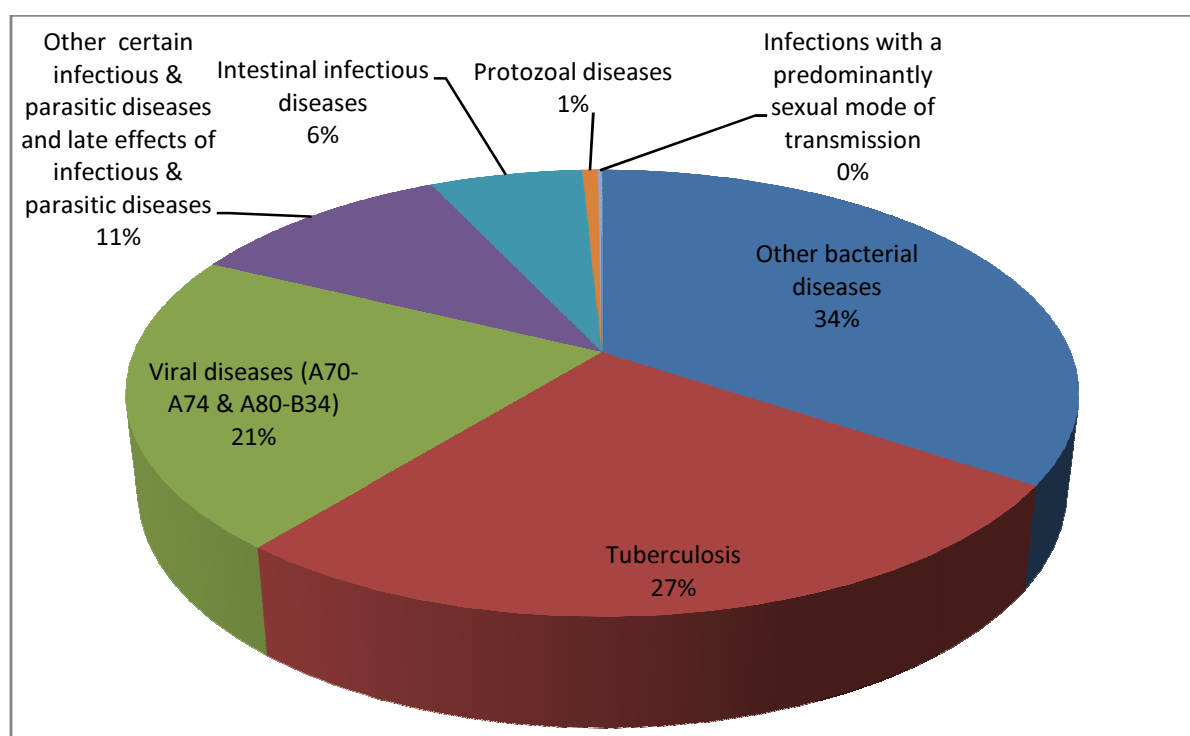
It is the eighth leading cause group of disease accounting for 4.03% of total Medically Certified Deaths, which constitute 4.25% of male and 3.68% of female medically certified deaths of their respective totals. Tuberculosis, Diarrhoea, Septicaemia, Human Immunodeficiency Virus [HIV] disease and Hepatitis are the major causes under this group. Around 27.29% of death under this group is due to Septicaemia and 26.48% is due to Tuberculosis. Out of 238 deaths occurred under the group 'Viral Diseases', 42 are due to 'Human immunodeficiency virus [HIV] disease'. The distribution of major components under this cause group is shown in the Table 3.32 and is depicted in Chart 3.29.

Table 3.32: Distribution of major causes of deaths among 'Certain Infectious and Parasitic Diseases' under MCCD –2016

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Other bacterial diseases (A20-A49)	242	33.20	141	36.62	383	34.38
2	Tuberculosis (A15-A19)	216	29.63	79	20.52	295	26.48
3	Viral diseases (A70-A74 & A80-B34)	153	20.99	85	22.08	238	21.36

<b>4</b>	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases ( A65-A69 & A75-A79,B35-B49,B65-B99)	85	11.66	35	9.09	120	10.77
<b>5</b>	Intestinal infectious diseases (A00-A09)	28	3.84	41	10.65	69	6.19
<b>6</b>	Protozoal diseases ( B50-B64)	4	0.55	3	0.78	7	0.63
<b>7</b>	Infections with a predominantly sexual mode of transmission (A50-A64)	1	0.14	1	0.26	2	0.18
<b>Total Medically Certified Deaths due to Certain Infectious and Parasitic Diseases</b>		<b>729</b>	<b>100</b>	<b>385</b>	<b>100</b>	<b>1114</b>	<b>100</b>
<b>Deaths due to Certain Infectious and Parasitic Diseases as percentage to total medically certified deaths</b>		<b>729</b>	<b>4.25</b>	<b>385</b>	<b>3.68</b>	<b>1114</b>	<b>4.03</b>

Chart 3.29: Percentage distribution of medically certified deaths due to ‘Certain Infectious & Parasitic Diseases’ MCCD – 2016

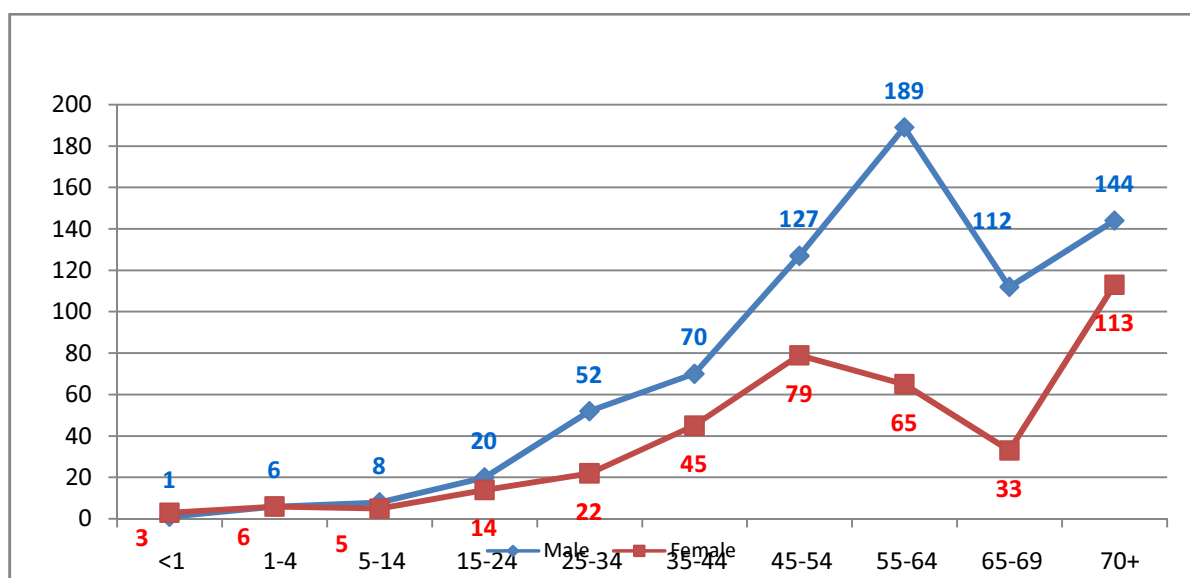


The age and sex wise distribution of medically certified deaths due to ‘Certain Infectious and Parasitic Diseases’ has been given below in Table 3.33 and is presented in Chart 3.30.

Table 3.33: Age & Sex wise distribution of deaths due to ‘Certain Infectious and Parasitic Diseases’

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	1	0.14	3	0.78	4	0.36
2	1-4	6	0.82	6	1.56	12	1.08
3	5-14	8	1.10	5	1.30	13	1.17
4	15-24	20	2.74	14	3.64	34	3.05
5	25-34	52	7.13	22	5.71	74	6.64
6	35-44	70	9.60	45	11.69	115	10.32
7	45-54	127	17.42	79	20.52	206	18.49
8	55-64	189	25.93	65	16.88	254	22.80
9	65-69	112	15.36	33	8.57	145	13.02
10	70+	144	19.75	113	29.35	257	23.07
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	729	100	385	100	1114	100

Chart 3.30: Age & Sex wise distribution of deaths due to ‘Certain Infectious & Parasitic Diseases’



### 3.8.1 Septicaemia.

Among ‘Certain Infectious and Parasitic Diseases’, the group ‘Other bacterial diseases’ is the highest reported medically certified cause of mortality, constituting around 34.38% in which, 79.37% is due to ‘Septicaemia’. 1.10% of total Medically Certified Death is

due to 'Septicaemia'. Out of 304 deaths reported under 'Septicaemia', 181 were male (59.54%). Maximum deaths were reported in the age group '55-64'. This is given below in Table 3.34.

Table 3.34: Age & Sex wise distribution of death due to 'Septicaemia'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	1	0.55	0	0.00	1	0.33
2	1-4	3	1.66	2	1.63	5	1.64
3	5-14	1	0.55	1	0.81	2	0.66
4	15-24	4	2.21	1	0.81	5	1.64
5	25-34	5	2.76	5	4.07	10	3.29
6	35-44	12	6.63	11	8.94	23	7.57
7	45-54	24	13.26	17	13.82	41	13.49
8	55-64	44	24.31	25	20.33	69	22.70
9	65-69	38	20.99	9	7.32	47	15.46
10	70+	49	27.07	52	42.28	101	33.22
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		181	100	123	100	304	100

### 3.8.2 Tuberculosis

Among 'Certain Infectious and Parasitic Diseases', the group 'Tuberculosis' is the second highest reported medically certified cause of mortality, constituting around 26.48% in which, 89.49% is due to 'Respiratory Tuberculosis'. 'Respiratory Tuberculosis' deaths in males are 73.86% as against 26.14% of females.

### 3.8.3 Human Immunodeficiency Virus [HIV]

21.36% of death under the group 'Certain Infectious and Parasitic Diseases' is due to 'Viral diseases', in which Human Immunodeficiency Virus [HIV] disease causes 17.65% of deaths. Out of 42 deaths under HIV, 27 were males (64.29%). More deaths were

reported in the age group '35-64', which is 83.33% of death due to HIV. 66.67% of death is reported in the age group 35-54. Age wise distribution of death due to 'Human Immunodeficiency Virus [HIV]' has been given below in Table 3.35.

Table 3.35: Age & Sex wise distribution of death due to 'Human Immunodeficiency Virus [HIV]

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	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	0	0.00	1	6.67	1	2.38
5	25-34	4	14.81	2	13.33	6	14.29
6	35-44	10	37.04	4	26.67	14	33.33
7	45-54	7	25.93	7	46.67	14	33.33
8	55-64	6	22.22	1	6.67	7	16.67
9	65-69	0	0.00	0	0.00	0	0.00
10	70+	0	0.00	0	0.00	0	0.00
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		27	100	15	100	42	100

### 3.8.4 Hepatitis B

In the group 'Viral diseases', 'Acute Hepatitis B' (19.33%), 'Other viral hepatitis' (19.33%) and 'Other viral encephalitis' (5.46%) are the major causes. Out of the Viral Hepatitis deaths, maximum death is due to Hepatitis B. The age wise distribution of deaths due to Hepatitis B is given below 73.90% of deaths were males. 56.52% of deaths reported in the age group '45-64' and maximum number of deaths was in the age group '45-54' (32.61%). This is shown in Table 3.36.



Table 3.36: Age &amp; Sex wise distribution of death due to 'Hepatitis B'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	1	2.94	0	0.00	1	2.17
3	5-14	0	0.00	0	0.00	0	0.00
4	15-24	1	2.94	1	8.33	2	4.35
5	25-34	1	2.94	1	8.33	2	4.35
6	35-44	6	17.65	1	8.33	7	15.22
7	45-54	11	32.35	4	33.33	15	32.61
8	55-64	8	23.53	3	25.00	11	23.91
9	65-69	4	11.76	0	0.00	4	8.70
10	70+	2	5.88	2	16.67	4	8.70
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		34	100	12	100	46	100

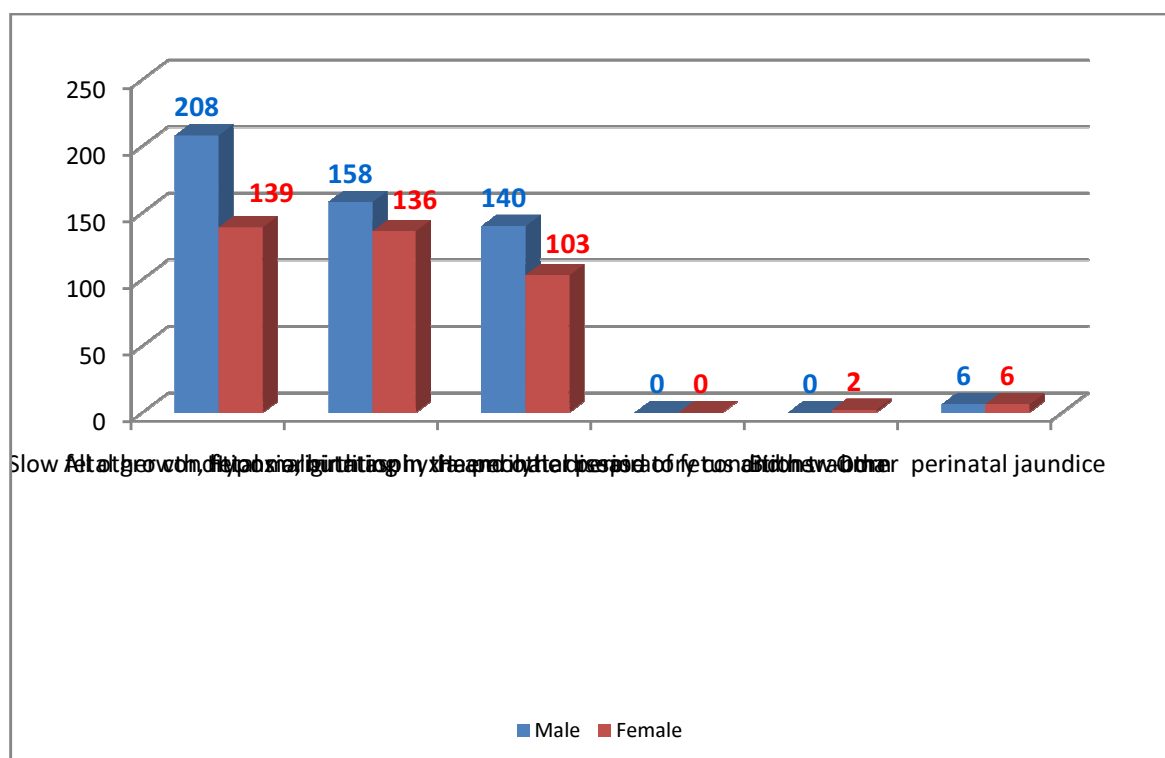
### 3.9 Certain Conditions Originating in the Perinatal Period (xvi): (P00-P96)

The major group of 'Certain Conditions Originating in the Perinatal Period' is the leading cause of Infant deaths, responsible for 3.25% of the total Medically Certified Deaths. This has contributed to 2.98% of male and 3.69% of female deaths of the total Medically Certified Deaths. 'Slow Foetal Growth, Foetal Malnutrition' (38.64%), 'All other conditions originating in the Perinatal period' (32.74%) and 'Hypoxia, birth asphyxia and other respiratory conditions' (27.06%) are the main cause of death occurred in the Perinatal period (below one year). 57.02% of deaths due to this cause were males.

Table 3.37: Distribution of Major Causes of deaths among 'Certain Conditions Originating in the Perinatal Period'

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Slow fetal growth, fetal malnutrition	208	40.63	139	36.01	347	38.64
2	All other conditions originating in the perinatal period	158	30.86	136	35.23	294	32.74
3	Hypoxia, birth asphyxia and other respiratory conditions	140	27.34	103	26.68	243	27.06
4	Haemolytic disease of fetus and new-born	0	0.00	0	0.00	0	0.00
5	Birth trauma	0	0.00	2	0.52	2	0.22
6	Other perinatal jaundice	6	1.17	6	1.55	12	1.34
<b>Total Medically Certified Deaths due to Certain Conditions Originating in the Perinatal Period</b>		<b>512</b>	<b>100</b>	<b>386</b>	<b>100</b>	<b>898</b>	<b>100</b>
<b>Deaths due to Certain Conditions Originating in the Perinatal Period as percentage to total medically certified deaths</b>		<b>2.98</b>		<b>3.69</b>		<b>3.25</b>	

Chart 3.31: Distribution of major causes of deaths among 'Certain Conditions Originating in the Perinatal Period'



### 3.10 Distribution of Causes of Deaths under 'Other Groups'

The distribution of cause of death included as 'Other Groups' are given below. Out of the total medically certified death, 2047 deaths (7.41%) are coming in this group in which 1148 were males and 899 were females.

Table 3.38: Distribution of causes of deaths under 'Other Groups'

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified ( R00-R99)	394	2.30	187	1.79	581	2.10
2	Congenital malformations, deformations and chromosomal abnormalities ( Q00-Q99)	207	1.21	169	1.62	376	1.36
3	Diseases of the nervous system ( G00-G98)	259	1.5	198	1.89	457	1.65
4	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism ( D50-D89)	152	0.89	178	1.70	330	1.19
5	Diseases of the musculoskeletal system and connective tissue ( M00-M99)	44	0.26	97	0.93	141	0.51
6	Diseases of the skin and subcutaneous tissue (L00-L98)	70	0.41	47	0.45	117	0.42
7	Mental and behavioural disorders ( F01-F99)	20	0.12	4	0.04	24	0.09
8	Pregnancy, childbirth and the puerperium( O00-O99)			19	0.18	19	0.07
9	Diseases of the ear and mastoid process (H60-H95)	2	0.012	0	0	2	0.007
10	Diseases of the eye and adnexa (H00-H59)	0	0	0	0	0	0
<b>Total Medically Certified Deaths due to other groups</b>		<b>1148</b>	<b>6.69</b>	<b>899</b>	<b>8.60</b>	<b>2047</b>	<b>7.41</b>



# Chapter 4



## SPECIFIC CAUSE OF MORTALITY IN DIFFERENT AGE GROUPS

- 4.1**    **Infants**
- 4.2**    **Children aged 1-4 year**
- 4.3**    **Children aged 5-14 years**
- 4.4**    **Persons aged 15-24 years**
- 4.5**    **Persons aged 25-34 years**
- 4.6**    **Persons aged 35-44 years**
- 4.7**    **Persons aged 45-54 years**
- 4.8**    **Persons aged 55-64 years**
- 4.9**    **Persons aged 65-69 years**
- 4.10**   **Old aged Persons (70 years and above)**





## Chapter IV

# SPECIFIC CAUSE OF MORTALITY IN DIFFERENT AGE GROUPS

### 4.1. Infants

Out of the total Medically Certified Deaths, around 4.68% are Infants (children who could not complete their first birthday). The proportion of male and female deaths to the corresponding totals of medically certified deaths are 4.22% and 5.43% respectively. Out of 1293 infant deaths, 725 were male which comes around 56.07% of total death under this category.

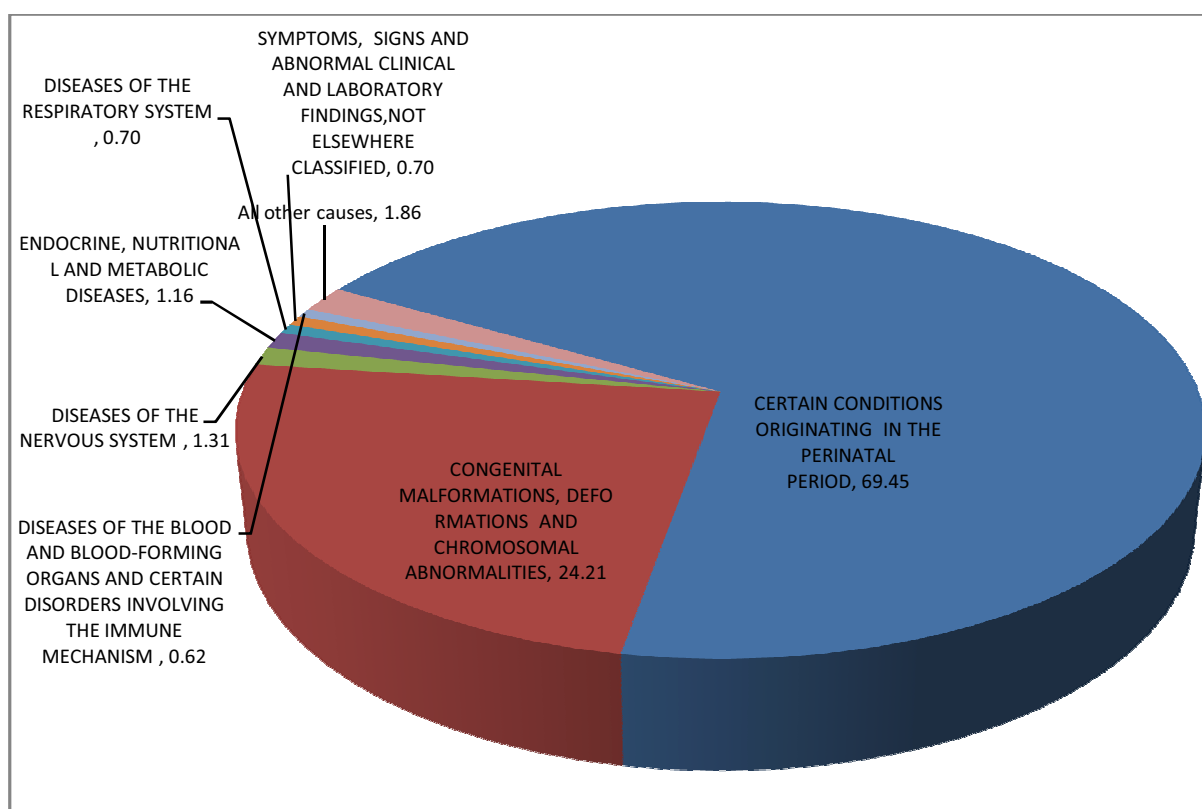
The maximum incidence of death under this age group has been reported to be caused by 'Certain conditions originating in the perinatal period' (69.45%), which includes diseases 'Slow foetal growth, foetal malnutrition and immaturity' (38.64%), 'All other conditions originating in the perinatal period (ICD code P00-P04,P08,P29-P54,P56-P57,P60-P96.)' (32.74%) and 'Hypoxia, birth asphyxia and other respiratory conditions' (27.06%).

This is followed by 'Congenital Malformations, Deformations & Chromosomal Abnormalities' (24.21%) of which 'Congenital Malformations of the Circulatory System' (53.99%) is the major constituent. The distribution of mortality among infants by major cause groups has been given in Table 4.1 and in Chart 4.1

Table 4.1: Distribution of mortality among Infants by major cause group

M.G/ CAT./ S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>XVI.</b>	Certain conditions originating in the perinatal period	512	70.62	386	67.96	898	69.45
<b>XVII.</b>	Congenital malformations, deformations and chromosomal abnormalities	171	23.59	142	25.00	313	24.21
<b>VI.</b>	Diseases of the nervous system	13	1.79	4	0.70	17	1.31
<b>IV.</b>	Endocrine, nutritional and metabolic diseases	7	0.97	8	1.41	15	1.16
<b>X.</b>	Diseases of the respiratory system	5	0.69	4	0.70	9	0.70
<b>XVIII.</b>	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	5	0.69	4	0.70	9	0.70
<b>III.</b>	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism ( D50-D89)	5	0.69	3	0.53	8	0.62
	All other causes	7	0.97	17	2.99	24	1.86
	ALL CAUSES ( MAJOR GROUP I to XIX)	725	100	568	100	1293	100
	Deaths in the age group <1 year as percentage to total Medically certified Deaths		4.22		5.43		4.68

Chart 4.1: Percentage distribution of mortality among infants by major cause group





## 4.2. Children aged 1-4 year:

Of the total Medically Certified Deaths, 0.54% has been reported from this age-group. It accounts for 0.46% of males and 0.67% of female deaths in their respective total medically certified deaths. Out of 149 deaths in the age group '1-4', 79 were males (53.02%).

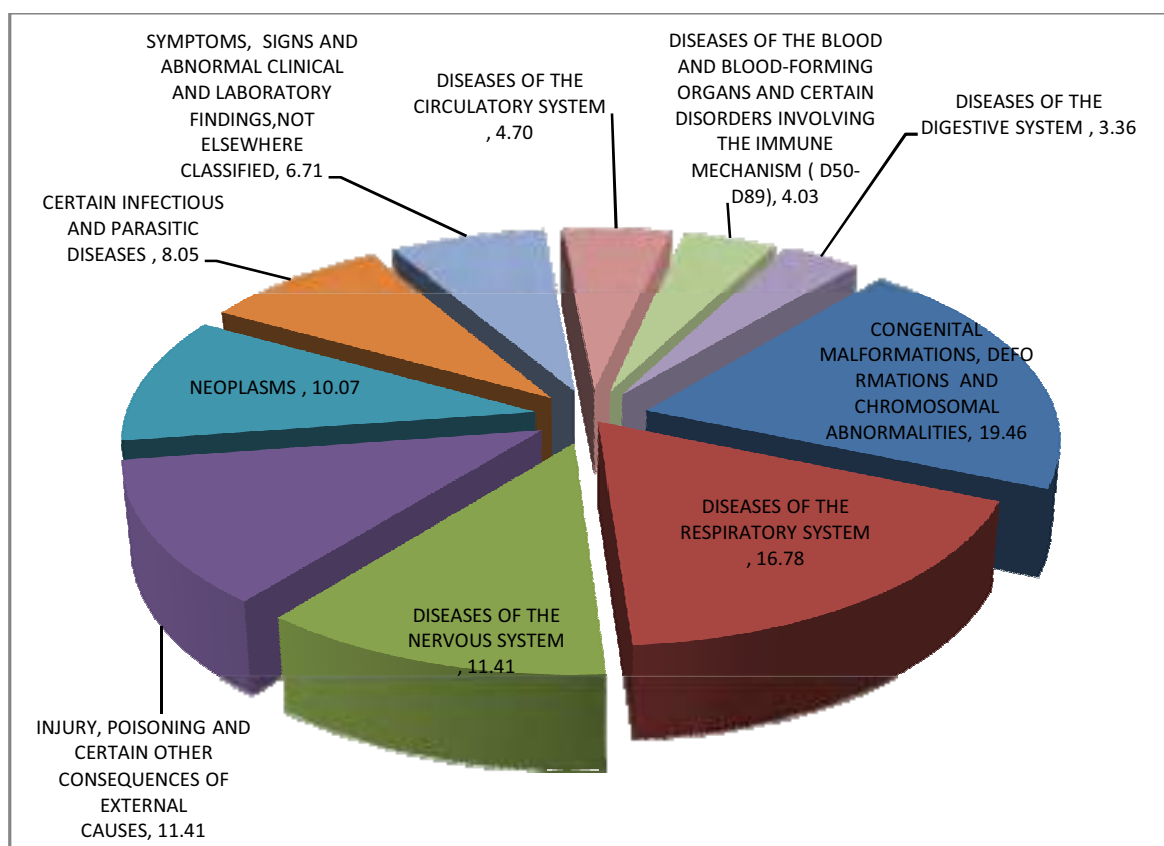
'Congenital malformations, deformations and chromosomal abnormalities' has caused the maximum 19.46% of total deaths reported under this age-group. The second highest cause is 'Diseases of the respiratory system' representing 16.78% under this age group of which 80% is due to Pneumonia. 'Diseases of the nervous system' and 'Injury, poisoning and certain other consequences of external causes' each with 11.41% is the next higher cause of death under this age group. 'Neoplasm' is responsible for 10.07% of deaths in this age group of which 40% is due to 'Leukaemia' and 'Certain infectious and parasitic diseases' cause 8.05% are the other major causes.

