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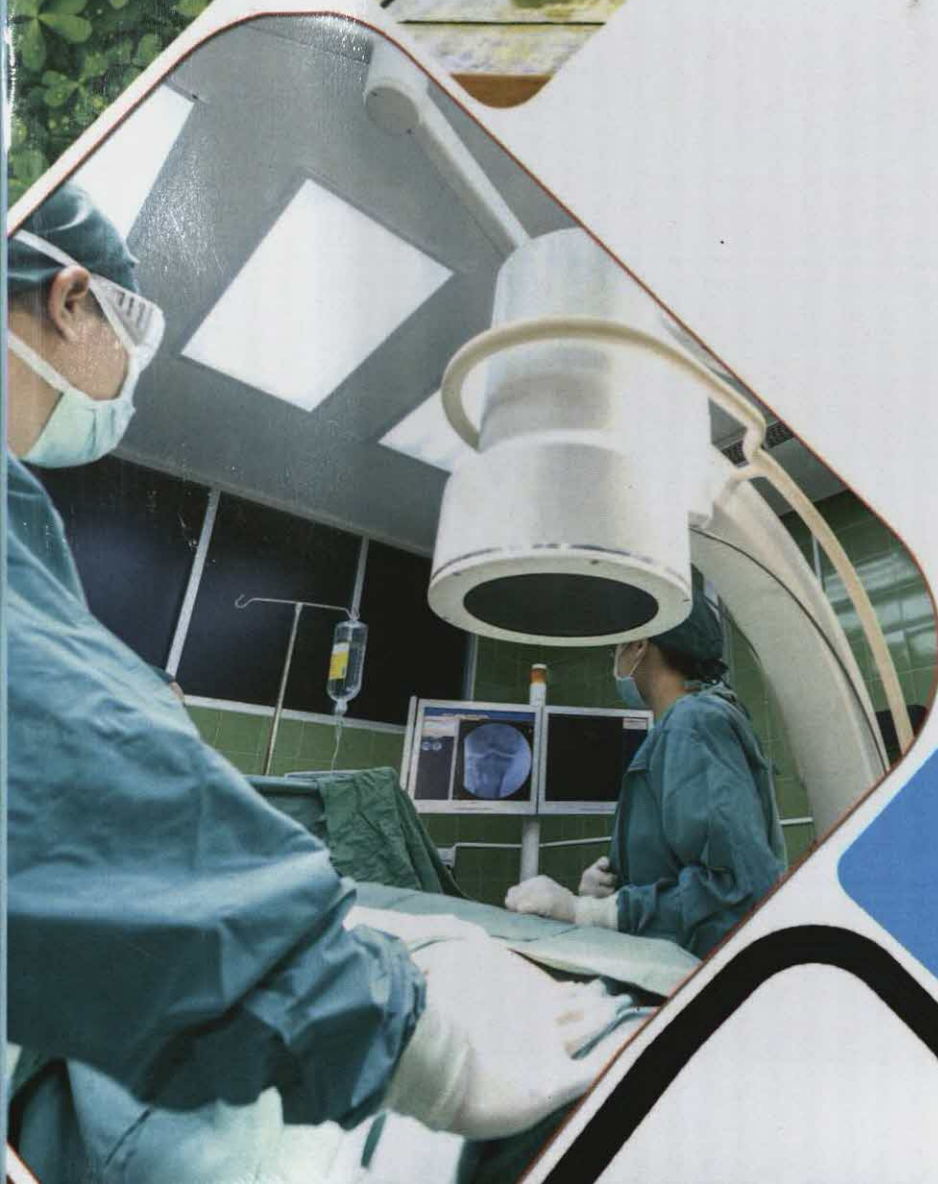
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Government of Kerala

REPORT ON MEDICAL CERTIFICATION OF CAUSE OF DEATH 2017

MCCD Division
Directorate of
Economics & Statistics
Thiruvananthapuram





REPORT ON MEDICAL CERTIFICATION OF CAUSE OF DEATH 2017

**Directorate of
Economics and
Statistics
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The 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 2017' 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 11.12% of the total deaths in the State during the year 2017.

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 2017 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: 23.02.2018

V.Ramachandran
Director General

Preface

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V.Ramachandran
Director General

Thiruvananthapuram
Date: 23.02.2018



EXECUTIVE SUMMARY

Reliable cause specific mortality statistics is required on a regular basis by Administrators, Policy Planners, Researchers and other Professionals for evidence based decision making, 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 2017' is based on 29280 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 91.30% of total medically certified deaths:

- I. Diseases of Circulatory System (27.36%).
- II. Neoplasm (16.44%).
- III. Endocrine, Nutritional and Metabolic Diseases (11.00%).
- IV. Diseases of the Respiratory System (10.21%).
- V. The Genitourinary System (7.40%)
- VI. Diseases of the Digestive System (7.31%)
- VII. Certain Infectious and Parasitic diseases (4.87%)
- VIII. Injury, Poisoning and certain other consequences of External Causes (3.80%).
- IX. Certain condition originating in the perinatal period (2.91%).

- Among the cause group 'Diseases of the Circulatory System', 'Ischemic Heart Diseases' (IHD) account for the highest number of deaths (38.69%).
- The second leading cause group, Neoplasms (cancer) is responsible for 16.44% of the total medically certified deaths, of which 'Malignant neoplasm of digestive organs' accounts for 26.13%. This is followed by 'Malignant Neoplasms of respiratory and intrathoracic organs' (18.65%) and 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related tissue' (18.05%) accounts more than one-sixth of deaths under this group.
- The group of 'Endocrine, Nutritional and Metabolic Diseases' is the third leading cause group accounting for 11.00% of the total medically certified deaths. Under this cause group, 'Diabetes Mellitus' group alone accounts for 88.82% of total deaths reported and 9.77% of total medically certified deaths respectively.
- 'Diseases of the Respiratory System' is the fourth leading cause group (10.21%). 'Lower Respiratory Disorders' accounting for around 70.97% of the total deaths under this category. The other underline cause in this group is 'Other diseases of the respiratory system including 'Pneumonia' causing 28.93% of death.
- The major group comprising 'The Genitourinary System' is the fifth leading cause accounting for 7.40% of the total medically certified deaths.
- 'Diseases of Digestive System' is the sixth leading cause group accounting for 7.31% of the total medically certified deaths. Among the deaths due to disorders of digestive system, 'Diseases of the Liver' alone accounts for 78.40% of the total deaths under this group.
- The major group 'Certain Infectious and Parasitic Diseases' contributed 4.87% of deaths which is the seventh leading cause mainly constituted by Septicaemia and

Tuberculosis. Under this major group, the shares of these two diseases are 22.65% and 20.48% respectively.

- The eighth leading cause group 'Injury, Poisoning and certain other consequences of External causes' accounting 3.80% of the total medically certified deaths.
- The ninth leading group 'Certain conditions originating in the perinatal period' accounting for 2.91% of the total medically certified deaths. 'Slow foetal growth, foetal malnutrition and immaturity' and 'Hypoxia, birth asphyxia and other respiratory conditions' accounts for 39.86% and 24.97% of the deaths under this group.

Age-wise:

- Around 4.82% of reported medically certified deaths have been of the infants (age less than 1 year).
- About 60.50% of infant deaths have been reported to be caused by 'Certain conditions originating in the perinatal period' and about 32.20% deaths have been caused by 'Congenital Malformations, Deformations and Chromosomal Abnormalities'.
- Around 0.74% 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 21.10% and 19.72% due to 'Neoplasms' in which 60.47% is due to 'Leukaemia'.
- Around 1.05% 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 24.20% in which 54.05% of death is due to 'Leukaemia'. 14.70% of deaths in this age group is due to 'Certain Infectious and Parasitic Diseases'.
- Around 1.95% 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 25.52%. It implies that this age-group of adolescents is most vulnerable to injuries and poisoning related deaths. Around 15.91% of death under this age group is due to 'Neoplasm' in which 51.65% is due to 'Leukaemia'.
- Around 2.75% 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 17.02%. It implies that these age-group of youths are also more vulnerable to injuries and poisoning related deaths. 'Neoplasm' contribute around 15.53% of death under this age group in which 38.40% is due to 'Leukaemia'.

- Around 5.41% 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 'Neoplasm' and 'Diseases of Circulatory System' having almost equal shares of 22.36% and 15.29% respectively. 'Diseases of the Digestive System' contributing around 13.83%.
- Around 12.92% 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 'Neoplasm' and 'Diseases of Circulatory System' having 23.58% and 22.05% respectively. 12.66% of deaths under this age group are related to 'Diseases of the Digestive System' in which 87.27% is due to 'Diseases of the liver'.
- 21.76% 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' (25.51%). The prominent leading causes followed are 'Neoplasm' and 'Endocrine, Nutritional and Metabolic Diseases' having percentage of 22.24 and 12.73 respectively. Under Neoplasm, 28.65% death comes under 'Malignant neoplasm of digestive organs'. Under 'Endocrine, Nutritional and Metabolic Diseases', 94.33% due to 'Diabetes mellitus'.
- For the age-group 65-69 years, the leading causes of death is 'Diseases of Circulatory System' (32.63%). The cause 'Neoplasm' is the next major cause of death (16.09%).
- The age group 70 and above contribute the maximum incidence (34.23%) of total medically certified deaths. The leading causes of death are 'Diseases of Circulatory System' (37.65%). The cause 'Diseases of the Respiratory System' is the next major cause which contributed 14.63%.

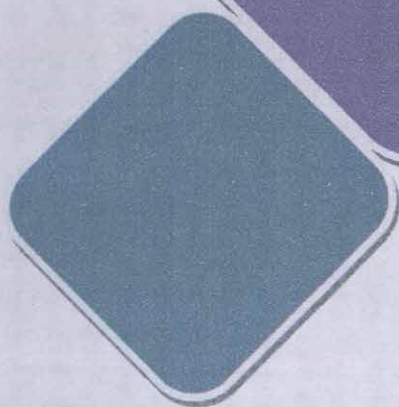
Gender-wise:

- Out of total medically certified death, 61.55% are from males and 38.45% 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, 55.32% of deaths are from male and 44.68% female.
- The difference in percentage is significantly high in the age group above 25 years (males-61.99%, females-38.01%) and it is maximum in the age group '55-64'(males-67.04%, females-32.96%).





INTRODUCTION



1

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.





2

COMPARISON OF MCCD AND CRS DATA



COMPARISON OF MCCD AND CRS DATA

The data on MCCD has been presented as per the National List based on 10th 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 – 2017' is based on 29280 (Males: 18021 and Females: 11259) medically certified deaths. This represents 11.12% of total registered deaths in the State during the year 2017.

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					MCC D	%
	Institutional	Medical Attention other than institution	No medical attention	Not stated	Total		
Alappuzha (M)	414	160	503		1077	2984	277.07
Kochi ©					9104	6449	70.84
Kollam ©	2150	460	1224	5	3839	1921	50.04
Kozhikode ©	11823	1275	613	2	13713	11587	84.50
Thiruvananthapura m ©	15437	870	1622	6	17935	6339	35.34
Total	29824	2765	3962	13	45668	29280	64.11
STATE TOTAL	153265	42124	58780	9173	263342		11.12

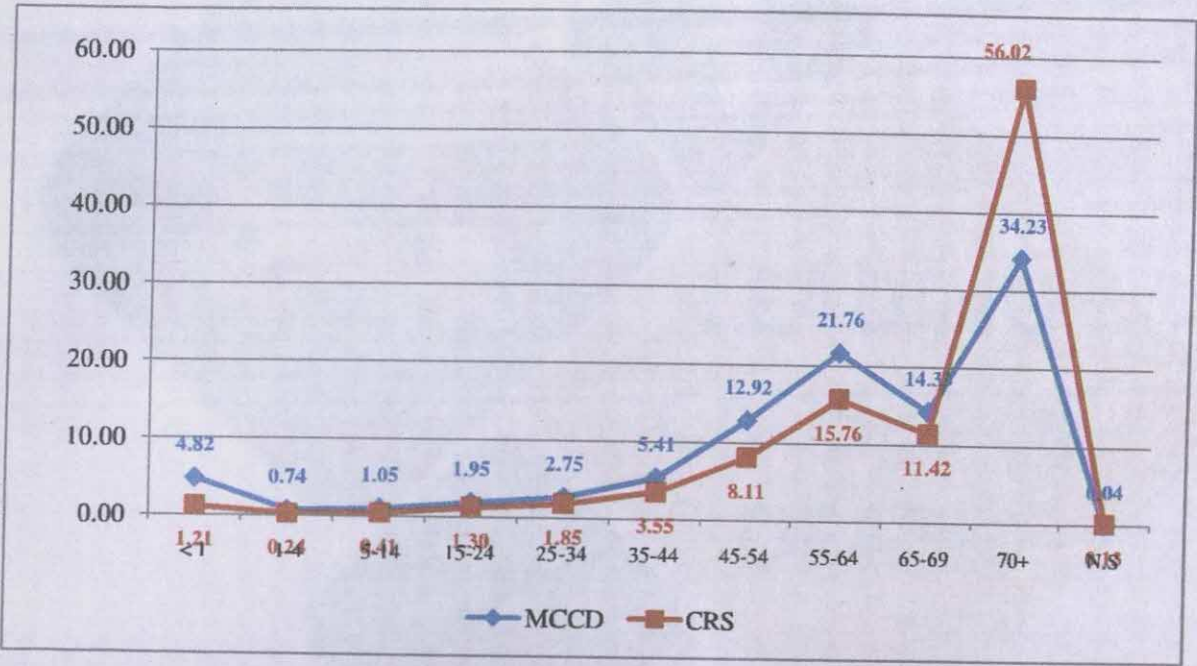
Table 2.1 gives a comparison of total death registered under Civil Registration System (CRS) and Medically Certified Death. It may be noted that only 11.12% of total registered death in Kerala is Medically Certified, which is about 19.10% of the institutional death reported from the State. 64.11% of the total death registered in these five centres comes under MCCD, which is 98.18% of the total registered *institutional* death in these centres. 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 11.12% deaths only covered under MCCD analysis. The age and sex wise distribution of deaths under Civil Registration System, Medically Certified Deaths and the age wise percentage of the total deaths with respect to total deaths are given below.

Table 2.2: Percentage Distribution of Deaths by Age and Sex under MCCD and CRS

Age Group	Medically Certified Deaths						Deaths reported under CRS					
	Male		Female		Total		Male		Female		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
< 1	780	4.33	630	5.60	1410	4.82	1741	1.19	1435	1.22	3176	1.21
1-4	124	0.69	94	0.83	218	0.74	351	0.24	282	0.24	633	0.24
5-14	172	0.95	134	1.19	306	1.05	611	0.42	476	0.41	1087	0.41
15-24	343	1.90	229	2.03	572	1.95	2316	1.59	1117	0.95	3433	1.30
25-34	505	2.80	300	2.66	805	2.75	3440	2.36	1433	1.22	4873	1.85
35-44	998	5.54	585	5.20	1583	5.41	6480	4.44	2865	2.44	9345	3.55
45-54	2470	13.71	1313	11.66	3783	12.92	14737	10.10	6619	5.64	21356	8.11
55-64	4271	23.70	2100	18.65	6371	21.76	28066	19.23	13431	11.44	41497	15.76
65-69	2675	14.84	1521	13.51	4196	14.33	19027	13.03	11034	9.40	30061	11.42
70+	5671	31.47	4352	38.65	10023	34.23	69012	47.28	78521	66.90	147533	56.02
N.S	12	0.07	1	0.01	13	0.04	190	0.13	158	0.13	348	0.13
Total	18021	100	11259	100	29280	100	145971	100	117371	100	263342	100

Chart 2.1 : Percentage Distribution of Deaths by Age under MCCD and CRS

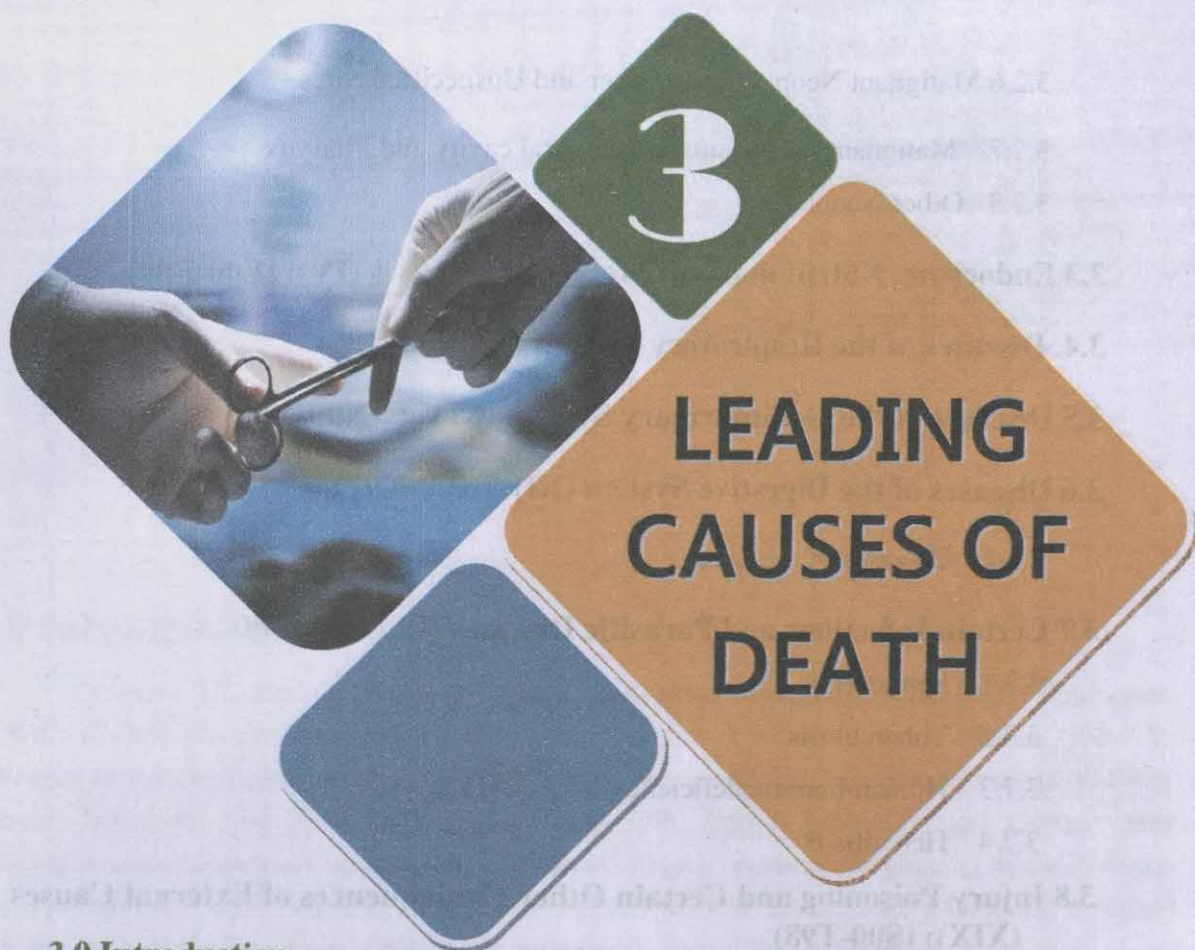


The centre wise causes of death for twenty major classifications are separately given Appendix VI.

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.





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 Other and Unspecified Sites

3.2.7 Malignant Neoplasms of Lip, Oral cavity and Pharynx

3.2.8 Other Neoplasms

3.3 Endocrine, Nutritional and Metabolic Diseases (IV): (E00-E89)

3.4. Diseases of the Respiratory System (X): (J00-J98)

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

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

3.6.1 Diseases of the Liver

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

3.7.1 Septicaemia

3.7.2 Tuberculosis

3.7.3 Human Immunodeficiency Virus [HIV]

3.7.4 Hepatitis B

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

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

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

3.8.3 Burns and Corrosions

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

3.10 Distribution of Causes of Deaths under 'Other Groups'



LEADING CAUSES OF DEATH

3.0 Introduction

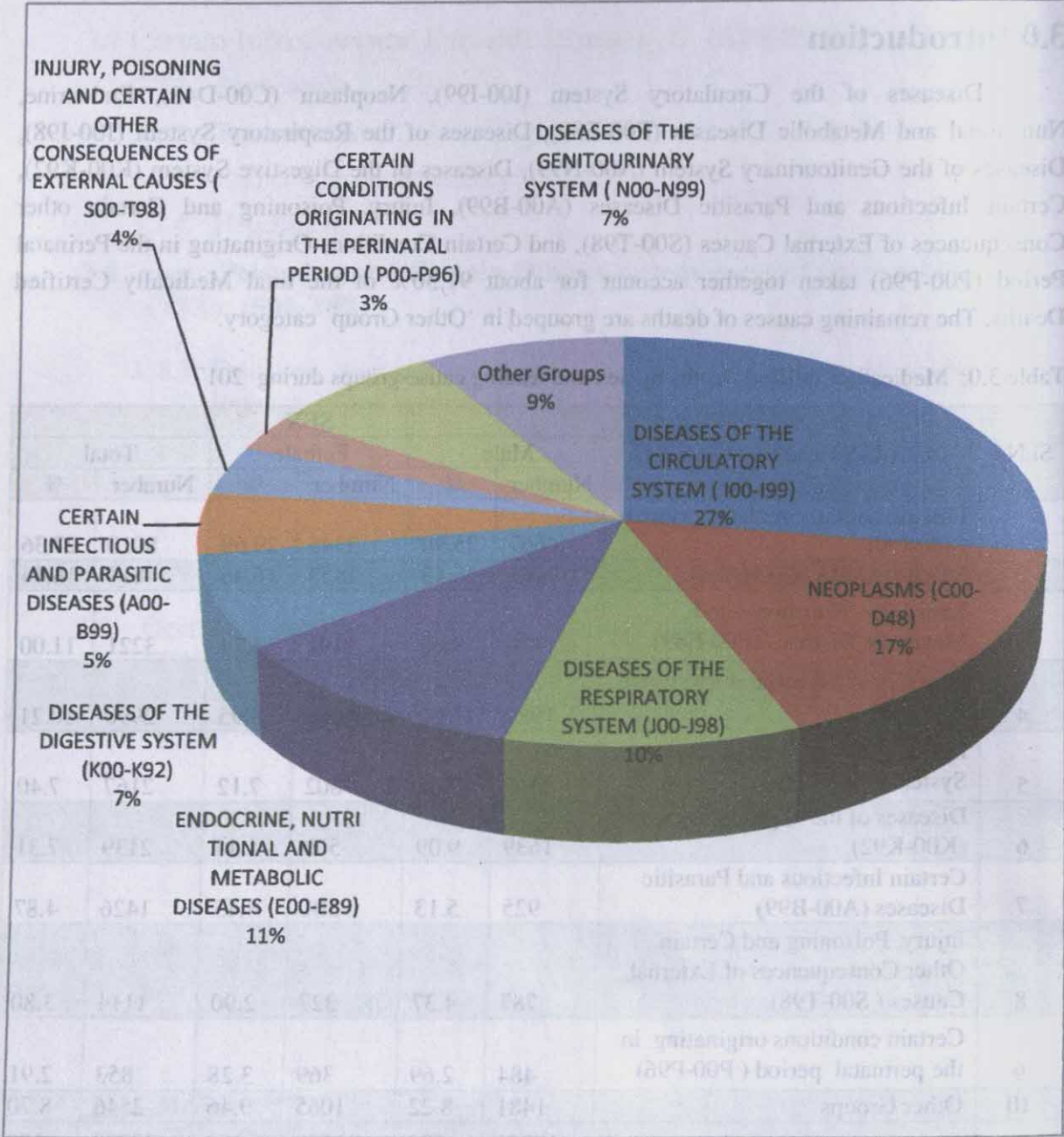
Diseases of the Circulatory System (I00-I99), Neoplasm (C00-D48), Endocrine, Nutritional and Metabolic Diseases (E00-E89), Diseases of the Respiratory System (J00-J98), Diseases of the Genitourinary System (N00-N99), Diseases of the Digestive System (K00-K92), Certain Infectious and Parasitic Diseases (A00-B99), Injury, Poisoning and Certain other Consequences of External Causes (S00-T98), and Certain Conditions Originating in the Perinatal Period (P00-P96) taken together account for about 91.30% 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 2017

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		Number	%	Number	%	Number	%
1	Diseases of the circulatory system (I00-I99)	4667	25.90	3343	29.69	8010	27.36
2	NEOPLASMS (C00-D48)	2961	16.43	1853	16.46	4814	16.44
3	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	1730	9.60	1491	13.24	3221	11.00
4	Diseases of the respiratory system (J00-J98)	1982	11.00	1008	8.95	2990	10.21
5	Diseases of the Genitourinary System (N00-N99)	1365	7.57	802	7.12	2167	7.40
6	Diseases of the digestive system (K00-K92)	1639	9.09	500	4.44	2139	7.31
7	Certain Infectious and Parasitic Diseases (A00-B99)	925	5.13	501	4.45	1426	4.87
8	Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)	787	4.37	327	2.90	1114	3.80
9	Certain conditions originating in the perinatal period (P00-P96)	484	2.69	369	3.28	853	2.91
10	Other Groups	1481	8.22	1065	9.46	2546	8.70
		18021	100	11259	100	29280	100

Among the leading cause groups, 'Diseases of Circulatory System (I00-I99)' constitute 27.36% followed by 'Neoplasms (C00-D48)' 16.44%, 'Endocrine, Nutritional and Metabolic Diseases (E00-E89)' 11.00%, 'Diseases of the Respiratory System (J00-J98)' 10.21%, 'Diseases of the Genitourinary System (N00-N99)' constitute 7.40%, 'Diseases of the Digestive system (K00-K92)' 7.31%, 'Certain Infectious and Parasitic Diseases' 4.87%, 'Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)' 3.80%, 'Certain Conditions Originating in the Perinatal Period (P00-P96)' 2.91%, and 'Other groups' constitute around 8.70% respectively.

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



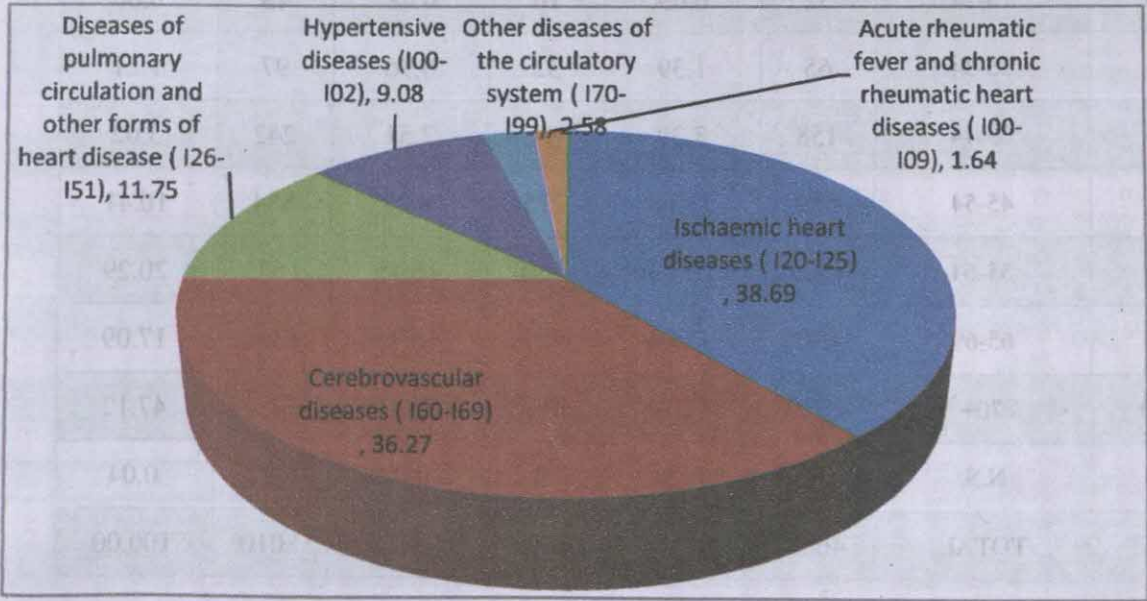
3.1 Diseases of the Circulatory System (IX), (I00-I99):

Deaths reported under ‘Diseases of the Circulatory System’ are the major death cause which accounted 27.36% of the total Medically Certified Deaths during 2017. Out of this the percentage death based on gender was 25.90% male and 29.69% 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	Hypertensive diseases (I00-I02)	406	8.70	321	9.60	727	9.08
2	Ischaemic heart diseases (I20-I25)	1919	41.12	1180	35.30	3099	38.69
3	Diseases of pulmonary circulation and other forms of heart disease (I26-I51)	496	10.63	445	13.31	941	11.75
4	Cerebrovascular diseases (I60-I69)	1663	35.63	1242	37.15	2905	36.27
5	Other diseases of the circulatory system (I70-I99)	136	2.91	71	2.12	207	2.58
6	Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	47	1.01	84	2.51	131	1.64
7	Total Medically Certified Deaths due to Diseases of Circulatory System	4667	100	3343	100	8010	100
	Deaths due to Diseases of Circulatory System as percentage to total medically certified deaths	4667	25.90	3343	29.69	8010	27.36

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



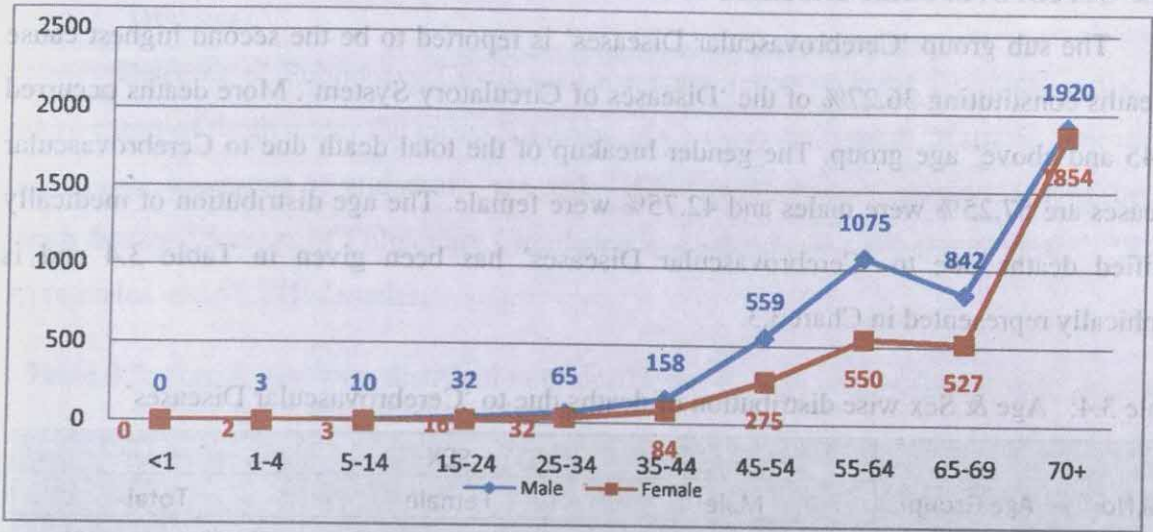
Age and sex wise analysis of medically certified deaths due to 'Diseases of Circulatory System' has been given in Table 3.2 and in Chart 3.2. The age distribution under this cause group circulatory system shows that the number of incidence of death increases with advancing age. Both the gender sets off 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 74.96% of the total deaths under the ICD classification.

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	0	0.00	0	0.00
2	1-4	3	0.06	2	0.06	5	0.06
3	5-14	10	0.21	3	0.09	13	0.16
4	15-24	32	0.69	16	0.48	48	0.60
5	25-34	65	1.39	32	0.96	97	1.21
6	35-44	158	3.39	84	2.51	242	3.02
7	45-54	559	11.98	275	8.23	834	10.41
8	55-64	1075	23.03	550	16.45	1625	20.29
9	65-69	842	18.04	527	15.76	1369	17.09
10	70+	1920	41.14	1854	55.46	3774	47.12
11	N.S.	3	0.06	0	0.00	3	0.04
	TOTAL	4667	100.00	3343	100.00	8010	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 (38.69%) under the major group 'Diseases of Circulatory System'. Out of the death due to Ischemic Heart Disease, 61.92% were males and 38.08% 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 88.19% 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	
		Number	%	Number	%	Number	%
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	3	0.16	0	0.00	3	0.10
5	25-34	19	0.99	0	0.00	19	0.61
6	35-44	37	1.93	13	1.10	50	1.61
7	45-54	223	11.62	71	6.02	294	9.49
8	55-64	475	24.75	204	17.29	679	21.91
9	65-69	367	19.12	192	16.27	559	18.04
10	70+	795	41.43	700	59.32	1495	48.24
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		1919	100	1180	100	3099	100

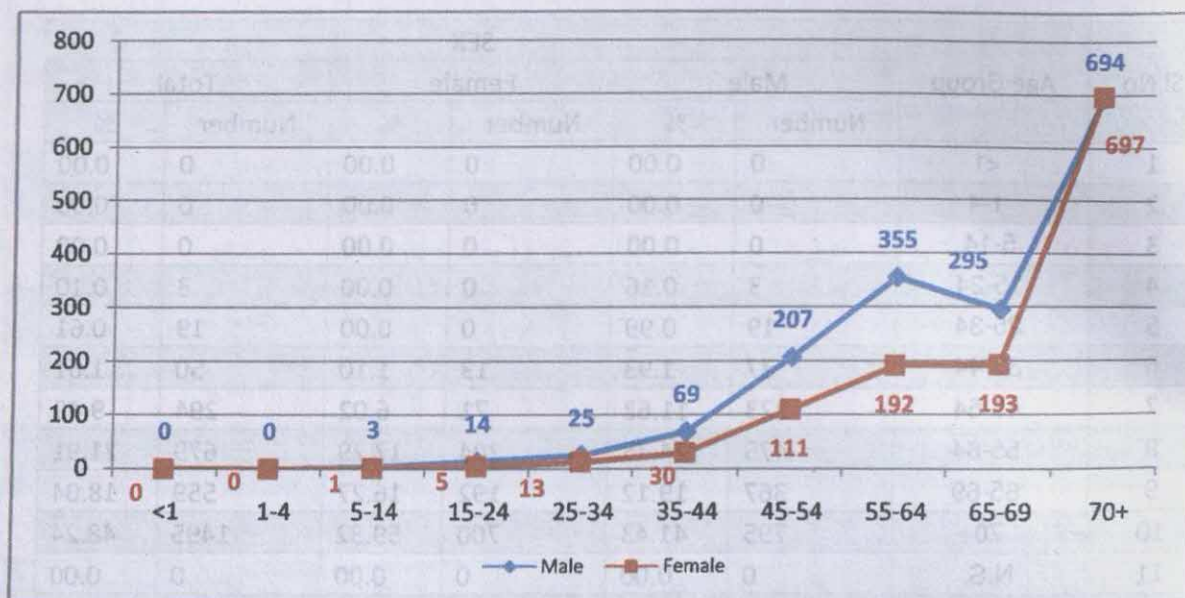
3.1.2 Cerebrovascular Diseases

The sub group 'Cerebrovascular Diseases' is reported to be the second highest cause of deaths constituting 36.27% 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 57.25% were males and 42.75% 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	
		Number	%	Number	%	Number	%
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	3	0.18	1	0.08	4	0.14
4	15-24	14	0.84	5	0.40	19	0.65
5	25-34	25	1.50	13	1.05	38	1.31
6	35-44	69	4.15	30	2.42	99	3.41
7	45-54	207	12.45	111	8.94	318	10.95
8	55-64	355	21.35	192	15.46	547	18.83
9	65-69	295	17.74	193	15.54	488	16.80
10	70+	694	41.73	697	56.12	1391	47.88
11	N.S.	1	0.06	0	0.00	1	0.03
TOTAL		1663	100	1242	100	2905	100

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



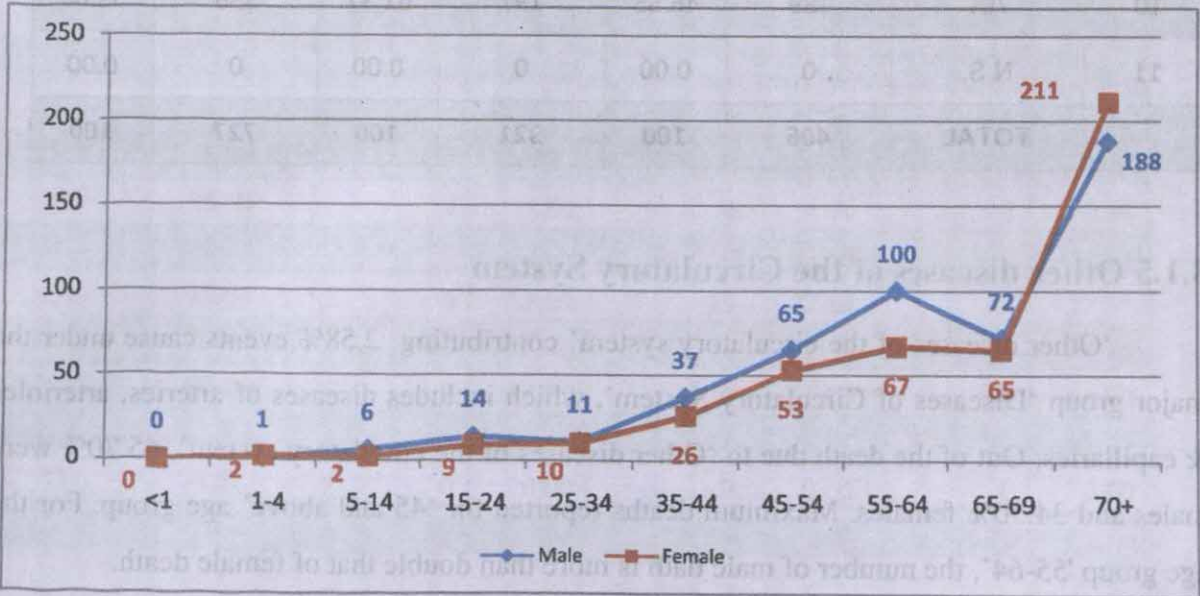
3.1.3 Diseases of Pulmonary Circulation and other forms of Heart Diseases.

