

# REPORT ON MEDICAL CERTIFICATION OF CAUSE OF DEATH 2012



Directorate of Economics and Statistics Thiruvananthapuram



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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 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 provide 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, Ernakulam and Kozhikode and one Municipality - Alappuzha. In domiciliary cases MCCD is not reported and so the readers of this report may bear in mind that the study is confined to 13.05% of the total deaths which have been taken place in all the hospitals of the state.

Data on medically certified deaths received from 150 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 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 major causes of death during 2012 in five centres, on the basis of ICD-10 classifications 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 important document 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.

Place: Thiruvananthapuram

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Reliable cause specific mortality statistics is required on a regular basis by Administrators, Policy Planners, Researchers and other Professionals for evidence-based decision-making with regard to resource allocation, monitoring of indicators, identifying priorities for programmes and other related activities in the area of Public Health. Keeping this in view, the scheme of Medical Certification of Cause of Death (MCCD) was introduced in the Country under the provisions of Registration of Births and Deaths (RBD) Act, 1969. Section 10(2) of the Act empowers the State Government to enforce the provision relating to Medical Certification of Cause of Death (MCCD) in specified areas taking into consideration the availability of medical facilities. Section 10(3) of the Act provides 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 onward transmission to the Additional Chief Registrar's Office, for tabulation as per national list, based on Tenth revision of International Classification of Disease (ICD 10). The State subsequently sends it to the Office of the Registrar General, India in the standardised format for national level consolidation.

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**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 2012' is based upon 31317 (Males-19612 and Females-11705) medically certified deaths (13.05% of total registered deaths) supplied by 150 hospitals. As mentioned above, owing to different levels of efficiency of medical certification across the State, the number of deaths reported therein may lack the representative feature in the strict sense. However, it may be sufficient to throw some valuable insight into deaths by various cause groups.

#### **Overall findings**

Following are nine leading cause-groups of deaths constituting around 92.57% of total medically certified deaths:

- I. Diseases of Circulatory System (29.95%).
- II. Neoplasm (14.55%).
- III. Endocrine, Nutritional and Metabolic Diseases (12.41%).
- IV. Diseases of the Respiratory System (10.95%).
- V. Diseases of the Digestive System (7.38%)
- VI. Certain Infectious and Parasitic diseases (6.93%)
- VII. Certain condition originating in the perinatal period (3.99%).
- VIII. Injury, Poisoning and certain other consequences of External Causes (3.76%).
- IX. The Genitourinary System (2.65%).

- Among the "Diseases of the Circulatory System" deaths, "Cerebrovascular Diseases" account for the highest number of deaths (31.66%).
- The second leading cause group, Neoplasm's Cancer is responsible for 14.55% of the total medically certified deaths, of which "Malignant neoplasm of digestive organs" accounts for 26.77%. This is followed by "Malignant Neoplasm's of Lymphoid, Haematopoietic and Related tissue" accounts for one-sixth of deaths (19%).
- The group of "Endocrine, Nutritional and Metabolic Diseases" is the third leading cause group accounting for 12.41% of the total medically certified deaths. Under this cause group, "Diabetes Mellitus" group alone accounts for 93.28% of total deaths reported and 11.57% of total medically certified deaths.
- The major group "Diseases of the Respiratory System" is the fourth leading cause (10.95%). "Lower Respiratory Disorders" accounting for around 58.63% of the total deaths under this category. The other major cause in this group is "Other diseases of the respiratory system including Pneumonia" causing 38.83% of death.
- The major group comprising "Diseases of Digestive system" is the fifth leading cause accounting for 7.38% of the total medically certified deaths. Among the deaths due to disorders of digestive system, "Diseases of the Liver" alone accounts for 81.17% of the total deaths in this group.
- The major group "Certain Infectious and Parasitic Diseases" which is the sixth leading cause (6.93%) of death is mainly constituted by Tuberculosis and Septicaemia. Under this major group, the shares of these two diseases are 18.29% and 24.24% respectively.
- The seventh leading group "Certain conditions originating in the Perinatal period" accounting for 3.99% of the total medically certified deaths. "Slow foetal growth, foetal malnutrition and Immaturity" and "Hypoxia, birth asphyxia and other respiratory conditions" accounts for 43.65% and 27.26% of the deaths under the group respectively.
- The eighth leading cause group "Injury, Poisoning and certain other consequences of External causes" accounting 3.76% of total medically certified deaths.
- The major group comprising "The Genitourinary System" is the ninth leading cause accounting for (2.65%) of the total medically certified deaths. Among

the deaths due to disorders of Genitourinary system, "Renal failure" alone accounts for 43.68% of the total deaths in this group.

#### Age-wise:

- Around 6.40% of reported medically certified deaths have been of the infants (age less than 1 year).
- About 61.38% of infant deaths have been reported to be caused by 'Certain conditions originating in the perinatal period' and about 26% deaths have been caused by 'Congenital Malformations, Deformations and Chromosomal Abnormalities'.
- Among the children aged '1-4', "Neoplasms" have taken the highest toll of 20.36% in which 62.22% is due to 'Leukaemia 'and18.55% of death is due to "Diseases of the Respiratory System".
- In the age group '5-14', major group 'Neoplasms' is in the topmost position with the share of 27.22% in which 58.43% is due to 'Leukaemia'. 12.54% is due to 'Diseases of the Circulatory system' and 11.01% of death is due to 'Diseases of the respiratory system'
- 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 25.81%. It implies that these age-groups of adolescents are more vulnerable to injuries and poisoning related deaths. Around 15.18% of death under this age group is due to 'Neoplasm'.
- 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 18.82%. It implies that these age-groups of youths are also more vulnerable to injuries and poisoning related deaths. 'Diseases of Circulatory System' and 'Neoplasm' 'contribute around 16.76% and 14.80% respectively 11.86% of death is due to 'Certain Infectious and Parasitic Diseases'.
- In the age-group '35-44', the first two leading causes are "Diseases of Circulatory System" and "Neoplasm" having almost equal shares of 20.75% and 20.47% respectively. 'Diseases of the Digestive System' and 'Certain Infectious and Parasitic Diseases' contributing around 16.17% and 11.60% respectively.
- For the age-groups of '45-54', the first two leading causes of death are "Diseases of Circulatory System" and "Neoplasm" having percentage of

- 25.60% and 19.51% respectively. The 14.33% of death under this age group comes under 'Diseases of the Digestive System' in which 90.81% is due to 'Diseases of the liver'.
- Around 21.34% of the total medically certified death comes under the age group '55-64'. In this age group the first leading causes of death is "Diseases of Circulatory System" (30.53%). The next two leading causes are "Neoplasm" and "Endocrine, Nutritional and Metabolic Diseases" having percentage of 19.22% and 15.71% respectively. Under Neoplasm, 27.26% death comes under 'Malignant neoplasms of digestive organs'. Under "Endocrine, Nutritional and Metabolic Diseases" 95.81% due to 'Diabetes mellitus'.
- For the age '65 above', the leading causes of death is "Diseases of Circulatory System". 'Diseases of the Respiratory System', 'Endocrine, Nutritional and Metabolic Diseases' and 'Neoplasm' are the next major causes of death.

#### Gender-wise:

- Under the Civil Registration System, in the percentage number of births registered 51% were males and 49% were females, and in the percentage number of deaths registered, 54% were males and 46% were females.
- In the total medically certified death, 62.62% were males and 37.38% were female.
- There is significant difference for both males and females for all age groups under medically certified deaths.
- For below one year, 57.98% of deaths were male and 42.02% were female. The difference in percentage is significantly high for '15- 24' above age group and it is maximum for the age group '55-64'.
- There is significant difference for both males and females as far as nine leading causes of death are concerned.
- For 'Diseases of the digestive system' and 'Injury, poisoning and certain other consequences of external causes' the difference in male and female deathsis significantly high.



# INTRODUCTION



### Chapter 1



Medical Research is currently facing stiff challenges from the spread of variety of ailments like Cancer, AIDS, Heart Diseases, Juvenile diabetes, Noncommunicable 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 which comprises of two parts 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 the underlying cause, the last. 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.



# COMPARISON OF MCCD AND CRS DATA



## Chapter II COMPARISON OF MCCD AND CRS DATA

The data on MCCD has been presented as per the National List based on 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 – 2012' is based upon 31317 (Males: 19612 and Females: 11705) medically certified deaths. This represents 13.05 % of total registered deaths supplied by 150 Hospitals.

As per the reported information, the number and name 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

	Туре	e of attention	at death un	der CRS			
Centres	Institutional	Medical Attention other than institution	No medical attention	Not stated	Total	MCCD	% of MCCD to total death
Alapuzha (M)	334	157	548	0	1039	2467	237.44
Kochi ©	7932	514	923	0	9369	6277	67.00
Kollam ©	2522	286	628	4	3440	3207	93.23
Kozhikode ©	10411	742	960	3	12116	9102	75.12
Thiruvananthapuram©	12901	589	1076	6	14572	10264	70.44
Total	34100	2288	4135	13	40536	31317	77.26
State Total	144149	41314	54344	241	239982		13.05

Table 2.1 gives a comparison of type of attention of death under Civil Registration System (CRS) and Medically Certified Death. It may be noted that only 13.05% of total registered death in Kerala is Medically Certified, which is 21.73% of the institutional death of the State. 77.26% of the total death registered in these five centres comes under MCCD, which is 91.84% of the institutional death in these centres. The number of Medically Certified Death in Alapuzha (Municipality) is more than double of the registered death, because the Form 4 from the Medical College, Alappuzha is also being collected even though the institution is situated outside Municipality area.

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

		Medi	cally Cer	rtified D	eaths		Deaths reported under CRS					
Age Group	Ma	ale	Fen	nale	То	tal	Ma	le	Fem	ale	Tot	al
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
< 1	1162	5.92	842	7.19	2004	6.4	2249	1.73	2164	1.97	4413	1.84
1-4	115	0.6	106	0.9	221	0.71	411	0.32	301	0.27	712	0.30
5-14	177	0.9	150	1.28	327	1.04	673	0.52	559	0.51	1232	0.51
15-24	301	1.53	226	1.93	527	1.68	2152	1.65	1367	1.24	3519	1.47
25-34	564	2.88	355	3.03	919	2.93	3684	2.83	2041	1.86	5725	2.39
35-44	1178	6.00	615	5.25	1793	5.73	6510	5.00	3661	3.33	10171	4.23
45-54	2762	14.08	1266	10.82	4028	12.86	14118	10.85	7882	7.18	22000	9.17
55-64	4609	23.5	2073	17.72	6682	21.34	24114	18.53	14219	12.95	38333	15.97
65-69	2657	13.55	1512	12.92	4169	13.31	14145	10.86	10136	9.23	24281	10.12
70+	5912	30.14	4444	37.97	10356	33.07	61794	47.48	67243	61.22	129037	53.77
N.S	175	0.9	116	0.99	291	0.93	298	0.23	261	0.24	559	0.23
Total	19612	100	11705	100	31317	100	130148	100	109834	100	239982	100

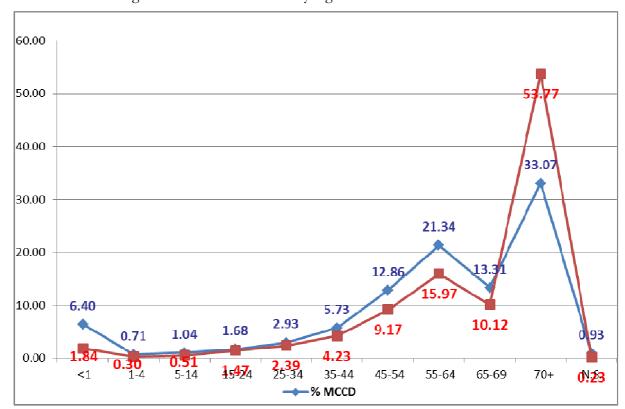


Chart 2.1: Percentage Distribution of Deaths by Age under MCCD and CRS

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

The age wise cause of death of the total five centres for twenty major classifications is 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.



# LEADING CAUSES OF DEATH

#### 3.0 Introduction

#### 3.1 Diseases of the Circulatory System (IX), (100-199):

- 3.1.1 Cerebrovascular Diseases
- 3.1.2 Ischemic Heart Diseases
- 3.1.3 Hypertensive Diseases
- 3.1.4 Diseases of Pulmonary Circulation and other forms of Heart 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 Neoplasms of Lymphoid, Haematopoietic and Related Tissue
  - 3.2.2.1 Leukaemia
- 3.2.3 Malignant Neoplasm of Respiratory and Intra Thoracic Organs
- 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 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 Digestive System (XI): (K00-K92)
  - 3.5.1 Diseases of the Liver
- 3.6 Certain Infectious and Parasitic Diseases (I): (A00-B99)
  - 3.6.1 Septicaemia.
  - 3.6.2 Tuberculosis
  - 3.6.3 Human Immunodeficiency Virus [HIV]
  - 3.6.4 Hepatitis B
- 3.7 Certain Conditions Originating in the Perinatal Period (XVI): (P00-P96)
- 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
  - 3.8.4 Snake Bite
- 3.9 Diseases of the Genitourinary System (XIV): (N00-N99)
- 3.10 Distribution of Causes of Deaths under 'Other Groups'

#### 3.0 Introduction

The nine leading cause groups of deaths viz; 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 Digestive System (K00-K92), Certain Infectious and Parasitic Diseases (A00-B99), Certain Conditions Originating in the Perinatal Period (P00-P96), Injury, Poisoning and Certain other Consequences of External Causes (S00-T98), and Diseases of the Genitourinary System (N00-N99) taken together account for about 92.57% of the total Medically Certified Deaths. All other causes are taken together and grouped into single 'Other Group' category. It is detailed in Table 3.0.

Table 3.0: Distribution of Medically Certified Deaths by Sex and Nine leading cause-groups.

C1			Se	ex			
Sl No.	Cause of Death	N	<b>I</b> ale	Fema	ale	Tota	al
110.		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System ( 100-199)	5592	28.51	3788	32.36	9380	29.95
2	Neoplasms (C00-D48)	2798	14.27	1759	15.03	4557	14.55
3	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	2317	11.81	1568	13.4	3885	12.41
4	Diseases of the Respiratory System (J00-J98)	2283	11.64	1145	9.78	3428	10.95
5	Diseases of the Digestive System (K00-K92)	1844	9.40	466	3.98	2310	7.38
6	Certain Infectious and Parasitic Diseases (A00-B99)	1365	6.96	805	6.88	2170	6.93
7	Certain Conditions Originating in the Perinatal Period ( P00-P96)	726	3.70	525	4.49	1251	3.99
8	Injury, Poisoning and Certain Other Consequences Of External Causes (S00-T98)	903	4.60	275	2.35	1178	3.76
9	Diseases of the Genitourinary System ( N00-N99)	510	2.60	321	2.74	831	2.65
10	Other Groups	1274	6.50	1053	9.00	2327	7.43
	Total	19612	100	11705	100	31317	100

Among the leading cause groups, 'Diseases of Circulatory System ( I00-I99) constitute the maximum i.e. 29.95% of total Medically Certified Deaths, followed by 'Neoplasm (C00-D48)' 14.55%, 'Endocrine, Nutritional and Metabolic Diseases (E00-E89)' 12.41%, 'Diseases of the Respiratory System (J00-J98)' 10.95%, 'Diseases of the Digestive system (K00-K92)' 7.38%, 'Certain Infectious and Parasitic Diseases' 6.93%, 'Certain Conditions Originating in the Perinatal Period ( P00-P96)' constitute 3.99%, 'Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)' 3.76% of the total Medically Certified Deaths, followed by 2.65% due to 'Diseases of the Genitourinary System ( N00-N99)', and 'all other groups' constitute around 7.43%.

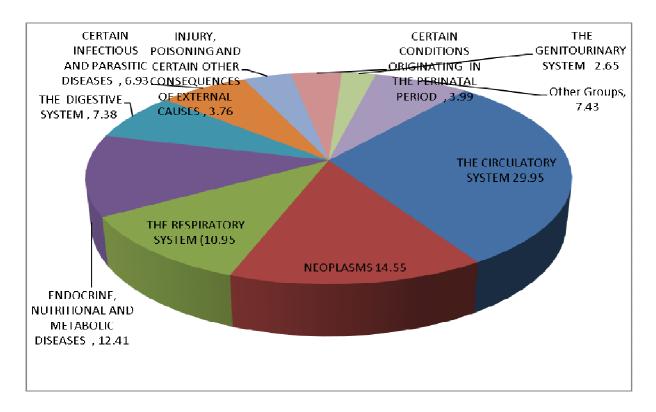


Chart 3.0: Percentage distribution of deaths under MCCD by leading cause group

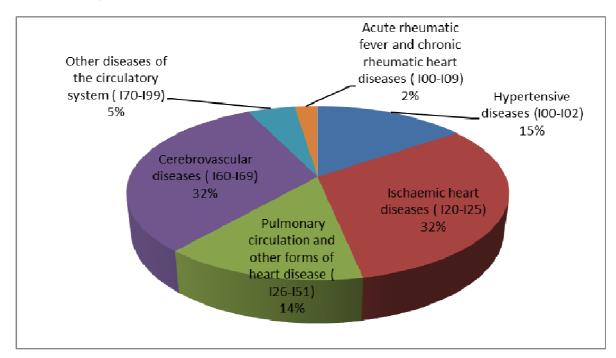
#### 3.1 Diseases of the Circulatory System (IX), (I00-I99):

The number of deaths reported under 'Diseases of the Circulatory System', is 29.95% of the total 31317 Medically Certified Deaths. It accounts for 28.51% of males and 32.36% of female deaths in their respective totals of deaths. The distribution of major components under this cause group is presented in Table 3.1and is depicted in Chart 3.1

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

	C CD 4		Se	X		Т	otal
S1 No	Cause of Death	1	Male	Fe	male	10	otai
110		No.	%	No.	%	No.	%
1	Cerebrovascular diseases ( 160-169)	1722	30.79	1248	32.95	2970	31.66
2	Ischaemic heart diseases ( 120-125)	1857	33.21	1108	29.25	2965	31.61
3	Hypertensive diseases(I00-I02)	876	15.67	552	14.57	1428	15.22
4	Diseases of pulmonary circulation and other forms of heart disease ( 126-151)	784	14.02	570	15.05	1354	14.43
5	Other diseases of the circulatory system ( 170-199)	282	5.04	165	4.36	447	4.77
6	Acute rheumatic fever and chronic rheumatic heart diseases ( 100-109)	71	1.27	145	3.83	216	2.30
7	Total Medically Certified Deaths due to Diseases of Circulatory System	5592	100.00	3788	100.00	9380	100.00

Chart 3.1: Percentage distribution of medically certified deaths due to 'Diseases of Circulatory System'.

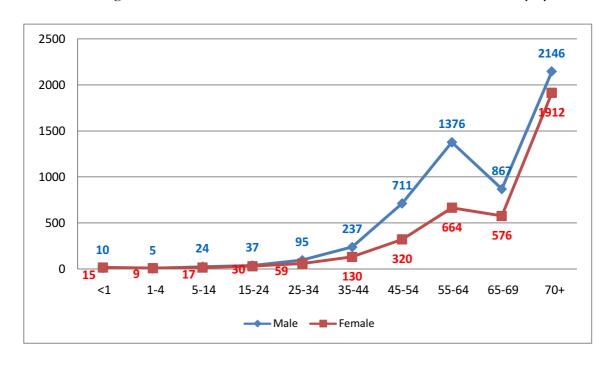


The age distribution of medically certified deaths due to 'Diseases of Circulatory System' has been given in Table 3.2 and highlighted in Chart 3.2. The age distribution under this cause group is in consonance with the general epidemiology of circulatory system which increases with age.

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

			Sex			_	į.
Sl No.	Age Group	M	<b>Iale</b>	Fen	nale	To	otal
		No.	%	No.	%	No.	%
1	<1	10	0.18	15	0.40	25	0.27
2	1-4	5	0.09	9	0.24	14	0.15
3	5-14	24	0.43	17	0.45	41	0.44
4	15-24	37	0.66	30	0.79	67	0.71
5	25-34	95	1.70	59	1.56	154	1.64
6	35-44	237	4.24	130	3.43	367	3.91
7	45-54	711	12.71	320	8.45	1031	10.99
8	55-64	1376	24.61	664	17.53	2040	21.75
9	65-69	867	15.5	576	15.21	1443	15.38
10	70+	2146	38.38	1912	50.48	4058	43.26
11	N.S.	84	1.5	56	1.48	140	1.49
	Total	5592	100.00	3788	100.00	9380	100.00

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



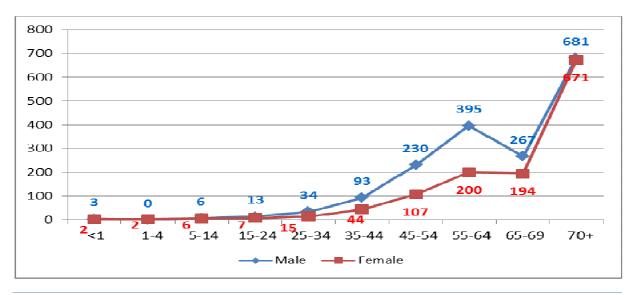
#### 3.1.1 Cerebrovascular Diseases.

The sub group 'Cerebrovascular Diseases' is reported to be the highest cause of deaths constituting 31.66% of the 'Diseases of Circulatory System'. Most of the deaths occurred in the age group 45 and above. Out of the death due to Cerebrovascular Diseases, 57.98% were males and 42.02% were females. The age distribution of medically certified deaths due to 'Cerebrovascular Diseases' has been given in Table 3.3 and is graphically represented in Chart 3.3.

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

Age	Male	Percentage	Female	Percentage	Total	Percentage
< 1	3	0.17	2	0.16	5	0.17
1-4	0	0	2	0.16	2	0.07
5-14	6	0.35	6	0.48	12	0.40
15-24	13	0.75	7	0.56	20	0.67
25-34	34	1.97	15	1.20	49	1.65
35-44	93	5.4	44	3.53	137	4.61
45-54	230	13.36	107	8.57	337	11.35
55-64	395	22.94	200	1603	595	20.03
65-69	267	15.51	194	15.54	461	15.52
70+	681	39.55	671	53.77	1352	45.52
Total	1722	100	1248	100	2970	100

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



#### 3.1.2 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 second highest number of deaths (31.61%) under the major group 'Diseases of Circulatory System'. Out of the deaths due to Ischemic Heart Disease, 62.63 % were males and 37.37 % were female. The age distribution of medically certified deaths due to 'Ischemic Heart Diseases (IHD)' has been given in Table 3.4. It is a main cause of death of aged people. 81.96% of the IHD death is above the age group '55 and above'.

Table 3.4: Age & Sex wise distribution of deaths due to 'Ischemic Heart Diseases (IHD)'

		SEX								
Sl No.	Age Group	Ma	ale	Fe	male	To	otal			
		No.	%	No.	%	No.	%			
1	<1	0	0.00	0	0	0	0			
2	1-4	0	0.00	0	0	0	0			
3	5-14	0	0.00	1	0.09	1	0.03			
4	15-24	0	0.00	1	0.09	1	0.03			
5	25-34	20	1.08	3	0.27	23	0.78			
6	35-44	68	3.66	10	0.9	78	2.63			
7	45-54	223	12.01	69	6.23	292	9.85			
8	55-64	495	26.66	188	16.97	683	23.04			
9	65-69	280	15.08	183	16.52	463	15.62			
10	70+	687	37	597	53.88	1284	43.31			
11	N.S.	84	4.52	56	5.05	140	4.72			
	Total	1857	100	1108	100	2965	100			

#### 3.1.3 Hypertensive Diseases

The sub group 'Hypertensive Diseases' is reported to be the third highest cause of deaths constituting 15.22% of the 'Diseases of Circulatory System'. Most of the deaths occurred in '45 and above' age group. Out of the death due to Hypertensive Diseases, 61.34% were males and 38.66% were females.

Table 3.5: Age & Sex wise distribution of deaths due to 'Hypertensive Diseases'

			S	EX		Total		
Sl No.	Age Group	N	<b>Tale</b>	Fen	nale	Total		
		No.	%	No.	%	No.	%	
1	<1	1	0.11	2	0.36	3	0.21	
2	1-4	0	0.00	1	0.18	1	0.07	
3	5-14	1	0.11	0	0.00	1	0.07	
4	15-24	1	0.11	1	0.18	2	0.14	
5	25-34	7	0.80	3	0.54	10	0.70	
6	35-44	20	2.28	10	1.81	30	2.10	
7	45-54	103	11.76	39	7.07	142	9.94	
8	55-64	242	27.63	119	21.56	361	25.28	
9	65-69	164	18.72	90	16.30	254	17.79	
10	70+	337	38.47	28	51.99	624	43.70	
11	N.S.	0	0.00	0	0.00	0	0.00	
	Total	876	100	552	100	1428	100	

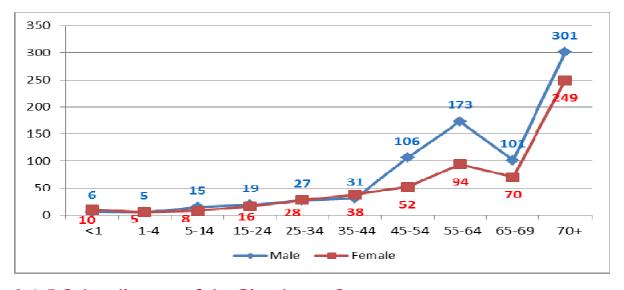
# 3.1.4 Diseases of Pulmonary Circulation and other forms of Heart Diseases

'Diseases of Pulmonary Circulation and other forms of Heart Diseases' (14.43%) are the fourth highest cause of death under the major group 'Diseases of Circulatory System'. Most of the deaths occurred in '45 and above' age group. Out of the deaths due to 'Diseases of Pulmonary Circulation and other forms of Heart Diseases', 58% were males and 42% were females.

Table 3.6: Age & Sex wise distribution of deaths due to 'Diseases of Pulmonary Circulation and other forms of Heart Diseases'

Age	Male	Percentage	Female	Percentage	Total	Percentage
< 1	6	0.77	10	1.75	16	1.18
1-4	5	0.64	5	0.88	10	0.74
5-14	15	1.91	8	1.40	23	1.70
15-24	19	2.42	16	2.81	35	2.58
25-34	27	3.44	28	4.91	55	4.06
35-44	31	3.95	38	6.67	69	5.10
45-54	106	13.52	52	9.12	158	11.67
55-64	173	22.07	94	16.49	267	19.72
65-69	101	12.88	70	12.28	171	12.63
70+	301	38.39	249	43.68	550	40.62
Total	784	100	570	100	1354	100

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



#### 3.1.5 Other diseases of the Circulatory System

'Other diseases of the circulatory system' (4.77%) is the fifth highest 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', 63.09% were males and 36.91% were female. Most of the deaths reported under '55 and above' age group.

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

	<b>A</b> = =		SE		Total			
SlNo	Age Group	Ma	ıle	Fen	nale	Total		
	Gloup	No.	%	No.	%	No.	%	
1	<1	0	0.00	1	0.61	1	0.22	
2	1-4	0	0.00	1	0.61	1	0.22	
3	5-14	2	0.71	0	0.00	2	0.45	
4	15-24	0	0.00	1	0.61	1	0.22	
5	25-34	3	1.06	6	3.64	9	2.01	
6	35-44	12	4.26	11	6.67	23	5.15	
7	45-54	32	11.35	9	5.45	41	9.17	
8	55-64	58	20.57	28	16.97	86	19.24	
9	65-69	48	17.02	22	13.33	70	15.66	
10	70+	127	45.04	86	52.12	213	47.65	
	Total	282	100	165	100	447	100	

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

'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases' (2.30%) is the sixth main cause under the major group 'Diseases of Circulatory System'. The percentage of female deaths to male deaths is more in 'Acute rheumatic fever and chronic rheumatic heart diseases'.