The distribution of mortality in the age group '1-4' by major cause group has been given in Table 4.2 and Chart 4.2.

Table 4.2: Distribution of mortality among children in the age group '1-4' by major cause group.

M.G/ CAT /S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>XVII</b>	Congenital Malformations, Deformations and Chromosomal Abnormalities	14	17.72	15	21.43	29	19.46
<b>X.</b>	Diseases of the Respiratory System	16	20.25	9	12.86	25	16.78
<b>VI.</b>	Diseases of the Nervous System	10	12.66	7	10.00	17	11.41
<b>XIX.</b>	Injury, Poisoning and Certain Other Consequences of External Causes	12	15.19	5	7.14	17	11.41
<b>II.</b>	Neoplasms	7	8.86	8	11.43	15	10.07
<b>I.</b>	Certain Infectious and Parasitic Diseases	6	7.59	6	8.57	12	8.05
<b>XVII</b> <b>I.</b>	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	5	6.33	5	7.14	10	6.71
<b>IX.</b>	Diseases of the Circulatory System	2	2.53	5	7.14	7	4.70
<b>III.</b>	Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism ( D50-D89)	2	2.53	4	5.71	6	4.03
<b>XI.</b>	Diseases of the Digestive System	4	5.06	1	1.43	5	3.36
	All Other Causes	1	1.27	5	7.14	6	4.03
	ALL CAUSES ( MAJOR GROUP I to XIX)	78	100	70	100	149	100
	Deaths in the age group 1-4 year as percentage to total Medically certified Deaths-		0.46		0.67		0.54

Chart 4.2: Percentage distribution of mortality among children in the age group '1-4' by major cause group



### 4.3. Children aged 5-14 years:-

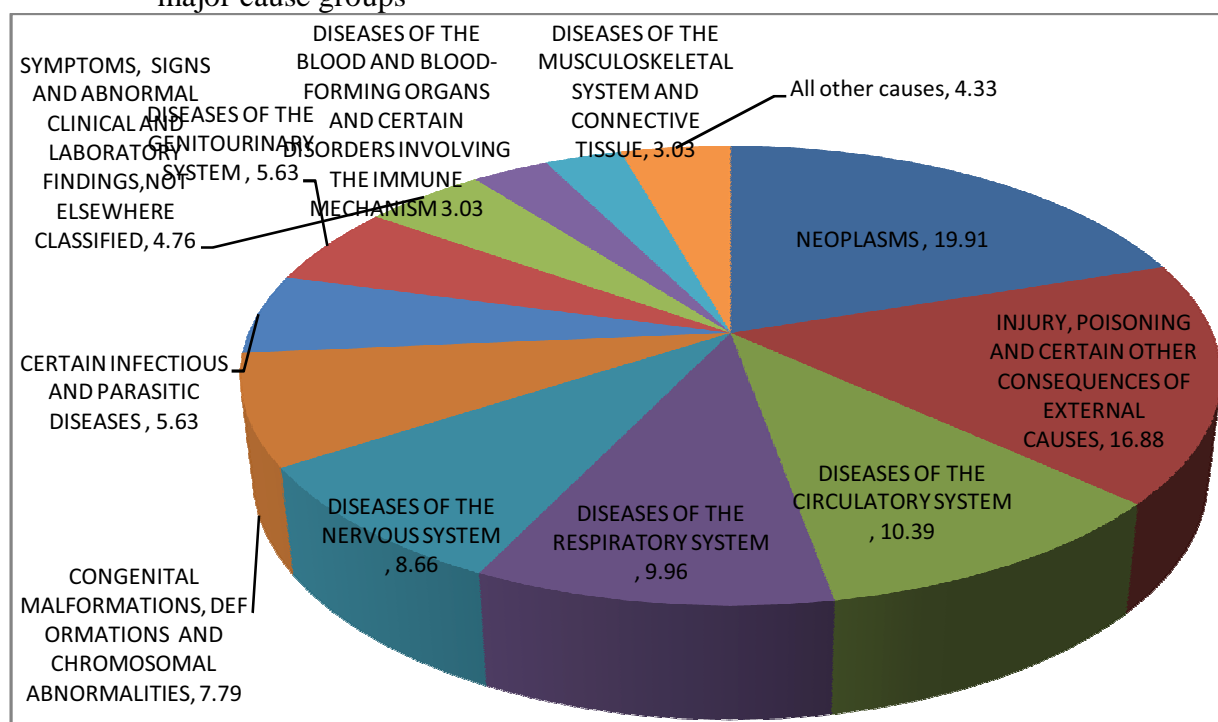
The share of this age group in the total medically certified deaths is 0.84%. It accounts for 0.78% of males and 0.93% of female deaths in their respective total medically certified deaths. Out of 231 deaths in the age group '5-14', 134 were males (58.01%).

Of the total reported deaths under this age group, 'Neoplasms' is 19.91%, is the major cause of death and 52.17% cases are due to 'Leukaemia'. Followed by 'Injury, poisoning and certain other consequences of external causes' (16.88%), 'Diseases of the circulatory system' (10.39%), 'Diseases of Respiratory System' (9.96%), 'Diseases of the nervous system' (8.66%), 'Congenital Malformations, Deformations and Chromosomal Abnormalities' (7.79%), 'Certain infectious and parasitic diseases' and 'Diseases of the Genitourinary system' each with (5.63%) are the other major causes reported in this age group. The distribution of mortality in the age group '5-14', by major cause groups is given in Table 4.3 and Chart 4.3.

Table 4.3: Distribution of mortality among children in the age group '5-14' by major cause groups

M.G/C AT./S. C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>II.</b>	Neoplasms	30	22.39	16	16.49	46	19.91
<b>XIX.</b>	Injury, Poisoning And Certain Other Consequences Of External Causes	21	15.67	18	18.56	39	16.88
<b>IX.</b>	Diseases of the Circulatory System	11	8.21	13	13.40	24	10.39
<b>X.</b>	Diseases of the Respiratory System	16	11.94	7	7.22	23	9.96
<b>VI.</b>	Diseases of the Nervous System	8	5.97	12	12.37	20	8.66
<b>XVII.</b>	Congenital Malformations, Deformations and Chromosomal Abnormalities	13	9.70	5	5.15	18	7.79
<b>I.</b>	Certain Infectious and Parasitic Diseases	8	5.97	5	5.15	13	5.63
<b>XIV.</b>	Diseases of the Genitourinary System	10	7.46	3	3.09	13	5.63
<b>XVIII.</b>	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	6	4.48	5	5.15	11	4.76
<b>III.</b>	Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism ( D50-D89)	3	2.24	4	4.12	7	3.03
<b>XIII.</b>	Diseases of the Musculoskeletal System and Connective Tissue	3	2.24	4	4.12	7	3.03
	All other causes	5	3.73	5	5.15	10	4.33
	ALL CAUSES ( MAJOR GROUP I to XX)	134	100	97	100	231	100
	Deaths in the age group 5-14 year as percentage to total Medically certified Deaths-		0.78		0.93		0.84

Chart 4.3: Percentage distribution of mortality among children in the age group '5-14' by major cause groups



#### 4.4. Persons aged 15-24 years:

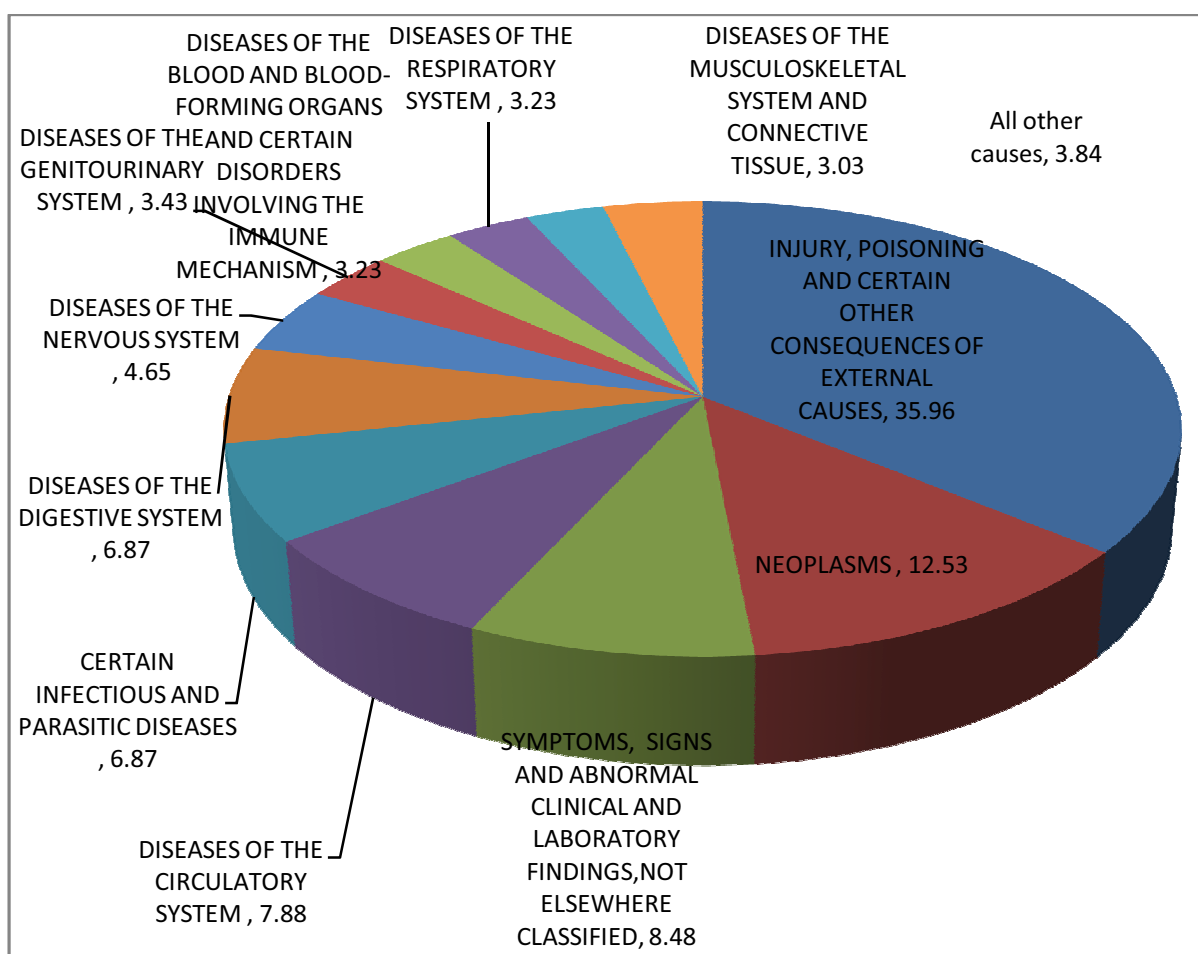
This age-group has contributed 1.79% of the total medically certified deaths. It accounts for 1.79% of males and 1.80% of female deaths in their respective total medically certified deaths. Out of 495 deaths in the age group '15-24', 307 were males (62.02%).

The category consisting of 'Injury, Poisoning & Certain Other Consequences of External Causes', has caused the maximum 35.96% of total deaths reported under this age-group. Of the total reported deaths under this age group, the share of 'Neoplasms' is 12.53%, is the second major cause of death, of which 40.32% is due to 'Leukaemia'. 'Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified' (8.48%), 'Diseases of Circulatory System' (7.88%), 'Certain Infectious and Parasitic Diseases' and 'Diseases of the digestive system' each with (6.87%) are other leading causes of deaths followed by 'Diseases of the nervous system' (4.65%), and 'Diseases of the Genitourinary System' (3.43%). The distribution of mortality in the age group '15-24', by major cause groups has been shown in Table 4.4 and Chart 4.4.

Table 4.4: Distribution of mortality among persons in the age group '15-24' by major Cause groups.

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>XIX.</b>	Injury, Poisoning and Certain Other Consequences Of External Causes	125	40.72	53	28.19	178	35.96
<b>II.</b>	Neoplasms	40	13.03	22	11.70	62	12.53
<b>XVII</b> <b>I.</b>	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	28	9.12	14	7.45	42	8.48
<b>IX.</b>	Diseases of the Circulatory System	23	7.49	16	8.51	39	7.88
<b>I.</b>	Certain Infectious and Parasitic Diseases	20	6.51	14	7.45	34	6.87
<b>XI.</b>	Diseases of the Digestive System	22	7.17	12	6.38	34	6.87
<b>VI.</b>	Diseases of the Nervous System	17	5.54	6	3.19	23	4.65
<b>XIV.</b>	Diseases of the Genitourinary System	9	2.93	8	4.26	17	3.43
<b>III.</b>	Diseases of the Blood And Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism ( D50-D89)	7	2.28	9	4.79	16	3.23
<b>X.</b>	Diseases of the Respiratory System	8	2.61	8	4.26	16	3.23
<b>XIII.</b>	Diseases of the Musculoskeletal System And Connective Tissue	3	0.98	12	6.38	15	3.03
	All other causes	5	1.63	14	7.45	19	3.84
	ALL CAUSES ( MAJOR GROUP I to XIX)	307	100	188	100	495	100
	Deaths in the age group 15-24 year as percentage to total Medically certified Deaths-		1.79		1.80		1.79

Chart 4.4: Percentage distribution of medically certified deaths in the age group '15 -24' by major cause groups



#### 4.5. Persons aged 25-34 years:

This age group has constituted around 2.77% of total medically certified deaths. It accounts for 2.72% of males and 2.85% of female deaths in their respective total medically certified deaths. Out of 765 deaths in the age group '25-34', 467 were males (61.05%).

A significant percentage of deaths have been reported due to 'Injury, Poisoning & Certain Other Consequences of External Causes' (25.88%). Number of male death is more than female under this cause (65.66%).

Of the total reported deaths under this age group, the share of 'Neoplasms' is 13.86%, of which 23.58% due to 'Leukaemia', 18.87% due to 'Malignant neoplasms of digestive organs' and 12.26% due to 'Malignant neoplasm of breast'.

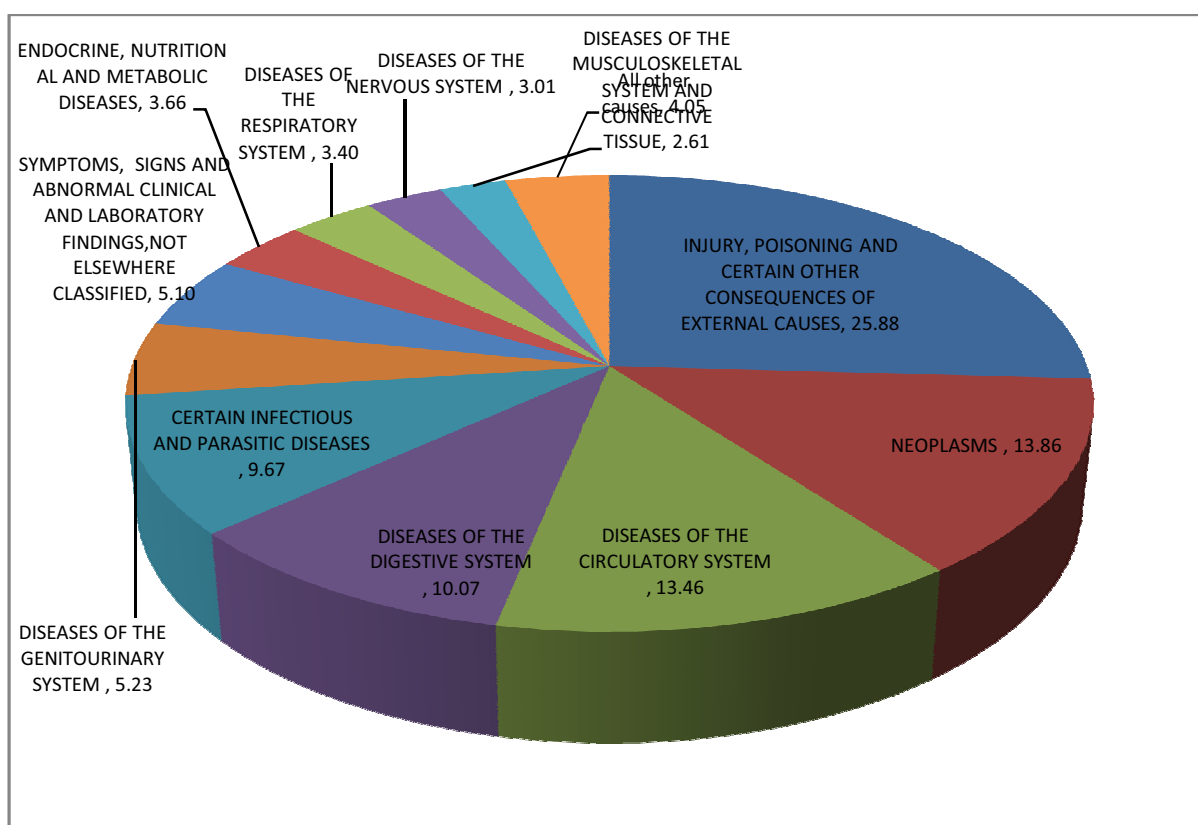
The third leading cause in the age group is 'Diseases of the Circulatory System' (13.46%). The other major determinants of deaths are 'Diseases of the digestive system'

(10.07%) and 'Certain Infectious and Parasitic Diseases' (9.67%). The distribution of mortality in the age group '25-34', by major cause groups has been depicted in Table 4.5 and Chart 4.5.

Table 4.5: Distribution of mortality among persons in the age group '25-34' by major cause groups

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>XIX.</b>	Injury, Poisoning and Certain Other Consequences Of External Causes	130	27.84	68	22.82	198	25.88
<b>II.</b>	Neoplasms	54	11.56	52	17.45	106	13.86
<b>IX.</b>	Diseases of the Circulatory System	59	12.63	44	14.77	103	13.46
<b>XI.</b>	Diseases of the Digestive System	54	11.56	23	7.72	77	10.07
<b>I.</b>	Certain Infectious and Parasitic Diseases	52	11.13	22	7.38	74	9.67
<b>XIV.</b>	Diseases of the Genitourinary System	20	4.28	20	6.71	40	5.23
<b>XVII I.</b>	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	35	7.49	4	1.34	39	5.10
<b>IV.</b>	Endocrine, Nutritional and Metabolic Diseases	18	3.85	10	3.36	28	3.66
<b>X.</b>	Diseases of the Respiratory System	16	3.43	10	3.36	26	3.40
<b>VI.</b>	Diseases of the Nervous System	9	1.93	14	4.70	23	3.01
<b>XIII.</b>	Diseases of the Musculoskeletal System and Connective Tissue	4	0.86	16	5.37	20	2.61
	All Other Causes	16	3.43	15	5.03	31	4.05
	ALL CAUSES ( MAJOR GROUP I To XX)	467	100	298	100	765	100
	Deaths in the age group 25-34 year as percentage to total Medically certified Deaths-		2.72		2.85		2.77

Chart 4.5: Percentage distribution of medically certified deaths in the age group '25-34' by major cause groups



#### 4.6. Persons aged 35-44 years:

The overall contribution of this age-group in total medically certified deaths is 5.43%. It accounts for 5.65% of males and 5.08% of female deaths in their respective total medically certified deaths. Out of 1500 deaths in the age group '35-44', 969 were males (64.60%).

A significant percentage of deaths have been reported due to 'Diseases of Digestive System' (20.13%) of which number of male death is more than female death (85.76%).

The second leading cause in the age group is 'Neoplasm' (19.93%) of which 24.08% is due to 'Malignant neoplasms of digestive organs', 19.40% is due to 'Malignant neoplasm of breast' and 12.04% is due to 'Leukaemia'.

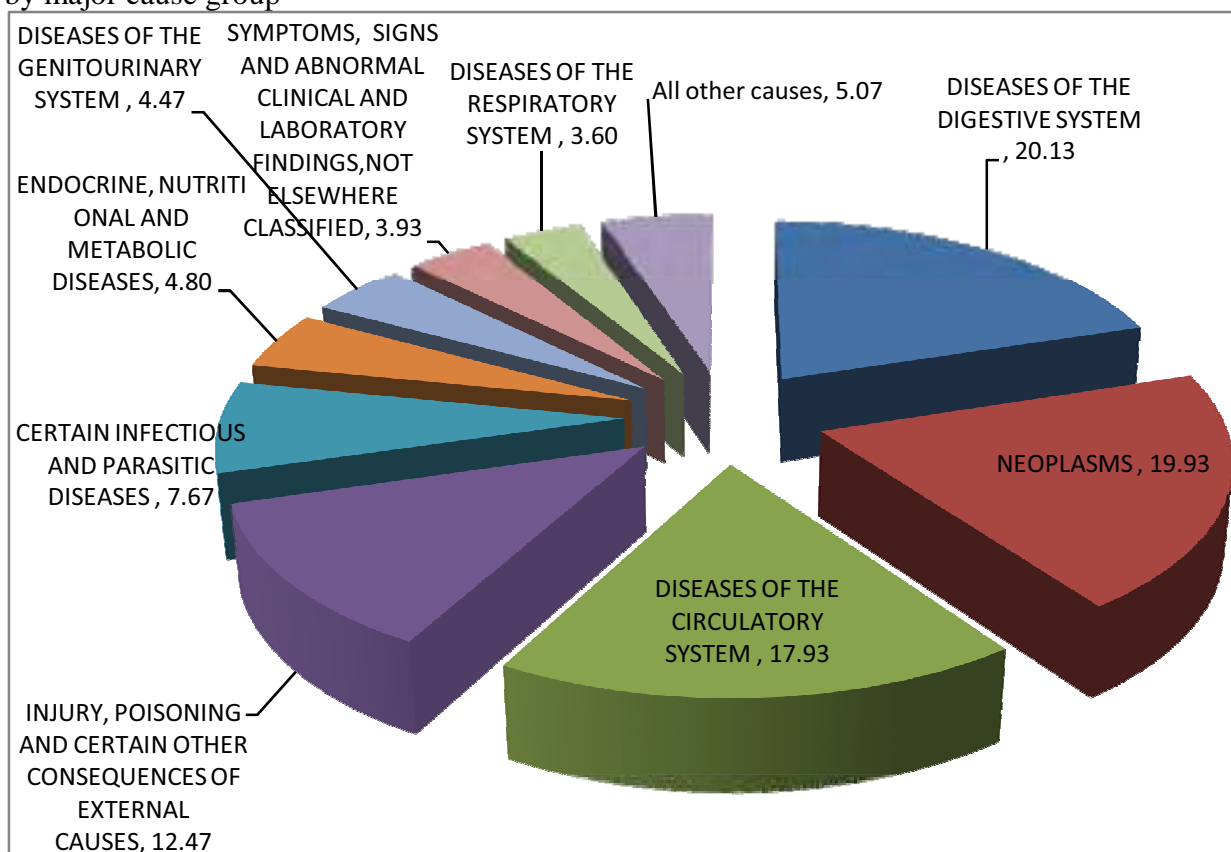
'Diseases of the Circulatory System' (17.93%) of which number of male death is more than female death (64.31%). 'Injury, Poisoning and Certain Other Consequences of External Causes' (12.47%), 'Certain Infectious and Parasitic Diseases' (7.67%), of which number of male death is more than that of female death (60.87%), and 'Endocrine, nutritional and metabolic diseases' (4.80%) of which 88.89% due to 'Diabetes mellitus' are other leading cause groups of deaths under this age-group. The distribution of mortality in the age group '35-44', by major cause groups has been presented in Table 4.6 and Chart 4.6.



Table 4.6: Distribution of mortality among persons in the age group '35-44' by major cause groups

M.G/ CAT ./S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>XI.</b>	Diseases of the Digestive System	259	26.73	43	8.10	302	20.13
<b>II.</b>	Neoplasms	134	13.83	165	31.07	299	19.93
<b>IX.</b>	Diseases of the Circulatory System	173	17.85	96	18.08	269	17.93
<b>XIX.</b>	Injury, Poisoning and Certain Other Consequences Of External Causes	135	13.93	52	9.79	187	12.47
<b>I.</b>	Certain Infectious and Parasitic Diseases	70	7.22	45	8.47	115	7.67
<b>IV.</b>	Endocrine, Nutritional and Metabolic Diseases	45	4.64	27	5.08	72	4.80
<b>XIV.</b>	Diseases of the Genitourinary System	43	4.44	24	4.52	67	4.47
<b>XVII I.</b>	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	44	4.54	15	2.82	59	3.93
<b>X.</b>	Diseases of the Respiratory System	29	2.99	25	4.71	54	3.60
	All other causes	37	3.82	39	7.34	76	5.07
	ALL CAUSES ( MAJOR GROUP I to XIX)	969	100	531	100	1500	100
	Deaths in the age group 35-44 year as percentage to total Medically certified Deaths-		5.65		5.08		5.43

Chart 4.6: Percentage distribution of medically certified deaths in the age group '35-44' by major cause group





## 4.7. Persons aged 45-54 years:

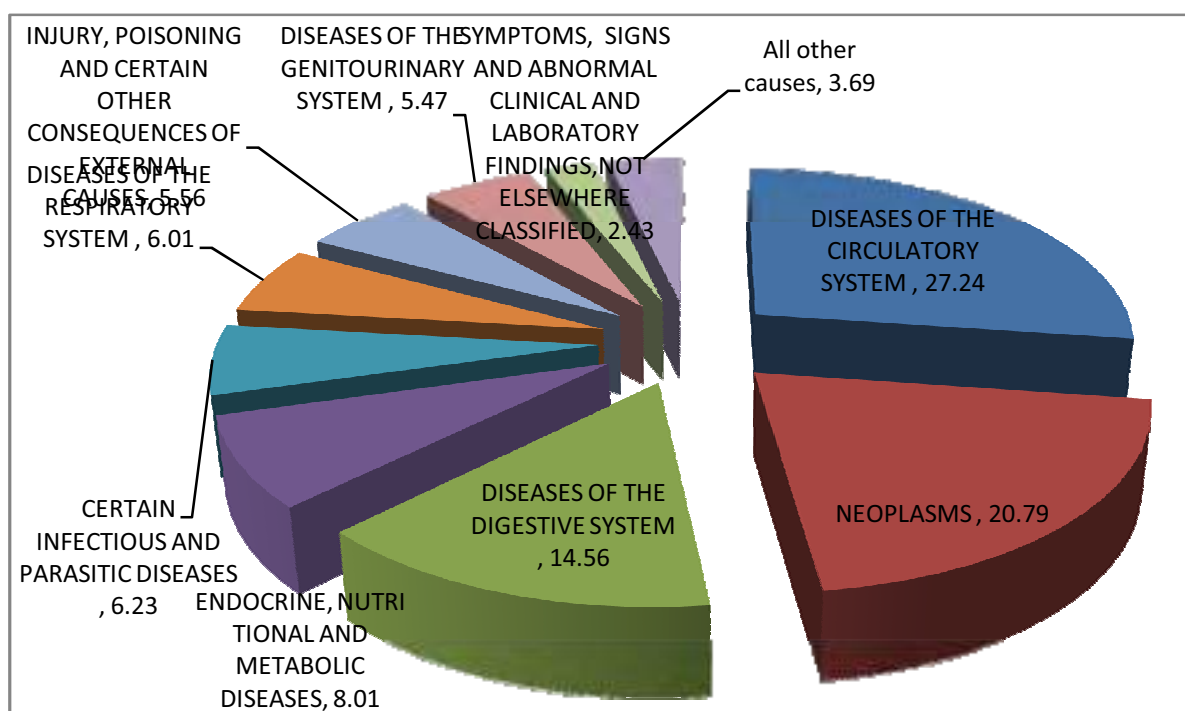
This age group has contributed to 13.43% of the total medically certified deaths. It accounts for 14.27% of males and 12.05% of female deaths in their respective total medically certified deaths. Out of 3708 deaths in the age group '45-54', 2448 were males (66.02%).