‘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 and above, are under ICD I26-I51 disease category. Out of the total death due to ‘Diseases of Pulmonary Circulation and other forms of Heart Diseases’, 52.71% were males and 47.29% 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	
		Number	%	Number	%	Number	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	1	0.20	2	0.45	3	0.32
3	5-14	6	1.21	2	0.45	8	0.85
4	15-24	14	2.82	9	2.02	23	2.44
5	25-34	11	2.22	10	2.25	21	2.23
6	35-44	37	7.46	26	5.84	63	6.70
7	45-54	65	13.10	53	11.91	118	12.54
8	55-64	100	20.16	67	15.06	167	17.75
9	65-69	72	14.52	65	14.61	137	14.56
10	70+	188	37.90	211	47.42	399	42.40
11	N.S.	2	0.40	0	0.00	2	0.21
	TOTAL	496	100	445	100	941	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 9.08% the 'Diseases of Circulatory System'. More deaths reported in '55 and above' age group. Out of the death due to Hypertensive Diseases, 55.85% were males and 44.15% females. No death reported up to 24 years and up to 44 years the total percentage of death is only 1.24%.

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

Sl,No	Age Group	SEX					
		Male		Female		Total	
		Number	%	Number	%	Number	%
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	2	0.49	1	0.31	3	0.41
6	35-44	4	0.99	2	0.62	6	0.83
7	45-54	35	8.62	14	4.36	49	6.74
8	55-64	100	24.63	46	14.33	146	20.08
9	65-69	76	18.72	61	19.00	137	18.84
10	70+	189	46.55	197	61.37	386	53.09
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	406	100	321	100	727	100

3.1.5 Other diseases of the Circulatory System

'Other diseases of the circulatory system' contributing 2.58% 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', 65.70% were males and 34.30% females. Maximum deaths reported for '45 and above' age group. For the age group '55-64', the number of male dath is more than double that of female death.

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

Sl, No	Age Group	SEX					
		Male		Female		Total	
		Number	%	Number	%	Number	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	2	1.47	0	0.00	2	0.97
3	5-14	0	0.00	0	0.00	0	0.00
4	15-24	1	0.74	2	2.82	3	1.45
5	25-34	4	2.94	4	5.63	8	3.86
6	35-44	5	3.68	3	4.23	8	3.86
7	45-54	21	15.44	11	15.49	32	15.46
8	55-64	35	25.74	15	21.13	50	24.15
9	65-69	25	18.38	4	5.63	29	14.01
10	70+	43	31.62	32	45.07	75	36.23
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	136	100	71	100	207	100

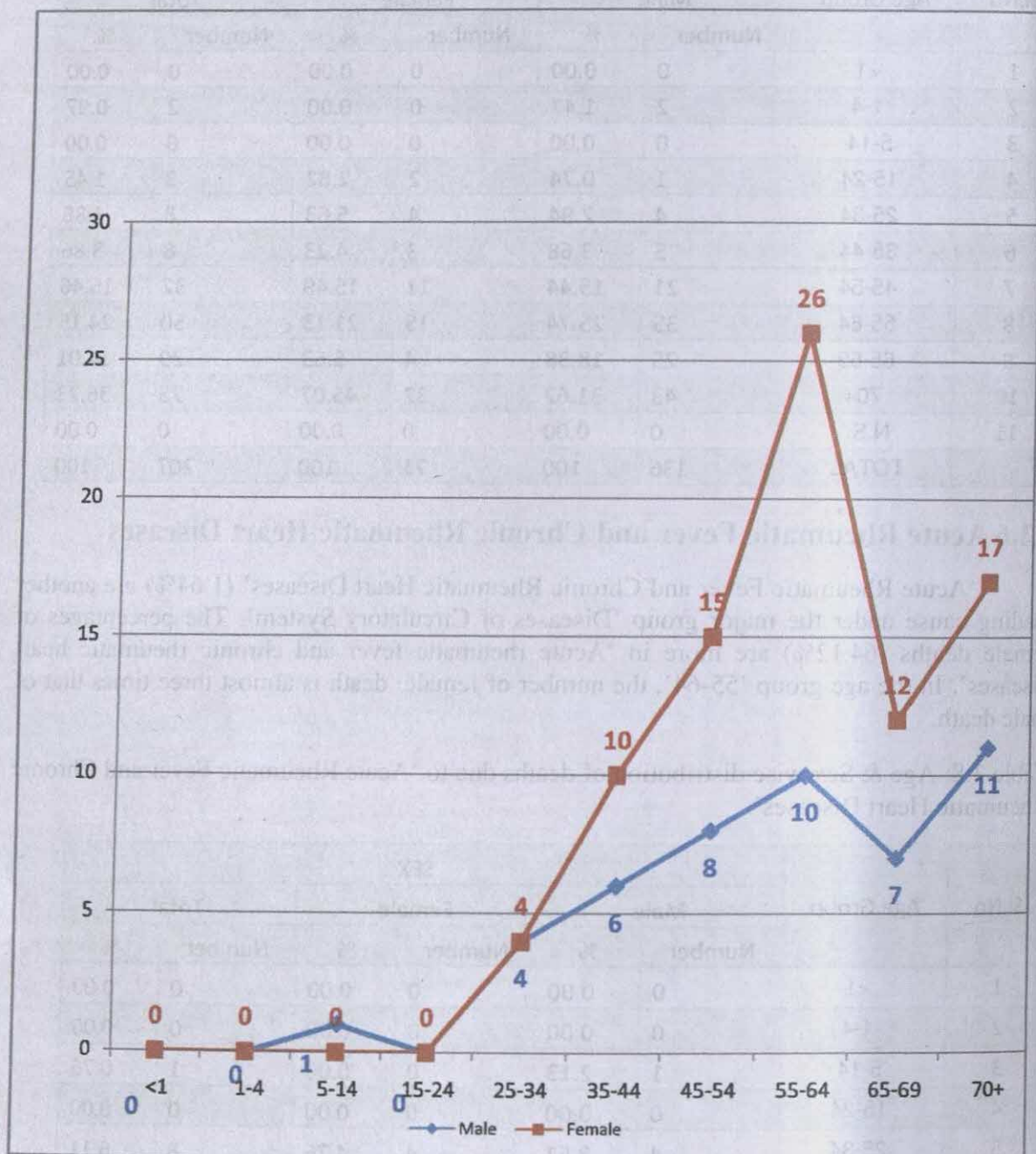
3.1.6 Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases

'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases' (1.64%) are another leading cause under the major group 'Diseases of Circulatory System'. The percentages of female deaths (64.12%) are more in 'Acute rheumatic fever and chronic rheumatic heart diseases'. In the age group '55-64', the number of female death is almost three times that of male death.

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

Sl, No	Age Group	SEX					
		Male		Female		Total	
		Number	%	Number	%	Number	%
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	2.13	0	0.00	1	0.76
4	15-24	0	0.00	0	0.00	0	0.00
5	25-34	4	8.51	4	4.76	8	6.11
6	35-44	6	12.77	10	11.90	16	12.21
7	45-54	8	17.02	15	17.86	23	17.56
8	55-64	10	21.28	26	30.95	36	27.48
9	65-69	7	14.89	12	14.29	19	14.50
10	70+	11	23.40	17	20.24	28	21.37
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	47	100	84	100	131	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):

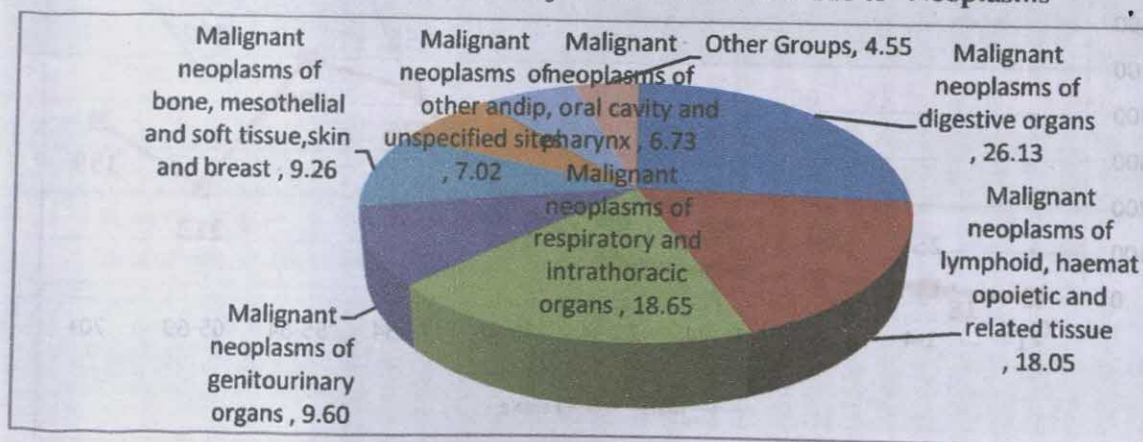
'Neoplasm', which is commonly known as Cancer, is responsible for 16.44% of the total Medically Certified Deaths. The percentage of deaths due to 'Neoplasms' in total males deaths is 16.43% as compared to the corresponding figure of 16.46% in case of female. Out of 4814 Neoplasm deaths, 2961 were males (61.51%) and 1853 females (38.49%). 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)	887	29.96	371	20.02	1258	26.13
2	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	517	17.46	352	19.00	869	18.05
3	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	735	24.82	163	8.80	898	18.65
4	Malignant neoplasms of genitourinary organs (C51-C68)	222	7.50	240	12.95	462	9.60
5	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	47	1.59	399	21.53	446	9.26
6	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	179	6.05	159	8.58	338	7.02
7	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	259	8.75	65	3.51	324	6.73
8	Other Groups	115	3.88	104	5.61	219	4.55
	Total Medically Certified Deaths due to Neoplasm	2961	100	1853	100	4814	100
	Deaths due to Neoplasm as percentage to total medically certified deaths	2961	16.43	1853	16.46	4814	16.44

Among the 'Neoplasm' deaths, 'Malignant Neoplasm of Digestive Organs' accounts for the highest mortality (26.13%), followed by 'Malignant Neoplasm of Respiratory and Intrathoracic Organs' (18.65%), 'Malignant of Lymphoid, Haematopoietic & other related tissue' (18.05%), 'Malignant neoplasms of genitourinary organs' (9.60%) and 'Malignant neoplasms of bone, mesothelium and soft tissue, skin and breast' (9.26%), 'Malignant neoplasms of other unspecified sites' (7.02%), and 'Malignant neoplasms of lip, oral cavity and pharynx' (6.73%) are other major causes.

Chart 3.6: Percentage distribution of major causes of deaths due to 'Neoplasms'



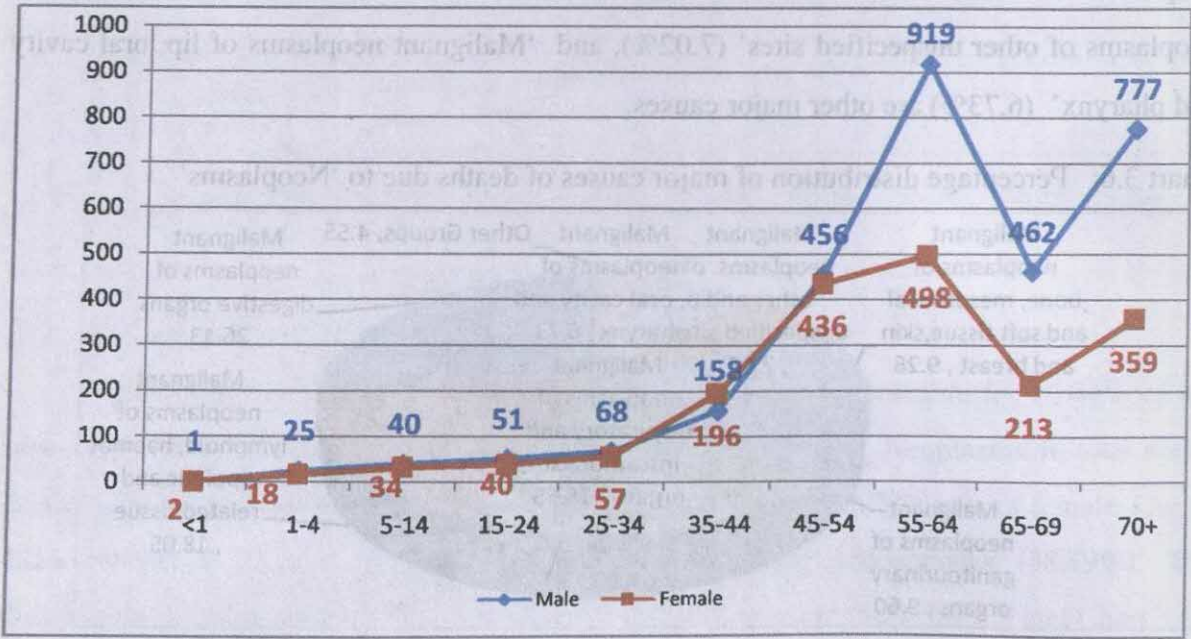
The number of 'Neoplasm' deaths are more in '45 and above' age group. The tendency of Neoplasm deaths are low for the male and female for the age group up to 44 and the gap become widen after '45 and above' age group. The age distribution of medically certified deaths due to 'Neoplasm' has been given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

Table 3.10: Age distribution of deaths due to 'Neoplasm'.

Sl,No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	1	0.03	2	0.11	3	0.06
2	1-4	25	0.84	18	0.97	43	0.89
3	5-14	40	1.35	34	1.83	74	1.54
4	15-24	51	1.72	40	2.16	91	1.89
5	25-34	68	2.30	57	3.08	125	2.60
6	35-44	158	5.34	196	10.58	354	7.35
7	45-54	456	15.40	436	23.53	892	18.53
8	55-64	919	31.04	498	26.88	1417	29.43
9	65-69	462	15.60	213	11.49	675	14.02
10	70+	777	26.24	359	19.37	1136	23.60
11	N.S.	4	0.14	0	0.00	4	0.08
	TOTAL	2961	100	1853	100	4814	100

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

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



3.2.1 Malignant Neoplasms of Digestive Organs

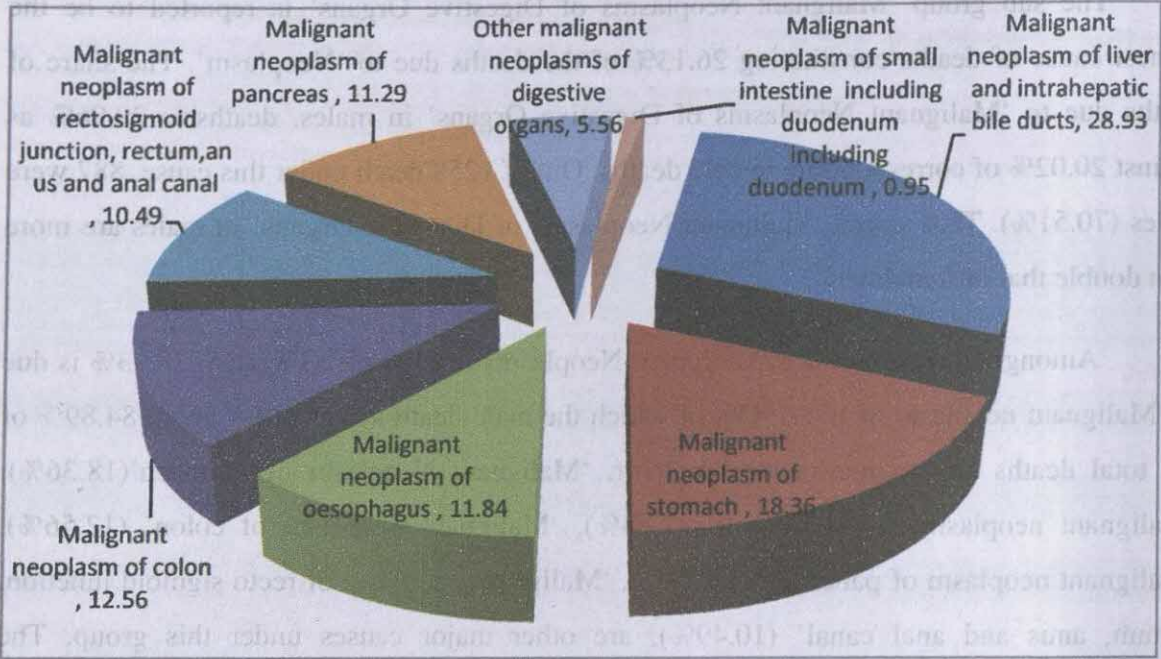
The sub group 'Malignant Neoplasms of Digestive Organs' is reported to be the highest cause of deaths constituting 26.13% of the deaths due to 'Neoplasm'. The share of deaths due to 'Malignant Neoplasms of Digestive Organs' in males, deaths is 29.96% as against 20.02% of corresponding female deaths. Out of 1258 death under this cause, 887 were males (70.51%). 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', 28.93% is due to 'Malignant neoplasm of liver'. Out of which the male death accounts for about 84.89% of the total deaths due to malignancy in liver. 'Malignant Neoplasm of Stomach'(18.36%), 'Malignant neoplasm of oesophagus'(11.84%), 'Malignant neoplasm of colon' (12.56%), 'Malignant neoplasm of pancreas' (11.29%), 'Malignant neoplasm of recto sigmoid junction, rectum, anus and anal canal' (10.49%), 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	309	34.84	55	14.82	364	28.93
2	Malignant neoplasm of stomach	158	17.81	73	19.68	231	18.36
3	Malignant neoplasm of colon	92	10.37	66	17.79	158	12.56
4	Malignant neoplasm of oesophagus	112	12.63	37	9.97	149	11.84
5	Malignant neoplasm of pancreas	86	9.70	56	15.09	142	11.29
6	Malignant neoplasm of rectosigmoid junction, rectum,anus and anal canal	76	8.57	56	15.09	132	10.49
7	Other malignant neoplasms of digestive organs	47	5.30	23	6.20	70	5.56
8	Malignant neoplasm of small intestine including duodenum	7	0.79	5	1.35	12	0.95
	Total Medically Certified Deaths due to 'Malignant neoplasms of digestive organs'	887	100	371	100	1258	100
	Deaths due to 'Malignant neoplasms of digestive organs' as percentage to total Neoplasm deaths.		29.96		20.02		26.13

Chart 3.8: Percentage distribution of major causes of deaths due to ‘Malignant Neoplasms of Digestive Organs’ under MCCD – 2017

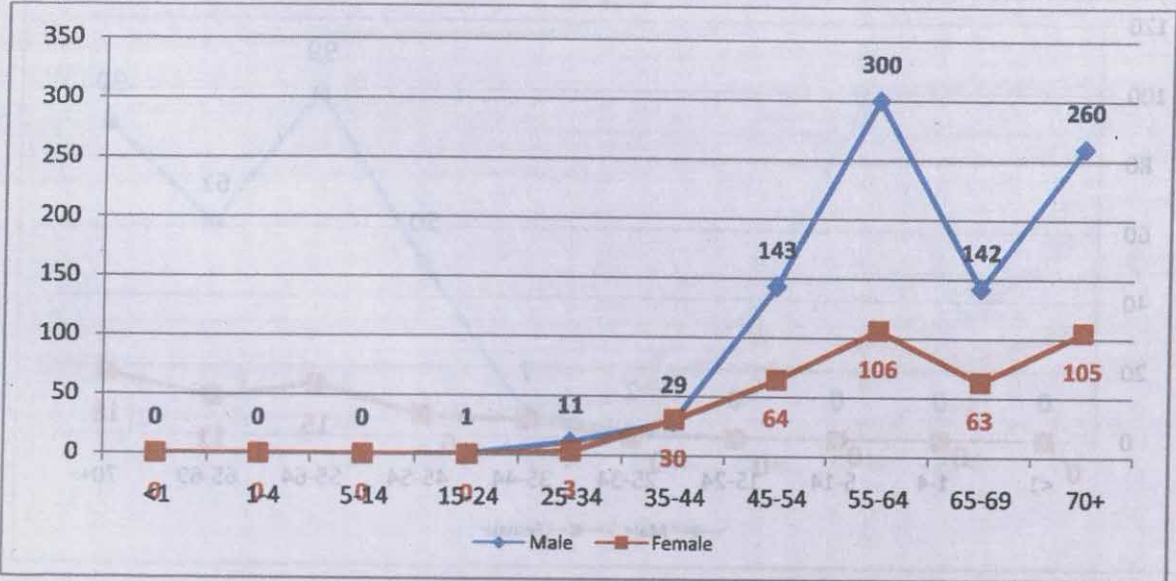


Comparatively less number of ‘Malignant Neoplasms of Digestive Organs’ death occurred for ‘25 and below’ age group. Number of deaths are more in ‘55 and above’ age group. Number of death is almost the same for male and female for the age up to 34 under this group. For ‘35 and above’ age, male deaths 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	0	0.00	0	0.00	0	0.00
4	15-24	1	0.11	0	0.00	1	0.08
5	25-34	11	1.24	3	0.81	14	1.11
6	35-44	29	3.27	30	8.09	59	4.69
7	45-54	143	16.12	64	17.25	207	16.45
8	55-64	300	33.82	106	28.57	406	32.27
9	65-69	142	16.01	63	16.98	205	16.30
10	70+	260	29.31	105	28.30	365	29.01
11	N.S.	1	0.11	0	0.00	1	0.08
	TOTAL	887	100	371	100	1258	100

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



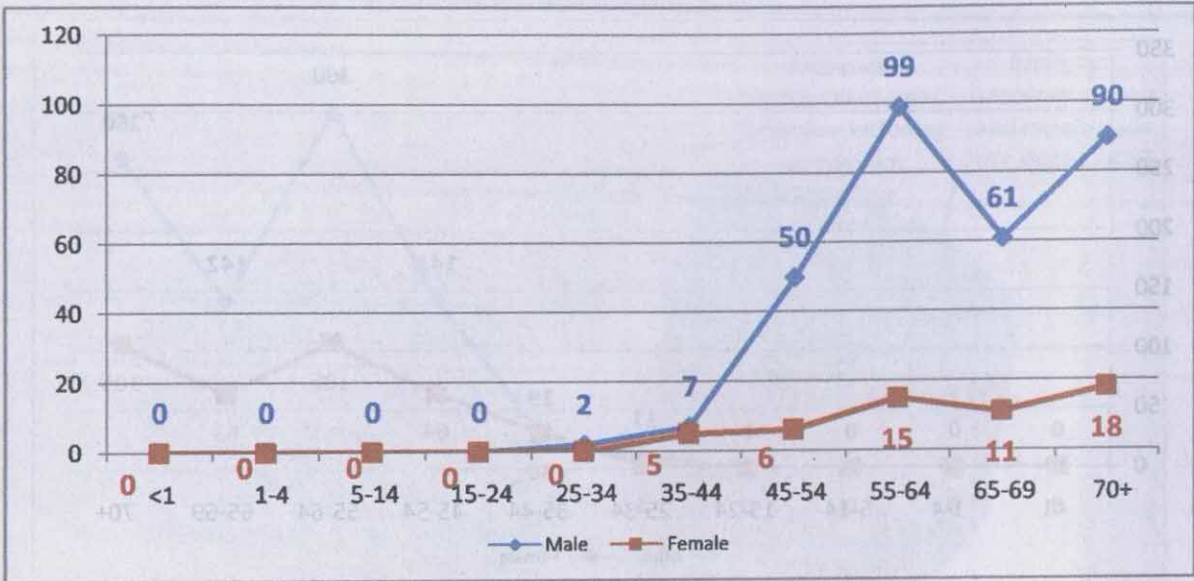
3.2.1.1 Malignant Neoplasm of Liver

Among the death covered under 'Malignant Neoplasms of Digestive Organs', 28.93% is due to 'Malignant neoplasm of liver'. Out of 364 deaths due to 'Malignant neoplasm of liver', 309 were male deaths (84.89%). This is more than five times 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	0	0.00	0	0.00	0	0.00
4	15-24	0	0.00	0	0.00	0	0.00
5	25-34	2	0.65	0	0.00	2	0.55
6	35-44	7	2.27	5	9.09	12	3.30
7	45-54	50	16.18	6	10.91	56	15.38
8	55-64	99	32.04	15	27.27	114	31.32
9	65-69	61	19.74	11	20.00	72	19.78
10	70+	90	29.13	18	32.73	108	29.67
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		309	100	55	100	364	100

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



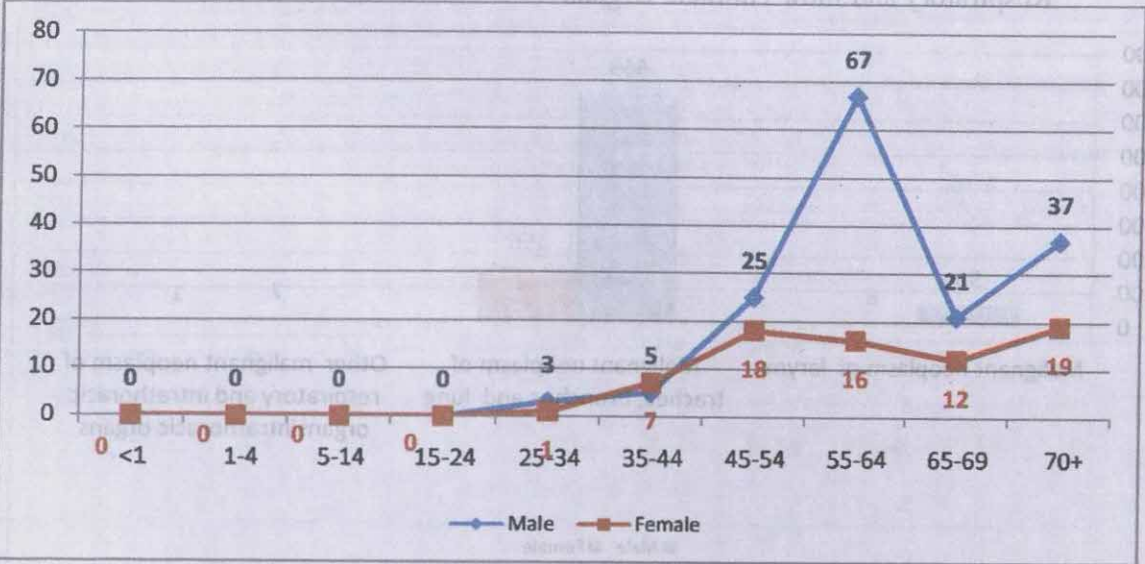
3.2.1.2 Malignant Neoplasm of Stomach

Among the death covered under 'Malignant Neoplasms of Digestive Organs', 18.36% is due to 'Malignant Neoplasm of Stomach' and the incidence of deaths are occur in males. Out of 231 deaths due to 'Malignant Neoplasm of Stomach', 158 were male deaths (68.40%). 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	0	0.00	0	0.00	0	0.00
5	25-34	3	1.90	1	1.37	4	1.73
6	35-44	5	3.16	7	9.59	12	5.19
7	45-54	25	15.82	18	24.66	43	18.61
8	55-64	67	42.41	16	21.92	83	35.93
9	65-69	21	13.29	12	16.44	33	14.29
10	70+	37	23.42	19	26.03	56	24.24
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		158	100	73	100	231	100

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



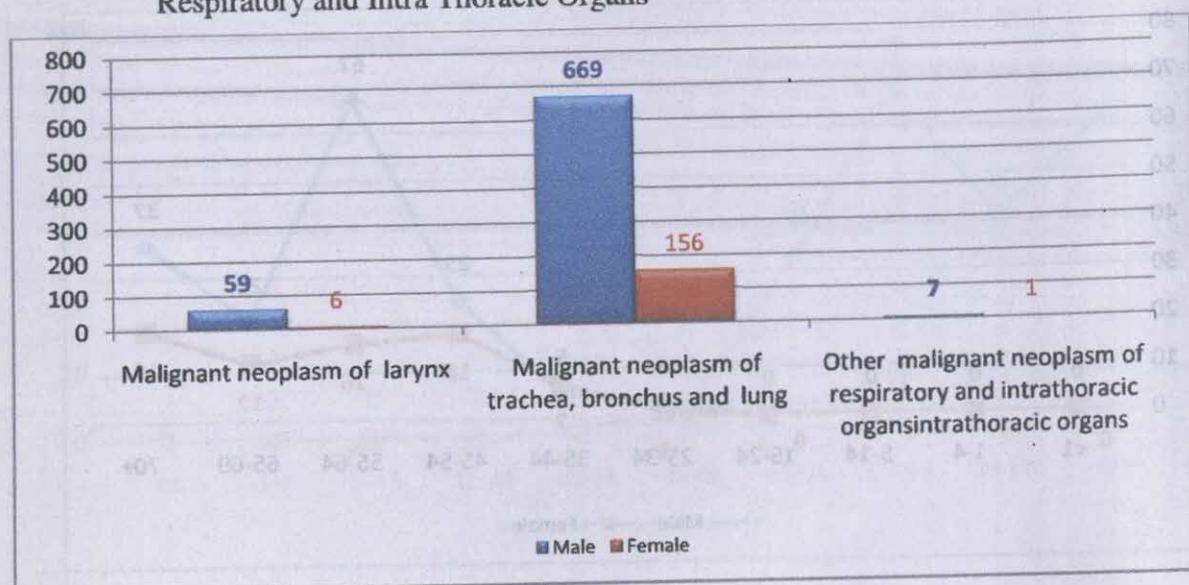
3.2.2 Malignant Neoplasm of Respiratory and Intra Thoracic Organs

The sub group 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' is reported to be the second highest cause of deaths constituting 18.65% of the 'Neoplasm' deaths. Among the death covered under 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs', 91.87% 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	59	8.03	6	3.68	65	7.24
2	Malignant neoplasm of trachea, bronchus and lung	669	91.02	156	95.71	825	91.87
3	Other malignant neoplasm of respiratory and intrathoracic organs	7	0.95	1	0.61	8	0.89
Total Medically Certified Deaths due to Malignant neoplasms of respiratory and intrathoracic organs		735	100	163	100	898	100
Deaths due to 'Malignant neoplasms of respiratory and intrathoracic organs' as percentage to total Neoplasm deaths.		2961	24.82	1853	8.80	4814	18.65

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



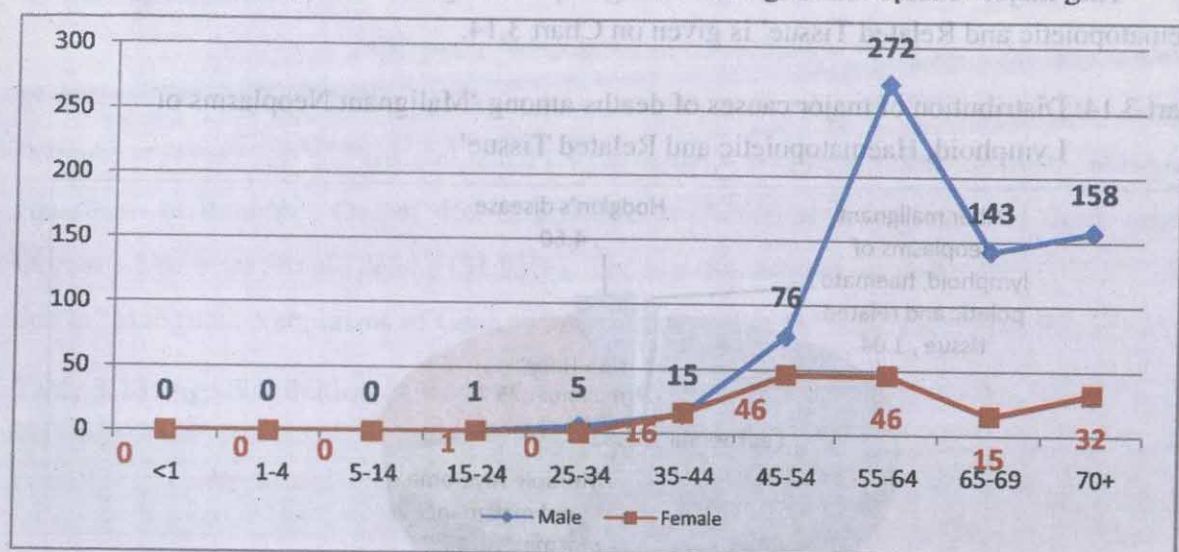
Among deaths caused by 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' about 75.00% is due to Lung Cancer in male. Lung Cancer in male alone accounts for around 13.90% of total male Neoplasm deaths. Out of 825 deaths due to 'Malignant Neoplasm of Lungs', 669 were male deaths (81.09%). This is almost four 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	1	0.64	1	0.12
5	25-34	5	0.75	0	0.00	5	0.61
6	35-44	15	2.24	16	10.26	31	3.76
7	45-54	76	11.34	46	29.49	122	14.79
8	55-64	272	40.60	46	29.49	318	38.55
9	65-69	143	21.34	15	9.62	158	19.15
10	70+	158	23.58	32	20.51	190	23.03
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		670	100	156	100	825	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 18.05% 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 17.46% as compared to 19.00% of corresponding male deaths.

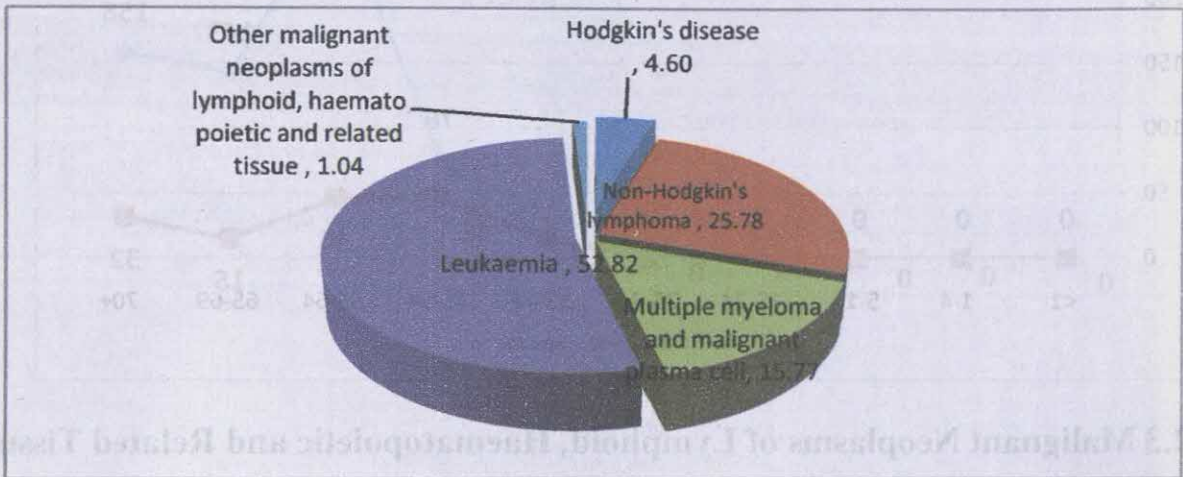
Among the death covered under the group, 52.82% is due to 'Leukaemia'. 'Non-Hodgkin's lymphoma' (25.78%), 'Multiple myeloma and malignant plasma cell' (15.77%) are other major causes. The distribution of major causes of deaths under the group is given in the Table 3.17.