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

			S		Total			
Sl No.	Age Group	Male		Fe	male	1 Otal		
1101	Стощр	No.	%	No.	%	No.	%	
1	< 1	0	0	0	0	0	0	
2	1-4	0	0	0	0	0	0	
3	5-14	0	0	2	1.38	2	0.93	
4	15-24	4	5.63	4	2.76	8	3.70	
5	25-34	4	5.63	4	2.76	8	3.70	
6	35-44	13	18.31	17	11.72	30	13.89	
7	45-54	17	23.94	44	30.30	61	28.24	
8	55-64	13	18.31	35	24.14	48	22.22	
9	65-69	7	9.86	17	11.72	24	11.11	
10	70+	13	18.31	22	15.17	35	16.20	
	Total	71	100	145	100	216	100	

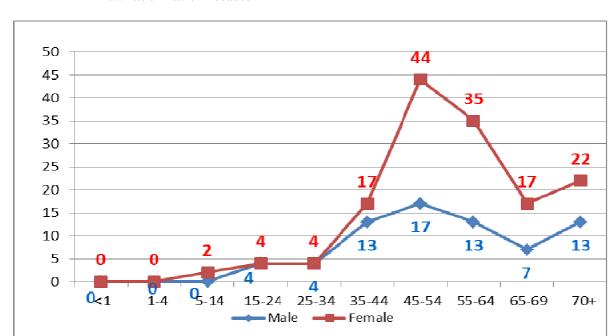


Chart 3.5: Age & Sex wise distribution of deaths due to 'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases'

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

The second leading cause is 'Neoplasm', which is commonly known as Cancer, is responsible for 14.55% of the total Medically Certified Deaths. The share of deaths due to 'Neoplasms' in total males deaths is 14.27% as compared to the corresponding figure of 15.03% in case of female. Out of 4557 Neoplasm deaths, 2798 were males (61.4%) and 1759 were females (38.6%). The distribution of major causes of deaths under the group is given in the Table 3.9 and depicted in Chart 3.6.

Table 3.9: Distribution of major causes of deaths among 'Neoplasm'.

C1	SI		Se	ex		T	×4.1
No.	Cause of Death	M	ale	Fei	male	Total	
110.		No.	%	No.	%	No.	%
1	Malignant neoplasms of digestive organs	870	31.09	350	19.90	1220	26.77
2	Malignant neoplasms of lymphoid, haematopoietic and related tissue	510	18.23	356	20.24	866	19.00
3	Malignant neoplasms of respiratory and intrathoracic organs	697	24.91	132	7.50	829	18.19
4	Malignant neoplasms of genitourinary organs	188	6.72	272	15.46	460	10.09
5	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast	64	2.29	364	20.69	428	9.39

6	Malignant neoplasms of other and unspecified sites	147	5.25	128	7.28	275	6.03
7	Malignant neoplasms of lip, oral cavity and pharynx	192	6.96	60	3.41	252	5.53
8	Malignant neoplasms of eye, brain and other parts of central nervous system	76	2.72	57	3.24	133	2.92
9	Other Neoplasms	34	1.22	25	1.42	59	1.29
10	Benign Neoplasm	20	0.71	15	0.85	35	0.77
	Total Medically Certified Deaths due to Neoplasm	2798	100	1759	100	4557	100
	Deaths due to Neoplasm as percentage to total Medically Certified Deaths	2798	14.27	1759	15.03	4557	14.55

Among the Neoplasm deaths, 'Malignant Neoplasm of Digestive Organs' accounts for the highest mortality (26.77%), followed by 'Malignancy of Lymphoid, Haematopoietic & other related tissue' (19%), 'Malignant Neoplasm of Respiratory and Intra thoracic Organs' (18.19%) 'Malignant neoplasms of genitourinary organs' (10.09%), 'Malignant neoplasm of bone, mesothelial and soft tissue, skin and breast' (9.39%), 'Malignant neoplasms of other and unspecified sites' (6.03%), 'Malignant neoplasm of lip, oral cavity and pharynx' (5.53%) and 'Malignant neoplasms of eye, brain and other parts of central nervous system' (2.92%). The deaths due to 'Other neoplasm' and 'Benign neoplasm' are 1.29% and 0.77% respectively.

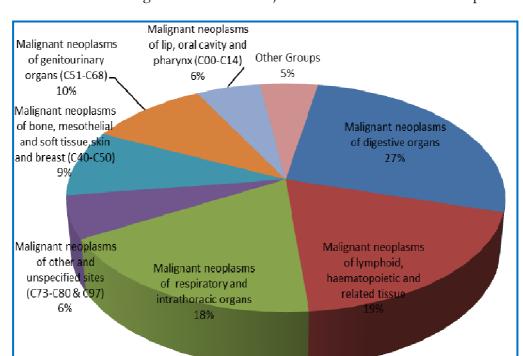


Chart 3.6: Percentage distribution of major causes of deaths due to 'Neoplasm'.

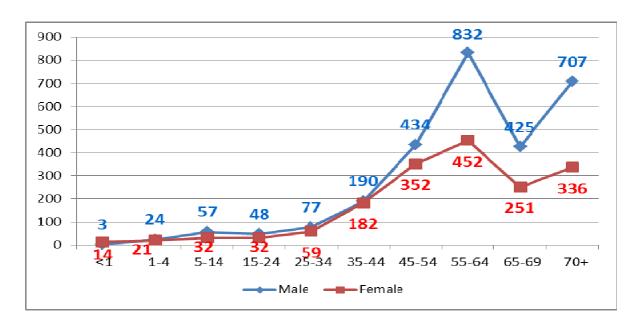
Comparatively less number of 'Neoplasm' deaths occurred for '35 and below' age group and maximum number of 'Neoplasm' death occurred for '45 and above' age group. For '45 and above' age, male deaths due to 'Neoplasm' are much more when compared with female death. The age distribution of medically certified deaths due to 'Neoplasm' has been given in Table 3.10

Table 3.10: Age distribution of	of deaths due to 'Ne	oplasm'.
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	A ~~		SI		Total		
SlNo.	Age Group	Male		Fer			
	Group	No.	%	No.	No. %		%
1	<1	3	0.11	14	0.80	17	0.37
2	1-4	24	0.86	21	1.19	45	0.99
3	5-14	57	2.04	32	1.82	89	1.95
4	15-24	48	1.72	32	1.82	80	1.76
5	25-34	77	2.75	59	3.35	136	2.98
6	35-44	190	6.79	182	10.35	372	8.16
7	45-54	434	15.51	352	20.01	786	17.25
8	55-64	832	29.74	452	25.70	1284	28.18
9	65-69	425	15.19	251	14.27	676	14.83
10	70+	707	25.27	336 19.10		1043	22.89
	Total	2798	100.00	1759	1759 100.00		100.00

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

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

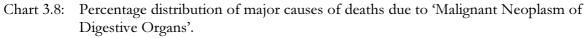


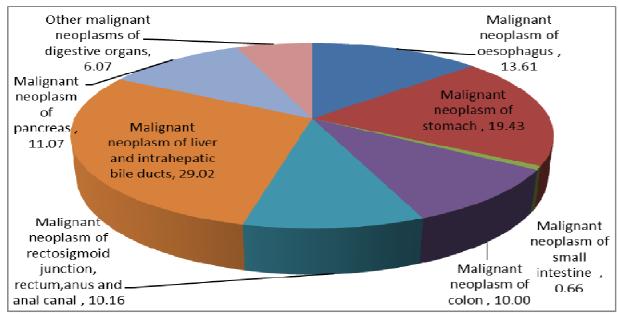
#### 3.2.1 Malignant Neoplasms of Digestive Organs

The sub group 'Malignant Neoplasms of Digestive Organs' is reported to be the highest cause of deaths constituting 26.77% of the deaths due to 'Neoplasm'. The share of deaths due to 'Malignant Neoplasms of Digestive Organs' in males as against total male Neoplasm deaths is 31.09% and 19.90% the corresponding female Neoplasm deaths. Out of 1220 death under this cause, 870 were males (71.31%). That means death due to 'Malignant Neoplasms of Digestive Organs' in males are more than double that of females. Among the death covered under 'Malignant Neoplasms of Digestive Organs', 23.77% is due to 'Malignant neoplasm of liver' in male. 19.43% of death under this group is due to 'Malignant Neoplasm of Stomach'.

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

			SE	EX		Т.	otal
Sl No	Cause of Death	M	[ale	Fe	nale	1(	otai
		No.	%	No.	%	No.	%
1	Malignant neoplasm of liver and Intraepatic bile ducts	290	33.33	64	18.29	354	29.02
2	Malignant neoplasm of stomach	170	19.54	67	19.14	237	19.43
3	Malignant neoplasm of oesophagus		14.83	37	10.57	166	13.61
4	Malignant neoplasm of pancreas	86	9.89	49	14	135	11.07
5	Malignant neoplasm of recto sigmoid junction, rectum, anus and anal canal.	73	8.39	51	14.57	124	10.16
6	Malignant neoplasm of colon	70	8.05	52	14.86	122	10.00
7	Other malignant neoplasm of digestive organs	46	5.29	28	8	74	6.07
8	Malignant neoplasm of small intestine including duodenum including duodenum	6	0.69	2	0.57	8	0.66
	Total Medically Certified Deaths due to 'Malignant neoplasms of digestive organs '	870	100	350	100	1220	100.00
	Deaths due to 'Malignant neoplasms of digestive organs' as percentage to total Neoplasm deaths.		31.09		19.90		26.77





The age wise distribution of major causes of deaths under 'Malignant Neoplasm of Digestive Organs' given in the Table 3.12 and depicted in Chart 3.9.

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

C1			SE	EX		т	otal
S1 No.	Age Group	M	ale	Fen	nale	1	Otai
1101		No.	%	No.	%	No.	%
1	<1	0	0	0	0	0	0
2	1-4	1	0.11	0	0	1	0.08
3	5-14	2	0.23	0	0	2	0.16
4	15-24	1	0.11	3	0.86	4	0.33
5	25-34	8	0.92	8	2.29	16	1.31
6	35-44	56	6.44	29	8.29	85	6.97
7	45-54	154	17.70	61	17.43	215	17.62
8	55-64	261	30	89	25.43	350	28.69
9	65-69	153	17.59	58	16.57	211	17.30
10	70+	234	26.90	102	29.14	336	27.54
	Total	870	100	350	100	1220	100

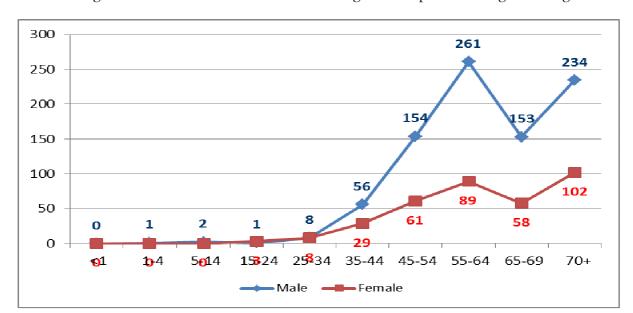


Chart 3.9: Age wise distribution of deaths due to 'Malignant Neoplasms of Digestive Organs'.

#### 3.2.1.1 Malignant Neoplasm of Liver

Among the deaths covered under 'Malignant Neoplasms of Digestive Organs', 29.02% is due to 'Malignant neoplasm of liver'. Out of 354 deaths due to 'Malignant neoplasm of liver', 290 were male deaths (82%). This is almost 4 times more than that of female deaths. Number of deaths is very less for age 'under 35'. For '55 and above' age, number of deaths is high. The age wise distribution of deaths under 'Malignant Neoplasm of Liver' is given in the Table 3.13 and depicted in Chart 3.10.

T-1-1- 2 12. A		- 6 1 41 1 4 -	(N I - 1)	1
Table 3.13: Age v	wise distribilition	Lot deaths due to	- Mallonant neon	iasm of Liver
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			SE	EX			
SlNo.	Age Group	M	ale	Fei	male	Т	otal
	g r	No.	%	No. %		No.	%
1	<1	0	0	0	0	0	0
2	1-4	1	0.34	0	0	1	0.28
3	5-14	0	0	0	0	0	0
4	15-24	0	0	2	3.13	2	0.56
5	25-34	4	1.38	0	0	4	1.13
6	35-44	12	4.14	6	9.38	18	5.08
7	45-54	45	15.52	14	21.88	59	16.67
8	55-64	97	33.45	14	21.88	111	31.36
9	65-69	55	18.97	11	11 17.19		18.64
10	70+	76	26.21	17 26.56		93	26.27
	Total	290	100	64 100		354	100

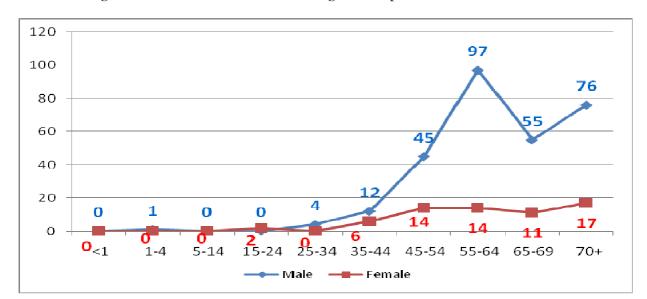


Chart 3.10: Age distribution of deaths due to 'Malignant neoplasm of Liver'.

#### 3.2.1.2 Malignant Neoplasm of Stomach

Among the death covered under 'Malignant Neoplasms of Digestive Organs', 19.43% is due to 'Malignant Neoplasm of Stomach' which is the second largest cause of death in this major cause. Out of 237 deaths due to 'Malignant Neoplasm of Stomach', 170 were male deaths (71.73%). For '45 and above' age, number of deaths is high. The age distribution of medically certified deaths due to 'Malignant Neoplasm of Stomach' has been highlighted in table 3.14 and chart 3.11.

Table 3.14: Age distribution o	of deaths due to	Malignant Neo	plasm of Stomach'.
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			SE	X		Tot	.a1
SlNo.	Age Group	Ma	ale	Fei	nale	100	ai
		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	0.59	0	0.00	1	0.42
5	25-34	2	1.18	2	2.99	4	1.69
6	35-44	14	8.24	7	10.45	21	8.86
7	45-54	36	21.18	12	17.91	48	20.25
8	55-64	47	27.65	14	20.90	61	25.74
9	65-69	23	13.53	10 14.93		33	13.92
10	70+	47	27.65	22 32.84		69	29.11
	Total	170	100	67	100	237	100

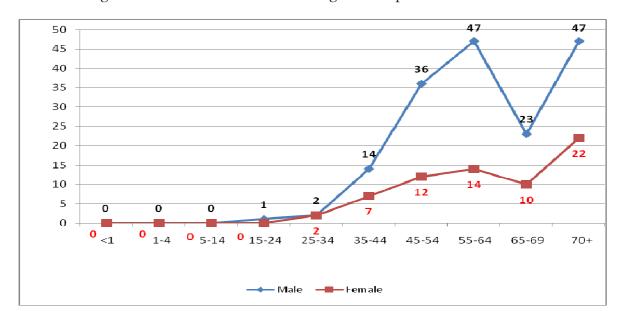


Chart 3.11: Age distribution of deaths due to 'Malignant Neoplasm of Stomach'.

# 3.2.2 Malignant Neoplasm of Lymphoid, Haematopoietic and Related Tissue.

The sub group 'Malignant Neoplasm of Lymphoid, Haematopoietic and Related Tissue' is reported to be the second highest cause of deaths constituting 19% of the deaths due to 'Neoplasm'. The percentage of male deaths due to 'Malignant neoplasms of lymphoid, haematopoietic and related tissue' to total male neoplasm deaths is 18.23% as compared to 20.24% of corresponding female neoplasm deaths.

Table 3.15: Distribution of major causes of deaths due to 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue'.

		SEX							
S1 No	CAUSE OF DEATH	Ma	le	Fen	nale	Total			
110		No.	%	No.	%	No.	%		
1	Leukaemia	262	51.37	199	55.90	461	53.23		
2	Non-Hodgkin's lymphoma	111	21.76	67	18.82	178	20.55		
3	Multiple myeloma and malignant plasma cell	90	17.65	69	19.38	159	18.36		
4	Hodgkin's disease	19	3.73	5	1.40	24	2.77		
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue	28	5.49	16	4.49	44	5.08		
	Total Medically Certified Deaths due to Malignant neoplasms of lymphoid, haematopoietic and related tissue	510	100	356	100	866	100		

The major causes of death in the group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue' is given on Chart 3.12.

Other Hodgkin's malignant disease, 2.77 neoplasms of. lymphoid, hae Non-Hodgkin's matopoietic lymphoma, 20.55 and related tissue, 5.08 Leukaemia , 53.23 Multiple myeloma and malignant plasma cell, 18.36

Chart 3.12: Distribution of major causes of deaths among 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue'

#### 3.2.2.1 Leukaemia

In the sub group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue', 53.23% of death is due to Leukaemia, which is 10.12% of the total 'Neoplasm' deaths. 56.83% of death due to Leukaemia was males. It occurred in all age groups and maximum number of deaths in the age group '55-64'. It is one of the main reasons for death of children in the age group '1-4'. The age wise distribution of medically certified deaths due to Leukaemia has been highlighted in Table 3.16 and Chart 3.13.

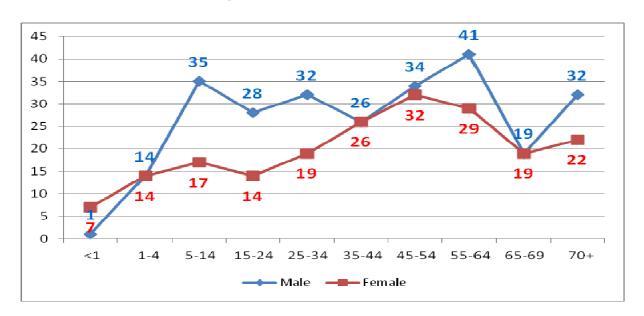


Chart 3.13: Age distribution of deaths due to 'Leukaemia'.

Table 3.16: Age distribution of deaths due to 'Leukaemia'.

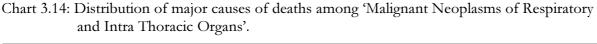
	<b>A</b>		SEX							
S1,No	Age Group	Ma	ale	Female		Total				
	Group	No.	%	No.	%	No.	%			
1	<1	1	0.38	7	3.52	8	1.74			
2	1-4	14	5.34	14	7.04	28	6.07			
3	5-14	35	13.36	17	8.54	52	11.28			
4	15-24	28	10.69	14	7.04	42	9.11			
5	25-34	32	12.21	19	9.55	51	11.06			
6	35-44	26	9.92	26	13.07	52	11.28			
7	45-54	34	12.98	32	16.08	66	14.32			
8	55-64	41	15.65	29	14.57	70	15.18			
9	65-69	19	7.25	19	9.55	38	8.24			
10	70+	32	12.21	22	11.06	54	11.71			
11	N.S.	0	0.00	0	0.00	0	0.00			
	TOTAL	262	100	199	100	461	100			

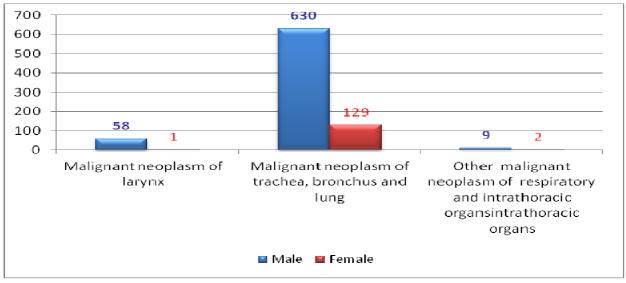
### 3.2.3 Malignant Neoplasm of Respiratory and Intra Thoracic Organs

The sub group 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' is reported to be the third highest cause of deaths constituting 18.19% of the 'Neoplasm' deaths. Among deaths caused by 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' about 76% is due to Lung Cancer in male. Lung Cancer in male alone accounts for around 22.52% of total male Neoplasm deaths. No death occurred up to age 14. Then shows an increase in death from the age 45 and maximum number of death in the age group '55-64'. Out of 759 deaths due to 'Lung Cancer', 630 were males (83%). This is almost five times more than that of female deaths.

Table 3.18: Distribution of major causes of deaths among 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs'

SI			SE		То	<b>+</b> 01	
No.	Cause of Death		Male		male	Total	
110.		No.	%	No.	%	No.	%
1	Malignant neoplasm of trachea, bronchus and lung	630	90.39	129	97.73	759	91.5 6
2	Malignant neoplasm of larynx	58	8.32	1	0.76	59	7.12
3	Other malignant neoplasm of respiratory and intrathoracic organs.		1.29	2	1.52	11	1.33
	Total Medically Certified Deaths due to Malignant neoplasms of respiratory and intrathoracic organs	697	100	132	100	829	100
	Deaths due to 'Malignant neoplasms of respiratory and intrathoracic organs' as percentage to total Neoplasm deaths.		24.91		7.50		18.1 9





The age wise distribution of medically certified deaths due to 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs' have been highlighted in Table 3.19.

Table 3.19: Age wise distribution of deaths due to 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs'.

01			SE	Total				
Sl No.	Age Group	Male		Fen	nale	Total		
1101	Стощр	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	0.16	0	0.00	1	0.13	
5	25-34	4	0.64	2	1.55	6	0.79	
6	35-44	23	3.66	14	10.85	37	4.87	
7	45-54	90	14.33	26	20.16	116	15.28	
8	55-64	246	39.17	38	29.46	284	37.42	
9	65-69	111	17.68	18	13.95	129	17.00	
10	70+	155	24.68	31	24.03	186	24.51	
	Total	630	100	129	100	759	100	

The age wise distribution of medically certified deaths due to 'Malignant Neoplasm of Lungs' has been highlighted in Chart 3.15.

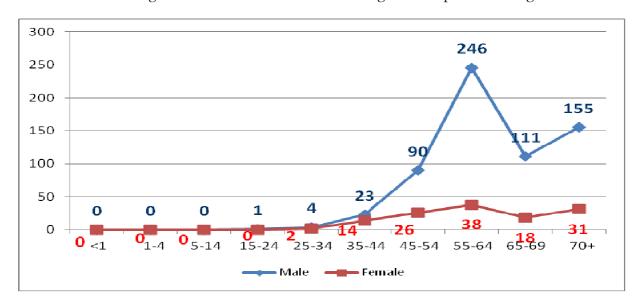


Chart 3.15: Age distribution of deaths due to 'Malignant Neoplasm of Lungs'.

### 3.2.4 Malignant Neoplasm of Genitourinary Organs

The sub group 'Malignant Neoplasm of Genitourinary Organs' is reported to be the fourth highest cause of deaths constituting 10.09% of the 'Neoplasm' deaths. Under the cause, 28.26% is due to 'Malignant Neoplasm of Ovary'. In this group 56.38% of male death is due to 'Malignant Neoplasm of Prostate' and 28.72% of male death is due to 'Malignant Neoplasm of Bladder'. The age distribution of medically certified deaths due to 'Malignant Neoplasm of Genitourinary Organs' has been highlighted in Table 3.20 and chart 3.16.

Table 3.20: Age distribution	of deaths due	to 'Malignant I	Neoplasm of	Genitourinary	Organs'.

C1	<u> </u>			SE	X			
Sl. No.	Age Group	M	<b>Iale</b>	Fen	nale	Total		
140.	Group	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	0.53	2	0.74	3	0.65	
5	25-34	2	1.06	7	2.57	9	1.96	
6	35-44	2	1.06	33	12.13	35	7.61	
7	45-54	13	6.91	62	22.79	75	16.30	
8	55-64	40	21.28	87	31.99	127	27.61	
9	65-69	32	17.02	32	11.76	64	13.91	
10	70+	98	52.13	49	18.01	147	31.96	
	Total	188	100	272	100	460	100	

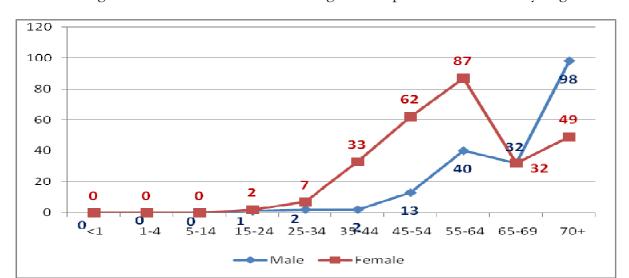


Chart 3.16: Age distribution of deaths due to 'Malignant Neoplasm of Genitourinary Organs'.

### 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 9.39% of the 'Neoplasm'. Among deaths caused by 'Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast', about 76.4% is due to Breast Cancer in female. Breast Cancer alone accounts 18.6% of the total female Neoplasm death. Maximum female death due to breast cancer occurred in the age group '55-64'. The age distribution of medically certified deaths due to 'Malignant neoplasm of Breast' has been highlighted in Table 3.21 and Chart 3.17.

Table 3.21:	1	م د ند د حانسه د ناد	- C - J 4	1 4-	(Malianan)	NIcarlaga	of Dunnal
1  able 5.21:	дуе	distribution	oi deaths	aue to	mangnant	neodiasm	of breast.

SI	A a.a		S	Total				
No.	Age Group	N	<b>I</b> ale	Fe	male	10tai		
140.	Group	No.	No. % No. %		%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	0	0.00	0	0.00	0	0.00	
4	15-24	0	0.00	0	0.00	0	0.00	
5	25-34	0	0.00	9	2.75	9	2.75	
6	35-44	0	0.00	36	11.01	36	11.01	
7	45-54	0	0.00	81	24.77	81	24.77	
8	55-64	0	0.00	104	31.80	104	31.80	
9	65-69	0	0.00	49	14.98	49	14.98	
10	70+	0	0.00	31	9.48	31	9.48	
	TOTAL	0	0	327	100	327	100	

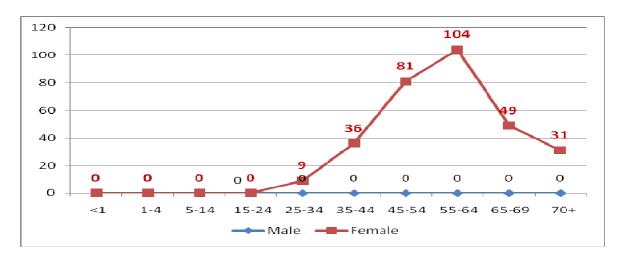


Chart 3.17: Age distribution of deaths due to 'Malignant Neoplasm of Breast'.

### 3.2.6 Malignant Neoplasm of Other and Unspecified Sites

The percentage of male and female deaths under the cause, 'Malignant neoplasm of other and unspecified sites' is 53.45% and 46.55% respectively. This cause constitutes 6.03% of the total Neoplasm deaths.

#### 3.2.7. Other Neoplasms

'Malignant neoplasm of lip, oral cavity and pharynx' contribute 5.53% of the total Neoplasm deaths while 'Malignant neoplasm of eye, brain and other parts of central nervous system' contribute 2.92%, 'Other and unspecified neoplasm' 1.29% and 'Benign neoplasm' 0.77% reported against the total Neoplasm deaths.

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

This is the third leading cause group which has contributed to 12.41% 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 by which Pancreas no longer produces enough insulin or when cells stop responding to the insulin that is produced, so that glucose in the blood cannot be absorbed into the cells of the body, is the leading cause of death. It alone accounts for 93.28% of total deaths reported under the cause group. Out of 3624 deaths due to 'Diabetes Mellitus', 2184 were males (60.26%). The share of diabetes mellitus in total Medically Certified Deaths is 11.57%.

This is the major cause of death due to Non Communicable Diseases. Starting from the age of 25, it shows very high increase in death rate with respect to age. The highest share of deaths is reported for the age group '55-64'. The age wise distribution deaths under this group are depicted in Table 3.22 and Chart 3.18.

Chart 3.18: Age & Sex wise distribution of deaths due to 'Endocrine, Nutritional and Metabolic Diseases'.

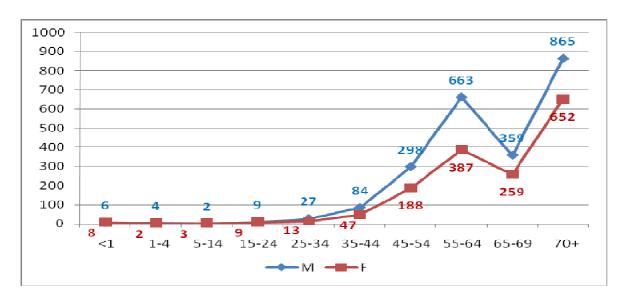


Table 3.22: Age & Sex wise distribution of deaths due to 'Endocrine, Nutritional and Metabolic Diseases.