The prominent causes of mortality in this age group are 'Diseases of Circulatory System' (27.24%) of which 67.52% were males. The second leading cause in the age group is 'Neoplasm' (20.79%) of which number of male death is more than female death (49.94%). 'Diseases of the Digestive System' (14.56%) is the third leading cause of death in the age group of which 87.78% were males. 'Endocrine, nutritional and metabolic diseases' (8.01%), 'Certain, Infectious and Parasitic Diseases' (6.23%), 'Diseases of the Respiratory System' (6.01%), and 'Injury, Poisoning & Certain other consequences of External Causes' (5.56%) are other leading cause groups of deaths under this age-group. The distribution of mortality in the age group '45-54', by major cause groups has been presented in Table 4.7.

Table 4.7: Distribution of mortality among persons in the age group '45-54' by major cause groups

M.G/ CAT./ S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>IX.</b>	Diseases of the Circulatory System	682	27.86	328	26.03	1010	27.24
<b>II.</b>	Neoplasms	385	15.73	386	30.63	771	20.79
<b>XI.</b>	Diseases of the Digestive System	474	19.36	66	5.24	540	14.56
<b>IV.</b>	Endocrine, Nutritional and Metabolic Diseases	176	7.19	121	9.60	297	8.01
<b>I.</b>	Certain Infectious and Parasitic Diseases	174	7.11	57	4.52	231	6.23
<b>X.</b>	Diseases of the Respiratory System	150	6.13	73	5.79	223	6.01
<b>XIX.</b>	Injury, Poisoning and Certain Other Consequences of External Causes	127	5.19	79	6.27	206	5.56
<b>XIV.</b>	Diseases of the Genitourinary System	131	5.35	72	5.71	203	5.47
<b>XVIII</b> <b>.</b>	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	69	2.82	21	1.67	90	2.43
	All other causes	80	3.27	57	4.52	137	3.69
	ALL CAUSES ( MAJOR GROUP I to XX)	2448	100	1260	100	3708	100
	Deaths in the age group 35-44 year as percentage to total Medically certified Deaths-		14.27		12.05		13.43

Chart 4.7: Percentage distribution of medically certified deaths in the age group '45-54' by major cause group.



#### 4.8. Persons aged 55-64 years:

This age group has contributed to 22.04% of the total medically certified deaths. It accounts for 24.28% of males and 18.37% of female deaths in their respective total medically certified deaths. Out of 6087 deaths in the age group '55-64', 4166 were males (68.44%).

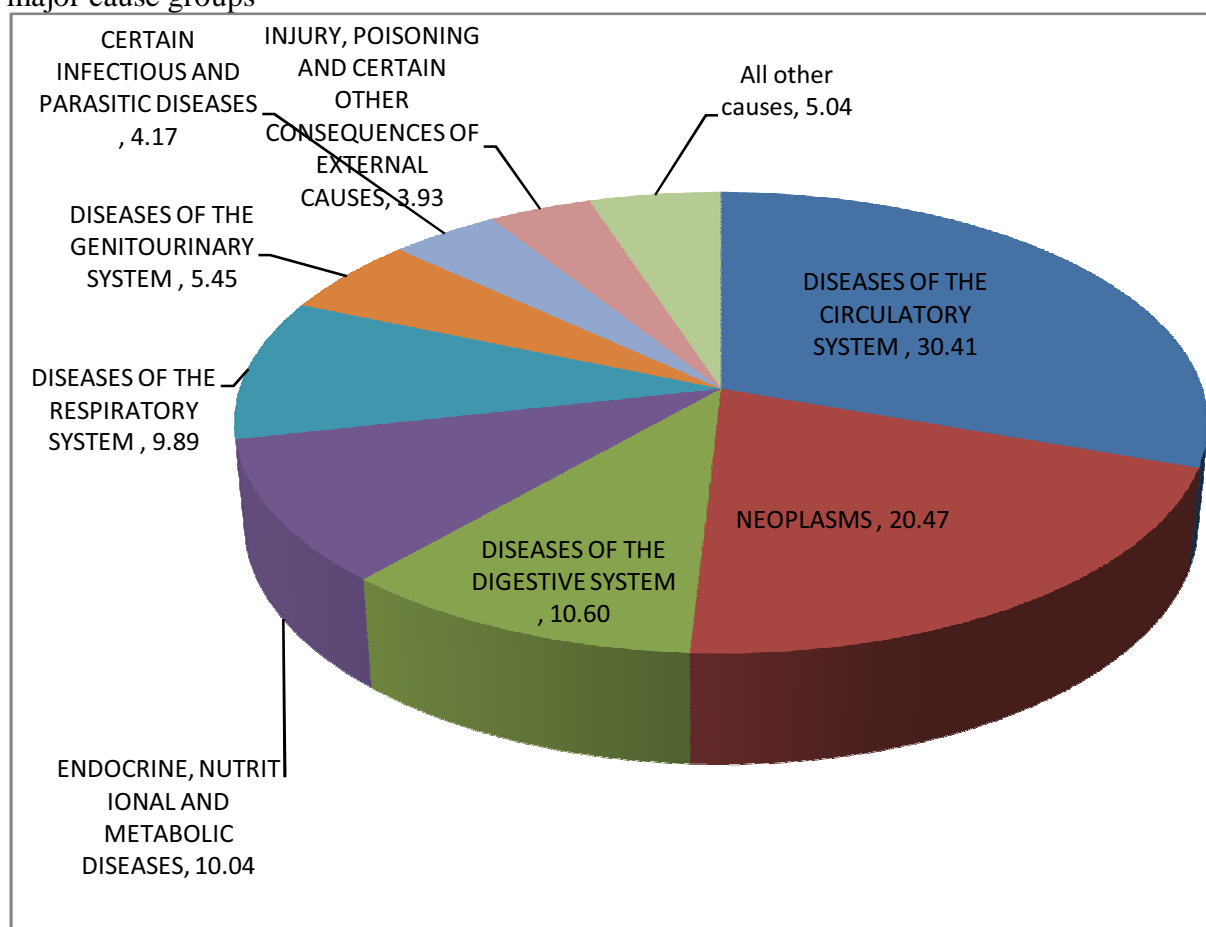
The prominent causes of mortality in this age group are 'Diseases of Circulatory System' (30.41%) of which 66.45% were males. The second leading cause in the age group is 'Neoplasm' (20.47%) of which number of male death is more than female death (68.70%). Under 'Neoplasm', the major cause is 'Malignant neoplasms of digestive organs' (31.54%) and 'Malignant neoplasms of respiratory and intrathoracic organs' (25.60%).

'Diseases of the Digestive System' (10.60%) is the third leading cause of death in the age group of which 84.03% were males. Under this cause 85.27% is due to 'Diseases of the liver'. 'Endocrine, nutritional and metabolic diseases' (10.04%) and the next higher cause in which 90.18% due to 'Diabetes mellitus', 'Diseases of the Respiratory System' (9.89%), Certain, 'Diseases of the Genitourinary system' (5.45%), Infectious and Parasitic Diseases' (4.17%), and 'Injury, Poisoning & Certain other consequences of External Causes' (3.93%) are other leading cause groups of deaths under this age-group. The distribution of mortality in the age group '55-64', by major cause groups has been presented in Table 4.8 and Chart 4.8.

Table 4.8: Distribution of mortality among persons in the age group '55-64' by major cause groups

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>IX.</b>	Diseases of the Circulatory System	1230	29.52	621	32.33	1851	30.41
<b>II.</b>	Neoplasms	856	20.55	390	20.30	1246	20.47
<b>XI.</b>	Diseases of the Digestive System	542	13.01	103	5.36	645	10.60
<b>IV.</b>	Endocrine, Nutritional and Metabolic Diseases	360	8.64	251	13.07	611	10.04
<b>X.</b>	Diseases of the Respiratory System	415	9.96	187	9.73	602	9.89
<b>XIV.</b>	Diseases of the Genitourinary System	197	4.73	135	7.03	332	5.45
<b>I.</b>	Certain Infectious and Parasitic Diseases	189	4.54	65	3.38	254	4.17
<b>XIX.</b>	Injury, Poisoning and Certain other Consequences of External Causes	174	4.18	65	3.38	239	3.93
	All other causes	203	4.87	104	5.41	307	5.04
	ALL CAUSES	4166	100	1921	100	6087	100
	Deaths in the age group 55-64 year as percentage to total Medically certified Deaths-		24.28		18.37		22.04

Chart 4.8: Percentage distribution of mortality among persons in the age group '55-64' by major cause groups



## 4.9. Persons aged 65-69 years:

This age group contribute 14.50% in the total medically certified deaths. It accounts for 15.39% of males and 13.03% of female deaths in their respective total medically certified deaths. Out of 4004 deaths in the age group '65-69', 2697 were males (65.96%).

'Diseases of the Circulatory System' have contributed to the maximum number (34.67%) of total deaths in this age-group. In the Circulatory System deaths 'Ischaemic Heart Diseases' have taken the highest toll contributing around 40.06% followed by 'Cerebrovascular diseases' (34.73%).

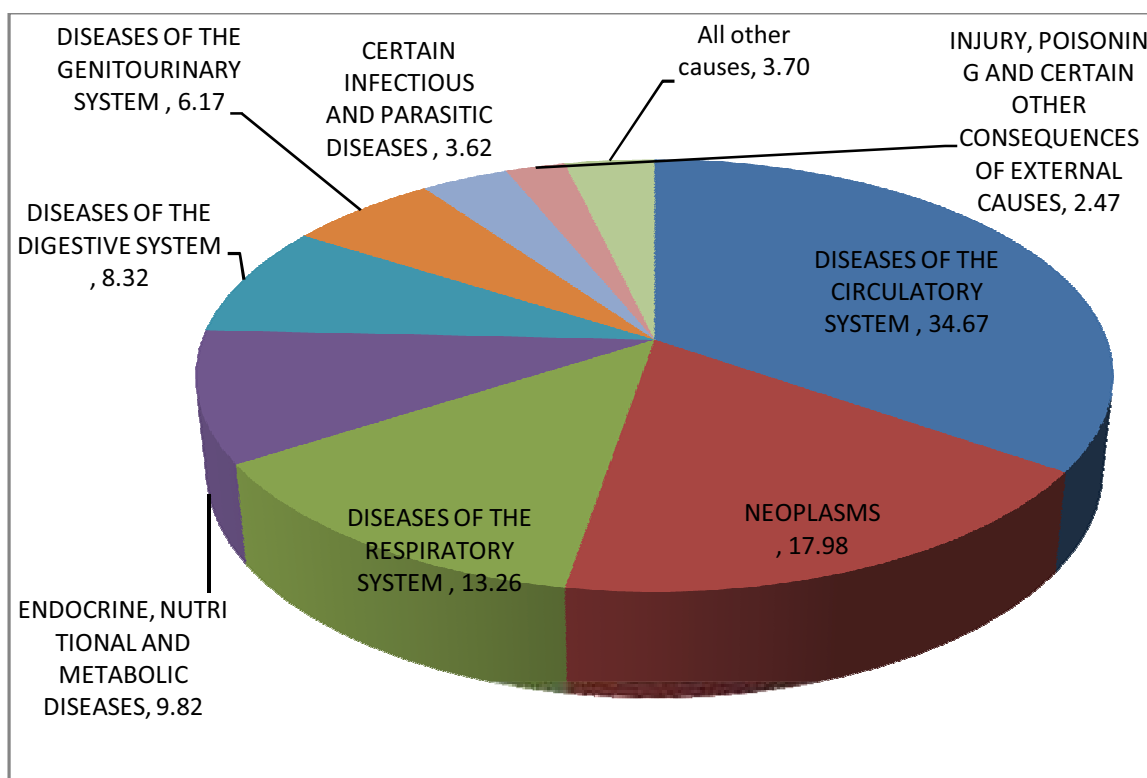
The second leading cause in the age group is 'Neoplasm' (17.98%) of which number of male death is more than female death (71.39%). Under Neoplasm, maximum death is due to 'Malignant neoplasms of digestive organs' (30.83%), followed by 'Malignant neoplasms of respiratory and intrathoracic organs' (22.64%)'.

Around 90.33% of the deaths under the cause group 'Endocrine, Nutritional and Metabolic Diseases', is due to 'Diabetes Mellitus'. The cause group 'Diseases of the respiratory system' is responsible for 13.26% of the total deaths. The distribution of mortality in the age group '65-69' by major cause group has been highlighted in the Table 4.9 and Chart 4.9.

Table 4.9: Distribution of mortality among persons in the age group '65-69' by major cause groups

M.G/ CAT /S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>IX.</b>	Diseases of the Circulatory System	849	32.15	539	39.55	1388	34.67
<b>II.</b>	Neoplasms	514	19.46	206	15.11	720	17.98
<b>X.</b>	Diseases of the Respiratory System	371	14.05	160	11.74	531	13.26
<b>IV.</b>	Endocrine, Nutritional and Metabolic Diseases	234	8.86	159	11.67	393	9.82
<b>XI.</b>	Diseases of the Digestive System	251	9.50	82	6.02	333	8.32
<b>XIV.</b>	Diseases of the Genitourinary System	149	5.64	98	7.19	247	6.17
<b>I.</b>	Certain Infectious and Parasitic Diseases	112	4.24	33	2.42	145	3.62
<b>XIX.</b>	Injury, Poisoning and Certain Other Consequences of External Causes	68	2.57	31	2.27	99	2.47
	All other causes	93	3.52	55	4.04	148	3.70
	ALL CAUSES ( MAJOR GROUP I to XIX)	2641	100	1363	100	4004	100
	Deaths in the age group 65-69 year as percentage to total Medically certified Deaths-		15.39		13.03		14.50

Chart 4.9: Percentage distribution of mortality among persons in the age group '65-69' by major cause groups



#### 4.10. Aged (70 years and above):

33.90% of total medically certified deaths are from the age group of 70 years and above. It accounts for 30.32% of males and 39.78% of female deaths in their respective total medically certified deaths. Out of 9363 deaths in 70 and above age group, 5203 were males (57.57%).

In this age group 'Diseases of the Circulatory System' alone contribute 40.26% of deaths. Ischemic Heart Diseases constitute maximum number (37.21%) of Circulatory system deaths followed by 'Cerebrovascular diseases' (33.69%).

'Diseases of Respiratory System' is the second leading cause of death with 15.08% of total deaths under this age group. 'Other Lower Respiratory Disorders', 'Pneumonia' and 'All other Diseases of the Respiratory System' constituents of Diseases of Respiratory system are 77.83%, 12.04% and 9.42% respectively.

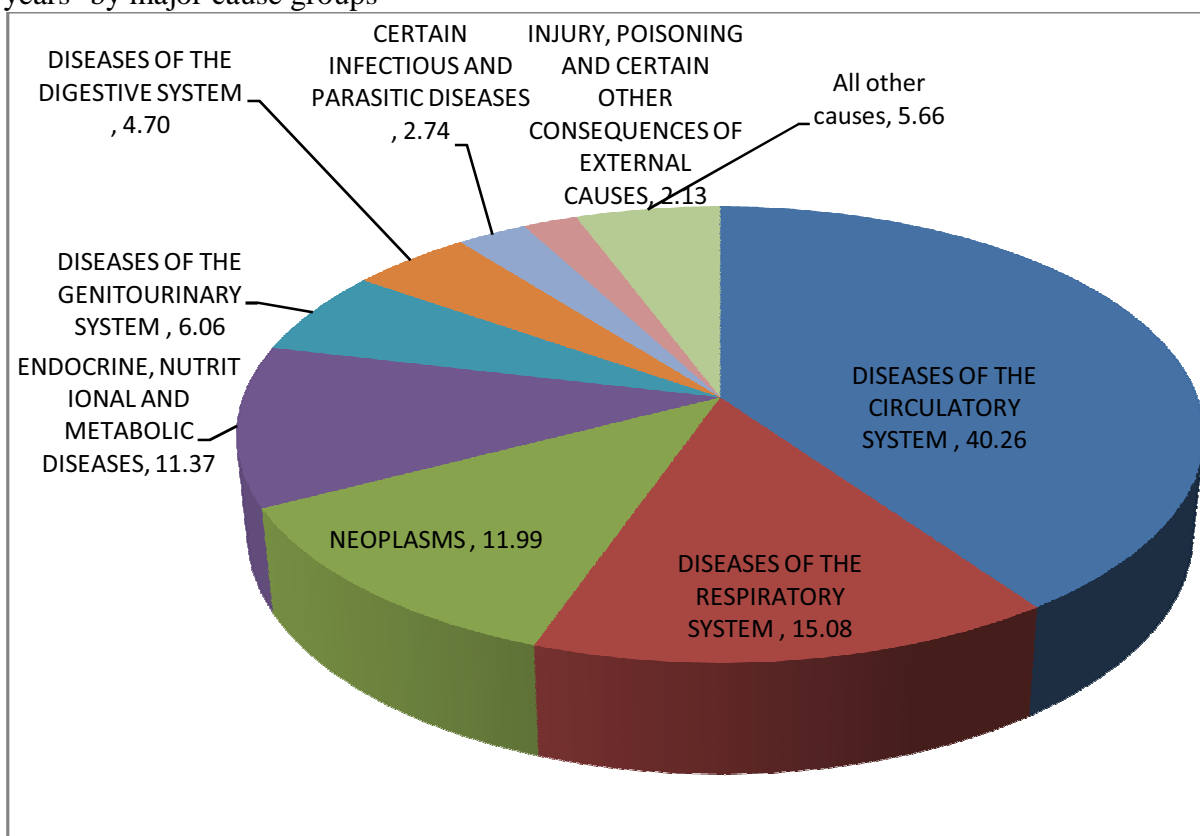
The share of Neoplasm deaths in this age group is 11.99%. The percentage of male death rate is 65.98%. With the share of 11.37%, 'Endocrine, Nutritional and Metabolic Disease' is the fourth leading cause group of death in this age group. 'Diabetes Mellitus' is alone cause for about 85.54% deaths under this age group.

The distribution of mortality in the age group 70 years and above, by major cause group has been presented in Table 4.10 and Chart 4.10.

Table 4.10: Distribution of mortality among old aged persons '70 or above years' by major cause groups

M.G/ CAT /S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
<b>IX.</b>	Diseases of the Circulatory System	1900	36.52	1870	44.95	3770	40.26
<b>X.</b>	Diseases of the Respiratory System	894	17.18	518	12.45	1412	15.08
<b>II.</b>	Neoplasms	741	14.24	382	9.18	1123	11.99
<b>IV.</b>	Endocrine, Nutritional and Metabolic Diseases	564	10.84	501	12.04	1065	11.37
<b>XIV.</b>	Diseases of the Genitourinary System	337	6.48	230	5.53	567	6.06
<b>XI.</b>	Diseases of the Digestive System	256	4.92	184	4.42	440	4.70
<b>I.</b>	Certain Infectious and Parasitic Diseases	144	2.77	113	2.72	257	2.74
<b>XIX.</b>	Injury, Poisoning and Certain other Consequences Of External Causes	128	2.46	71	1.71	199	2.13
	All other causes	239	4.59	291	7.00	530	5.66
	ALL CAUSES ( MAJOR GROUP I to XX)	5203	100	4160	100	9363	100
	Deaths in the age group 65-69 year as percentage to total Medically certified Deaths-		30.32		39.78		33.90

Chart 4.10: Percentage distribution of mortality among old aged persons '70 or above years' by major cause groups



# Appendices

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<b>Appendix I</b>	<b>List of Hospitals Reporting MCCD</b>
<b>Appendix II</b>	<b>Form No 4 Medical Certificate of Cause of Death - for Hospital events</b>
<b>Appendix III</b>	<b>Form No 4A Medical Certificate of Cause of Death – for Non Hospital events</b>
<b>Appendix IV</b>	<b>Major Groups and the description of ICD-10 Codes</b>
<b>Appendix V</b>	<b>National List based on ICD-10.</b>
<b>Appendix VI</b>	<b>Centre wise cause of death under major cause group</b>
<b>Appendix VII</b>	<b>Centre wise Cause of Death(Age wise and Sex wise)</b>
<b>Appendix VIII</b>	<b>Cause of Death under major cause group</b>
<b>Appendix IX</b>	<b>Cause of Death (Age wise and Sex wise)</b>





## APPENDIX – I

# LIST OF HOSPITALS REPORTING MCCD

### Thiruvananthapuram (44 Nos.)

Sl No	Name of Hospital	Govt/Pvt
1	CHC Fort Hospital, Trivandrum	Govt
2	ESI Hospital, Peroorkada	Govt
3	Govt. Dist.Model Hospital ,Peroorkada	Govt
4	Govt. Mental Healthcare, Oolampara	Govt
5	General Hospital ,Trivandrum	Govt
6	Govt. MCH ,Trivandrum	Govt
7	Govt. W&C Hospital, Thycaud	Govt
8	Regional Cancer Centre ,Trivandrum	Govt
9	Sanitorium for Chest diseases, Pulayanarcotta	Govt
10	SAT Hospital , Trivandrum	Govt
11	Sree ChithiraThirunal Institute of Medical Science& Technology	Govt
12	AJ Hospital, Kazhakkootam	Pvt
13	Al Areef Hospital ,Ambalathara	Pvt
14	Anadiyil Hospital, Thekkummoody	Pvt
15	Ananthapuri Hospital&Research Centre, Chakka	Pvt
16	Arumana Hospital,	Pvt
17	Attukal Devi Institute of medical Sciences Ltd , Attukal	Pvt
18	BNV Hospital, Thiruvallam.	Pvt
19	Beema Mahim SUT, Beemapally	Pvt
20	Cosmopolitan Hospital ,Murinjapalam	Pvt

21	Credence Hospital, Ulloor	Pvt
22	CSI Mission Hospital ,Kazhakkootam	Pvt
23	Dr.Govindans Hospital, GH Junction	Pvt
24	Geethanjali Hospital, Vazhuthacaud	Pvt
25	Gowreesha Hospital, Gowreeshapattam	Pvt
26	Holy Cross Hospital , Sangumugham	Pvt
27	Jubilee Memorial Hospital, Palayam	Pvt
28	KJK Hospital ,Nalanchira	Pvt
29	KIMS Hospital, Anayara.	Pvt
30	Lords Hospital, Anayaara	Pvt
31	Meditrena Hospital, Plamoodu	Pvt
32	PRS Hospital, Killipalam	Pvt
33	Samad Hospital, Pattoor	Pvt
34	Santhwana Hospital, Ambalamukku	Pvt
35	SK Hospital, Edapazhinji	Pvt
36	SP Fort Hospital ,Fort	Pvt
37	Sree RamakrishnaAshramam Hospital, Shasthamangalam	Pvt
38	St.Anns Nursing Home Pallimukku	Pvt
39	SUT Hospital, Pattom	Pvt
40	SUT Royal Hospital, Pongummoodu	Pvt
41	SUT Royal Mother&Baby Hospital	Pvt
42	The India Hospital, Melethampanoor	Pvt
43	TSC Hospital, Veli	Pvt
44	Valsala Nursing Home, Bakery	Pvt

**Kollam (17 Nos.)**

<b>Sl. No</b>	<b>Name of Hospital</b>	<b>Govt/Pvt</b>
1	AARM District Hospital	Govt
2	AGC Nursing Home	Pvt
3	Bishop Benziger Hospital	Pvt
4	Dr.K Damodaran Memorial Hospital	Pvt
5	Dr.Nairs Hospital	Pvt
6	Victoria Hospital	Govt
7	Kumar Hospital	Pvt
8	ESI Hospital	Govt
9	N.S.Hospital	Pvt
10	Sankar Shashtyabdapoorthy Memorial Hospital	Pvt
11	Upasana Hospital	Pvt
12	Prathibha Hospital	Pvt
13	PHC Palathra	Pvt
14	Govt. Homoeo Hospital	Govt
15	Govt. Ayurvedic Hospital	Govt
16	Nani Memorial Hospital	Govt
17	N.S Hospital Maternity Home	Pvt

**Alappuzha (8 Nos.)**

<b>SINo</b>	<b>Name of Hospital</b>	<b>Govt/Pvt</b>
1	T.D.Medical College Hospital	Govt
2	General Hospital	Govt
3	Women&Children Hospital	Govt
4	ESI Hospital	Govt

5	District Ayurveda Hospital	Govt
6	Panchakarma Hospital	Govt
7	District Homoeo Hospital	Govt
8	Sahrudaya Hospital	Pvt

**Ernakulam (40 Nos.)**

Sl No	Name of Hospital	Govt/Pvt
1	General Hospital, Ernakulam	Govt
2	Lisie Hospital, Ernakulam	Pvt
3	Lourde Hospital, Ernakulam	Pvt
4	Lakshmi Hospital, Ernakulam	Pvt
5	M.A.J Hospital, Edappilly	Pvt
6	Amritha Institute of Medical Science and Research Centre	Pvt
7	Medical Trust Hospital	Pvt
8	Ernakulam Medical Centre	Pvt
9	P.V.S Memorial Hospital	Pvt
10	Cochin Hospital	Pvt
11	Krishna Hospital	Pvt
12	Akshaya Hospital	Pvt
13	Sree Sudheendra Medical Mission	Pvt
14	Dr.Joy's Hospital for Women and Children	Pvt
15	E S I Hospital	Pvt
16	Welcare Hospital	Pvt
17	Specialist Hospital	Pvt
18	Dr.Kunjalu's Nursing Home	Pvt
19	City Hospital Pvt. Ltd	Pvt

20	P N V M Hospital	Pvt
21	I N H S Sanjeevani	Pvt
22	Cochin Port Trust Hospital	Pvt
23	Indira Gandhi Co-operative Hospital	Pvt
24	Govt. Women and Children	Govt
25	Govt. Hospital Fort Cochin	Govt
26	Govt. Maharaja's Hospital	Govt
27	Gautham Hospital	Pvt
28	Lakshmi Hospital Fort Cochin	Pvt
29	Sangeeth Nursing Home	Pvt
30	Jishy Hospital	Pvt
31	Jacob's Hospital	Pvt
32	Westside Hospital	Pvt
33	Chandrassery Hospital	Pvt
34	Holy Cross Hospice	Pvt
35	Anne Marry Joachim Hospital	Pvt
36	Our Lady Hospital	Pvt
37	Fathima Hospital	Pvt
38	Sunrise Hospital	Pvt
39	Polakkulath Narayanan Renai Medicity	Pvt
40	V.G.Saraf Memorial Hospital	Pvt

### Kozhikode (41 Nos)

SlNo	Name of Hospital	Govt/Pvt
1	Alzheimer's and Related disorder society of India	Pvt
2	Ashoka Hospital	Pvt

3	Baby Memorial Hospital	Pvt
4	Calicut Hospital and Nursing Home	Pvt
5	Chest Hospital	Pvt
6	City Co-op Hospital	Pvt
7	District Co-op Hospital ,Kozhikode	Pvt
8	Dr.Vidhya Prakash's Homoeo clinic	Pvt
9	Dr.Ismail Sait Medical centre for Homoeopathic Research and Hospital	Pvt
10	Fathima Hospital	Pvt
11	Govt. Homoeo Hospital	Govt
12	Govt. Leprosy Hospital Kozhikode	Govt
13	Govt. Women&Children Hospital	Govt
14	Govt. Ayurvedic Hospital	Govt
15	Govt. General Hospital	Govt
16	Govt. Homoeo Medical College Hospital	Govt
17	Govt. Mental Hospital	Govt
18	Institute of Chest Diseases	Govt
19	Institute of Maternal and Child Health Medical College	Govt
20	Iquraa International Hospital and Research Centre	Pvt
21	Koyas Hospital	Pvt
22	Malabar Diabetic Foundation	Pvt
23	Malabar Eye Hospital&Research Centre Pvt Ltd	Pvt
24	Malabar Hospital& Urology Centre	Pvt
25	Malabar Institute of Medical Science Ltd	Pvt
26	Manohar Hospital	Pvt
27	Medical College Hospital	Pvt
28	Super Speciality Block	Pvt

29	National Hospital	Pvt
30	Nirmala Hospital	Pvt
31	PVS Hospital Pvt Ltd	Pvt
32	Pain & Palliative Care Society	Pvt
33	Rajendra Nursing Home	Pvt
34	Ramanatha Nursing Home	Pvt
35	R.M Hospital	Pvt
36	Santhi Hospital	Pvt
37	Shiba Surgery & Urology Centre	Pvt
38	TPs Hospital	Pvt
39	Vathiad Medical Centre	Pvt
40	Vijaya Hospital	Pvt
41	Viveka Hospital	Pvt

### **TOTAL MCCD HOSPITAL IN KERALA-150**

## Appendix – II

## FOR HOSPITAL EVENTS

**FORM NO. 4**

**(See Rule 7)**

# MEDICAL CERTIFICATE OF CAUSE OF DEATH

(Hospital In-patients. Not to be used for still births)

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

Name of the Hospital.....I

here by certify that the person whose particular care given below died in the hospital in ward

No.....On..... At.....AM/PM.