Table 3.17: 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	256	49.52	203	57.67	459	52.82
2	Non-Hodgkin's lymphoma	140	27.08	84	23.86	224	25.78
3	Multiple myeloma and malignant plasma cell	86	16.63	51	14.49	137	15.77
4	Other malignant neoplasms of lymphoid, haematopoietic and related tissue	9	1.74	0	0.00	9	1.04
5	Hodgkin's disease	26	5.03	14	3.98	40	4.60
Total Medically Certified Deaths due to Malignant neoplasms of lymphoid, haematopoietic and related tissue		517	100	352	100	869	100

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

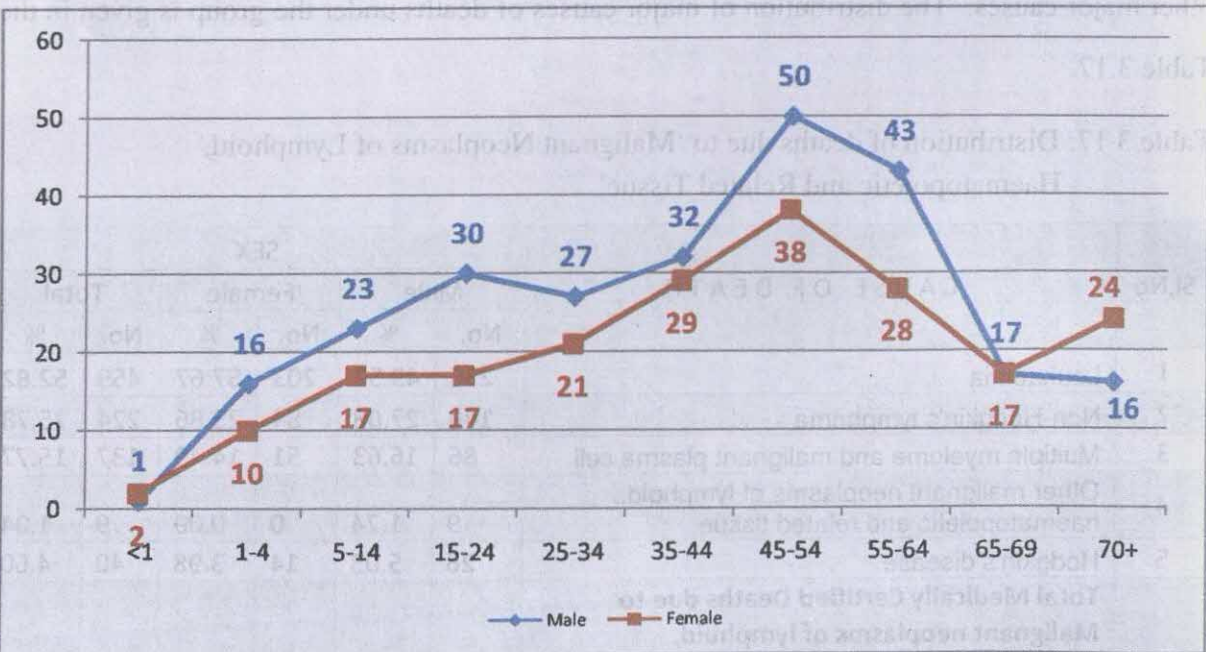
Chart 3.14: Distribution of major causes of deaths among 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue'



3.2.3.1 Leukaemia

In the sub group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue', 52.82% of death is due to Leukaemia. It occurred in all age groups and maximum number of deaths in the age group '45-54'. 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'



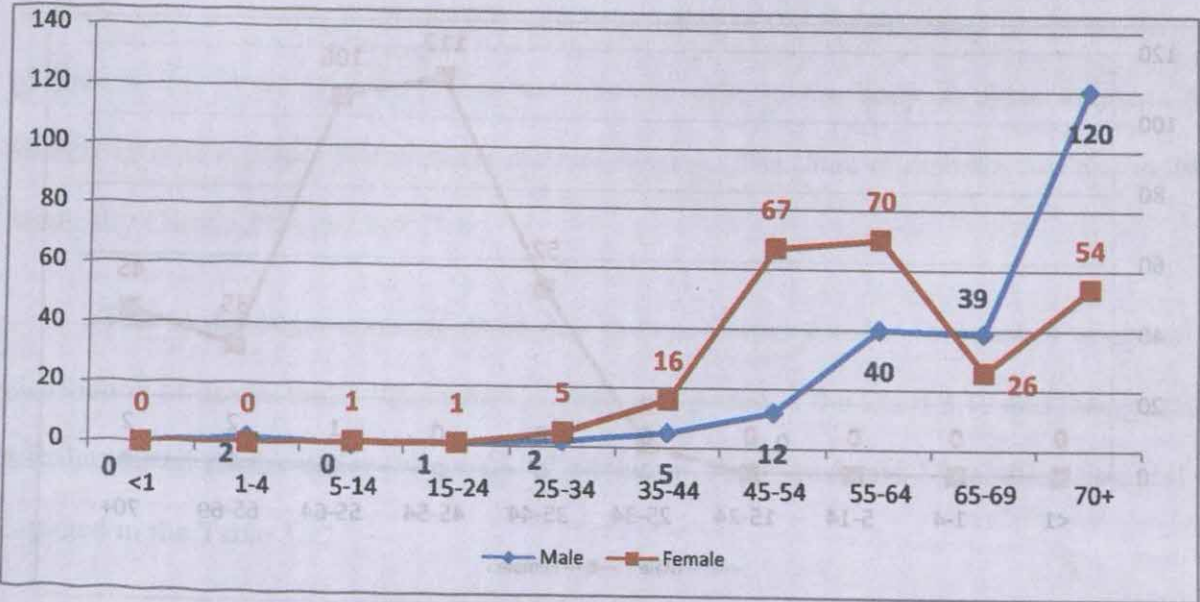
3.2.4 Malignant Neoplasms of Genitourinary Organs

Under the cause, 'Malignant Neoplasms of Genitourinary Organs', 26.19% is due to 'Malignant Neoplasm of Ovary'. Under this group 25.97% of male neoplasm death is due to 'Malignant Neoplasm of Prostate' and 11.91% of male neoplasm death is due to 'Malignant Neoplasm of Bladder'. Out of 462 deaths due to 'Malignant Neoplasms of Genitourinary Organs', 240 were female deaths (51.95%). 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	2	0.90	0	0.00	2	0.43
3	5-14	0	0.00	1	0.42	1	0.22
4	15-24	1	0.45	1	0.42	2	0.43
5	25-34	2	0.90	5	2.08	7	1.52
6	35-44	5	2.25	16	6.67	21	4.55
7	45-54	12	5.41	67	27.92	79	17.10
8	55-64	40	18.02	70	29.17	110	23.81
9	65-69	39	17.57	26	10.83	65	14.07
10	70+	120	54.05	54	22.50	174	37.66
11	N.S.	1	0.45	0	0.00	1	0.22
	TOTAL	222	100	240	100	462	100

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



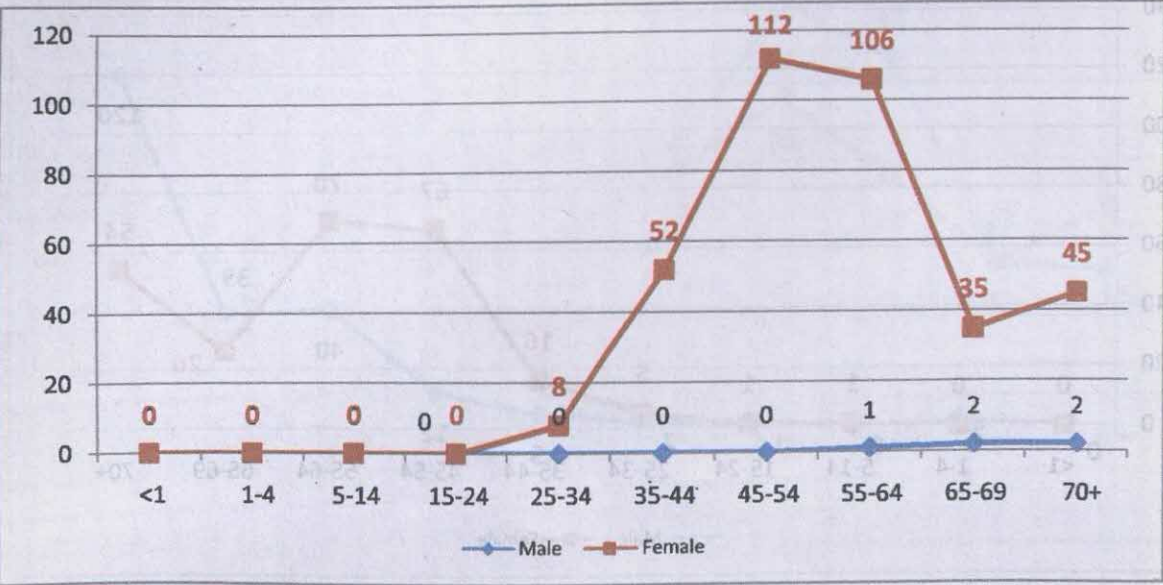
3.2.5 Malignant Neoplasms of Bone, Mesothelial and Soft Tissue, Skin and Breast

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 9.26% of the ‘Neoplasm’. Among deaths caused by ‘Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast’ about 80.27% is due to Breast Cancer in female. Breast Cancer alone accounts 19.32% of the total female Neoplasm death. Number of female death due to breast cancer is more in the age group ‘45-64’. 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	8	2.23	8	2.20
6	35-44	0	0.00	52	14.53	52	14.33
7	45-54	0	0.00	112	31.28	112	30.85
8	55-64	1	0.00	106	29.61	107	29.48
9	65-69	2	0.00	35	9.78	37	10.19
10	70+	2	0.00	45	12.57	47	12.95
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	5	0	358	100	363	100

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



3.2.6 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 52.96% and 47.04% respectively which constitute about 7.02% of the total Neoplasm deaths.

3.2.7 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 79.94% and 20.06% respectively which is about 6.73% 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' 2.16%, 'Benign neoplasms' 1.54%, and 'Other unspecified neoplasm' 0.8% are reported under Medically Certified Deaths.

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

This is the third leading cause group which has caused to 11.00% 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 88.82% of total deaths reported under the cause group. The share of diabetes mellitus in total Medically Certified Deaths is 9.77%.

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 3.18: Age & Sex wise distribution of deaths due to 'Diabetes Mellitus'

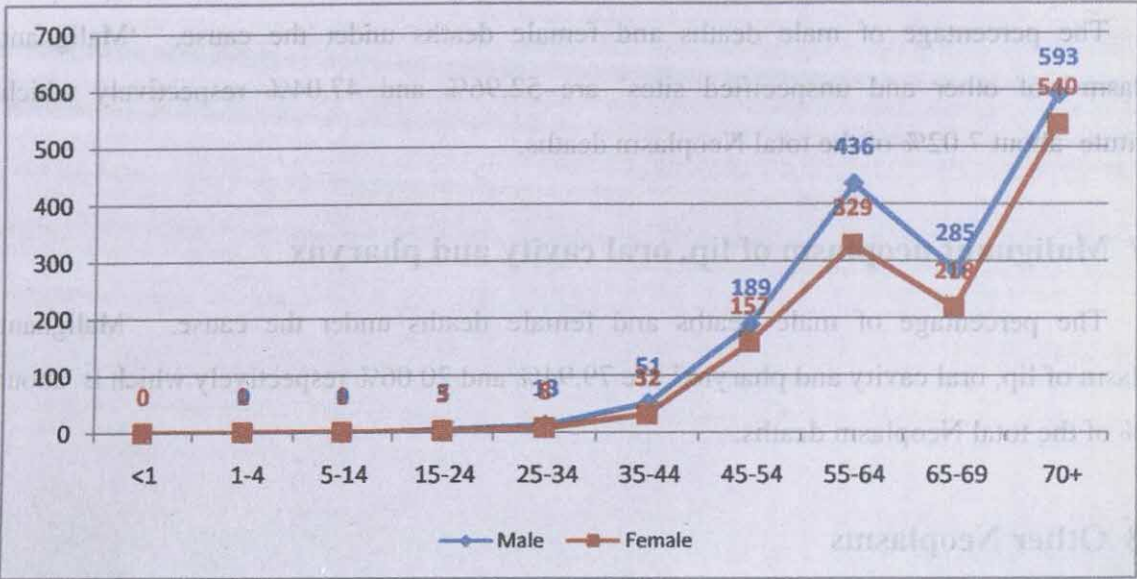


Table 3.20: Age & Sex wise distribution of deaths due to 'Endocrine, Nutritional and Metabolic Diseases'

Sl,No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	9	0.52	8	0.54	17	0.53
2	1-4	5	0.29	7	0.47	12	0.37
3	5-14	2	0.12	5	0.34	7	0.22
4	15-24	7	0.40	7	0.47	14	0.43
5	25-34	21	1.21	8	0.54	29	0.90
6	35-44	58	3.35	40	2.68	98	3.04
7	45-54	205	11.85	170	11.40	375	11.64
8	55-64	455	26.30	356	23.88	811	25.18
9	65-69	305	17.63	234	15.69	539	16.73
10	70+	663	38.32	656	44.00	1319	40.95
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		1730	100.00	1491	100.00	3221	100.00

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

'Diseases of Respiratory System' is the fourth leading cause which responsible for 10.21% of the total Medically Certified Deaths. This is one of the main reasons for death among males. This has contributed to 11.00% of male 8.90% 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 3.21.

Table 3.21: 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)	2	0.10	1	0.10	3	0.10
2	Lower respiratory diseases (J20-J22 & J40-J47)	1498	75.58	624	61.90	2122	70.97
3	Other diseases of the respiratory system (J10-J18,J60-J98)	482	24.32	383	38.00	865	28.93
	Total Medically Certified Deaths due to Diseases of Respiratory System	1982	100	1008	100	2990	100
	Deaths due to Diseases of Respiratory System as percentage to total medically certified deaths	1982	11	1008	8.95	2990	10.21

‘Lower Respiratory disorders’ is the leading cause of death, and has caused 70.97% of total deaths under the major cause group ‘Diseases of Respiratory System’. Out of 2122 death happened in this group, 1498 were male (70.59%). Chronic Obstructive Pulmonary Disease (COPD) is the major cause, which is 66.72% of the death reported under ‘Respiratory System Disease’. The percentage share of Chronic Obstructive Pulmonary Disease (COPD) to the total Medically Certified Deaths is 6.81%. It is followed by ‘Other Diseases of the Respiratory System’ (28.93%), which includes ‘Pneumonia’ an Inflammatory illness of the lung. It is one of the leading cause of death in this major group which about 13.51% of the deaths reported under ‘Respiratory System Disease’. The percentage share of Pneumonia to the total Medically Certified Deaths is 1.38%.

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

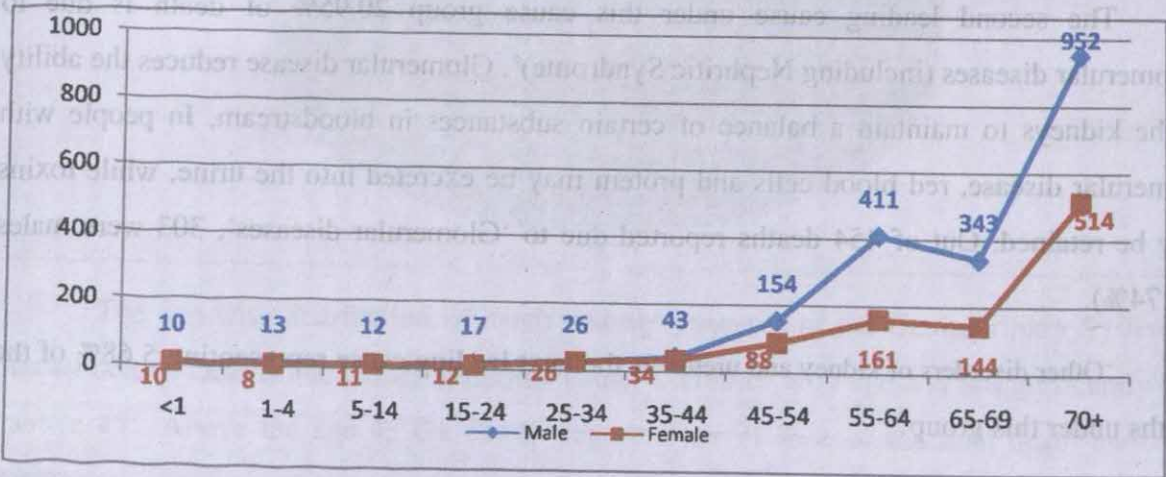


Table 3.22: Age & Sex wise distribution of deaths due to 'Diseases of Respiratory System'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	10	0.50	10	0.99	20	0.67
2	1-4	13	0.66	8	0.79	21	0.70
3	5-14	12	0.61	11	1.09	23	0.77
4	15-24	17	0.86	12	1.19	29	0.97
5	25-34	26	1.31	26	2.58	52	1.74
6	35-44	43	2.17	34	3.37	77	2.58
7	45-54	154	7.77	88	8.73	242	8.09
8	55-64	411	20.74	161	15.97	572	19.13
9	65-69	343	17.31	144	14.29	487	16.29
10	70+	952	48.03	514	50.99	1466	49.03
11	N.S.	1	0.05	0	0.00	1	0.03
	TOTAL	1982	100	1008	100	2990	100

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

The major group comprising 'Diseases of the Genitourinary System' is the fifth leading cause group, responsible for 7.40% of the total Medically Certified Deaths with 7.57% of male and 7.12% of female deaths to their respective total Medically Certified Deaths. The percentage of male deaths to total death under this group is 62.99%.

The distribution of major causes of deaths under this group is given in the Table 3.36 and highlighted in Chart 3.20. The leading cause under this category is due to 'Renal failure' (66.54%). Out of 1442 deaths due to 'Renal failure', 918 were males (63.66%).

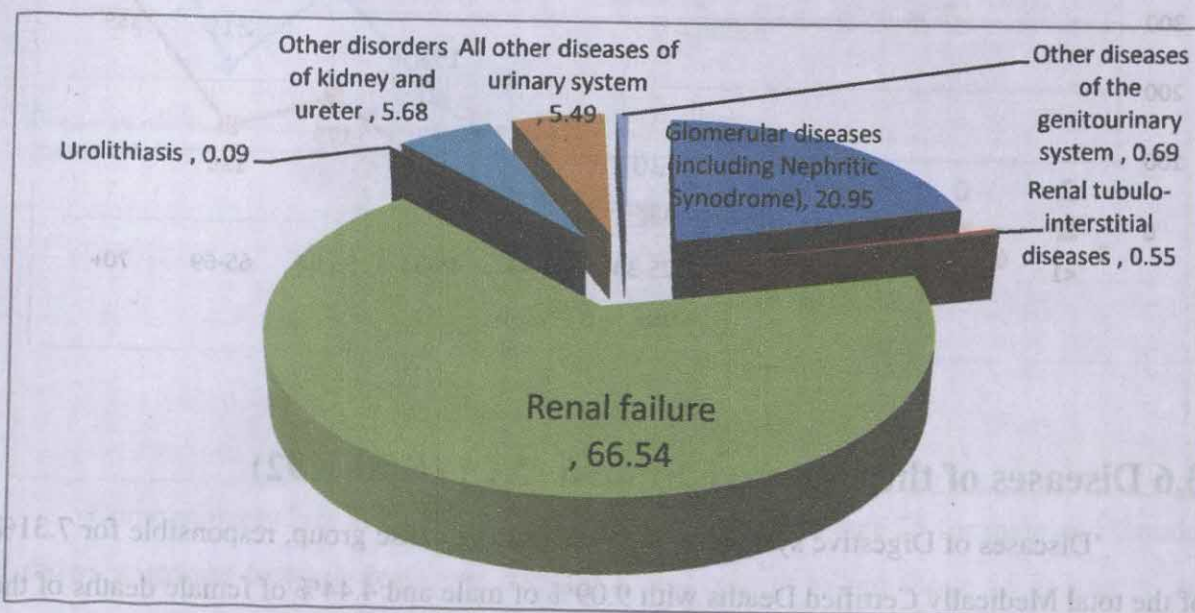
The second leading cause under this cause group 20.95% of death is due to 'Glomerular diseases (including Nephritic Syndrome)'. Glomerular disease reduces the ability of the kidneys to maintain a balance of certain substances in bloodstream. In people with glomerular disease, red blood cells and protein may be excreted into the urine, while toxins may be retained. Out of 454 deaths reported due to 'Glomerular diseases', 303 were males (66.74%).

'Other disorders of kidney and ureter' is the next leading cause representing 5.68% of the deaths under this group.

Table 3.23: 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)	303	22.20	151	18.83	454	20.95
2	Renal failure	918	67.25	524	65.34	1442	66.54
3	All other diseases of urinary system	50	3.66	69	8.60	119	5.49
4	Other disorders of kidney and ureter	74	5.42	49	6.11	123	5.68
5	Renal tubulo-interstitial diseases	6	0.44	6	0.75	12	0.55
6	Other diseases of the genitourinary system	14	1.03	1	0.12	15	0.69
7	Urolithiasis	0	0.00	2	0.25	2	0.09
	Total Medically Certified Deaths due to DISEASES OF THE GENITOURINARY SYSTEM	1365	100	802	100	2167	100
	Deaths due to DISEASES OF THE GENITOURINARY SYSTEM as percentage to total medically certified deaths		7.57		7.12		7.40

Chart 3.20: Distribution of major causes of deaths among 'Diseases of the Genitourinary System'

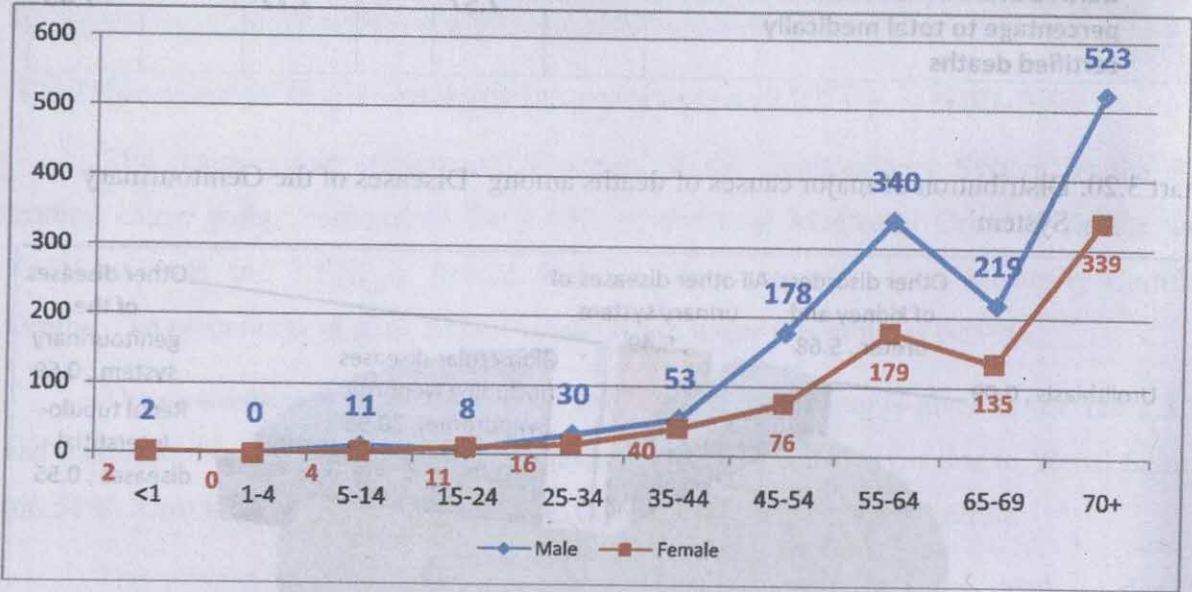


The age wise distribution of death among 'Diseases of the Genitourinary System' is shown below. Deaths due to this underline cause increases with age and is significantly high 'above 45'. Above the age 45 the deaths reported are 91.79% of the total death under the group.

Table 3.24: Age & 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	0.15	2	0.25	4	0.18
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	11	0.81	4	0.50	15	0.69
4	15-24	8	0.59	11	1.37	19	0.88
5	25-34	30	2.20	16	2.00	46	2.12
6	35-44	53	3.88	40	4.99	93	4.29
7	45-54	178	13.04	76	9.48	254	11.72
8	55-64	340	24.91	179	22.32	519	23.95
9	65-69	219	16.04	135	16.83	354	16.34
10	70+	523	38.32	339	42.27	862	39.78
11	N.S.	1	0.07	0	0.00	1	0.05
	TOTAL	1365	100.00	802	100.00	2167	100.00

Chart 3.21: Age & Sex wise distribution of major causes of deaths among ‘Diseases of the Genitourinary System’



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

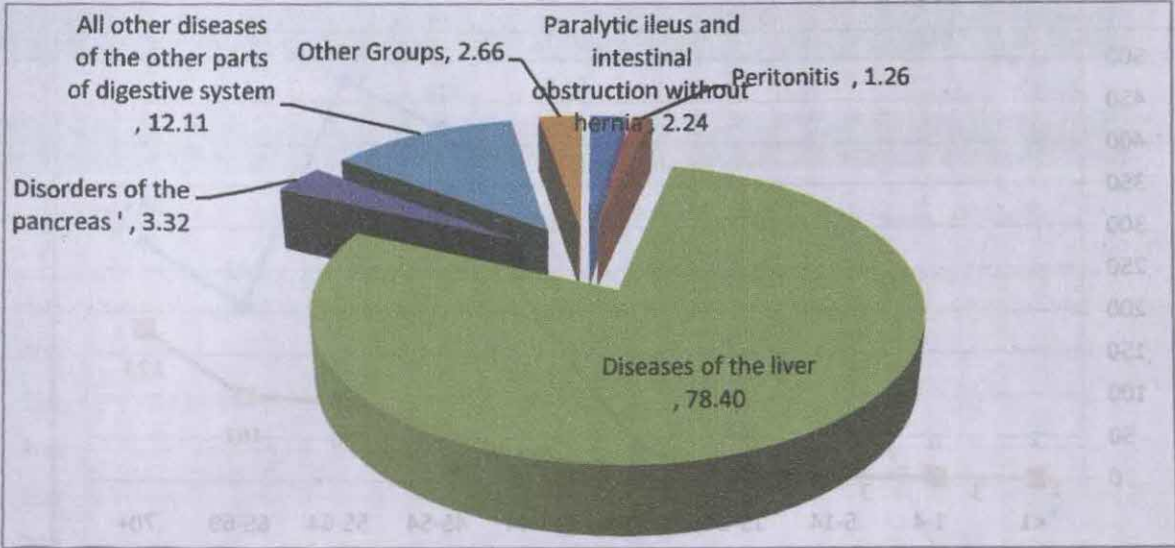
‘Diseases of Digestive system’ is the fifth leading cause group, responsible for 7.31% of the total Medically Certified Deaths with 9.09% of male and 4.44% of female deaths of the respective total Medically Certified Deaths. The percentage of male digestive disorder deaths to total Medically Certified Deaths is around three times to that of corresponding female deaths. 76.62% 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 3.25: 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	31	1.89	17	3.40	48	2.24
2	Peritonitis	19	1.16	8	1.60	27	1.26
3	Diseases of the liver	1332	81.27	345	69.00	1677	78.40
4	Disorders of the pancreas '	54	3.29	17	3.40	71	3.32
5	All other diseases of the other parts of digestive system	171	10.43	88	17.60	259	12.11
6	Other Groups	32	1.95	25	5.00	57	2.66
	Total Medically Certified Deaths due to digestive system	1639	100.00	500	100.00	2139	100.00
	Deaths due to digestive system as percentage to total medically certified deaths	1639	9.09	500	4.44	2139	7.31

Chart 3.22: Distribution of major causes of deaths due to ‘Diseases of Digestive System’

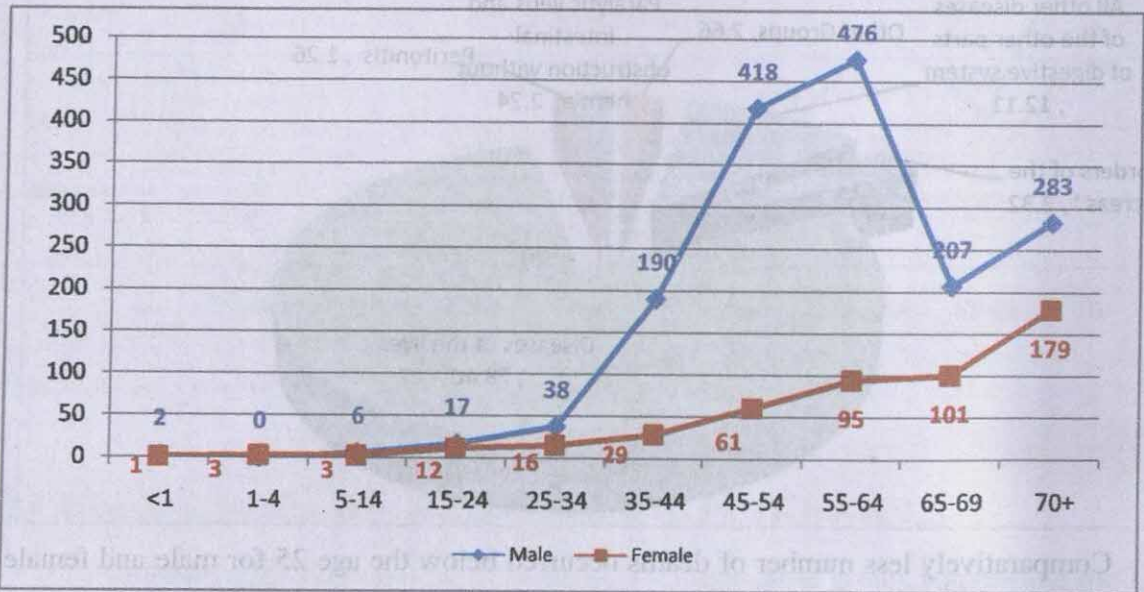


Comparatively less number of deaths occurred below the age 25 for male and female. It shows a upward trend in death rate for males with respect to age above 25 and more. As revealed from the Table 3.26, the number of deaths are more for the age group ‘45-54’ and ‘55-64’. The age composition of deaths due to ‘Diseases of Digestive system’ is presented in Table 3.26 and is highlighted in Chart 3.23.

Table 3.26: Age & Sex wise distribution of deaths due to ‘Diseases of Digestive System’ under MCCD-2017

Sl,No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	2	0.12	1	0.20	3	0.14
2	1-4	0	0.00	3	0.60	3	0.14
3	5-14	6	0.37	3	0.60	9	0.42
4	15-24	17	1.04	12	2.40	29	1.36
5	25-34	38	2.32	16	3.20	54	2.52
6	35-44	190	11.59	29	5.80	219	10.24
7	45-54	418	25.50	61	12.20	479	22.39
8	55-64	476	29.04	95	19.00	571	26.69
9	65-69	207	12.63	101	20.20	308	14.40
10	70+	283	17.27	179	35.80	462	21.60
11	N.S.	2	0.12	0	0.00	2	0.09
TOTAL		1639	100.00	500	100.00	2139	100.00

Chart 3.23: Age & Sex wise distribution of deaths due to ‘Diseases of Digestive System’ under MCCD-2017



3.6.1 Diseases of the liver

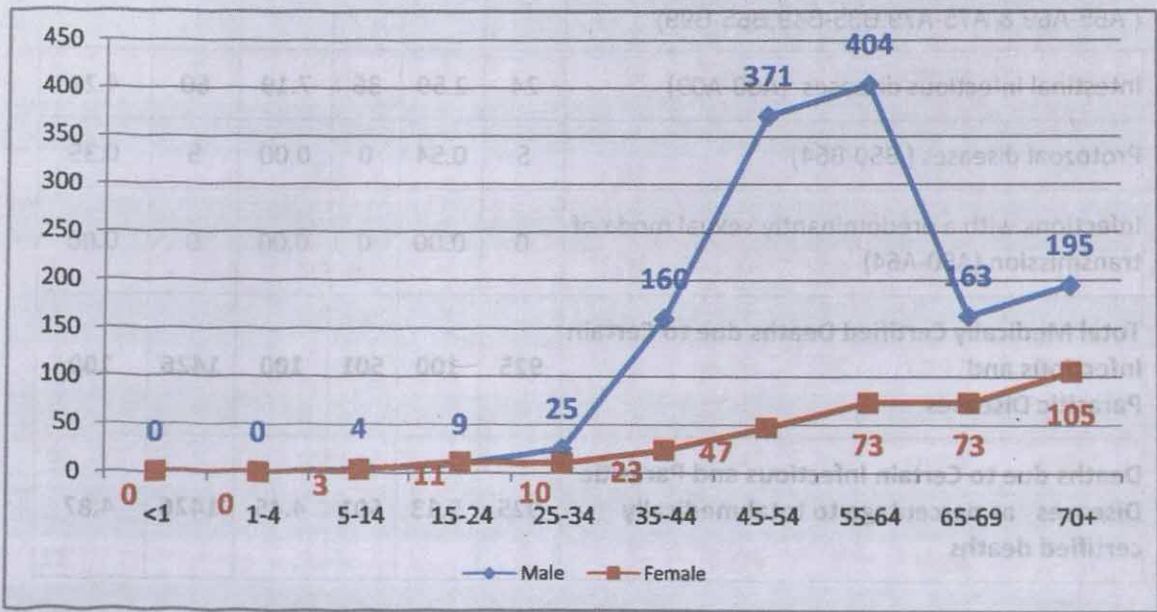
78.40% of cause under ‘Diseases of Digestive System’ is ‘Diseases of the liver’. Out of 1677 death reported due to ‘Diseases of the liver’, 1332 were males 79.43%. The male deaths due to ‘Diseases of the liver’, is 4.55% of the total Medically Certified Deaths, and 7.39% of total Medically Certified male Deaths.

The age wise distribution of death due to disease of liver is shown in Table 3.27. 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. 85.33% of deaths was reported in the age 45 and above age group. This is highlighted in Chart 3.24.

Table 3.27: 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	0	0.00	0	0.00	0	0.00
3	5-14	4	0.30	3	0.87	7	0.42
4	15-24	9	0.68	11	3.19	20	1.19
5	25-34	25	1.88	10	2.90	35	2.09
6	35-44	160	12.01	23	6.67	183	10.91
7	45-54	371	27.85	47	13.62	418	24.93
8	55-64	404	30.33	73	21.16	477	28.44
9	65-69	163	12.24	73	21.16	236	14.07
10	70+	195	14.64	105	30.43	300	17.89
11	N.S.	1	0.08	0	0.00	1	0.06
TOTAL		1332	100.00	345	100.00	1677	100.00

Chart 3.24: Age & Sex wise distribution of death due to 'Diseases of the liver'



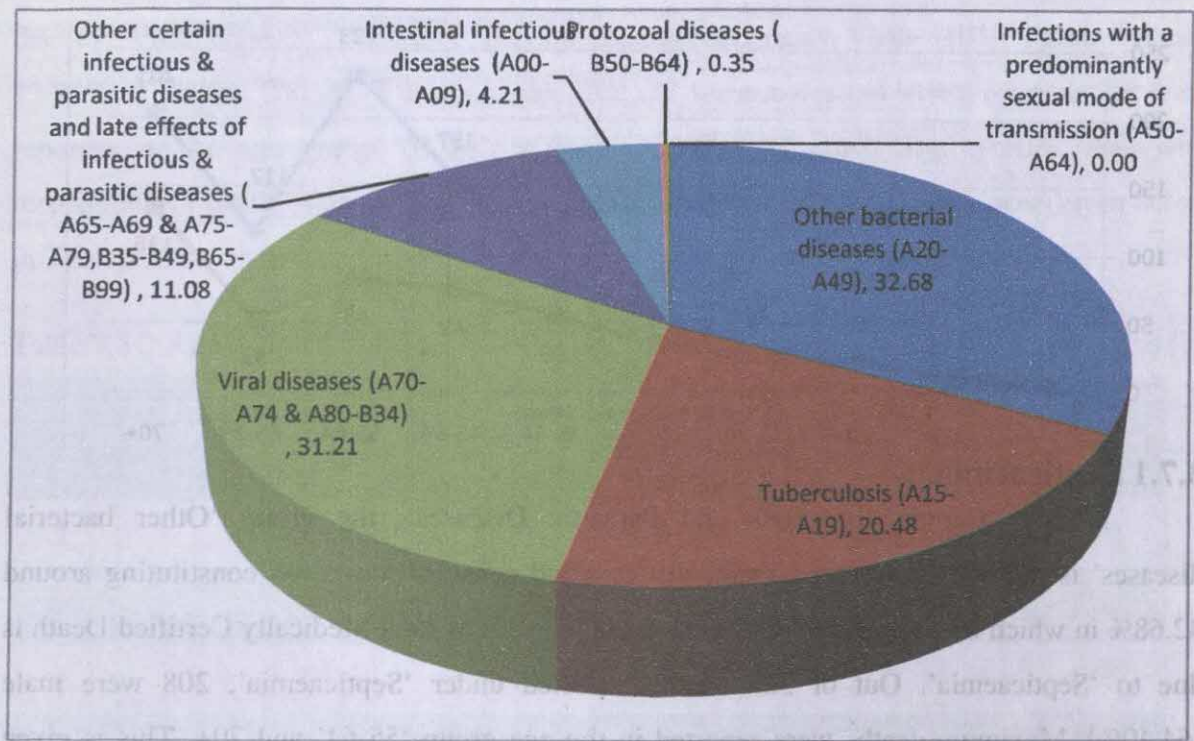
3.7 Certain Infectious and Parasitic Diseases (I): (A00-B99)

It is the seventh leading cause group of disease accounting for 4.87% of total Medically Certified Deaths, which constitute 5.13% of male and 4.45% 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 22.65% of death under this group is due to Septicaemia and 20.48% is due to Tuberculosis. Out of 445 deaths occurred under the group 'Viral Diseases', 257 were due to 'Dengue fever' and 57 were due to 'Human immunodeficiency virus [HIV] disease'. The distribution of major components under this cause group is shown in the Table 3.28 and is depicted in Chart 3.25.