SI	A a.a		Se	т	o4o1		
No.	Age Group	N.	Male Female		Total		
140.	Gloup	No.	%	No.	%	No.	%
1	<1	6	0.26	8	0.51	14	0.36
2	1-4	4	0.17	2	0.13	6	0.15
3	5-14	2	0.09	3	0.19	5	0.13
4	15-24	9	0.39	9	0.57	18	0.46
5	25-34	27	1.17	13	0.83	40	1.03
6	35-44	84	3.63	47	3.00	131	3.37
7	45-54	298	12.86	188	11.99	486	12.51
8	55-64	663	28.61	387	24.68	1050	27.03
9	65-69	359	15.49	259	16.52	618	15.91
10	70+	865	37.33	652	41.58	1517	39.05
11	N.S.	0	0.00	0	0.00	0	0.00
	Total	2317	100.00	1568	100.00	3885	100.00

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

The major group of 'Diseases of Respiratory System' is the fourth leading cause, responsible for 10.95% of the total Medically Certified Deaths. This is one of the main reasons for death among males. This has contributed to 11.64% of male and 9.78% of female of the respective total Medically Certified Deaths. Pneumonia and Chronic Obstructive Pulmonary Disease are the major diseases under this category. The distribution of chief constituents of the major cause group is given Table 3.23 and is presented in Chart 3.19.

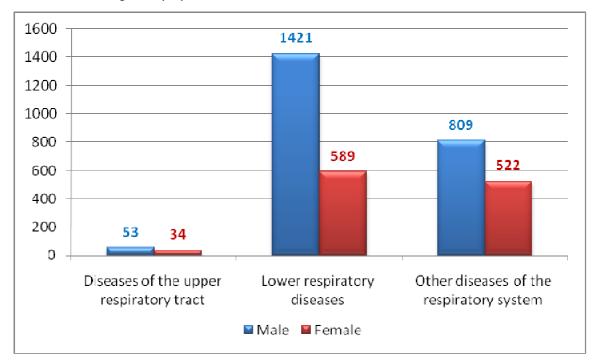
Table 3.23: Distribution of major causes of deaths among 'Diseases of the Respiratory System'

SI			S	ex		Total	
No.	Cause of Death	Male		Fei	male		
		No.	%	No.	%	No.	%
1	Lower respiratory diseases ( J20-J22 &	1 / 2 1	62.24	589	51.44	2010	58.63
1	J40-J47)	1421	02.24	269	31.44	2010	38.63
2	Other diseases of the respiratory	900	25 44	F22	45 50	1221	20.02
2	system (J10-J18,J60-J98)	809	35.44	522	45.59	1331	38.83
	Diseases of the upper respiratory		2.22	2.4	2.07	07	2.54
3	tract (J00-J06 & J30-J39)	53	2.32	34	2.97	87	2.54
	Total Medically Certified Deaths due						
	to 'Diseases Of The Respiratory	2283	100	1145	100	3428	100
	System'						
	Deaths due 'Diseases Of The						
	Respiratory System' as percentage to		11.64		9.78		10.95
	Total Medically Certified Deaths						

'Lower respiratory diseases' is the leading cause of death that has caused 58.63% out of every hundred reported deaths under the major cause group 'Diseases of Respiratory System'. Out of 2010 deaths happened in this group, 1421 were male (70.7%). Chronic Obstructive Pulmonary Disease (COPD) is the major cause, which constitute 53.21% of the deaths reported under 'Respiratory System Disease'. The percentage share of Chronic Obstructive Pulmonary Disease (COPD) to the total Medically Certified Deaths is 5.82%.

It is followed by 'Other Diseases of the Respiratory System', which includes 'Pneumonia' an inflammatory illness of the lung. 'Pneumonia' is one of the leading causes of death in this major group which constitutes about 20.01% of the deaths reported under 'Respiratory System Disease'. The total number of deaths reported under Pneumonia is 686. The percentage share of Pneumonia to the total Medically Certified Deaths is 2.19 %.

Chart 3.19: Age & Sex wise distribution of major causes of deaths among 'Diseases of the Respiratory System'.



The deaths due to 'Respiratory System Disease' are high among infants, then decreases in the age group '5-24'. From '45 and above' age, death increases. The age composition of deaths due to 'Diseases of Respiratory System' is highlighted in Chart 3.20 Table 3.24.

Chart 3.20: Age & Sex wise distribution of deaths due to 'Diseases of Respiratory System'.

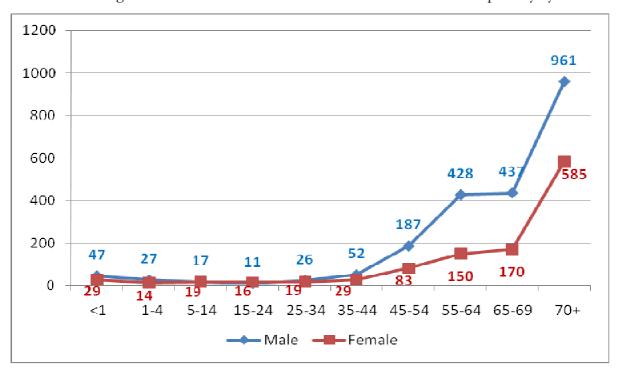


Table 3.24: Age & Sex wise distribution of deaths due to 'Diseases of Respiratory System'.

SI	A 00		Se		Total			
No.	Age Group	Male		Fe	male	Total		
110.	Group	No.	%	No.	%	No.	%	
1	<1	47	2.06	29	2.53	76	2.22	
2	1-4	27	1.18	14	1.22	41	1.20	
3	5-14	17	0.74	19	1.66	36	1.05	
4	15-24	11	0.48	16	1.40	27	0.79	
5	25-34	26	1.14	19	1.66	45	1.31	
6	35-44	52	2.28	29	2.53	81	2.36	
7	45-54	187	8.19	83	7.25	270	7.88	
8	55-64	428	18.75	150	13.10	578	16.86	
9	65-69	437	19.14	170	14.85	607	17.71	
10	70+	961	42.09	585	51.09	1546	45.10	
	Total	2283	100.00	1145	100.00	3428	100.00	

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

The major group comprising 'Diseases of Digestive system' is the fifth leading cause group, responsible for 7.38% of the total Medically Certified Deaths with 9.4% of male and 3.98% of female deaths. The male digestive disorder deaths are almost four times more than that of corresponding female figures. 79.83% 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 3.25 and is highlighted in Chart 3.21.

Table 3.25: Distribution of major causes of deaths due to 'Diseases of Digestive System'.

SI			Se	×		Та	otal
No	Cause of Death	Male		Fe	male	10	otai
•			%	No.	%	No.	%
1	Diseases of the liver	1560	84.60	315	67.60	1875	81.17
2	Peritonitis	66	3.58	39	8.37	105	4.55
3	Disorders of the pancreas '	60	3.25	17	3.65	77	3.33
4	Paralytic ileus and intestinal obstruction without hernia	32	1.74	24	5.15	56	2.42
5	All other diseases of the other parts of digestive system	78	4.23	45	9.66	123	5.32
6	Other Groups	46	2.49	26	5.58	74	3.20
	Total Medically Certified Deaths due to Diseases of Digestive System	1844	100.00	466	100.00	2310	100.00
	Deaths due to Diseases of Digestive System as percentage total medically certified deaths		9.40		3.98		7.38

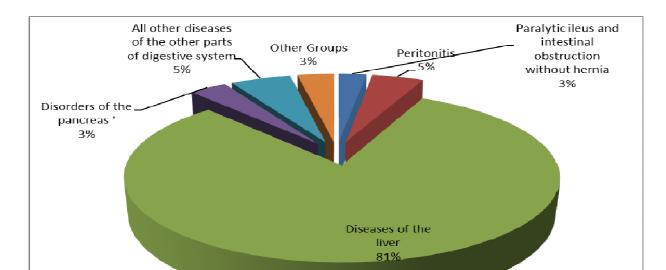


Chart 3.21: Distribution of major causes of deaths due to 'Diseases of Digestive System

Comparatively less number of deaths occurred below the age 25 for male and female. Starting from the age of 25, it shows very high increase in death rate for males with respect to age. As revealed from the Table 3.26 the highest share of deaths is reported for the age group '45-64'. The age composition of deaths due to 'Diseases of Digestive system' is presented in Table 3.26 and is highlighted in Chart 3.22.

Table 3.26: Age & Sex wise distribution of deaths due to 'Diseases of Digestive System'.

SI	<b>A</b> 222		Se	ex				
No.	Age Group	Ma	ale	Fen	nale	Total		
110.	Gloup	No.	%	No.	%	No.	%	
1	<1	6	0.33	7	1.50	13	0.56	
2	1-4	5	0.27	2	0.43	7	0.30	
3	5-14	7	0.38	7	1.50	14	0.61	
4	15-24	15	0.81	12	2.58	27	1.17	
5	25-34	67	3.63	21	4.51	88	3.81	
6	35-44	255	13.83	35	7.51	290	12.55	
7	45-54	515	27.93	62	13.30	577	24.98	
8	55-64	555	30.10	109	23.39	664	28.74	
9	65-69	186	10.09	55	11.80	241	10.43	
10	70+	233	12.64	156	33.48	389	16.84	
11	N.S.	0	0.00	0	0.00	0	0.00	
	Total	1844	100.00	466	100.00	2310	100.00	

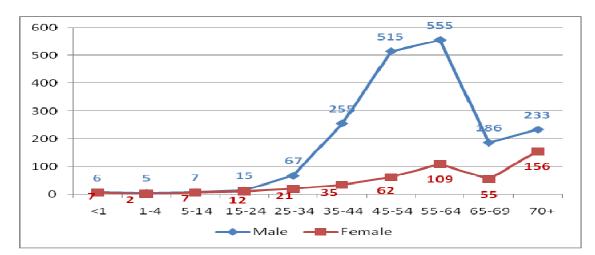


Chart 3.22: Age & Sex wise distribution of deaths due to 'Diseases of Digestive System'.

#### 3.5.1 Diseases of the liver

81.17% of cause of death under 'Diseases of Digestive System' is 'Diseases of the liver'. Out of 1875 death reported due to 'Diseases of the liver', 1560 were males (83.2%). This disease is the main cause of male deaths. The male deaths due to 'Diseases of the liver' contribute 4.98% of the total Medically Certified Deaths and are 7.95% of total Medically Certified Deaths of males.

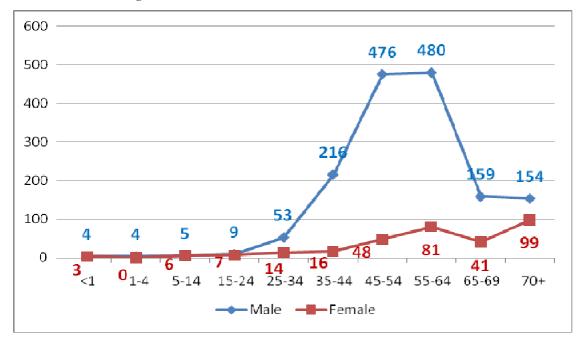
The age wise distribution of death due to disease of liver is shown in Table 3.27. Up to the age group of 0-24, the number of death of male and female are almost same, and then shows huge difference in deaths from the '25 and above' age. Maximum number of deaths was reported in the age group '55-64'. 85.32% of the male death in the age group '35-64' occurred due to this disease. This is highlighted in Chart 3.23 and Table 3.27.

Table 3.27: Age & Sex wise distribution of death due to 'Diseases of the liver'

	C1 A		Se	Total			
Sl No.	Age Group	Ma	ale	Female No. %		1 Otal	
1101	Стопр	No.	%			No.	%
1	<1	4	0.26	3	0.95	7	0.37
2	1-4	4	0.26	0	0.00	4	0.21
3	5-14	5	0.32	6	1.90	11	0.59
4	15-24	9	0.58	7	7 2.22		0.85
5	25-34	53	3.40	14	4.44	67	3.57

6	35-44	216	13.85	16	5.08	232	12.37
7	45-54	476	30.51	48	15.24	524	27.95
8	55-64	480	30.77	81	25.71	561	29.92
9	65-69	159	10.19	41	13.02	200	10.67
10	70+	154	9.87	99	31.43	253	13.49
11	N.S.	0	0.00	0	0.00	0	0.00
	Total	1560	100	315	100	1875	100

Chart 3.23: Age & Sex wise distribution of death due to 'Diseases of the liver'



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

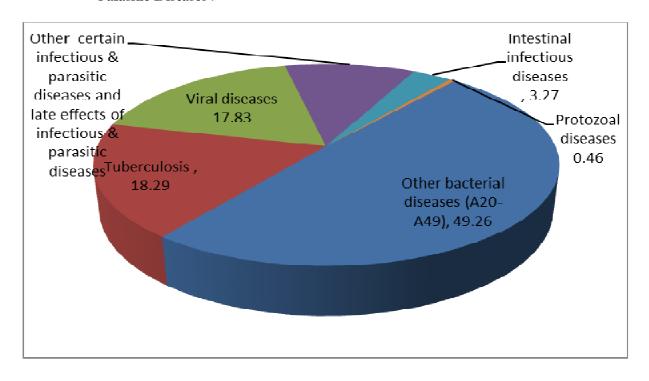
It is the sixth leading cause group of disease accounting for 6.93% of total Medically Certified Deaths, which constitute 6.96% of male and 6.88% of female medically certified deaths of their respective totals. Tuberculosis, Diarrhoea, Septicaemia, Human Immunodeficiency Virus [HIV] disease and Hepatitis are the major causes under this group. Around 24.24% of death under this group is due to Septicaemia and 18.3% is due to Tuberculosis. Out of 387 deaths occurred under the group 'Viral Diseases', 103 deaths is 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 3.24.

Table 3.28: Distribution of major causes of deaths among 'Certain Infectious and Parasitic Diseases'.

Sl			Se	ex		To	otal
No.	Cause of Death	M	[ale	Fe	male	10	
1,00		No.	%	No.	%	No.	%
1	Other bacterial diseases (A20-A49)	624	45.71	445	55.28	1069	49.26
2	Tuberculosis (A15-A19)	295	21.61	102	12.67	397	18.29
3	Viral diseases (A70-A74 & A80-B34)	232	17.00	155	19.25	387	17.83
4	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases ( A65-A69 & A75-A79,B35-B49,B65-B99)	167	12.23	67	8.32	234	10.78
5	Intestinal infectious diseases (A00-A09)	39	2.86	32	3.98	71	3.27
6	Protozoal diseases ( B50-B64)	6	0.44	4	0.50	10	0.46
7	Infections with a predominantly sexual mode of transmission (A50-A64)	2	0.15	0	0.00	2	0.09
	Total Medically Certified Deaths due to Certain Infectious and Parasitic Diseases		100	805	100	2170	100
	Deaths due to Certain Infectious and Parasitic Diseases as percentage to total medically certified deaths		6.96		6.88		6.93

Chart 3.24: Percentage distribution of medically certified deaths due to 'Certain Infectious & Parasitic Diseases'.

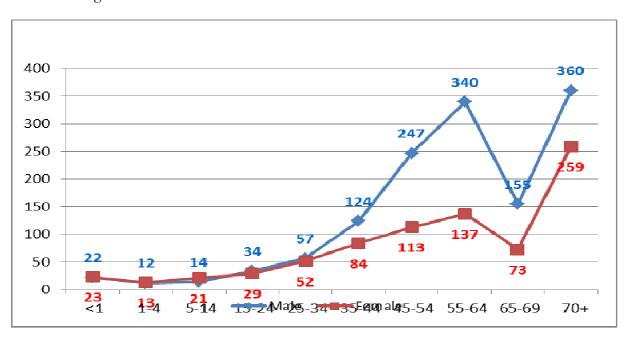


The age and sex wise distribution of medically certified deaths due to 'Certain Infectious and Parasitic Diseases' has been given below in Table 3.29 and is presented in Chart 3.25.

Table 3.29: Age & Sex wise distribution of deaths due to 'Certain Infectious and Parasitic Diseases'.

0.1	·		Se	x		Та	tal
S1 No.	Age Group	M	ale	Fen	nale	10	otai
140.	Gloup	No.	%	No.	%	No.	%
1	<1	22	1.61	23	2.86	45	2.07
2	1-4	12	0.88	13	1.61	25	1.15
3	5-14	14	1.03	21	2.61	35	1.61
4	15-24	34	2.49	29	3.60	63	2.90
5	25-34	57	4.18	52	6.46	109	5.02
6	35-44	124	9.08	84	10.43	208	9.59
7	45-54	247	18.10	113	14.04	360	16.59
8	55-64	340	24.91	137	17.02	477	21.98
9	65-69	155	11.36	73	9.07	228	10.51
10	70+	360	26.37	259	32.17	619	28.53
11	N.S.	0	0.00	1	0.12	1	0.05
	Total	1365	100.00	805	100.00	2170	100.00

Chart 3.25: Age & Sex wise distribution of deaths due to 'Certain Infectious & Parasitic Diseases'.



### 3.6.1 Septicaemia.

Among 'Certain Infectious and Parasitic Diseases', the group 'Other bacterial diseases' is the highest reported medically certified cause of mortality, constituting around 49.26% of deaths, in which 49.20% is due to 'Septicaemia'. 1.68% of total Medically Certified Death is due to 'Septicaemia'. Out of 526 deaths reported under 'Septicaemia', 300 were male (57.03%). Number of deaths was more for infants and for '45 years and above'. Maximum deaths were reported in the age group '55-64'. This is given below in Table 3.30.

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

			SI	ΞX		T	. 1
Sl No.	Age Group	M	ale	Fen	nale	10	tal
		No.	%	No.	%	No.	%
1	<1	7	2.33	9	3.98	16	3.04
2	1-4	3	1.00	5	2.21	8	1.52
3	5-14	4	1.33	3	1.33	7	1.33
4	15-24	7	2.33	6	2.65	13	2.47
5	25-34	6	2.00	14	6.19	20	3.80
6	35-44	20	6.67	8	3.54	28	5.32
7	45-54	40	13.33	28	12.39	68	12.93
8	55-64	69	23.00	41	18.14	110	20.91
9	65-69	25	8.33	21	9.29	46	8.75
10	70+	119	39.67	91	40.27	210	39.92
11	N.S.	0	0.00	0	0.00	0	0.00
	Total	300	100	226	100	526	100

#### 3.6.2 Tuberculosis

Among 'Certain Infectious and Parasitic Diseases', the group 'Tuberculosis' is the second highest reported medically certified cause of mortality, constituting around 18.29% in which, 77.33% is due to 'Respiratory Tuberculosis'. 'Respiratory Tuberculosis' deaths in males are 80.78% as against 19.22% of females.

### 3.6.3 Human Immunodeficiency Virus [HIV]

17.83% of death under the group 'Certain Infectious and Parasitic Diseases' is due to 'Viral diseases', in which Human Immunodeficiency Virus [HIV] disease cause 26.61% of death. Out of 103 deaths under HIV, 64 were males. More deaths were reported in the age group '35-44', which is 45.63% of death due to HIV. Age wise distribution of death due to 'Human Immunodeficiency Virus [HIV]' has been given below in Table 3.31.

Table 3.31: Age & Sex wise distribution of death due to 'Human Immunodeficiency Virus [HIV]'.

			SE	EX		77	
Sl No.	Age	Ma	ale	Fen	nale	To	tal
100.	Group	No.	%	No.	%	No.	%
1	<1	0	0.00	1	2.56	1	0.97
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	1	1.56	1	2.56	2	1.94
4	15-24	1	1.56	1	2.56	2	1.94
5	25-34	6	9.38	6	15.38	12	11.65
6	35-44	29	45.31	18	46.15	47	45.63
7	45-54	18	28.13	7	17.95	25	24.27
8	55-64	9	14.06	4	10.26	13	12.62
9	65-69	0	0.00	1	2.56	1	0.97
10	70+	0	0.00	0	0.00	0	0.00
11	N.S.	0	0.00	0	0.00	0	0.00
	Total	64	100	39	100	103	100

### 3.6.4 Hepatitis B

In the group 'Viral diseases', second leading cause is 'Acute Hepatitis B' (21.19%), next is 'Other viral hepatitis' (14.73%) and 'Dengue fever' (11.63%). Out of the 'Viral Diseases' deaths, maximum death is due to Hepatitis B. The age wise distribution of deaths due to Hepatitis B is given below. 67.07% of death was males. 69.51% of deaths reported in the age group '35-64' and maximum number of deaths was in the age group '55-64' (35.37%). This is shown in Table 3.32.

Table 3.32: Age & Sex wise distribution of death due to 'Hepatitis B'

			SE	EX		To	. 1
Sl No.	Age Group	Ma	ale	Fen	nale	10	tai
	1	No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	1	1.82	1	3.70	2	2.44
4	15-24	1	1.82	0	0.00	1	1.22
5	25-34	2	3.64	1	3.70	3	3.66
6	35-44	4	7.27	5	18.52	9	10.98
7	45-54	16	29.09	3	11.11	19	23.17
8	55-64	24	43.64	5	18.52	29	35.37
9	65-69	2	3.64	4	14.81	6	7.32
10	70+	5	9.09	8	29.63	13	15.85
11	N.S.	0	0.00	0	0.00	0	0.00
	Total	55	100	27	100	82	100

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

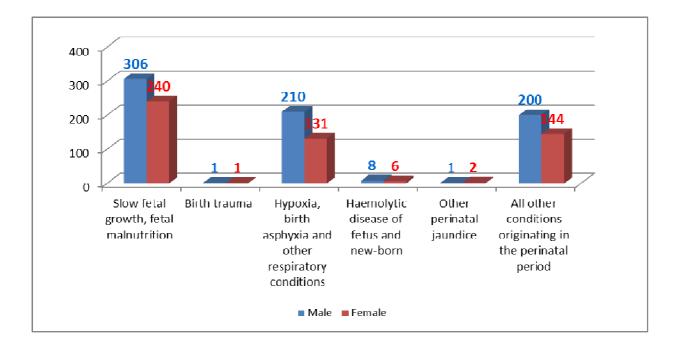
The major group of 'Certain Conditions Originating in the Perinatal Period' is the leading cause of Infant deaths, responsible for 3.99% of the total Medically Certified Deaths. This has contributed to 3.7% of male and 4.49% of female deaths of the total Medically Certified Deaths. 'Slow Foetal Growth, Foetal Malnutrition', 'Hypoxia, Birth Asphyxia and other respiratory conditions' are the main causes of death occurred in the perinatal period (below one year). 58.03% of deaths due to this cause were males.

Table 3.33: Distribution of Major Causes of deaths among 'Certain Conditions Originating in the Perinatal Period'

SI			Se		Total			
No	Cause of Death	Male		Fe	male	Total		
110		No.	%	No	%	No	%	
1	Slow foetal growth, foetal malnutrition and immaturity	306	42.1 5	24 0	45.80	546	43.6 5	
2	Hypoxia, birth asphyxia and other respiratory conditions	210	28.9 3	13 1	25.00	341	27.2 6	

3	Haemolytic disease of foetus and new- born	8	1.10	6	1.15	14	1.12
4	Other perinatal jaundice	1	0.14	2	0.38	3	0.24
5	Birth trauma	1	0.14	1	0.19	2	0.16
6	All other conditions originating in the perinatal period	200	27.5 5	14 5	27.48	345	27.5 8
	Total Medically Certified Deaths due to Certain Conditions Originating in the Perinatal Period	726	100	52 5	100	1251	100

Chart 3.30: Distribution of major causes of deaths among 'Certain Conditions Originating in the Perinatal Period'.



### 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 responsible for 3.76% of total Medically Certified Deaths. This has caused 4.6% and 2.35% of male and female deaths against the total medically certified deaths. Three fourth of deaths under this category are males.

Under this cause group 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves' alone have contributed to 49.75% of the total deaths which is followed by 'Poisonings by drugs and biological substances and toxic effects of substances chiefly non-medicinal as to source' (18.59%) with 150 males and 69 female deaths, and then 'Burns and Corrosions' (7.56%). Death due to Burns and corrosions among females is 74.16% as compared to 25.84% among males. The distribution of main 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 3.31.

Table 3.34: Distribution of major causes of deaths among 'Injury, Poisoning and Certain Other Consequences of External Causes'

01			Se	ex		Total		
Sl No.	Cause of Death	M	[ale	Fei	male	10	tai	
140.		No.	%	No.	%	No.	%	
1	Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves	506	56.04	80	29.09	586	49.75	
2	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source	150	16.61	69	25.09	219	18.59	
3	Late effects of injuries, of poisoning and of other consequences of external causes	82	9.08	14	5.09	96	8.15	
4	Burns and Corrosions	23	2.55	66	24.00	89	7.56	
5	Other and unspecified effects of external causes and certain early complications of trauma	33	3.65	14	5.09	47	3.99	
6	Complications of Surgical and Medical care, not elsewhere classified	16	1.77	3	1.09	19	1.61	
7	Other Groups	93	10.30	29	10.55	122	10.35	
	Total Medically Certified Deaths due to Injury, Poisoning And Certain Other Consequences Of External Causes		100	275	100	1178	100	
	Deaths due To Injury, Poisoning And Certain Other Consequences Of External Causes as percentage to total medically certified deaths		4.60		2.35		3.76	

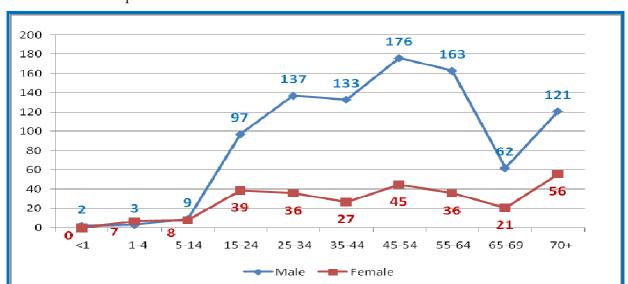


Chart 3.31: Age & Sex wise distribution of deaths due to 'Injury, Poisoning and Certain Other Consequences of External Causes'.

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

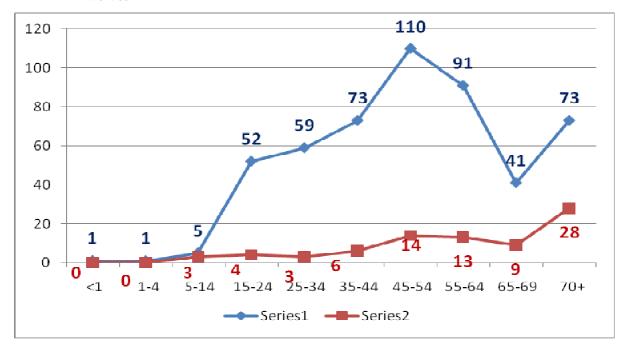
The External causes like Road Accidents, Suicides and Falls are the main reason for the death under the cause 'Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'. 86.35% of the deaths under the external cause are males. That is four out of five deaths are males. Due to this external cause, one male death out of ten are happening under the age group '15-24', '25-34', '35-44', and two male deaths out of ten are happening under the age group '45-54' and '55-64'. The age wise distribution of deaths under this cause are given in Table 3.35 and depicted in Chart 3.32.

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'.