<b>NAME OF DECEASED :</b>					For use of Statistical Office
<b>Sex</b>	<b>Age of Death :</b>				
1.Male  2.Female	If one year or more, age in years	If less than one year, age in month	If less than one month age in days	If less than one day, age in hours	
<p align="center"><b>CAUSE OF DEATH</b></p> <p><b>I</b>                                      (a).....</p> <p>Immediate cause                      Due to( or as a consequences of)</p> <p>State the disease, injury or complication</p> <p>Which caused death, not the mode of dying</p> <p>such as heart failure, asthenia, etc.</p> <p>Antecedent cause                      (b).....</p> <p>    Due to (or as a consequences of )</p> <p>Morbid conditions, if any,</p> <p>Giving rise to the above cause</p> <p>Stating under lying conditions last</p> <p>(c).....</p> <p><b>II</b></p> <p>Other significant conditions</p> <p>contributing to the death                      .....</p> <p>but not related to the disease or    .....</p> <p>Condition causing it.....</p>					Interval between onset and death approx.



**Manner of Death**

How did the injury occur?

1. Natural 2. Accident 3. Suicide 4. Homicide 5. Pending investigation.

If deceased was a female, was the 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.....

(To be detached and handed over to the relative of the deceased)

Certified that Sri/Smt/Kum.....S/W/D of

Sri.....R/O.....was admitted to  
this hospital on .....and expired on .....

Doctor.....

(Medical Superintendent & Name of Hospital)

## APPENDIX –III

**FOR NON-HOSPITAL EVENTS****FORM NO. 4A**

(See Rule 7)

**MEDICAL CERTIFICATE OF CAUSE OF DEATH**

(For non-institutional deaths .Not to be used for still birth)

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

I hereby certify that the deceased Sri/Smt/Kum .....son/wife/daughter of .....resident of .....was under my treatment from.....to.....and he/she died on .....at .....AM/PM.

<b>NAME OF DECEASED</b>					For use of Statistical Office
Sex	Age of Death				
1.Male 2.Female	If one year or more, age in years	If less than one year, age in month	If less than one month age in days	If less than one day, age in hours	
<b>CAUSE OF DEATH</b>  <b>I</b> (a)..... Immediate cause 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 under lying conditions last (c).....  <b>II</b> Other significant conditions Contributing to the death ..... But not related to the disease or ..... Condition causing it. ....					Interval between onset and death approx.

If deceased was a female, was the 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.....

---

(To be detached and handed over to the relative of the deceased)

Certified that Sri/Smt/Kum.....S/W/D of  
Sri.....R/O.....was under my  
treatment from.....to.....and he/she expired on  
.....AM/PM.

Doctor.....  
(Medical Superintendent &  
Name of Hospital)

## **Appendix - IV**

# **MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES**

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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 are 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 Organization (WHO) brought out 10th Revision of International Classification of Diseases (ICD) and the National List for tabulation of Morbidity and Mortality data, based on ICD-10 has been finalized 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 3/4-character categories and 3/4 -character single category)
- &

### **Major Group XX: External Causes of Morbidity & Mortality**

3. Categories-11 (Group of three-character categories)
4. Sub-categories-16 (Group of 3/4-character categories and 3/4 -character single category)

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

Major Cause Groups	Description and ICD codes
I	Certain Infectious and parasitic diseases (A00-B99)
II	Neoplasms (C00-D48)
III	Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism (D50-D89)
IV	Endocrine, nutritional and metabolic diseases (E00-E89)
V	Mental and behavioural 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 malformation, 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.

APPENDIX - V

# NATIONAL LIST FOR TABULATION OF MORTALITY & MORBIDITY BASED ON THE TENTH REVISION OF INTERNATIONAL CLASSIFICATION OF DISEASES (ICD)

Major Group No.	CAUSE OF DEATH ICD-10 CODES
<b>I. CERTAIN INFECTIOUS AND PARASITIC DISEASES</b>	<b>A00-B99</b>
<b>1 Intestinal infectious diseases</b>	<b>A00-A09</b>
1 Cholera	A00
2 Typhoid fever and paratyphoid fevers	A01
3 Food poisoning	A02, A05
4 Shigellosis	A03
5 Amoebiasis	A06
6 Diarrhoea and gastroenteritis of presumed infectious origin	A09
7 Other intestinal infectious diseases	A04, A07-A08
<b>2 Tuberculosis</b>	<b>A15-A19</b>
1 Respiratory tuberculosis	A15-A16
2 Tuberculosis of nervous system	A17
3 Tuberculosis of other organs & miliary tuberculosis	A18-A19
<b>3 Other bacterial diseases</b>	<b>A20-A49</b>
1 Plague	A20
2 Leprosy	A30
3 Neonatal tetanus	A33
4 Other tetanus	A34-A35
5 Diphtheria	A36
6 Whooping cough	A37
7 Meningococcal infection	A39
8 Septicaemia	A40-A41
9 All other types of bacterial diseases	A21-A28, A31-A32, A38, A42-A49
<b>4 Infections with a predominantly sexual mode of transmission</b>	<b>A50-A64</b>
1 Syphilis	A50-A53
2 Other types of infections with a predominantly sexual	

mode of transmission	A54-A64
<b>5 Viral diseases</b>	<b>A70-A74 &amp; A80-B34</b>
1 Acute poliomyelitis	A80
2 Rabies	A82
3 Japanese encephalitis	A83
4 Other viral encephalitis	A83.1-A83.9, A84-A86
5 Dengue fever	A90
6 Other arthropod-borne viral fevers and viral haemorrhagic fevers	A91-A94, A96-A99
7 Smallpox	B03
8 Measles	B05
9 Acute Hepatitis	B16
10 Other viral hepatitis	B15, B17-B19
11 Human immunodeficiency virus [HIV] disease	B20-B24
12 All other types of viral diseases	A70-A74, A81, A87-A89, A95,
	B00-B02, B04, B06-B09 & B25-B346
<b>6 Protozoal diseases</b>	<b>B50-B64</b>
1 Malaria	B50-B54
2 All other types of protozoal diseases	B55-B64
<b>7 Other certain infectious &amp; parasitic diseases and late effects of infectious &amp; parasitic diseases</b>	<b>A65-A69 &amp; A75-A79, B35-B49</b>
1 Filariasis	B74
2 Other helminthiasis	B65-B73, B75, B77-B83
3 Other spirochaetal diseases and Rickettsioses	A65-A69 & A75-A79
4 All other infectious & parasitic diseases and late effects of infectious & parasitic diseases	B35-B49, B76, B85-B99
<b>II. NEOPLASMS</b>	<b>C00-D48</b>
<b>8 Malignant neoplasms of lip, oral cavity and pharynx</b>	<b>C00-C14</b>
<b>9 Malignant neoplasms of digestive organs</b>	<b>C15-C26</b>
1 Malignant neoplasm of oesophagus	C15
2 Malignant neoplasm of stomach	C16
3 Malignant neoplasm of small intestine including Duodenum	C17
4 Malignant neoplasm of colon	C18
5 Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal	C19-C21
6 Malignant neoplasm of liver and intrahepatic bile ducts	C22
7 Malignant neoplasm of pancreas	C25
8 Other malignant neoplasms of digestive organs	C23-C24, C26

<b>10 Malignant neoplasms of respiratory and intrathoracic Organs</b>	<b>C30-C39</b>
1 Malignant neoplasm of larynx	C32
2 Malignant neoplasm of trachea, bronchus and lung	C33-C34
3 Other malignant neoplasm of respiratory and intrathoracic organs	C30-C31, C37-C39
<b>11 Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast</b>	<b>C40-C50</b>
1 Malignant neoplasm of bone and articular cartilage	C40-C41
2 Malignant melanoma of skin	C43
3 Other malignant neoplasms of skin	C44
4 Malignant neoplasms of mesothelial and soft tissue	C45-C49
5 Malignant neoplasm of breast	C50
<b>12 Malignant neoplasms of genitourinary organs</b>	<b>C51-C68</b>
1 Malignant neoplasm of cervix uteri	C53
2 Malignant neoplasm of other and unspecified parts of Uterus	C54-C55
3 Malignant neoplasm of ovary	C56
4 Malignant neoplasm of placenta	C58
5 Other malignant neoplasms of female genital organs	C51-C52, C57
6 Malignant neoplasm of prostate	C61
7 Other malignant neoplasms of male genital organs	C60, C62-C63
8 Malignant neoplasm of bladder	C67
9 Other malignant neoplasms of urinary tract	C64-C66, C68
<b>13 Malignant neoplasms of eye, brain and other parts of central nervous system</b>	<b>C69-C72</b>
1 Malignant neoplasm of eye & adnexa	C69
2 Malignant neoplasm of meninges, brain and other parts of central nervous system	C70-C72
<b>14 Malignant neoplasms of other and unspecified sites</b>	<b>C73-C80 &amp; C97</b>
<b>15 Malignant neoplasms of lymphoid, haematopoietic and related tissue</b>	<b>C81-C96</b>
1 Hodgkin's disease	C81
2 Non-Hodgkin's lymphoma	C82-C85
3 Multiple myeloma and malignant plasma cell neoplasms	C90
4 Leukaemia	C91-C95
5 Other malignant neoplasms of lymphoid, haematopoietic and related tissue	C88 & C96
<b>16 Carcinoma in situ</b>	<b>D00-D09</b>
<b>17 Benign neoplasms</b>	<b>D10-D36</b>
1 Leiomyoma of uterus	D25
2 All other benign neoplasms	D10-D24 & D26-D36



<b>18 Other and unspecified neoplasm</b>	<b>D37-D48</b>
 <b>III. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM D50-D89</b>	
<b>19 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>	<b>D50-D89</b>
1 Thalassaemia	D56
2 Other anaemias	D50-D55, D57-D64
3 All other diseases of blood and blood-forming organs	D65-D76
4 Certain disorders involving the immune mechanism	D80-D89
 <b>IV. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES E00-E89</b>	
<b>20 Malnutrition</b>	<b>E40-E46</b>
1 Kwashiorkor	E40
2 Nutritional marasmus	E41
3 Other protein-energy malnutrition	E42-E46
<b>21 Endocrine, other nutritional and metabolic diseases</b>	<b>E00-E34 &amp; E50-E89</b>
1 Disorders of thyroid gland	E00-E07
2 Diabetes mellitus	E10-E14
3 All other nutritional deficiencies	E50-E64
4 All other endocrine and metabolic diseases	E15-E34 & E65-E89
 <b>V. MENTAL AND BEHAVIOURAL DISORDERS F01-F99</b>	
<b>22 Mental and behavioural disorders</b>	<b>F01-F99</b>
1 Mental and behavioural disorders due to psychoactive substance use	F10-F19
2 Schizophrenia, schizotypal & delusional disorders	F20-F29
3 All other mental and behavioural disorders	F01-F09, F30-F99
 <b>VI. DISEASES OF THE NERVOUS SYSTEM G00-G98</b>	
<b>23 Inflammatory diseases of the central nervous system</b>	<b>G00-G09</b>
1 Meningitis	G00 & G03
2 Encephalitis, myelitis and encephalomyelitis	G04
3 Other inflammatory diseases of the central nervous System	G06, G08-G09
<b>24 Other diseases of the nervous system</b>	<b>G10-G98</b>
1 Alzheimer's disease	G30

2 Epilepsy	G40-G41
3 All other diseases of the nervous system	G10-G25, G31, G35-G37, G43-G98
<b>VII. DISEASES OF THE EYE AND ADNEXA</b>	<b>H00-H59</b>
25 Disease of the eye and adnexa	H00-H59
<b>VIII. DISEASES OF THE EAR AND MASTOID PROCESS</b>	<b>H60-H95</b>
26 Diseases of the ear and mastoid process	H60-H93
<b>IX. DISEASES OF THE CIRCULATORY SYSTEM</b>	<b>I00-I99</b>
27 Acute rheumatic fever and chronic rheumatic heart Diseases	I00-I09
1 Acute rheumatic fever	I00-I02
2 Chronic rheumatic heart diseases	I05-I09
28 Hypertensive diseases	I10-I15
1 Hypertensive heart disease	I11
2 All other hypertensive diseases	I10, I12-I15
29 Ischaemic heart diseases	I20-I25
1 Acute myocardial infarction	I21-I22
2 All other ischaemic heart diseases	I20 & I23-I25
30 Diseases of pulmonary circulation and other forms of heart disease	I26-I51
1 Pulmonary heart disease and diseases of pulmonary Circulation	I26-I28
2 Other forms of heart diseases	I30-I51
31 Cerebrovascular diseases	I60-I69
32 Other diseases of the circulatory system	I70-I99
1 Atherosclerosis	I70
2 Arterial embolism and thrombosis	I74
3 Other diseases of arteries, arterioles & capillaries	I71-I73 & I77-I78
4 Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80-I82
5 All other diseases of the circulatory system	I83-I99
<b>X. DISEASES OF THE RESPIRATORY SYSTEM</b>	<b>J00-J98</b>
33 Diseases of the upper respiratory tract	J00-J06 & J30-J39
1 Acute pharyngitis and acute tonsillitis	J02-J03
2 Acute laryngitis and tracheitis	J04
3 Other acute upper respiratory infections	J00-J01 & J05-J06
4 All other diseases of upper respiratory tract	J30-J39

<b>34 Lower respiratory diseases</b>	<b>J20-J22 &amp; J40-J47</b>
1 Acute bronchitis and acute bronchiolitis	J20-J21
2 Bronchitis, chronic and unspecified, emphysema	J40-J43
3 Asthma	J45-J46
4 Other lower respiratory disorders	J22, J44 & J47
<b>35 Other diseases of the respiratory system</b>	<b>J10-J18, J60-J98</b>
1 Influenza	J10-J11
2 Pneumonia	J12-J18
3 Pleurisy	J90
4 All other diseases of the respiratory system	J60-J86, J92-J98.
 <b>XI. DISEASES OF THE DIGESTIVE SYSTEM</b>	 <b>K00-K92</b>
<b>36 Diseases of oral cavity, salivary glands and jaws</b>	<b>K00-K14</b>
<b>37 Diseases of the other parts of digestive system</b>	<b>K20-K92</b>
1 Gastric and duodenal ulcer	K25-K27
2 Gastritis and duodenitis	K29
3 Diseases of appendix	K35-K38
4 Hernia	K40-K46
5 Paralytic ileus and intestinal obstruction without hernia	K56
6 Peritonitis	K65
7 Diseases of the liver	K70-K76
8 Cholelithiasis and cholecystitis	K80-K81
9 Disorders of the pancreas	K85-K86
10 All other diseases of the other parts of digestive system	K20-K22, K28, K30-K31, K50-K55, K57-K63, K66, K82-K83 & K90-K92
 <b>XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE</b>	 <b>L00-L98</b>
<b>38 Diseases of the skin and subcutaneous tissue</b>	<b>L00-L98</b>
1 Infections of the skin and subcutaneous tissue	L00-L08
2 All other diseases of the skin and subcutaneous tissue	L10-L98
 <b>XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE</b>	 <b>M00-M99</b>
<b>39 Diseases of the musculoskeletal system and connective tissue</b>	<b>M00-M99</b>
1 Rheumatoid arthritis and other inflammatory Polyarthropathies	M05-M13
2 Osteomyelitis	M86
3 All other diseases of the musculoskeletal system and connective tissue	M00-M02, M15-M85, M87-M99

#### **XIV. DISEASES OF THE GENITOURINARY SYSTEM N00-N99**

##### **40 Diseases of urinary system**

**N00-N39**

1 Glomerular diseases (including Nephritic Syndrome)	N00-N07
2 Renal tubulo-interstitial diseases	N10-N15
3 Renal failure	N17-N19
4 Urolithiasis	N20-N23
5 Other disorders of kidney and ureter	N25-N28
6 All other diseases of urinary system	N30-N39

##### **41 Other diseases of the genitourinary system**

**N40-N99**

1 Hyperplasia of prostate	N40
2 All other diseases of male genital organs	N41-N50
3 Salpingitis and oophoritis	N70
4 All other diseases of female genital organs	N60-N64 & N71-N99

#### **XV. PREGNANCY, CHILDBIRTH AND THE PUERPERIUM O00-O99**

##### **42 Pregnancy with abortive outcome**

**O00-O08**

1 Spontaneous abortion	O03
2 Medical abortion	O04
3 Other pregnancies with abortive outcome	O00-O02 & O05-O08

##### **43 Other direct obstetric deaths**

**O10-O92**

1 Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	O10-O16
2 Infections of genitourinary tract in pregnancy	O23
3 Obstructed labour	O64-O66
4 Complications pre-dominantly related to the puerperium	O85-O92
5 Other complications of pregnancy and delivery	O20-O22, O24-O63 & O67-O84

##### **44 Other obstetric conditions, not elsewhere classified**

**O95-O99**

1 Indirect obstetric deaths	O98-O99
2 All other obstetric conditions, not elsewhere classified	O95-O97

#### **XVI. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD**

**P00-P96**

##### **45 Certain conditions originating in the perinatal period**

**P00-P96**

1 Slow foetal growth, foetal malnutrition and immaturity	P05-P07
2 Birth trauma	P10-P15
3 Hypoxia, birth asphyxia and other respiratory conditions	P20-P28
4 Haemolytic disease of foetus and new-born	P55
5 Other perinatal jaundice	P58-P59
6 All other conditions originating in the perinatal period	P00-P04, P08, P29-P54,

	P56-P57,P60-P96.
<b>XVII. CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES</b>	<b>Q00-Q99</b>
<b>46 Congenital malformations, deformations and chromosomal abnormalities</b>	<b>Q00-Q99</b>
1 Spina bifida	Q05
2 Congenital malformations of the circulatory system	Q20-Q28
3 Cleft lip and cleft palate	Q35-Q37
4 All other congenital malformations, deformations and chromosomal abnormalities, not elsewhere classified	Q00-Q04, Q06-Q18, Q30-Q34 & Q38-Q99
<b>XVIII. SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS,NOT ELSEWHERE CLASSIFIED</b>	<b>R00-R99</b>
<b>47 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>R00-R99</b>
1 Abdominal and pelvic pain	R10
2 Ascites	R18
3 Somnolence, stupor and coma	R40
4 Fever of unknown origin	R50
5 Senility	R54
6 Syncope and collapse	R55
7 Convulsions, not elsewhere classified	R56
8 Shock, not elsewhere classified	R57
9 All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R09, R11-R17, R19-R39 R41- R49, R51-R53, R58-R99
<b>XIX. INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES</b>	<b>S00-T98</b>
<b>48 Fractures</b>	<b>S02, S12, S22, S32, S42, S52, S62, S72, S82, S92, T02, T08, T10 &amp; T12</b>
1 Fracture of skull and facial bones	S02
2 Fracture of neck, thorax or pelvis	S12, S22, S32 & T08
3 Fracture of upper limb	S42, S52, S62 & T10
4 Fractures of lower limb	S72, S82, S92 & T12
5 Fractures involving multiple body regions and of unspecified body region	T02
<b>49 Dislocations, sprains and strains of specified and multiple body regions</b>	<b>S03, S13, S23, S33, S43, S53, S63, S73, S83, S93, T03</b>
<b>50 Intracranial and internal injuries, including nerves</b>	<b>S04, S06, S14, S24, S26-S27, S34,S36-S37, S44, S54, S64, S74, S84 &amp;S94</b>

<b>51 Crushing injuries and traumatic amputations of specified and multiple body regions</b>	<b>S07-S08, S17-S18, S28, S38, S47-S48, S57-S58, S67-S68, S77-S78, S87-S88, S97-S98, T04-T05</b>
<b>52 Other injuries of specified, unspecified and multiple body regions</b>	<b>S00-S01, S05, S09-S11, S15-S16, S19-S21, S25, S29-S31, S35, S39-S41, S45-S46, S49-S51, S55-S56, S59-S61, S65-S66, S69-S71, S75-S76, S79-S81, S85-S86, S89-S91, S95-S96, S99, T00-T01, T06-T07, T09, T11, T13-T14</b>
<b>53 Effects of foreign body entering through natural orifice</b>	<b>T15-T19</b>
<b>54 Burns and Corrosions</b>	<b>T20-T32</b>
<b>55 Poisonings by drugs &amp; biological substances; and Toxic effects of substances chiefly nonmedicinal as to source</b>	<b>T36-T50 &amp; T51-T65</b>
<b>56 Other and unspecified effects of external causes and certain early complications of trauma</b>	<b>T33-T35, T66-T79</b>
<b>57 Complications of Surgical and Medical care, not elsewhere classified</b>	<b>T80-T88</b>
<b>58 Late effects of injuries, of poisoning and of other consequences of external causes</b>	<b>T90-T98</b>
<b>XX. EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b>	<b>V01-Y89</b>
<b>E48 Transport accidents</b>	<b>V01-V99</b>
1 Railway accidents	V05, V15, V80.6, V81, V82.2, V87.6& V88.6
2 Motor vehicle traffic accidents	V02-V04, V09.2-V09.3, V12-V14, V19.4-V19.6, V19.9, V20-V28, V29.4-V29.6, V29.9, V30-V38, V39.4-V39.6, V39.9, V40-V48, V49.4-V49.6, V49.9, V50-V58, V59.4-V59.6, V59.9, V60-V68, V69.4-V69.6, V69.9, V70-V78, V79.4- V79.6, V79.9, V80.3-V80.5, V82.1, V87.0-V87.5, V87.7-87.9,

3 Other road vehicle accidents V11,  V39.8,  V89.1	V89.2-V89.3 V01, V06, V09.9, V10-  V16-V18, V19.8, V29.8,  V49.8, V59.8, V69.8, V79.8, V80.0-V80.2, V80.7-V80.9, V82.3-V82.7, V82.9 &
4 Water transport accidents	V90-V94
5 Air & Space transport accidents	V95-V97
6 All other transport accidents V19.3,	V09.0-V09.1, V19.0-  V29.0-V29.3, V39.0-V39.3, V49.0-V49.3, V59.0-V59.3, V69.0-V69.3, V79.0-V79.3 V82.0, V82.8, V83-V86, V88.0-V88.5, V88.7-V88.9, V89.0, V89.9, V98-V99
<b>E49 Accidental Falls</b>	<b>W00-W19</b>
<b>E50 Accidental drowning and submersion</b>	<b>W65-W74</b>
<b>E51 Exposure to smoke, fire and flames</b>	<b>X00-X09</b>
<b>E52 Accidental poisoning by and exposure to noxious substances</b>	<b>X40-X49</b>
<b>E53 Intentional self-harm (Suicide- attempted)</b>	<b>X60-X84</b>
<b>E54 Assault (Homicide)</b>	<b>X85-Y09</b>
<b>E55 Other Violence</b>	<b>Y10-Y36</b>
1 Event of undetermined intent	Y10-Y34
2 Legal intervention	Y35
3 Operations of war	Y36
<b>E56 Complications of medical and surgical care</b>	<b>Y40-Y84</b>
1 Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59
2 Misadventures during surgical & medical care, adverse incidents in diagnostic and therapeutic use, abnormal reactions and late complications	Y60-Y69, Y70-Y82 & Y83- Y84
<b>E57 Other external causes of accidental injury, not elsewhere Classified</b>	<b>W20-W64, W75-W99, X10-X39, X50- X59</b>
1 Accidents caused by machinery, and by cutting & piercing instruments	W24-W31
2 Accidents caused by firearm missile	W32-W34
3 Bites of snakes & other venomous animals	X20-X27

4 Sun stroke	X32
5 All other accidents including late effects W99,	W20-W23, W35-W64, W75- X10-X19, X28-X31, X33-X39 & X50-X59
<b>E58 Late effects of external causes of morbidity and mortality</b>	<b>Y85-Y89</b>