Table 3.28: Distribution of major causes of deaths among 'Certain Infectious and Parasitic Diseases' under MCCD -2017

SI No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Other bacterial diseases (A20-A49)	304	32.86	162	32.34	466	32.68
2	Tuberculosis (A15-A19)	222	24.00	70	13.97	292	20.48
3	Viral diseases (A70-A74 & A80-B34)	242	26.16	203	40.52	445	31.21
4	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases (A65-A69 & A75-A79,B35-B49,B65-B99)	128	13.84	30	5.99	158	11.08
5	Intestinal infectious diseases (A00-A09)	24	2.59	36	7.19	60	4.21
6	Protozoal diseases (B50-B64)	5	0.54	0	0.00	5	0.35
7	Infections with a predominantly sexual mode of transmission (A50-A64)	0	0.00	0	0.00	0	0.00
	Total Medically Certified Deaths due to Certain Infectious and Parasitic Diseases	925	100	501	100	1426	100
	Deaths due to Certain Infectious and Parasitic Diseases as percentage to total medically certified deaths	925	5.13	501	4.45	1426	4.87

Chart 3.25: Percentage distribution of medically certified deaths due to ‘Certain Infectious & Parasitic Diseases’ MCCD – 2017

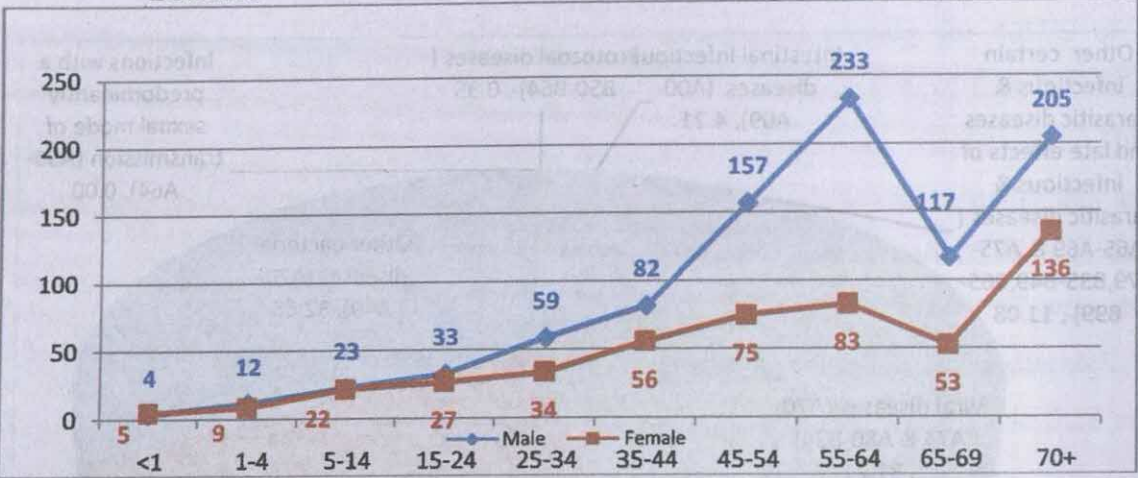


The age and sex wise distribution of medically certified deaths due to ‘Certain Infectious and Parasitic Diseases’ has been given below in Table 3.29 and is presented in Chart 3.26.

Table 3.29: 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	4	0.43	5	1.00	9	0.63
2	1-4	12	1.30	9	1.80	21	1.47
3	5-14	23	2.49	22	4.39	45	3.16
4	15-24	33	3.57	27	5.39	60	4.21
5	25-34	59	6.38	34	6.79	93	6.52
6	35-44	82	8.86	56	11.18	138	9.68
7	45-54	157	16.97	75	14.97	232	16.27
8	55-64	233	25.19	83	16.57	316	22.16
9	65-69	117	12.65	53	10.58	170	11.92
10	70+	205	22.16	136	27.15	341	23.91
11	N.S.	0	0.00	1	0.20	1	0.07
TOTAL		925	100	501	100	1426	100

Chart 3.26: Age & Sex wise distribution of deaths due to 'Certain Infectious & Parasitic Diseases'



3.7.1 Septicaemia.

Among 'Certain Infectious and Parasitic Diseases', the group 'Other bacterial diseases' is the highest reported medically certified cause of mortality, constituting around 32.68% in which 69.31% is due to 'Septicaemia'. 1.10% of total Medically Certified Death is due to 'Septicaemia'. Out of 323 deaths reported under 'Septicaemia', 208 were male (64.40%). Maximum deaths were reported in the age group '55-64' and 70+. This is given below in Table 3.34.

Table 3.30: Age & Sex wise distribution of death due to 'Septicaemia'

Sl.No	Age Group	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	2	1.74	2	0.62
2	1-4	1	0.48	1	0.87	2	0.62
3	5-14	2	0.96	2	1.74	4	1.24
4	15-24	5	2.40	2	1.74	7	2.17
5	25-34	9	4.33	4	3.48	13	4.02
6	35-44	15	7.21	11	9.57	26	8.05
7	45-54	29	13.94	14	12.17	43	13.31
8	55-64	55	26.44	22	19.13	77	23.84
9	65-69	29	13.94	13	11.30	42	13.00
10	70+	63	30.29	44	38.26	107	33.13
	TOTAL	208	100	115	100	323	100

3.7.2 Tuberculosis

Among 'Certain Infectious and Parasitic Diseases', the group 'Tuberculosis' is the second highest reported medically certified cause of mortality, constituting around 20.48% in which, 80.48% is due to 'Respiratory Tuberculosis'. 'Respiratory Tuberculosis' deaths in males are 78.72% as against 21.28% of females.

3.7.3 Human Immunodeficiency Virus [HIV]

31.21% of death under the group ‘Certain Infectious and Parasitic Diseases’ is due to ‘Viral diseases’, in which Human Immunodeficiency Virus [HIV] disease causes 12.81% of deaths. Out of 57 deaths under HIV, 37 were males (64.91%). More deaths were reported in the age group ‘35-54’, which is 82.46% of death due to HIV. Age wise distribution of death due to ‘Human Immunodeficiency Virus [HIV]’ has been given below in Table 3.35.

Table 3.31: 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	1	5.00	1	1.75
4	15-24	0	0.00	0	0.00	0	0.00
5	25-34	4	10.81	1	5.00	5	8.77
6	35-44	12	32.43	13	65.00	25	43.86
7	45-54	18	48.65	4	20.00	22	38.60
8	55-64	3	8.11	1	5.00	4	7.02
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		37	100	20	100	57	100

3.7.4 Viral diseases

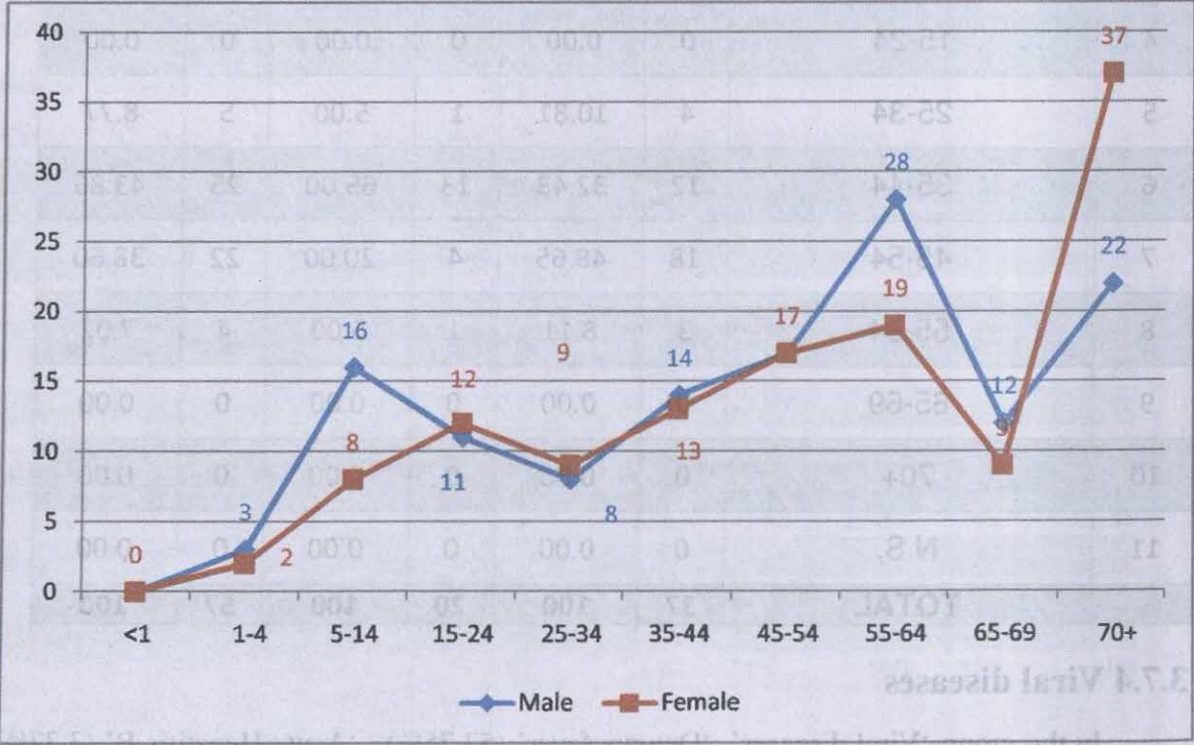
In the group ‘Viral diseases’, ‘Dengue fever’ (57.75%), ‘Acute Hepatitis B’ (3.37%), ‘Other viral hepatitis’ (5.17%) and ‘Other viral encephalitis’ (4.04%) are the major causes.

Out of the Viral Hepatitis deaths, maximum death is due to ‘Dengue fever’ .All most same number of death happened for male and female. The age wise distribution of deaths due to ‘Dengue fever’ is given below. Death reported in all above one year age group. This is shown in Table 3.36 and is presented in chart 3.62.

Table 3.32: Age & Sex wise distribution of death due to ‘Dengue fever’

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	2.29	2	1.59	5	1.95
3	5-14	16	12.21	8	6.35	24	9.34
4	15-24	11	8.40	12	9.52	23	8.95
5	25-34	8	6.11	9	7.14	17	6.61
6	35-44	14	10.69	13	10.32	27	10.51
7	45-54	17	12.98	17	13.49	34	13.23
8	55-64	28	21.37	19	15.08	47	18.29
9	65-69	12	9.16	9	7.14	21	8.17
10	70+	22	16.79	37	29.37	59	22.96
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	131	100	126	100	257	100

Chart 3.27: Age & Sex wise distribution of death due to ‘Dengue fever’



Out of the Viral Hepatitis deaths, another important cause is due to Hepatitis B. Total 15 deaths reported due to this cause. The age wise distribution of deaths due to Hepatitis B is given below. 73.33% of deaths were males. No death reported below 35 years. 80.00% of deaths reported in the age group ‘35-64’ and maximum number of deaths was in the age group ‘55-64’, (33.33%). This is shown in Table 3.33.

Table 3.33: Age & 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	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	0	0.00	0	0.00
6	35-44	3	27.27	0	0.00	3	20.00
7	45-54	3	27.27	1	25.00	4	26.67
8	55-64	4	36.36	1	25.00	5	33.33
9	65-69	1	9.09	0	0.00	1	6.67
10	70+	0	0.00	2	50.00	2	13.33
	TOTAL	11	100	4	100	15	100

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

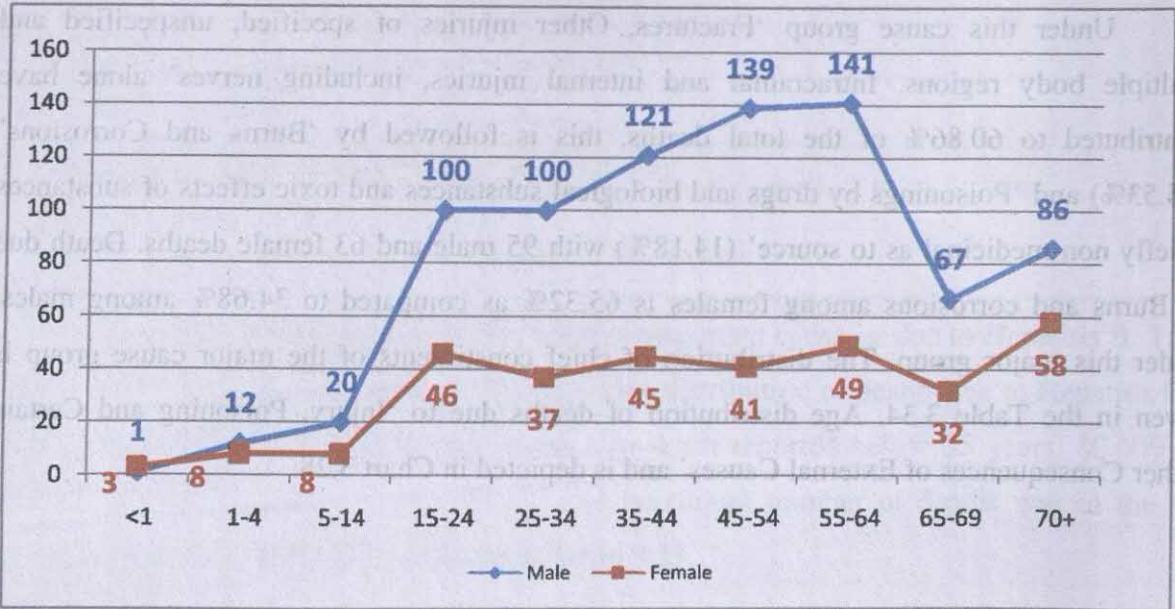
The external causes like Road Accidents, Suicides, Falls, Burns and Corrosions, Snake Bite, and Violence are the main reason for the death under ‘Injury Poisoning and Certain other Consequences of External Causes’. It is the eighth leading cause group responsible for 3.80% of total Medically Certified 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 60.86% of the total deaths, this is followed by ‘Burns and Corrosions’ (15.53%) and ‘Poisonings by drugs and biological substances and toxic effects of substances chiefly non-medicinal as to source’ (14.18%) with 95 male and 63 female deaths. Death due to Burns and corrosions among females is 65.32% as compared to 34.68% among males, under this major group. The distribution of chief constituents of the major cause group is given in the Table 3.34. Age distribution of deaths due to ‘Injury, Poisoning and Certain Other Consequences of External Causes’ and is depicted in Chart 3.28.

Table 3.34: 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	564	71.66	114	34.86	678	60.86
2	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source	95	12.07	63	19.27	158	14.18
4	Burns and Corrosions	60	7.62	113	34.56	173	15.53
6	Late effects of injuries, of poisoning and of other consequences of external causes	9	1.14	4	1.22	13	1.17
7	Other and unspecified effects of external causes and certain early complications of trauma	31	3.94	14	4.28	45	4.04
8	Complications of Surgical and Medical care, not elsewhere classified	23	2.92	19	5.81	42	3.77
9	Other Groups	5	0.64	0	0.00	5	0.45
Total Medically Certified Deaths due to INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES		787	100	327	100	1114	100
Deaths due to INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES as percentage to total medically certified deaths		787	4.367	327	2.90	1114	3.80

Chart 3.28: Age & Sex wise distribution of deaths due to ‘Injury, Poisoning and Certain Other Consequences of External Causes’



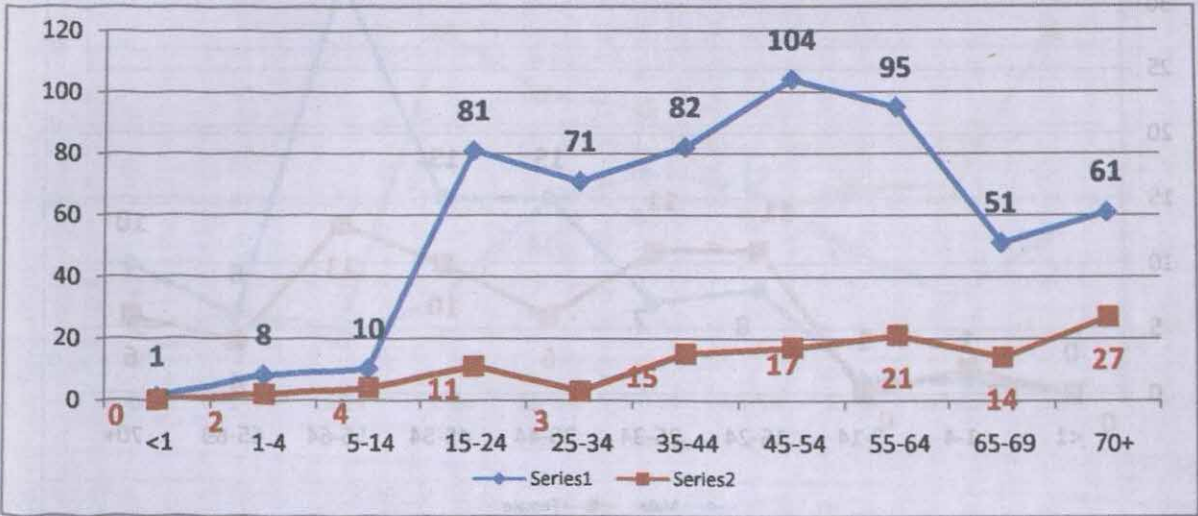
3.8.1 Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves

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’ 83.19% 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 3.35: Age & 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	0.18	0	0.00	1	0.15
2	1-4	8	1.42	2	1.75	10	1.47
3	5-14	10	1.77	4	3.51	14	2.06
4	15-24	81	14.36	11	9.65	92	13.57
5	25-34	71	12.59	3	2.63	74	10.91
6	35-44	82	14.54	15	13.16	97	14.31
7	45-54	104	18.44	17	14.91	121	17.85
8	55-64	95	16.84	21	18.42	116	17.11
9	65-69	51	9.04	14	12.28	65	9.59
10	70+	61	10.82	27	23.68	88	12.98
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	564	100	114	100	678	100

Chart 3.29: Age & Sex wise distribution of deaths due to ‘Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves’



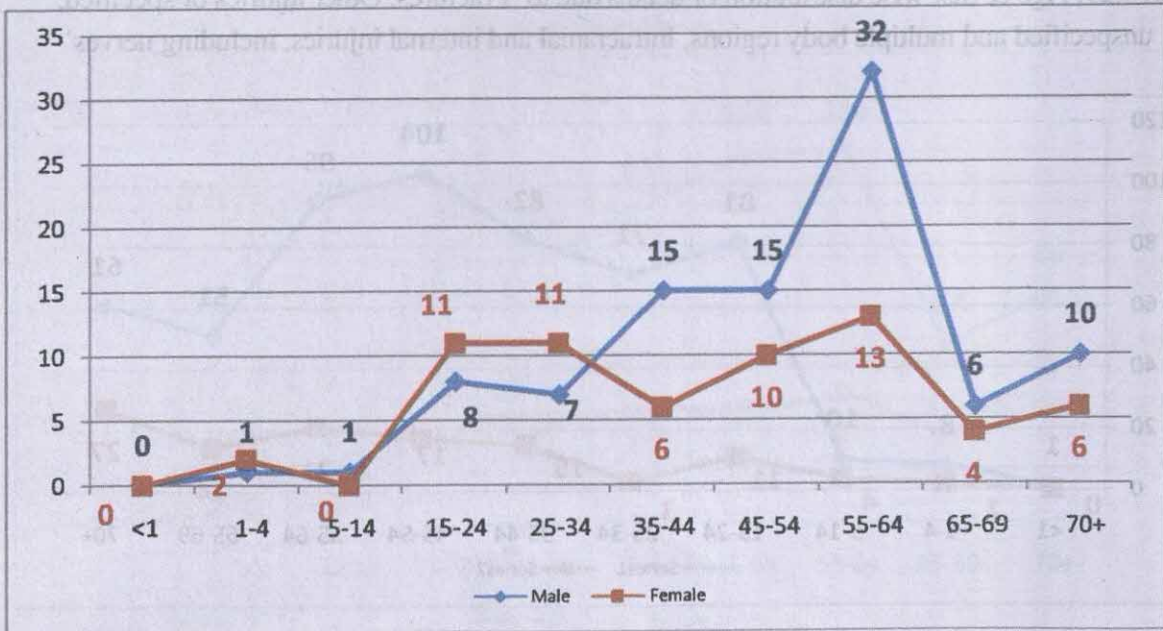
3.8.2 Poisonings by drugs & biological substances; and Toxic effects of substances chiefly non-medicinal as to source

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. 60.13% of deaths under this cause are from males. Maximum deaths are in the age group '55-64'. Under the age group '25-64', the percentage of male death is 72.63.

Table 3.36: 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	1	1.05	2	3.17	3	1.90
3	5-14	1	1.05	0	0.00	1	0.63
4	15-24	8	8.42	11	17.46	19	12.03
5	25-34	7	7.37	11	17.46	18	11.39
6	35-44	15	15.79	6	9.52	21	13.29
7	45-54	15	15.79	10	15.87	25	15.82
8	55-64	32	33.68	13	20.63	45	28.48
9	65-69	6	6.32	4	6.35	10	6.33
10	70+	10	10.53	6	9.52	16	10.13
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	95	100	63	100	158	100

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



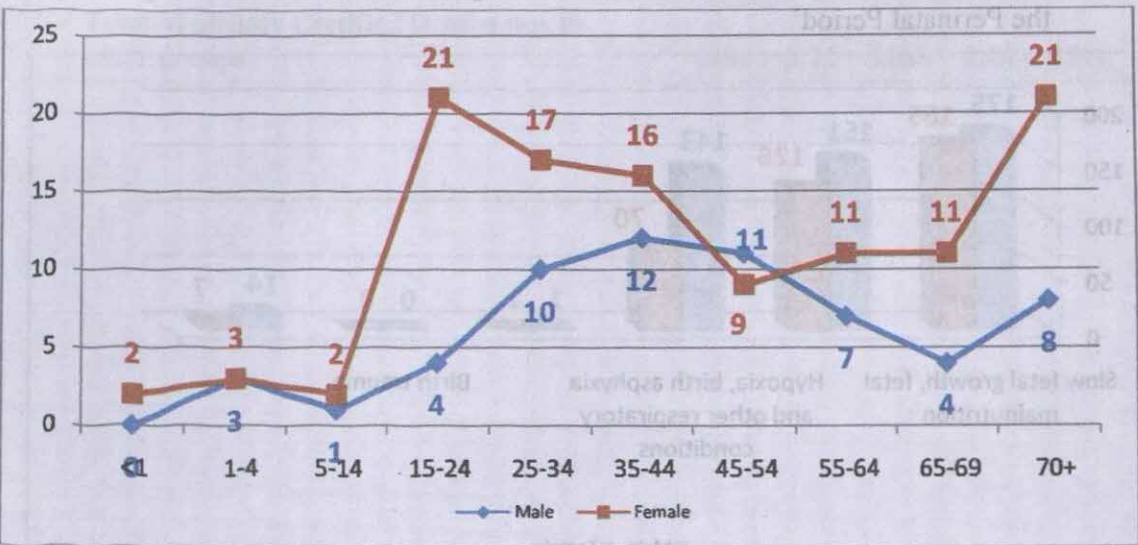
3.8.3 Burns and Corrosions

The external causes like Suicides and Accidents are the main reason for the death under 'Burns and Corrosions'. Under the cause 65.32% were female deaths. 47.79% of the female deaths due to this cause are in the age group '15-44'. Maximum female deaths were reported in the age group '15-24' (18.58%).

Table 3.37: Age & 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	1.77	2	1.16
2	1-4	3	5.00	3	2.65	6	3.47
3	5-14	1	1.67	2	1.77	3	1.73
4	15-24	4	6.67	21	18.58	25	14.45
5	25-34	10	16.67	17	15.04	27	15.61
6	35-44	12	20.00	16	14.16	28	16.18
7	45-54	11	18.33	9	7.96	20	11.56
8	55-64	7	11.67	11	9.73	18	10.40
9	65-69	4	6.67	11	9.73	15	8.67
10	70+	8	13.33	21	18.58	29	16.76
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	60	100	113	100	173	100

Chart 3.31: Age & Sex wise distribution of deaths due to 'Burns and Corrosions'



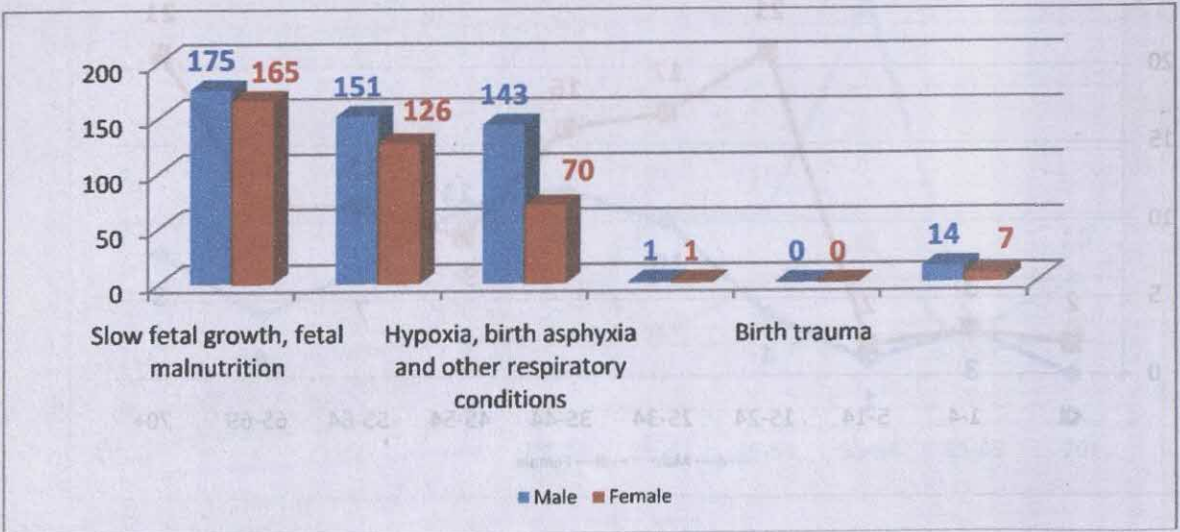
3.9 Certain Conditions Originating in the Perinatal Period (xvi): (P00-P96)

The major group of 'Certain Conditions Originating in the Perinatal Period' is the leading cause of Infant deaths, responsible for 2.91% of the total Medically Certified Deaths. This has contributed to 2.69% of male and 3.68% of female deaths of the total Medically Certified Deaths. 'Slow Foetal Growth, Foetal Malnutrition' (39.86%), 'All other conditions originating in the Perinatal period' (32.47%) and 'Hypoxia, birth asphyxia and other respiratory conditions' (24.97%) are the main cause of death occurred in the Perinatal period (below one year). 56.74% of deaths due to this cause were males.

Table 3.38: 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	175	36.16	165	44.72	340	39.86
2	All other conditions originating in the perinatal period	151	31.20	126	34.15	277	32.47
3	Hypoxia, birth asphyxia and other respiratory conditions	143	29.55	70	18.97	213	24.97
4	Haemolytic disease of fetus and new-born	1	0.21	1	0.27	2	0.23
5	Birth trauma	0	0.00	0	0.00	0	0.00
6	Other perinatal jaundice	14	2.89	7	1.90	21	2.46
	Total Medically Certified Deaths due to CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	484	100	369	100	853	100
	Deaths due to CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD as percentage to total medically certified deaths		2.69		3.28		2.91

Chart 3.32: 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.

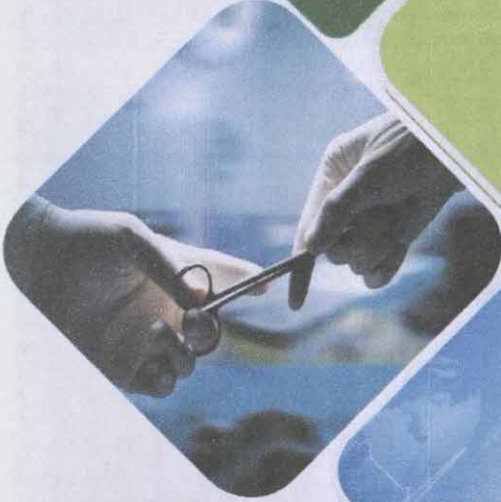
Table 3.39: Distribution of causes of deaths under 'Other Groups'

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)	624	3.46	296	2.63	920	3.14
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	306	1.70	270	2.40	576	1.97
3	Diseases of the nervous system (G00-G98)	298	1.7	206	1.83	504	1.72
4	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	148	0.82	171	1.52	319	1.09
5	Diseases of the musculoskeletal system and connective tissue (M00-M99)	48	0.27	62	0.55	110	0.38
6	Diseases of the skin and subcutaneous tissue (L00-L98)	40	0.22	33	0.29	73	0.25
7	Mental and behavioural disorders (F01-F99)	15	0.08	3	0.03	18	0.06
8	Pregnancy, childbirth and the puerperium(O00-O99)			24	0.21	24	0.08
9	Diseases of the ear and mastoid process (H60-H95)	2	0.01	0	0	2	0.01
10	10 Diseases of the eye and adnexa (H00-H59)	0	0.00	0	0.00	0	0.00
	Total Medically Certified Deaths due to other groups	1481	8.22	1065	9.46	2546	8.70

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)

4

Specific Cause of Mortality in Different Age Groups

4.1. Infants

Out of the total Medically Certified Deaths, around 4.82% 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 4.33% and 5.60% respectively. Out of 1410 infant deaths, 780 were male which comes around 55.32% of total death under this category.

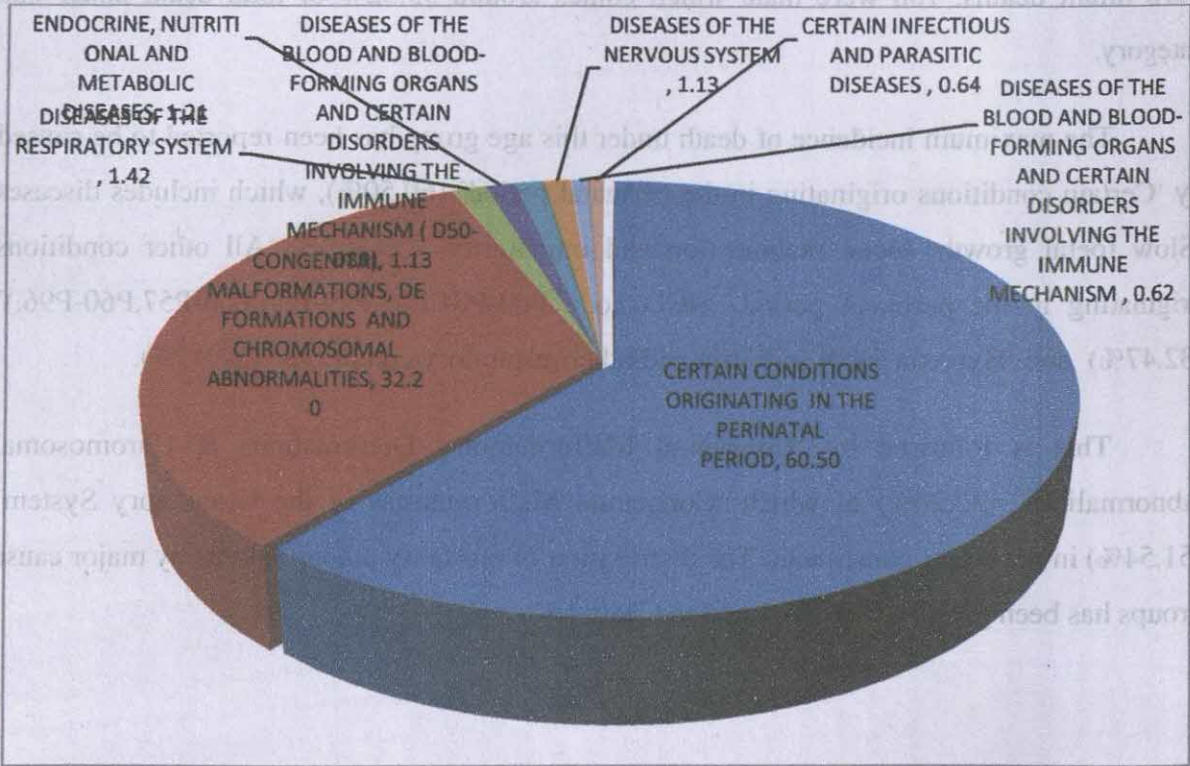
The maximum incidence of death under this age group has been reported to be caused by 'Certain conditions originating in the perinatal period' (60.50%), which includes diseases 'Slow foetal growth, foetal malnutrition and immaturity' (39.86%), 'All other conditions originating in the perinatal period (ICD code P00-P04,P08,P29-P54,P56-P57,P60-P96.)' (32.47%) and 'Hypoxia, birth asphyxia and other respiratory conditions' (24.97%).

This is followed by 'Congenital Malformations, Deformations & Chromosomal Abnormalities' (32.20%) of which 'Congenital Malformations of the Circulatory System' (51.54%) in 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.	%
XVI.	Certain Conditions Originating in the Perinatal Period	484	62.05	369	58.57	853	60.50
XVII.	Congenital Malformations, Deformations and Chromosomal Abnormalities	242	31.03	212	33.65	454	32.20
X.	Diseases of the Respiratory System	10	1.28	10	1.59	20	1.42
IV.	Endocrine, Nutritional and Metabolic Diseases	9	1.15	8	1.27	17	1.21
III.	Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism (D50-D89)	11	1.41	5	0.79	16	1.13
VI.	Diseases of the Nervous System	8	1.03	8	1.27	16	1.13
XVIII.	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	5	0.64	5	0.79	10	0.71
I.	Certain Infectious and Parasitic Diseases	4	0.51	5	0.79	9	0.64
	All other causes	7	0.90	8	1.27	15	1.06
	ALL CAUSES (MAJOR GROUP I to XIX)	780	100	630	100	1410	100
	Deaths in the age group <1 year as percentage to total Medically certified Deaths		4.33		5.60		4.82

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, 0.74% has been reported from this age-group. It accounts for 0.69% of males and 0.83% of female deaths in their respective total medically certified deaths. Out of 218 deaths in the age group '1-4', 124 were males (56.88%).