C1	A ~~		Se	Total				
S1 No.	Age Group	Ma	Male Female		nale	Totai		
140.	Group	No.	%	No.	No. %		%	
1	<1	1	0.20	0	0.00	1	0.17	
2	1-4	1	0.20	0	0.00	1	0.17	
3	5-14	5	0.99	3	3.75	8	1.37	
4	15-24	52	10.28	4	5.00	56	9.56	

5	25-34	59	11.66	3	3.75	62	10.58
6	35-44	73	14.43	6	7.50	79	13.48
7	45-54	110	21.74	14	17.50	124	21.16
8	55-64	91	17.98	13	16.25	104	17.75
9	65-69	41	8.10	9	11.25	50	8.53
10	70+	73	14.43	28	35.00	101	17.24
11	N.S.	0	0.00	0	0.00	0	0.00
	Total	506	100	80	100	586	100

Chart 3.32: Age& Sex wise distribution of deaths due to 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'



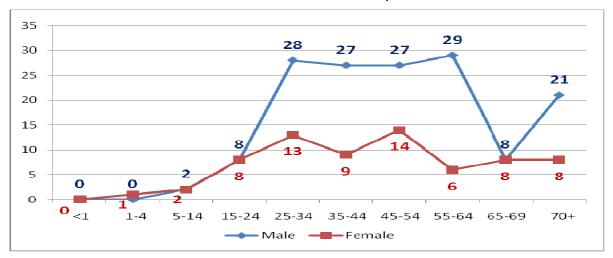
### 3.8.2 Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source.

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. 68.5% of deaths under this cause were males. For males, high death rate is happening in the age group '25-64' which is 74% of the total male death under this cause. The age wise distribution of deaths under this cause are given in Table 3.36 and depicted in Chart 3.33.

Table 3.36: Age & Sex wise distribution of deaths due to 'Poisonings by drugs & biological substances; and Toxic effects of substances chiefly no medicinal as to source'.

C1	<b>A</b>		Se	ex		Та	tal
Sl No.	Age Group	M	ale	Fen	nale	10	iai
140.	Gloup	No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	1	1.45	1	0.46
3	5-14	2	1.33	2	2.90	4	1.83
4	15-24	8	5.33	8	11.59	16	7.31
5	25-34	28	18.67	13	18.84	41	18.72
6	35-44	27	18.00	9	13.04	36	16.44
7	45-54	27	18.00	14	20.29	41	18.72
8	55-64	29	19.33	6	8.70	35	15.98
9	65-69	8	5.33	8	11.59	16	7.31
10	70+	21	14.00	8	11.59	29	13.24
11	N.S.	0	0.00	0	0.00	0	0.00
	Total	150	100	69	100	219	100

Chart 3.33: Age & Sex wise distribution of deaths due to 'Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedical as to source'



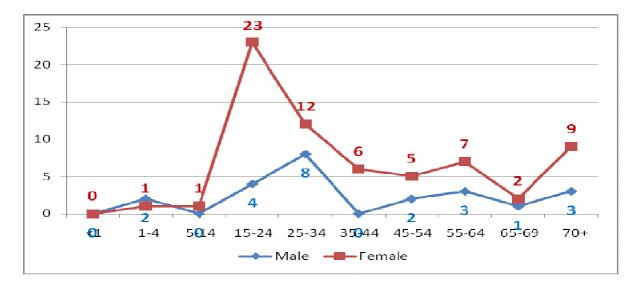
#### 3.8.3 Burns and Corrosions

The external causes like Suicides and Accidents are the main reason for the death under 'Burns and Corrosions'. Under the cause, 74.16% were female deaths. 53% of the female deaths due this cause are happening during the age group '15-34'. Maximum female deaths were reported in the age group '15-24' (34.85%). The age wise distribution of deaths under this cause are given in Table 3.37 and depicted in Chart 3.34.

Table 3.37: Age & Sex wise distribution of deaths due to 'Burns and Corrosions'.

			Se	ex		-	
SlNo.	Age Group	N	<b>Iale</b>	Fe	male	Т	otal
	Group	No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	2	8.70	1	1.52	3	3.37
3	5-14	0	0.00	1	1.52	1	1.12
4	15-24	4	17.39	23	34.85	27	30.34
5	25-34	8	34.78	12	18.18	20	22.47
6	35-44	0	0.00	6	9.09	6	6.74
7	45-54	2	8.70	5	7.58	7	7.87
8	55-64	3	13.04	7	10.61	10	11.24
9	65-69	1	4.35	2	3.03	3	3.37
10	70+	3	13.04	9 13.64		12	13.48
	Total	23	100	66	100	89	100

Chart 3.34 Age & Sex wise distribution of deaths due to 'Burns and Corrosions'



#### 3.8.4 Snake Bite

Out of 219 deaths under 'Poisoning', 30 deaths occurred due to snake bite, in which 56.66% were male deaths.

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

The major group comprising 'Diseases of the Genitourinary System' is the ninth leading cause group, responsible for 2.65% of the total Medically Certified Deaths with 2.6% of male and 2.74% of female deaths to their respective total Medically Certified Deaths. The percentage of male deaths to total death under this group is 61.37%.

Under this cause group 43.68% of death is due to 'Renal failure'. Out of 363 deaths due to 'Renal failure', 237 were males which is 65.29%.

The second leading cause under this category 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 the 195 deaths reported due to Glomerular disease, 132 were male. (67.7%).

'All other diseases of urinary system' is the next leading cause representing 17.69% of the deaths under this group.

The distribution of major causes of deaths under this group is given in the Table 3.38 and is highlighted in Chart 3.35.

Table 3.38: Distribution of major causes of deaths among 'Diseases of the Genitourinary System'

SI				SI	EX		
No	CAUSE OF DEATH	M			male		otal
110		No.	%	No.	%	No.	%
1	Renal failure	237	46.47	126	39.25	363	43.68
2	Glomerular diseases (including Nephritic Syndrome)	132	25.88	63	19.63	195	23.47
3	All other diseases of urinary system	60	11.76	87	27.10	147	17.69
4	Other disorders of kidney and ureter	38	7.45	28	8.72	66	7.94
5	Renal tubule-interstitial diseases	28	5.49	11	3.43	39	4.69
6	Hyperplasia of prostate	9	1.76	0	0.00	9	1.08
7	Urolithiasis	3	0.59	2	0.62	5	0.60
8	All other Causes	3	0.59	4	1.25	7	0.84
	Total Medically Certified Deaths due to DISEASES OF THE GENITOURINARY SYSTEM	510	100	321	100	831	100
	Deaths due to DISEASES OF THE GENITOURINARY SYSTEM as percentage to total medically certified deaths		2.60		2.74		2.65

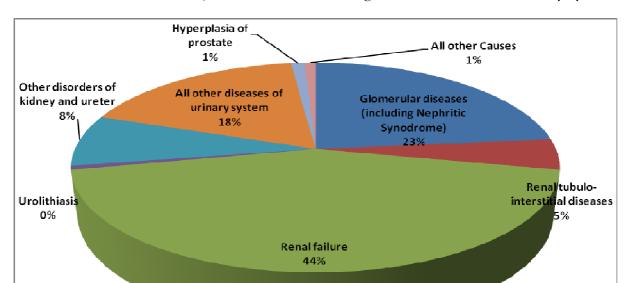


Chart 3.35: Distribution of major causes of deaths among 'Diseases of the Genitourinary System'

The age wise distribution of death among 'Diseases of the Genitourinary System' is shown below. The death rate increases with age and is significantly high 'above 45'. Above the age 45 the death is reported is 85.08%. The age wise distribution of deaths under this cause are given in Table 3.39 and depicted in Chart 3.36.

Table 3.39: Age & Sex wise distribution of major causes of deaths among 'Diseases of the Genitourinary System'

01				SEX			
S1 No	Age Group	Ma	ıle	Fem	ale	To	otal
110		No.	%	No.	%	No.	%
1	<1	2	0.39	1	0.31	3	0.36
2	1-4	2	0.39	2	0.62	4	0.48
3	5-14	6	1.18	4	1.25	10	1.20
4	15-24	12	2.35	8	2.49	20	2.41
5	25-34	18	3.53	14	4.36	32	3.85
6	35-44	29	5.69	26	8.10	55	6.62
7	45-54	83	16.27	30	9.35	113	13.60
8	55-64	111	21.76	56	17.45	167	20.10
9	65-69	94	18.43	60	18.69	154	18.53
10	70+	153	30.00	120	37.38	273	32.85
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL	510	100.00	321	100.00	831	100.00

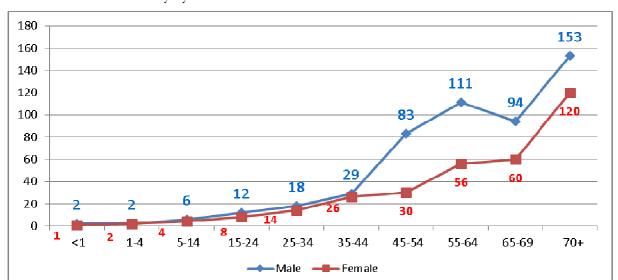


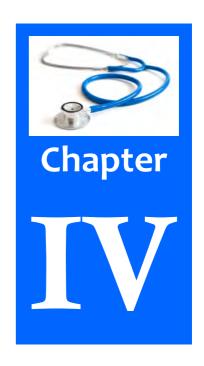
Chart 3.36: Age & Sex wise distribution of major causes of deaths among 'Diseases of the Genitourinary System'

### 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, 2327 deaths (7.43%) are coming in this group in which 1274 were males and 1053 were females.

Table 3.40: Distribution of causes of deaths under 'Other Groups'

S1				S	EX		
No	CAUSE OF DEATH	M	ale	Fer	nale	То	tal
110		No	%	No	%	No	%
1	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	358	1.83	312	2.67	670	2.14
2	Congenital malformations, deformations and chromosomal abnormalities ( Q00-Q99)	377	1.92	261	2.23	638	2.04
3	Diseases of the nervous system ( G00-G98)	251	1.30	192	1.64	443	1.41
4	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism ( D50-D89)	154	0.79	141	1.20	295	0.94
5	Diseases of the musculoskeletal system and connective tissue ( M00-M99)	37	0.19	80	0.68	117	0.37
6	Diseases of the skin and subcutaneous tissue (I00-I98)	63	0.32	31	0.26	94	0.30
8	Mental and behavioural disorders ( F01-F99)	33	0.17	6	0.05	39	0.12
7	Pregnancy, childbirth and the puerperium ( O00-O99)	0	0.00	29	0.25	29	0.09
9	Diseases of the ear and mastoid process (H60-H95)	1	0.01	0	0	1	0.003
10	Diseases of the eye and adnexa (H00-H59)	0	0	1	0.009	1	0.003
	Total Medically Certified Deaths due to other groups	1274	6.50	1053	9.00	2327	7.43



# 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)



## SPECIFIC CAUSE OF MORTALITY IN DIFFERENT AGE GROUPS

### 1. Infants:

Out of the total Medically Certified Deaths, around 6.4% has been reported for the Infants (children who could not complete their first birthday). The shares of male and female deaths to the corresponding totals of medically certified deaths are 5.92% and 7.19% respectively. Out of 2004 deaths under one year, 1162 were male (57.98%).

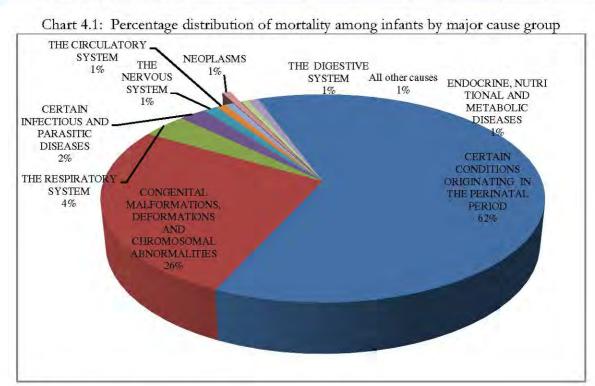
The maximum incidence of death under this age group (62.38%) has been reported to be caused by 'Certain conditions originating in the perinatal period', which includes diseases 'Slow foetal growth, foetal Malnutrition and immaturity' (43.68%), 'Hypoxia, birth asphyxia and other respiratory conditions' (27.28%). The second leading cause of death in infants is 'Congenital Malformations, Deformations & Chromosomal Abnormalities' (26.60%) of which 'Congenital Malformations of the Circulatory System' (48.78%) is the major constituent. 'Diseases of the respiratory system' contribute about 3.79% of the total infant deaths of which 92.11% is due to Pneumonia. 'Certain infectious and parasitic diseases' contribute about 2.25% of the total infant deaths of which 35.56% due to Septicaemia. 1.25% of the total infant death is due to 'Diseases of the circulatory system' and 0.85% due to 'Neoplasm'. 'Diseases of the Nervous System' contribute to about 0.70% of which 71.42% is due to Meningitis.

The distribution of mortality among infants by major cause groups has been given in Table 4.1 and is highlighted in Chart 4.1.

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

M.G/	4 42 45.5m	SEX							
CAT /S.C	CAUSE OF DEATH	M	ale	Fe	male	Total			
73.0		No	%	No.	%	% No.	%		
I	Certain conditions originating in the perinatal period	726	62.48	524	62.23	1250	62.38		
II	Congenital malformations, deformations and chromosomal abnormalities	319	27.45	214	25.42	533	26.60		

Ш	Diseases of the respiratory system	47	4.04	29	3.44	76	3.79
IV	Certain infectious and parasitic diseases	22	1.89	23	2.73	45	2.25
V	Diseases of the nervous system	10	0.86	15	1.78	25	1.25
VI	Diseases of the circulatory system	3	0.26	14	1.66	17	0.85
VII	Endocrine, nutritional and metabolic diseases	6	0.52	8	0.95	14	0.70
VIII	Neoplasms	10	0.86	4	0.48	14	0.70
IX	Diseases of the digestive system	6	0.52	7	0.83	13	0.65
X	All other causes	13	1.12	4	0.48	17	0.85
	ALL CAUSES ( MAJOR GROUP I to XIX)	1162	100	842	100	2004	100
	Deaths in the age group <1 year as % to total Medically certified Deaths		5.92		7.19		6.40



### 2. Children aged 1-4 year:

Out of the total Medically Certified Deaths, 0.71% has been reported from this age-group. It accounts for 0.59% male and 0.91% female deaths out of the respective total medically certified deaths. Out of 221 deaths in the age group '1-4', 115 were males (52.04%).

The main cause of death under the age group '1-4' is 'Neoplasm' which represents 20.36% out of the total deaths reported under this group. Out of the total 'Neoplasm' deaths 62.22% is due to 'Leukaemia'. 'Diseases of the Respiratory System' is the second highest cause responsible for 18.55% of deaths in this age group. 'Pneumonia' and 'All other Diseases of the Respiratory System' taken together causes about 82.93% of the total deaths under this cause group. 'Congenital Malformations, Deformations and Chromosomal Abnormalities' rank third, constituting 17.19% of total medically certified deaths in the age group. 'Congenital Malformations of the Circulatory System' is the main cause contributes around 52.63% of the deaths in 'Congenital Abnormalities' group. 'Certain infectious and parasitic diseases' 11.31% and 'Diseases of the nervous system' 9.95% are the other major cause of death under this age group.

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.

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

M.G/			SI	EX			
CAT.	CAUSE OF DEATH	M	ale	Fen	nale	I	otal
/S.C		No.	%	No.	%	No.	%
I	Neoplasms	24	20.87	21	19.81	45	20.36
П	Diseases of the respiratory system	27	23.48	14	13.21	41	18.55
Ш	Congenital malformations, deformations and chromosomal abnormalities	15	13.04	23	21.70	38	17.19
IV	Certain infectious and parasitic diseases	12	10.43	13	12.26	25	11.31
V	Diseases of the nervous system	13	11.30	9	8.49	22	9.95
VI	Diseases of the circulatory system	5	4.35	9	8.49	14	6.33
VII	Injury, poisoning and certain other consequences of external causes	3	2.61	7	6.60	10	4.52
VIII	Diseases of the digestive system	5	4.35	2	1.89	7	3.17
IX	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism ( d50-d89)	3	2.61	3	2.83	6	2.71
X	Endocrine, nutritional and metabolic diseases	4	3.48	2	1.89	6	2.71
XI	All other causes	4	3.48	3	2.83	7	3.17
	ALL CAUSES ( MAJOR GROUP 1 to X1X)	115	100	106	100	221	100
	Deaths in the age group 1-4 year as percentage to total Medically certified Deaths-		0.59		0.91		0.71

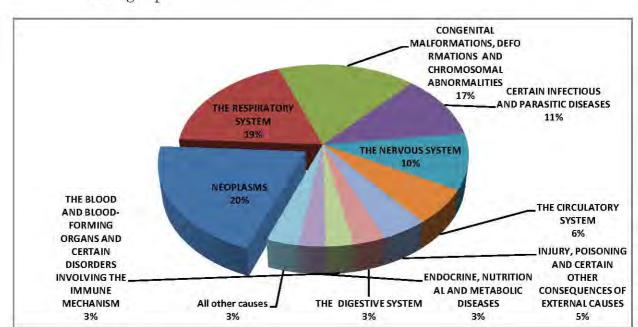


Chart 4.2: Percentage distribution of mortality among children in the age group '1-4' by major cause group

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

The share of this age group in the total medically certified deaths is 1.04%. It accounts for 0.9% of males and 1.28% of female deaths in their respective total medically certified deaths. Out of 327 deaths in the age group '5-14', 177 were males (54.13%).

Of the total reported deaths under this age group, the share of 'Neoplasm' is 27.22%, which is the major cause of death, of which 58.43% is due to 'Leukaemia'. This is followed by 'Diseases of the circulatory system' (12.54%), 'Diseases of Respiratory System' (11.01%), 'Certain infectious and parasitic diseases' (10.7%), 'Diseases of the nervous system' (8.26%), 'Congenital Malformation, Deformation & Chromosomal Abnormalities' (6.73%) and 'Injury, poisoning and certain other consequences of external causes' (5.2%), 'Diseases of the blood and blood-forming organs and Certain disorders involving the immune mechanism' (4.59%), and 'Diseases of the digestive system' (4.28%), 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/			S	EX			
CAT. /S.C	CAUSE OF DEATH	N	Male	Fer	nale	Т	otal
		No.	%	No.	%	No.	%
Ų	Neoplasms	57	32.20	32	21.33	89	27.22
11	Diseases of the circulatory system	24	13,56	17	11.33	41	12.54
111	Diseases of the respiratory system	17	9.60	19	12.67	36	11.03
IV	Certain infectious and parasitic diseases	14	7.91	21	14.00	35	10.70
v	Diseases of the nervous system	12	6.78	15	10.00	27	8.20
VI	Congenital malformations, deformations and chromosomal abnormalities	15	8.47	7	4.67	22	6.73
VII	Injury, poisoning and certain other consequences of external causes	9	5.08	8	5.33	17	5.20
VIII	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism ( d50-d89)	6	3.39	9	6.00	15	4.59
IX	Diseases of the digestive system	7	3.95	7	4.67	14	4.28
X	Diseases of the genitourinary system	6	3.39	4	2.67	10	3.00
ΧI	Diseases of the musculoskeletal system and connective tissue	3	1.69	6	4.00	9	2.7!
XII	All other causes	7	3.95	5	3.33	12	3.6
	ALL CAUSES ( MAJOR GROUP 1 to X1X)	177	100	150	100	327	10
	Deaths in the age group 5-14 year as percentage to total Medically certified Deaths-		0.90		1.28		1.04

THE CIRCULATORY
SYSTEM
12%

CERTAIN INFECTIOUS
AND PARASITIC
DISEASES
11%

NEOPLASMS
27%.

THE NERVOUS SYSTEM
8%

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

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

THE DIGESTIVE

SYSTEM

4%

THE

MUSCULOSKELETAL

SYSTEM AND

CONNECTIVE TISSUE

THE

**GENITOURINARY** 

**SYSTEM** 

All other causes

This age group has contributed 1.68% of the total medically certified deaths. It accounts for 1.53% of males and 1.93% of female deaths in their respective total of medically certified deaths. Out of 527 deaths in the age group '15-24', 301 were males (57.12%).

THE BLOOD AND

ORGANS AND CERTAIN

THE IMMUNE

MECHANISM (D50-

D89)

5%

DISORDERS INVOLVING INJURY, POISONING

AND CERTAIN OTHER

**CONSEQUENCES OF** 

**EXTERNAL CAUSES** 

The category consisting of 'Injury, Poisoning & Certain Other Consequences of External Causes', has caused the maximum 25.81% of total deaths reported under this age-group. Of the total reported deaths under this age group, the share of 'Neoplasms' is 15.18% is the second major cause of death, of which 52.5% is due to 'Leukaemia'. 'Diseases of Circulatory System' and 'Certain Infectious and Parasitic Diseases' are the other leading causes of deaths, accounting for 12.71% and 11.95% of deaths respectively.

CONGENITAL

MALFORMATIONS, DEF

ORMATIONS AND

CHROMOSOMAL

**ABNORMALITIES** 

7%

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/			SI				
CAT.	CAUSE OF DEATH	M	<b>fale</b>	Fe	male	T	otal
/S.C		No.	%	No.	%	No.	%
I	Injury, poisoning and certain other consequences of external causes	97	32.23	39	17.26	136	25.81
II	Neoplasms	48	15.95	32	14.16	80	15.18
Ш	Diseases of the circulatory system	37	12.29	30	13.27	67	12.71
IV	Certain infectious and parasitic diseases	34	11.30	29	12.83	63	11.95
V	Diseases of the respiratory system	11	3.65	16	7.08	27	5.12
VI	Diseases of the digestive system	15	4.98	12	5.31	27	5.12
VII	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism ( d50-d89)	10	3.32	10	4.42	20	3.80
VIII	Diseases of the genitourinary system	12	3.99	8	3.54	20	3.80
IX	Congenital malformations, deformations and chromosomal abnormalities	13	4.32	6	2.65	19	3.61
X	Endocrine, nutritional and metabolic diseases	9	2.99	9	3.98	18	3.42
ΧI	Diseases of the nervous system	9	2.99	9	3.98	18	3.42
XII	All other causes	6	1.99	26	11.50	32	6.07
	ALL CAUSES (MAJOR GROUP I to X1X)	301	100	226	100	527	100
	Deaths in the age group 15-24 year as percentage to total Medically certified Deaths.		1.53		1.93		1.68

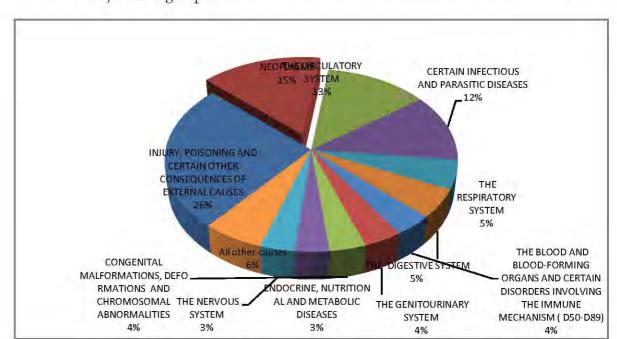


Chart 4.4: Percentage distribution of medically certified deaths in the age group '15 -24' by major cause groups

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

This age group has constituted around 2.93% of total medically certified deaths. It accounts for 2.88% of males and 3.03% of female deaths in their respective total medically certified deaths. Out of 919 deaths in the age group '25-34', 564 were males (61.37%).

A significant percentage of deaths reported were due to 'Injury, Poisoning & Certain Other Consequences of External Causes' (18.82%). Under this cause the number of male death is very much more than female deaths (79.19%). The next leading cause in this age group is 'Diseases of the Circulatory System' (16.76%) followed by 'Neoplasm'(14.80%). The other major determinants of deaths are 'Certain Infectious and Parasitic Diseases' (11.86%), 'Diseases of the digestive system' (9.58%), and 'Diseases of the respiratory system' (4.90%).

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/		SEX							
CAT./	CAUSE OF DEATH	М	ale	Fe	male	Т	otal		
S.C		No.	%	No.	%	No.	%		
I	Injury, poisoning and certain other consequences of external causes	137	24.3	36	10.14	173	18.82		
II	Diseases of the circulatory system	95	16.8	59	16.62	154	16.76		
Ш	Neoplasms	77	13.7	59	16.62	136	14.80		
IV	Certain infectious and parasitic diseases	57	10.1	52	14.65	109	11.86		
V	Diseases of the digestive system	67	11.9	21	5.92	88	9.58		
VI	Diseases of the respiratory system	26	4.6	19	5.35	45	4.90		
VII	Endocrine, nutritional and metabolic diseases	27	4.8	13	3.66	40	4.35		
VIII	Diseases of the nervous system	17	3.0	17	4.79	34	3.70		
IX	Diseases of the genitourinary system	18	3.2	14	3.94	32	3.48		
X	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	18	3.2	11	3.10	29	3.16		
XI	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (d50-d89)	10	1.8	14	3.94	24	2.61		
XII	Pregnancy, childbirth and the puerperium	0	0.0	20	5.63	20	2.18		
XIII	All other causes	15	2.7	20	5.63	35	3.81		
	ALL CAUSES (MAJOR GROUP I to X1X)	564	100	355	100	919	100		
	Deaths in the age group 5-14 year as percentage to total Medically certified Deaths-		2.88		3.03		2.93		

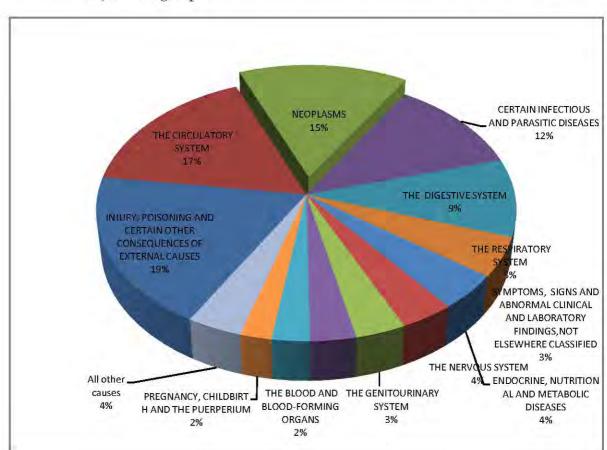


Chart 4.5: Percentage distribution of medically certified deaths in the age group '25-34' by major cause groups

# 6. Persons aged 35-44 years:

The overall contribution of this age-group in total medically certified deaths is 5.73%. It accounts for 6.01% of males and 5.25% of female deaths in their respective total medically certified deaths. Out of 1793 deaths in the age group '35-44', 1178 were males (65.7%).

A significant percentage of deaths have been reported due to 'Neoplasm' (20.75%). The second leading cause in this age group is 'Diseases of the Circulatory System' (20.47%). Number of male death is more than female under this cause (64.58%). This is followed by 'Diseases of Digestive System' (16.17%), 'Certain Infectious and Parasitic Diseases' (11.06%), 'Injury, Poisoning and Certain Other Consequences of External Causes' (8.92%), and 'Endocrine, nutritional and metabolic diseases' (7.31%).

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.

		SEX						
M.G/ CAT./ S.C	CAUSE OF DEATH	М	ale	Fei	male	To	Total	
0.0		No.	%	No.	%	No.	%	
I	Neoplasms	190	16.13	182	29.59	372	20.75	
П	Diseases of the circulatory system	237	20.12	130	21.14	367	20.47	
Ш	Diseases of the digestive system	255	21.65	35	5.69	290	16.17	
IV	Certain infectious and parasitic diseases	124	10.53	84	13.66	208	11.60	
V	Injury, poisoning and certain other consequences of external causes	133	11.29	27	4.39	160	8.92	
VI	Endocrine, nutritional and metabolic diseases	84	7.13	47	7.64	131	7.31	
VII	Diseases of the respiratory system	52	4.41	29	4.72	81	4.52	
VIII	Diseases of the genitourinary system	29	2.46	26	4,23	55	3.07	
IX	Diseases of the nervous system	23	1.95	13	2.11	36	2.01	
X	All other causes	51	4.33	42	6.83	93	5.19	
	ALL CAUSES (MAJOR GROUP I to X1X)	1178	100	615	100	1793	100	
	Deaths in the age group 5-14 year as percentage to total Medically certified Deaths-		6.01		5.25		5.73	

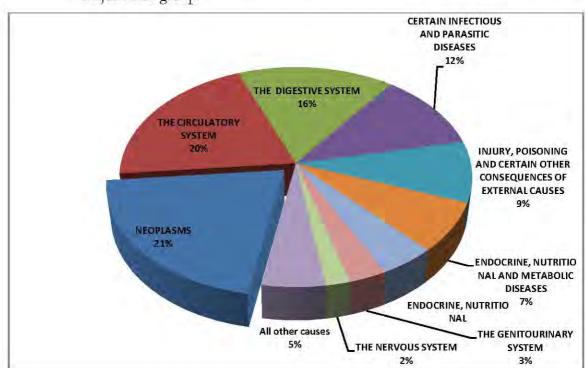


Chart 4.6: Percentage distribution of medically certified deaths in the age group '35-44' by major cause group.