## Appendix – VI

**Table : CENTRE WISE CAUSE OF DEATH UNDER MAJOR CAUSE GROUP**

M.G /CAT. /S.C	CAUSE OF DEATH	SEX	Thruvana nthapuram	Kollam	Kochi	Kozhikode	Alappuzha	Total
1	2	3	4	5	6	7	8	9
I.	Certain infectious and parasitic diseases (A00-B99)	M	269	41	66	298	55	729
		F	146	25	34	156	24	385
		<b>T</b>	<b>415</b>	<b>66</b>	<b>100</b>	<b>454</b>	<b>79</b>	<b>1114</b>
II.	Neoplasms (C00-D48)	M	447	115	957	992	257	2768
		F	268	84	528	606	143	1629
		<b>T</b>	<b>715</b>	<b>199</b>	<b>1485</b>	<b>1598</b>	<b>400</b>	<b>4397</b>
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism ( D50-D89)	M	23	3	59	49	18	152
		F	30	8	64	57	19	178
		<b>T</b>	<b>53</b>	<b>11</b>	<b>123</b>	<b>106</b>	<b>37</b>	<b>330</b>
IV.	Endocrine, nutritional and metabolic diseases (E00-E89)	M	101	43	319	854	91	1408
		F	110	34	232	627	85	1088
		<b>T</b>	<b>211</b>	<b>77</b>	<b>551</b>	<b>1481</b>	<b>176</b>	<b>2496</b>
V.	Mental and behavioural disorders ( F01-F99)	M	10	0	0	10	0	20
		F	0	0	0	4	0	4
		<b>T</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>24</b>
VI.	Diseases of the nervous system (G00-F98)	M	80	14	23	137	5	259
		F	47	3	9	126	13	198
		<b>T</b>	<b>127</b>	<b>17</b>	<b>32</b>	<b>263</b>	<b>18</b>	<b>457</b>
VII.	Diseases of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
VIII.	Diseases of the ear and mastoid process (H60-H95)	M	1	0	0	1	0	2
		F	0	0	0	0	0	0
		<b>T</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>
IX.	Diseases of the circulatory system ( I00-I99)	M	1189	463	1094	1651	544	4941
		F	871	307	683	1271	403	3535
		<b>T</b>	<b>2060</b>	<b>770</b>	<b>1777</b>	<b>2922</b>	<b>947</b>	<b>8476</b>
X.	Diseases of the respiratory system (J00-J98)	M	500	192	312	700	217	1921
		F	291	117	170	328	95	1001
		<b>T</b>	<b>791</b>	<b>309</b>	<b>482</b>	<b>1028</b>	<b>312</b>	<b>2922</b>
XI.	Diseases of the digestive system (K00-K92)	M	479	93	576	587	131	1866
		F	123	14	154	192	36	519
		<b>T</b>	<b>602</b>	<b>107</b>	<b>730</b>	<b>779</b>	<b>167</b>	<b>2385</b>
XII.	Diseases of the skin and subcutaneous tissue (L00-L98)	M	33	8	0	29	0	70
		F	21	0	0	26	0	47
		<b>T</b>	<b>54</b>	<b>8</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>117</b>

M.G /CAT. /S.C	CAUSE OF DEATH	SEX	Thruvana nthapuram	Kollam	Kochi	Kozhikode	Alappuzha	Total
XIII.	Diseases of the musculoskeletal system and connective tissue ( M00-M99)	M	17	1	2	24	0	44
		F	32	2	15	45	3	97
		<b>T</b>	<b>49</b>	<b>3</b>	<b>17</b>	<b>69</b>	<b>3</b>	<b>141</b>
XIV.	Diseases of the genitourinary system ( N00-N99)	M	201	104	161	255	178	899
		F	145	71	94	175	106	591
		<b>T</b>	<b>346</b>	<b>175</b>	<b>255</b>	<b>430</b>	<b>284</b>	<b>1490</b>
XV.	Pregnancy, childbirth and the puerperium ( O00-O99)	F	5	0	0	14	0	19
		<b>T</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>19</b>
XVI.	Certain conditions originating in the perinatal period ( P00-P96)	M	206	12	51	223	20	512
		F	148	3	51	168	16	386
		<b>T</b>	<b>354</b>	<b>15</b>	<b>102</b>	<b>391</b>	<b>36</b>	<b>898</b>
XVII.	Congenital malformations, deformations and chromosomal abnormalities ( Q00-Q99)	M	1	0	34	167	5	207
		F	3	2	29	127	8	169
		<b>T</b>	<b>4</b>	<b>2</b>	<b>63</b>	<b>294</b>	<b>13</b>	<b>376</b>
XVII I.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified ( R00-R99)	M	33	18	113	67	163	394
		F	20	22	63	24	58	187
		<b>T</b>	<b>53</b>	<b>40</b>	<b>176</b>	<b>91</b>	<b>221</b>	<b>581</b>
XIX.	Injury, poisoning and certain other consequences of external causes ( S00-T98)	M	245	22	157	526	18	968
		F	110	4	85	218	8	425
		<b>T</b>	<b>355</b>	<b>26</b>	<b>242</b>	<b>744</b>	<b>26</b>	<b>1393</b>
XX.	External causes of morbidity and mortality ( V01-Y89)	M	99	22	165	527	18	831
		F	54	4	82	219	8	367
		<b>T</b>	<b>153</b>	<b>26</b>	<b>247</b>	<b>746</b>	<b>26</b>	<b>1198</b>
	<b>ALL CAUSES ( MAJOR GROUP I to XIX)</b>	M	3835	1129	3924	6570	1702	17160
		F	2370	696	2211	4164	1017	10458
		<b>T</b>	<b>6205</b>	<b>1825</b>	<b>6135</b>	<b>10734</b>	<b>2719</b>	<b>27618</b>
	<b>ALL CAUSES ( MAJOR GROUP I to XX)</b>	M	3934	1151	4089	7097	1720	17991
		F	2424	700	2293	4383	1025	10825
		<b>T</b>	<b>6358</b>	<b>1851</b>	<b>6382</b>	<b>11480</b>	<b>2745</b>	<b>28816</b>

## Appendix - VII

**TABLE - CENTER WISE CAUSE OF DEATH BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD**

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
1.	CERTAIN INFECTIOUS AND PARASITIC DISEASES (A00-B99)	M	269	41	66	298	55	729
		F	146	25	34	156	24	385
		<b>T</b>	<b>415</b>	<b>66</b>	<b>100</b>	<b>454</b>	<b>79</b>	<b>1114</b>
1	Intestinal infectious diseases (A00-A09)	M	7	1	0	20	0	28
		F	10	3	0	28	0	41
		<b>T</b>	<b>17</b>	<b>4</b>	<b>0</b>	<b>48</b>	<b>0</b>	<b>69</b>
1	Cholera (A00)	M	0	0	0	0	0	0
		F	0	0	0	3	0	3
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>
2	Typhoid fever and paratyphoid fevers (A01)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
3	Food poisoning (A02, A05)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4	Shigellosis (A03)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
5	Amoebiasis (A06)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
6	Diarrhoea and gastroenteritis of presumed infectious origin (A09)	M	7	1	0	19	0	27
		F	10	3	0	25	0	38
		<b>T</b>	<b>17</b>	<b>4</b>	<b>0</b>	<b>44</b>	<b>0</b>	<b>65</b>
7	Other intestinal infectious diseases (A04, A07-A08)	M	0	0	0	1	0	1
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
2	Tuberculosis (A15-A19)	M	70	11	27	80	28	216
		F	28	4	7	31	9	79
		<b>T</b>	<b>98</b>	<b>15</b>	<b>34</b>	<b>111</b>	<b>37</b>	<b>295</b>
1	Respiratory tuberculosis (A15-A16)	M	70	11	26	61	27	195
		F	28	4	7	21	9	69
		<b>T</b>	<b>98</b>	<b>15</b>	<b>33</b>	<b>82</b>	<b>36</b>	<b>264</b>

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
2	Tuberculosis of nervous system (A17)	M	0	0	0	8	0	8
		F	0	0	0	2	0	2
		T	0	0	0	10	0	10
3	Tuberculosis of other organs & miliary tuberculosis (A18-A19)	M	0	0	1	11	1	13
		F	0	0	0	8	0	8
		T	0	0	1	19	1	21
3	Other bacterial diseases (A20-A49)	M	115	20	28	57	22	242
		F	63	15	16	35	12	141
		T	178	35	44	92	34	383
1	Plague (A20)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Leprosy (A30)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Neonatal tetanus (A33)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	Other tetanus (A34-A35)	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
		T	1	0	0	0	0	1
5	Diphtheria (A36)	M	0	0	0	3	0	3
		F	0	0	0	0	0	0
		T	0	0	0	3	0	3
6	Whooping cough (A37)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
7	Meningococcal infection (A39)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
8	Septicaemia (A40-A41)	M	100	20	20	27	14	181
		F	60	15	12	26	10	123
		T	160	35	32	53	24	304
9	All other types of bacterial diseases (A21-A28, A31-A32, A38, A42-A49)	M	14	0	8	27	8	57
		F	3	0	4	9	2	18
		T	17	0	12	36	10	75
4	Infections with a predominantly sexual mode of transmission (A50-A64)	M	1	0	0	0	0	1
		F	0	0	0	0	1	1
		T	1	0	0	0	1	2
1	Syphilis (A50-A53)	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
		T	1	0	0	0	0	1

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
2	Other types of infections with a predominantly sexual mode of transmission (A54-A64)	M	0	0	0	0	0	0
		F	0	0	0	0	1	1
		T	0	0	0	0	1	1
5	Viral diseases (A70-A74 & A80-B34)	M	74	8	10	57	4	153
		F	37	3	9	34	2	85
		T	111	11	19	91	6	238
1	Acute poliomyelitis (A80)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Rabies (A82)	M	0	0	0	0	1	1
		F	0	0	0	1	1	2
		T	0	0	0	1	2	3
3	Japanese encephalitis (A83.0)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	Other viral encephalitis (A83.1-A83.9, A84-A86)	M	1	2	0	4	1	8
		F	1	0	0	3	1	5
		T	2	2	0	7	2	13
5	Dengue fever (A90)	M	5	3	7	6	0	21
		F	5	2	3	4	0	14
		T	10	5	10	10	0	35
6	Other arthropod-borne viral fevers and viral haemorrhagic fevers (A91-A94, A96-A99)	M	1	0	0	0	0	1
		F	5	0	3	2	0	10
		T	6	0	3	2	0	11
7	Smallpox (B03)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
8	Measles (B05)	M	0	0	0	1	0	1
		F	0	0	0	0	0	0
		T	0	0	0	1	0	1
9	Acute Hepatitis B (B16)	M	25	2	0	6	1	34
		F	9	1	0	2	0	12
		T	34	3	0	8	1	46
10	Other viral hepatitis (B15, B17-B19)	M	21	1	0	12	0	34
		F	9	0	0	3	0	12
		T	30	1	0	15	0	46
11	Human immunodeficiency virus [HIV] disease (B20-B24)	M	2	0	2	22	1	27
		F	1	0	2	12	0	15
		T	3	0	4	34	1	42
12	All other types of viral diseases (A70-A74, A81, A87-A89, A95, B00-B02, B04, B06-B09 & B25-B34)	M	19	0	1	6	0	26
		F	7	0	1	7	0	15
		T	26	0	2	13	0	41

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
6	Protozoal diseases (B50-B64)	M	1	1	1	1	0	4
		F	0	0	2	1	0	3
		T	1	1	3	2	0	7
1	Malaria (B50-B54)	M	1	0	1	1	0	3
		F	0	0	1	0	0	1
		T	1	0	2	1	0	4
2	All other types of protozoal diseases (B55-B64)	M	0	1	0	0	0	1
		F	0	0	1	1	0	2
		T	0	1	1	1	0	3
7	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases (A65-A69 & A75-A79, B35-B49,	M	1	0	0	83	1	85
		F	8	0	0	27	0	35
		T	9	0	0	110	1	120
1	Filariasis (B74)	M	0	0	0	0	0	0
		F	2	0	0	0	0	2
		T	2	0	0	0	0	2
2	Other helminthiasis (B65-B73, B75, B77-B83)	M	0	0	0	0	0	0
		F	0	0	0	1	0	1
		T	0	0	0	1	0	1
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M	0	0	0	2	0	2
		F	3	0	0	1	0	4
		T	3	0	0	3	0	6
4	All other infectious & parasitic diseases and late effects of infectious & parasitic diseases (B35-B49, B76, B85-B99)	M	1	0	0	81	1	83
		F	3	0	0	25	0	28
		T	4	0	0	106	1	111
II.	NEOPLASMS (C00-D48)	M	447	115	957	992	257	2768
		F	268	84	528	606	143	1629
		T	715	199	1485	1598	400	4397
8	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	32	9	89	53	23	206
		F	7	5	14	22	12	60
		T	39	14	103	75	35	266
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	32	9	89	53	23	206
		F	7	5	14	22	12	60
		T	39	14	103	75	35	266
9	Malignant neoplasms of digestive organs (C15-C26)	M	142	36	345	340	78	941
		F	61	20	131	159	17	388
		T	203	56	476	499	95	1329
1	Malignant neoplasm of oesophagus (C15)	M	25	2	41	52	17	137
		F	5	6	10	22	1	44
		T	30	8	51	74	18	181
2	Malignant neoplasm of stomach (C16)	M	13	6	74	76	14	183
		F	7	1	15	35	0	58
		T	20	7	89	111	14	241

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
3	Malignant neoplasm of small intestine including duodenum (C17)	M	1	0	3	6	0	10
		F	0	0	1	7	1	9
		T	1	0	4	13	1	19
4	Malignant neoplasm of colon (C18)	M	17	5	38	39	5	104
		F	9	1	32	26	3	71
		T	26	6	70	65	8	175
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal (C19-C21)	M	18	4	20	30	7	79
		F	13	1	9	23	8	54
		T	31	5	29	53	15	133
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	48	13	128	75	18	282
		F	17	4	30	16	2	69
		T	65	17	158	91	20	351
7	Malignant neoplasm of pancreas (C25)	M	11	6	30	31	12	90
		F	7	4	23	15	2	51
		T	18	10	53	46	14	141
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	9	0	11	31	5	56
		F	3	3	11	15	0	32
		T	12	3	22	46	5	88
10	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	M	120	37	222	292	93	764
		F	19	5	29	45	10	108
		T	139	42	251	337	103	872
1	Malignant neoplasm of larynx (C32)	M	10	4	24	21	9	68
		F	0	0	3	0	1	4
		T	10	4	27	21	10	72
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	108	33	192	269	84	686
		F	19	5	24	44	9	101
		T	127	38	216	313	93	787
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	2	0	6	2	0	10
		F	0	0	2	1	0	3
		T	2	0	8	3	0	13
11	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	M	8	1	18	17	4	48
		F	70	23	143	110	40	386
		T	78	24	161	127	44	434
1	Malignant neoplasm of bone and articular cartilage (C40-C41)	M	3	0	7	3	1	14
		F	2	0	3	1	1	7
		T	5	0	10	4	2	21
2	Malignant melanoma of skin (C43)	M	0	0	2	2	0	4
		F	0	0	2	2	0	4
		T	0	0	4	4	0	8
3	Other malignant neoplasms of skin (C44)	M	0	0	0	1	2	3
		F	0	0	2	1	1	4
		T	0	0	2	2	3	7

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	M	5	1	9	7	1	23
		F	3	2	4	9	3	21
		T	8	3	13	16	4	44
5	Malignant neoplasm of breast (C50)	M	0	0	0	4	0	4
		F	65	21	132	97	35	350
		T	65	21	132	101	35	354
12	Malignant neoplasms of genitourinary organs (C51-C68)	M	40	8	84	71	13	216
		F	41	19	74	83	28	245
		T	81	27	158	154	41	461
1	Malignant neoplasm of cervix uteri (C53)	F	8	4	16	25	9	62
		T	8	4	16	25	9	62
2	Malignant neoplasm of other and unspecified parts of uterus (C54-C55)	F	4	2	10	15	3	34
		T	4	2	10	15	3	34
3	Malignant neoplasm of ovary (C56)	F	21	12	37	38	13	121
		T	21	12	37	38	13	121
4	Malignant neoplasm of placenta (C58)	F	0	0	0	0	1	1
		T	0	0	0	0	1	1
5	Other malignant neoplasms of female genital organs (C51-C52, C57)	F	0	0	5	3	1	9
		T	0	0	5	3	1	9
6	Malignant neoplasm of prostate (C61)	M	22	3	44	37	5	111
		T	22	3	44	37	5	111
7	Other malignant neoplasms of male genital organs (C60, C62-C63)	M	1	1	4	5	0	11
		T	1	1	4	5	0	11
8	Malignant neoplasm of bladder (C67)	M	12	1	15	19	4	51
		F	6	0	2	2	0	10
		T	18	1	17	21	4	61
9	Other malignant neoplasms of urinary tract (C64-C66, C68)	M	5	3	21	10	4	43
		F	2	1	4	0	1	8
		T	7	4	25	10	5	51
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	M	9	7	10	26	2	54
		F	5	2	11	16	2	36
		T	14	9	21	42	4	90
1	Malignant neoplasm of eye & adnexa (C69)	M	0	0	1	1	0	2
		F	0	0	0	0	0	0
		T	0	0	1	1	0	2
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	9	7	9	25	2	52
		F	5	2	11	16	2	36
		T	14	9	20	41	4	88
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	14	5	34	52	10	115
		F	8	2	22	43	8	83
		T	22	7	56	95	18	198



M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
1	Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites (C73-C80 & C97)	M	14	5	34	52	10	115
		F	8	2	22	43	8	83
		T	22	7	56	95	18	198
15	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	80	12	130	134	28	384
		F	52	8	81	111	15	267
		T	132	20	211	245	43	651
1	Hodgkin's disease (C81)	M	12	0	5	5	0	22
		F	5	0	1	2	0	8
		T	17	0	6	7	0	30
2	Non-Hodgkin's lymphoma (C82-C85)	M	21	3	38	39	14	115
		F	8	3	23	20	6	60
		T	29	6	61	59	20	175
3	Multiple myeloma and malignant plasma cell neoplasms (C90)	M	15	4	28	21	4	72
		F	13	0	16	29	7	65
		T	28	4	44	50	11	137
4	Leukaemia (C91-C95)	M	32	5	58	66	10	171
		F	26	5	41	58	2	132
		T	58	10	99	124	12	303
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	M	0	0	1	3	0	4
		F	0	0	0	2	0	2
		T	0	0	1	5	0	6
16	Carcinoma in situ (D00-D09)	M	0	0	0	0	0	0
		F	2	0	0	0	0	2
		T	2	0	0	0	0	2
1	Carcinoma in situ (D00-D09)	M	0	0	0	0	0	0
		F	2	0	0	0	0	2
		T	2	0	0	0	0	2
17	Benign neoplasms (D10-D36)	M	1	0	16	4	6	27
		F	3	0	17	8	9	37
		T	4	0	33	12	15	64
1	Leiomyoma of uterus (D25)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	All other benign neoplasms (D10-D24 & D26-D36)	M	1	0	16	4	6	27
		F	3	0	17	8	9	37
		T	4	0	33	12	15	64
18	Other and unspecified neoplasm (D37-D48)	M	1	0	9	3	0	13
		F	0	0	6	9	2	17
		T	1	0	15	12	2	30
1	Other and unspecified neoplasm (D37-D48)	M	1	0	9	3	0	13
		F	0	0	6	9	2	17
		T	1	0	15	12	2	30

M.G/ CAT. /S.C	CAUSE OF DEATH	AGE	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
III.	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	M	23	3	59	49	18	152
		F	30	8	64	57	19	178
		T	53	11	123	106	37	330
19	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	M	23	3	59	49	18	152
		F	30	8	64	57	19	178
		T	53	11	123	106	37	330
1	Thalassaemia (D56)	M	0	0	0	1	0	1
		F	0	0	0	1	0	1
		T	0	0	0	2	0	2
2	Other anaemias (D50-D55, D57-D64)	M	21	3	39	27	14	104
		F	26	8	54	33	18	139
		T	47	11	93	60	32	243
3	All other diseases of blood and blood-forming organs (D65-D76)	M	2	0	16	17	2	37
		F	3	0	9	22	1	35
		T	5	0	25	39	3	72
4	Certain disorders involving the immune mechanism (D80-D89)	M	0	0	4	4	2	10
		F	1	0	1	1	0	3
		T	1	0	5	5	2	13
IV.	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES (E00-E89)	M	101	43	319	854	91	1408
		F	110	34	232	627	85	1088
		T	211	77	551	1481	176	2496
20	Malnutrition (E40-E46)	M	0	0	0	2	0	2
		F	0	0	0	8	0	8
		T	0	0	0	10	0	10
1	Kwashiorkor (E40)	M	0	0	0	1	0	1
		F	0	0	0	1	0	1
		T	0	0	0	2	0	2
2	Nutritional marasmus (E41)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Other protein-energy malnutrition (E42-E46)	M	0	0	0	1	0	1
		F	0	0	0	7	0	7
		T	0	0	0	8	0	8
21	Endocrine, other nutritional and metabolic diseases (E00-E34 & E50-E89)	M	101	43	319	852	91	1406
		F	110	34	232	619	85	1080
		T	211	77	551	1471	176	2486
1	Disorders of thyroid gland (E00-E07)	M	1	0	0	2	0	3
		F	0	0	1	6	0	7
		T	1	0	1	8	0	10
2	Diabetes mellitus (E10-E14)	M	67	32	266	828	55	1248
		F	75	24	198	574	43	914
		T	142	56	464	1402	98	2162

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
3	All other nutritional deficiencies (E50-E64)	M	0	0	0	6	0	6
		F	1	0	0	4	0	5
		T	1	0	0	10	0	11
4	All other endocrine and metabolic diseases (E15-E34 & E65-E89)	M	33	11	53	16	36	149
		F	34	10	33	35	42	154
		T	67	21	86	51	78	303
V.	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	10	0	0	10	0	20
		F	0	0	0	4	0	4
		T	10	0	0	14	0	24
22	Mental and behavioural disorders (F01-F99)	M	10	0	0	10	0	20
		F	0	0	0	4	0	4
		T	10	0	0	14	0	24
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	9	0	0	3	0	12
		F	0	0	0	0	0	0
		T	9	0	0	3	0	12
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	M	0	0	0	4	0	4
		F	0	0	0	0	0	0
		T	0	0	0	4	0	4
3	All other mental and behavioural disorders (F01-F09, F30-F99)	M	1	0	0	3	0	4
		F	0	0	0	4	0	4
		T	1	0	0	7	0	8
VI.	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	M	80	14	23	137	5	259
		F	47	3	9	126	13	198
		T	127	17	32	263	18	457
23	Inflammatory diseases of the central nervous system (G00-G09)	M	55	4	9	28	3	99
		F	24	1	3	16	7	51
		T	79	5	12	44	10	150
1	Meningitis (G00 & G03)	M	23	4	1	14	1	43
		F	13	1	1	4	2	21
		T	36	5	2	18	3	64
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	32	0	8	14	2	56
		F	11	0	1	10	4	26
		T	43	0	9	24	6	82
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	0	0	0	0	0	0
		F	0	0	1	2	1	4
		T	0	0	1	2	1	4
24	Other diseases of the nervous system (G10-G98)	M	25	10	14	109	2	160
		F	23	2	6	110	6	147
		T	48	12	20	219	8	307
1	Alzheimer's disease (G30)	M	0	2	0	0	0	2
		F	2	0	0	0	0	2
		T	2	2	0	0	0	4

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
2	Epilepsy (G40-G41)	M	4	2	0	10	0	16
		F	3	0	0	11	1	15
		T	7	2	0	21	1	31
3	All other diseases of the nervous system (G10-G25, G31, G35-G37, G43-G98)	M	21	6	14	99	2	142
		F	18	2	6	99	5	130
		T	39	8	20	198	7	272
VII.	DISEASES OF THE EYE AND ADNEXA (H00-H59)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
25	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
1	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
VIII.	DISEASES OF THE EAR AND MASTOID PROCESS (H60-H95)	M	1	0	0	1	0	2
		F	0	0	0	0	0	0
		T	1	0	0	1	0	2
26	Diseases of the ear and mastoid process (H60-H93)	M	1	0	0	1	0	2
		F	0	0	0	0	0	0
		T	1	0	0	1	0	2
1	Diseases of the ear and mastoid process (H60-H93)	M	1	0	0	1	0	2
		F	0	0	0	0	0	0
		T	1	0	0	1	0	2
IX.	DISEASES OF THE CIRCULATORY SYSTEM (I00-I99)	M	1189	463	1094	1651	544	4941
		F	871	307	683	1271	403	3535
		T	2060	770	1777	2922	947	8476
27	Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	M	15	9	6	16	0	46
		F	30	7	6	44	3	90
		T	45	16	12	60	3	136
1	Acute rheumatic fever (I00-I02)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Chronic rheumatic heart diseases (I05-I09)	M	15	9	6	16	0	46
		F	30	7	6	44	3	90
		T	45	16	12	60	3	136
28	Hypertensive diseases (I10-I15)	M	37	16	98	311	17	479
		F	36	15	81	219	22	373
		T	73	31	179	530	39	852
1	Hypertensive heart disease (I11)	M	9	8	0	245	0	262
		F	13	7	0	190	1	211
		T	22	15	0	435	1	473

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
2	All other hypertensive diseases (I10, I12-I15)	M	28	8	98	66	17	217
		F	23	8	81	29	21	162
		T	51	16	179	95	38	379
29	Ischaemic heart diseases (I20-I25)	M	459	204	490	583	246	1982
		F	295	133	300	324	157	1209
		T	754	337	790	907	403	3191
1	Acute myocardial infarction (I21-I22)	M	391	154	137	71	41	794
		F	255	106	94	32	30	517
		T	646	260	231	103	71	1311
2	All other ischaemic heart diseases (I20 & I23-I25)	M	68	50	353	512	205	1188
		F	40	27	206	292	127	692
		T	108	77	559	804	332	1880
30	Diseases of pulmonary circulation and other forms of heart disease (I26-I51)	M	144	52	288	99	71	654
		F	120	24	175	102	59	480
		T	264	76	463	201	130	1134
1	Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	M	4	0	12	13	8	37
		F	14	1	17	24	6	62
		T	18	1	29	37	14	99
2	Other forms of heart diseases (I30-I51)	M	140	52	276	86	63	617
		F	106	23	158	78	53	418
		T	246	75	434	164	116	1035
31	Cerebrovascular diseases (I60-I69)	M	503	168	169	598	202	1640
		F	365	120	95	555	157	1292
		T	868	288	264	1153	359	2932
1	Cerebrovascular diseases (I60-I69)	M	503	168	169	598	202	1640
		F	365	120	95	555	157	1292
		T	868	288	264	1153	359	2932
32	Other diseases of the circulatory system (I70-I99)	M	31	14	43	44	8	140
		F	25	8	26	27	5	91
		T	56	22	69	71	13	231
1	Atherosclerosis (I70)	M	0	0	0	0	1	1
		F	0	0	0	0	0	0
		T	0	0	0	0	1	1
2	Arterial embolism and thrombosis (I74)	M	3	0	2	0	0	5
		F	3	0	0	0	0	3
		T	6	0	2	0	0	8
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-I78)	M	28	14	24	34	6	106
		F	20	8	6	18	2	54
		T	48	22	30	52	8	160
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis (I80-I82)	M	0	0	2	7	0	9
		F	1	0	4	6	0	11
		T	1	0	6	13	0	20

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
5	All other diseases of the circulatory system (I83-I99)	M	0	0	15	3	1	19
		F	1	0	16	3	3	23
		T	1	0	31	6	4	42
X.	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	500	192	312	700	217	1921
		F	291	117	170	328	95	1001
		T	791	309	482	1028	312	2922
33	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
		T	1	0	0	0	0	1
1	Acute pharyngitis and acute tonsillitis (J02-J03)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Acute laryngitis and tracheitis (J04)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Other acute upper respiratory infections (J00-J01 & J05-J06)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	All other diseases of upper respiratory tract (J30-J39)	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
		T	1	0	0	0	0	1
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	394	174	207	587	148	1510
		F	210	108	87	230	57	692
		T	604	282	294	817	205	2202
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	2	0	0	0	0	2
		F	1	0	0	0	0	1
		T	3	0	0	0	0	3
2	Bronchitis, chronic and unspecified, emphysema (J40-J43)	M	0	0	0	1	0	1
		F	1	0	0	0	0	1
		T	1	0	0	1	0	2
3	Asthma (J45-J46)	M	21	11	1	4	2	39
		F	26	8	4	24	1	63
		T	47	19	5	28	3	102
4	Other lower respiratory disorders (J22, J44 & J47)	M	371	163	206	582	146	1468
		F	182	100	83	206	56	627
		T	553	263	289	788	202	2095
35	Other diseases of the respiratory system (J10-J18, J60-J98)	M	105	18	105	113	69	410
		F	81	9	83	98	38	309
		T	186	27	188	211	107	719
1	Influenza (J10-J11)	M	0	0	0	1	0	1
		F	0	0	0	0	0	0
		T	0	0	0	1	0	1