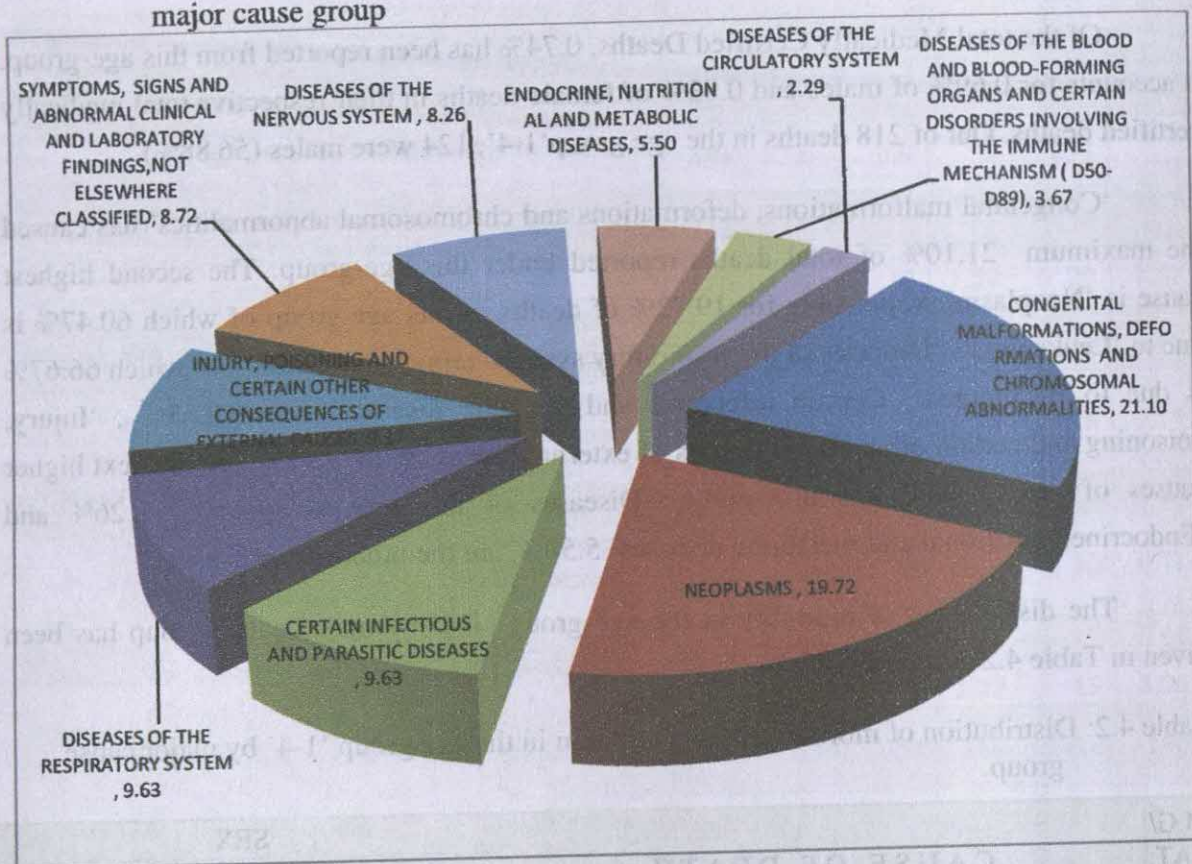
'Congenital malformations, deformations and chromosomal abnormalities' has caused the maximum 21.10% of total deaths reported under this age-group. The second highest cause is 'Neoplasm' responsible for 19.72% of deaths in this age group of which 60.47% is due to 'Leukaemia'. 'Diseases of the respiratory system' representing 9.63% of which 66.67% is due to Pneumonia. 'Certain infectious and parasitic diseases' cause 9.63% , 'Injury, poisoning and certain other consequences of external causes' with 9.17% are the next higher causes of death under this age group. 'Diseases of the nervous system' 8.26% and 'Endocrine, nutritional and metabolic diseases' 5.50% 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.	%
XVII.	Congenital Malformations, Deformations And Chromosomal Abnormalities	22	17.74	24	25.53	46	21.10
II.	NEOPLASMS	25	20.16	18	19.15	43	19.72
I.	Certain Infectious And Parasitic Diseases	12	9.68	9	9.57	21	9.63
X.	Diseases of the Respiratory System	13	10.48	8	8.51	21	9.63
XIX.	Injury, Poisoning and Certain Other Consequences of External Causes	12	9.68	8	8.51	20	9.17
XVII	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified	14	11.29	5	5.32	19	8.72
VI.	Diseases of the Nervous System	15	12.10	3	3.19	18	8.26
IV.	Endocrine, Nutritional and Metabolic Diseases	5	4.03	7	7.45	12	5.50
III.	Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism (D50-D89)	2	1.61	6	6.38	8	3.67
IX.	Diseases of the Circulatory System	3	2.42	2	2.13	5	2.29
	All other causes	1	0.81	4	4.26	5	2.29
	ALL CAUSES (MAJOR GROUP I to XIX)	123	100	94	100	218	100
	Deaths in the age group 1-4 year as percentage to total Medically certified Deaths-		0.69		0.83		0.74

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:-

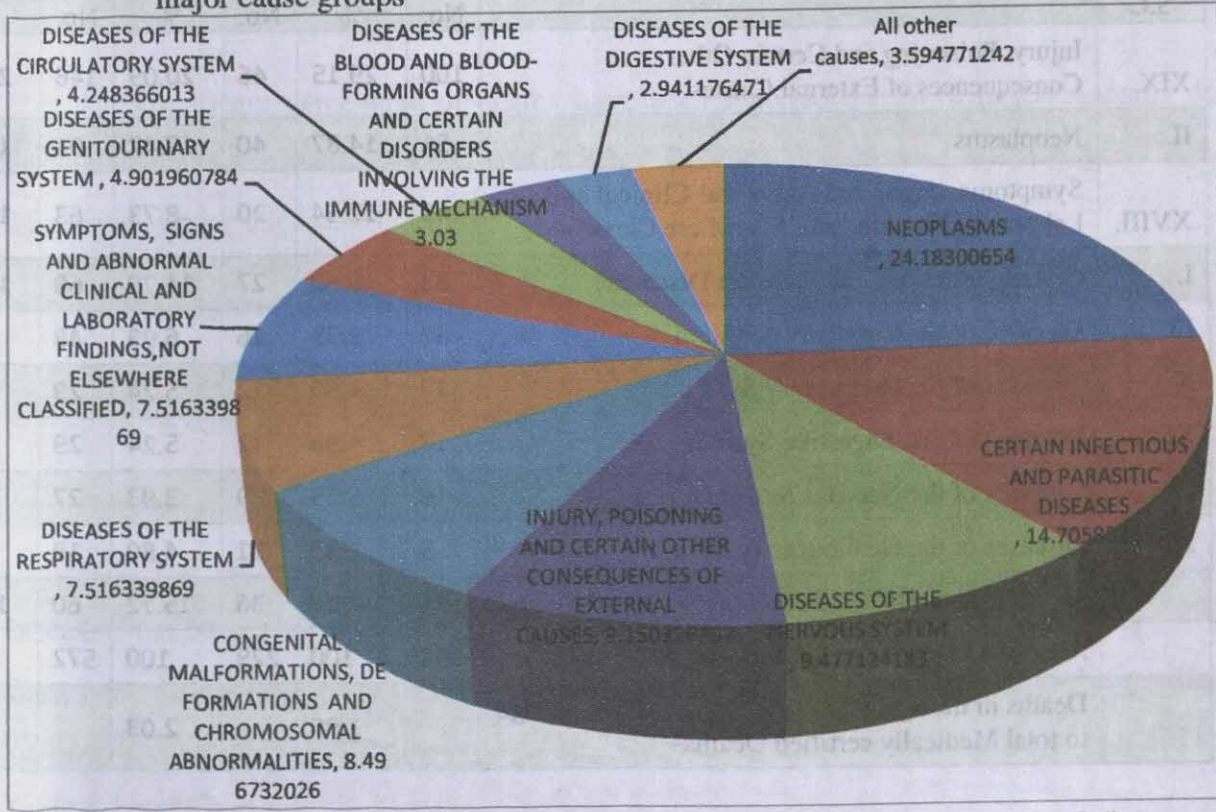
The share of this age group in the total medically certified deaths is 1.05%. It accounts for 0.95% of males and 1.19% of female deaths in their respective total medically certified deaths. Out of 306 deaths in the age group '5-14', 172 were males (56.21%).

Of the total reported deaths under this age group, 'Neoplasms' is 24.20%, is the major cause of death and 54.05% cases are due to 'Leukaemia'. Followed by 'Certain infectious and parasitic diseases' 14.70%, 'Diseases of the nervous system' (9.48%), 'Injury, poisoning and certain other consequences of external causes' (9.15%), Congenital Malformations, Deformations and Chromosomal Abnormalities' (8.50%), 'Diseases of Respiratory System' and 'Symptoms, Signs and Abnormal Clinical and Laboratory Findings not Elsewhere Classified' each with (7.52%), and 'Diseases of the Genitourinary system' with (4.90%) and 'Diseases of the circulatory system' (4.25%) 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.	%
II.	NEOPLASMS	40	23.3	34	25.4	74	24.2
I.	Certain Infectious and Parasitic Diseases	23	13.4	22	16.4	45	14.7
VI.	Diseases of the Nervous System	13	7.56	16	11.9	29	9.48
XIX.	Injury, Poisoning and Certain Other Consequences Of External Causes	20	11.6	8	5.97	28	9.15
XVII.	Congenital Malformations, Deformations and Chromosomal Abnormalities	15	8.72	11	8.21	26	8.5
X.	Diseases of the Respiratory System	12	6.98	11	8.21	23	7.52
XVIII.	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	15	8.72	8	5.97	23	7.52
XIV.	Diseases of the Genitourinary System	11	6.4	4	2.99	15	4.9
IX.	Diseases of the Circulatory System	10	5.81	3	2.24	13	4.25
III.	Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism (D50-D89)	3	1.74	7	5.22	10	3.27
XI.	Diseases of the Digestive System	6	3.49	3	2.24	9	2.94
	All other causes	4	2.33	7	5.22	11	3.59
	ALL CAUSES (MAJOR GROUP I to XX)	172	100	134	100	306	100
	Deaths in the age group 5-14 year as percentage to total Medically certified Deaths-		0.95		1.19		1.05

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:

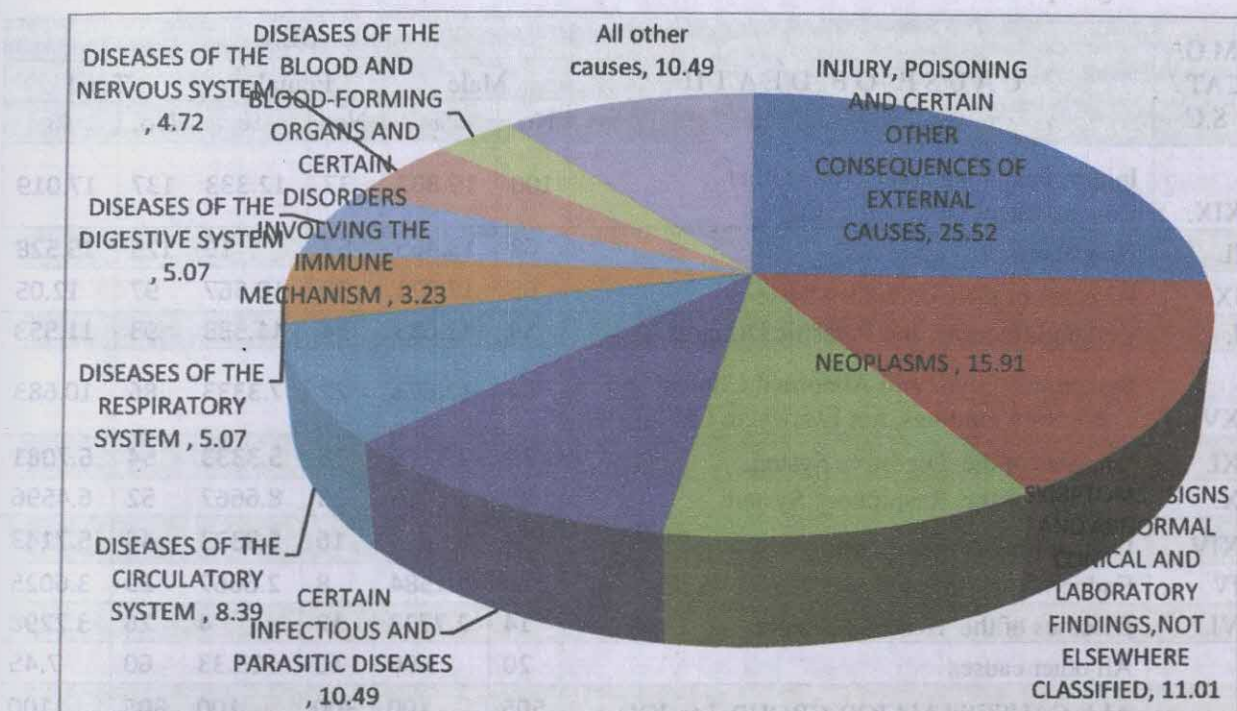
This age-group has contributed 1.95% of the total medically certified deaths. It accounts for 1.90% of males and 2.03% of female deaths in their respective total medically certified deaths. Out of 572 deaths in the age group '15-24', 343 were males (59.97%).

The category consisting of 'Injury, Poisoning & Certain Other Consequences of External Causes', has caused the maximum 25.52% of total deaths reported under this age-group. Of the total reported deaths under this age group, the share of 'Neoplasms' is 15.91%, is the second major cause of death, of which 51.65% is due to 'Leukaemia'. 'Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified' (11.01%), 'Certain Infectious and Parasitic Diseases' (10.49%), 'Diseases of the Circulatory System' (8.39%), 'Diseases of the digestive system' and 'Diseases of the Respiratory System' each with (5.07%) are other leading causes of deaths followed by 'Diseases of the nervous system' (4.72%). 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.	%
XIX.	Injury, Poisoning and Certain Other Consequences of External Causes	100	29.15	46	20.09	146	25.52
II.	Neoplasms	51	14.87	40	17.47	91	15.91
XVIII.	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	43	12.54	20	8.73	63	11.01
I.	Certain Infectious and Parasitic Diseases	33	9.62	27	11.79	60	10.49
IX.	Diseases of the Circulatory System	32	9.33	16	6.99	48	8.39
X.	Diseases of the Respiratory System	17	4.96	12	5.24	29	5.07
XI.	Diseases of the Digestive System	17	4.96	12	5.24	29	5.07
VI.	Diseases of the Nervous System	18	5.25	9	3.93	27	4.72
XIV.	Diseases of the Genitourinary System	8	2.33	11	4.80	19	3.32
	All other causes	24	7.00	36	15.72	60	10.49
	ALL CAUSES (MAJOR GROUP I to XIX)	343	100	229	100	572	100
	Deaths in the age group 15-24 year as percentage to total Medically certified Deaths-		1.90		2.03		1.95

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 2.75% of total medically certified deaths. It accounts for 2.80% of males and 2.66% of female deaths in their respective total medically certified deaths. Out of 805 deaths in the age group '25-34', 505 were males (62.73%).

A significant percentage of deaths have been reported due to 'Injury, Poisoning & Certain Other Consequences of External Causes' (17.02%). Number of male death is more than female under this cause (72.99%).

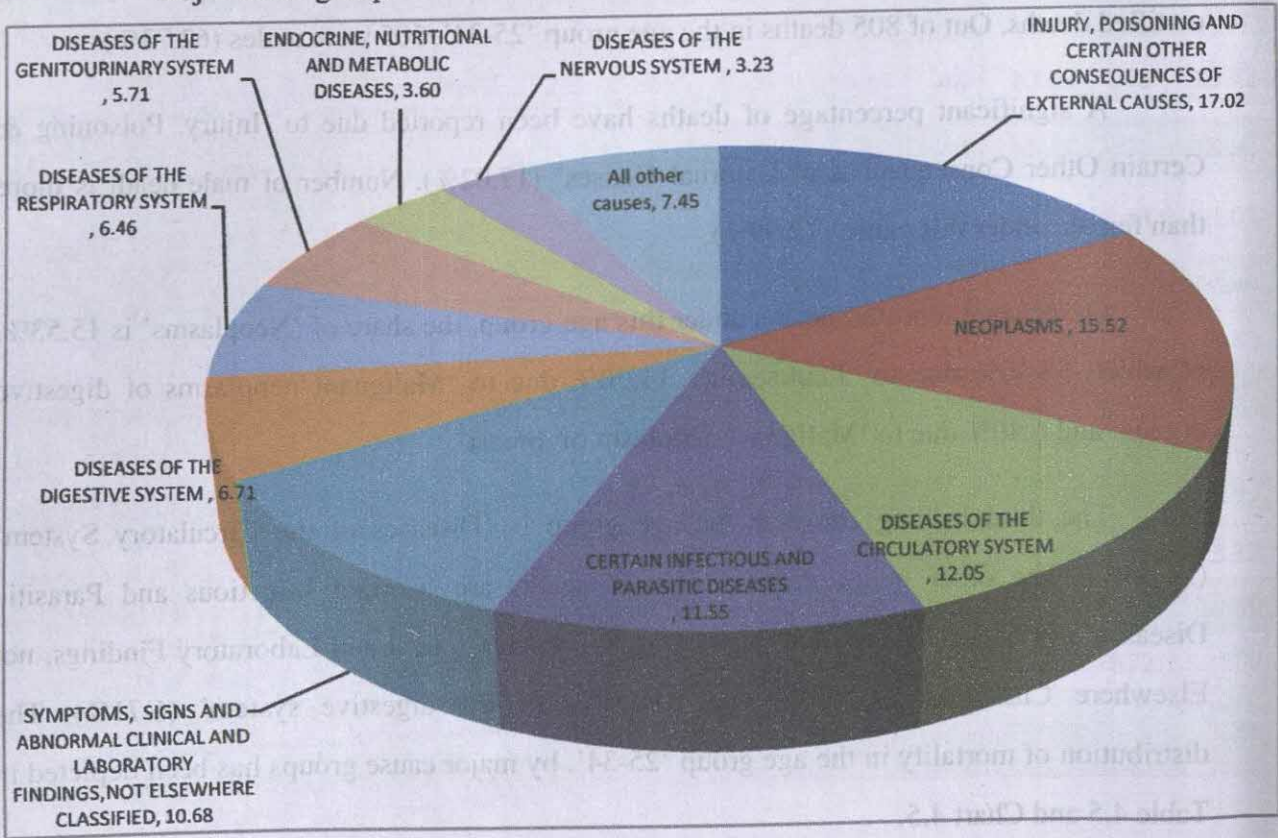
Of the total reported deaths under this age group, the share of 'Neoplasms' is 15.53%, of which 38.40% due to 'Leukaemia', 11.20% due to 'Malignant neoplasms of digestive organs' and 6.40% due to 'Malignant neoplasm of breast'.

The third leading cause in the age group is 'Diseases of the Circulatory System' (12.05%). The other major determinants of deaths are 'Certain Infectious and Parasitic Diseases' (11.55%), 'Symptoms Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified' (10.68%) and 'Diseases of the digestive system' (6.71%). 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.	%
XIX.	Injury, Poisoning and Certain Other Consequences Of External Causes	100	19.802	37	12.333	137	17.019
II.	Neoplasms	68	13.465	57	19	125	15.528
IX.	Diseases of the Circulatory System	65	12.871	32	10.667	97	12.05
I.	Certain Infectious and Parasitic Diseases	59	11.683	34	11.333	93	11.553
XVIII.	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	64	12.673	22	7.3333	86	10.683
XI.	Diseases of the Digestive System	38	7.5248	16	5.3333	54	6.7081
X.	Diseases of the Respiratory System	26	5.1485	26	8.6667	52	6.4596
XIV.	Diseases of the Genitourinary System	30	5.9406	16	5.3333	46	5.7143
IV.	Endocrine, Nutritional and Metabolic Diseases	21	4.1584	8	2.6667	29	3.6025
VI.	Diseases of the Nervous System	14	2.7723	12	4	26	3.2298
	All other causes	20	3.96	40	13.33	60	7.45
	ALL CAUSES (MAJOR GROUP I to XX)	505	100	300	100	805	100
	Deaths in the age group 25-34 year as percentage to total Medically certified Deaths-		2.80		2.66		2.75

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 5.41%. It accounts for 5.54% of males and 5.20% of female deaths in their respective total medically certified deaths. Out of 1583 deaths in the age group '35-44', 998 were males (63.04%).

A significant percentage of deaths have been reported due to 'Neoplasm' (22.36%) of which 17.23% is due to 'Leukaemia', 16.67% is due to 'Malignant neoplasms of digestive organs', 14.69% is due to 'Malignant neoplasm of breast' and 9.04% is due to 'Malignant neoplasms of respiratory and intrathoracic organs'.

The second leading cause in the age group is 'Diseases of the Circulatory System' (15.29%) of which number of male death is more than female death (65.29%).

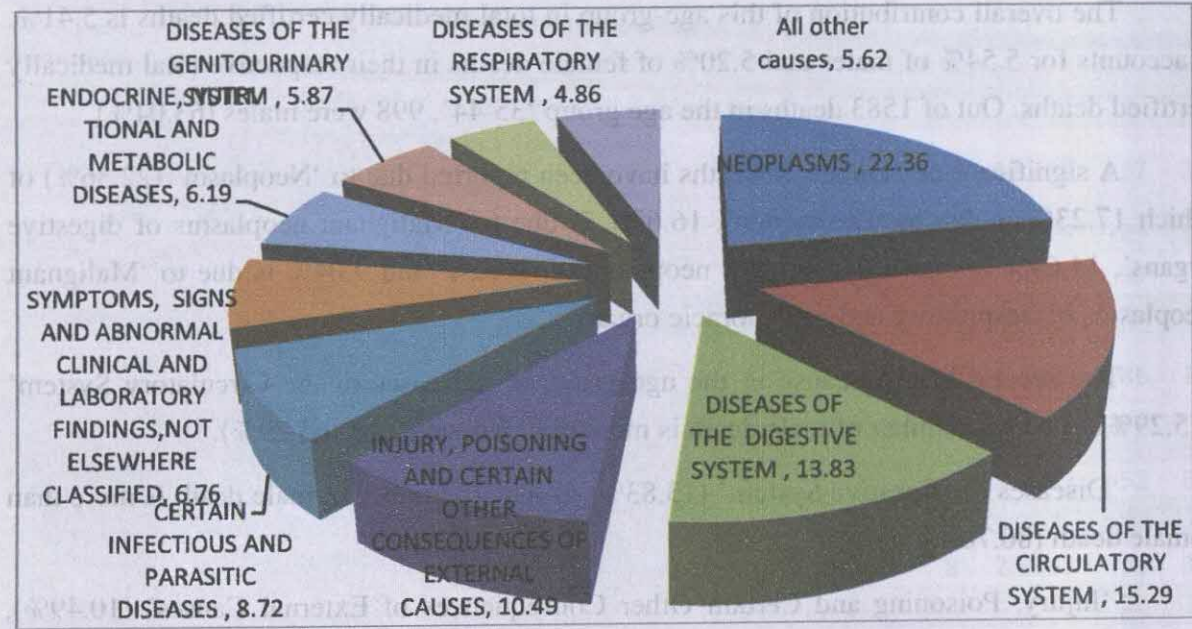
'Diseases of Digestive System' (13.83%) of which number of male death is more than female death (86.76%)

'Injury, Poisoning and Certain Other Consequences of External Causes' (10.49%), 'Certain Infectious and Parasitic Diseases' (8.72%), and 'Endocrine, nutritional and metabolic diseases' (6.19%) of which 84.69% 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.	%
II.	NEOPLASMS	158	15.83	196	33.50	354	22.36
IX.	Diseases of the Circulatory System	158	15.83	84	14.36	242	15.29
XI.	Diseases of the Digestive System	190	19.04	29	4.96	219	13.83
XIX.	Injury, Poisoning And Certain Other Consequences Of External Causes	121	12.12	45	7.69	166	10.49
I.	Certain Infectious and Parasitic Diseases	82	8.22	56	9.57	138	8.72
XVIII.	Symptoms, Signs and Abnormal Clinical And Laboratory Findings, not Elsewhere Classified	82	8.22	25	4.27	107	6.76
IV.	Endocrine, Nutritional and Metabolic Diseases	58	5.81	40	6.84	98	6.19
XIV.	Diseases of the Genitourinary System	53	5.31	40	6.84	93	5.87
X.	Diseases of the Respiratory System	43	4.31	34	5.81	77	4.86
	All Other Causes	53	5.31	36	6.15	89	5.62
	ALL CAUSES (MAJOR GROUP I to XIX)	998	100	585	100	1583	100
	Deaths in the age group 35-44 year as percentage to total Medically certified Deaths-		5.54		5.20		5.41

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 12.92% of the total medically certified deaths. It accounts for 13.71% of males and 11.66% of female deaths in their respective total medically certified deaths. Out of 3783 deaths in the age group '45-54', 2470 were males (65.29%).

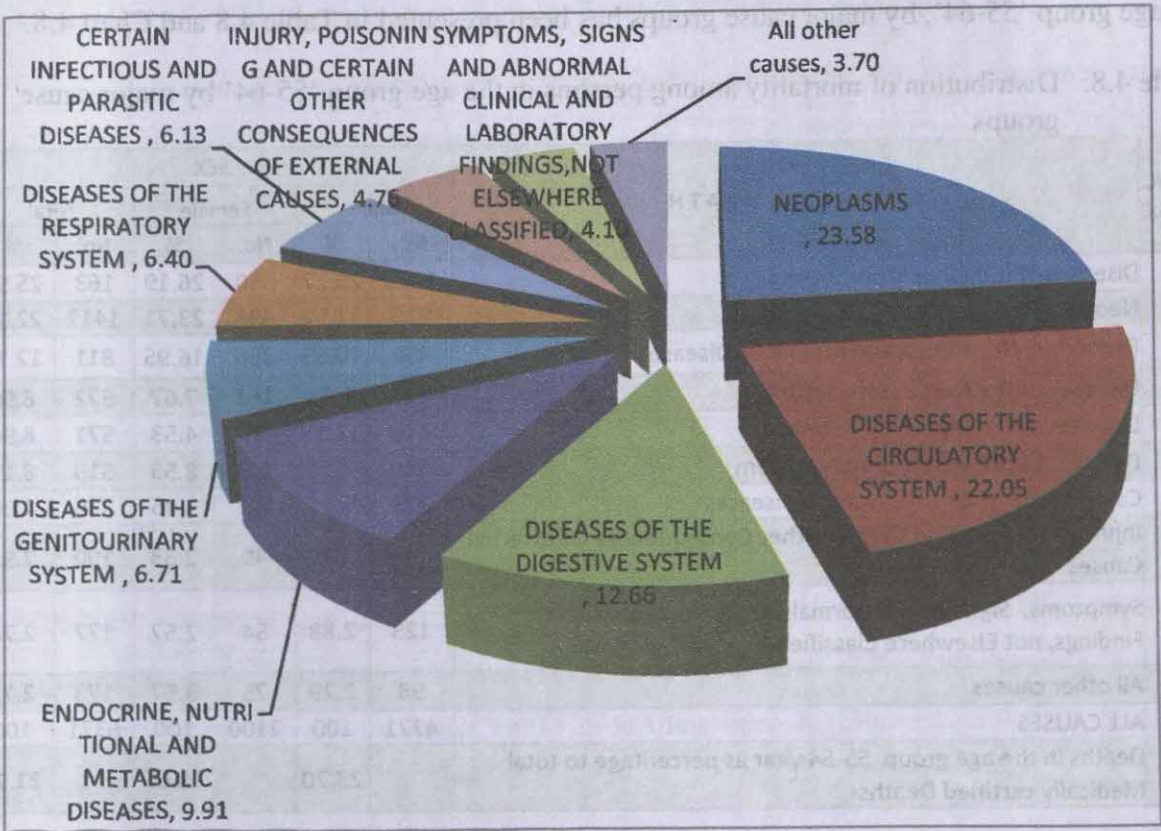
The prominent causes of mortality in this age group are 'Neoplasm' (23.58%) of which number of male death is more than female death (51.12%). Under 'Neoplasm', 23.20% is due to 'Malignant neoplasms of digestive organs', 15.69% is due to 'Malignant neoplasms of respiratory and intrathoracic organs', 12.56% is due to 'Malignant neoplasm of breast'

The second leading cause in the age group is 'Diseases of Circulatory System' (22.05%) of which 67.03% were males. 'Diseases of the Digestive System' (12.66%) is the third leading cause of death in the age group of which 87.27% were males. 'Endocrine, nutritional and metabolic diseases' (9.91%), 'Diseases of the Genitourinary System' (6.71%), 'Diseases of the Respiratory System' (6.40%), 'Certain, Infectious and Parasitic Diseases' (6.13%), and 'Injury, Poisoning & Certain other consequences of External Causes' (4.76%) 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.	%
II.	NEOPLASMS	456	18.46	436	33.21	892	23.58
IX.	Diseases of the Circulatory System	559	22.63	275	20.94	834	22.05
XI.	Diseases of the Digestive System	418	16.92	61	4.65	479	12.66
IV.	Endocrine, Nutritional and Metabolic Diseases	205	8.30	170	12.95	375	9.91
XIV.	Diseases of the Genitourinary System	178	7.21	76	5.79	254	6.71
X.	Diseases of the Respiratory System	154	6.23	88	6.70	242	6.40
I.	Certain Infectious and Parasitic Diseases	157	6.36	75	5.71	232	6.13
XIX.	Injury, Poisoning and Certain Other Consequences Of External Causes	139	5.63	41	3.12	180	4.76
XVIII.	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified	120	4.86	35	2.67	155	4.10
	All other causes	84	3.40	56	4.27	140	3.70
	ALL CAUSES (MAJOR GROUP I to XX)	2470	100	1313	100	3783	100
	Deaths in the age group 35-44 year as percentage to total Medically certified Deaths-		13.71		11.66		12.92

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 21.76% of the total medically certified deaths. It accounts for 23.70% of males and 18.65% of female deaths in their respective total medically certified deaths. Out of 6371 deaths in the age group '55-64', 4271 were males (67.04%).

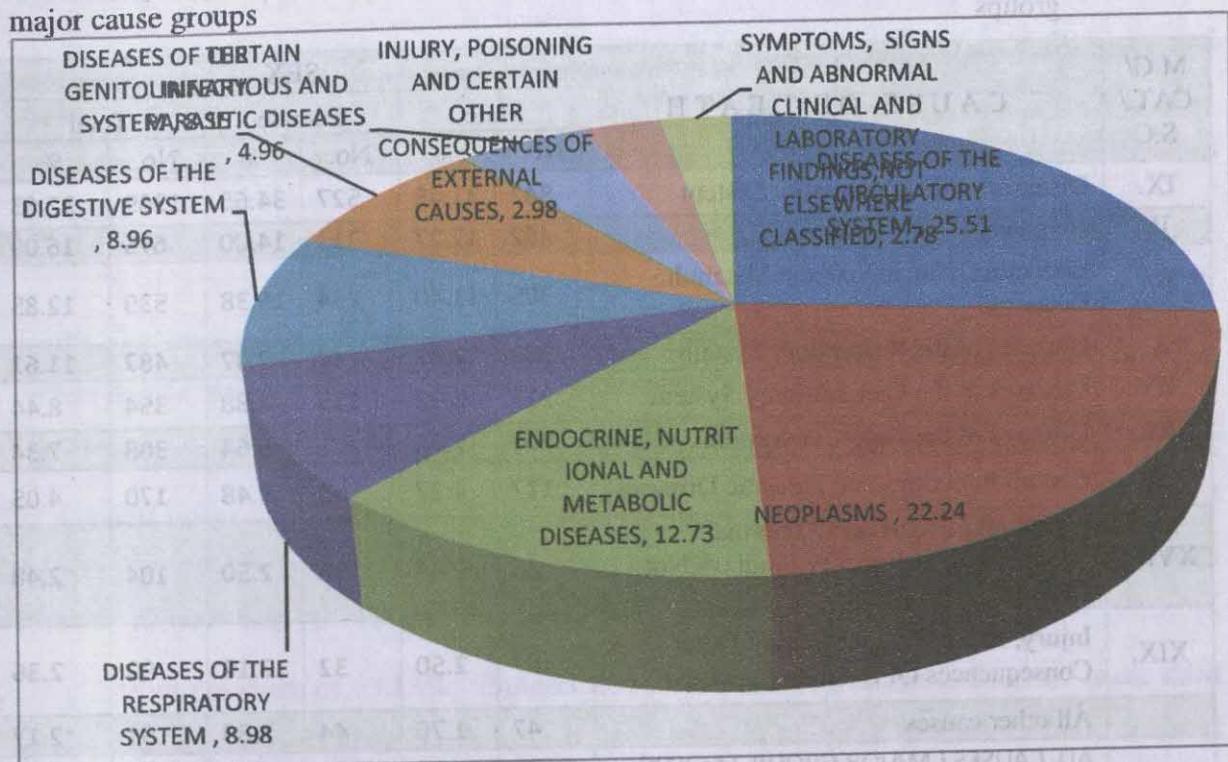
The prominent causes of mortality in this age group are 'Diseases of Circulatory System' (25.51%) of which 66.15% were males. The second leading cause in the age group is 'Neoplasm' (22.24%) of which number of male death is more than female death (64.86%). Under 'Neoplasm', the major cause is 'Malignant neoplasms of digestive organs' (28.65%) 'Malignant neoplasms of respiratory and intrathoracic organs' (24.28%), and 'Malignant neoplasm of breast' (7.55%).

'Endocrine, nutritional and metabolic diseases' (12.73%) is the third higher cause in which 94.33% due to 'Diabetes mellitus', 'Diseases of the Respiratory System' (8.98%) is the next leading cause of death in the age group of which 71.85% were males. 'Diseases of the Digestive System' is (8.96%) . Under this cause 83.54% is due to 'Diseases of the liver'. 'Diseases of the Genitourinary system' (8.15%), 'Certain Infectious and Parasitic Diseases' (4.96%), and 'Injury, Poisoning & Certain other consequences of External Causes' (2.98%) 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/C AT./S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
IX.	Diseases of the Circulatory System	1075	25.17	550	26.19	163	25.51
II.	Neoplasms	919	21.52	498	23.71	1417	22.24
IV.	Endocrine, Nutritional and Metabolic Diseases	455	10.65	356	16.95	811	12.73
X.	Diseases of the Respiratory System	411	9.63	161	7.67	572	8.98
XI.	Diseases of the Digestive System	476	11.15	95	4.53	571	8.96
XIV.	Diseases of the Genitourinary System	340	7.96	179	8.53	519	8.15
I.	Certain Infectious and Parasitic Diseases	233	5.46	83	3.95	316	4.96
XIX.	Injury, Poisoning and Certain Other Consequences Of External Causes	141	3.30	49	2.33	190	2.98
XVIII.	Symptoms, Signs and Abnormal Clinical And Laboratory Findings, not Elsewhere Classified	123	2.88	54	2.57	177	2.78
	All other causes	98	2.29	75	3.57	173	2.72
	ALL CAUSES	4271	100	2100	100	6371	100
	Deaths in the age group 55-64 year as percentage to total Medically certified Deaths-		23.70		18.65		21.76

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 14.33% in the total medically certified deaths. It accounts for 14.84% of males and 13.51% of female deaths in their respective total medically certified deaths. Out of 4196 deaths in the age group '65-69', 2675 were males (63.75%).

'Diseases of the Circulatory System' have contributed to the maximum number (32.63%) of total deaths in this age-group. In the 'Circulatory System deaths', 'Ischaemic Heart Diseases' have taken the highest toll contributing around 40.83% followed by 'Cerebrovascular diseases' (35.65%).

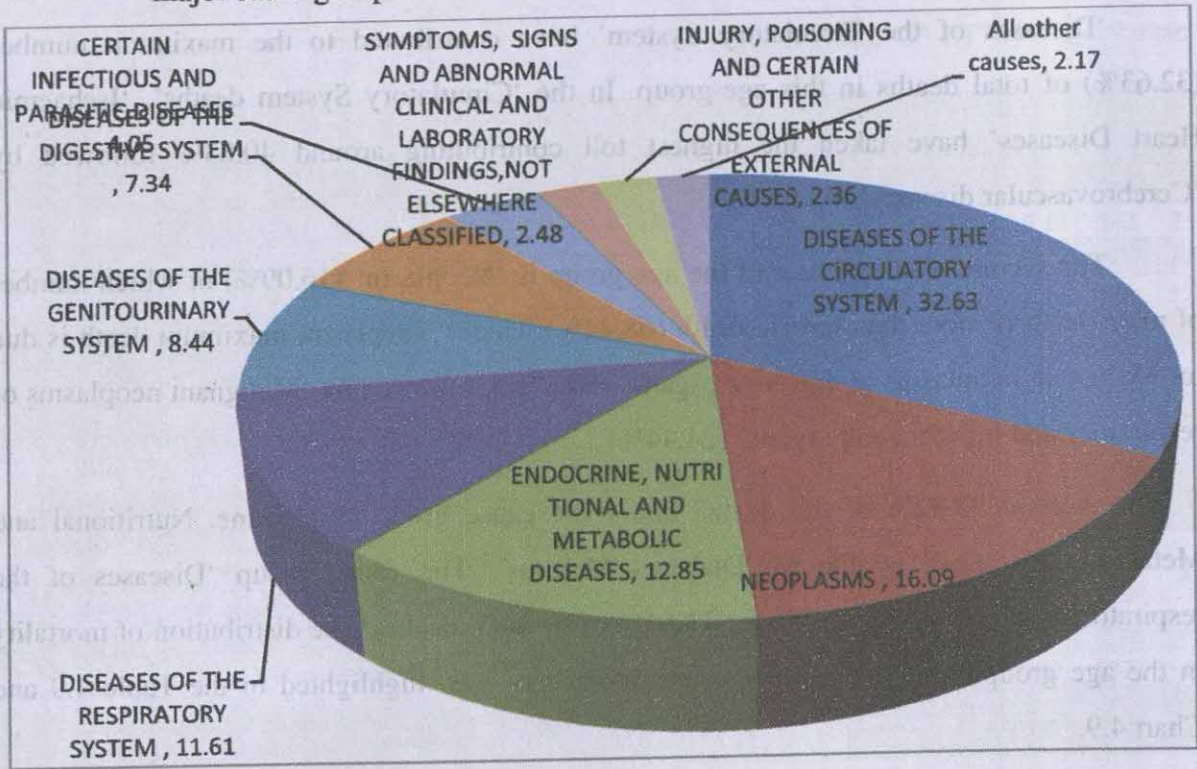
The second leading cause in the age group is 'Neoplasm' (16.09%) of which number of male death is more than female death (68.44%). Under Neoplasm, maximum death is due to 'Malignant neoplasms of digestive organs' (30.37%), followed by 'Malignant neoplasms of respiratory and intrathoracic organs' (24.44%).

Around 93.32% 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 11.61% 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.	%
IX.	Diseases of the Circulatory System	842	31.48	527	34.65	1369	32.63
II.	Neoplasms	462	17.27	213	14.00	675	16.09
IV.	Endocrine, Nutritional and Metabolic Diseases	305	11.40	234	15.38	539	12.85
X.	Diseases of the Respiratory System	343	12.82	144	9.47	487	11.61
XIV.	Diseases of the Genitourinary System	219	8.19	135	8.88	354	8.44
XI.	Diseases of the Digestive System	207	7.74	101	6.64	308	7.34
I.	Certain Infectious and Parasitic Diseases	117	4.37	53	3.48	170	4.05
XVIII.	Symptoms, Signs and Abnormal Clinical And Laboratory Findings,Not Elsewhere Classified	66	2.47	38	2.50	104	2.48
XIX.	Injury, Poisoning qnd Certain Other Consequences Of External Causes	67	2.50	32	2.10	99	2.36
	All other causes	47	1.76	44	2.89	91	2.17
	ALL CAUSES (MAJOR GROUP I to XIX)	2675	100	1521	100	4196	100
	Deaths in the age group 65-69 year as percentage to total Medically certified Deaths-		14.84		13.51		14.33

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):

34.23% of total medically certified deaths are from the age group of 70 years and above. It accounts for 31.47% of males and 38.65% of female deaths in their respective total medically certified deaths. Out of 10023 deaths in 70 and above age group, 5671 were males (56.58%).