## 7. Persons aged 45-54 years:

This age group has contributed to 12.86% of the total medically certified deaths. It accounts for 14.08% of males and 10.82% of female deaths in their respective total medically certified deaths. Out of 4028 deaths in the age group '45-54', 2762 were males (68.57%).

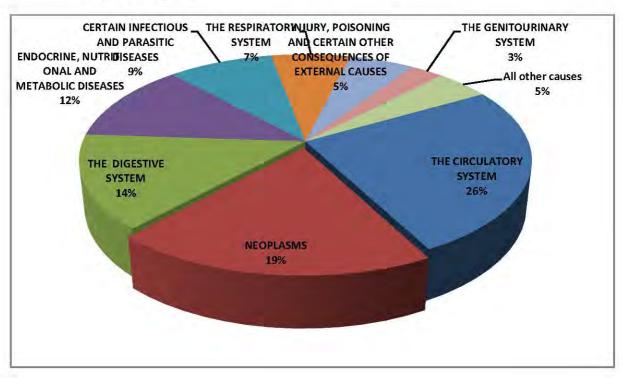
The prominent causes of mortality in this age group are 'Diseases of Circulatory System' (25.6%) of which 68.96% were males. The second leading cause in the age group is 'Neoplasm' (19.51%) of which also the number of male death is more than female death (55.21%). 'Diseases of the Digestive System' (14.32%)' is the third leading cause of death in the age group of which 89.25% were males. 'Endocrine, nutritional and metabolic diseases' (12.07%), 'Certain, Infectious and Parasitic Diseases' (8.94%), 'Diseases of the Respiratory System' (6.7%), and 'Injury, Poisoning & Certain other consequences of External Causes' (5.49%) which together contribute around 33.19% of the total deaths reported 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 and Chart 4.7.

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

M.G/		SEX					
CAT./	CAUSE OF DEATH	Male		Female		Total	
S.C		No.	%	No.	%	No.	%
I	Diseases of the circulatory system	711	25.74	320	25,28	1031	25.60
П	Neoplasms	434	15.71	352	27.80	786	19.51
Ш	Diseases of the digestive system	515	18.65	62	4.90	577	14.32
IV	Endocrine, nutritional and metabolic diseases	298	10.79	188	14.85	486	12.07
V	Certain infectious and parasitic diseases	247	8.94	113	8.93	360	8.94
VI	Diseases of the respiratory system	187	6.77	83	6.56	270	6.70
VII	Injury, poisoning and certain other consequences of external causes	176	6.37	45	3.55	221	5.49
VIII	Diseases of the genitourinary system	83	3.01	30	2.37	113	2.81
IX	All other causes	111	4.02	73	5.77	184	4,57
	ALL CAUSES (MAJOR GROUP I to X1X)	2762	100	1266	100	4028	100
	Deaths in the age group 1-4 year as percentage to total Medically certified Deaths-		14.08		10.82		12.86

Chart 4.7: Percentage distribution of medically certified deaths in the age group '35-44' by major cause group.



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

This age group has contributed to 21.34% of the total medically certified deaths. It accounts for 23.5% of males and 17.71% of female deaths in their respective total medically certified deaths. Out of 6682 deaths in the age group '55-64', 4609 were males (68.98%).

The prominent cause of mortality in this age group is 'Diseases of Circulatory System' (30.53%) of which 67.45% were males. The second leading cause in the age group is 'Neoplasm' (19.22%) of which number of male death is more than female death (64.8%). 'Endocrine, nutritional and metabolic diseases' is the third leading cause of death (15.71%) in the age group of which 63.14% were males. 'Diseases of the Digestive System' (9.94%), 'Diseases of the Respiratory System' (8.65%), 'Certain, Infectious and Parasitic Diseases' (7.14%), and 'Injury, Poisoning & Certain other consequences of External Causes' (2.98%) together contributes around 28.7% of the total deaths reported 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/			SE	X			
CAT./	CAUSE OF DEATH	Male		Female	nale	Total	
S.C		No.	%	No.	%	No.	%
I	Diseases of the circulatory system	1376	29.855	664	32.031	2040	30.53
П	Neoplasms	832	18.052	452	21.804	1284	19.22
Ш	Endocrine, nutritional and metabolic diseases	663	14.385	387	18.669	1050	15.71
IV	Diseases of the digestive system	555	12.042	109	5.2581	664	9.94
V	Diseases of the respiratory system	428	9.2862	150	7.2359	578	8.65
VI	Certain infectious and parasitic diseases	340	7.3769	137	6.6088	477	7.14
VII	Injury, poisoning and certain other consequences of external causes	163	3.5366	36	1.7366	199	2.98
VIII	Diseases of the genitourinary system	111	2.4083	56	2.7014	167	2,50
IX	All other causes	141	3.0592	82	3.9556	223	3.34
	ALL CAUSES (MAJOR GROUP I to XIX)	4609	100	2073	100	6682	100
	Deaths in the age group 5-14 year as percentage to total Medically certified Deaths-		23.50		17.71		21.34

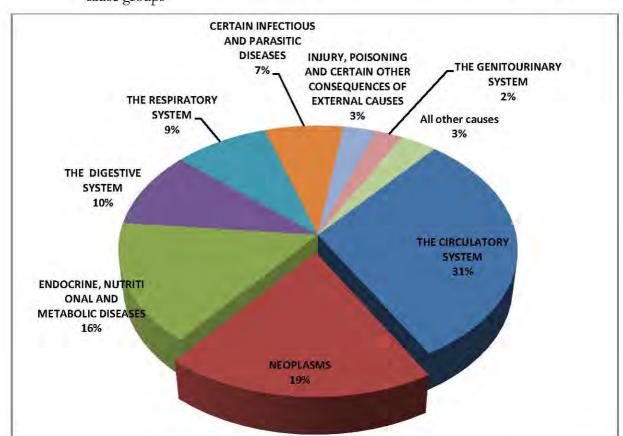


Chart 4.8: Percentage distribution of mortality among persons in the age group '55-64' by major cause groups

## 9. Persons aged 65-69 years:

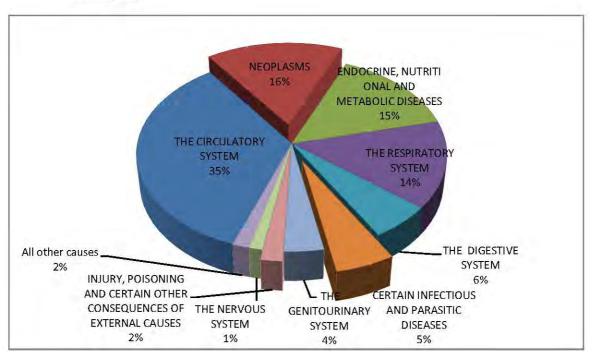
This age group has a share of 13.31% in the total medically certified deaths. It accounts for 13.55% of males and 12.91% of female deaths in their respective total medically certified deaths. Out of 4169 deaths in the age group '65-69', 2657 were males (63.73%).

'Diseases of the Circulatory System' have contributed to the maximum number of deaths in this age-group (34.61%), followed by 'Neoplasm' (16.21%) of which number of male death is more than female death (62.87%). Under Neoplasm, maximum death is due to 'Malignant neoplasm of trachea, bronchus and Lungs', followed by 'Malignant neoplasm of liver'. Around 94.33% of the deaths under the cause group 'Endocrine, Nutritional and Metabolic Diseases', is due to 'Diabetes Mellitus'. The cause group 'Diseases of the respiratory system' is responsible for 14.56% 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/			SE	X			
CAT.	CAUSE OF DEATH	Ma	ıle	Fei	male	Тс	otal
/S.C		No.	%	No.	%	No.	%
I	Diseases of the circulatory system	867	32.63	576	38.10	1443	34.61
II	Neoplasms	425	16.00	251	16.60	676	16.21
ш	Endocrine, nutritional and metabolic diseases	359	13.51	259	17.13	618	14.82
IV	Diseases of the respiratory system	437	16.45	170	11.24	607	14.56
V	Diseases of the digestive system	186	7.00	55	3.64	241	5.78
VI	Certain infectious and parasitic diseases	155	5.83	73	4.83	228	5.47
VII	Diseases of the genitourinary system	94	3.54	60	3.97	154	3.69
VIII	Injury, poisoning and certain other consequences of external causes	62	2.33	21	1.39	83	1.99
IX	Diseases of the nervous system	32	1.20	20	1.32	52	1.25
X	All other causes	40	1.51	27	1.79	67	1.61
	All causes (major group I to XIX)	2657	100	1512	100	4169	100
	Deaths in the age group 65-69 year as percentage to total medically certified deaths-		13.55		12.92		13.31

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



## 10. Old aged Persons (70 years and above):

This age group, as expected, has reported the maximum incidence (33.07%) of total medically certified deaths. It accounts for 30.14% of males and 37.97% of female deaths in their respective total medically certified deaths.

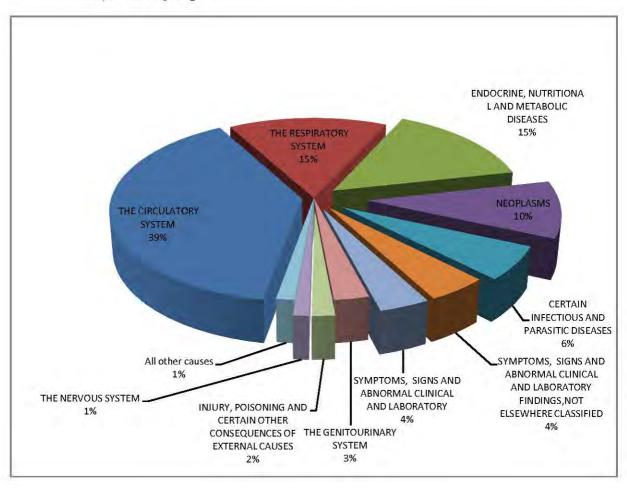
In this age group 'Diseases of the Circulatory System' alone contribute 39.19% of deaths. 'Ischemic Heart Diseases' constitute maximum number (31.64%) of Circulatory system deaths. The major group 'Diseases of Respiratory System' is the second leading cause of death with 14.93% of total deaths under this age group. 'Other Lower Respiratory Disorders', 'All other Diseases of the Respiratory System' and Pneumonia are the major constituents of Diseases of Respiratory system with the shares of 56.27%, 17.27% and 14.55% respectively. With the share of 14.65%, 'Endocrine, Nutritional and Metabolic Disease' is the third leading cause group of death in this age group. Under this age cause group, 'Diabetes Mellitus' is the only cause which accounts for about 93.41% deaths. 'Neoplasm' is in the fourth position which accounts for 10.07% of the total deaths in this age group. The distribution of mortality in the age group 70 years and above, by major cause group has been presented in Table 4.10 and Chart 4.10.

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

M.G				SE	EX		
/CA	CAUSE OF DEATH	Male		Female		Total	
T./S.		No.	%	No.	%	No.	%
Ī	Diseases of the circulatory system	2146	36.30	1912	43.02	4058	39.19
П	Diseases of the respiratory system	961	16.26	585	13.16	1546	14.93
ш	Endocrine, nutritional and metabolic diseases	865	14.63	652	14.67	1517	14.65
IV	Neoplasms	707	11.96	336	7.56	1043	10.07
v	Certain infectious and parasitic diseases	360	6.09	259	5.83	619	5.98
VI	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	226	3.82	244	5.49	470	4.54
VII	Diseases of the digestive system	233	3.94	156	3.51	389	3.76
VIII	Diseases of the genitourinary system	153	2.59	120	2.70	273	2.64
IX	Injury, poisoning and certain other consequences of external causes	121	2.05	56	1.26	177	1.71

X	Diseases of the nervous system	60	1.01	62	1.40	122	1.18
ΧI	All other causes	80	1.35	62	1.40	142	1.37
	ALL CAUSES ( MAJOR GROUP I to XX)	5912	100	4444	100	10356	100
	Deaths in the age group 65-69 year as percentage to total Medically certified Deaths-		30.14		37.97		33.07

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





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	Tables showing Centre wise cause of death under major cause group.
Appendix VII	Tables showing Centre wise Cause of Death under National list of Tabulation.
Appendix VIII	Tables showing Age wise Cause of Death under major cause group.
Appendix IX	Tables Showing State wise Cause of Death under National list of Tabulation.

#### APPENDIX – I

# LIST OF HOSPITALS REPORTING MCCD

# List Of Hospitals, 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, Kazhakkoottam	Pvt
13	Al Areef Hospital, Ambalathara	Pvt
14	Anadiyil Hospital, Thekkummood	Pvt
15	Ananthapuri Hospital&Research Centre, Chakka	Pvt
16	Arumana Hospital,	Pvt
17	Attukal Devi Institute of Medical Sciences, Attukal	Pvt
18	BNV Hospital, Thiruvallam.	Pvt
19	BeemaMahim SUT, Beemapally	Pvt
20	Cosmopolitan Hospital ,Murinjapalam	Pvt
21	Credence Hospital, Ulloor	Pvt
22	CSI Mission Hospital ,Kazhakkoottam	Pvt
23	Dr.Govindans Hospital, GH Junction	Pvt
24	Geethanjali Hospital, Vazhuthacaud	Pvt
25	Gowreesha Hospital, Gowreeshapattam	Pvt
26	HolyCross Hospital ,Sanghumugham	Pvt
27	Jubilee Memorial Hospital, Palayam	Pvt
28	KJK Hospital ,Nalanchira	Pvt
29	KIMS Hospital, Anayara.	Pvt
30	Lords Hospital, Anayara	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, Sasthamangalam	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

# List of Hospitals, 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.KDamodaran 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

# List of Hospitals, 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	SreeSudheendra 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	GovtWomen and Children Hospital	Govt
25	GovtHospital ,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 RenaiMedicity	Pvt
40	V.G.Saraf Memorial Hospital	Pvt

# List of Hospitals, Kozhikode (41 Nos)

Sl No	Name of Hospital	Govt/Pvt
1	Alsheimer'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.VidhyaPrakash'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	Super Speciality Block	Pvt
29	National Hospital	Pvt
30	Nirmala Hospital	Pvt
31	PVS Hospital Pvt Ltd	Pvt
32	Pain &Palliative Care Society	Pvt
33	Rajendra Nursing Home	Pvt
34	Ramanatha Nursing Home	Pvt
35	R.M Hospital	Pvt
36	Santhi Hospital	Pvt
37	Shiba Surgery & Urology Centre	Pvt
38	TPs Hospital	Pvt
39	Vathiad Medical Centre	Pvt
40	Vijaya Hospital	Pvt
41	Viveka Hospital	Pvt

# List of Hospitals, Alappuza (8 Nos.)

Sl No	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

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

#### 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 DECEASED:					For use	
Sex	Age of Death:					
1. Male	If one year or	If less than one	If less than one	If less than one	Statistical	
2. Female	more, age in	year, age in	month age in	day, age in hours	Office	
	years	month	days			
	CAUSE O	F DEATH		Interval between		
I	(a).			onset and death		
				approx.		
Immediate cause		or as a consequence	es of)			
	injury or complicati					
	th, not the mode of	dying				
such as heart failu	re, astnenia, etc.					
Antecedent cause	(b)					
Timeccuciii cause		o (or as a consequen				
Morbid condition		(	/			
Giving rise to the						
stating under lyin	g conditions last					
II						
Other significant of	conditions	(c)				
contributing to the						
	the disease or					
	it					

#### 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

1	(10	DC	actactica	and	manaca	OVCI	w	tile ic.	iauvc	OI	tiic	ucceasi	caj	

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

this hospital on ......and 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)

from	toa		1		my treatment /PM.
NAME OF DE					For use of
Sex	Age of Death	T	T	I	Statistical
1. Male	If one year or		If less than one	If less than	Office
2. Female	more, age in years	year, age in month	month age in days	one day, age in hours	
	CAUSE O	F DEATH		Interval	
I	(a)			between onset	
Immediate cause	`	or as a consequenc	ces of)	and death	
	njuryorcomplicatio			approx	
	th,not themodeof	dying			
such as heart fail	lure, asthenia, etc				
1	<i>(</i> 1.)				
	e (b)				
,	consequences of)				
Morbid conditi Giving rise to th					
~	ng conditions last				
Stating underlyin	ig conditions last				
П					
	t conditions (c)				
	the death				
	o the disease or				
Condition causin	ng it.				
L	female, was the pr	eonancy the death	associated with?	1. Yes 2. No	
	delivery? 1. Yes 2				
Name and signat	ure of the medical	Attendant contifui	na tha causa of da	ath	
TVAITIC ATTO SIGNAT	are or the medicar		ing the cause of de		
	(To be detache	d and handed over	r to the relative of	the deceased)	
Certified	that R/0				
	om				expired on
	AM/PM.			110, 0110	
	,			Doctor	
				(Medical	Superintendent&
				Name of Ho	*

# MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES

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

- 2. The National list for tabulation of Morbidity and Mortality based on the Ninth Revision of ICD-9, 1975 was adopted in MCCD from 1980 to 1998. Subsequently, the World Health 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)

<sup>\*</sup> 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 CAUSE OF DEATH ICD-10 CODE	S
No.	0E0 A00 D00
I. CERTAIN INFECTIOUS AND PARASITIC DISEA	SES 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	A09
origin	
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 oftransmission	n 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	A83.0
4 Other viral encephalitis	A83.1-A83.9, A84-A86
5 Dengue fever	A90
6 Other arthropod-borne viral fevers and viral	1170
haemorrhagic fevers	A91-A94, A96-A99
7 Smallpox	B03
8 Measles	B05
	BB16
9 Acute Hepatitis	
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,
D 44	B00-B02, B04, B06-B09 & B25-B346
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
7 Manghant heopiasms of digestive organs	C13-C20
1 Malignant neoplasm of oesophagus	C15
2 Malignant neoplasm of stomach	C16
3 Malignant neoplasm of small intestine including	310
Duodenum	C17
4 Malignant neoplasm of colon	C18
5 Malignant neoplasm of rectosigmoid junction,	010
rectum, anus and anal canal	C19-C21
6 Malignant neoplasm of liver and intrahepatic bile ducts	C19-C21
	C25
7 Malignant neoplasm of pancreas 8 Other malignant neoplasms of digestive organs	C23-C24, C26
o Other mangnant neoplasms of digestive organs	C2J-C24, C20
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
12 Manghant Reoptashis of gentourinary organs	631 666
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	204-200, 200
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
	C71-C73
5 Other malignant neoplasms of lymphoid, haematopoietic and related tissue	C88 & C96
16 Carcinoma in situ	D00-D09
17 Benign neoplasms	D10-D36
I. Denign neophasins	D10-D30
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  19 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism  D50-D89  1 Thalassacmia  D56 2 Other anacmias  D56-D55, D57-D64 3 All other diseases of blood and blood-forming organs 4 Certain disorders involving the immune mechanism  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-E34 & E30-E39  1 Disorders of thyroid gland  5 Diabetes mellitus  1 Disorders of thyroid gland  2 Diabetes mellitus  3 All other nutritional deficiencies 4 All other endocrine and metabolic diseases  F01-E79  2 Mental and behavioural disorders  F01-F99  1 Mental and behavioural disorders  5 P1-F99  1 Mental and behavioural disorders  F01-F99  1 Mental and behavioural disorders due to psychoactive substance use 2 Schizophrenia, schizotypal & delusional disorders 5 F10-F19 5 P10-F19 5 P1	W. DIGELORG OF WHE DLOOD AND DLOOD FOR	NANCO .
IMMUNE MECHANISM  19 Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism  150-D89  1 Thalassaemia  2 Other anaemias  3 D50-D55, D57-D64  3 All other diseases of blood and blood-forming organs 4 Certain disorders involving the immune mechanism  1050-D55, D57-D64  3 All other diseases of blood and blood-forming organs 4 Certain disorders involving the immune mechanism  1080-D89  IV. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES  20 Malnutrition  E40-E46  1 Kwashiorkor 2 Nutritional marasmus 3 Other protein-energy malnutrition 21 Endocrine, other nutritional and metabolic diseases  1 Disorders of thyroid gland 2 Diabetes mellitus 3 All other nutritional deficiencies 4 All other endocrine and metabolic diseases  1 Disorders of thyroid gland 2 Diabetes mellitus 3 All other nutritional deficiencies 4 All other endocrine and metabolic diseases  1 Mental and behavioural disorders  2 Schizophrenia, schizotypal & delusional disorders 3 All other mental and behavioural disorders 4 Schizophrenia, schizotypal & delusional disorders 5 F01-F99  1 Mental and behavioural disorders due to psychoactive substance use 2 Schizophrenia, schizotypal & delusional disorders 5 F01-F99  1 Mental and behavioural disorders due to psychoactive substance use 2 Schizophrenia, schizotypal & delusional disorders 5 F01-F99  VI. DISEASES OF THE NERVOUS SYSTEM 600-G99  1 Meningitis G00 & G03 2 Encephalitis, myelitis and encephalomyelitis G00-G99  1 Meningitis G00, G08-G09 24 Other inflammatory diseases of the central nervous System G00, G08-G09 24 Other diseases of the nervous system G10-G98		
certain disorders involving the immune mechanism  D50-D89  1 Thalassacmia  Other anaemias  All other diseases of blood and blood-forming organs  All other diseases of blood and blood-forming organs  Certain disorders involving the immune mechanism  D80-D89  IV. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES  E00-E89  20 Malnutrition  E40-E46  1 Kwashiorkor  2 Nutritional marasmus  3 Other protein-energy malnutrition  E42-E46  21 Endocrine, other nutritional and metabolic diseases  1 Disorders of thyroid gland  2 Diabetes mellitus  3 All other nutritional deficiencies  4 All other endocrine and metabolic diseases  E10-E14  3 All other nutritional deficiencies  4 All other endocrine and metabolic diseases  F01-F99  V. MENTAL AND BEHAVIOURAL DISORDERS  F01-F99  1 Mental and behavioural disorders  4 All other mental and behavioural disorders  2 Schizophrenia, schizotypal & delusional disorders  3 All other mental and behavioural disorders  F01-F99  VI. DISEASES OF THE NERVOUS SYSTEM  G00-G98  23 Inflammatory diseases of the central nervous system  G00-G09  1 Meningitis  G00 & G03  2 Encephalitis, myelitis and encephalomyelitis  G004  3 Other inflammatory diseases of the central nervous System  G00, G08-G09  24 Other diseases  G30  2 Epilepsy  G40-G41		
certain disorders involving the immune mechanism  D50-D89  1 Thalassacmia  Other anaemias  All other diseases of blood and blood-forming organs  All other diseases of blood and blood-forming organs  Certain disorders involving the immune mechanism  D80-D89  IV. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES  E00-E89  20 Malnutrition  E40-E46  1 Kwashiorkor  2 Nutritional marasmus  3 Other protein-energy malnutrition  E42-E46  21 Endocrine, other nutritional and metabolic diseases  1 Disorders of thyroid gland  2 Diabetes mellitus  3 All other nutritional deficiencies  4 All other endocrine and metabolic diseases  E10-E14  3 All other nutritional deficiencies  4 All other endocrine and metabolic diseases  F01-F99  V. MENTAL AND BEHAVIOURAL DISORDERS  F01-F99  1 Mental and behavioural disorders  4 All other mental and behavioural disorders  2 Schizophrenia, schizotypal & delusional disorders  3 All other mental and behavioural disorders  F01-F99  VI. DISEASES OF THE NERVOUS SYSTEM  G00-G98  23 Inflammatory diseases of the central nervous system  G00-G09  1 Meningitis  G00 & G03  2 Encephalitis, myelitis and encephalomyelitis  G004  3 Other inflammatory diseases of the central nervous System  G00, G08-G09  24 Other diseases  G30  2 Epilepsy  G40-G41		
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6 All other conditions originating in the perinatal period	P00-P04, P08, P29-P54,
	P56-P57,P60-P96.