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
2	Pneumonia (J12-J18)	M	42	8	94	35	46	225
		F	31	4	67	29	21	152
		T	73	12	161	64	67	377
3	Pleurisy (J90)	M	1	0	0	5	0	6
		F	2	0	0	9	2	13
		T	3	0	0	14	2	19
4	All other diseases of the respiratory system (J60-J86, J92-J98.)	M	62	10	11	72	23	178
		F	48	5	16	60	15	144
		T	110	15	27	132	38	322
XI.	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	479	93	576	587	131	1866
		F	123	14	154	192	36	519
		T	602	107	730	779	167	2385
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	1	0	0	1
		F	0	0	1	1	0	2
		T	0	0	2	1	0	3
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	1	0	0	1
		F	0	0	1	1	0	2
		T	0	0	2	1	0	3
37	Diseases of the other parts of digestive system (K20-K92)	M	479	93	575	587	131	1865
		F	123	14	153	191	36	517
		T	602	107	728	778	167	2382
1	Gastric and duodenal ulcer (K25-K27)	M	0	1	0	3	0	4
		F	0	0	0	3	0	3
		T	0	1	0	6	0	7
2	Gastritis and duodenitis (K29)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Diseases of appendix (K35-K38)	M	0	0	0	0	0	0
		F	0	0	0	2	0	2
		T	0	0	0	2	0	2
4	Hernia (K40-K46)	M	2	0	0	7	0	9
		F	2	0	1	5	0	8
		T	4	0	1	12	0	17
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	7	2	5	21	3	38
		F	7	0	0	18	1	26
		T	14	2	5	39	4	64
6	Peritonitis (K65)	M	27	0	5	4	2	38
		F	13	1	3	0	2	19
		T	40	1	8	4	4	57
7	Diseases of the liver (K70-K76)	M	381	83	523	469	108	1564
		F	80	13	123	117	18	351
		T	461	96	646	586	126	1915

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Typrn	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
8	Cholelithiasis and cholecystitis (K80-K81)	M	0	1	0	6	0	7
		F	0	0	1	7	0	8
		T	0	1	1	13	0	15
9	Disorders of the pancreas	M	18	1	17	21	1	58
		F	1	0	3	4	0	8
		T	19	1	20	25	1	66
10	All other diseases of the other parts of digestive system (K20-K22, K28, K30-K31, K50-K55, K57-K63, K66, K82-K83 & K90-K92)	M	44	5	25	56	17	147
		F	20	0	22	35	15	92
		T	64	5	47	91	32	239
XII.	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (L00-L98)	M	33	8	0	29	0	70
		F	21	0	0	26	0	47
		T	54	8	0	55	0	117
38	Diseases of the skin and subcutaneous tissue (L00-L98)	M	33	8	0	29	0	70
		F	21	0	0	26	0	47
		T	54	8	0	55	0	117
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	28	7	0	24	0	59
		F	12	0	0	14	0	26
		T	40	7	0	38	0	85
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	5	1	0	5	0	11
		F	9	0	0	12	0	21
		T	14	1	0	17	0	32
XIII.	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	M	17	1	2	24	0	44
		F	32	2	15	45	3	97
		T	49	3	17	69	3	141
39	Diseases of the musculoskeletal system and connective tissue (M00-M99)	M	17	1	2	24	0	44
		F	32	2	15	45	3	97
		T	49	3	17	69	3	141
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)	M	2	1	0	3	0	6
		F	2	1	0	5	0	8
		T	4	2	0	8	0	14
2	Osteomyelitis (M86)	M	1	0	0	0	0	1
		F	0	0	0	1	0	1
		T	1	0	0	1	0	2
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02, M15-M85, M87-M99)	M	14	0	2	21	0	37
		F	30	1	15	39	3	88
		T	44	1	17	60	3	125
XIV.	DISEASES OF THE GENITOURINARY SYSTEM (N00-N99)	M	201	104	161	255	178	899
		F	145	71	94	175	106	591
		T	346	175	255	430	284	1490
40	Diseases of urinary system (N00-N39)	M	198	104	158	247	177	884
		F	143	71	94	175	106	589
		T	341	175	252	422	283	1473



M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
1	Glomerular diseases (including Nephritic Synodrome) (N00-N07)	M	3	1	39	196	0	239
		F	3	0	31	119	0	153
		T	6	1	70	315	0	392
2	Renal tubulo-interstitial diseases (N10-N15)	M	53	1	5	4	1	64
		F	24	0	1	9	0	34
		T	77	1	6	13	1	98
3	Renal failure (N17-N19)	M	81	54	112	14	175	436
		F	40	40	61	5	105	251
		T	121	94	173	19	280	687
4	Urolithiasis (N20-N23)	M	4	0	0	2	0	6
		F	3	0	1	1	0	5
		T	7	0	1	3	0	11
5	Other disorders of kidney and ureter (N25-N28)	M	5	44	1	2	1	53
		F	6	27	0	0	0	33
		T	11	71	1	2	1	86
6	All other diseases of urinary system (N30-N39)	M	52	4	1	29	0	86
		F	67	4	0	41	1	113
		T	119	8	1	70	1	199
41	Other diseases of the genitourinary system (N40-N99)	M	3	0	3	8	1	15
		F	2	0	0	0	0	2
		T	5	0	3	8	1	17
1	Hyperplasia of prostate (N40)	M	0	0	2	5	1	8
		T	0	0	2	5	1	8
2	All other diseases of male genital organs (N41-N50)	M	3	0	1	3	0	7
		T	3	0	1	3	0	7
3	Salpingitis and oophoritis (N70)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	All other diseases of female genital organs (N60-N64 & N71-N99)	F	2	0	0	0	0	2
		T	2	0	0	0	0	2
XV.	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	F	5	0	0	14	0	19
		T	5	0	0	14	0	19
42	Pregnancy with abortive outcome (O00-O08)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
1	Spontaneous abortion (O03)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Medical abortion (O04)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Other pregnancies with abortive outcome (O00-O02 & O05-O08)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
43	Other direct obstetric deaths (O10-O92)	F	5	0	0	13	0	18
		T	5	0	0	13	0	18

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
1	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium (O10-O16)	F	3	0	0	6	0	9
		T	3	0	0	6	0	9
2	Infections of genitourinary tract in pregnancy (O23)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Obstructed labour (O64-O66)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	Complications pre-dominantly related to the puerperium (O85-O92)	F	2	0	0	5	0	7
		T	2	0	0	5	0	7
5	Other complications of pregnancy and delivery (O20-O22, O24-O63 & O67-O84)	F	0	0	0	2	0	2
		T	0	0	0	2	0	2
44	Other obstetric conditions, not elsewhere classified (O95-O99)	F	0	0	0	1	0	1
		T	0	0	0	1	0	1
1	Indirect obstetric deaths (O98-O99)	F	0	0	0	1	0	1
		T	0	0	0	1	0	1
2	All other obstetric conditions, not elsewhere classified (O95-O97)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
XVI.	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	M	206	12	51	223	20	512
		F	148	3	51	168	16	386
		T	354	15	102	391	36	898
45	Certain conditions originating in the perinatal period (P00-P96)	M	206	12	51	223	20	512
		F	148	3	51	168	16	386
		T	354	15	102	391	36	898
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	72	9	22	96	9	208
		F	54	1	18	58	8	139
		T	126	10	40	154	17	347
2	Birth trauma (P10-P15)	M	0	0	0	0	0	0
		F	1	1	0	0	0	2
		T	1	1	0	0	0	2
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	58	2	13	57	10	140
		F	44	1	13	39	6	103
		T	102	3	26	96	16	243
4	Haemolytic disease of fetus and new-born (P55)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
5	Other perinatal jaundice (P58-P59)	M	2	0	0	4	0	6
		F	0	0	0	6	0	6
		T	2	0	0	10	0	12
6	All other conditions originating in the perinatal period (P00-P04, P08, P29-P54, P56-P57, P60-P96.)	M	74	1	16	66	1	158
		F	49	0	20	65	2	136
		T	123	1	36	131	3	294

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
XVII.	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES (Q00-Q99)	M	1	0	34	167	5	207
		F	3	2	29	127	8	169
		<b>T</b>	<b>4</b>	<b>2</b>	<b>63</b>	<b>294</b>	<b>13</b>	<b>376</b>
46	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	M	1	0	34	167	5	207
		F	3	2	29	127	8	169
		<b>T</b>	<b>4</b>	<b>2</b>	<b>63</b>	<b>294</b>	<b>13</b>	<b>376</b>
1	Spina bifida (Q05)	M	0	0	0	2	0	2
		F	0	0	0	4	0	4
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>6</b>
2	Congenital malformations of the circulatory system (Q20-Q28)	M	0	0	21	75	2	98
		F	1	0	16	74	6	97
		<b>T</b>	<b>1</b>	<b>0</b>	<b>37</b>	<b>149</b>	<b>8</b>	<b>195</b>
3	Cleft lip and cleft palate (Q35-Q37)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4	All other congenital malformations, deformations and chromosomal abnormalities, not elsewhere classified (Q00-Q04, Q06-Q18, Q30-Q34 & Q38-Q99)	M	1	0	13	90	3	107
		F	2	2	13	49	2	68
		<b>T</b>	<b>3</b>	<b>2</b>	<b>26</b>	<b>139</b>	<b>5</b>	<b>175</b>
XVIII.	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R00-R99)	M	33	18	113	67	163	394
		F	20	22	63	24	58	187
		<b>T</b>	<b>53</b>	<b>40</b>	<b>176</b>	<b>91</b>	<b>221</b>	<b>581</b>
47	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	M	33	18	113	67	163	394
		F	20	22	63	24	58	187
		<b>T</b>	<b>53</b>	<b>40</b>	<b>176</b>	<b>91</b>	<b>221</b>	<b>581</b>
1	Abdominal and pelvic pain (R10)	M	0	2	0	0	0	2
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
2	Ascites (R18)	M	0	1	0	0	0	1
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
3	Somnolence, stupor and coma (R40)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4	Fever of unknown origin (R50)	M	11	0	0	0	0	11
		F	3	0	0	0	0	3
		<b>T</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>
5	Senility (R54)	M	1	5	0	1	0	7
		F	2	11	0	2	0	15
		<b>T</b>	<b>3</b>	<b>16</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>22</b>

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
6	Syncope and collapse (R55)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
7	Convulsions, not elsewhere classified (R56)	M	0	0	0	4	0	4
		F	0	0	0	0	0	0
		T	0	0	0	4	0	4
8	Shock, not elsewhere classified (R57)	M	19	10	1	0	0	30
		F	12	11	1	0	1	25
		T	31	21	2	0	1	55
9	All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R09, R11-R17, R19-R39, R41-R49, R51-R53, R58-R99)	M	2	0	112	62	163	339
		F	3	0	62	22	57	144
		T	5	0	174	84	220	483
XIX.	INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES (S00-T98)	M	245	22	157	526	18	968
		F	110	4	85	218	8	425
		T	355	26	242	744	26	1393
48	Fractures (S02, S12, S22, S32, S42, S52, S62, S72, S82, S92, T02, T08, T10 & T12)	M	34	12	0	15	0	61
		F	24	2	0	2	0	28
		T	58	14	0	17	0	89
1	Fracture of skull and facial bones (S02)	M	31	8	0	0	0	39
		F	11	1	0	0	0	12
		T	42	9	0	0	0	51
2	Fracture of neck, thorax or pelvis (S12, S22, S32 & T08)	M	2	0	0	1	0	3
		F	0	0	0	1	0	1
		T	2	0	0	2	0	4
3	Fracture of upper limb (S42, S52, S62 & T10)	M	0	0	0	0	0	0
		F	1	0	0	0	0	1
		T	1	0	0	0	0	1
4	Fractures of lower limb (S72, S82, S92 & T12)	M	1	1	0	0	0	2
		F	12	0	0	0	0	12
		T	13	1	0	0	0	14
5	Fractures involving multiple body regions, and of unspecified body region (T02)	M	0	3	0	14	0	17
		F	0	1	0	1	0	2
		T	0	4	0	15	0	19
49	Dislocations, sprains and strains of specified and multiple body regions (S03, S13, S23, S33, S43, S53, S63, S73, S83, S93, T03)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
50	Intracranial and internal injuries, including nerves (S04, S06, S14, S24, S26-S27, S34, S36-S37, S44, S54, S64, S74, S84 & S94)	M	32	0	9	123	0	164
		F	5	0	2	22	0	29
		T	37	0	11	145	0	193

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
51	Crushing injuries and traumatic amputations of specified and multiple body regions (S07-S08, S17-S18, S28, S38, S47-S48, S57-S58, S67-S68, S77-S78, S87-S88, S97-S98, T04-T05)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
52	Other injuries of specified, unspecified and multiple body regions (S00-S01, S05, S09-S11, S15-S16, S19-S21, S25, S29-S31, S35, S39-S41, S45-S46, S49-S51, S55-S56, S59-S61, S65-S66, S69-S71, S75-S76, S79-S81, S85-S86, S89-S91, S95-S96, S99, T00-T01, T06-T07, T09, T11, T13-T14)	M	100	1	127	224	10	462
		F	26	0	24	58	3	111
		<b>T</b>	<b>126</b>	<b>1</b>	<b>151</b>	<b>282</b>	<b>13</b>	<b>573</b>
53	Effects of foreign body entering through natural orifice (T15-T19)	M	0	0	0	2	0	2
		F	0	0	0	1	0	1
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>
54	Burns and Corrosions (T20-T32)	M	11	1	13	35	2	62
		F	24	1	45	82	1	153
		<b>T</b>	<b>35</b>	<b>2</b>	<b>58</b>	<b>117</b>	<b>3</b>	<b>215</b>
55	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	64	8	7	62	5	146
		F	28	1	11	28	2	70
		<b>T</b>	<b>92</b>	<b>9</b>	<b>18</b>	<b>90</b>	<b>7</b>	<b>216</b>
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35, T66-T79)	M	3	0	1	25	1	30
		F	3	0	3	8	2	16
		<b>T</b>	<b>6</b>	<b>0</b>	<b>4</b>	<b>33</b>	<b>3</b>	<b>46</b>
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	1	0	0	31	0	32
		F	0	0	0	16	0	16
		<b>T</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>48</b>
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	0	0	0	9	0	9
		F	0	0	0	1	0	1
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>
XX.	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (V01-Y89)	M	99	22	165	527	18	831
		F	54	4	82	219	8	367
		<b>T</b>	<b>153</b>	<b>26</b>	<b>247</b>	<b>746</b>	<b>26</b>	<b>1198</b>
E48	Transport accidents (V01-V99)	M	35	12	127	338	7	519
		F	15	2	26	68	1	112
		<b>T</b>	<b>50</b>	<b>14</b>	<b>153</b>	<b>406</b>	<b>8</b>	<b>631</b>
1	Railway accidents (V05, V15, V80.6, V81, V82.2, V87.6 & V88.6)	M	0	3	0	2	0	5
		F	0	1	0	0	0	1
		<b>T</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>
2	Motor vehicle traffic accidents (V02-V04, V09.2-V09.3, V12-V14, V19.4-V19.6, V19.9, V20-V28, V29.4-V29.6, V29.9, V30-V38, V39.4-V39.6, V39.9, V40-V48, V49.4-V49.6, V49.9, V50-V58, V59.4-V59.6, V59.9, V60-V68, V69.4-V69.6, V69.9, V70-V78, V79.4-V79.6, V79.9, V80.3-V80.5, V82.	M	33	8	126	336	7	510
		F	12	1	26	68	1	108
		<b>T</b>	<b>45</b>	<b>9</b>	<b>152</b>	<b>404</b>	<b>8</b>	<b>618</b>

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
3	Other road vehicle accidents (V01, V06, V09.9, V10-V11, V16-V18, V19.8, V29.8, V39.8, V49.8, V59.8, V69.8, V79.8, V80.0-V80.2, V80.7-V80.9, V82.3-V82.7, V82.9 & V89.1)	M	2	1	0	0	0	3
		F	3	0	0	0	0	3
		T	5	1	0	0	0	6
4	Water transport accidents (V90-V94)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
5	Air & Space transport accidents (V95-V97)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
6	All other transport accidents (V09.0-V09.1, V19.0-V19.3, V29.0-V29.3, V39.0-V39.3, V49.0-V49.3, V59.0-V59.3, V69.0-V69.3, V79.0-V79.3, V82.0, V82.8, V83-V86, V88.0-V88.5, V88.7-V88.9, V89.0, V89.9, V98-V99)	M	0	0	1	0	0	1
		F	0	0	0	0	0	0
		T	0	0	1	0	0	1
E49	Accidental Falls (W00-W19)	M	2	1	15	29	3	50
		F	0	0	1	13	2	16
		T	2	1	16	42	5	66
E50	Accidental drowning and submersion (W65-W74)	M	1	0	0	9	0	10
		F	0	0	0	0	1	1
		T	1	0	0	9	1	11
E51	Exposure to smoke, fire and flames (X00-X09)	M	2	1	13	31	2	49
		F	0	1	43	81	1	126
		T	2	2	56	112	3	175
E52	Accidental poisoning by and exposure to noxious substances (X40-X49)	M	3	0	3	0	0	6
		F	2	0	4	0	0	6
		T	5	0	7	0	0	12
E53	Intentional self-harm (Suicide- attempted) (X60-X84)	M	45	8	1	55	3	112
		F	25	1	3	26	1	56
		T	70	9	4	81	4	168
E54	Assault (Homicide) (X85-Y09)	M	0	0	0	2	0	2
		F	0	0	0	1	0	1
		T	0	0	0	3	0	3
E55	Other Violence (Y10-Y36)	M	0	0	0	19	0	19
		F	0	0	0	5	0	5
		T	0	0	0	24	0	24
1	Event of undetermined intent (Y10-Y34)	M	0	0	0	19	0	19
		F	0	0	0	5	0	5
		T	0	0	0	24	0	24
2	Legal intervention (Y35)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
3	Operations of war (Y36)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
E56	Complications of medical and surgical care (Y40-Y84)	M	0	0	0	33	0	33
		F	0	0	0	16	0	16
		T	0	0	0	49	0	49
1	Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	1	0	1
		F	0	0	0	0	0	0
		T	0	0	0	1	0	1
2	Misadventures during surgical & medical care, adverse incidents in diagnostic and therapeutic use, abnormal reactions and late complications (Y60-Y69, Y70-Y82 & Y83-Y84)	M	0	0	0	32	0	32
		F	0	0	0	16	0	16
		T	0	0	0	48	0	48
E57	Other external causes of accidental injury, not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	M	6	0	6	10	3	25
		F	12	0	5	8	2	27
		T	18	0	11	18	5	52
1	Accidents caused by machinery, and by cutting & piercing instruments (W24-W31)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Accidents caused by firearm missile (W32-W34)	M	0	0	0	0	1	1
		F	0	0	0	0	1	1
		T	0	0	0	0	2	2
3	Bites of snakes & other venomous animals (X20-X27)	M	5	0	4	2	0	11
		F	6	0	3	5	0	14
		T	11	0	7	7	0	25
4	Sun stroke (X32)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
5	All other accidents including late effects (W20-W23, W35-W64, W75-W99, X10-X19, X28-X31, X33-X39 & X50-X59)	M	1	0	2	8	2	13
		F	6	0	2	3	1	12
		T	7	0	4	11	3	25
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	5	0	0	1	0	6
		F	0	0	0	1	0	1
		T	5	0	0	2	0	7
	<b>ALL CAUSES (MAJOR GROUP I to XIX)</b>	M	<b>3835</b>	<b>1129</b>	<b>3924</b>	<b>6570</b>	<b>1702</b>	<b>17160</b>
		F	<b>2370</b>	<b>696</b>	<b>2211</b>	<b>4164</b>	<b>1017</b>	<b>10458</b>
		T	<b>6205</b>	<b>1825</b>	<b>6135</b>	<b>10734</b>	<b>2719</b>	<b>27618</b>
	<b>ALL CAUSES (MAJOR GROUP I to XX)</b>	M	<b>3934</b>	<b>1151</b>	<b>4089</b>	<b>7097</b>	<b>1720</b>	<b>17991</b>
		F	<b>2424</b>	<b>700</b>	<b>2293</b>	<b>4383</b>	<b>1025</b>	<b>10825</b>
		T	<b>6358</b>	<b>1851</b>	<b>6382</b>	<b>11480</b>	<b>2745</b>	<b>28816</b>

**TABLE - CAUSE OF DEATH UNDER MAJOR CAUSE GROUP FOR ALL CENTERS**

M.B./CA T./S.C	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+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
I.	Certain infectious and parasitic diseases (a00-b99)	M	1	6	8	20	52	70	127	189	112	144	0	729
		F	3	6	5	14	22	45	79	65	33	113	0	385
		T	4	12	13	34	74	115	206	254	145	257	0	1114
II.	Neoplasms (c00-d48)	M	1	7	30	40	54	134	385	856	514	741	6	2768
		F	1	8	16	22	52	165	386	390	206	382	1	1629
		T	2	15	46	62	106	299	771	1246	720	1123	7	4397
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (d50-d89)	M	5	2	3	7	7	9	22	35	10	51	1	152
		F	3	4	4	9	5	12	16	19	14	91	1	178
		T	8	6	7	16	12	21	38	54	24	142	2	330
IV.	Endocrine, nutritional and metabolic diseases (e00-e89)	M	7	0	1	3	18	45	176	360	234	564	0	1408
		F	8	4	3	4	10	27	121	251	159	501	0	1088
		T	15	4	4	7	28	72	297	611	393	1065	0	2496
V.	Mental and behavioural disorders (f01- f99)	M	0	0	0	0	2	2	4	5	1	6	0	20
		F	0	0	0	0	0	0	0	1	0	3	0	4
		T	0	0	0	0	2	2	4	6	1	9	0	24



M.G/CA T./S.C	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+	N.S.	
VI.	Diseases of the nervous system ( g00-g98)	M	13	10	8	17	9	19	39	50	28	66	0	259
		F	4	7	12	6	14	6	19	30	12	88	0	198
		T	17	17	20	23	23	25	58	80	40	154	0	457
VII.	Diseases of the eye and adnexa (h00-h59)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
VIII.	Diseases of the ear and mastoid process (h60-h95)	M	0	0	0	0	0	0	0	0	1	1	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
IX.	Diseases of the circulatory system ( i00-i99)	M	0	2	11	23	59	173	682	1230	849	1900	12	4941
		F	3	5	13	16	44	96	328	621	539	1870	0	3535
		T	3	7	24	39	103	269	1010	1851	1388	3770	12	8476
X.	Diseases of the respiratory system (j00-j98)	M	5	16	16	8	16	29	150	415	371	894	1	1921
		F	4	9	7	8	10	25	73	187	160	518	0	1001
		T	9	25	23	16	26	54	223	602	531	1412	1	2922
XI.	Diseases of the digestive system (k00-k92)	M	1	4	3	22	54	259	474	542	251	256	0	1866
		F	4	1	1	12	23	43	66	103	82	184	0	519
		T	5	5	4	34	77	302	540	645	333	440	0	2385
XII.	Diseases of the skin and subcutaneous tissue (l00-l98)	M	1	0	1	0	1	3	11	23	8	21	1	70
		F	0	0	1	2	0	3	7	8	4	22	0	47
		T	1	0	2	2	1	6	18	31	12	43	1	117
XIII.	Diseases of the musculoskeletal system and connective tissue ( m00-m99)	M	0	0	3	3	4	3	4	10	5	12	0	44
		F	0	1	4	12	16	13	13	11	11	16	0	97
		T	0	1	7	15	20	16	17	21	16	28	0	141
XIV.	Diseases of the genitourinary system ( n00-n99)	M	2	1	10	9	20	43	131	197	149	337	0	899
		F	1	0	3	8	20	24	72	135	98	230	0	591
		T	3	1	13	17	40	67	203	332	247	567	0	1490

M.G/CA I./S.C	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+	N.S.	
XV.	Pregnancy, childbirth and the puerperium ( o00-o99)	F	0	0	0	5	8	5	1	0	0	0	0	19
		T	0	0	0	5	8	5	1	0	0	0	0	19
XVI.	Certain conditions originating in the perinatal period ( p00-p96)	M	512	0	0	0	0	0	0	0	0	0	0	512
		F	386	0	0	0	0	0	0	0	0	0	0	386
		T	898	0	0	0	0	0	0	0	0	0	0	898
XVII.	Congenital malformations, deformations and chromosomal abnormalities ( q00-q99)	M	171	14	13	2	6	1	0	0	0	0	0	207
		F	142	15	5	3	2	0	1	0	0	1	0	169
		T	313	29	18	5	8	1	1	0	0	1	0	376
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified ( r00-r99)	M	5	5	6	28	35	44	69	80	40	82	0	394
		F	4	5	5	14	4	15	21	35	14	70	0	187
		T	9	10	11	42	39	59	90	115	54	152	0	581
XIX.	Injury, poisoning and certain other consequences of external causes ( s00-t98)	M	1	12	21	125	130	135	174	174	68	128	0	968
		F	5	5	18	53	68	52	57	65	31	71	0	425
		T	6	17	39	178	198	187	231	239	99	199	0	1393
XX.	External causes of morbidity and mortality ( v01-y89)	M	1	10	19	114	110	117	164	131	56	109	0	831
		F	3	8	14	53	55	46	50	65	25	48	0	367
		T	4	18	33	167	165	163	214	196	81	157	0	1198
	ALL CAUSES ( MAJOR GROUP I to XIX)	M	725	79	134	307	467	969	2448	4166	2641	5203	21	17160
		F	568	70	97	188	298	531	1260	1921	1363	4160	2	10458
		T	1293	149	231	495	765	1500	3708	6087	4004	9363	23	27618
	ALL CAUSES ( MAJOR GROUP I to XX)	M	726	89	153	421	577	1086	2612	4297	2697	5312	21	17991
		F	571	78	111	241	353	577	1310	1986	1388	4208	2	10825
		T	1297	167	264	662	930	1663	3922	6283	4085	9520	23	28816

**TABLE - CAUSE OF DEATH BY AGE AND SEX  
ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD FOR ALL CENTERS**

M.G/ CAT./ S.C	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+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES (A00-B99)	M	1	6	8	20	52	70	127	189	112	144	0	729
		F	3	6	5	14	22	45	79	65	33	113	0	385
		T	4	12	13	34	74	115	206	254	145	257	0	1114
		M	0	0	1	1	3	1	3	8	2	9	0	28
1	Intestinal infectious diseases (A00-A09)	F	3	3	0	2	1	3	5	4	3	17	0	41
		T	3	3	1	3	4	4	8	12	5	26	0	69
		M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	1	0	2	0	0	0	0	0	0	0	3
1	Cholera (A00)	T	0	1	0	2	0	0	0	0	0	0	0	3
		M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Typhoid fever and paratyphoid fevers (A01)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0
3	Food poisoning (A02, A05)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
4	Shigellosis (A03)	T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
5	Amoebiasis (A06)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0
6	Diarrhoea and gastroenteritis of presumed infectious origin (A09)	M	0	0	1	1	3	1	2	8	2	9	0	27