In this age group 'Diseases of the Circulatory System' alone contribute 37.65% of deaths. Ischemic Heart Diseases constitute maximum number (39.61%) of 'Circulatory system deaths' followed by 'Cerebrovascular diseases' (36.86%).

'Diseases of Respiratory System' is the second leading cause of death with 14.63% of total deaths under this age group. 'Other Lower Respiratory Disorders', 'All other Diseases of the Respiratory System' and 'Pneumonia' constituents of Diseases of Respiratory system are 72.44%, 12.14% and 10.71% respectively.

With the share of 13.15%, 'Endocrine, Nutritional and Metabolic Disease' is the third leading cause group of death in this age group. 'Diabetes Mellitus' is alone cause for about 85.90% deaths under this age group. The share of Neoplasm deaths in this age group is 11.33%. The percentage of male death rate is 68.40%.

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/C AT./ S.C	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
IX.	Diseases of the Circulatory System	1920	33.86	1854	42.60	3774	37.65
X.	Diseases of the Respiratory System	952	16.79	514	11.81	1466	14.63
IV.	Endocrine, Nutritional and Metabolic Diseases	663	11.69	656	15.07	1319	13.16
II.	Neoplasms	777	13.70	359	8.25	1136	11.33
XIV.	Diseases of the Genitourinary System	523	9.22	339	7.79	862	8.60
XI.	Diseases of the Digestive System	283	4.99	179	4.11	462	4.61
I.	Certain Infectious and Parasitic Diseases	205	3.61	136	3.13	341	3.40
	All other causes	239	4.59	291	7.00	530	5.66
	ALL CAUSES (MAJOR GROUP I to XX)	5671	100	4352	100	10023	100
	Deaths in the age group 65-69 year as percentage to total Medically certified Deaths-		31.47		38.65		34.23

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

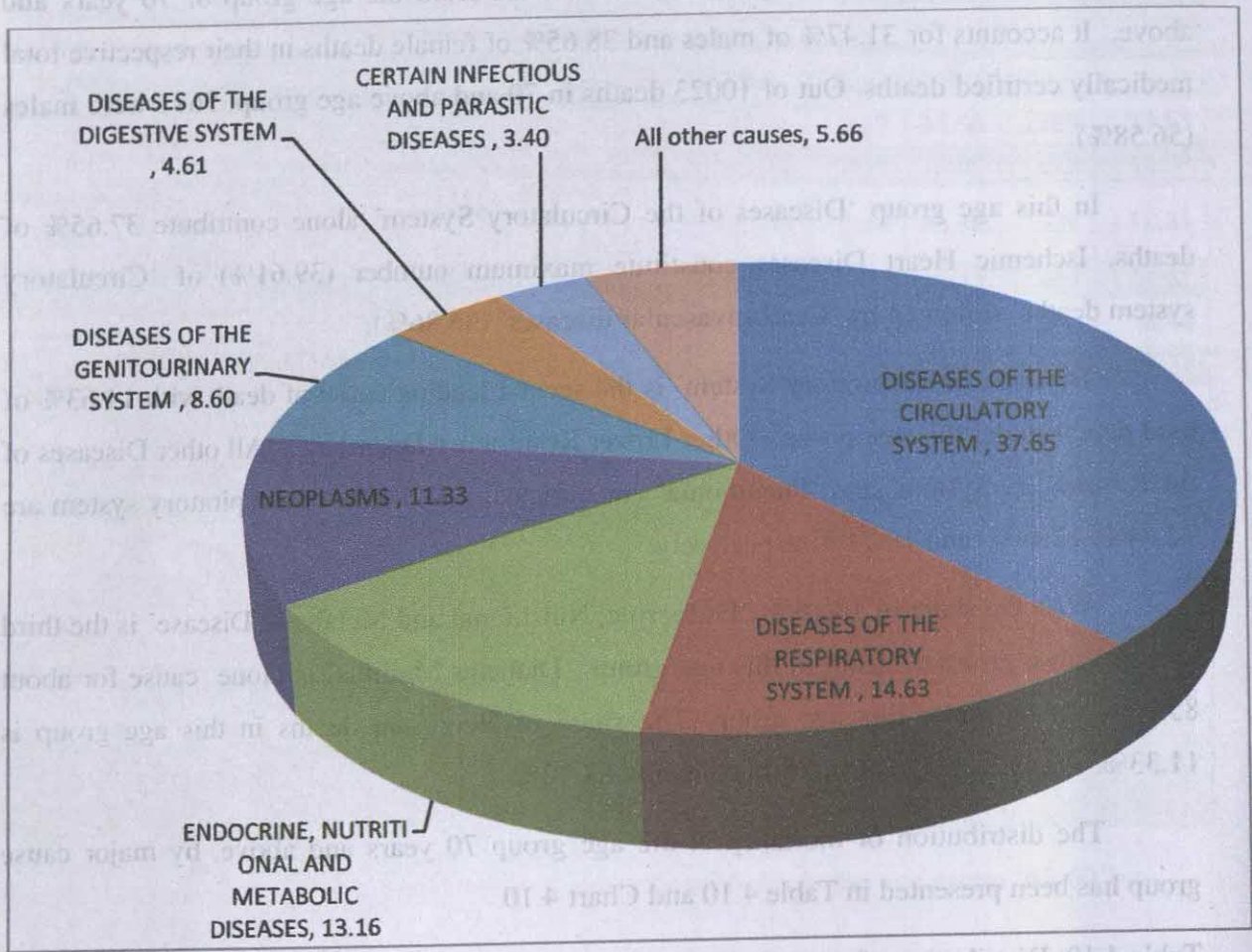


Table 4.10: Distribution of mortality among old aged persons '70 or above years' by major cause groups

CAUSE OF DEATH	Male	Female	Sex	Rate	Rate	Rate
IX. Diseases of the Circulatory System	1950	1874	45.60	37.74	37.65	37.65
X. Diseases of the Respiratory System	951	714	11.81	14.68	14.63	14.63
IV. Endocrine, Nutritional and Metabolic Diseases	663	656	12.07	13.19	13.16	13.16
II. Neoplasms	771	859	8.52	11.98	11.33	11.33
XIV. Diseases of the Genitourinary System	371	389	7.78	5.85	8.60	8.60
XI. Diseases of the Digestive System	408	409	4.11	4.61	4.61	4.61
I. Certain Infectious and Parasitic Diseases	305	188	3.13	3.41	3.40	3.40
All other causes	559	191	7.00	5.66	5.66	5.66
ALL CAUSES (MAJOR GROUP I to XI)	5671	4953	100	100.03	100	100
Deaths in the age group 65-69 years	31.47	98.02				34.23





Appendices

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

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.)

Sl. No	Name of Hospital	Govt/Pvt
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.)

SlNo	Name of Hospital	Govt/Pvt
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 (40 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	Pvt

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

TOTAL MCCD HOSPITAL IN KERALA-149

	Hospital	
10	Tahmina Hospital	Pvt
11	Govt. Homoeo Hospital	Govt
12	Govt. Leprosy Hospital Kothamangalam	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	Ignatius International Hospital and Research Centre	Pvt
21	Koysa 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	National Hospital	Pvt
29	Normata Hospital	Pvt
30	PVS Hospital Pvt Ltd	Pvt
31	Pain & Palliative Care Society	Pvt
32	Rajendra Nursing Home	Pvt
33	Ramachandra Nursing Home	Pvt
34	R.M. Hospital	Pvt
35	Sankar Hospital	Pvt
36	Shree Surgery & Urology Centre	Pvt
37	TP's Hospital	Pvt
38	Valluam Medical Centre	Pvt
39	Vijaya Hospital	Pvt
40	Viveka Hospital	Pvt

TOTAL MCCD HOSPITAL IN KERALA-149

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

hereby certify that the person whose particular care given below died in the hospital in

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

NAME OF DECEASED :					For use of Statistical Office
Sex	Age of Death :				
1. Male	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	
2. Female					
CAUSE OF DEATH I (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 underlying conditions last (c)..... II Other significant conditions contributing to the death but not related to the disease or condition causing it.....					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 onand expired on

Doctor.....

(Medical Superintendent & Name of Hospital)

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/Kumson/wife/daughter of
resident ofwas under my treatment
 from.....to.....and he/she died onatAM/PM.

NAME OF DECEASED					For use of Statistical Office
Sex	Age of Death				
1.Male	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	
2.Female					
CAUSE OF DEATH I (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 underlying conditions last (c)..... II 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)

MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES

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

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
I. CERTAIN INFECTIOUS AND PARASITIC DISEASES	A00-B99
1 Intestinal infectious diseases	A00-A09
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
2 Tuberculosis	A15-A19
1 Respiratory tuberculosis	A15-A16
2 Tuberculosis of nervous system	A17
3 Tuberculosis of other organs & miliary tuberculosis	A18-A19
3 Other bacterial diseases	A20-A49
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
4 Infections with a predominantly sexual mode of transmission	A50-A64
1 Syphilis	A50-A53
2 Other types of infections with a predominantly sexual mode of transmission	A54-A64

5 Viral diseases	A70-A74 & A80-B34
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
6 Protozoal diseases	B50-B64
1 Malaria	B50-B54
2 All other types of protozoal diseases	B55-B64
7 Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases	A65-A69 & A75-A79, B35-B49
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
II. NEOPLASMS	C00-D48
8 Malignant neoplasms of lip, oral cavity and pharynx	C00-C14
9 Malignant neoplasms of digestive organs	C15-C26
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

10 Malignant neoplasms of respiratory and intrathoracic Organs	C30-C39
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
11 Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast	C40-C50
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
12 Malignant neoplasms of genitourinary organs	C51-C68
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
13 Malignant neoplasms of eye, brain and other parts of central nervous system	C69-C72
1 Malignant neoplasm of eye & adnexa	C69
2 Malignant neoplasm of meninges, brain and other parts of central nervous system	C70-C72
14 Malignant neoplasms of other and unspecified sites	C73-C80 & C97
15 Malignant neoplasms of lymphoid, haematopoietic and related tissue	C81-C96
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
16 Carcinoma in situ	D00-D09
17 Benign neoplasms	D10-D36
1 Leiomyoma of uterus	D25
2 All other benign neoplasms	D10-D24 & D26-D36
18 Other and unspecified neoplasm	D37-D48

III. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM D50-D89

19 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism

D50-D89

- 1 Thalassemia
- 2 Other anaemias
- 3 All other diseases of blood and blood-forming organs
- 4 Certain disorders involving the immune mechanism

D56
D50-D55, D57-D64
D65-D76
D80-D89

IV. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES E00-E89

20 Malnutrition

E40-E46

- 1 Kwashiorkor
- 2 Nutritional marasmus
- 3 Other protein-energy malnutrition

E40
E41
E42-E46

21 Endocrine, other nutritional and metabolic diseases

E00-E34 & E50-E89

- 1 Disorders of thyroid gland
- 2 Diabetes mellitus
- 3 All other nutritional deficiencies
- 4 All other endocrine and metabolic diseases

E00-E07
E10-E14
E50-E64
E15-E34 & E65-E89

V. MENTAL AND BEHAVIOURAL DISORDERS

F01-F99

22 Mental and behavioural disorders

F01-F99

- 1 Mental and behavioural disorders due to psychoactive substance use
- 2 Schizophrenia, schizotypal & delusional disorders
- 3 All other mental and behavioural disorders

F10-F19
F20-F29
F01-F09, F30-F99
G00-G98

VI. DISEASES OF THE NERVOUS SYSTEM

23 Inflammatory diseases of the central nervous system

G00-G09

- 1 Meningitis
- 2 Encephalitis, myelitis and encephalomyelitis
- 3 Other inflammatory diseases of the central nervous System

G00 & G03
G04
G06, G08-G09

24 Other diseases of the nervous system

G10-G98

- 1 Alzheimer's disease G30
 - 2 Epilepsy
 - 3 All other diseases of the nervous system
- G98

G40-G41
G10-G25, G31, G35-G37, G43-

VII. DISEASES OF THE EYE AND ADNEXA	H00-H59
25 Disease of the eye and adnexa	H00-H59
VIII. DISEASES OF THE EAR AND MASTOID PROCESS	H60-H95
26 Diseases of the ear and mastoid process	H60-H93
IX. DISEASES OF THE CIRCULATORY SYSTEM	I00-I99
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
X. DISEASES OF THE RESPIRATORY SYSTEM	J00-J98
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

34 Lower respiratory diseases**J20-J22 & J40-J47**

- 1 Acute bronchitis and acute bronchiolitis
- 2 Bronchitis, chronic and unspecified, emphysema
- 3 Asthma
- 4 Other lower respiratory disorders

J20-J21
J40-J43
J45-J46
J22, J44 & J47

35 Other diseases of the respiratory system**J10-J18, J60-J98**

- 1 Influenza
- 2 Pneumonia
- 3 Pleurisy
- 4 All other diseases of the respiratory system

J10-J11
J12-J18
J90
J60-J86, J92-J98.

XI. DISEASES OF THE DIGESTIVE SYSTEM**K00-K92****36 Diseases of oral cavity, salivary glands and jaws****K00-K14****37 Diseases of the other parts of digestive system****K20-K92**

- 1 Gastric and duodenal ulcer
- 2 Gastritis and duodenitis
- 3 Diseases of appendix
- 4 Hernia
- 5 Paralytic ileus and intestinal obstruction without hernia
- 6 Peritonitis
- 7 Diseases of the liver
- 8 Cholelithiasis and cholecystitis
- 9 Disorders of the pancreas
- 10 All other diseases of the other parts of digestive system

K25-K27
K29
K35-K38
K40-K46
K56
K65
K70-K76
K80-K81
K85-K86
K20-K22, K28, K30-K31,
K50-K55, K57-K63, K66, K82-K83
& K90-K92

XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE**38 Diseases of the skin and subcutaneous tissue****L00-L98**

- 1 Infections of the skin and subcutaneous tissue
- 2 All other diseases of the skin and subcutaneous tissue

L00-L08
L10-L98

XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE**M00-M99****39 Diseases of the musculoskeletal system and connective tissue****M00-M99**

- 1 Rheumatoid arthritis and other inflammatory Polyarthropathies
- 2 Osteomyelitis
- 3 All other diseases of the musculoskeletal system and connective tissue

M05-M13
M86

M00-M02, M15-M85, M87-M99

XIV. DISEASES OF THE GENITOURINARY SYSTEM N00-N99

40 Diseases of urinary system

- | | |
|--|---------|
| 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

- | | |
|---|-------------------|
| 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 000-099

42 Pregnancy with abortive outcome

- | | |
|---|---------|
| 1 Spontaneous abortion | 000-008 |
| 2 Medical abortion | O03 |
| 3 Other pregnancies with abortive outcome | O04 |

43 Other direct obstetric deaths

- | | |
|--|-------------------|
| 1 Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium | 000-002 & O05-008 |
| 2 Infections of genitourinary tract in pregnancy | O10-O92 |
| 3 Obstructed labour | O10-O16 |
| 4 Complications pre-dominantly related to the puerperium | O23 |
| 5 Other complications of pregnancy and delivery | O64-O66 |

44 Other obstetric conditions, not elsewhere classified

- | | |
|--|----------------------------|
| 1 Indirect obstetric deaths | O85-O92 |
| 2 All other obstetric conditions, not elsewhere classified | O20-O22, O24-O63 & O67-O84 |

XVI. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

45 Certain conditions originating in the perinatal period

- | | |
|--|---------|
| 1 Slow foetal growth, foetal malnutrition and immaturity | P00-P96 |
| 2 Birth trauma | P00-P96 |
| 3 Hypoxia, birth asphyxia and other respiratory conditions | P05-P07 |
| 4 Haemolytic disease of foetus and new-born | P10-P15 |
| 5 Other perinatal jaundice | P20-P28 |
| 6 All other conditions originating in the perinatal period | P55 |
- P58-P59
P00-P04, P08, P29-P54,
P56-P57, P60-P96.

XVII. CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES

Q00-Q99

46 Congenital malformations, deformations and chromosomal abnormalities

Q00-Q99

- 1 Spina bifida
- 2 Congenital malformations of the circulatory system
- 3 Cleft lip and cleft palate
- 4 All other congenital malformations, deformations and
chromosomal abnormalities, not elsewhere classified

Q05

Q20-Q28

Q35-Q37

Q00-Q04, Q06-Q18,

Q30-Q34 & Q38-Q99

XVIII. SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED

R00-R99

47 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified

R00-R99

- 1 Abdominal and pelvic pain
- 2 Ascites
- 3 Somnolence, stupor and coma
- 4 Fever of unknown origin
- 5 Senility
- 6 Syncope and collapse
- 7 Convulsions, not elsewhere classified
- 8 Shock, not elsewhere classified

R10

R18

R40

R50

R54

R55

R56

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

XIX. INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES

S00-T98

48 Fractures

**S02, S12, S22, S32, S42, S52, S62,
S72, S82, S92, T02, T08, T10 & T12**

- 1 Fracture of skull and facial bones
- 2 Fracture of neck, thorax or pelvis
- 3 Fracture of upper limb
- 4 Fractures of lower limb
- 5 Fractures involving multiple body regions and of
unspecified body region

S02

S12, S22, S32 & T08

S42, S52, S62 & T10

S72, S82, S92 & T12

T02

49 Dislocations, sprains and strains of specified and multiple body regions

**S03, S13, S23, S33, S43, S53,
S63, S73, S83, S93, T03**

50 Intracranial and internal injuries, including nerves

**S04, S06, S14, S24, S26-S27,
S34, S36-S37, S44, S54, S64,
S74, S84 & S94**

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**

**52 Other injuries of specified, unspecified and multiple body regions
S25,**

S00-S01, S05, S09-S11, S15-S16, S19-S21,

**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**

53 Effects of foreign body entering through natural orifice

T15-T19

54 Burns and Corrosions

T20-T32

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

T36-T50 & T51-T65

56 Other and unspecified effects of external causes and certain early complications of trauma

T33-T35, T66-T79

57 Complications of Surgical and Medical care, not elsewhere classified

T80-T88

58 Late effects of injuries, of poisoning and of other consequences of external causes

T90-T98

XX. EXTERNAL CAUSES OF MORBIDITY AND MORTALITY V01-Y89

E48 Transport accidents

V01-V99

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,
V89.2-V89.3**

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,**

V89.1	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	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
E49 Accidental Falls	W00-W19
E50 Accidental drowning and submersion	W65-W74
E51 Exposure to smoke, fire and flames	X00-X09
E52 Accidental poisoning by and exposure to noxious substances	X40-X49
E53 Intentional self-harm (Suicide- attempted)	X60-X84
E54 Assault (Homicide)	X85-Y09
E55 Other Violence	Y10-Y36
1 Event of undetermined intent	Y10-Y34
2 Legal intervention	Y35
3 Operations of war	Y36
E56 Complications of medical and surgical care	Y40-Y84
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
E57 Other external causes of accidental injury, not elsewhere Classified	W20-W64, W75-W99, X10-X39, X50- X59
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	W20-W23, W35-W64, W75- W99,
	X10-X19, X28-X31, X33-X39 & X50-X59
E58 Late effects of external causes of morbidity and mortality	Y85-Y89

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	256	59	102	450	58	925
		F	135	27	39	276	24	501
		T	391	86	141	726	82	1426
II.	Neoplasms (C00-D48)	M	779	144	823	1013	202	2961
		F	501	88	539	604	121	1853
		T	1280	232	1362	1617	323	4814
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	M	32	1	56	43	16	148
		F	38	4	63	45	21	171
		T	70	5	119	88	37	319
IV.	Endocrine, nutritional and metabolic diseases (E00-E89)	M	516	21	170	940	83	1730
		F	428	9	175	766	113	1491
		T	944	30	345	1706	196	3221
V.	Mental and behavioural disorders (F01-F99)	M	1	1	0	10	3	15
		F	1	0	0	2	0	3
		T	2	1	0	12	3	18
VI.	Diseases of the nervous system (G00-F98)	M	59	14	27	186	12	298
		F	44	17	15	122	8	206
		T	103	31	42	308	20	504
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
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
IX.	Diseases of the circulatory system (I00-I99)	M	834	486	981	1760	606	4667
		F	547	287	713	1318	478	3343
		T	1381	773	1694	3078	1084	8010
X.	Diseases of the respiratory system (J00-J98)	M	343	225	331	784	299	1982
		F	203	136	174	371	124	1008
		T	546	361	505	1155	423	2990
XI.	Diseases of the digestive system (K00-K92)	M	301	104	517	591	126	1639
		F	75	34	147	197	47	500
		T	376	138	664	788	173	2139
XII.	Diseases of the skin and subcutaneous tissue (L00-L98)	M	10	4	1	25	0	40
		F	6	4	0	23	0	33
		T	16	8	1	48	0	73

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	10	1	4	31	2	48
		F	19	3	10	30	0	62
		T	29	4	14	61	2	110
XIV.	Diseases of the genitourinary system (N00-N99)	M	113	99	700	292	161	1365
		F	60	83	359	175	125	802
		T	173	182	1059	467	286	2167
XV.	Pregnancy, childbirth and the puerperium (O00-O99)	F	7	1	0	16	0	24
		T	7	1	0	16	0	24
XVI.	Certain conditions originating in the perinatal period (P00-P96)	M	129	3	72	257	23	484
		F	112	3	39	202	13	369
		T	241	6	111	459	36	853
XVII.	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	M	114	0	34	152	6	306
		F	100	0	35	130	5	270
		T	214	0	69	282	11	576
XVIII I.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified (R00-R99)	M	272	12	81	68	191	624
		F	128	11	34	34	89	296
		T	400	23	115	102	280	920
XIX.	Injury, poisoning and certain other consequences of external causes (S00-T98)	M	114	23	145	481	24	787
		F	51	17	63	192	4	327
		T	165	40	208	673	28	1114
XX.	External causes of morbidity and mortality (V01-Y89)	M	117	19	159	482	25	802
		F	60	13	65	193	5	336
		T	177	32	224	675	30	1138
	ALL CAUSES (MAJOR GROUP I to XIX)	M	3884	1197	4044	7084	1812	18021
		F	2455	724	2405	4503	1172	11259
		T	6339	1921	6449	11587	2984	29280
	ALL CAUSES (MAJOR GROUP I to XX)	M	4001	1216	4203	7566	1837	18823
		F	2515	737	2470	4696	1177	11595
		T	6516	1953	6673	12262	3014	30418

**TABLE - CENTER WISE CAUSE OF DEATH BY ALL CAUSE GROUP ACCORDING TO
NATIONAL LIST OF TENTH REVISION OF ICD**

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpn	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES (A00-B99)	M	256	59	102	450	58	925
		F	135	27	39	276	24	501
		T	391	86	141	726	82	1426
1	Intestinal infectious diseases (A00-A09)	M	2	1	0	21	0	24
		F	8	1	0	27	0	36
		T	10	2	0	48	0	60
1	Cholera (A00)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Typhoid fever and paratyphoid fevers (A01)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Food poisoning (A02, A05)	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
		T	1	0	0	0	0	1
4	Shigellosis (A03)	M	0	0	0	0	0	0
		F	0	0	0	2	0	2
		T	0	0	0	2	0	2
5	Amoebiasis (A06)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
6	Diarrhoea and gastroenteritis of presumed infectious origin (A09)	M	1	1	0	21	0	23
		F	8	1	0	25	0	34
		T	9	2	0	46	0	57
7	Other intestinal infectious diseases (A04, A07-A08)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Tuberculosis (A15-A19)	M	73	10	31	90	18	222
		F	19	3	6	32	10	70
		T	92	13	37	122	28	292
1	Respiratory tuberculosis (A15-A16)	M	64	10	30	64	17	185
		F	19	3	4	15	9	50
		T	83	13	34	79	26	235
2	Tuberculosis of nervous system (A17)	M	5	0	0	10	1	16
		F	0	0	1	4	0	5
		T	5	0	1	14	1	21
3	Tuberculosis of other organs & miliary tuberculosis (A18-A19)	M	4	0	1	16	0	21
		F	0	0	1	13	1	15
		T	4	0	2	29	1	36

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 bacterial diseases (A20-A49)	M	71	33	49	116	35	304
		F	44	17	23	67	11	162
		T	115	50	72	183	46	466
1	Plague (A20)	M	0	0	5	0	0	5
		F	0	0	0	0	0	0
		T	0	0	5	0	0	5
2	Leprosy (A30)	M	0	0	0	1	0	1
		F	0	0	0	1	0	1
		T	0	0	0	2	0	2
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	0	0	0	1	1	2
		F	0	0	0	1	1	2
		T	0	0	0	2	2	4
5	Diphtheria (A36)	M	0	0	0	0	0	0
		F	0	0	0	2	0	2
		T	0	0	0	2	0	2
6	Whooping cough (A37)	M	0	0	0	0	0	0
		F	0	0	0	1	1	2
		T	0	0	0	1	1	2
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	69	33	31	59	16	208
		F	40	17	19	33	6	115
		T	109	50	50	92	22	323
9	All other types of bacterial diseases (A21-A28, A31-A32, A38, A42-A49)	M	2	0	13	55	18	88
		F	4	0	4	29	3	40
		T	6	0	17	84	21	128
4	Infections with a predominantly sexual mode of transmission (A50-A64)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
1	Syphilis (A50-A53)	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
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	0	0
		T	0	0	0	0	0	0
5	Viral diseases (A70-A74 & A80-B34)	M	68	14	18	138	4	242
		F	56	6	10	128	3	203
		T	124	20	28	266	7	445
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	1	0	1
		F	0	0	0	1	0	1
		T	0	0	0	2	0	2
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	3	1	1	4	1	10
		F	3	0	1	3	1	8
		T	6	1	2	7	2	18
5	Dengue fever (A90)	M	35	3	12	80	1	131
		F	30	3	6	87	0	126
		T	65	6	18	167	1	257
6	Other arthropod-borne viral fevers and viral haemorrhagic fevers (A91-A94, A96-A99)	M	8	5	1	3	1	18
		F	11	2	2	2	1	18
		T	19	7	3	5	2	36
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	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
9	Acute Hepatitis B (B16)	M	6	1	0	4	0	11
		F	2	0	0	2	0	4
		T	8	1	0	6	0	15
10	Other viral hepatitis (B15, B17-B19)	M	2	3	1	7	0	13
		F	0	1	1	8	0	10
		T	2	4	2	15	0	23
11	Human immunodeficiency virus [HIV] disease (B20-B24)	M	8	0	1	27	1	37
		F	4	0	0	15	1	20
		T	12	0	1	42	2	57
12	All other types of viral diseases (A70-A74, A81, A87-A89, A95, B00-B02, B04, B06-B09 & B25-B34)	M	6	1	2	12	0	21
		F	6	0	0	10	0	16
		T	12	1	2	22	0	37

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	0	0	4	1	0	5
		F	0	0	0	0	0	0
		T	0	0	4	1	0	5
1	Malaria (B50-B54)	M	0	0	1	1	0	2
		F	0	0	0	0	0	0
		T	0	0	1	1	0	2
2	All other types of protozoal diseases (B55-B64)	M	0	0	3	0	0	3
		F	0	0	0	0	0	0
		T	0	0	3	0	0	3
7	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases (A65-A69 & A75-A79, B35-B49,	M	42	1	0	84	1	128
		F	8	0	0	22	0	30
		T	50	1	0	106	1	158
1	Filariasis (B74)	M	0	1	0	0	0	1
		F	1	0	0	2	0	3
		T	1	1	0	2	0	4
2	Other helminthiasis (B65-B73, B75, B77-B83)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M	0	0	0	0	0	0
		F	0	0	0	1	0	1
		T	0	0	0	1	0	1
4	All other infectious & parasitic diseases and late effects of infectious & parasitic diseases (B35-B49, B76, B85-B99)	M	42	0	0	84	1	127
		F	7	0	0	19	0	26
		T	49	0	0	103	1	153
II.	NEOPLASMS (C00-D48)	M	779	144	823	1013	202	2961
		F	501	88	539	604	121	1853
		T	1280	232	1362	1617	323	4814
8	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	74	12	81	77	15	259
		F	18	11	17	14	5	65
		T	92	23	98	91	20	324
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	74	12	81	77	15	259
		F	18	11	17	14	5	65
		T	92	23	98	91	20	324
9	Malignant neoplasms of digestive organs (C15-C26)	M	162	56	291	320	58	887
		F	73	16	117	142	23	371
		T	235	72	408	462	81	1258
1	Malignant neoplasm of oesophagus (C15)	M	22	10	32	40	8	112
		F	10	1	9	14	3	37
		T	32	11	41	54	11	149
2	Malignant neoplasm of stomach (C16)	M	15	7	48	74	14	158
		F	9	3	25	35	1	73
		T	24	10	73	109	15	231

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	0	0	2	5	0	7
		F	1	0	3	0	1	5
		T	1	0	5	5	1	12
4	Malignant neoplasm of colon (C18)	M	26	3	31	28	4	92
		F	13	2	22	22	7	66
		T	39	5	53	50	11	158
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal (C19-C21)	M	20	8	16	28	4	76
		F	13	3	18	20	2	56
		T	33	11	34	48	6	132
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	43	21	130	100	15	309
		F	12	4	14	22	3	55
		T	55	25	144	122	18	364
7	Malignant neoplasm of pancreas (C25)	M	24	6	19	28	9	86
		F	11	2	20	19	4	56
		T	35	8	39	47	13	142
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	12	1	13	17	4	47
		F	4	1	6	10	2	23
		T	16	2	19	27	6	70
10	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	M	173	40	180	269	73	735
		F	27	14	40	68	14	163
		T	200	54	220	337	87	898
1	Malignant neoplasm of larynx (C32)	M	10	7	19	17	6	59
		F	0	2	1	3	0	6
		T	10	9	20	20	6	65
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	162	33	158	249	67	669
		F	27	12	38	65	14	156
		T	189	45	196	314	81	825
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	1	0	3	3	0	7
		F	0	0	1	0	0	1
		T	1	0	4	3	0	8
11	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	M	10	4	8	20	5	47
		F	78	27	146	114	34	399
		T	88	31	154	134	39	446
1	Malignant neoplasm of bone and articular cartilage (C40-C41)	M	4	2	3	5	3	17
		F	2	2	0	0	0	4
		T	6	4	3	5	3	21
2	Malignant melanoma of skin (C43)	M	0	0	0	2	0	2
		F	0	0	0	0	0	0
		T	0	0	0	2	0	2
3	Other malignant neoplasms of skin (C44)	M	0	0	1	0	0	1
		F	0	1	2	0	0	3
		T	0	1	3	0	0	4

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvm	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	2	4	9	2	22
		F	10	1	7	14	2	34
		T	15	3	11	23	4	56
5	Malignant neoplasm of breast (C50)	M	1	0	0	4	0	5
		F	66	23	137	100	32	358
		T	67	23	137	104	32	363
12	Malignant neoplasms of genitourinary organs (C51-C68)	M	36	9	77	81	19	222
		F	53	10	86	68	23	240
		T	89	19	163	149	42	462
1	Malignant neoplasm of cervix uteri (C53)	F	15	3	14	19	9	60
		T	15	3	14	19	9	60
2	Malignant neoplasm of other and unspecified parts of uterus (C54-C55)	F	11	1	18	15	3	48
		T	11	1	18	15	3	48
3	Malignant neoplasm of ovary (C56)	F	26	6	52	28	9	121
		T	26	6	52	28	9	121
4	Malignant neoplasm of placenta (C58)	F	0	0	1	0	1	2
		T	0	0	1	0	1	2
5	Other malignant neoplasms of female genital organs (C51-C52, C57)	F	0	0	1	0	1	2
		T	0	0	1	0	1	2
6	Malignant neoplasm of prostate (C61)	M	19	6	44	40	11	120
		T	19	6	44	40	11	120
7	Other malignant neoplasms of male genital organs (C60, C62-C63)	M	2	1	1	1	0	5
		T	2	1	1	1	0	5
8	Malignant neoplasm of bladder (C67)	M	8	2	10	28	7	55
		F	0	0	0	2	0	2
		T	8	2	10	30	7	57
9	Other malignant neoplasms of urinary tract (C64-C66, C68)	M	7	0	22	12	1	42
		F	1	0	0	4	0	5
		T	8	0	22	16	1	47
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	M	21	3	11	18	4	57
		F	13	2	9	20	3	47
		T	34	5	20	38	7	104
1	Malignant neoplasm of eye & adnexa (C69)	M	1	0	0	0	0	1
		F	0	0	0	0	0	0
		T	1	0	0	0	0	1
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	20	3	11	18	4	56
		F	13	2	9	20	3	47
		T	33	5	20	38	7	103
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	64	5	39	62	9	179
		F	73	2	33	45	6	159
		T	137	7	72	107	15	338

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvm	Kallam	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	64	5	39	62	9	179
		F	73	2	33	45	6	159
		T	137	7	72	107	15	338
15	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	225	15	112	153	12	517
		F	157	6	71	110	8	352
		T	382	21	183	263	20	869
1	Hodgkin's disease (C81)	M	11	2	7	6	0	26
		F	8	2	3	0	1	14
		T	19	4	10	6	1	40
2	Non-Hodgkin's lymphoma (C82-C85)	M	53	1	38	44	4	140
		F	29	0	23	28	4	84
		T	82	1	61	72	8	224
3	Multiple myeloma and malignant plasma cell neoplasms (C90)	M	27	2	19	35	3	86
		F	13	1	13	22	2	51
		T	40	3	32	57	5	137
4	Leukaemia (C91-C95)	M	133	9	47	63	4	256
		F	107	3	32	60	1	203
		T	240	12	79	123	5	459
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	M	1	1	1	5	1	9
		F	0	0	0	0	0	0
		T	1	1	1	5	1	9
16	Carcinoma in situ (D00-D09)	M	1	0	0	0	0	1
		F	1	0	0	0	0	1
		T	2	0	0	0	0	2
1	Carcinoma in situ (D00-D09)	M	1	0	0	0	0	1
		F	1	0	0	0	0	1
		T	2	0	0	0	0	2
17	Benign neoplasms (D10-D36)	M	6	0	14	8	5	33
		F	7	0	16	15	3	41
		T	13	0	30	23	8	74
1	Leiomyoma of uterus (D25)	F	1	0	0	1	0	2
		T	1	0	0	1	0	2
2	All other benign neoplasms (D10-D24 & D26-D36)	M	6	0	14	8	5	33
		F	6	0	16	14	3	39
		T	12	0	30	22	8	72
18	Other and unspecified neoplasm (D37-D48)	M	7	0	10	5	2	24
		F	1	0	4	8	2	15
		T	8	0	14	13	4	39
1	Other and unspecified neoplasm (D37-D48)	M	7	0	10	5	2	24
		F	1	0	4	8	2	15
		T	8	0	14	13	4	39

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
III.	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	M	32	1	56	43	16	148
		F	38	4	63	45	21	171
		T	70	5	119	88	37	319
19	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	M	32	1	56	43	16	148
		F	38	4	63	45	21	171
		T	70	5	119	88	37	319
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 anacmias (D50-D55, D57-D64)	M	17	1	40	24	11	93
		F	22	3	49	29	20	123
		T	39	4	89	53	31	216
3	All other diseases of blood and blood-forming organs (D65-D76)	M	15	0	15	17	5	52
		F	15	1	12	14	1	43
		T	30	1	27	31	6	95
4	Certain disorders involving the immune mechanism (D80-D89)	M	0	0	1	1	0	2
		F	1	0	2	1	0	4
		T	1	0	3	2	0	6
IV.	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES (E00-E89)	M	516	21	170	940	83	1730
		F	428	9	175	766	113	1491
		T	944	30	345	1706	196	3221
20	Malnutrition (E40-E46)	M	2	0	0	1	0	3
		F	2	0	0	3	0	5
		T	4	0	0	4	0	8
1	Kwashiorkor (E40)	M	0	0	0	0	0	0
		F	1	0	0	0	0	1
		T	1	0	0	0	0	1
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	2	0	0	1	0	3
		F	1	0	0	3	0	4
		T	3	0	0	4	0	7
21	Endocrine, other nutritional and metabolic diseases (E00-E34 & E50-E89)	M	514	21	170	939	83	1727
		F	426	9	175	763	113	1486
		T	940	30	345	1702	196	3213
1	Disorders of thyroid gland (E00-E07)	M	1	0	1	0	0	2
		F	2	0	4	5	0	11
		T	3	0	5	5	0	13
2	Diabetes mellitus (E10-E14)	M	495	17	110	910	40	1572
		F	410	7	104	725	43	1289
		T	905	24	214	1635	83	2861