XVII. CONGENITAL MALFORMATIONS, DEFORM	
AND CHROMOSOMAL ABNORMALITIES	Q00-Q99
46 Congenital malformations, deformations and	0.0.00
chromosomal abnormalities	Q00-Q99
1 Spina bifida	Q05
2 Congenital malformations of the circulatory system	Q20-Q28
3 Cleft lip and cleft palate	Q35-Q37
4 All other congenital malformations, deformations and	233 237
	000 004 006 019
chromosomal abnormalities, not elsewhere classified	Q00-Q04, Q06-Q18,
WHILE CAREFFERENCE CLONIC AND ADMORAGE CARE	Q30-Q34 & Q38-Q99
XVIII. SYMPTOMS, SIGNS AND ABNORMAL CLINI	
AND LABORATORY FINDINGS,NOT ELSEW	
CLASSIFIED	R00-R99
47 Symptoms, signs and abnormal clinical and laboratory	
findings, not elsewhere classified	R00-R99
1 Abdominal and pelvic pain	R10
2 Ascites	R18
3 Somnolence, stupor and coma	R40
4 Fever of unknown origin	R50
5 Senility	R54
6 Syncope and collapse	R55
7 Convulsions, not elsewhere classified	R56
8 Shock, not elsewhere classified	R57
9 All other symptoms, signs and abnormal clinical and	R00-R09, R11-R17, R19-R39
laboratory findings, not elsewhere classified	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	S02
2 Fracture of neck, thorax or pelvis	S12, S22, S32 & T08
3 Fracture of upper limb	S42, S52, S62 & T10
4 Fractures of lower limb	S72, S82, S92 & T12
5 Fractures involving multiple body regions and of	
unspecified body region	T02
49 Dislocations, sprains and strains of specified and multiple	
body regions	S03, S13, S23, S33, S43, S53,
200, 200, 200, 200, 200, 200, 200, 200,	\$63, \$73, \$83, \$93, T03
50 Intropagation and intermed intermed in the district of the second	SOA SOK SIA SOA SOK SOT
50 Intracranial and internal injuries, including nerves	\$04, \$06, \$14, \$24, \$26-\$27, \$34,\$36-\$37, \$44, \$54, \$64, \$74, \$84 &\$94

51 Crushing injuries and traumatic amputations of specified and multiple body regions

\$07-\$08, \$17-\$18, \$28, \$38, \$47-\$48, \$57-\$58, \$67-\$68,\$77-\$78, \$87-\$88, \$97-\$98,\$\text{T04-T05}

52 Other injuries of specified, unspecified and multiple body

regions S00-S01, S05, S09-S11, S15-S16, S19-S21, S25,

\$29-\$31, \$35,\$39-\$41, \$45-\$46, \$49-\$51,\$55-\$56, \$59-\$61, \$65-\$66,\$69-\$71, \$75-\$76, \$79-\$81,\$85-\$86, \$89-\$91, \$95-\$96, \$99, 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

elsewhere classified T80-T88

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

equences 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- V87.9,

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, V80.0-V80.2, V80.7-V80.9,

V82.3-V82.7, V82.9 & V89.1 4 Water transport accidents V90-V945 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 X40-X49 substances X60-X84 E53 Intentional self-harm (Suicide- attempted) 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 & W24-W31 piercing instruments 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

# CENTER WISE CAUSE OF DEATH UNDER MAJOR CAUSE GROUP

M.G /CAT. /S.C	CAUSE OF DEATH	SEX	Thruvana nthapura m	Kollam	Kochi	Kozhikode	Alappuzh a	Total
1	2	3	4	5	6	7	8	9
I.	Certain infectious and parasitic diseases	Μ	804	44	107	350	60	1365
	(a00-b99)	F	526	26	58	165	30	805
		T	1330	70	165	515	90	2170
II.	Neoplasms (c00-d48)	M	932	77	733	915	141	2798
		F	658	70	435	500	96	1759
		T	1590	147	1168	1415	237	4557
III.	Diseases of the blood and blood-forming	M	36	5	49	54	10	154
	organs and certain disorders involving the	F	37	7	32	56	9	141
	immune mechanism (d50-d89)	T	73	12	81	110	19	295
IV.	Endocrine, nutritional and metabolic	M	448	33	828	815	193	2317
	diseases (e00-e89)	F	384	19	487	514	164	1568
		T	832	52	1315	1329	357	3885
V.	Mental and behavioural disorders (f01-	M	28	0	1	0	4	33
	f99)	F	3	0	0	0	3	6
		T	31	0	1	0	7	39
VI.	Diseases of the nervous system ( g00-	M	96	3	10	91	51	251
	g98)	F	61	0	8	84	39	192
		T	157	3	18	175	90	443
VII.	Diseases of the eye and adnexa (h00-	M	0	0	0	0	0	0
	h59)	F	0	0	0	0	1	1
		T	0	0	0	0	1	1
VIII.	Diseases of the ear and mastoid	M	1	0	0	0	0	1
	process (h60-h95)	F	0	0	0	0	0	0
		T	1	0	0	0	0	1
IX.	Diseases of the circulatory system (i00-	· M	1651	897	1096	1488	460	5592
	i99)	F	1150	525	715	1032	366	3788
		T	2801	1422	1811	2520	826	9380
Χ.	Diseases of the respiratory system (j00-	M	752	426	302	560	243	2283
	j98)	F	440	213	128	263	101	1145
		T	1192	639	430	823	344	3428
XI.	Diseases of the digestive system (k00-	M	598	154	566	409	117	1844
	k92)	F	144	46	104	141	31	466
		T	742	200	670	550	148	2310
XII.	Diseases of the skin and subcutaneous	M	40	0	3	15	5	63
	tissue (100-198)	F	13	0	0	16	2	31
		T	53	0	3	31	7	94

M.G /CAT. /S.C	CAUSE OF DEATH	SEX	Thruvana nthapura m	Kollam	Kochi	Kozhikode	Alappuzh a	Total
XIII.	Diseases of the musculoskeletal system	Μ	16	0	0	13	8	37
	and connective tissue ( m00-m99)	F	38	0	2	34	6	80
		T	54	0	2	47	14	117
XIV.	Diseases of the genitourinary system (	M	183	95	38	164	30	510
	n00-n99)	F	118	40	26	121	16	321
		T	301	135	64	285	46	831
XV.	Pregnancy, childbirth and the							
	puerperium ( o00-o99)	F	7	1	2	18	1	29
		T	7	1	2	18	1	29
XVI.	Certain conditions originating in the	M	206	24	80	373	43	726
	perinatal period (p00-p96)	F	156	10	63	270	26	525
		T	362	34	143	643	69	1251
XVII.	Congenital malformations,	M	90	0	69	206	12	377
	deformations and chromosomal	F	84	0	16	148	13	261
	abnormalities ( q00-q99)	T	174	0	85	354	25	638
XVII	Symptoms, signs and abnormal clinical	Μ	75	169	8	44	62	358
I.	and laboratory findings,not elsewhere	F	74	196	3	15	24	312
	classified (r00-r99)	T	149	365	11	59	86	670
XIX.	Injury, poisoning and certain other	Μ	300	93	263	175	72	903
	consequences of external causes ( s00-	F	115	34	45	53	28	275
	t98)	T	415	127	308	228	100	1178
XX.	External causes of morbidity and	M	139	90	294	324	40	887
	mortality ( v01-y89)	F	57	37	52	178	8	332
		T	196	127	346	502	48	1219
	ALL CAUSES ( MAJOR GROUP I	M	6256	2020	4153	5672	1511	19612
	to XIX)	F	4008	1187	2124	3430	956	11705
		T	10264	3207	6277	9102	2467	31317
	ALL CAUSES (MAJOR GROUP I	M	6395	2110	4447	5996	1551	20499
	to XX)	F	4065	1224	2176	3608	964	12037
		T	10460	3334	6623	9604	2515	32536

## District Wise Cause of Death under National List for Tabulation of Mortality & Morbidity Based on the Tenth Revision of International Classification of Diseases (ICD)

M.G/				Centres				
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
I.	CERTAIN INFECTIOUS AND	Μ	804	44	107	350	60	1365
	PARASITIC DISEASES (A00-B99)	F	526	26	58	165	30	805
		T	1330	70	165	515	90	2170
1	Intestinal infectious diseases (A00-A09)	Μ	8	7	0	19	5	39
		F	3	3	0	21	5	32
		T	11	10	0	40	10	71
1	Cholera (A00)	Μ	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)	Μ	0	0	0	0	0	0
		F	1	0	0	0	0	1
		T	1	0	0	0	0	1
3	Food poisoning (A02, A05)	Μ	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	Shigellosis (A03)	Μ	0	0	0	0	0	0
		F	0	0	0	1	0	1
		T	0	0	0	1	0	1
5	Amoebiasis (A06)	Μ	0	2	0	1	0	3
		F	0	3	0	0	0	3
		T	0	5	0	1	0	6
6	Diarrhoea and gastroenteritis of presumed	Μ	7	5	0	18	5	35
	infectious origin (A09)	F	2	0	0	20	5	27
		T	9	5	0	38	10	62
7	Other intestinal infectious diseases (A04,	Μ	1	0	0	0	0	1
	A07-A08)	F	0	0	0	0	0	0
		T	1	0	0	0	0	1
2	Tuberculosis (A15-A19)	Μ	135	10	42	80	28	295
		F	47	2	14	35	4	102
		T	182	12	56	115	32	397
1	Respiratory tuberculosis (A15-A16)	Μ	114	10	41	57	26	248
		F	29	2	12	15	1	59
		T	143	12	53	72	27	307

M.G/					Centres		Centres					
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total				
1	2	3	4	5	6	7	8	9				
2	Tuberculosis of nervous system (A17)	Μ	7	0	0	11	1	19				
		F	11	0	0	7	1	19				
		T	18	0	0	18	2	38				
3	Tuberculosis of other organs & miliary	Μ	14	0	1	12	1	28				
	tuberculosis (A18-A19)	F	7	0	2	13	2	24				
		T	21	0	3	25						
3	Other bacterial diseases (A20-A49)	Μ	443	26	54	92	9					
		F	339	17	39	41	9	445				
1	D1(120)	T	782	43		133						
!	Plague (A20)	M F	0	5	0	0	-	_				
		T	0	0	0	0	0	0				
2	Leprosy (A30)	M	0	5	0	5	1	5				
_	Expressy (2150)	F	2	0	0	0	0	2				
		T	2	0	0	5						
3	Neonatal tetanus (A33)	M	0	0	0	0	0					
	,	F	0	0	0	0	0	0				
		T	0	0	0	0	0	0				
4	Other tetanus (A34-A35)	Μ	2	0	0	2	0	4				
		F	1	0	0	1	0	2				
		T	3	0	0	3	0	6				
5	Diphtheria (A36)	Μ	0	0	0	0	0					
		F	0	0	0	0	0	0				
-		T	0	0	0	0	0	-				
6	Whooping cough (A37)	M	0	0	0	0	0					
		F	0	0	0	0	0	0				
7	Meningococcal infection (A39)	T M	<b>0</b>	0	0	0	0					
,	Weimigococcai infection (1139)	F	0	0	0	0	0	0				
		T	1	0	0	0	0					
8	Septicaemia (A40-A41)	M	220	0	42	37	1					
	(-1.5)	F	168	0	29	27	2					
		T	388	0	71	64						
9	All other types of bacterial diseases (A21-	M	220	21	12	48						
	A28, A31-A32, A38, A42-A49)	F	168	17	10	13		215				
		T	388	38	22	61	14					
4	Infections with a predominantly sexual	Μ	2	0	0	0	0	2				
	mode of transmission (A50-A64)	F	0	0	0	0	0	0				
		T	2	0	0	0	0					
1	Syphilis (A50-A53)	Μ	2	0	0	0	0	2				
		F	0	0	0	0	0					
		T	2	0	0	0	0	2				

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2	Other types of infections with a	Μ	0	0	0	0	0	0
	predominantly sexual mode of transmission	F	0	0	0	0	0	0
	(A54-A64)	T	0	0	0	0	0	0
5	Viral diseases (A70-A74 & A80-B34)	Μ	137	1	11	73	10	232
		F	100	4	5	38	8	155
		T	237	5	16	111	18	387
1	Acute poliomyelitis (A80)	Μ	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Rabies (A82)	Μ	6	0	0	0	0	6
		F	2	0	0	0	0	2
		T	8	0	0	0	0	8
3	Japanese encephalitis (A83.0)	Μ	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-	Μ	5	0	3	6	0	14
	A86)	F	4	2	2	6	1	15
_		T	9	2	5	12	1	29
5	Dengue fever (A90)	M	27	0	0	0	1	28
		F	17	0	0	0	0	17
6		T	44	0	0	0	1	45
0	Other arthropod-borne viral fevers and viral haemorrhagic fevers (A91-A94, A96-A99)	М	8	0	3	0	0	11
		F <b>T</b>	14	0	0 <b>3</b>	4	1	19
7	Smallpox (B03)		22	0	0	4	0	30
'	Smanpox (Bos)	M F	0	0	0	0	0	0
		T	0	0	0	0	0	0
8	Measles (B05)	M	0	0	0	0	0	0
	ivicasies (B03)	F	1	0	0	0	0	1
		T	1	0	0	0	0	1
9	Acute Hepatitis B (B16)	M	39	1	0	12	3	55
	ricate riepatita B (Bro)	F	20	2	0	4	1	27
		T	59	3	0	16	4	82
10	Other viral hepatitis (B15, B17-B19)	M	20	0	1	17	1	39
_	· · · · · · · · · · · · · · · · · · ·	F	15	0	0	2	1	18
		T	35	0	1	19	2	57
11	Human immunodeficiency virus [HIV]	M	24	0	4	32	4	64
	disease (B20-B24)	F	17	0	1	19	2	39
		T	41	0	5	51	6	103
12	All other types of viral diseases (A70-A74,	M	8	0	0	6	1	15
	A81, A87-A89, A95, B00-B02, B04, B06-	F	10	0	2	3	2	17
	B09 & B25-B34)	T	18	0	2	9	3	32

M.G/					Centres		Centres				
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kachi	Kzd	Alpzh	Total			
1	2	3	4	5	6	7	8	9			
6	Protozoal diseases (B50-B64)	Μ	4	0	0	1	1	6			
		F	4	0	0	0	0	4			
		T	8	0	0	1	1	10			
1	Malaria (B50-B54)	Μ	4	0	0	1	0	5			
		F	4	0	0	0	0	4			
		T	8	0	0	1	0				
2	All other types of protozoal diseases (B55-	М	0	0	0	0	1	1			
	B64)	F	0	0	0	0	0	0			
-		T	0	0	0	0	1				
7	Other certain infectious & parasitic diseases	M	75	0	0	85	7	167			
	and late effects of infectious & parasitic	F	33	0	0	30	4	67			
	diseases (A65-A69 & A75-A79, B35-B49,	T	108	0	0	115					
l I	Filariasis (B74)	M	1	0	0	0	5	6			
		F	2	0	0	0	2	4			
2		T	3	0	0	0	7				
	Other helminthiasis (B65-B73, B75, B77-B83)	М	0	0	0	1	0	1			
	D63)	F <b>T</b>	1	0	0	0	0	1			
3	Other spirochaetal diseases and		1	0	0	1	0	2			
J	Rickettsioses (A65-A69 & A75-A79)	M F	2	0	0	4	0				
	rdexettsioses (1103-1107 & 1173-1177)	T	5 5	<b>0</b>	0	4	0	3 9			
4	All other infectious & parasitic diseases and	M	72	0	0	80	2	-			
'	late effects of infectious & parasitic diseases	F	27	0	0	30	2	59			
	(B35-B49, B76, B85-B99)	T	99	0	0	110	4				
II.	NEOPLASMS (C00-D48)	M	932	77	733	915	141	2798			
	11201210 (000 2 10)	F	658	70	435	500	96				
		T	1590	147	1168	1415	237				
8	Malignant neoplasms of lip, oral cavity and	M	52	6	57	65	12	192			
	pharynx (C00-C14)	F	20	9	18	10	3	60			
	,	Т	72	15	75	75	15	252			
1	Malignant neoplasms of lip, oral cavity and	Μ	52	6	57	65	12				
	pharynx (C00-C14)	F	20	9	18	10	3	60			
		T	72	15	75	75	15	252			
9	Malignant neoplasms of digestive organs	Μ	262	35	253	280	40	870			
	(C15-C26)	F	94	21	90	118	27	350			
		T	356	56	343	398	67	1220			
1	Malignant neoplasm of oesophagus (C15)	Μ	37	8	38	40	6	129			
		F	11	4	4	14	4	37			
		T	48	12	42	54	10	166			
2	Malignant neoplasm of stomach (C16)	Μ	41	7	35	77	10	170			
		F	14	2	19	30	2	67			
		T	55	9	54	107	12	237			

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
3	Malignant neoplasm of small intestine	Μ	3	0	0	3	0	6
	including duodenum (C17)	F	0	0	1	1	0	2
		T	3	0	1	4	0	8
4	Malignant neoplasm of colon (C18)	Μ	14	6	19	24	7	70
		F	14	4	9	22	3	52
		T	28	10	28	46	10	122
5	Malignant neoplasm of rectosigmoid	Μ	34	0	15	21	3	73
	junction, rectum, anus and anal canal (C19-	F	15	3	14	11	8	51
п	C21)	T	49	3	29	32	11	124
6	Malignant neoplasm of liver and	M	97	14	110	65	4	290
	intrahepatic bile ducts (C22)	F	21	8	17	17	1	64
7	M. I	T	118	22	127	82	5	354
/	Malignant neoplasm of pancreas (C25)	M	29	0	17	34	6	86
		F <b>T</b>	15	0 <b>0</b>	16 <b>33</b>	14	4 <b>10</b>	49 125
8	Other malignant neoplasms of digestive		<b>44</b> 7	0	<b>33</b>	48	4	135
u	organs (C23-C24, C26)	M F	4	0	19	16 9	5	46 28
	Organis (C25 C21, C20)	T	11	0	29	25	9	74
10	Malignant neoplasms of respiratory and	M	210	24	159	256	48	697
	intrathoracic organs (C30-C39)	F	56	11	25	30	10	132
	()	T	266	35	184	286	58	829
1	Malignant neoplasm of larynx (C32)	M	9	1	22	22	4	58
		F	0	0	1	0	0	1
		Т	9	1	23	22	4	59
2	Malignant neoplasm of trachea, bronchus	Μ	194	23	136	233	44	630
	and lung (C33-C34)	F	55	11	23	30	10	129
		T	249	34	159	263	54	759
3	Other malignant neoplasm of respiratory	Μ	7	0	1	1	0	9
	and intrathoracic organs (C30-C31, C37-	F	1	0	1	0	0	2
	C39)	T	8	0	2	1	0	11
11	Malignant neoplasms of bone, mesothelial	Μ	17	0	22	21	4	64
	and soft tissue, skin and breast (C40-C50)	F	134	20	119	75	16	364
		T	151	20	141	96	20	428
1	Malignant neoplasm of bone and articular	Μ	2	0	10	9	1	22
	cartilage (C40-C41)	F	5	0	2	4	1	12
п	261: (2:2)	T	7	0	12	13	2	34
2	Malignant melanoma of skin (C43)	M	0	0	1	3	2	6
		F	0	0	0	1	0	1
3		T	0	0	1	4	2	7
ن ا	Other malignant neoplasms of skin (C44)	М	1	0	0	0	0	1
		F	0	0	0	1	0	1
		T	1	0	0	1	0	2

M.G/					Centres				
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total	
1	2	3	4	5	6	7	8	9	
4	Malignant neoplasms of mesothelial and	Μ	14	0	11	9	1	35	
	soft tissue (C45-C49)	F	11	0	7	5	0	23	
		T	25	0	18	14	1	58	
5	Malignant neoplasm of breast (C50)	Μ	0	0	0	0	0	0	
		F	118	20	110	64	15	327	
		T	118	20	110	64	15	327	
12	Malignant neoplasms of genitourinary	Μ	54	7	55	61	11	188	
	organs (C51-C68)	F	114	7	60	70	21	272	
		T	168	14	115	131	32	460	
1	Malignant neoplasm of cervix uteri (C53)	F	31	2	20	29	5	87	
		T	31	2	20	29	5	87	
2	Malignant neoplasm of other and	F	25	2	7	4	3	41	
	unspecified parts of uterus (C54-C55)	T	25	2	7	4	3	41	
3	Malignant neoplasm of ovary (C56)	F	51	3	31	35	10	130	
		T	51	3	31	35	10	130	
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	F	1	0	0	1	0	2	
	genital organs (C51-C52, C57)	T	1	0	0	1	0	2	
6	Malignant neoplasm of prostate (C61)	Μ	28	3	39	29	7	106	
7		T	28	3	39	29	7	106	
7	Other malignant neoplasms of male genital	M	3	0	0	2	0	5	
п	organs (C60, C62-C63)	T	3	0	0	2	0	5	
8	Malignant neoplasm of bladder (C67)	M	17	4	15	17	1	54	
		F	3	0	1	1	2	7	
9		T	20	4	16	18	3	61	
0	Other malignant neoplasms of urinary tract (C64-C66, C68)	M	6	0	1	13	3	23	
	(C04-C00, C08)	F <b>T</b>	3	0	0	0	0	3	
13	Malianant nagplasma of ava brain and		9	0	10	13	3	26	
10	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-	M	36	0	19	19	2	76	
	C72)	F	39	0	5	11	2	57	
1	Malignant neoplasm of eye & adnexa (C69)	T	75		24	30	4	133	
ı	Manghant neoplasm of eye & adnexa (Co9)	M	0	0	0	0	0	0	
		F <b>T</b>	0	0	0	0	0	0	
2	Malignant neoplasm of meninges, brain and	M	36	0	10	<b>0</b> 19	2	<b>0</b> 76	
	other parts of central nervious system (C70-	F	36 39		19			57	
	C72)	T	75	0	5 <b>24</b>	11 <b>30</b>	2	133	
14	Malignant neoplasms of other and	M	26		54	<b>5</b> 9	<b>4</b> 8	147	
17	unspecified sites (C73-C80 & C97)	F	34	0	35	56	3	128	
	and promod sites (375 300 & 377)	T						275	
I		I	60	0	89	115	11	415	

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
1	Malignant neoplasm of other, ill-defined,	Μ	26	0	54	59	8	147
	secondary, unspecified and multiple sites	F	34	0	35	56	3	128
	(C73-C80 & C97)	T	60	0	89	115	11	275
15	Malignant neoplasms of lymphoid,	Μ	266	5	91	136	12	510
	haematopoietic and related tissue (C81-C96)	F	162	2	66	114	12	356
		T	428	7	157	250	24	866
1	Hodgkin's disease (C81)	Μ	8	0	4	7	0	19
		F	3	0	2	0	0	5
		T	11	0	6	7	0	24
2	Non-Hodgkin's lymphoma (C82-C85)	Μ	42	0	27	37	5	111
		F	23	1	16	24	3	67
		T	65	1	43	61	8	178
3	Multiple myeloma and malignant plasma	Μ	35	0	25	27	3	90
	cell neoplasms (C90)	F	22	1	19	24	3	69
		T	57	1	44	51	6	159
4	Leukaemia (C91-C95)	Μ	157	5	35	61	4	262
		F	101	0	29	63	6	199
		T	258	5	64	124	10	461
5	Other malignant neoplasms of lymphoid,	Μ	24	0	0	4	0	28
	haematopoietic and related tissue (C88 &	F	13	0	0	3	0	16
	C96)	T	37	0	0	7	0	44
16	Carcinoma in situ (D00-D09)	Μ	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
1	Carcinoma in situ (D00-D09)	Μ	0	0	0	0	0	0
		F	0	0	0	0	0	0
		T	0	0	0	0	0	0
17	Benign neoplasms (D10-D36)	Μ	1	0	15	3	1	20
		F	1	0	11	3	0	15
		T	2	0	26	6	1	35
1	Leiomyoma of uterus (D25)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	All other benign neoplasms (D10-D24 &	Μ	1	0	15	3	1	20
	D26-D36)	F	1	0	11	3	0	15
		T	2	0	26	6	1	35
18	Other and unspecified neoplasm (D37-	Μ	8	0	8	15	3	34
	D48)	F	4	0	6	13	2	25
		Т	12	0	14	28	5	
1	Other and unspecified neoplasm (D37-	Μ	8	0	8	15	3	34
	D48)	F	4	0	6	13	2	25
		Т	12	0	14	28	5	59

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
III.	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND	Μ	36	5	49	54	10	154
	CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-	F	37	7	32	56	9	141
	D89)	T	73	12	81	110	19	295
19	Diseases of the blood and blood-forming	Μ	36	5	49	54	10	154
	organs and certain disorders involving the	F	37	7	32	56	9	141
	immune mechanism (D50-D89)	T	73	12	81	110	19	295
1	Thalassaemia (D56)	М	0	0	0	0	0	0
		F	1	0	0	0	0	1
2	Od	T	1	0	0	0	0	1
	Other anaemias (D50-D55, D57-D64)	М	5	5	23	43	3	79
		F <b>T</b>	10	7	18	46	6 <b>9</b>	87
3	All other diseases of blood and blood-		15	12	41	89	5	166
ŋ	forming organs (D65-D76)	M F	29 25	0	24 14	10 10	5 1	68 50
	Torning organs (D03-D70)	_			-	-	-	
4	Certain disorders involving the immune	T	54	0	38	20	6	118
4	mechanism (D80-D89)	М	2	0	2	1	2	7
	mechanism (Doo-Doy)	F <b>T</b>	1 3	0 <b>0</b>	2	0 <b>1</b>	2 <b>4</b>	3 <b>10</b>
IV.	ENDOCRINE, NUTRITIONAL AND	M	448	33	828	815	193	2317
14.	METABOLIC DISEASES (E00-E89)	F	384	19	487	514	164	1568
	METABOLIC BIOLINGES (LOG EG)	T	832	52	1315	1329	357	3885
20	Malnutrition (E40-E46)	M	12	0	0	1329	0	23
20		F	9	0	0	7	1	17
		T	21	0	0	18	1	40
1	Kwashiorkor (E40)	M	0	0	0	0	0	0
	TW#3INOIROI (E 10)	F	0	0	0	1	0	1
		T	0	0	0	1	0	1
2	Nutritional marasmus (E41)	M	0	0	0	0	0	0
		F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
3	Other protein-energy malnutrition (E42-	Μ	12	0	0	11	0	23
	E46)	F	9	0	0	6	1	16
	,	Т	21	0	0	17	1	39
21	Endocrine, other nutritional and metabolic	Μ	436	33	828	804	193	2294
	diseases (E00-E34 & E50-E89)	F	375	19	487	507	163	1551
		T	811	52	1315	1311	356	3845
1	Disorders of thyroid gland (E00-E07)	Μ	10	0	2	0	0	12
		F	31	0	1	4	2	38
		T	41	0	3	4	2	50
2	Diabetes mellitus (E10-E14)	Μ	373	33	812	783	183	2184
		F	306	19	479	484	152	1440
		T	679	52	1291	1267	335	3624

M.G/			Centres					
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
3	All other nutritional deficiencies (E50-E64)	Μ	1	0	0	3	0	4
		F	2	0	0	1	0	3
		T	3	0	0	4	0	7
4	All other endocrine and metabolic diseases	Μ	52	0	14	18	10	94
	(E15-E34 & E65-E89)	F	36	0	7	18	9	70
		T	88	0	21	36	19	164
٧.	MENTAL AND BEHAVIOURAL	М	28	0	1	0	4	33
	DISORDERS (F01-F99)	F	3	0	0	0	3	6
nn	1. 1. 1. 1. 1. (Fat Fax)	T	31	0	1	0	7	39
22	Mental and behavioural disorders (F01-F99)	M	28	0	1	0	4	33
		F	3	0	0	0	3	6
- 1	Mental and behavioural disorders due to	T	31	0	1	0	7	39
ı	psychoactive substance use (F10-F19)	M F	23	0	0	0	3 2	26
	psychoactive substance use (1-10-1-17)	T	23	0	0	0 <b>0</b>	5	2 28
7	Schizophrenia, schizotypal & delusional	M	23	0	0	0	0	20
	disorders (F20-F29)	F	2	0	0	0	0	2
		T	4	0	0	0	0	4
3	All other mental and behavioural disorders	M	3	0	1	0	1	5
_	(F01-F09, F30-F99)	F	1	0	0	0	1	2
		Т	4	0	1	0	2	7
VI.	DISEASES OF THE NERVOUS	Μ	96	3	10	91	51	251
	SYSTEM (G00-G98)	F	61	0	8	84	39	192
		T	157	3	18	175	90	443
23	Inflammatory diseases of the central	Μ	59	1	2	25	13	100
	nervous system (G00-G09)	F	39	0	4	16	5	64
		T	98	1	6	41	18	164
1	Meningitis (G00 & G03)	Μ	29	1	2	13	4	49
		F	17	0	0	9	3	29
		T	46	1	2	22	7	78
2	Encephalitis, myelitis and encephalomyelitis	M	19	0	0	10	7	36
	(G04)	F	16	0	2	5	2	25
ŋ		T	35	0	2	15	9	61
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	11	0	0	2	2	15
	mervous system (G00, G08-G09)	F <b>T</b>	6	0	2	2	0	10
24	Other diseases of the narrous system (C10)		17	0	2	4	20	25
L4	Other diseases of the nervous system (G10-G98)	M F	37	2	8	66 68	38	
	(370)	T	22 <b>59</b>	0 <b>2</b>	4 12	68 <b>134</b>	34 <b>72</b>	
1	Alzheimer's disease (G30)	M	0	0	0	0	0	0
'	2 Marienner 5 Character (CL30)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2	Epilepsy (G40-G41)	Μ	6	2	0	4	3	15
		F	5	0	0	3	1	9
		T	11	2	0	7	4	24
3	All other diseases of the nervous system	Μ	31	0	8	62	35	136
	(G10-G25, G31, G35-G37, G43-G98)	F	17	0	4	65	33	119
		T	48	0	12	127	68	255
VII.	DISEASES OF THE EYE AND	M	0	0	0	0	0	0
	ADNEXA (H00-H59)	F	0	0	0	0	1	1
		T	0	0	0	0	1	1
25	Disease of the eye and adnexa (H00-H59)	Μ	0	0	0	0	0	0
		F	0	0	0	0	1	1
	5. (1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	T	0	0	0	0	1	1
1	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0
		F	0	0	0	0	1	1
VIII.	DISEASES OF THE EAR AND	T	0	0	0	0	1	1
VIII.	MASTOID PROCESS (H60-H95)	M	1	0	0	0	0	1
	MASTOID FROCESS (1100-1193)	F <b>T</b>	0	0	0	0	0	0
26	Diseases of the ear and mastoid process	M	1	0	0	0	0	<u> </u>
Zu	(H60-H93)	F	0	0	0	0	0	0
	(1100-1173)	$\mathbf{T}$	1	0	0	0	0	1
1	Diseases of the ear and mastoid process	M	1	0	0	0	0	1
•	(H60-H93)	F	0	0	0	0	0	0
	(C-00 -00)	T	1	0	0	0	0	1
IX.	DISEASES OF THE CIRCULATORY	M	1651	897	1096	1488	460	5592
	SYSTEM (I00-I99)	F	1150	525	715	1032	366	3788
		T	2801	1422	1811	2520	826	9380
27	Acute rheumatic fever and chronic	Μ	40	5	4	21	1	71
	rheumatic heart diseases (I00-I09)	F	60	8	8	61	8	145
		T	100	13	12	82	9	216
1	Acute rheumatic fever (I00-I02)	Μ	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)	Μ	40	5	4	21	1	71
		F	60	8	8	61	8	145
		T	100	13	12	82	9	216
28	Hypertensive diseases (I10-I15)	Μ	180	148	288	176	84	876
		F	92	77	207	104	72	552
		T	272	225	495	280	156	1428
1	Hypertensive heart disease (I11)	Μ	146	89	0	117	57	409
		F	76	47	0	77	55	255
		T	222	136	0	194	112	664