M.G/ CAT./ S.C	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+	N.S.		
			4	5	6	7	8	9	10	11	12	13	14	15	
1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Other tetanus (A34-A35)	M	0	0	0	1	0	0	0	0	0	0	0	1	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	1	0	0	0	0	0	0	0	0	1
5	Diphtheria (A36)	M	0	0	1	1	1	1	0	0	0	0	0	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	1	1	1	0	0	0	0	0	0	0	3
6	Whooping cough (A37)	M	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Meningococcal infection (A39)	M	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Septicaemia (A40-A41)	M	1	3	1	4	5	12	24	44	38	49	0	0	181
		F	0	2	1	1	5	11	17	25	9	52	0	0	123
		T	1	5	2	5	10	23	41	69	47	101	0	0	304
9	All other types of bacterial diseases (A21-A28, A31-A32, A38, A42-A49)	M	0	1	3	2	7	10	13	14	5	2	0	0	57
		F	0	1	0	1	0	4	4	5	2	1	0	0	18
		T	0	2	3	3	7	14	17	19	7	3	0	0	75
4	Infections with a predominantly sexual mode of transmission (A50-A64)	M	0	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	1	0	0	0	0	1
		T	0	0	0	0	0	0	0	1	1	0	0	0	2
1	Syphilis (A50-A53)	M	0	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	1	0	0	0	1
2	Other types of infections with a predominantly sexual mode of	M	0	0	0	0	0	0	0	0	0	0	0	0	0

M.G/ CAT./ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	transmission (A54-A64)	F	0	0	0	0	0	0	0	1	0	0	0	1	
		T	0	0	0	0	0	0	0	1	0	0	0	1	
5	Viral diseases (A70-A74 & A80-B34)	M	0	1	2	5	18	26	37	42	14	8	0	153	
		F	0	0	3	6	10	16	23	11	4	12	0	85	
		T	0	1	5	11	28	42	60	53	18	20	0	238	
1	Acute poliomyelitis (A80)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
2	Rabies (A82)	M	0	0	0	0	0	0	0	0	1	0	0	1	
		F	0	0	0	0	2	0	0	0	0	0	0	2	
		T	0	0	0	0	2	0	0	0	1	0	0	3	
3	Japanese encephalitis (A83.0)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
4	Other viral encephalitis (A83.1-A83.9, A84-A86)	M	0	0	0	0	4	0	1	2	1	0	0	8	
		F	0	0	0	0	2	1	1	1	0	0	0	5	
		T	0	0	0	0	6	1	2	3	1	0	0	13	
5	Dengue fever (A90)	M	0	0	2	1	3	0	5	5	1	4	0	21	
		F	0	0	2	0	1	2	3	2	0	4	0	14	
		T	0	0	4	1	4	2	8	7	1	8	0	35	
6	Other arthropod-borne viral fevers and viral haemorrhagic fevers (A91-A94, A96-A99)	M	0	0	0	0	0	0	1	0	0	0	0	1	
		F	0	0	1	2	0	1	0	2	1	3	0	10	
		T	0	0	1	2	0	1	1	2	1	3	0	11	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
7	Smallpox (B03)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
8	Measles (B05)	M	0	0	0	0	1	0	0	0	0	0	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
9	Acute Hepatitis B (B16)	M	0	1	0	1	1	6	11	8	4	2	0	34	
		F	0	0	0	1	1	1	4	3	0	2	0	12	
		<b>T</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>15</b>	<b>11</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>46</b>	
10	Other viral hepatitis (B15, B17-B19)	M	0	0	0	1	3	4	5	14	5	2	0	34	
		F	0	0	0	2	2	1	3	0	3	1	0	12	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>8</b>	<b>14</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>46</b>	
11	Human immunodeficiency virus [HIV] disease (B20-B24)	M	0	0	0	0	4	10	7	6	0	0	0	27	
		F	0	0	0	1	2	4	7	1	0	0	0	15	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>	
12	All other types of viral diseases (A70-A74, A81, A87-A89, A95, B00-B02, B04, B06-B09 & B25-B34)	M	0	0	0	2	2	6	7	7	2	0	0	26	
		F	0	0	0	0	0	6	5	2	0	2	0	15	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>12</b>	<b>12</b>	<b>9</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>41</b>	
13	Protozoal diseases (B50-B64)	M	0	0	0	1	1	1	0	0	0	1	0	4	
		F	0	0	0	0	0	1	1	0	0	1	0	3	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>7</b>	
1	Malaria (B50-B54)	M	0	0	0	1	1	0	0	0	0	1	0	3	
		F	0	0	0	0	0	0	0	0	0	1	0	1	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	
2	All other types of protozoal diseases (B55-B64)	M	0	0	0	0	0	1	0	0	0	0	0	1	
		F	0	0	0	0	0	1	1	0	0	0	0	2	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	

M.G/ CAT./ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
7	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases (A65-A69 & A75-A79, B35-B49, B65-B99)	M	0	0	0	0	2	4	11	21	19	28	0	85	
		F	0	0	0	0	0	2	10	4	4	15	0	35	
		T	0	0	0	0	2	6	21	25	23	43	0	120	
1	Filariasis (B74)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	1	1	0	0	2	
		T	0	0	0	0	0	0	0	1	1	0	0	2	
2	Other helminthiasis (B65-B73, B75, B77-B83)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	1	0	1	
		T	0	0	0	0	0	0	0	0	0	1	0	1	
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M	0	0	0	0	1	0	0	0	1	0	0	2	
		F	0	0	0	0	0	1	3	0	0	0	0	4	
		T	0	0	0	0	1	1	3	0	1	0	0	6	
4	All other infectious & parasitic diseases and late effects of infectious & parasitic diseases (B35-B49, B76, B85-B99)	M	0	0	0	0	1	4	11	21	18	28	0	83	
		F	0	0	0	0	0	1	7	3	3	14	0	28	
		T	0	0	0	0	1	5	18	24	21	42	0	111	
II.	NEOPLASMS (C00-D48)	M	1	7	30	40	54	134	385	856	514	741	6	2768	
		F	1	8	16	22	52	165	386	390	206	382	1	1629	
		T	2	15	46	62	106	299	771	1246	720	1123	7	4397	
8	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	0	0	1	2	10	38	66	39	50	0	206	
		F	0	0	0	0	1	5	6	17	10	21	0	60	
		T	0	0	0	1	3	15	44	83	49	71	0	266	
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	0	0	1	2	10	38	66	39	50	0	206	
		F	0	0	0	0	1	5	6	17	10	21	0	60	
		T	0	0	0	1	3	15	44	83	49	71	0	266	
9	Malignant neoplasms of digestive organs (C15-C26)	M	0	0	1	6	13	44	126	309	179	257	6	941	
		F	0	0	0	1	7	28	93	84	43	131	1	388	
		T	0	0	1	7	20	72	219	393	222	388	7	1329	



M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Malignant neoplasm of oesophagus (C15)	M	0	0	0	0	0	3	19	51	28	36	0	137	
		F	0	0	0	0	1	2	11	11	4	15	0	44	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>30</b>	<b>62</b>	<b>32</b>	<b>51</b>	<b>0</b>	<b>181</b>	
2	Malignant neoplasm of stomach (C16)	M	0	0	0	1	3	13	22	53	40	48	3	183	
		F	0	0	0	1	1	8	25	9	4	10	0	58	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>21</b>	<b>47</b>	<b>62</b>	<b>44</b>	<b>58</b>	<b>3</b>	<b>241</b>	
3	Malignant neoplasm of small intestine including duodenum (C17)	M	0	0	0	1	0	2	2	2	2	1	0	10	
		F	0	0	0	0	0	1	2	1	1	4	0	9	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>19</b>	
4	Malignant neoplasm of colon (C18)	M	0	0	0	2	1	3	20	21	19	35	3	104	
		F	0	0	0	0	0	2	16	18	2	32	1	71	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>36</b>	<b>39</b>	<b>21</b>	<b>67</b>	<b>4</b>	<b>175</b>	
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal (C19-C21)	M	0	0	0	1	1	6	12	25	9	25	0	79	
		F	0	0	0	0	2	4	10	15	8	15	0	54	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>10</b>	<b>22</b>	<b>40</b>	<b>17</b>	<b>40</b>	<b>0</b>	<b>133</b>	
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	0	0	1	1	5	10	25	109	61	70	0	282	
		F	0	0	0	0	2	3	10	14	7	33	0	69	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>13</b>	<b>35</b>	<b>123</b>	<b>68</b>	<b>103</b>	<b>0</b>	<b>351</b>	
7	Malignant neoplasm of pancreas (C25)	M	0	0	0	0	1	4	18	34	12	21	0	90	
		F	0	0	0	0	1	5	12	11	9	13	0	51	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>9</b>	<b>30</b>	<b>45</b>	<b>21</b>	<b>34</b>	<b>0</b>	<b>141</b>	
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	0	0	0	0	2	3	8	14	8	21	0	56	
		F	0	0	0	0	0	3	7	5	8	9	0	32	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>15</b>	<b>19</b>	<b>16</b>	<b>30</b>	<b>0</b>	<b>88</b>	
10	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	M	0	0	0	1	5	17	112	289	146	194	0	764	
		F	0	0	0	0	2	10	23	30	17	26	0	108	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>27</b>	<b>135</b>	<b>319</b>	<b>163</b>	<b>220</b>	<b>0</b>	<b>872</b>	

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL	
			<4	4-5	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Malignant neoplasm of larynx (C32)	M	0	0	0	0	0	1	11	23	11	22	0	68	
		F	0	0	0	0	0	0	1	0	1	2	0	4	
		T	0	0	0	0	0	1	12	23	12	24	0	72	
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	0	0	0	1	3	16	99	260	135	172	0	686	
		F	0	0	0	0	2	9	22	30	15	23	0	101	
		T	0	0	0	1	5	25	121	290	150	195	0	787	
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	0	0	0	0	2	0	2	6	0	0	0	10	
		F	0	0	0	0	0	1	0	0	1	1	0	3	
		T	0	0	0	0	2	1	2	6	1	1	0	13	
II	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	M	0	1	0	4	1	3	8	15	4	12	0	48	
		F	0	0	1	2	12	60	117	97	38	59	0	386	
		T	0	1	1	6	13	63	125	112	42	71	0	434	
1	Malignant neoplasm of bone and articular cartilage (C40-C41)	M	0	0	0	1	0	0	1	7	1	4	0	14	
		F	0	0	1	1	2	0	2	1	0	0	0	7	
		T	0	0	1	2	2	0	3	8	1	4	0	21	
2	Malignant melanoma of skin (C43)	M	0	0	0	0	0	0	1	1	1	1	0	4	
		F	0	0	0	0	0	0	1	2	0	1	0	4	
		T	0	0	0	0	0	0	2	3	1	2	0	8	
3	Other malignant neoplasms of skin (C44)	M	0	0	0	1	0	0	0	1	0	1	0	3	
		F	0	0	0	0	0	0	0	2	0	2	0	4	
		T	0	0	0	1	0	0	0	3	0	3	0	7	
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	M	0	1	0	2	1	3	5	5	0	6	0	23	
		F	0	0	0	1	1	2	3	4	3	7	0	21	
		T	0	1	0	3	2	5	8	9	3	13	0	44	
5	Malignant neoplasm of breast (C50)	M	0	0	0	0	0	0	1	1	2	0	0	4	
		F	0	0	0	0	9	58	111	88	35	49	0	350	
		T	0	0	0	0	9	58	112	89	37	49	0	354	

M.G/ CAT./ S.C	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+	N.S.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
12	Malignant neoplasms of genitourinary organs (C51-C68)	M	0	1	0	2	2	3	16	39	44	109	0	216		
F		0	1	0	1	6	21	57	67	41	51	0	245			
T		0	2	0	3	8	24	73	106	85	160	0	461			
1	Malignant neoplasm of cervix uteri (C53)	F	0	0	0	0	1	4	14	12	17	14	0	62		
T		0	0	0	0	1	4	14	12	17	14	0	62			
2	Malignant neoplasm of other and unspecified parts of uterus (C54-C55)	F	0	0	0	0	0	2	8	13	5	6	0	34		
T		0	0	0	0	0	2	8	13	5	6	0	34			
3	Malignant neoplasm of ovary (C56)	F	0	0	0	0	3	14	32	35	17	20	0	121		
T		0	0	0	0	3	14	32	35	17	20	0	121			
F		0	0	0	0	0	0	0	0	1	0	0	0	1		
4	Malignant neoplasm of placenta (C58)	T	0	0	0	0	0	0	0	0	0	0	0	0	1	
F		0	0	0	0	0	0	0	0	0	0	0	0	0	1	
5	Other malignant neoplasms of female genital organs (C51-C52, C57)	F	0	0	0	0	0	0	3	4	0	2	0	9		
T		0	0	0	0	0	0	3	4	0	2	0	9			
M		0	0	0	0	0	0	2	16	21	72	0	111			
6	Malignant neoplasm of prostate (C61)	T	0	0	0	0	0	0	2	16	21	72	0	111		
M		0	0	0	2	2	0	3	2	1	1	0	11			
7	Other malignant neoplasms of male genital organs (C60, C62-C63)	T	0	0	0	2	2	0	3	2	1	1	0	11		
M		0	0	0	0	0	0	4	11	13	23	0	51			
8	Malignant neoplasm of bladder (C67)	F	0	0	0	0	0	0	0	1	2	7	0	10		
T		0	0	0	0	0	0	4	12	15	30	0	61			
M		0	1	0	0	0	3	7	10	9	13	0	43			
9	Other malignant neoplasms of urinary tract (C64-C66, C68)	F	0	1	0	1	2	1	0	1	0	2	0	8		
T		0	2	0	1	2	4	7	11	9	15	0	51			
M		0	1	6	2	6	6	7	15	6	5	0	54			
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	F	0	1	4	2	6	6	6	3	2	6	0	36		
T		0	2	10	4	12	12	13	18	8	11	0	90			

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Malignant neoplasm of eye & adnexa (C69)	M	0	0	0	0	0	0	0	0	2	0	0	2	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	2	0	0	2	
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	0	1	6	2	6	6	7	15	4	5	0	52	
		F	0	1	4	2	6	6	6	3	2	6	0	36	
		T	0	2	10	4	12	12	13	18	6	11	0	88	
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	0	1	2	1	5	7	21	28	23	27	0	115	
		F	0	1	2	0	2	3	25	18	9	23	0	83	
		T	0	2	4	1	7	10	46	46	32	50	0	198	
1	Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites (C73-C80 & C97)	M	0	1	2	1	5	7	21	28	23	27	0	115	
		F	0	1	2	0	2	3	25	18	9	23	0	83	
		T	0	2	4	1	7	10	46	46	32	50	0	198	
15	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	1	2	20	21	19	42	52	82	69	76	0	384	
		F	0	5	8	13	15	25	45	62	41	53	0	267	
		T	1	7	28	34	34	67	97	144	110	129	0	651	
1	Hodgkin's disease (C81)	M	0	0	1	2	0	3	3	2	4	7	0	22	
		F	0	0	0	1	1	1	1	1	2	1	0	8	
		T	0	0	1	3	1	4	4	3	6	8	0	30	
2	Non-Hodgkin's lymphoma (C82-C85)	M	0	0	2	4	6	13	22	15	21	32	0	115	
		F	0	1	1	2	2	3	6	16	10	19	0	60	
		T	0	1	3	6	8	16	28	31	31	51	0	175	
3	Multiple myeloma and malignant plasma cell neoplasms (C90)	M	0	0	0	0	0	7	6	23	22	14	0	72	
		F	0	0	0	0	0	3	13	23	13	13	0	65	
		T	0	0	0	0	0	10	19	46	35	27	0	137	
4	Leukaemia (C91-C95)	M	1	2	17	15	13	19	19	41	21	23	0	171	
		F	0	4	7	10	12	17	25	22	16	19	0	132	
		T	1	6	24	25	25	36	44	63	37	42	0	303	

M.G/ CAT./ S.C	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+	N.S.			
			4	5	6	7	8	9	10	11	12	13	14			
I	2	3														15
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	M	0	0	0	0	0	0	2	1	1	0	0	4		
F		0	0	0	0	0	1	0	0	0	0	1	0	2		
T		0	0	0	0	0	1	2	1	1	1	1	0	6		
M		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Carcinoma in situ (D00-D09)	F	1	0	0	0	0	0	1	0	0	0	0	2		
T		1	0	0	0	0	0	1	0	0	0	0	0	2		
M		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
F		1	0	0	0	0	0	1	0	0	0	0	0	2		
	Carcinoma in situ (D00-D09)	T	1	0	0	0	0	0	1	0	0	0	0	2		
M		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
F		1	0	0	0	0	0	1	0	0	0	0	0	2		
T		1	0	0	0	0	0	1	0	0	0	0	0	2		
17	Benign neoplasms (D10-D36)	M	0	1	0	1	0	2	3	10	3	7	0	27		
F		0	0	1	3	0	4	8	9	3	9	0	37			
T		0	1	1	4	0	6	11	19	6	16	0	64			
F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Leiomyoma of uterus (D25)	T	0	0	0	0	0	0	0	0	0	0	0	0	0	
M		0	1	0	1	0	2	3	10	3	7	0	27			
F		0	0	1	3	0	4	8	9	3	9	0	37			
T		0	1	1	4	0	6	11	19	6	16	0	64			
18	Other and unspecified neoplasm (D37-D48)	M	0	0	1	1	1	0	2	3	1	4	0	13		
F		0	0	0	0	1	3	5	3	2	3	0	17			
T		0	0	1	1	2	3	7	6	3	7	0	30			
M		0	0	1	1	1	0	2	3	1	4	0	13			
I	Other and unspecified neoplasm (D37-D48)	F	0	0	0	0	1	3	5	3	2	3	0	17		
T		0	0	1	1	2	3	7	6	3	7	0	30			
M		0	0	1	1	1	0	2	3	1	4	0	13			
F		0	0	0	0	1	3	5	3	2	3	0	17			
III.	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	T	0	0	1	1	2	3	7	6	3	7	0	30		
M		5	2	3	7	7	9	22	35	10	51	1	152			
F		3	4	4	9	5	12	16	19	14	91	1	178			
T		8	6	7	16	12	21	38	54	24	142	2	330			

[illegible]

M.G/ CAT/ S.C	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+	N.S.		
			4	5	6	7	8	9	10	11	12	13	14	15	
1	2	3	0	0	0	0	0	0	1	0	0	0	0	1	
3	Other protein-energy malnutrition (E42-E46)	M	2	0	0	1	0	0	0	1	1	2	0	7	
		F	2	0	0	1	0	0	0	0	0	0	0	0	
		T	2	0	0	1	0	0	1	1	1	2	0	8	
21	Endocrine, other nutritional and metabolic diseases (E00-E34 & E50-E89)	M	6	0	1	3	18	45	175	360	234	564	0	1406	
		F	5	4	3	3	10	27	121	250	158	499	0	1080	
		T	11	4	4	6	28	72	296	610	392	1063	0	2486	
1	Disorders of thyroid gland (E00-E07)	M	0	0	0	0	1	0	0	1	0	1	0	3	
		F	1	0	0	0	0	1	1	2	1	1	0	7	
		T	1	0	0	0	1	1	1	3	1	2	0	10	
2	Diabetes mellitus (E10-E14)	M	0	0	0	2	11	42	153	328	215	497	0	1248	
		F	0	1	1	2	7	22	104	223	140	414	0	914	
		T	0	1	1	4	18	64	257	551	355	911	0	2162	
3	All other nutritional deficiencies (E50-E64)	M	0	0	0	1	1	0	1	2	0	1	0	6	
		F	0	0	0	0	1	0	1	1	0	2	0	5	
		T	0	0	0	1	2	0	2	3	0	3	0	11	
4	All other endocrine and metabolic diseases (E15-E34 & E65-E89)	M	6	0	1	0	5	3	21	29	19	65	0	149	
		F	4	3	2	1	2	4	15	24	17	82	0	154	
		T	10	3	3	1	7	7	36	53	36	147	0	303	
V.	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	0	0	0	0	2	2	4	5	1	6	0	20	
		F	0	0	0	0	0	0	0	1	0	3	0	4	
		T	0	0	0	0	2	2	4	6	1	9	0	24	
22	Mental and behavioural disorders (F01-F99)	M	0	0	0	0	2	2	4	5	1	6	0	20	
		F	0	0	0	0	0	0	0	1	0	3	0	4	
		T	0	0	0	0	2	2	4	6	1	9	0	24	
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	0	0	0	0	1	1	4	4	1	1	0	12	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	1	1	4	4	1	1	0	12	
		T	0	0	0	0	1	1	4	4	1	1	0	12	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	M	0	0	0	0	0	1	0	1	0	2	0	4	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	
3	All other mental and behavioural disorders (F01-F09, F30-F99 )	M	0	0	0	0	1	0	0	0	0	3	0	4	
		F	0	0	0	0	0	0	0	1	0	3	0	4	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>8</b>	
VI.	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	M	13	10	8	17	9	19	39	50	28	66	0	259	
		F	4	7	12	6	14	6	19	30	12	88	0	198	
		<b>T</b>	<b>17</b>	<b>17</b>	<b>20</b>	<b>23</b>	<b>23</b>	<b>25</b>	<b>58</b>	<b>80</b>	<b>40</b>	<b>154</b>	<b>0</b>	<b>457</b>	
23	Inflammatory diseases of the central nervous system (G00-G09)	M	8	2	5	7	7	8	19	25	7	11	0	99	
		F	2	1	3	1	7	1	6	13	4	13	0	51	
		<b>T</b>	<b>10</b>	<b>3</b>	<b>8</b>	<b>8</b>	<b>14</b>	<b>9</b>	<b>25</b>	<b>38</b>	<b>11</b>	<b>24</b>	<b>0</b>	<b>150</b>	
1	Meningitis (G00 & G03)	M	8	0	0	3	3	2	6	13	4	4	0	43	
		F	2	0	0	1	2	0	2	6	2	6	0	21	
		<b>T</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>19</b>	<b>6</b>	<b>10</b>	<b>0</b>	<b>64</b>	
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	0	2	5	4	4	6	13	12	3	7	0	56	
		F	0	1	3	0	3	1	3	6	2	7	0	26	
		<b>T</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>7</b>	<b>7</b>	<b>16</b>	<b>18</b>	<b>5</b>	<b>14</b>	<b>0</b>	<b>82</b>	
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	2	0	1	1	0	0	0	4	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	
24	Other diseases of the nervous system (G10-G98)	M	5	8	3	10	2	11	20	25	21	55	0	160	
		F	2	6	9	5	7	5	13	17	8	75	0	147	
		<b>T</b>	<b>7</b>	<b>14</b>	<b>12</b>	<b>15</b>	<b>9</b>	<b>16</b>	<b>33</b>	<b>42</b>	<b>29</b>	<b>130</b>	<b>0</b>	<b>307</b>	
1	Alzheimer's disease (G30)	M	0	0	0	0	0	0	0	0	2	0	0	2	
		F	0	0	0	0	0	0	0	0	0	2	0	2	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>4</b>	



M.G/ CAT/ S.C	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+	N.S.		
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2	Epilepsy (G40-G41)	M	1	2	0	3	1	1	1	3	3	1	0	16	
		F	1	2	2	1	1	0	0	2	1	5	0	15	
		<b>T</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>31</b>	
3	All other diseases of the nervous system (G10-G25, G31, G35-G37, G43-G98)	M	4	6	3	7	1	10	19	22	16	54	0	142	
		F	1	4	7	4	6	5	13	15	7	68	0	130	
		<b>T</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>11</b>	<b>7</b>	<b>15</b>	<b>32</b>	<b>37</b>	<b>23</b>	<b>122</b>	<b>0</b>	<b>272</b>	
VII.	DISEASES OF THE EYE AND ADNEXA (H00-H59)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
25	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
I	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
VIII.	DISEASES OF THE EAR AND MASTOID PROCESS (H60-H95)	M	0	0	0	0	0	0	0	0	1	1	0	2	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	
26	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	0	0	1	1	0	2	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	
I	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	0	0	1	1	0	2	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	
IX.	DISEASES OF THE CIRCULATORY SYSTEM (I00-I99)	M	0	2	11	23	59	173	682	1230	849	1900	12	4941	
		F	3	5	13	16	44	96	328	621	539	1870	0	3535	
		<b>T</b>	<b>3</b>	<b>7</b>	<b>24</b>	<b>39</b>	<b>103</b>	<b>269</b>	<b>1010</b>	<b>1851</b>	<b>1388</b>	<b>3770</b>	<b>12</b>	<b>8476</b>	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
27	Acute rheumatic fever and chronic rheumatic heart diseases (100-109)	M	0	0	1	1	1	10	8	10	6	9	0	46	
		F	0	0	0	0	6	9	23	21	6	25	0	90	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>19</b>	<b>31</b>	<b>31</b>	<b>12</b>	<b>34</b>	<b>0</b>	<b>136</b>	
1	Acute rheumatic fever (100-102)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
2	Chronic rheumatic heart diseases (105-109)	M	0	0	1	1	1	10	8	10	6	9	0	46	
		F	0	0	0	0	6	9	23	21	6	25	0	90	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>19</b>	<b>31</b>	<b>31</b>	<b>12</b>	<b>34</b>	<b>0</b>	<b>136</b>	
28	Hypertensive diseases (110-115)	M	0	0	0	0	3	14	47	108	75	232	0	479	
		F	2	0	0	1	0	4	24	35	68	239	0	373	
		<b>T</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>18</b>	<b>71</b>	<b>143</b>	<b>143</b>	<b>471</b>	<b>0</b>	<b>852</b>	
1	Hypertensive heart disease (111)	M	0	0	0	0	0	2	24	63	41	132	0	262	
		F	2	0	0	0	0	2	11	17	40	139	0	211	
		<b>T</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>35</b>	<b>80</b>	<b>81</b>	<b>271</b>	<b>0</b>	<b>473</b>	
2	All other hypertensive diseases (110, 112-115)	M	0	0	0	0	3	12	23	45	34	100	0	217	
		F	0	0	0	1	0	2	13	18	28	100	0	162	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>14</b>	<b>36</b>	<b>63</b>	<b>62</b>	<b>200</b>	<b>0</b>	<b>379</b>	
29	Ischaemic heart diseases (120-125)	M	0	0	1	1	12	49	244	546	371	758	0	1982	
		F	0	0	0	0	9	16	103	251	185	645	0	1209	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>21</b>	<b>65</b>	<b>347</b>	<b>797</b>	<b>556</b>	<b>1403</b>	<b>0</b>	<b>3191</b>	
1	Acute myocardial infarction (121-122)	M	0	0	0	1	5	23	114	248	150	253	0	794	
		F	0	0	0	0	5	8	70	122	86	226	0	517	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>31</b>	<b>184</b>	<b>370</b>	<b>236</b>	<b>479</b>	<b>0</b>	<b>1311</b>	
2	All other ischaemic heart diseases (120 & 123-125)	M	0	0	1	0	7	26	130	298	221	505	0	1188	
		F	0	0	0	0	4	8	33	129	99	419	0	692	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>34</b>	<b>163</b>	<b>427</b>	<b>320</b>	<b>924</b>	<b>0</b>	<b>1880</b>	