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	3	0	3
		F	0	0	0	3	0	3
		T	0	0	0	6	0	6
4	All other endocrine and metabolic diseases (E15-E34 & E65-E89)	M	18	4	59	26	43	150
		F	14	2	67	30	70	183
		T	32	6	126	56	113	333
V.	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	1	1	0	10	3	15
		F	1	0	0	2	0	3
		T	2	1	0	12	3	18
22	Mental and behavioural disorders (F01-F99)	M	1	1	0	10	3	15
		F	1	0	0	2	0	3
		T	2	1	0	12	3	18
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	1	1	0	5	0	7
		F	0	0	0	0	0	0
		T	1	1	0	5	0	7
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	All other mental and behavioural disorders (F01-F09, F30-F99)	M	0	0	0	5	3	8
		F	1	0	0	2	0	3
		T	1	0	0	7	3	11
VI.	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	M	59	14	27	186	12	298
		F	44	17	15	122	8	206
		T	103	31	42	308	20	504
23	Inflammatory diseases of the central nervous system (G00-G09)	M	19	3	8	32	5	67
		F	13	4	4	25	5	51
		T	32	7	12	57	10	118
1	Meningitis (G00 & G03)	M	9	1	4	13	0	27
		F	7	3	0	6	2	18
		T	16	4	4	19	2	45
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	4	2	4	13	5	28
		F	5	1	3	13	3	25
		T	9	3	7	26	8	53
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	6	0	0	6	0	12
		F	1	0	1	6	0	8
		T	7	0	1	12	0	20
24	Other diseases of the nervous system (G10-G98)	M	40	11	19	154	7	231
		F	31	13	11	97	3	155
		T	71	24	30	251	10	386
1	Alzheimer's disease (G30)	M	0	0	0	2	0	2
		F	2	1	0	2	0	5
		T	2	1	0	4	0	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
2	Epilepsy (G40-G41)	M	7	0	0	12	0	19
		F	8	1	0	7	0	16
		T	15	1	0	19	0	35
3	All other diseases of the nervous system (G10-G25, G31, G35-G37, G43-G98)	M	33	11	19	140	7	210
		F	21	11	11	88	3	134
		T	54	22	30	228	10	344
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
I	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
I	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	834	486	981	1760	606	4667
		F	547	287	713	1318	478	3343
		T	1381	773	1694	3078	1084	8010
27	Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	M	16	4	3	22	2	47
		F	26	7	6	45	0	84
		T	42	11	9	67	2	131
I	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	16	4	3	22	2	47
		F	26	7	6	45	0	84
		T	42	11	9	67	2	131
28	Hypertensive diseases (I10-I15)	M	80	13	37	264	12	406
		F	70	15	32	182	22	321
		T	150	28	69	446	34	727
I	Hypertensive heart disease (I11)	M	55	1	0	202	0	258
		F	57	6	0	155	0	218
		T	112	7	0	357	0	476

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpam	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
2	All other hypertensive diseases (I10, I12-I15)	M	25	12	37	62	12	148
		F	13	9	32	27	22	103
		T	38	21	69	89	34	251
29	Ischaemic heart diseases (I20-I25)	M	280	199	518	616	306	1919
		F	145	138	354	361	182	1180
		T	425	337	872	977	488	3099
1	Acute myocardial infarction (I21-I22)	M	64	141	114	62	69	450
		F	30	98	76	51	36	291
		T	94	239	190	113	105	741
2	All other ischaemic heart diseases (I20 & I23-I25)	M	216	58	404	554	237	1469
		F	115	40	278	310	146	889
		T	331	98	682	864	383	2358
30	Diseases of pulmonary circulation and other forms of heart disease (I26-I51)	M	90	67	133	138	68	496
		F	75	41	135	110	84	445
		T	165	108	268	248	152	941
1	Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	M	11	13	9	13	5	51
		F	20	13	17	29	12	91
		T	31	26	26	42	17	142
2	Other forms of heart diseases (I30-I51)	M	79	54	124	125	63	445
		F	55	28	118	81	72	354
		T	134	82	242	206	135	799
31	Cerebrovascular diseases (I60-I69)	M	334	198	261	668	202	1663
		F	215	81	170	594	182	1242
		T	549	279	431	1262	384	2905
1	Cerebrovascular diseases (I60-I69)	M	334	198	261	668	202	1663
		F	215	81	170	594	182	1242
		T	549	279	431	1262	384	2905
32	Other diseases of the circulatory system (I70-I99)	M	34	5	29	52	16	136
		F	16	5	16	26	8	71
		T	50	10	45	78	24	207
1	Atherosclerosis (I70)	M	0	0	0	1	0	1
		F	1	0	1	0	0	2
		T	1	0	1	1	0	3
2	Arterial embolism and thrombosis (I74)	M	1	0	1	2	0	4
		F	1	0	4	1	0	6
		T	2	0	5	3	0	10
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-I78)	M	29	4	25	44	8	110
		F	11	5	4	20	0	40
		T	40	9	29	64	8	150
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis (I80-I82)	M	3	0	0	4	0	7
		F	2	0	5	5	0	12
		T	5	0	5	9	0	19

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	1	1	3	1	8	14
		F	1	0	2	0	8	11
		T	2	1	5	1	16	25
X	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	343	225	331	784	299	1982
		F	203	136	174	371	124	1008
		T	546	361	505	1155	423	2990
33	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	M	0	0	1	1	0	2
		F	0	0	0	1	0	1
		T	0	0	1	2	0	3
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	1	0	0	1
		F	0	0	0	0	0	0
		T	0	0	1	0	0	1
4	All other diseases of upper respiratory tract (J30-J39)	M	0	0	0	1	0	1
		F	0	0	0	1	0	1
		T	0	0	0	2	0	2
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	243	181	203	649	222	1498
		F	134	111	78	239	62	624
		T	377	292	281	888	284	2122
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	0	0	1	0	0	1
		F	0	1	1	0	0	2
		T	0	1	2	0	0	3
2	Bronchitis, chronic and unspecified, emphysema (J40-J43)	M	0	2	0	1	1	4
		F	2	0	1	2	0	5
		T	2	2	1	3	1	9
3	Asthma (J45-J46)	M	11	16	1	9	1	38
		F	26	10	3	38	0	77
		T	37	26	4	47	1	115
4	Other lower respiratory disorders (J22, J44 & J47)	M	232	163	201	639	220	1455
		F	106	100	73	199	62	540
		T	338	263	274	838	282	1995
35	Other diseases of the respiratory system (J10-J18, J60-J98)	M	100	44	127	134	77	482
		F	69	25	96	131	62	383
		T	169	69	223	265	139	865
1	Influenza (J10-J11)	M	2	0	1	2	0	5
		F	6	0	2	1	0	9
		T	8	0	3	3	0	14

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpmm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
2	Pneumonia (J12-J18)	M	48	10	100	38	31	227
		F	38	7	72	35	25	177
		T	86	17	172	73	56	404
3	Pleurisy (J90)	M	8	0	0	9	0	17
		F	5	0	0	10	0	15
		T	13	0	0	19	0	32
4	All other diseases of the respiratory system (J60-J86, J92-J98.)	M	42	34	26	85	46	233
		F	20	18	22	85	37	182
		T	62	52	48	170	83	415
XI.	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	301	104	517	591	126	1639
		F	75	34	147	197	47	500
		T	376	138	664	788	173	2139
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	1	1	0	2
		F	0	0	2	2	0	4
		T	0	0	3	3	0	6
I	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	1	1	0	2
		F	0	0	2	2	0	4
		T	0	0	3	3	0	6
37	Diseases of the other parts of digestive system (K20-K92)	M	301	104	516	590	126	1637
		F	75	34	145	195	47	496
		T	376	138	661	785	173	2133
I	Gastric and duodenal ulcer (K25-K27)	M	1	1	2	3	0	7
		F	1	1	0	2	0	4
		T	2	2	2	5	0	11
2	Gastritis and duodenitis (K29)	M	2	0	0	1	0	3
		F	0	0	0	1	0	1
		T	2	0	0	2	0	4
3	Diseases of appendix (K35-K38)	M	1	0	1	2	0	4
		F	0	0	0	1	0	1
		T	1	0	1	3	0	5
4	Hernia (K40-K46)	M	1	0	0	5	0	6
		F	0	2	0	5	0	7
		T	1	2	0	10	0	13
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	9	3	1	16	2	31
		F	4	1	1	9	2	17
		T	13	4	2	25	4	48
6	Peritonitis (K65)	M	4	9	4	2	0	19
		F	2	3	1	2	0	8
		T	6	12	5	4	0	27
7	Diseases of the liver (K70-K76)	M	248	78	444	471	91	1332
		F	46	23	114	135	27	345
		T	294	101	558	606	118	1677

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
8	Cholelithiasis and cholecystitis (K80-K81)	M	0	0	5	5	0	10
		F	3	0	1	4	0	8
		T	3	0	6	9	0	18
9	Disorders of the pancreas	M	12	4	13	24	1	54
		F	2	0	6	7	2	17
		T	14	4	19	31	3	71
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	23	9	46	61	32	171
		F	17	4	22	29	16	88
		T	40	13	68	90	48	259
XII.	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (L00-L98)	M	10	4	1	25	0	40
		F	6	4	0	23	0	33
		T	16	8	1	48	0	73
38	Diseases of the skin and subcutaneous tissue (L00-L98)	M	10	4	1	25	0	40
		F	6	4	0	23	0	33
		T	16	8	1	48	0	73
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	5	3	0	21	0	29
		F	1	2	0	16	0	19
		T	6	5	0	37	0	48
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	5	1	1	4	0	11
		F	5	2	0	7	0	14
		T	10	3	1	11	0	25
XIII.	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	M	10	1	4	31	2	48
		F	19	3	10	30	0	62
		T	29	4	14	61	2	110
39	Diseases of the musculoskeletal system and connective tissue (M00-M99)	M	10	1	4	31	2	48
		F	19	3	10	30	0	62
		T	29	4	14	61	2	110
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)	M	1	0	0	4	0	5
		F	1	2	0	6	0	9
		T	2	2	0	10	0	14
2	Osteomyelitis (M86)	M	0	0	0	1	0	1
		F	0	0	0	0	0	0
		T	0	0	0	1	0	1
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02, M15-M85, M87-M99)	M	9	1	4	26	2	42
		F	18	1	10	24	0	53
		T	27	2	14	50	2	95
XIV.	DISEASES OF THE GENITOURINARY SYSTEM (N00-N99)	M	113	99	700	292	161	1365
		F	60	83	359	175	125	802
		T	173	182	1059	467	286	2167
40	Diseases of urinary system (N00-N39)	M	110	99	698	284	160	1351
		F	60	83	359	174	125	801
		T	170	182	1057	458	285	2152

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tyvm	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
1	Glomerular diseases (including Nephritic Synodrome) (N00-N07)	M	48	0	2	253	0	303
		F	30	0	1	119	1	151
		T	78	0	3	372	1	454
2	Renal tubulo-interstitial diseases (N10-N15)	M	2	0	1	3	0	6
		F	0	0	3	2	1	6
		T	2	0	4	5	1	12
3	Renal failure (N17-N19)	M	37	27	688	6	160	918
		F	18	22	352	9	123	524
		T	55	49	1040	15	283	1442
4	Urolithiasis (N20-N23)	M	0	0	0	0	0	0
		F	0	1	0	1	0	2
		T	0	1	0	1	0	2
5	Other disorders of kidney and ureter (N25-N28)	M	3	65	6	0	0	74
		F	0	46	3	0	0	49
		T	3	111	9	0	0	123
6	All other diseases of urinary system (N30-N39)	M	20	7	1	22	0	50
		F	12	14	0	43	0	69
		T	32	21	1	65	0	119
41	Other diseases of the genitourinary system (N40-N99)	M	3	0	2	8	1	14
		F	0	0	0	1	0	1
		T	3	0	2	9	1	15
1	Hyperplasia of prostate (N40)	M	0	0	2	5	0	7
		T	0	0	2	5	0	7
2	All other diseases of male genital organs (N41-N50)	M	3	0	0	3	1	7
		T	3	0	0	3	1	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	0	0	0	1	0	1
		T	0	0	0	1	0	1
XV.	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	F	7	1	0	16	0	24
		T	7	1	0	16	0	24
42	Pregnancy with abortive outcome (O00-O08)	F	0	0	0	1	0	1
		T	0	0	0	1	0	1
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	1	0	1
		T	0	0	0	1	0	1
43	Other direct obstetric deaths (O10-O92)	F	2	1	0	13	0	16
		T	2	1	0	13	0	16

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvp	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	0	1	0	4	0	5
		T	0	1	0	4	0	5
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	0	0	0	5	0	5
		T	0	0	0	5	0	5
5	Other complications of pregnancy and delivery (O20-O22, O24-O63 & O67-O84)	F	2	0	0	4	0	6
		T	2	0	0	4	0	6
44	Other obstetric conditions, not elsewhere classified (O95-O99)	F	5	0	0	2	0	7
		T	5	0	0	2	0	7
1	Indirect obstetric deaths (O98-O99)	F	5	0	0	2	0	7
		T	5	0	0	2	0	7
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	129	3	72	257	23	484
		F	112	3	39	202	13	369
		T	241	6	111	459	36	853
45	Certain conditions originating in the perinatal period (P00-P96)	M	129	3	72	257	23	484
		F	112	3	39	202	13	369
		T	241	6	111	459	36	853
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	37	1	35	96	6	175
		F	41	2	19	99	4	165
		T	78	3	54	195	10	340
2	Birth trauma (P10-P15)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	50	2	16	65	10	143
		F	24	1	9	33	3	70
		T	74	3	25	98	13	213
4	Haemolytic disease of fetus and new-born (P55)	M	0	0	0	1	0	1
		F	0	0	0	1	0	1
		T	0	0	0	2	0	2
5	Other perinatal jaundice (P58-P59)	M	2	0	2	10	0	14
		F	0	0	2	5	0	7
		T	2	0	4	15	0	21
6	All other conditions originating in the perinatal period (P00-P04, P08, P29-P54, P56-P57, P60-P96.)	M	40	0	19	85	7	151
		F	47	0	9	64	6	126
		T	87	0	28	149	13	277

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpn	Kollam	Kochi	Kzd	Alpzh	
1	2	3	4	5	6	7	8	9
XVII.	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES (Q00-Q99)	M	114	0	34	152	6	306
		F	100	0	35	130	5	270
		T	214	0	69	282	11	576
46	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	M	114	0	34	152	6	306
		F	100	0	35	130	5	270
		T	214	0	69	282	11	576
1	Spina bifida (Q05)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Congenital malformations of the circulatory system (Q20-Q28)	M	63	0	19	57	3	142
		F	64	0	22	68	3	157
		T	127	0	41	125	6	299
3	Cleft lip and cleft palate (Q35-Q37)	M	0	0	0	3	0	3
		F	0	0	0	2	0	2
		T	0	0	0	5	0	5
4	All other congenital malformations, deformations and chromosomal abnormalities, not elsewhere classified (Q00-Q04, Q06-Q18, Q30-Q34 & Q38-Q99)	M	51	0	15	92	3	161
		F	36	0	13	60	2	111
		T	87	0	28	152	5	272
XVIII.	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R00-R99)	M	272	12	81	68	191	624
		F	128	11	34	34	89	296
		T	400	23	115	102	280	920
47	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	M	272	12	81	68	191	624
		F	128	11	34	34	89	296
		T	400	23	115	102	280	920
1	Abdominal and pelvic pain (R10)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Ascites (R18)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Somnolence, stupor and coma (R40)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	Fever of unknown origin (R50)	M	1	0	0	1	0	2
		F	0	2	0	0	0	2
		T	1	2	0	1	0	4
5	Senility (R54)	M	0	6	0	1	0	7
		F	0	6	0	7	0	13
		T	0	12	0	8	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
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	0	0	0
		F	0	0	0	1	0	1
		T	0	0	0	1	0	1
8	Shock, not elsewhere classified (R57)	M	5	2	0	0	5	12
		F	3	3	1	0	2	9
		T	8	5	1	0	7	21
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	266	4	81	66	186	603
		F	125	0	33	26	87	271
		T	391	4	114	92	273	874
XIX.	INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES (S00-T98)	M	114	23	145	481	24	787
		F	51	17	63	192	4	327
		T	165	40	208	673	28	1114
48	Fractures (S02, S12, S22, S32, S42, S52, S62, S72, S82, S92, T02, T08, T10 & T12)	M	44	13	1	17	0	75
		F	4	3	1	6	0	14
		T	48	16	2	23	0	89
1	Fracture of skull and facial bones (S02)	M	39	13	0	0	0	52
		F	4	3	0	0	0	7
		T	43	16	0	0	0	59
2	Fracture of neck, thorax or pelvis (S12, S22, S32 & T08)	M	1	0	1	2	0	4
		F	0	0	1	1	0	2
		T	1	0	2	3	0	6
3	Fracture of upper limb (S42, S52, S62 & T10)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	Fractures of lower limb (S72, S82, S92 & T12)	M	0	0	0	1	0	1
		F	0	0	0	0	0	0
		T	0	0	0	1	0	1
5	Fractures involving multiple body regions, and of unspecified body region (T02)	M	4	0	0	14	0	18
		F	0	0	0	5	0	5
		T	4	0	0	19	0	23
49	Dislocations, sprains and strains of specified and multiple body regions (S03, S13, S23, S33, S43, S53, S63, S73, S83, S93, T03)	M	0	1	0	0	0	1
		F	0	0	0	0	0	0
		T	0	1	0	0	0	1
50	Intracranial and internal injuries, including nerves (S04, S06, S14, S24, S26-S27, S34, S36-S37, S44, S54, S64, S74, S84 & S94)	M	19	0	9	116	2	146
		F	7	0	1	29	0	37
		T	26	0	10	145	2	183

M.G/ CAT. /S.C	CAUSE OF DEATH	SEX	Centres					Total
			Tvpam	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	1	0	0	1
		F	0	0	0	0	0	0
		T	0	0	1	0	0	1
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	22	0	100	205	16	343
		F	11	0	21	29	2	63
		T	33	0	121	234	18	406
53	Effects of foreign body entering through natural orifice (T15-T19)	M	0	0	1	2	0	3
		F	0	0	0	0	0	0
		T	0	0	1	2	0	3
54	Burns and Corrosions (T20-T32)	M	3	2	21	33	1	60
		F	6	2	33	72	0	113
		T	9	4	54	105	1	173
55	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	17	1	7	65	5	95
		F	13	12	5	32	1	63
		T	30	13	12	97	6	158
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35, T66-T79)	M	2	6	4	19	0	31
		F	1	0	2	10	1	14
		T	3	6	6	29	1	45
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	6	0	1	16	0	23
		F	9	0	0	10	0	19
		T	15	0	1	26	0	42
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	1	0	0	8	0	9
		F	0	0	0	4	0	4
		T	1	0	0	12	0	13
XX	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (V01-Y89)	M	117	19	159	482	25	802
		F	60	13	65	193	5	336
		T	177	32	224	675	30	1138
E48	Transport accidents (V01-V99)	M	76	9	112	321	16	534
		F	26	0	20	62	2	110
		T	102	9	132	383	18	644
1	Railway accidents (V05, V15, V80.6, V81, V82.2, V87.6 & V88.6)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
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	76	9	109	321	16	531
		F	26	0	20	62	2	110
		T	102	9	129	383	18	641

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	0	0	3	0	0	3
		F	0	0	0	0	0	0
		T	0	0	3	0	0	3
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	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
E49	Accidental Falls (W00-W19)	M	6	0	12	17	2	37
		F	2	0	6	4	1	13
		T	8	0	18	21	3	50
E50	Accidental drowning and submersion (W65-W74)	M	2	0	0	7	0	9
		F	0	0	0	1	0	1
		T	2	0	0	8	0	10
E51	Exposure to smoke, fire and flames (X00-X09)	M	3	2	21	32	1	59
		F	6	2	28	70	1	107
		T	9	4	49	102	2	166
E52	Accidental poisoning by and exposure to noxious substances (X40-X49)	M	0	0	2	0	0	2
		F	0	0	2	0	0	2
		T	0	0	4	0	0	4
E53	Intentional self-harm (Suicide- attempted) (X60-X84)	M	2	6	5	51	5	69
		F	7	7	7	27	0	48
		T	9	13	12	78	5	117
E54	Assault (Homicide) (X85-Y09)	M	0	0	1	1	0	2
		F	0	0	1	1	0	2
		T	0	0	2	2	0	4
E55	Other Violence (Y10-Y36)	M	12	0	2	20	0	34
		F	2	0	0	4	0	6
		T	14	0	2	24	0	40
1	Event of undetermined intent (Y10-Y34)	M	12	0	2	20	0	34
		F	2	0	0	4	0	6
		T	14	0	2	24	0	40
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
			Tvm	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	6	0	1	16	0	23
		F	9	2	0	12	0	23
		T	15	2	1	28	0	46
1	Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	0	0	0
		F	0	2	0	0	0	2
		T	0	2	0	0	0	2
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	6	0	1	16	0	23
		F	9	0	0	12	0	21
		T	15	0	1	28	0	44
E57	Other external causes of accidental injury, not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	M	10	2	3	16	1	32
		F	8	2	1	11	1	23
		T	18	4	4	27	2	55
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	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Bites of snakes & other venomous animals (X20-X27)	M	6	2	0	6	0	14
		F	6	2	0	6	1	15
		T	12	4	0	12	1	29
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	4	0	3	10	1	18
		F	2	0	1	5	0	8
		T	6	0	4	15	1	26
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	0	0	0	1	0	1
		F	0	0	0	1	0	1
		T	0	0	0	2	0	2
	ALL CAUSES (MAJOR GROUP I to XIX)	M	3884	1197	4044	7084	1812	18021
		F	2455	724	2405	4503	1172	11259
		T	6339	1921	6449	11587	2984	29280
	ALL CAUSES (MAJOR GROUP I to XX)	M	4001	1216	4203	7566	1837	18823
		F	2515	737	2470	4696	1177	11595
		T	6516	1953	6673	12262	3014	30418

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

M.G./CA T./SC	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	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	4	12	23	33	59	82	157	233	117	205	0	925
		F	5	9	22	27	34	56	75	83	53	136	1	501
		T	9	21	45	60	93	138	232	316	170	341	1	1426
II.	Neoplasms (c00-d48)	M	1	25	40	51	68	158	456	919	462	777	4	2961
		F	2	18	34	40	57	196	436	498	213	359	0	1853
		T	3	43	74	91	125	354	892	1417	675	1136	4	4814
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (d50-d89)	M	11	2	3	6	9	16	21	35	5	40	0	148
		F	5	6	7	10	10	13	22	22	14	62	0	171
		T	16	8	10	16	19	29	43	57	19	102	0	319
IV.	Endocrine, nutritional and metabolic diseases (e00-e89)	M	9	5	2	7	21	58	205	455	305	663	0	1730
		F	8	7	5	7	8	40	170	356	234	656	0	1491
		T	17	12	7	14	29	98	375	811	539	1319	0	3221
V.	Mental and behavioural disorders (f01- f99)	M	0	0	0	0	1	4	5	3	1	1	0	15
		F	0	0	0	0	0	0	0	0	0	3	0	3
		T	0	0	0	0	1	4	5	3	1	4	0	18
VI.	Diseases of the nervous system (g00-g98)	M	8	15	13	18	14	20	41	42	31	96	0	298
		F	8	3	16	9	12	9	20	38	22	69	0	206
		T	16	18	29	27	26	29	61	80	53	165	0	504
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

M.G/CA I/SE	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
XVII.	Congenital malformations, deformations and chromosomal abnormalities (q00- q99)	M	242	22	15	8	6	3	7	2	1	0	0	306
		F	212	24	11	7	9	1	3	3	0	0	0	270
		T	454	46	26	15	15	4	10	5	1	0	0	576
XVII I.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified (r00-r99)	M	5	14	15	43	64	82	120	123	66	92	0	624
		F	5	5	8	20	22	25	35	54	38	84	0	296
		T	10	19	23	63	86	107	155	177	104	176	0	920
XIX.	Injury, poisoning and certain other consequences of external causes (s00-r98)	M	1	12	20	100	100	121	139	141	67	86	0	787
		F	3	8	8	46	37	45	41	49	32	58	0	327
		T	4	20	28	146	137	166	180	190	99	144	0	1114
XX.	External causes of morbidity and mortality (v01-y89)	M	1	12	19	104	100	117	144	144	68	93	0	802
		F	0	8	12	44	35	50	42	48	35	62	0	336
		T	1	20	31	148	135	167	186	192	103	155	0	1138
	ALL CAUSES (MAJOR GROUP I to XIX)	M	780	124	172	343	505	998	2470	4271	2675	5671	12	18021
		F	630	94	134	229	300	585	1313	2100	1521	4352	1	11259
		T	1410	218	306	572	805	1583	3783	6371	4196	10023	13	29280
	ALL CAUSES (MAJOR GROUP I to XX)	M	781	136	191	447	605	1115	2614	4415	2743	5764	12	18823
		F	630	102	146	273	335	635	1355	2148	1556	4414	1	11595
		T	1411	238	337	720	940	1750	3969	6563	4299	10178	13	30418

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

M.B/ 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	4	12	23	33	59	82	157	233	117	205	0	925
		F	5	9	22	27	34	56	75	83	53	136	1	501
		T	9	21	45	60	93	138	232	316	170	341	1	1426
1	Intestinal infectious diseases (A00-A09)	M	1	2	0	1	2	0	2	7	2	7	0	24
		F	3	3	3	2	2	0	5	3	2	13	0	36
		T	4	5	3	3	4	0	7	10	4	20	0	60
1	Cholera (A00)	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
3	Food poisoning (A02, A05)	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
4	Shigellosis (A03)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	1	1	0	0	0	0	0	0	0	0	2
		T	0	1	1	0	0	0	0	0	0	0	0	2
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.B./ 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	Neonatal tetanus (A33)	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 tetanus (A34-A35)	M	0	0	0	0	0	0	0	0	2	0	0	2
		F	0	0	0	0	0	0	0	2	0	0	0	2
		T	0	0	0	0	0	0	0	2	2	0	0	4
5	Diphtheria (A36)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	1	0	0	0	0	1	0	0	0	2
		T	0	0	1	0	0	0	0	1	0	0	0	2
6	Whooping cough (A37)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	2	0	0	0	0	0	0	0	0	2
		T	0	0	2	0	0	0	0	0	0	0	0	2
7	Meningococcal infection (A39)	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
8	Septicaemia (A40-A41)	M	0	1	2	5	9	15	29	55	29	63	0	208
		F	2	1	2	2	4	11	14	22	13	44	0	115
		T	2	2	4	7	13	26	43	77	42	107	0	323
9	All other types of bacterial diseases (A21-A28, A31-A32, A38, A42-A49)	M	1	0	0	0	9	11	29	24	6	8	0	88
		F	0	0	1	0	4	2	11	13	6	3	0	40
		T	1	0	1	0	13	13	40	37	12	11	0	128
4	Infections with a predominantly sexual mode of transmission (A50-A64)	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
1	Syphilis (A50-A53)	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.B/ 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	Other types of infections with a predominantly sexual mode of transmission (A54-A64)	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	Viral diseases (A70-A74 & A80-B34)	M	2	7	21	15	22	37	45	43	18	32	0	242
		F	0	5	12	20	19	32	34	24	13	44	0	203
		T	2	12	33	35	41	69	79	67	31	76	0	445
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	1	0	0	0	0	0	0	1
		F	0	0	0	0	1	0	0	0	0	0	0	1
		T	0	0	0	0	2	0	0	0	0	0	0	2
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	2	1	1	1	0	5	0	0	0	0	10
		F	0	2	1	0	1	1	0	0	2	1	0	8
		T	0	4	2	1	2	1	5	0	2	1	0	18
5	Dengue fever (A90)	M	0	3	16	11	8	14	17	28	12	22	0	131
		F	0	2	8	12	9	13	17	19	9	37	0	126
		T	0	5	24	23	17	27	34	47	21	59	0	257
6	Other arthropod-borne viral fevers and viral haemorrhagic fevers (A91-A94, A96-A99)	M	0	1	1	0	2	2	1	2	3	6	0	18
		F	0	0	0	2	3	3	7	2	1	0	0	18
		T	0	1	1	2	5	5	8	4	4	6	0	36

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<4	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
		T	0	0	0	0	0	0	0	0	0	0	0	0
8	Measles (B05)	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
9	Acute Hepatitis B (B16)	M	0	0	0	0	0	3	3	4	1	0	0	11
		F	0	0	0	0	0	0	1	1	0	2	0	4
		T	0	0	0	0	0	3	4	5	1	2	0	15
10	Other viral hepatitis (B15, B17-B19)	M	0	0	0	1	3	3	0	3	2	1	0	13
		F	0	0	1	3	3	1	1	1	0	0	0	10
		T	0	0	1	4	6	4	1	4	2	1	0	23
11	Human immunodeficiency virus [HIV] disease (B20-B24)	M	0	0	0	0	4	12	18	3	0	0	0	37
		F	0	0	1	0	1	13	4	1	0	0	0	20
		T	0	0	1	0	5	25	22	4	0	0	0	57
12	All other types of viral diseases (A70-A74, A81, A87-A89, A95, B00-B02, B04, B06-B09 & B25-B34)	M	2	1	3	2	3	3	1	3	0	3	0	21
		F	0	1	1	3	1	1	4	0	1	4	0	16
		T	2	2	4	5	4	4	5	3	1	7	0	37
6	Protozoal diseases (B50-B64)	M	0	0	0	0	0	1	1	2	0	1	0	5
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	1	1	2	0	1	0	5
1	Malaria (B50-B54)	M	0	0	0	0	0	1	0	1	0	0	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	1	0	1	0	0	0	2
2	All other types of protozoal diseases (B55-B64)	M	0	0	0	0	0	0	1	1	0	1	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	1	1	0	1	0	3

M/G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL		
			<4		1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.			
			3	4	5	6	7	8	9	10	11	12	13	14	15		
1	2																
1	Malignant neoplasm of oesophagus (C15)	M	0	0	0	0	0	1	3	15	41	16	35	1	112		
F		0	0	0	0	0	1	1	7	9	9	10	0	37			
T		0	0	0	0	0	2	4	22	50	25	45	1	149			
2	Malignant neoplasm of stomach (C16)	M	0	0	0	0	0	3	5	25	67	21	37	0	158		
F		0	0	0	0	0	1	7	18	16	12	19	0	73			
T		0	0	0	0	0	4	12	43	83	33	56	0	231			
3	Malignant neoplasm of small intestine including duodenum (C17)	M	0	0	0	0	0	1	0	2	1	1	2	0	7		
F		0	0	0	0	0	0	1	0	1	1	2	0	5			
T		0	0	0	0	0	1	1	2	2	2	4	0	12			
4	Malignant neoplasm of colon (C18)	M	0	0	0	0	1	2	6	12	25	13	33	0	92		
F		0	0	0	0	0	1	4	12	22	8	19	0	66			
T		0	0	0	0	1	3	10	24	47	21	52	0	158			
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal (C19-C21)	M	0	0	0	0	0	2	2	12	20	12	28	0	76		
F		0	0	0	0	0	0	5	10	12	8	21	0	56			
T		0	0	0	0	0	2	7	22	32	20	49	0	132			
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	0	0	0	0	0	2	7	50	99	61	90	0	309		
F		0	0	0	0	0	0	5	6	15	11	18	0	55			
T		0	0	0	0	0	2	12	56	114	72	108	0	364			
7	Malignant neoplasm of pancreas (C25)	M	0	0	0	0	0	0	6	20	31	9	20	0	86		
F		0	0	0	0	0	0	5	9	23	9	10	0	56			
T		0	0	0	0	0	0	11	29	54	18	30	0	142			
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	0	0	0	0	0	0	0	7	16	9	15	0	47		
F		0	0	0	0	0	0	2	2	8	5	6	0	23			
T		0	0	0	0	0	0	2	9	24	14	21	0	70			
10	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	M	0	0	0	0	0	5	16	92	296	148	178	0	735		
F		0	0	0	0	1	0	16	48	48	17	33	0	163			
T		0	0	0	0	1	5	32	140	344	165	211	0	898			

M.B/ 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	14	21	4	19	0	59
		F	0	0	0	0	0	0	2	2	2	0	0	6
		T	0	0	0	0	0	1	16	23	6	19	0	65
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	0	0	0	0	5	15	76	272	143	158	0	669
		F	0	0	0	1	0	16	46	46	15	32	0	156
		T	0	0	0	1	5	31	122	318	158	190	0	825
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	0	0	0	0	0	0	2	3	1	1	0	7
		F	0	0	0	0	0	0	0	0	0	1	0	1
		T	0	0	0	0	0	0	2	3	1	2	0	8
4	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	M	0	3	0	6	3	4	6	11	5	9	0	47
		F	0	0	3	3	9	56	121	116	38	53	0	399
		T	0	3	3	9	12	60	127	127	43	62	0	446
1	Malignant neoplasm of bone and articular cartilage (C40-C41)	M	0	0	0	5	2	0	1	4	1	4	0	17
		F	0	0	0	1	0	2	0	0	0	1	0	4
		T	0	0	0	6	2	2	1	4	1	5	0	21
2	Malignant melanoma of skin (C43)	M	0	0	0	0	0	0	0	2	0	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	0	0	0	0
3	Other malignant neoplasms of skin (C44)	M	0	0	0	0	0	0	1	0	0	0	0	1
		F	0	0	0	0	0	1	0	1	1	0	0	3
		T	0	0	0	0	0	1	0	1	1	0	0	4
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	M	0	3	0	1	1	4	4	4	2	3	0	22
		F	0	0	3	2	1	1	9	9	2	7	0	34
		T	0	3	3	3	2	5	13	13	4	10	0	56
5	Malignant neoplasm of breast (C50)	M	0	0	0	0	0	0	0	1	2	2	0	5
		F	0	0	0	0	8	52	112	106	35	45	0	358
		T	0	0	0	0	8	52	112	107	37	47	0	363

M.B/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL	
			<4	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	2	0	1	2	5	12	40	39	120	1		222
		F	0	0	1	1	5	16	67	70	26	54	0		240
		T	0	2	1	2	7	21	79	110	65	174	1		462
1	Malignant neoplasm of cervix uteri (C53)	F	0	0	0	0	0	2	18	14	12	14	0		60
		T	0	0	0	0	0	2	18	14	12	14	0		60
2	Malignant neoplasm of other and unspecified parts of uterus (C54-C55)	F	0	0	0	0	1	1	9	24	2	11	0		48
		T	0	0	0	0	1	1	9	24	2	11	0		48
3	Malignant neoplasm of ovary (C56)	F	0	0	0	0	4	13	35	30	12	27	0		121
		T	0	0	0	0	4	13	35	30	12	27	0		121
4	Malignant neoplasm of placenta (C58)	F	0	0	0	0	1	0	1	0	0	0	0		2
		T	0	0	0	0	1	0	1	0	0	0	0		2
5	Other malignant neoplasms of female genital organs (C51-C52, C57)	F	0	0	0	0	0	0	1	1	0	0	0		2
		T	0	0	0	0	0	0	1	1	0	0	0		2
6	Malignant neoplasm of prostate (C61)	M	0	0	0	0	0	2	4	14	21	78	1		120
		T	0	0	0	0	0	2	4	14	21	78	1		120
7	Other malignant neoplasms of male genital organs (C60, C62-C63)	M	0	0	0	0	1	2	1	0	1	0	0		5
		T	0	0	0	0	1	2	1	0	1	0	0		5
8	Malignant neoplasm of bladder (C67)	M	0	0	0	0	0	1	5	14	13	22	0		55
		F	0	0	0	0	0	0	1	0	0	1	0		2
		T	0	0	0	0	0	1	6	14	13	23	0		57
9	Other malignant neoplasms of urinary tract (C64-C66, C68)	M	0	2	0	0	0	1	3	11	5	20	0		42
		F	0	0	1	0	0	0	2	1	0	1	0		5
		T	0	2	1	0	0	1	5	12	5	21	0		47
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	M	0	1	3	3	4	10	15	7	6	7	1		57
		F	0	3	7	4	2	8	7	10	2	4	0		47
		T	0	4	10	7	6	18	22	17	8	11	1		104