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2	All other hypertensive diseases (I10, I12-	Μ	34	59	288	59	27	467
	I15)	F	16	30	207	27	17	297
		T	50	89	495	86	44	764
29	Ischaemic heart diseases (I20-I25)	Μ	664	258	295	459	181	1857
		F	457	147	153	234	117	1108
		T	1121	405	448	693	298	2965
1	Acute myocardial infarction (I21-I22)	Μ	136	234	142	168	32	712
		F	86	130	70	85	26	397
		T	222	364	212	253	58	1109
2	All other ischaemic heart diseases (I20 &	Μ	528	24	153	291	149	1145
	I23-I25)	F	371	17	83	149	91	711
		T	899	41	236	440	240	1856
30	Diseases of pulmonary circulation and other	М	171	86	338	129	60	784
	forms of heart disease (I26-I51)	F	103	53	256	110	48	
		T	274	139	594	239	108	
1	Pulmonary heart disease and diseases of	Μ	52	69	7	129	19	276
	pulmonary circulation (I26-I28)	F	25	44	16	110	18	213
		T	77	113	23	239	37	489
2	Other forms of heart diseases (I30-I51)	M	119	17	331	0	41	508
		F	78	9	240	0	30	357
nı.	0 1 1 1 (7.0 7.0)	T	197	26	571	0	71	865
31	Cerebrovascular diseases (I60-I69)	M	541	269	136	652	124	1722
		F	388	164	73	505	118	1248
	0 1 1 1 (7(0.1(0))	T	929	433	209	1157	242	2970
ı	Cerebrovascular diseases (I60-I69)	М	541	269	136	652	124	1722
		F	388	164	73	505	118	1248
32		T	929	433	209	1157	242	2970
۵۷	Other diseases of the circulatory system (I70-I99)	М	55	131	35	51	10	282
	(1/0-199)	F	50	76	18	18	3	165
- 1	\d.	T	105	207	53	69	13	
ı	Atherosclerosis (I70)	M F	4	0	0	0	1	5
		г Т	1	0	2	0	0	3
2	Arterial embolism and thrombosis (I74)		5	0	2	0	1	8
	211 CHAI CHIDOHSHI ANG UHOHIDOSIS (1/4)	M F	2 2	16	1	1	1 0	21
		г Т	4	16 <b>32</b>	2	1	1	19 <b>40</b>
3	Other diseases of arteries, arterioles &	M	43	115	22	36	5	221
u	capillaries (I71-I73 & I77-I78)	M F	37	60	7	<i>3</i> 0	0	113
	(1/1 1/3 & 1//-1/0)	г Т	80	175	29	-		
4	Phlebitis, thrombophlebitis, venous	M		0		<b>45</b> 5	5 1	334
7	embolism and thrombosis (180-182)	M F	2 9		5			13
	(100-102)		-	0	0	5 10	1	15
		T	11	0	5	10	2	28

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kachi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
5	All other diseases of the circulatory system	Μ	4	0	7	9	2	22
	(183-199)	F	1	0	8	4	2	15
		T	5	0	15	13	4	37
Х.	DISEASES OF THE RESPIRATORY	Μ	752	426	302	560	243	2283
	SYSTEM (J00-J98)	F	440	213	128	263	101	1145
		T	1192	639	430	823	344	
33	Diseases of the upper respiratory tract (J00-	Μ	0	50	0	3	0	53
	J06 & J30-J39)	F	0	34	0	0	0	34
	1 1	T	0	84	0	3		
I	Acute pharyngitis and acute tonsillitis (J02-	M	0	0	0	0	0	0
	J03)	F	0	0	0	0	0	0
2	A section of the sect	T	0	0	0	0	0	0
	Acute laryngitis and tracheitis (J04)	M F	0	0	0	0	0	0
		T	0	0 <b>0</b>	0 <b>0</b>	0 <b>0</b>	0	0
3	Other acute upper respiratory infections	M	0	50	0	0	0	50
	(J00-J01 & J05-J06)	F	0	34	0	0	0	34
	(100 )01 & 100 )	T	0	84	0	0	0	84
4	All other diseases of upper respiratory tract	M	0	0	0	3	0	3
	(J30-J39)	F	0	0	0	0	0	0
		T	0	0	0	3	0	3
34	Lower respiratory diseases (J20-J22 & J40-	M	347	331	160	424	159	1421
	J47)	F	163	148	64	173	41	589
		T	510	479	224	597	200	2010
1	Acute bronchitis and acute bronchiolitis	Μ	0	0	1	0	0	1
	(J20-J21)	F	0	0	0	0	1	1
		T	0	0	1	0	1	2
2	Bronchitis, chronic and unspecified,	Μ	4	0	0	3	0	7
	emphysema (J40-J43)	F	0	0	0	3	1	4
		T	4	0	0	6	1	11
3	Asthma (J45-J46)	Μ	6	62	6	4	3	
		F	21	25	10	29	7	92
		T	27	87	16	33		
4	Other lower respiratory disorders (J22, J44	M	337	269	153	417	156	
	& J47)	F	142	123	54	141	32	
ηr		T	479	392	207	558		
35	Other diseases of the respiratory system	M	405	45	142	133	84	
	(J10-J18, J60-J98)	F	277	31	64	90	60	
1	I (140 I44)	T	682	76	206	223		
1	Influenza (J10-J11)	М	2	0	0	1	0	3
		F	4	0	0	2	0	6
		T	6	0	0	3	0	9

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2	Pneumonia (J12-J18)	Μ	171	21	131	66	36	425
		F	140	16	50	33	22	261
		T	311	37	181	99	58	686
3	Pleurisy (J90)	$\mathbf{M}$	5	1	0	7	7	20
		F	1	0	1	6	1	9
		T	6	1	1	13	8	29
4	All other diseases of the respiratory system	Μ	227	23	11	59	41	361
	(J60-J86, J92-J98.)	F	132	15	13	49	37	246
VI		T	359	38	24	108	78	607
XI.	DISEASES OF THE DIGESTIVE	Μ	598	154	566	409	117	1844
	SYSTEM (K00-K92)	F	144	46	104	141	31	466
nn.	B: ( ) ; ); )	T	742	200	670	550	148	2310
36	Diseases of oral cavity, salivary glands and	M	1	0	0	1	0	2
	jaws (K00-K14)	F	0	0	1	0	0	1
	D' ( 1 ' 1 1 1 1 1	T	1	0	1	1	0	3
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	М	1	0	0	1	0	2
	Jaws (K00-K14)	F	0	0	1	0	0	1
37	Discourse of the section of the section	T	1	154	1	100	117	1040
91	Diseases of the other parts of digestive system (K20-K92)	M	597	154	566	408	117	1842
	system (K20-K92)	F	144	46	103	141	31	465
1	Gastric and duodenal ulcer (K25-K27)	T	741	200	669	549	148	2307
'	Gastric and duoderial dicer (K23-K27)	M F	3 2	0	2	3	3	11
		T	5	0	2	3	3	13
2	Gastritis and duodenitis (K29)	M	0	0	0	2	0	2
	Gastrids and duodernits (1927)	F	1	0	0	1	0	2
		T	1	0	0	3	0	4
3	Diseases of appendix (K35-K38)	M	0	0	0	1	0	1
	2 is caused of appearant (1250 1250)	F	0	0	0	1	1	2
		T	0	0	0	2	1	3
4	Hernia (K40-K46)	M	12	0	1	2	0	15
		F	6	0	2	6	0	14
		T	18	0	3	8	0	29
5	Paralytic ileus and intestinal obstruction	M	16	0	4	8	4	32
	without hernia (K56)	F	7	0	5	10	2	24
	. ,	T	23	0	9	18	6	56
6	Peritonitis (K65)	Μ	39	3	2	16	6	66
	, , ,	F	23	0	0	12	4	39
		T	62	3	2	28	10	105
7	Diseases of the liver (K70-K76)	Μ	476	151	539	320	74	1560
	, in the second	F	86	41	86	84	18	315
		T	562	192	625	404	92	1875

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
8	Cholelithiasis and cholecystitis (K80-K81)	Μ	9	0	0	8	0	17
		F	2	0	1	2	0	5
		T	11	0	1	10	0	22
9	Disorders of the pancreas	Μ	34	0	6	13	7	60
		F	10	0	3	3	1	17
		T	44	0	9	16	8	77
10	All other diseases of the other parts of	Μ	8	0	12	35	23	78
	digestive system (K20-K22, K28, K30-K31,	F	7	5	6	22	5	45
	K50-K55, K57-K63, K66, K82-K83 & K90- K92)	T	15					
XII.	DISEASES OF THE SKIN AND		15 40	5	18 3	<b>57</b> 15	<b>28</b> 5	123
AII.	SUBCUTANEOUS TISSUE (L00-L98)	M F	13	0	0	16	2	63
	BODGETAINE CO TIBBEE (E00 E70)	T	53	0	3	31	7	94
38	Diseases of the skin and subcutaneous	M	40	0	3	15	5	63
	tissue (L00-L98)	F	13	0	0	16	2	31
	,	T	53	0	3	31	7	94
1	Infections of the skin and subcutaneous	Μ	37	0	2	9	3	51
	tissue (L00-L08)	F	11	0	0	9	2	22
		T	48	0	2	18	5	73
2	All other diseases of the skin and	Μ	3	0	1	6	2	12
	subcutaneous tissue (L10-L98)	F	2	0	0	7	0	9
		T	5	0	1	13	2	21
XIII.	DISEASES OF THE	Μ	16	0	0	13	8	37
	MUSCULOSKELETAL SYSTEM AND	F	38	0	2	34	6	80
00	CONNECTIVE TISSUE (M00-M99)	T	54	0	2	47	14	117
39	Diseases of the musculoskeletal system and	M	16	0	0	13	8	37
	connective tissue (M00-M99)	F	38	0	2	34	6	80
1	Rheumatoid arthritis and other	T	54	0	2	47	14	117
	inflammatory polyarthropathies (M05-M13)	M F	0	0	0	3	0	3 5
		г Т	1 1	0	0	4 7	0	8
2	Osteomyelitis (M86)	M	1	0	0	2	0	3
_	Osteoniyenus (Nioo)	F	1	0	0	0	1	2
		T	2	0	0	2	1	5
3	All other diseases of the musculoskeletal	M	15	0	0	8	8	31
	system and connective tissue (M00-M02,	F	36	0	2	30	5	73
	M15-M85, M87-M99)	T	51	0	2	38	13	104
XIV.	DISEASES OF THE GENITOURINARY	Μ	183	95	38	164	30	510
	SYSTEM (N00-N99)	F	118	40	26	121	16	321
		T	301	135	64	285	46	831
40	Diseases of urinary system (N00-N39)	Μ	181	95	35	159	28	498
		F	118	40	26	118	15	317
		T	299	135	61	277	43	815

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
1	Glomerular diseases (including Nephritic	Μ	9	0	5	117	1	132
	Synodrome) (N00-N07)	F	8	0	0	53	2	63
		T	17	0	5	170	3	195
2	Renal tubulo-interstitial diseases (N10-N15)	Μ	9	0	0	10	9	28
		F	4	0	0	6	1	11
		T	13	0	0	16	10	39
3	Renal failure (N17-N19)	Μ	126	68	20	9	14	237
		F	67	29	12	7	11	126
		T	193	97	32	16	25	363
4	Urolithiasis (N20-N23)	Μ	1	0	0	1	1	3
		F	1	0	1	0	0	2
		T	2	0	1	1	1	5
5	Other disorders of kidney and ureter (N25-	Μ	1	27	9	0	1	38
	N28)	F	2	11	13	1	1	28
		T	3	38	22	1	2	66
6	All other diseases of urinary system (N30-	Μ	35	0	1	22	2	60
	N39)	F	36	0	0	51	0	87
		T	71	0	1	73	2	147
41	Other diseases of the genitourinary system	Μ	2	0	3	5	2	12
	(N40-N99)	F	0	0	0	3	1	4
		T	2	0	3	8	3	16
1	Hyperplasia of prostate (N40)	Μ	0	0	3	5	1	9
		T	0	0	3	5	1	9
2	All other diseases of male genital organs	Μ	2	0	0	0	1	3
	(N41-N50)	T	2	0	0	0	1	3
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	F	0	0	0	3	1	4
	(N60-N64 & N71-N99)	T	0	0	0	3	1	4
XV.	PREGNANCY, CHILDBIRTH AND	F	7	1	2	18	1	29
	THE PUERPERIUM (O00-O99)	T	7	1	2	18	1	29
42	Pregnancy with abortive outcome (O00-	F	0	0	0	0	0	0
	O08)	T	0	0	0	0	0	0
1	Spontaneous abortion (O03)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
2	Medical abortion (O04)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Other pregnancies with abortive outcome	F	0	0	0	0	0	0
	(O00-O02 & O05-O08)	T	0	0	0	0	0	0
43	Other direct obstetric deaths (O10-O92)	F	7	1	1	16	1	26
		T	7	1	1	16	1	26

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
1	Oedema, proteinuria and hypertensive	F	1	1	1	9	1	13
	disorders in pregnancy, childbirth and the	T	1	1	1	9	1	13
2	Infections of genitourinary tract in	F	0	0	0	0	0	0
	pregnancy (O23)	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	F	3	0	0	0	0	3
	the puerperium (O85-O92)	T	3	0	0	0	0	3
5	Other complications of pregnancy and	F	3	0	0	7	0	10
	delivery (O20-O22, O24-O63 & O67-O84)	T	3	0	0	7	0	10
44	Other obstetric conditions, not elsewhere	F	0	0	1	2	0	3
	classified (O95-O99)	T	0	0	1	2	0	3
1	Indirect obstetric deaths (O98-O99)	F	0	0	1	2	0	3
		T	0	0	1	2	0	3
2	All other obstetric conditions, not	F	0	0	0	0	0	0
	elsewhere classified (O95-O97)	T	0	0	0	0	0	0
XVI.	CERTAIN CONDITIONS	Μ	206	24	80	373	43	726
	ORIGINATING IN THE PERINATAL	F	156	10	63	270	26	525
	PERIOD (P00-P96)	T	362	34	143	643	69	1251
45	Certain conditions originating in the	Μ	206	24	80	373	43	726
	perinatal period (P00-P96)	F	156	10	63	270	26	525
		T	362	34	143	643	69	1251
1	Slow fetal growth, fetal malnutrition and	Μ	84	16	52	143	11	306
	immaturity (P05-P07)	F	69	7	45	109	10	240
		T	153	23	97	252	21	546
2	Birth trauma (P10-P15)	Μ	0	0	0	1	0	1
		F	0	0	0	0	1	1
		T	0	0	0	1	1	2
3	Hypoxia, birth asphyxia and other	Μ	72	8	20	83	27	210
	respiratory conditions (P20-P28)	F	49	3	11	60	8	131
		T	121	11	31	143	35	341
4	Haemolytic disease of fetus and new-born	Μ	0	0	0	8	0	8
	(P55)	F	0	0	0	6	0	6
		T	0	0	0	14	0	14
5	Other perinatal jaundice (P58-P59)	Μ	0	0	0	0	1	1
		F	2	0	0	0	0	2
		T	2	0	0	0	1	3
6	All other conditions originating in the	Μ	50	0	8	138	4	200
	perinatal period (P00-P04, P08, P29-P54,	F	36	0	7	95	7	145
	P56-P57, P60-P96.)	T	86	0	15	233	11	345

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
XVII.	CONGENITAL MALFORMATIONS,	Μ	90	0	69	206	12	377
	DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	F	84	0	16	148	13	261
	(Q00-Q99)	T	174	0	85	354	25	638
46	Congenital malformations, deformations	Μ	90	0	69	206	12	377
	and chromosomal abnormalities (Q00-Q99)	F	84	0	16	148	13	261
		T	174	0	85	354	25	638
1	Spina bifida (Q05)	Μ	0	0	0	1	1	2
		F	0	0	0	2	0	2
_		T	0	0	0	3	1	4
2	Congenital malformations of the circulatory	Μ	44	0	26	102	1	173
	system (Q20-Q28)	F	50	0	0	87	6	143
3	Cl. 6.17 1.1.6 1 . (O25 O27)	T	94	0	26	189	7	316
٥	Cleft lip and cleft palate (Q35-Q37)	М	0	0	27	0	0	27
		F <b>T</b>	0	0	0	0	0	0
	All other congenital malformations,	1	0	0	27	0	0	27
4	deformations and chromosomal	Μ	46	0	16	103	10	175
	abnormalities, not elsewhere classified (Q00-Q04, Q06-Q18, Q30-Q34 & Q38-Q99)	F	34	0	16	59	7	116
		T	80	0	32	162	17	291
XVIII.	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY	M	75	169	8	44	62	358
	FINDINGS, NOT ELSEWHERE	F	74	196	3	15	24	312
/7	CLASSIFIED (R00-R99)	T	149	365	11	59	86	670
47	Symptoms, signs and abnormal clinical and	М	75 7.1	169	8	44	62	358
	laboratory findings, not elsewhere classified (R00-R99)	F	74	196	3	15	24	312
1	,	T	149	365	11 0	59	<b>86</b>	670
1	Abdominal and pelvic pain (R10)	M F	0	0	0	0	0	0
		T	0	0	•	0	0	0
2	Ascites (R18)	M	0	0	0	0	0	0
_	riscites (itro)	F	1	0	0	0	0	1
		T	1	0	0	0	0	1
3	Somnolence, stupor and coma (R40)	M	0	0	0	0	0	0
_	(10.0)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
4	Fever of unknown origin (R50)	M	23	0	1	0	1	25
		F	25	1	0	0	0	26
		T	48	1	1	0	1	51
5	Senility (R54)	Μ	33	169	1	2	0	205
		F	34	195	0	0	0	229
		T	67	364	1	2	0	434

M.G/								
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
6	Syncope and collapse (R55)	Μ	0	0	0	0	0	0
		F	1	0	0	0	0	1
		T	1	0	0	0	0	1
7	Convulsions, not elsewhere classified (R56)	Μ	0	0	0	1	1	2
		F	1	0	0	0	1	2
		T	1	0	0	1	2	4
8	Shock, not elsewhere classified (R57)	Μ	1	0	2	1	3	7
		F	2	0	1	0	0	3
		T	3	0	3	1	3	10
9	All other symptoms, signs and abnormal	Μ	18	0	4	40	57	119
	clinical and laboratory findings, not	F	10	0	2	15	23	50
	elsewhere classified (R00-R09, R11-R17, R19-R39, R41-R49, R51-R53, R58-R99)	Т	28	0	6	55	80	169
	INJURY, POISONING AND CERTAIN	_	20	U	0	33	00	107
XIX.	OTHER CONSEQUENCES OF	Μ	300	93	263	175	72	903
	EXTERNAL CAUSES (S00-T98)	F	115	34	45	53	28	275
	, ,	T	415	127	308	228	100	1178
48	Fractures (S02, S12, S22, S32, S42, S52, S62,	Μ	4	60	4	0	12	80
	S72, S82, S92, T02, T08, T10 & T12)	F	2	13	2	0	7	24
		T	6	73	6	0	19	104
1	Fracture of skull and facial bones (S02)	М	0	49	0	0	2	51
		F	0	12	0	0	2	14
2	E	T	0	61	0	0	4	65
	Fracture of neck, thorax or pelvis (S12, S22, S32 & T08)	M	1	11	3	0	6	21
	532 & 100)	F <b>T</b>	0	1	1	0	1 7	3
3	Fracture of upper limb (S42, S52, S62 &	M	0	<b>12</b>	<b>4</b>	0	0	<b>24</b>
u	T10)	F	1	0	0	0	1	2
		T	1	0	0	0	1	2
4	Fractures of lower limb (S72, S82, S92 &	M	3	0	0	0	4	7
	T12)	F	1	0	1	0	3	5
	,	T	4	0	1	0	7	12
5	Fractures involving multiple body regions,	M	0	0	1	0	0	1
	and of unspecified body region (T02)	F	0	0	0	0	0	0
		T	0	0	1	0	0	1
49	Dislocations, sprains and strains of	Μ	1	0	1	5	0	7
	specified and multiple body regions (S03, S13, S23, S33, S43, S53, S63, S73, S83, S93,	F	0	0	0	3	0	3
	T03)	T	1	0	1	8	0	10
50	Intracranial and internal injuries, including nerves (S04, S06, S14, S24, S26-S27, S34,	Μ	20	0	12	33	12	77
	S36-S37, S44, S54, S64, S74, S84 & S94)	F	3	0	3	9	1	16
		T	23	0	15	42	13	93

M.G/		<b>&gt;</b>		1	Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
51	Crushing injuries and traumatic amputations of specified and multiple body regions (S07-S08,	Μ	82	0	1	0	0	83
	\$17-\$18, \$28, \$38, \$47-\$48, \$57-\$58, \$67-\$68,	F	24	0	0	0	0	24
	S77-S78, S87-S88, S97-S98, T04-T05)	Т	106	0	1	0	0	107
	Other injuries of specified, unspecified and		100					10.
52	multiple body regions (800-801, 805, 809-811, S15-816, S19-821, S25, S29-831, S35, S39-841, S45, S46, S40, S51, S51, S55, S50, S41, S45, S46, S40, S51, S51, S55, S50, S41, S45, S46, S40, S45, S46, S40, S47, S47, S47, S47, S47, S47, S47, S47	М	0	0	204	111	34	349
	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-	F	0	0	3	32	5	40
	T14)	Т	0	0	207	143	39	389
53	Effects of foreign body entering through	M	0	0	207	143	0	3
	natural orifice (T15-T19)	F	0	0	0	2	0	2
	,	Т	0	0	2	3	0	5
54	Burns and Corrosions (T20-T32)	Μ	9	0	11	0	3	23
		F	25	1	28	0	12	66
		T	34	1	39	0	15	89
55	Poisonings by drugs & biological substances;	Μ	87	33	21	0	9	150
	and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-	F	38	20	7	1	3	69
	T65)	Т	125	53	28	1	12	219
56	Other and unspecified effects of external	Μ	26	0	7	0	0	33
	causes and certain early complications of	F	11	0	2	1	0	14
	trauma (T33-T35, T66-T79)	T	37	0	9	1	0	47
57	Complications of Surgical and Medical care,	Μ	1	0	0	15	0	16
	not elsewhere classified (T80-T88)	F	0	0	0	3	0	3
58	I at a effect a finite size of the incoming and a f	T	70	0	0	18	0	19
00	Late effects of injuries, of poisoning and of other consequences of external causes (T90-	M F	70 12	0	0	10 2	2 0	82 14
	T98)	T	82	0	0	12	2	96
XX.	EXTERNAL CAUSES OF MORBIDITY	M	139	90	294	324	40	887
	AND MORTALITY (V01-Y89)	F	57	37	52	178	8	332
		T	196	127	346	502	48	1219
E48	Transport accidents (V01-V99)	Μ	66	48	207	164	16	501
		F	18	15	1	30	2	66
		T	84	63	208	194	18	567
1	Railway accidents (V05, V15, V80.6, V81,	M	0	7	1	3	0	11
	V82.2, V87.6 & V88.6)	F	0	5	1	1	0	7
	Motor vehicle traffic accidents (V02-V04, V09.2-	T	0	12	2	4	0	18
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,	М	9	41	178	161	16	405
	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-	F	3	10	0	29	2	44
	V80.5, V82.	T	12	51	178	190	18	449

M.G/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
3	Other road vehicle accidents (V01, V06, V09.9,	Μ	0	0	28	0	0	28
	V10-V11, V16-V18, V19.8, V29.8, V39.8, V49.8,	F	0	0	0	0	0	0
	V59.8, V69.8, V79.8, V80.0-V80.2, V80.7-V80.9, V82.3-V82.7, V82.9 & V89.1)	Т	0	0	28	0	0	28
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)	Μ	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,	M	57	0	0	0	0	57
	V79.0-V79.3, V82.0, V82.8, V83-V86, V88.0-V88.5, V88.7-V88.9, V89.0, V89.9,	F	15	0	0	0	0	15
	V98-V99)	T	72	0	0	0	0	72
E49	Accidental Falls (W00-W19)	Μ	12	5	38	35	0	90
		F	4	1	9	6	0	20
LEU	A 11 . 11 . AVICE	T	16	6	47	41	0	110
E50	Accidental drowning and submersion (W65-W74)	M	12	4	3	3	1	23
	(	F <b>T</b>	4 <b>16</b>	0 <b>4</b>	0 <b>3</b>	3 <b>6</b>	1 2	8 <b>31</b>
E51	Exposure to smoke, fire and flames (X00-	M	0	0	12	26	0	38
	X09)	F	1	1	28	93	0	123
	,	T	1	1	40	119	0	161
E52	Accidental poisoning by and exposure to	Μ	0	0	13	1	2	16
	noxious substances (X40-X49)	F	0	0	4	0	0	4
		T	0	0	17	1	2	20
E53	Intentional self-harm (Suicide- attempted)	Μ	35	32	5	42	19	133
	(X60-X84)	F	16	20	7	20	5	68
FF.		T	51	52	12	62	24	201
E54	Assault (Homicide) (X85-Y09)	М	2	0	1	3	0	6
		F	1	0	0	2	0	3
E55	O.L., V.: 1 (V10 V20)	Т	3	0	1	5	0	9
600	Other Violence (Y10-Y36)	M	6	0	0	20	2	28
		F <b>T</b>	6 <b>12</b>	0 <b>0</b>	0 <b>0</b>	27	0 <b>2</b>	13 <b>41</b>
1	Event of undetermined intent (Y10-Y34)	M	6	0	0	20	2	28
	(110 154)	F	6	0	0	7	0	13
		T	12	0	0	27	2	41
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/					Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
3	Operations of war (Y36)	Μ	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	Μ	0	0	0	0	0	0
	(Y40-Y84)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
1	Drugs, medicaments and biological	Μ	0	0	0	0	0	0
	substances causing adverse effects in	F	0	0	0	0	0	0
	therapeutic use (Y40-Y59)	T	0	0	0	0	0	0
2	Misadventures during surgical & medical care, adverse incidents in diagnostic and	Μ	0	0	0	0	0	0
	therapeuticuse, abnormal reactions and late complications (Y60-Y69, Y70-Y82 & Y83-	F	0	0	0	0	0	0
	Y84)	T	0	0	0	0	0	0
E57	Other external causes of accidental injury,	M	6	1	15	30	0	52
	not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	F <b>T</b>	6 <b>12</b>	0 <b>1</b>	3 <b>18</b>	17 <b>47</b>	0 <b>0</b>	26 <b>78</b>
1	Accidents caused by machinery, and by	M	0	0	0	0	0	0
	cutting & piercing instruments (W24-W31)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
2	Accidents caused by firearm missile (W32-	Μ	0	0	0	0	0	0
	W34)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
3	Bites of snakes & other venomous animals	Μ	4	1	2	10	0	17
	(X20-X27)	F	6	0	1	6	0	13
		T	10	1	3	16	0	30
4	Sun stroke (X32)	Μ	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	Μ	2	0	13	20	0	35
	(W20-W23, W35-W64, W75-W99, X10-	F	0	0	2	11	0	13
rrn	X19, X28-X31, X33-X39 & X50-X59)	T	2	0	15	31	0	48
FDB	Late effects of external causes of morbidity	М	0	0	0	0	0	0
	and mortality (Y85-Y89)	F	1	0	0	0	0	1
	ALL CALISES MAJOR CROUD I	T	(25)	0	0	5.572	0	10(12
	ALL CAUSES (MAJOR GROUP I to XIX)	M	6256	2020	4153	5672	1511	19612
	AIA)	F T	4008 <b>10264</b>	1187 <b>3207</b>	2124 <b>6277</b>	3430 9102	956 <b>2467</b>	11705 31317
	ALL CAUSES (MAJOR GROUP I to	M	6395	2110	4447	5996	1551	20499
	XX)	F	4065	1224	2176	3608	964	12037
		T	10460	3334	6623	9604	2515	32536