M.G/ CAT./ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
30	Diseases of pulmonary circulation and other forms of heart disease (126-151)	M	0	1	6	10	18	24	93	143	106	253	0	654	
		F	1	3	12	9	12	22	38	98	50	235	0	480	
		T	1	4	18	19	30	46	131	241	156	488	0	1134	
		M	0	0	0	1	2	6	10	7	4	7	0	37	
1	Pulmonary heart disease and diseases of pulmonary circulation (126-128)	F	0	0	1	3	4	6	3	16	7	22	0	62	
		T	0	0	1	4	6	12	13	23	11	29	0	99	
		M	0	1	6	9	16	18	83	136	102	246	0	617	
		F	1	3	11	6	8	16	35	82	43	213	0	418	
2	Other forms of heart diseases (130-151)	T	1	4	17	15	24	34	118	218	145	459	0	1035	
		M	0	1	3	11	24	71	278	387	267	586	12	1640	
		F	0	2	1	3	16	40	134	197	215	684	0	1292	
		T	0	3	4	14	40	111	412	584	482	1270	12	2932	
1	Cerebrovascular diseases (160-169)	M	0	1	3	11	24	71	278	387	267	586	12	1640	
		F	0	2	1	3	16	40	134	197	215	684	0	1292	
		T	0	3	4	14	40	111	412	584	482	1270	12	2932	
		M	0	1	3	11	24	71	278	387	267	586	12	1640	
32	Other diseases of the circulatory system (170-199)	F	0	2	1	3	16	40	134	197	215	684	0	1292	
		T	0	3	4	14	40	111	412	584	482	1270	12	2932	
		M	0	0	0	0	1	5	12	36	24	62	0	140	
		F	0	0	0	3	1	5	6	19	15	42	0	91	
1	Atherosclerosis (170)	T	0	0	0	3	2	10	18	55	39	104	0	231	
		M	0	0	0	0	0	0	0	0	0	1	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	1	0	1	
2	Arterial embolism and thrombosis (174)	M	0	0	0	0	0	0	1	0	1	3	0	5	
		F	0	0	0	0	0	0	1	0	1	1	0	3	
		T	0	0	0	0	0	0	2	0	2	4	0	8	
		M	0	0	0	0	1	5	3	33	17	47	0	106	
3	Other diseases of arteries, arterioles & capillaries (171-173 & 177-178)	F	0	0	0	1	1	2	2	13	9	26	0	54	
		T	0	0	0	1	2	7	5	46	26	73	0	160	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis (180-182)	M	0	0	0	0	0	0	2	1	2	4	0	9	
		F	0	0	0	2	0	1	1	1	2	4	0	11	
		T	0	0	0	2	0	1	3	2	4	8	0	20	
5	All other diseases of the circulatory system (183-199)	M	0	0	0	0	0	0	6	2	4	7	0	19	
		F	0	0	0	0	0	2	2	5	3	11	0	23	
		T	0	0	0	0	0	2	8	7	7	18	0	42	
X	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	5	16	16	8	16	29	150	415	371	894	1	1921	
		F	4	9	7	8	10	25	73	187	160	518	0	1001	
		T	9	25	23	16	26	54	223	602	531	1412	1	2922	
33	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	M	0	0	0	0	0	0	0	0	1	0	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	1	0	0	1	
1	Acute pharyngitis and acute tonsillitis (J02-J03)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
2	Acute laryngitis and tracheitis (J04)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
3	Other acute upper respiratory infections (J00-J01 & J05-J06)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
4	All other diseases of upper respiratory tract (J30-J39)	M	0	0	0	0	0	0	0	0	1	0	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	1	0	0	1	
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	0	1	1	4	2	15	98	343	311	734	1	1510	
		F	0	2	1	2	6	10	51	131	124	365	0	692	
		T	0	3	2	6	8	25	149	474	435	1099	1	2202	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	0	0	0	0	0	0	0	0	0	2	0	2	
		F	0	0	0	0	0	0	0	1	0	0	0	1	
		T	0	0	0	0	0	0	0	1	0	2	0	3	
2	Bronchitis, chronic and unspecified, emphysema (J40-J43)	M	0	0	0	0	0	0	0	1	0	0	0	1	
		F	0	0	0	0	0	0	0	0	0	1	0	1	
		T	0	0	0	0	0	0	0	1	0	1	0	2	
3	Asthma (J45-J46)	M	0	1	0	0	0	2	5	8	10	13	0	39	
		F	0	2	0	0	0	0	9	15	8	29	0	63	
		T	0	3	0	0	0	2	14	23	18	42	0	102	
4	Other lower respiratory disorders (J22, J44 & J47)	M	0	0	1	4	2	13	93	334	301	719	1	1468	
		F	0	0	1	2	6	10	42	115	116	335	0	627	
		T	0	0	2	6	8	23	135	449	417	1054	1	2095	
35	Other diseases of the respiratory system (J10-J18, J60-J98)	M	5	15	15	4	14	14	52	72	59	160	0	410	
		F	4	7	6	6	4	15	22	56	36	153	0	309	
		T	9	22	21	10	18	29	74	128	95	313	0	719	
1	Influenza (J10-J11)	M	0	0	0	0	0	0	0	0	0	1	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	1	0	1	
2	Pneumonia (J12-J18)	M	5	13	12	3	9	7	24	36	26	90	0	225	
		F	2	7	6	4	0	7	9	21	16	80	0	152	
		T	7	20	18	7	9	14	33	57	42	170	0	377	
3	Pleurisy (J90)	M	0	0	0	0	0	0	2	1	0	3	0	6	
		F	0	0	0	0	0	0	0	4	3	6	0	13	
		T	0	0	0	0	0	0	2	5	3	9	0	19	
4	All other diseases of the respiratory system (J60-J86, J92-J98.)	M	0	2	3	1	5	7	26	35	33	66	0	178	
		F	2	0	0	2	4	8	13	31	17	67	0	144	
		T	2	2	3	3	9	15	39	66	50	133	0	322	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
XI.	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	1	4	3	22	54	259	474	542	251	256	0	1866	
		F	4	1	1	12	23	43	66	103	82	184	0	519	
		T	5	5	4	34	77	302	540	645	333	440	0	2385	
		M	0	0	0	1	0	0	0	0	0	0	0	1	
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	F	0	0	0	0	0	1	0	0	0	1	0	2	
		T	0	0	0	1	0	1	0	0	0	1	0	3	
		M	0	0	0	1	0	0	0	0	0	0	0	1	
		F	0	0	0	0	0	1	0	0	0	1	0	2	
I	Diseases of oral cavity, salivary glands and jaws (K00-K14)	T	0	0	0	1	0	1	0	0	0	1	0	3	
		M	0	0	0	1	0	0	0	0	0	0	0	1	
		F	0	0	0	0	0	1	0	0	0	1	0	2	
		T	0	0	0	1	0	1	0	0	0	1	0	3	
37	Diseases of the other parts of digestive system (K20-K92)	M	1	4	3	21	54	259	474	542	251	256	0	1865	
		F	4	1	1	12	23	42	66	103	82	183	0	517	
		T	5	5	4	33	77	301	540	645	333	439	0	2382	
		M	0	0	0	0	0	0	1	1	0	2	0	4	
I	Gastric and duodenal ulcer (K25-K27)	F	0	0	0	0	0	0	0	0	0	3	0	3	
		T	0	0	0	0	0	0	1	1	0	5	0	7	
		M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
2	Gastritis and duodenitis (K29)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
		M	0	0	0	0	0	0	0	0	0	0	0	0	
3	Diseases of appendix (K35-K38)	F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
		M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	1	0	0	0	1	0	2	
4	Hernia (K40-K46)	T	0	0	0	0	0	1	0	0	0	1	0	2	
		M	0	0	0	0	1	0	0	3	0	5	0	9	
		F	0	0	0	0	0	0	0	1	2	5	0	8	
		T	0	0	0	0	1	0	0	4	2	10	0	17	
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	0	0	0	1	1	2	3	10	8	13	0	38	
		F	0	0	0	0	1	4	6	1	3	11	0	26	
		T	0	0	0	1	2	6	9	11	11	24	0	64	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
6	Peritonitis (K65)	M	0	0	0	0	1	10	6	7	10	4	0	38	
		F	0	0	0	0	1	1	1	8	3	5	0	19	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>11</b>	<b>7</b>	<b>15</b>	<b>13</b>	<b>9</b>	<b>0</b>	<b>57</b>	
7	Diseases of the liver (K70-K76)	M	0	2	3	9	35	213	435	472	207	188	0	1564	
		F	0	1	1	9	15	30	46	78	55	116	0	351	
		<b>T</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>18</b>	<b>50</b>	<b>243</b>	<b>481</b>	<b>550</b>	<b>262</b>	<b>304</b>	<b>0</b>	<b>1915</b>	
8	Cholelithiasis and cholecystitis (K80-K81)	M	0	0	0	0	0	1	0	3	1	2	0	7	
		F	0	0	0	0	1	0	0	2	3	2	0	8	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>15</b>	
9	Disorders of the pancreas	M	0	0	0	7	13	15	6	7	7	3	0	58	
		F	0	0	0	1	0	2	3	2	0	0	0	8	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>13</b>	<b>17</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>66</b>	
10	All other diseases of the other parts of digestive system (K20-K22, K28, K30-K31, K50-K55, K57-K63, K66, K82-K83 & K90-K92)	M	1	2	0	4	3	18	23	39	18	39	0	147	
		F	4	0	0	2	5	4	10	11	16	40	0	92	
		<b>T</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>22</b>	<b>33</b>	<b>50</b>	<b>34</b>	<b>79</b>	<b>0</b>	<b>239</b>	
XII.	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (L00-L98)	M	1	0	1	0	1	3	11	23	8	21	1	70	
		F	0	0	1	2	0	3	7	8	4	22	0	47	
		<b>T</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>18</b>	<b>31</b>	<b>12</b>	<b>43</b>	<b>1</b>	<b>117</b>	
38	Diseases of the skin and subcutaneous tissue (L00-L98)	M	1	0	1	0	1	3	11	23	8	21	1	70	
		F	0	0	1	2	0	3	7	8	4	22	0	47	
		<b>T</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>18</b>	<b>31</b>	<b>12</b>	<b>43</b>	<b>1</b>	<b>117</b>	
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	1	0	1	0	1	1	10	22	8	14	1	59	
		F	0	0	0	0	0	1	6	7	2	10	0	26	
		<b>T</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>16</b>	<b>29</b>	<b>10</b>	<b>24</b>	<b>1</b>	<b>85</b>	
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	0	0	0	0	0	2	1	1	0	7	0	11	
		F	0	0	1	2	0	2	1	1	2	12	0	21	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>19</b>	<b>0</b>	<b>32</b>	





M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	Renal failure (N17-N19)	M	0	0	1	5	7	24	67	99	76	157	0	436	
		F	0	0	0	3	6	6	35	58	47	96	0	251	
		T	0	0	1	8	13	30	102	157	123	253	0	687	
4	Urolithiasis (N20-N23)	M	0	0	0	0	1	0	1	1	0	3	0	6	
		F	0	0	0	1	3	0	1	0	0	0	0	5	
		T	0	0	0	1	4	0	2	1	0	3	0	11	
5	Other disorders of kidney and ureter (N25-N28)	M	2	0	1	0	0	3	10	12	10	15	0	53	
		F	0	0	0	0	1	0	4	13	6	9	0	33	
		T	2	0	1	0	1	3	14	25	16	24	0	86	
6	All other diseases of urinary system (N30-N39)	M	0	0	1	0	0	1	4	17	11	52	0	86	
		F	0	0	0	0	2	3	9	22	13	64	0	113	
		T	0	0	1	0	2	4	13	39	24	116	0	199	
41	Other diseases of the genitourinary system (N40-N99)	M	0	0	0	0	1	0	1	2	2	9	0	15	
		F	0	0	0	0	0	2	0	0	0	0	0	2	
		T	0	0	0	0	1	2	1	2	2	9	0	17	
1	Hyperplasia of prostate (N40)	M	0	0	0	0	0	0	0	1	1	6	0	8	
		T	0	0	0	0	0	0	0	1	1	6	0	8	
2	All other diseases of male genital organs (N41-N50)	M	0	0	0	0	1	0	1	1	1	3	0	7	
		T	0	0	0	0	1	0	1	1	1	3	0	7	
3	Salpingitis and oophoritis (N70)	F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
4	All other diseases of female genital organs (N60-N64 & N71-N99)	F	0	0	0	0	0	2	0	0	0	0	0	2	
		T	0	0	0	0	0	2	0	0	0	0	0	2	
XI.	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	F	0	0	0	5	8	5	1	0	0	0	0	19	
		T	0	0	0	5	8	5	1	0	0	0	0	19	
42	Pregnancy with abortive outcome (O00-O08)	F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	

[illegible]

M.G/ CAT./ S.C	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+	N.S.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
45	Certain conditions originating in the perinatal period (P00-P96)	M	512	0	0	0	0	0	0	0	0	0	0	0	512	
		F	386	0	0	0	0	0	0	0	0	0	0	0	386	
		T	898	0	0	0	0	0	0	0	0	0	0	0	898	
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	208	0	0	0	0	0	0	0	0	0	0	0	208	
		F	139	0	0	0	0	0	0	0	0	0	0	0	139	
		T	347	0	0	0	0	0	0	0	0	0	0	0	347	
2	Birth trauma (P10-P15)	M	0	0	0	0	0	0	0	0	0	0	0	0	0	
		F	2	0	0	0	0	0	0	0	0	0	0	0	2	
		T	2	0	0	0	0	0	0	0	0	0	0	0	2	
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	140	0	0	0	0	0	0	0	0	0	0	0	140	
		F	103	0	0	0	0	0	0	0	0	0	0	0	103	
		T	243	0	0	0	0	0	0	0	0	0	0	0	243	
4	Haemolytic disease of fetus and new-born (P55)	M	0	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Other perinatal jaundice (P58-P59)	M	6	0	0	0	0	0	0	0	0	0	0	0	6	
		F	6	0	0	0	0	0	0	0	0	0	0	0	6	
		T	12	0	0	0	0	0	0	0	0	0	0	0	12	
6	All other conditions originating in the perinatal period (P00-P04, P08, P29-P54, P56-P57, P60-P96.)	M	158	0	0	0	0	0	0	0	0	0	0	0	158	
		F	136	0	0	0	0	0	0	0	0	0	0	0	136	
		T	294	0	0	0	0	0	0	0	0	0	0	0	294	
XVII.	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES (Q00-Q99)	M	171	14	13	2	6	1	0	0	0	0	0	0	207	
		F	142	15	5	3	2	0	1	0	0	0	1	0	169	
		T	313	29	18	5	8	1	1	0	0	1	0	0	376	
46	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	M	171	14	13	2	6	1	0	0	0	0	0	0	207	
		F	142	15	5	3	2	0	1	0	0	0	1	0	169	
		T	313	29	18	5	8	1	1	0	0	1	0	0	376	

[illegible]

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
4	Fever of unknown origin (R50)	M	0	0	0	1	1	4	4	0	1	0	0	11	
		F	0	0	0	0	0	0	1	1	0	1	0	3	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>14</b>	
5	Senility (R54)	M	0	0	0	0	0	0	0	0	0	7	0	7	
		F	0	0	0	0	0	0	0	0	0	15	0	15	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>22</b>	
6	Syncope and collapse (R55)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
7	Convulsions, not elsewhere classified (R56)	M	0	1	0	1	0	0	1	0	0	1	0	4	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	
8	Shock, not elsewhere classified (R57)	M	0	0	0	1	0	4	6	15	3	1	0	30	
		F	0	0	0	1	0	0	1	10	5	8	0	25	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>7</b>	<b>25</b>	<b>8</b>	<b>9</b>	<b>0</b>	<b>55</b>	
9	All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R09, R11-R17, R19-R39, R41-R49, R51-R53, R58-R99)	M	5	4	6	25	34	36	58	65	35	71	0	339	
		F	4	5	5	13	4	15	19	24	9	46	0	144	
		<b>T</b>	<b>9</b>	<b>9</b>	<b>11</b>	<b>38</b>	<b>38</b>	<b>51</b>	<b>77</b>	<b>89</b>	<b>44</b>	<b>117</b>	<b>0</b>	<b>483</b>	
XX. INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES (S00-T98)		M	1	12	21	125	130	135	174	174	68	128	0	968	
		F	5	5	18	53	68	52	57	65	31	71	0	425	
		<b>T</b>	<b>6</b>	<b>17</b>	<b>39</b>	<b>178</b>	<b>198</b>	<b>187</b>	<b>231</b>	<b>239</b>	<b>99</b>	<b>199</b>	<b>0</b>	<b>1393</b>	
48	Fractures (S02, S12, S22, S32, S42, S52, S62, S72, S82, S92, T02, T08, T10 & T12 )	M	0	0	0	11	11	11	16	7	2	3	0	61	
		F	0	0	0	1	1	4	1	4	3	14	0	28	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>12</b>	<b>15</b>	<b>17</b>	<b>11</b>	<b>5</b>	<b>17</b>	<b>0</b>	<b>89</b>	
1	Fracture of skull and facial bones (S02)	M	0	0	0	11	7	6	7	4	2	2	0	39	
		F	0	0	0	1	1	4	1	3	1	1	0	12	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>8</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>51</b>	

M.I.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2	Fracture of neck, thorax or pelvis (S12, S22, S32 & T08)	M	0	0	0	0	1	0	1	1	0	0	0	3	
		F	0	0	0	0	0	0	0	0	1	0	0	1	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	
3	Fracture of upper limb (S42, S52, S62 & T10)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	1	0	0	0	1	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
4	Fractures of lower limb (S72, S82, S92 & T12)	M	0	0	0	0	0	0	1	0	0	1	0	2	
		F	0	0	0	0	0	0	0	0	0	12	0	12	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>14</b>	
5	Fractures involving multiple body regions, and of unspecified body region (T02 )	M	0	0	0	0	3	5	7	2	0	0	0	17	
		F	0	0	0	0	0	0	0	0	1	1	0	2	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>19</b>	
49	Dislocations, sprains and strains of specified and multiple body regions (S03, S13, S23, S33, S43, S53, S63, S73, S83, S93, T03 )	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
50	Intracranial and internal injuries, including nerves (S04, S06, S14, S24, S26-S27, S34, S36-S37, S44, S54, S64, S74, S84 & S94)	M	1	1	4	24	18	28	24	28	13	23	0	164	
		F	2	1	3	2	1	4	1	8	3	4	0	29	
		<b>T</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>26</b>	<b>19</b>	<b>32</b>	<b>25</b>	<b>36</b>	<b>16</b>	<b>27</b>	<b>0</b>	<b>193</b>	
51	Crushing injuries and traumatic amputations of specified and multiple body regions (S07-S08, S17-S18, S28, S38, S47-S48, S57-S58, S67-S68, S77-S78, S87-S88, S97-S98, T04-T05)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
52	Other injuries of specified, unspecified and multiple body regions (S00-S01, S05, S09-S11, S15-S16, S19-S21, S25, S29-S31, S35, S39-S41, S45-S46, S49-S51, S55-S56, S59-S61, S65-S66, S69-S71, S75-T19)	M	0	1	10	60	65	55	83	76	37	75	0	462	
		F	0	1	5	7	10	8	20	28	11	21	0	111	
		<b>T</b>	<b>0</b>	<b>2</b>	<b>15</b>	<b>67</b>	<b>75</b>	<b>63</b>	<b>103</b>	<b>104</b>	<b>48</b>	<b>96</b>	<b>0</b>	<b>573</b>	
53	Effects of foreign body entering through natural orifice (T15-T19)	M	0	1	0	0	0	0	0	1	0	0	0	2	
		F	0	0	0	0	0	0	0	0	0	1	0	1	
		<b>T</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	

M.G/ CAT./ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
54	Burns and Corrosions (T20-T32)	M	0	2	1	9	11	8	10	12	3	6	0	62	
		F	2	2	5	30	38	25	16	10	7	18	0	153	
		T	2	4	6	39	49	33	26	22	10	24	0	215	
55	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	0	3	4	6	20	20	31	38	9	15	0	146	
		F	0	1	4	10	13	6	12	11	4	9	0	70	
		T	0	4	8	16	33	26	43	49	13	24	0	216	
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35, T66-T79)	M	0	1	1	10	5	5	2	3	1	2	0	30	
		F	0	0	1	2	3	1	4	1	3	1	0	16	
		T	0	1	2	12	8	6	6	4	4	3	0	46	
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	0	3	1	3	0	6	6	6	3	4	0	32	
		F	1	0	0	1	2	4	2	3	0	3	0	16	
		T	1	3	1	4	2	10	8	9	3	7	0	48	
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	0	0	0	2	0	2	2	3	0	0	0	9	
		F	0	0	0	0	0	0	1	0	0	0	0	1	
		T	0	0	0	2	0	2	3	3	0	0	0	10	
XX.	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (V01-Y89)	M	1	10	19	114	110	117	164	131	56	109	0	831	
		F	3	8	14	53	55	46	50	65	25	48	0	367	
		T	4	18	33	167	165	163	214	196	81	157	0	1198	
E48	Transport accidents (V01-V99)	M	0	2	12	81	71	72	103	70	40	68	0	519	
		F	2	0	6	10	10	12	16	34	11	11	0	112	
		T	2	2	18	91	81	84	119	104	51	79	0	631	
1	Railway accidents (V05, V15, V80.6, V81, V82.2, V87.6 & V88.6)	M	0	0	0	0	0	1	4	0	0	0	0	5	
		F	0	0	0	0	0	0	0	0	1	0	0	1	
		T	0	0	0	0	0	1	4	0	1	0	0	6	
2	Motor vehicle traffic accidents (V02-V04, V09.2-V09.3, V12-V14, V19.4-V19.6, V19.9, V20-V28, V29.4-V29.6, V29.9, V30-V38, V39.4-V39.6, V39.9, V40-V48, V49.4-V49.6, V49.9, V50-V58,	M	0	2	12	81	71	70	97	70	40	67	0	510	
		F	2	0	6	10	10	12	16	33	10	9	0	108	
		T	2	2	18	91	81	82	113	103	50	76	0	618	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	Other road vehicle accidents (V01, V06, V09.9, V10-V11, V16-V18, V19.8, V29.8, V39.8, V49.8, V59.8, V69.8, V79.8, V80.0-V80.2, V80.7-V80.9, V82.3-V82.7, V82.9 & V89.1)	M	0	0	0	0	0	1	1	0	0	1	0	3	
		F	0	0	0	0	0	0	0	1	0	2	0	3	
		T	0	0	0	0	0	1	1	1	0	3	0	6	
4		M	0	0	0	0	0	0	0	0	0	0	0	0	
	Water transport accidents (V90-V94)	F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
5		M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
	Air & Space transport accidents (V95-V97)	T	0	0	0	0	0	0	0	0	0	0	0	0	
6		M	0	0	0	0	0	0	1	0	0	0	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	1	0	0	0	0	1	
E49	All other transport accidents (V09.0-V09.1, V19.0-V19.3, V29.0-V29.3, V39.0-V39.3, V49.0-V49.3, V59.0-V59.3, V69.0-V69.3, V79.0-V79.3, V82.0, V82.8, V83-V86, V88.0-V88.5, V88.7-V88.9, Accidental Falls (W00-W19)	M	0	1	1	2	5	7	14	4	1	15	0	50	
		F	0	2	1	0	0	0	3	2	1	7	0	16	
		T	0	3	2	2	5	7	17	6	2	22	0	66	
E50		M	0	0	0	7	1	0	0	1	1	0	0	10	
	Accidental drowning and submersion (W65-W74)	F	0	0	1	0	0	0	0	0	0	0	0	1	
		T	0	0	1	7	1	0	0	1	1	0	0	11	
E51		M	0	2	0	7	7	7	10	10	1	5	0	49	
		F	1	3	2	24	28	22	14	10	7	15	0	126	
	Exposure to smoke, fire and flames (X00-X09)	T	1	5	2	31	35	29	24	20	8	20	0	175	
E52		M	0	1	1	0	0	0	3	1	0	0	0	6	
		F	0	2	0	1	1	0	0	0	0	2	0	6	
		T	0	3	1	1	1	0	3	1	0	2	0	12	
E53	Intentional self-harm (Suicide- attempted) (X60-X84)	M	0	1	2	8	19	15	21	27	8	11	0	112	
		F	0	0	1	15	11	6	11	5	3	4	0	56	
		T	0	1	3	23	30	21	32	32	11	15	0	168	



M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
E54	Assault (Homicide) (X85-Y09)	M	0	0	0	2	0	0	0	0	0	0	0	2	
		F	0	0	0	0	0	0	0	1	0	0	0	1	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	
E55	Other Violence (Y10-Y36)	M	0	0	1	0	3	5	3	5	0	2	0	19	
		F	0	0	1	0	2	0	1	0	0	1	0	5	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>24</b>	
1	Event of undetermined intent (Y10-Y34)	M	0	0	1	0	3	5	3	5	0	2	0	19	
		F	0	0	1	0	2	0	1	0	0	1	0	5	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>24</b>	
2	Legal intervention (Y35)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
3	Operations of war (Y36)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
E56	Complications of medical and surgical care (Y40-Y84)	M	1	2	1	3	0	6	6	7	2	5	0	33	
		F	0	1	0	1	2	4	2	3	0	3	0	16	
		<b>T</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>10</b>	<b>8</b>	<b>10</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>49</b>	
1	Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	0	0	0	0	1	0	0	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>T</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
2	Misadventures during surgical & medical care, adverse incidents in diagnostic and therapeutic use, abnormal reactions and late complications (Y60-Y69, Y70-Y82 & Y83-Y84)	M	1	2	1	3	0	6	6	6	2	5	0	32	
		F	0	1	0	1	2	4	2	3	0	3	0	16	
		<b>T</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>10</b>	<b>8</b>	<b>9</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>48</b>	
E57	Other external causes of accidental injury, not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	M	0	1	1	4	4	5	3	4	1	2	0	25	
		F	0	0	2	2	1	2	3	9	3	5	0	27	
		<b>T</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>13</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>52</b>	

M.G/ CAT/ S.C	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+	N.S.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Accidents caused by machinery, and by cutting & piercing instruments (W24-W31 )	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
2	Accidents caused by firearm missile (W32-W34)	M	0	0	0	0	0	1	0	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	1	0	0	0	0	1
		T	0	0	0	0	0	1	0	1	0	0	0	0	2
3	Bites of snakes & other venomous animals (X20-X27)	M	0	0	1	0	1	4	2	2	1	0	0	0	11
		F	0	0	2	1	0	1	2	6	1	1	0	0	14
		T	0	0	3	1	1	5	4	8	2	1	0	0	25
4	Sun stroke (X32)	M	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	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-X31, X33-X39 & X50-X59 )	M	0	1	0	4	3	0	1	2	0	2	0	0	13
		F	0	0	0	1	1	1	1	2	2	4	0	0	12
		T	0	1	0	5	4	1	2	4	2	6	0	0	25
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	0	0	0	0	0	0	1	2	2	1	0	0	6
		F	0	0	0	0	0	0	0	1	0	0	0	0	1
		T	0	0	0	0	0	0	1	3	2	1	0	0	7
	ALL CAUSES (MAJOR GROUP I to XIX)	M	725	79	134	307	467	969	2448	4166	2641	5203	21	17160	
		F	568	70	97	188	298	531	1260	1921	1363	4160	2	10458	
		T	1293	149	231	495	765	1500	3708	6087	4004	9363	23	27618	
	ALL CAUSES (MAJOR GROUP I to XX)	M	726	89	153	421	577	1086	2612	4297	2697	5312	21	17991	
		F	571	78	111	241	353	577	1310	1986	1388	4208	2	10825	
		T	1297	167	264	662	930	1663	3922	6283	4085	9520	23	28816	