M.B/ 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									
1	2	3	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		
1	Malignant neoplasm of eye & adnexa (C69)	M	0	0	0	0	0	0	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	0	0	0	0	0	0		
		T	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	0	0	3	3	3	4	10	15	7	6	7	7	1	1	1	1	1	1	56		
		F	0	3	7	7	4	2	8	7	10	2	4	4	0	0	0	0	0	0	47		
		T	0	3	10	7	6	6	18	22	17	8	11	1	1	1	1	1	1	1	103		
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	0	3	3	3	3	3	12	27	55	23	50	0	0	0	0	0	0	0	179		
		F	0	5	3	3	4	7	18	39	43	17	23	0	0	0	0	0	0	0	159		
		T	0	8	6	6	7	10	30	66	98	40	73	0	0	0	0	0	0	0	338		
1	Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites (C73-C80 & C97)	M	0	3	3	3	3	3	12	27	55	23	50	0	0	0	0	0	0	0	179		
		F	0	5	3	3	4	7	18	39	43	17	23	0	0	0	0	0	0	0	159		
		T	0	8	6	6	7	10	30	66	98	40	73	0	0	0	0	0	0	0	338		
15	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	1	16	28	28	36	31	53	103	120	50	78	1	1	1	1	1	1	1	517		
		F	2	10	19	19	24	24	43	65	76	33	56	0	0	0	0	0	0	0	352		
		T	3	26	47	47	60	55	96	168	196	83	134	1	1	1	1	1	1	1	869		
1	Hodgkin's disease (C81)	M	0	0	1	1	3	3	3	3	9	1	3	0	0	0	0	0	0	0	26		
		F	0	0	0	0	3	2	2	2	3	0	2	0	0	0	0	0	0	0	14		
		T	0	0	1	1	6	5	5	5	12	1	5	0	0	0	0	0	0	0	40		
2	Non-Hodgkin's lymphoma (C82-C85)	M	0	0	4	4	3	1	11	37	40	16	28	0	0	0	0	0	0	0	140		
		F	0	0	2	2	4	1	9	12	30	9	17	0	0	0	0	0	0	0	84		
		T	0	0	6	6	7	2	20	49	70	25	45	0	0	0	0	0	0	0	224		
3	Multiple myeloma and malignant plasma cell neoplasms (C90)	M	0	0	0	0	0	0	5	12	26	14	29	0	0	0	0	0	0	0	86		
		F	0	0	0	0	0	0	3	13	15	7	13	0	0	0	0	0	0	0	51		
		T	0	0	0	0	0	0	8	25	41	21	42	0	0	0	0	0	0	0	137		
4	Leukaemia (C91-C95)	M	1	16	23	23	30	27	32	50	43	17	16	1	1	1	1	1	1	1	256		
		F	2	10	17	17	17	21	29	38	28	17	24	0	0	0	0	0	0	0	203		
		T	3	26	40	40	47	48	61	88	71	34	40	1	1	1	1	1	1	1	459		

M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<4	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	
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	M	0	0	0	0	0	2	1	2	2	0	0	0	9
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	2	1	2	2	2	2	0	9
16	Carcinoma in situ (D00-D09)	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	Carcinoma in situ (D00-D09)	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
17	Benign neoplasms (D10-D36)	M	0	0	1	1	3	4	3	8	3	10	0	0	33
		F	0	0	0	2	3	4	7	9	3	13	0	0	41
		T	0	0	1	3	6	8	10	17	6	23	0	0	74
1	Leiomyoma of uterus (D25)	F	0	0	0	0	0	1	0	0	0	1	0	0	2
		T	0	0	0	0	0	1	0	0	0	1	0	0	2
2	All other benign neoplasms (D10-D24 & D26-D36)	M	0	0	1	1	3	4	3	8	3	10	0	0	33
		F	0	0	0	2	3	3	7	9	3	12	0	0	39
		T	0	0	1	3	6	7	10	17	6	22	0	0	72
18	Other and unspecified neoplasm (D37-D48)	M	0	0	4	0	2	3	2	1	3	9	0	0	24
		F	0	0	0	1	2	3	3	2	2	2	0	0	15
		T	0	0	4	1	4	6	5	3	5	11	0	0	39
1	Other and unspecified neoplasm (D37-D48)	M	0	0	4	0	2	3	2	1	3	9	0	0	24
		F	0	0	0	1	2	3	3	2	2	2	0	0	15
		T	0	0	4	1	4	6	5	3	5	11	0	0	39
III.	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	M	11	2	3	6	9	16	21	35	5	40	0	0	148
		F	5	6	7	10	10	13	22	22	14	62	0	0	171
		T	16	8	10	16	19	29	43	57	19	102	0	0	319

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	M	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	Other protein-energy malnutrition (E42-E46)	M	0	1	1	1	0	0	0	1	0	0	0	0	0	3
		F	0	0	0	0	0	0	0	0	0	0	4	0	4	
		T	0	1	1	1	0	0	0	1	0	0	4	0	7	
21	Endocrine, other nutritional and metabolic diseases (E00-E34 & E50-E89)	M	9	4	1	1	7	21	58	204	455	305	663	0	1727	
		F	7	7	5	7	7	8	40	170	356	234	652	0	1486	
		T	16	11	6	14	14	29	98	374	811	539	1315	0	3213	
1	Disorders of thyroid gland (F00-F07)	M	0	0	0	0	0	0	0	1	0	0	1	0	2	
		F	0	1	1	1	0	0	2	2	3	0	2	0	11	
		T	0	1	1	1	0	0	2	3	3	0	3	0	13	
2	Diabetes mellitus (E10-E14)	M	0	0	0	0	5	13	51	189	436	285	593	0	1572	
		F	0	1	1	1	3	8	32	157	329	218	540	0	1289	
		T	0	1	1	1	8	21	83	346	765	503	1133	0	2861	
3	All other nutritional deficiencies (E50-E64)	M	0	0	0	0	0	1	1	1	0	0	0	0	3	
		F	0	0	0	0	0	0	0	1	0	0	2	0	3	
		T	0	0	0	0	0	1	1	2	0	0	2	0	6	
4	All other endocrine and metabolic diseases (E15-E34 & E65-E89)	M	9	4	1	1	2	7	6	13	19	20	69	0	150	
		F	7	5	3	3	4	0	6	10	24	16	108	0	183	
		T	16	9	4	4	6	7	12	23	43	36	177	0	333	
V.	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	0	0	0	0	0	1	4	5	3	1	1	0	15	
		F	0	0	0	0	0	0	0	0	0	0	3	0	3	
		T	0	0	0	0	0	1	4	5	3	1	4	0	18	
22	Mental and behavioural disorders (F01-F99)	M	0	0	0	0	0	1	4	5	3	1	1	0	15	
		F	0	0	0	0	0	0	0	0	0	0	3	0	3	
		T	0	0	0	0	0	1	4	5	3	1	4	0	18	
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	0	0	0	0	0	1	0	5	1	0	0	0	7	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	1	0	5	1	0	0	0	7	

M.S/ 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	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	All other mental and behavioural disorders (F01-F09, F30-F99)	M	0	0	0	0	0	4	0	2	1	1	0	8
		F	0	0	0	0	0	0	0	0	0	3	0	3
		T	0	0	0	0	0	4	0	2	1	4	0	11
VI.	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	M	8	15	13	18	14	20	41	42	31	96	0	298
		F	8	3	16	9	12	9	20	38	22	69	0	206
		T	16	18	29	27	26	29	61	80	53	165	0	504
23	Inflammatory diseases of the central nervous system (G00-G09)	M	3	3	4	5	5	8	18	9	4	8	0	67
		F	4	1	5	3	3	5	5	8	7	10	0	51
		T	7	4	9	8	8	13	23	17	11	18	0	118
1	Meningitis (G00 & G03)	M	3	1	2	3	2	4	6	4	0	2	0	27
		F	4	1	2	1	0	0	2	3	3	2	0	18
		T	7	2	4	4	2	4	8	7	3	4	0	45
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	0	1	2	2	2	3	9	4	0	5	0	28
		F	0	0	3	2	2	3	3	1	4	7	0	25
		T	0	1	5	4	4	6	12	5	4	12	0	53
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	0	1	0	0	1	1	3	1	4	1	0	12
		F	0	0	0	0	1	2	0	4	0	1	0	8
		T	0	1	0	0	2	3	3	5	4	2	0	20
24	Other diseases of the nervous system (G10-G98)	M	5	12	9	13	9	12	23	33	27	88	0	231
		F	4	2	11	6	9	4	15	30	15	59	0	155
		T	9	14	20	19	18	16	38	63	42	147	0	386
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	5	0	5
		T	0	0	0	0	0	0	0	0	2	5	0	7

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	Epilepsy (G40-G41)	M	2	4	2	1	1	2	1	2	2	2	2	0	19	
		F	0	0	3	2	1	1	2	3	1	3	3	0	16	
		T	2	4	5	3	2	3	3	5	3	5	5	0	35	
3	All other diseases of the nervous system (G10-G25, G31, G35-G37, G43-G98)	M	3	8	7	12	8	10	22	31	23	86	0	210		
		F	4	2	8	4	8	3	13	27	14	51	0	134		
		T	7	10	15	16	16	13	35	58	37	137	0	344		
VII.	DISEASES OF THE EYE AND ADNEXA (H00-H59)	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	
25	Disease of the eye and adnexa (H00-H59)	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	
1	Disease of the eye and adnexa (H00-H59)	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	
VIII.	DISEASES OF THE EAR AND MASTOID PROCESS (H60-H95)	M	0	0	0	0	0	0	0	0	0	2	0	2	2	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	2	0	2	2	
26	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	0	0	0	2	0	2	2	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	2	0	2	2	
1	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	0	0	0	2	0	2	2	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	
		T	0	0	0	0	0	0	0	0	0	2	0	2	2	
IX.	DISEASES OF THE CIRCULATORY SYSTEM (I00-I99)	M	0	3	10	32	65	158	559	1075	842	1920	3	4667		
		F	0	2	3	16	32	84	275	550	527	1854	0	3343		
		T	0	5	13	48	97	242	834	1625	1369	3774	3	8010		

M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL	
			<4	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	0	4	6	8	10	7	11	0	47		
F		0	0	0	0	4	10	15	26	12	17	0	84			
T		0	0	1	0	8	16	23	36	19	28	0	131			
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			
T		0	0	0	0	0	0	0	0	0	0	0	0			
2	Chronic rheumatic heart diseases (105-109)	M	0	0	1	0	4	6	8	10	7	11	0	47		
F		0	0	0	0	4	10	15	26	12	17	0	84			
T		0	0	1	0	8	16	23	36	19	28	0	131			
28	Hypertensive diseases (110-115)	M	0	0	0	0	2	4	35	100	76	189	0	406		
F		0	0	0	0	1	2	14	46	61	197	0	321			
T		0	0	0	0	3	6	49	146	137	386	0	727			
1	Hypertensive heart disease (111)	M	0	0	0	0	0	0	19	67	48	124	0	258		
F		0	0	0	0	0	0	6	32	43	137	0	218			
T		0	0	0	0	0	0	25	99	91	261	0	476			
2	All other hypertensive diseases (110, 112-115)	M	0	0	0	0	2	4	16	33	28	65	0	148		
F		0	0	0	0	1	2	8	14	18	60	0	103			
T		0	0	0	0	3	6	24	47	46	125	0	251			
29	Ischaemic heart diseases (120-125)	M	0	0	0	3	19	37	223	475	367	795	0	1919		
F		0	0	0	0	0	13	71	204	192	700	0	1180			
T		0	0	0	3	19	50	294	679	559	1495	0	3099			
1	Acute myocardial infarction (121-122)	M	0	0	0	2	4	12	55	116	87	174	0	450		
F		0	0	0	0	0	4	23	49	45	170	0	291			
T		0	0	0	2	4	16	78	165	132	344	0	741			
2	All other ischaemic heart diseases (120 & 123-125)	M	0	0	0	1	15	25	168	359	280	621	0	1469		
F		0	0	0	0	0	9	48	155	147	530	0	889			
T		0	0	0	1	15	34	216	514	427	1151	0	2358			

M.G/ CAT/ S.E	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 (I26-I51)	M	0	1	6	14	11	37	65	100	72	188	2	496	
		F	0	2	2	9	10	26	53	67	65	211	0	445	
		T	0	3	8	23	21	63	118	167	137	399	2	941	
1	Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	M	0	0	0	2	1	8	13	13	4	9	1	51	
		F	0	0	0	4	4	15	19	13	8	28	0	91	
		T	0	0	0	6	5	23	32	26	12	37	1	142	
2	Other forms of heart diseases (I30-I51)	M	0	1	6	12	10	29	52	87	68	179	1	445	
		F	0	2	2	5	6	11	34	54	57	183	0	354	
		T	0	3	8	17	16	40	86	141	125	362	1	799	
31	Cerebrovascular diseases (I60-I69)	M	0	0	3	14	25	69	207	355	295	694	1	1663	
		F	0	0	1	5	13	30	111	192	193	697	0	1242	
		T	0	0	4	19	38	99	318	547	488	1391	1	2905	
1	Cerebrovascular diseases (I60-I69)	M	0	0	3	14	25	69	207	355	295	694	1	1663	
		F	0	0	1	5	13	30	111	192	193	697	0	1242	
		T	0	0	4	19	38	99	318	547	488	1391	1	2905	
32	Other diseases of the circulatory system (I70-I99)	M	0	2	0	1	4	5	21	35	25	43	0	136	
		F	0	0	0	2	4	3	11	15	4	32	0	71	
		T	0	2	0	3	8	8	32	50	29	75	0	207	
1	Atherosclerosis (I70)	M	0	0	0	0	0	0	0	0	1	0	0	1	
		F	0	0	0	0	0	0	0	0	1	1	0	2	
		T	0	0	0	0	0	0	0	0	2	1	0	3	
2	Arterial embolism and thrombosis (I74)	M	0	0	0	0	1	1	1	0	1	0	0	4	
		F	0	0	0	0	1	1	0	2	0	2	0	6	
		T	0	0	0	0	2	2	1	2	1	2	0	10	
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-I78)	M	0	2	0	1	2	3	16	32	21	33	0	110	
		F	0	0	0	2	2	1	9	8	2	16	0	40	
		T	0	2	0	3	4	4	25	40	23	49	0	150	

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 (I80-I82)	M	0	0	0	0	0	1	2	0	0	0	4	0	7
F		0	0	0	0	1	1	1	1	1	0	8	0	12	
T		0	0	0	0	1	2	3	1	0	0	12	0	19	
5	All other diseases of the circulatory system (I83-I99)	M	0	0	0	0	1	0	2	3	2	6	0	14	
F		0	0	0	0	0	0	1	4	1	1	5	0	11	
T		0	0	0	0	1	0	3	7	3	11	0	25		
X	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	10	13	12	17	26	43	154	411	343	952	1	1982	
F		10	8	11	12	26	34	88	161	144	514	0	1008		
T		20	21	23	29	52	77	242	572	487	1466	1	2990		
33	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	M	0	0	0	0	0	0	1	1	0	0	0	2	
F		0	0	0	0	0	0	0	1	1	0	0	0	1	
T		0	0	0	0	0	0	1	2	0	0	0	3		
1	Acute pharyngitis and acute tonsillitis (J02-J03)	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	
2	Acute laryngitis and tracheitis (J04)	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	
3	Other acute upper respiratory infections (J00-J01 & J05-J06)	M	0	0	0	0	0	0	1	0	0	0	0	1	1
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	All other diseases of upper respiratory tract (J30-J39)	M	0	0	0	0	0	0	0	1	0	0	0	0	1
F		0	0	0	0	0	0	0	0	1	0	0	0	1	
T		0	0	0	0	0	0	0	0	0	1	0	0	1	
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	2	2	3	2	8	25	89	312	283	771	1	1498	
F		0	0	0	4	9	13	47	105	95	351	0	624		
T		2	2	3	6	17	38	136	417	378	1122	1	2122		

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.										
			3	4	5	6	7	8	9	10	11	12	13	14	15									
1	2																							
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	
T		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
2	Bronchitis, chronic and unspecified, emphysema (J40-J43)	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	0	4
F		0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	2	0	0	0	5	
T		0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	0	4	0	0	0	9	
3	Asthma (J45-J46)	M	0	1	1	1	0	1	0	1	0	2	8	11	14	0	0	11	14	0	0	0	0	38
F		0	0	0	0	1	1	5	6	14	11	39	0	77										
T		0	1	1	1	1	2	5	8	22	22	53	0	115										
4	Other lower respiratory disorders (J22, J44 & J47)	M	2	1	2	2	2	7	25	87	302	272	754	1	1455									
F		0	0	0	0	3	8	8	41	90	82	308	0	540										
T		2	1	2	2	5	15	33	128	392	354	1062	1	1995										
35	Other diseases of the respiratory system (J10-J18, J60-J98)	M	8	11	9	15	18	18	18	64	98	60	181	0	482									
F		10	8	11	8	17	21	41	55	49	163	0	383											
T		18	19	20	23	35	39	105	153	109	344	0	865											
1	Influenza (J10-J11)	M	0	1	0	0	0	0	1	2	0	0	1	0	5					1	0	0	0	9
F		0	1	0	1	2	2	2	0	0	1	0	0	0	9					0	0	0	0	
T		0	2	0	1	2	2	3	4	0	1	1	1	0	14					1	0	0	0	
2	Pneumonia (J12-J18)	M	7	8	8	8	8	8	11	19	43	28	87	0	227									
F		10	6	8	1	8	7	23	19	25	70	0	177											
T		17	14	16	9	16	18	42	62	53	157	0	404											
3	Pleurisy (J90)	M	0	0	0	0	1	2	1	4	3	4	2	0	17					2	0	0	0	17
F		0	0	0	0	0	2	0	0	6	1	6	0	15						6	0	0	0	
T		0	0	0	0	1	4	1	4	9	5	8	0	32						8	0	0	0	
4	All other diseases of the respiratory system (J60-J86, J92-J98.)	M	1	2	1	1	6	8	5	39	52	28	91	0	233									
F		0	1	3	6	5	12	16	30	22	87	0	182											
T		1	3	4	12	13	17	55	82	50	178	0	415											

M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<4		1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
			3	4	5	6	7	8	9	10	11	12	13	14	
1	2	M	2	0	0	6	17	38	190	418	476	207	283	2	15
XI.	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	F	1	3	3	3	12	16	29	61	95	101	179	0	1639
		T	3	3	3	9	29	54	219	479	571	308	462	2	500
		M	0	0	0	0	0	0	0	1	1	0	0	0	2139
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	F	0	0	0	0	0	0	1	2	0	1	0	0	2
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	T	0	0	0	0	0	0	1	3	1	1	0	0	4
		M	0	0	0	0	0	0	0	1	1	0	0	0	6
		F	0	0	0	0	0	0	1	2	0	1	0	0	2
37	Diseases of the other parts of digestive system (K20-K92)	T	0	0	0	0	0	0	1	3	1	1	0	0	4
		M	2	0	0	6	17	38	190	417	475	207	283	2	6
		F	1	3	3	3	12	16	28	59	95	100	179	0	1637
1	Gastric and duodenal ulcer (K25-K27)	T	3	3	3	9	29	54	218	476	570	307	462	2	496
		M	0	0	0	0	0	0	0	0	0	2	5	0	2133
		F	0	0	0	0	0	0	0	0	0	3	1	0	7
2	Gastritis and duodenitis (K29)	T	0	0	0	0	0	0	0	0	0	5	6	0	4
		M	0	0	0	0	0	0	0	0	2	1	0	0	11
		F	0	0	0	0	0	0	0	0	2	1	0	0	3
3	Diseases of appendix (K35-K38)	T	0	0	0	0	0	0	0	0	0	0	1	0	1
		M	0	0	0	1	0	0	0	1	0	1	1	0	4
		F	0	0	0	0	0	0	0	0	0	0	2	0	4
4	Hernia (K40-K46)	T	0	0	0	1	0	0	0	0	0	0	1	0	1
		M	0	0	0	0	0	1	2	0	0	0	3	0	5
		F	0	1	0	0	0	0	0	0	2	0	4	0	6
5	Paralytic ileus and intestinal obstruction without hernia (K56)	T	0	1	0	0	0	1	2	0	2	0	7	0	7
		M	0	0	0	0	0	0	2	3	6	7	13	0	13
		F	0	0	0	0	0	0	0	2	2	2	11	0	31
		T	0	0	0	0	0	0	2	5	8	9	24	0	17
		M	0	0	0	0	0	0	2	5	8	9	24	0	48
		F	0	0	0	0	0	0	2	5	8	9	24	0	48

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.	
			3	4	5	6	7	8	9	10	11	12	13	14	
1	2														15
6	Peritonitis (K65)	M	0	0	0	0	0	1	0	2	9	3	4	0	19
		F	0	0	0	0	0	1	1	1	3	2	0	8	
		T	0	0	0	0	1	1	3	10	6	6	0	27	
7	Diseases of the liver (K70-K76)	M	0	0	4	9	25	160	371	404	163	195	1	1332	
		F	0	0	3	11	10	23	47	73	73	105	0	345	
		T	0	0	7	20	35	183	418	477	236	300	1	1677	
8	Cholelithiasis and cholecystitis (K80-K81)	M	0	0	0	0	0	0	2	1	2	5	0	10	
		F	0	0	0	0	1	1	0	3	2	1	0	8	
		T	0	0	0	0	1	1	2	4	4	6	0	18	
9	Disorders of the pancreas	M	0	0	1	3	6	8	10	14	6	6	0	54	
		F	0	0	0	1	2	1	5	3	2	3	0	17	
		T	0	0	1	4	8	9	15	17	8	9	0	71	
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	2	0	0	5	5	18	28	39	23	50	1	171	
		F	1	2	0	0	3	2	4	11	15	50	0	88	
		T	3	2	0	5	8	20	32	50	38	100	1	259	
XII.	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (L00-L98)	M	0	0	0	2	2	4	2	9	5	15	1	40	
		F	0	0	0	1	1	3	3	6	2	17	0	33	
		T	0	0	0	3	3	7	5	15	7	32	1	73	
38	Diseases of the skin and subcutaneous tissue (L00-L98)	M	0	0	0	2	2	4	2	9	5	15	1	40	
		F	0	0	0	1	1	3	3	6	2	17	0	33	
		T	0	0	0	3	3	7	5	15	7	32	1	73	
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	0	0	0	2	1	4	1	5	4	11	1	29	
		F	0	0	0	0	0	0	1	4	2	12	0	19	
		T	0	0	0	2	1	4	2	9	6	23	1	48	
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	0	0	0	0	1	0	1	4	1	4	0	11	
		F	0	0	0	1	1	3	2	2	0	5	0	14	
		T	0	0	0	1	2	3	3	6	1	9	0	25	

M.B/ 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.	
			3	4	5	6	7	8	9	10	11	12	13	14	15	16		17	18	19	20	21	22	23	24
1	2																								
XIII.	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)		M	1	1	2	1	2	1	2	2	6	8	7	4	16	0	48							
			F	0	1	2	4	5	8	8	5	8	6	6	22	0	62								
			T	1	2	4	5	7	14	16	7	14	13	10	38	0	110								
39	Diseases of the musculoskeletal system and connective tissue (M00-M99)		M	1	1	2	1	2	1	2	2	6	8	7	4	16	0	48							
			F	0	1	2	4	5	8	8	5	8	6	6	22	0	62								
			T	1	2	4	5	7	14	16	7	14	13	10	38	0	110								
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)		M	0	1	2	0	0	1	1	0	0	1	0	0	0	0	5							
			F	0	1	1	1	1	0	0	1	0	1	1	2	0	9								
			T	0	2	3	1	1	1	1	1	1	1	1	2	0	14								
2	Osteomyelitis (M86)		M	0	0	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	0	0								
			T	0	0	0	0	0	0	0	0	0	0	1	0	0	1								
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02, M15-M85, M87-M99)		M	1	0	0	1	2	5	7	6	4	16	0	42										
			F	0	0	1	3	4	8	5	4	20	0	53											
			T	1	0	1	4	6	13	15	11	8	36	0	95										
XIV.	DISEASES OF THE GENITOURINARY SYSTEM (N00- N99)		M	2	0	11	8	30	53	178	340	219	523	1	1365										
			F	2	0	4	11	16	40	76	179	135	339	0	802										
			T	4	0	15	19	46	93	254	519	354	862	1	2167										
40	Diseases of urinary system (N00-N39)		M	2	0	11	8	30	52	177	339	217	514	1	1351										
			F	2	0	4	11	16	40	76	179	135	338	0	801										
			T	4	0	15	19	46	92	253	518	352	852	1	2152										
1	Glomerular diseases (including Nephritic Syndndrome) (N00- N07)		M	2	0	7	4	15	17	41	82	39	96	0	303										
			F	2	0	4	7	8	10	13	27	25	55	0	151										
			T	4	0	11	11	23	27	54	109	64	151	0	454										
2	Renal tubulo-interstitial diseases (N10-N15)		M	0	0	0	0	0	0	2	3	0	1	0	6										
			F	0	0	0	0	0	0	2	3	1	0	0	6										
			T	0	0	0	0	0	0	4	6	1	1	0	12										

M.B/ CAT/ S.E	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	3	4	13	28	117	222	158	372	1	918	
		F	0	0	0	4	7	21	50	126	96	220	0	524	
		T	0	0	3	8	20	49	167	348	254	592	1	1442	
4	Urolithiasis (N20-N23)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	1	0	0	0	1	0	2
		T	0	0	0	0	0	0	1	0	0	0	1	0	2
5	Other disorders of kidney and ureter (N25-N28)	M	0	0	0	0	1	6	16	19	11	21	0	74	
		F	0	0	0	0	1	8	6	13	7	14	0	49	
		T	0	0	0	0	2	14	22	32	18	35	0	123	
6	All other diseases of urinary system (N30-N39)	M	0	0	1	0	1	1	1	13	9	24	0	50	
		F	0	0	0	0	0	1	4	10	6	48	0	69	
		T	0	0	1	0	1	2	5	23	15	72	0	119	
41	Other diseases of the genitourinary system (N40-N99)	M	0	0	0	0	0	1	1	1	2	9	0	14	
		F	0	0	0	0	0	0	0	0	0	1	0	1	
		T	0	0	0	0	0	1	1	1	2	10	0	15	
1	Hyperplasia of prostate (N40)	M	0	0	0	0	0	0	1	1	0	5	0	7	
		T	0	0	0	0	0	0	1	0	1	5	0	7	
2	All other diseases of male genital organs (N41-N50)	M	0	0	0	0	0	1	0	1	1	4	0	7	
		T	0	0	0	0	0	1	0	1	1	4	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	0	0	0	0	0	1	0	1
		T	0	0	0	0	0	0	0	0	0	0	1	0	1
W.	PREGNANCY, CHILD BIRTH AND THE PUERPERIUM (O00-O99)	F	0	0	0	7	15	2	0	0	0	0	0	24	
		T	0	0	0	7	15	2	0	0	0	0	0	24	
42	Pregnancy with abortive outcome (O00-O08)	F	0	0	0	0	1	0	0	0	0	0	0	1	
		T	0	0	0	0	1	0	0	0	0	0	0	1	

[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.		
			3	4	5	6	7	8	9	10	11	12	13	14	
1	2														15
45	Certain conditions originating in the perinatal period (P00-P96)	M	484	0	0	0	0	0	0	0	0	0	0	0	484
		F	369	0	0	0	0	0	0	0	0	0	0	0	369
		T	853	0	0	0	0	0	0	0	0	0	0	0	853
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	175	0	0	0	0	0	0	0	0	0	0	0	175
		F	165	0	0	0	0	0	0	0	0	0	0	0	165
		T	340	0	0	0	0	0	0	0	0	0	0	0	340
2	Birth trauma (P10-P15)	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
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	143	0	0	0	0	0	0	0	0	0	0	0	143
		F	70	0	0	0	0	0	0	0	0	0	0	0	70
		T	213	0	0	0	0	0	0	0	0	0	0	0	213
4	Haemolytic disease of fetus and new-born (P55)	M	1	0	0	0	0	0	0	0	0	0	0	0	1
		F	1	0	0	0	0	0	0	0	0	0	0	0	1
		T	2	0	0	0	0	0	0	0	0	0	0	0	2
5	Other perinatal jaundice (P58-P59)	M	14	0	0	0	0	0	0	0	0	0	0	0	14
		F	7	0	0	0	0	0	0	0	0	0	0	0	7
		T	21	0	0	0	0	0	0	0	0	0	0	0	21
6	All other conditions originating in the perinatal period (P00-P04, P08, P29-P54, P56-P57, P60-P96.)	M	151	0	0	0	0	0	0	0	0	0	0	0	151
		F	126	0	0	0	0	0	0	0	0	0	0	0	126
		T	277	0	0	0	0	0	0	0	0	0	0	0	277
XVII.	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES (Q00-Q99)	M	242	22	15	8	6	3	7	2	1	0	0	0	306
		F	212	24	11	7	9	1	3	3	0	0	0	0	270
		T	454	46	26	15	15	4	10	5	1	0	0	0	576
46	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	M	242	22	15	8	6	3	7	2	1	0	0	0	306
		F	212	24	11	7	9	1	3	3	0	0	0	0	270
		T	454	46	26	15	15	4	10	5	1	0	0	0	576

[illegible]

M.B./ CAT./ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL		
			<1		1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.			
			3	4	5	6	7	8	9	10	11	12	13	14		15	
1	2																
4	Fever of unknown origin (R50)	M	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
		F	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
		T	0	0	0	0	0	1	0	0	3	0	0	0	0	0	4
5	Senility (R54)	M	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7
		F	0	0	0	0	0	0	0	0	0	0	0	13	0	13	
		T	0	0	0	0	0	0	0	0	0	0	20	0	0	20	
6	Syncope and collapse (R55)	M	0	0	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	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Convulsions, not elsewhere classified (R56)	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
		T	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
8	Shock, not elsewhere classified (R57)	M	0	0	0	0	0	1	1	2	2	2	4	0	0	12	12
		F	0	0	0	0	0	0	1	0	3	4	1	0	0	9	9
		T	0	0	0	0	0	1	2	2	5	6	5	0	0	21	21
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	14	15	43	62	81	118	120	64	81	0	0	603	603	603
		F	5	5	8	20	22	24	34	49	34	70	0	0	271	271	271
		T	10	19	23	63	84	105	152	169	98	151	0	0	874	874	874
XI.	INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES (S00-T98)	M	1	12	20	100	100	121	139	141	67	86	0	0	787	787	787
		F	3	8	8	46	37	45	41	49	32	58	0	0	327	327	327
		T	4	20	28	146	137	166	180	190	99	144	0	0	1114	1114	1114
48	Fractures (S02, S12, S22, S32, S42, S52, S62, S72, S82, S92; T02, T08, T10 & T12)	M	0	0	1	12	13	13	14	15	3	4	0	0	75	75	75
		F	0	0	1	0	1	1	3	2	1	5	0	0	14	14	14
		T	0	0	2	12	14	14	17	17	4	9	0	0	89	89	89
I	Fracture of skull and facial bones (S02)	M	0	0	0	11	10	7	6	12	2	4	0	0	52	52	52
		F	0	0	1	0	1	0	3	1	1	0	0	0	7	7	7
		T	0	0	1	11	11	7	9	13	3	4	0	0	59	59	59

M.B/ 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			3	4	5	6	7	8	9	10	11	12	13	14	15	16		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
2	Fracture of neck, thorax or pelvis (S12, S22, S32 & T08)	M	0	0	0	0	0	1	3	0	0	0	0	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

M.B/ 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	3	1	4	10	12	11	7	4	8	0	60	
		F	2	3	2	21	17	16	9	11	11	21	0	113	
		T	2	6	3	25	27	28	20	18	15	29	0	173	
55	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	0	1	1	8	7	15	15	32	6	10	0	95	
		F	0	2	0	11	11	6	10	13	4	6	0	63	
		T	0	3	1	19	18	21	25	45	10	16	0	158	
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35, T66-T79)	M	0	0	4	4	5	7	3	2	3	3	0	31	
		F	0	0	0	3	3	4	1	2	0	1	0	14	
		T	0	0	4	7	8	11	4	4	3	4	0	45	
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	0	0	2	2	6	2	6	2	1	2	0	23	
		F	1	1	2	0	3	2	3	2	2	3	0	19	
		T	1	1	4	2	9	4	9	4	3	5	0	42	
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	0	0	0	0	0	3	0	3	2	1	0	9	
		F	0	0	0	0	0	2	1	0	1	0	0	4	
		T	0	0	0	0	0	5	1	3	3	1	0	13	
XX	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (V01-Y89)	M	1	12	19	104	100	117	144	144	68	93	0	802	
		F	0	8	12	44	35	50	42	48	35	62	0	336	
		T	1	20	31	148	135	167	186	192	103	155	0	1138	
E48	Transport accidents (V01-V99)	M	1	9	8	81	64	75	101	88	48	59	0	534	
		F	0	2	7	8	3	20	20	18	13	19	0	110	
		T	1	11	15	89	67	95	121	106	61	78	0	644	
1	Railway accidents (V05, V15, V80.6, V81, V82.2, V87.6 & V88.6)	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	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-V50.6)	M	1	9	8	81	64	75	100	86	48	59	0	531	
		F	0	2	7	8	3	20	20	18	13	19	0	110	
		T	1	11	15	89	67	95	120	104	61	78	0	641	

M.B/ 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	0	1	2	0	0	0	0	3	
F		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
T		0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
4	Water transport accidents (V90-V94)	M	0	0	0	0	0	0	0	0	0	0	0	0	3	
F		0	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	0	0
5	Air & Space transport accidents (V95-V97)	M	0	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	0	0
T		0	0	0	0	0	0	0	0	0	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-	M	0	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	0	0
T		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	Accidental Falls (W00-W19)	M	0	0	0	0	3	6	7	10	3	8	0	37		
F		0	0	0	0	0	0	0	3	1	9	0	13			
T		0	0	0	0	3	6	7	13	4	17	0	50			
E50	Accidental drowning and submersion (W65-W74)	M	0	0	5	3	0	0	0	0	0	1	0	9		
F		0	0	0	0	0	0	0	1	0	0	0	1			
T		0	0	5	3	0	0	0	0	1	0	0	0	1		
E51	Exposure to smoke, fire and flames (X00-X09)	M	0	3	1	4	9	12	11	7	4	8	0	59		
F		0	3	2	20	17	16	8	10	11	20	0	107			
T		0	6	3	24	26	28	19	17	15	28	0	166			
E52	Accidental poisoning by and exposure to noxious substances (X40-X49)	M	0	0	0	0	0	2	0	0	0	0	0	2		
F		0	0	1	0	1	0	0	0	0	0	0	2			
T		0	0	1	0	1	2	0	0	0	0	0	4			
E53	Intentional self-harm (Suicide- attempted) (X60-X84)	M	0	0	0	9	11	14	9	15	4	7	0	69		
F		0	0	0	10	8	7	7	10	3	3	0	48			
T		0	0	0	19	19	21	16	25	7	10	0	117			

M.B/ CAT/ SC	CAUSE OF DEATH	SEX	AGE GROUPS												TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	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	1	0	0	0	0	1	0	0	0	2
		F	0	0	0	0	0	0	1	0	0	0	1	0	2
		T	0	0	0	1	0	0	1	1	0	0	1	0	4
E55	Other Violence (Y10-Y36)	M	0	0	1	2	0	3	6	16	2	4	0	34	
		F	0	0	0	1	1	0	1	1	0	2	0	6	
		T	0	0	1	3	1	3	7	17	2	6	0	40	
1	Event of undetermined intent (Y10-Y34)	M	0	0	1	2	0	3	6	16	2	4	0	34	
		F	0	0	0	1	1	0	1	1	0	2	0	6	
		T	0	0	1	3	1	3	7	17	2	6	0	40	
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	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
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	
		T	0	0	0	0	0	0	0	0	0	0	0	0	
E56	Complications of medical and surgical care (Y40-Y84)	M	0	0	2	2	6	2	6	2	2	1	0	23	
		F	0	1	2	1	5	2	4	2	2	4	0	23	
		T	0	1	4	3	11	4	10	4	4	5	0	46	
1	Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	1	0	1	0	0	0	0	2	
		T	0	0	0	0	1	0	1	0	0	0	0	2	
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	2	2	6	2	6	2	2	1	0	23	
		F	0	1	2	1	4	2	3	2	2	4	0	21	
		T	0	1	4	3	10	4	9	4	4	5	0	44	
E57	Other external causes of accidental injury, not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	M	0	0	2	2	7	3	4	5	4	5	0	32	
		F	0	2	0	4	0	5	1	2	5	4	0	23	
		T	0	2	2	6	7	8	5	7	9	9	0	55	

M.B/ 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	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	0
2	Accidents caused by firearm missile (W32-W34)	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	0
3	Bites of snakes & other venomous animals (X20-X27)	M	0	0	0	0	2	2	2	2	2	2	4	0	14
F		0	2	0	2	0	0	1	2	2	4	4	0	15	
T		0	2	0	2	2	2	3	4	6	8	8	0	29	
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	0
T		0	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	0	2	2	5	1	2	3	2	1	0	18	
F		0	0	0	2	0	5	0	0	0	1	0	0	8	
T		0	0	2	4	5	6	2	3	3	3	1	0	26	
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	0	0	0	0	0	0	0	0	0	1	0	1	1
F		0	0	0	0	0	0	0	0	1	0	0	0	1	1
T		0	0	0	0	0	0	0	0	1	0	0	0	0	2
	ALL CAUSES (MAJOR GROUP I to XIX)	M	780	124	172	343	505	998	2470	4271	2675	5671	12	18021	
F		630	94	134	229	300	585	1313	2100	1521	4352	1	11259		
T		1410	218	306	572	805	1583	3783	6371	4196	10023	13	29280		
	ALL CAUSES (MAJOR GROUP I to XX)	M	781	136	191	447	605	1115	2614	4415	2743	5764	12	18823	
F		630	102	146	273	335	635	1355	2148	1556	4414	1	11595		
T		1411	238	337	720	940	1750	3969	6563	4299	10178	13	30418		

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