Appendix – VIII
AGE WISE CAUSE OF DEATH UNDER MAJOR CAUSE GROUP

M.G/CA								AGI	GROUPS					
T./S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
I.	Certain infectious and parasitic diseases	Μ	22	12	14	34	57	124	247	340	155	360	0	1365
	(a00-b99)	F	23	13	21	29	52	84	113	137	73	259	1	805
		T	45	25	35	63	109	208	360	477	228	619	1	2170
II.	Neoplasms (c00-d48)	M	3	24	57	48	77	190	434	832	425	707	1	2798
		F	14	21	32	32	59	182	352	452	251	336	28	1759
		T	17	45	89	80	136	372	786	1284	676	1043	29	4557
III.	Diseases of the blood and blood-forming	Μ	4	3	6	10	10	13	14	27	13	54	0	154
	organs and certain disorders involving the immune mechanism ( d50-d89)	F	1	3	9	10	14	11	20	27	12	34	0	141
	,	T	5	6	15	20	24	24	34	54	25	88	0	295
IV.	Endocrine, nutritional and metabolic	Μ	6	4	2	9	27	84	298	663	359	865	0	2317
	diseases (e00-e89)	F	8	2	3	9	13	47	188	387	259	652	0	1568
		T	14	6	5	18	40	131	486	1050	618	1517	0	3885
V.	Mental and behavioural disorders (f01-	M	0	0	0	0	2	9	13	7	0	2	0	33
	f99)	F	0	0	0	0	0	1	0	1	0	4	0	6
		T	0	0	0	0	2	10	13	8	0	6	0	39

M.G/CA								AGE	GROUPS					
T./S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
VI.	Diseases of the nervous system (g00-g98)	Μ	10	13	12	9	17	23	26	49	32	60	0	251
		F	4	9	15	9	17	13	20	23	20	62	0	192
		T	14	22	27	18	34	36	46	72	52	122	0	443
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	1	0	1
		T	0	0	0	0	0	0	0		0	1	0	1
VIII.	Diseases of the ear and mastoid process	M	0	0	0	0	0	0	0	1	0	0	0	1
	(h60-h95)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	1	0	0	0	1
IX.	Diseases of the circulatory system (i00-i99)	M	10	5	24	37	95	237	711	1376	867	2146	84	5592
	199)	F	15	9	17	30	59	130	320	664	576	1912	56	3788
		T	25	14	41	67	154	367	1031	2040	1443	4058	140	9380
Χ.	Diseases of the respiratory system (j00-j98)	M	47	27	17	11	26	52	187	428	437	961	90	2283
		F	29	14	19	16	19	29	83	150	170	585	31	1145
		T	76	41	36	27	45	81	270	578	607	1546	121	3428
XI.	Diseases of the digestive system (k00-k92)	M	6	5	7	15	67	255	515	555	186	233	0	1844
		F	7	2	7	12	21	35	62	109	55	156	0	466
		T	13	7	14	27	88	290	577	664	241	389	0	2310
XII.	Diseases of the skin and subcutaneous	M	0	0	1	0	2	5	15	12	11	17	0	63
	tissue (100-198)	F	1	0	1	1	0	5	2	6	4	11	0	31
		T	1	0	2	1	2	10	17	18	15	28	0	94

M.G/CA								AGI	GROUPS					
T./S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
XIII.	Diseases of the musculoskeletal system and connective tissue ( m00-m99)	Μ	0	0	3	3	4	4	4	10	2	7	0	37
	and connective ussue (moo-m99)	F	0	0	6	13	14	12	12	8	4	11	0	80
		T	0	0	9	16	18	16	16	18	6	18	0	117
XIV.	Diseases of the genitourinary system (n00-n99)	M	2	2	6	12	18	29	83	111	94	153	0	510
	1199)	F	1	2	4	8	14	26	30	56	60	120	0	321
		T	3	4	10	20	32	55	113	167	154	273	0	831
XV.	Pregnancy, childbirth and the puerperium ( o00-o99)	M												
	000-099)	F	0	0	0	7	20	2	0	0	0	0	0	29
		T	0	0	0	7	20	2	0	0	0	0	0	29
XVI.	Certain conditions originating in the	Μ	726	0	0	0	0	0	0	0	0	0	0	726
	perinatal period (p00-p96)	F	524	1	0	0	0	0	0	0	0	0	0	525
		T	1250	1	0	0	0	0	0	0	0	0	0	1251
XVII.	Congenital malformations, deformations and chromosomal abnormalities (q00-q99)	M	319	15	15	13	7	4	2	2	0	0	0	377
	and enromosomai abnormandes ( q00-q99)	F	214	23	7	6	6	1	2	1	0	1	0	261
		T	533	38	22	19	13	5	4	3	0	1	0	638
	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere	Μ	5	2	4	3	18	16	37	33	14	226	0	358
1.	classified (r00-r99)	F	1	0	1	5	11	10	17	16	7	244	0	312
		T	6	2	5	8	29	26	54	49	21	470	0	670
XIX.	Injury, poisoning and certain other	M	2	3	9	97	137	133	176	163	62	121	0	903
	consequences of external causes ( s00-t98)	F	0	7	8	39	36	27	45	36	21	56	0	275
		T	2	10	17	136	173	160	221	199	83	177	0	1178

M.G/CA		(						AGE	GROUPS					
T./S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
XX.	External causes of morbidity and mortality	M	2	0	13	94	121	150	179	135	62	127	4	887
	(v01-y89)	F	0	10	11	51	53	43	49	35	28	52	0	332
		T	2	10	24	145	174	193	228	170	90	179	4	1219
	ALL CAUSES (MAJOR GROUP I to	M	1162	115	177	301	564	1178	2762	4609	2657	5912	175	19612
	XIX)	F	842	106	150	226	355	615	1266	2073	1512	4444	116	11705
		T	2004	221	327	527	919	1793	4028	6682	4169	10356	291	31317
	ALL CAUSES (MAJOR GROUP I to	M	1164	115	190	395	685	1328	2941	4744	2719	6039	179	20499
	XX)	F	842	116	161	277	408	658	1315	2108	1540	4496	116	12037
		T	2006	231	351	672	1093	1986	4256	6852	4259	10535	295	32536

Appendix - IX

Table showing MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST

OF TENTH REVISION OF ICD during the year2012

M.G/		_						AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
l.	CERTAIN INFECTIOUS AND PARASITIC DISEASES (A00-	M	22	12	14	34	57	124	247	340	155	360	0	1365
	B99)	F	23	13	21	29	52	84	113	137	73	259	1	805
		T	45	25	35	63	109	208	360	477	228	619	1	2170
1	Intestinal infectious diseases (A00-A09)	M	4	0	0	1	0	3	3	8	4	16	0	39
		F	2	1	1	1	1	2	1	5	3	15	О	32
		T	6	1	1	2	1	5	4	13	7	31	0	71
1	Cholera (A00)	M	0	0	0	0	0	О	О	0	0	0	0	0
		F	0	0	0	0	0	0	О	0	0	0	О	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Typhoid fever and paratyphoid fevers (A01)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	1	О	0	0	0	0	1
		T	0	0	0	0	0	1	0	0	0	0	0	1
3	Food poisoning (A02, A05)	Μ	0	0	0	0	0	0	0	0	0	0	О	0
		F	0	0	0	0	0	0	0	0	0	0	О	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
4	Shigellosis (A03)	Μ	0	0	0	0	0	0	0	0	0	0	О	0
		F	0	0	0	0	0	0	0	1	0	0	0	1
		T	0	0	0	0	0	0	0	1	0	0	0	1
5	Amoebiasis (A06)	M	0	0	0	0	0	1	1	0	0	1	0	3
		F	0	0	0	0	0	1	0	0	0	2	0	3
		T	0	0	0	0	0	2	1	0	0	3	0	6

M.G/								AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
6	Diarrhoea and gastroenteritis of presumed infectious origin (A09)	Μ	4	0	0	1	0	2	2	8	3	15	0	35
		F	2	1	1	1	1	0	1	4	3	13	0	27
		T	6	1	1	2	1	2	3	12	6	28	0	62
7	Other intestinal infectious diseases (A04, A07-A08)	Μ	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
2	Tuberculosis (A15-A19)	Μ	2	1	1	1	18	25	63	90	41	53	0	295
		F	0	0	1	12		15	18	13	9	21	1	102
		T	2	1	2	13		40	81	103	50	74	1	397
1	Respiratory tuberculosis (A15-A16)	Μ	1	0	0	0	13	21	52	78	36	47	0	248
		F	0	0	0	6	7	11	9	7	4	15	0	59
		T	1	0	0	6	_	32	61	85	40	62	0	307
2	Tuberculosis of nervous system (A17)	Μ	1	1	1	0	4	2	4	3	1	2	0	19
		F	0	0	0	2	4	3	4	3	0	3	0	19
		T	1	1	1	2	8	5	8	6	1	5	0	38
3	Tuberculosis of other organs & miliary tuberculosis (A18-A19)	M	0	0	0	1	1	2	7	9	4	4	0	28
		F	0	0	1	4	1	1	5	3	5	3	1	24
		T	0	0	1	5	2	3	12	12	9	7	1	52
3	Other bacterial diseases (A20-A49)	М	15	4	6	16		44	93	142	63	231	0	624
		F	18	7	4	11	24	23	53	86	43	176	0	445
	N (4.00)	T	33	11	10	27	34	67	146	228	106	407	0	1069
1	Plague (A20)	М	0	0	0	0	o l	0	0	2	2	1	0	5
		F	0	0	0	0	0	0	0	0	0	0	0	0
	1 (120)	T	0	0	0	0	0	0	0	2	2	1	0	5
2	Leprosy (A30)	М	0	0	0	0	Ŭ	0	0	0	1	5	0	6
		F	0	0	0	0	0	0	1	0	0	1	0	2
		T	0	0	0	0	0	0	1	0	1	6	0	8

M.G/	0.110.5 OF D.T.1.711	~						AGE GRO	UPS					TOT 4.1
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
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	C	0	0
		F	0	0	0	0	0	0	О	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
4	Other tetanus (A34-A35)	M	1	0	0	1	0	1	0	1	0	0	0	4
		F	1	0	0	0	0	1	О	0	0	0	0	2
		T	2	0	0		0	2	0	1	0	0		6
5	Diphtheria (A36)	M	0	0	0	0	0	0	О	0	0	C	0	0
		F	0	0	0	0	0	0	О	0	0	C	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
6	Whooping cough (A37)	M	0	0	0	0	0	0	О	О	0	C	0	0
		F	0	0	0	0	0	0	О	0	0	C	0	0
		T	0	0	0	0	0	0	0	0	0	0		0
7	Meningococcal infection (A39)	M	0	0	0	0	0	-	0	1	0	C	0	1
		F	0	0	0	0	0	0	0	0	0	C	0	0
		T	0	0	0	0	0	0	0	1	0	0		1
8	Septicaemia (A40-A41)	M	7	3	4	7	6	20		69		119	0	
		F	9	5	3	6	14	8	28	41	21	91	0	226
		T	16	8	7	13		28	68	110		210		526
	All other types of bacterial diseases (A21-A28, A31-A32, A38,	M	7	1	2	8	4	23	53	69		106	0	308
	A42-A49)	F	8	2	1	5	10	14	24	45		84		215
		T	15	3	3				77	114	57	190	0	523
	Infections with a predominantly sexual mode of transmission	M	0	0	0	0	0	0	0	1	0	1	0	2
	(A50-A64)	F	0	0	0	0	0	0	0	0	Ŭ	C		0
		T	0	0	0		0		0	1	0	1	0	2
1	Syphilis (A50-A53)	M	0	0	0	0	0	0	0	1	0	1	0	2
		F	0	0	0	0	0	0	0	0	0	C	0	0
		T	0	0	0	0	0	0	0	1	0	1	0	2

M.G/		_						AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
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	M	0	0	0	0	0	0	0	0	0	0	0	0
	transmission (A54-A64)	F	0	0	0	0	0	0	О	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	1	7	7	15	22	42	57	55	14	12	0	232
		F	3	5	14	4	11	30	31	19	13	25	0	155
		T	4	12	21	19	33	72	88	74	27	37	0	387
1	Acute poliomyelitis (A80)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	О	0	О	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Rabies (A82)	M	0	0	0	0	0	2	1	3	0	0	0	6
		F	0	0	1	0	0	0	1	0	0	0	0	2
		T	0	0	1	0	0	2	2	3	0	0	0	8
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)	М	0	0	2	4	2	0	2	2	0	2	0	14
		F	0	1	5	0	2	0	3	1	2	1	0	15
		T	0	1	7	4	4	0	5	3	2	3	0	29
5	Dengue fever (A90)	M	1	4	1	2	3	2	6	3	5	1	0	28
		F	1	2	1	0	0	1	2	5	2	3	0	17
		T	2	6	2	2	3	3	8	8	7	4	0	45
6	Other arthropod-borne viral fevers and viral haemorrhagic fevers	M	0	2	1	0	4	0	1	2	0	1	0	11
	(A91-A94, A96-A99)	F	0	2	3	0	1	1	7	1	1	3	0	19
		T	0	4	4	0	5	1	8	3	1	4	0	30

M.G/	0.4.05.05.05.47.11	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
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	О	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	1	0	0	0	0	0	О	0	0	0	0	1
		T	1	0	0	0	0	0	0	0	0	0	-	1
9	Acute Hepatitis B (B16)	M	0	0	1	1	2		16	24	2	5	0	55
		F	0	0	1	0	1	5	3	5	4	8	0	27
		T	0	0	2	1	3	9	19	29	6	13		82
10	Other viral hepatitis (B15, B17-B19)	M	0	0	0	5	4	5	9	6	7	3	0	39
		F	0	0	2	2	1	2	4	1	1	5	0	18
		T	0	0	2	7	5	7	13	7	8	8		57
11	Human immunodeficiency virus [HIV] disease (B20-B24)	M	0	0	1	1	6		18	9	0	0	0	64
		F	1	0	1	1	6	18	7	4	1	0	0	39
		T	1	0	2	2		47	25	13	1	0		103
12	All other types of viral diseases (A70-A74, A81, A87-A89, A95,	M	0	1	1	2	1	0	4	6	0	0	0	15
	B00-B02, B04, B06-B09 & B25-B34)	F	0	0	0	1	0	3	4	2	2	5	0	17
		T	0	1	1	3		3	8	8		5	0	32
6	Protozoal diseases (B50-B64)	M	0	0	0	0	2		1	1	0	0	0	6
		F	0	0	0	0	1	1	1	0	1	0		4
		T	0	0	0	0			2	1	1	0	0	10
1	Malaria (B50-B54)	M	0	0	0	0	2	1	1	1	0	0		5
		F	0	0	0	0	1	1	1	0	1	0	Ŭ	4
	111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T	0	0	0	0			2	1	1	0		9
2	All other types of protozoal diseases (B55-B64)	M	0	0	0	0	U	1	0	0	0	0		1
		F	0	0	0	0	0	0	0	0	0	0	_	0
		T	0	0	0	0	0	1	0	0	0	0	0	1

M.G/								AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
7	Other certain infectious & parasitic diseases and late effects of	M	0	0	0	1	5	8	30	43	33	47	0	167
	infectious & parasitic diseases (A65-A69 & A75-A79, B35-B49,	F	0	0	1	1	3	13	9	14	4	22	0	67
	B65-B99)	T	0	0	1	2	8	21	39	57	37	69	0	234
1	Filariasis (B74)	M	0	0	0	0	0	2	0	1	1	2	0	6
		F	0	0	0	0	0	0	0	2	0	2	0	4
		T	0	0	0	0	0	2	0	3	1	4	0	10
2	Other helminthiasis (B65-B73, B75, B77-B83)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	1	0	1
		T	0	0	0	0	0	0	0	1	0	1	0	2
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-	M	0	0	0	1	1	1	3	0	0	0	0	6
	A79)	F	0	0	0	1	0	0	О	0	1	1	0	3
		T	0	0	0	2	1	1	3	0	1	1	0	9
4	All other infectious & parasitic diseases and late effects of	M	0	0	0	0	4	5	27	41	32	45	0	154
	infectious & parasitic diseases (B35-B49, B76, B85-B99)	F	0	0	1	0	3	13	9	12	3	18	0	59
		T	0	0	1	0	7	18	36	53	35	63	0	213
II.	NEOPLASMS (C00-D48)	M	3	24	57	48	77	190	434	832	425	707	1	2798
		F	14	21	32	32	59	182	352	452	251	336	28	1759
		T	17	45	89	80	136	372	786	1284	676	1043	29	4557
8	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	1	0	0	4	18	36	63	29	41	0	192
		F	0	0	0	0	1	4	8	14	12	21	0	60
		T	0	1	0	0	5	22	44	77	41	62	0	252
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	1	0	0	4	18	36	63	29	41	0	192
		F	0	0	0	0	1	4	8	14	12	21	0	60
		T	0	1	0	0	5	22	44	77	41	62	0	252
9	Malignant neoplasms of digestive organs (C15-C26)	M	0	1	2	1	8	56	154	261	153	234	0	870
		F	0	0	0	3	8	29	61	89	58	102	0	350
		T	0	1	2	4	16	85	215	350	211	336	0	1220

M.G/	2.4425.25.25.45.4	~						AGE GRO	UPS					TOT
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Malignant neoplasm of oesophagus (C15)	Μ	0	0	0	0	1	8	22	37	34	27	0	129
		F	0	0	0	0	0	0	4	15	7	11	0	37
		T	0	0	0	0	1	8	26	52	41	38	0	166
2	Malignant neoplasm of stomach (C16)	Μ	0	0	0	1	2	14	36	47	23	47	0	170
		F	0	0	0	0	2	7	12	14	10	22	0	67
		T	0	0	0		4	21	48	61	33	69	0	237
3	Malignant neoplasm of small intestine including duodenum (C17)	Μ	0	0	2	0	0	0	1	0	2	1	0	6
		F	0	0	0	0	0	0	1	0	1	0	0	2
		T	0	0	2	0	0	0	2	0	~	1	0	8
4	Malignant neoplasm of colon (C18)	Μ	0	0	0	0	1	8	7	17	12	25	0	70
		F	0	0	0	1	2	7	9	12		13	0	52
		T	0	0	0		3	15	16	29		38	0	122
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and	Μ	0	0	0	0	0	4	19	21	8	21	0	73
	anal canal (C19-C21)	F	0	0	0	0	2	4	10	11	7	17	0	51
		T	0	0	0	0	2	8	29	32		38	0	124
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	0	1	0	0	4	12	45	97		76	0	290
		F	0	0	0	2	0	6	14	14	11	17	0	64
		T	0	1	0	2		18	59	111		93	0	354
7	Malignant neoplasm of pancreas (C25)	Μ	0	0	0		0	7	18	30		18	0	86
		F	0	0	0		1	5	8	14	11	10	0	49
		T	0	0	0		1	12	26	44	24	28	0	135
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	0	0	0	0	0	3	6	12		19	0	46
		F	0	0	0	0	1	0	3	9		12	0	28
		T	0	0	0	0	1	3	9	21		31	0	74
10	Malignant neoplasms of respiratory and intrathoracic organs (C30-		0	0	1	3	4	28	98	267	124	172	0	697
	C39)	F	0	0	0	1	2	15	26	38		32	0	132
		T	0	0	1	4	6	43	124	305	142	204	0	829

M.G/								AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Malignant neoplasm of larynx (C32)	Μ	0	0	0	0	0	1	8	21	13	15	0	58
		F	0	0	0	0	0	0	0	0	0	1	0	1
		T	0	0	0	0	0	1	8	21	13	16	0	59
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	Μ	0	0	0	1	4	23	90	246	111	155	0	630
		F	0	0	0	0	2	14	26	38	18	31	0	129
		T	0	0	0	1	6	37	116	284	129	186	0	759
3	Other malignant neoplasm of respiratory and intrathoracic organs	Μ	0	0	1	2	0	4	0	0	0	2	0	9
	(C30-C31, C37-C39)	F	0	0	0	1	0	1	О	0	0	0	0	2
		T	0	0	1	3	0	5	0	0	0	2	0	11
	Malignant neoplasms of bone, mesothelial and soft tissue, skin	Μ	0	0	5	6	3	9	11	15	3	12	0	64
	and breast (C40-C50)	F	1	1	2	0	11	44	87	108	54	37	19	364
		T	1	1	7	6	14	53	98	123	57	49	19	428
1	Malignant neoplasm of bone and articular cartilage (C40-C41)	Μ	0	0	3	3	0	3	5	5	0	3	0	22
		F	0	1	2	0	0	2	2	3	0	2	0	12
		T	0	1	5	3	0	5	7	8	0	5	0	34
2	Malignant melanoma of skin (C43)	Μ	0	0	0	0	1	0	1	2	0	2	0	6
		F	0	0	0	0	0	0	0	0	0	1	0	1
		T	0	0	0	0	1	0	1	2	0	3	0	7
3	Other malignant neoplasms of skin (C44)	M	0	0	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	0	0	0	1	1	0	2
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	Μ	0	0	2	3	2	6	5	8	3	6	0	35
		F	1	0	0	0	2	6	4	1	4	3	2	23
		T	1	0	2	3	4	12	9	9	7	9	2	58
5	Malignant neoplasm of breast (C50)	Μ	0	0	0	0	0	0	О	0	0	0	0	0
		F	0	0	0	0	9	36	81	104	49	31	17	327
		T	0	0	0	0	9	36	81	104	49	31	17	327

M.G/	2.4425.25.25.45.4	_						AGE GRO	UPS					TOT
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
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	0	0	1	2	2		40		98		188
		F	0	0	0	2	7	33	62	87	32	49	0	272
		T	0	0	0	3	9	35	75	127	64	147	0	460
1	Malignant neoplasm of cervix uteri (C53)	F	0	0	0	0	0	11	22	29	14	11	0	87
		T	0	0	0	0	0	11	22	29	14	11	0	87
2	Malignant neoplasm of other and unspecified parts of uterus (C54-	F	0	0	0	0	0	3	7	14	5	12	0	41
	C55)	T	0	0	0	0	0	3	7	14	5	12	0	41
3	Malignant neoplasm of ovary (C56)	F	0	0	0	1	6	18	32	41	10	22	0	130
		T	0	0	0	1	6	18	32	41	10	22	0	130
4	Malignant neoplasm of placenta (C58)	F	0	0	0	1	1	0	0	0	0	0	0	2
		T	0	0	0	1	1	0	0	0	0	0	0	2
5	Other malignant neoplasms of female genital organs (C51-C52,	F	0	0	0	0	0	1	0	1	0	0	0	2
	C57)	T	0	0	0	0	0	1	0	1	0	0	0	2
6	Malignant neoplasm of prostate (C61)	Μ	0	0	0	0	0	0	2	15	18	71	0	106
		T	0	0	0	0	0	0	2	15	18	71	0	106
7	Other malignant neoplasms of male genital organs (C60, C62-	Μ	0	0	0	0	2	1	0	1	1	0	0	5
	C63)	T	0	0	0	0	2	1	0	1	1	0	0	5
8	Malignant neoplasm of bladder (C67)	Μ	0	0	0	0	0	0	5	17	8	24	0	54
		F	0	0	0	0	0	0	О	1	3	3	0	7
		T	0	0	0	0	0	0	5	18	11	27	0	61
9	Other malignant neoplasms of urinary tract (C64-C66, C68)	M	0	0	0	1	0	1	6	7	5	3	0	23
		F	0	0	0	0	0	0	1	1	0	1	0	3
		T	0	0	0	1	0	1	7	8	5	4	0	26
13	Malignant neoplasms of eye, brain and other parts of central	M	0	6	7	2	6	9	17	14	6	9	0	76
	nervous system (C69-C72)	F	2	2	9	6	3	5	14	7	6	3	0	57
		T	2	8	16	8	9	14	31	21	12	12	0	133

M.G/		_						AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Malignant neoplasm of eye & adnexa (C69)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	О	О	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Malignant neoplasm of meninges, brain and other parts of central	Μ	0	6	7	2	6	9	17	14	6	9	0	76
	nervious system (C70-C72)	F	2	2	9	6	3	5	14	7	6	3	0	57
		T	2	8	16	8	9	14	31	21	12	12	0	133
14	Malignant neoplasms of other and unspecified sites (C73-C80 &	Μ	0	1	3	3	6	9	10	47	20	48	0	147
	C97)	F	1	2	1	3	2	6	31	30	22	21	9	128
		T	1	3	4	6	8	15	41	77	42	69	9	275
1	Malignant neoplasm of other, ill-defined, secondary, unspecified	Μ	0	1	3	3	6	9	10	47	20	48	0	147
	and multiple sites (C73-C80 & C97)	F	1	2	1	3	2	6	31	30	22	21	9	128
		T	1	3	4	6	8	15	41	77	42	69	9	275
15	Malignant neoplasms of lymphoid, haematopoietic and related	Μ	1	15	37	31	41	52	84	112	55	82	0	510
	tissue (C81-C96)	F	7	15	18	16	25	41	61	69	46	58	0	356
		T	8	30	55	47	66	93	145	181	101	140	0	866
1	Hodgkin's disease (C81)	Μ	0	0	1	0	2	2	4	7	0	3	0	19
		F	0	0	0	0	2	0	0	2	1	0	0	5
		T	0	0	1	0	4	2	4	9	1	3	0	24
2	Non-Hodgkin's lymphoma (C82-C85)	Μ	0	0	1	3	5	12	24	32	18	16	0	111
		F	0	0	0	2	0	8	16	15	9	17	0	67
		T	0	0	1	5	5	20	40	47	27	33	0	178
3	Multiple myeloma and malignant plasma cell neoplasms (C90)	Μ	0	0	0	0	1	10	17	25	12	25	0	90
		F	0	0	0	0	3	5	10	17	17	17	0	69
		T	0	0	0	0	4	15	27	42	29	42	0	159
4	Leukaemia (C91-C95)	Μ	1	14	35	28	32	26	34	41	19	32	0	262
		F	7	14	17	14		26	32	29	19	22	0	199
		T	8	28	52	42	51	52	66	70	38	54	0	461

M.G/	2.4425.25.25.45.4	_						AGE GRO	UPS					TOT
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
5	Other malignant neoplasms of lymphoid, haematopoietic and	M	0	1	0	0	1	2	5	7	6	6	0	28
	related tissue (C88 & C96)	F	0	1	1	0	1	2	3	6	0	2	0	16
		T	0	2	1	0	2	4	8	13	6	8	0	44
16	Carcinoma in situ (D00-D09)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	О	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
1	Carcinoma in situ (D00-D09)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	О	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
17	Benign neoplasms (D10-D36)	M	2	0	0	1	1	4	4	2	0	6	0	20
		F	1	0	0	0	0	2	1	5	0	6	0	15
		T	3	0	0	1	1	6	5	7	0	12	0	35
1	Leiomyoma of uterus (D25)	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	All other benign neoplasms (D10-D24 & D26-D36)	M	2	0	0	1	1	4	4	2	0	6	0	20
		F	1	0	0	0	0	2	1	5	0	6	0	15
		T	3	0	0	1	1	6	5	7	0	12	0	35
18	Other and unspecified neoplasm (D37-D48)	M	0	0	2	0	2	3	7	11	3	5	1	34
		F	2	1	2	1	0	3	1	5	3	7	0	25
		T	2	1	4	1	2	6	8	16	6	12	1	59
1	Other and unspecified neoplasm (D37-D48)	M	0	0	2	0	2	3	7	11	3	5	1	34
		F	2	1	2	1	0	3	1	5	3	7	0	25
		T	2	1	4	1	2	6	8	16	6	12	1	59
	DISEASES OF THE BLOOD AND BLOOD-FORMING	M	4	3	6	10	10	13	14	27	13	54	0	154
	ORGANS AND CERTAIN DISORDERS INVOLVING THE	F	1	3	9	10	14	11	20	27	12	34	0	141
	IMMUNE MECHANISM (D50-D89)	T	5	6	15	20	24	24	34	54	25	88	0	295

M.G/	0.4405.05.05.474	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
19	Diseases of the blood and blood-forming organs and certain	Μ	4	3	6	10	10	13	14	27	13	54	0	154
	disorders involving the immune mechanism (D50-D89)	F	1	3	9	10	14	11	20	27	12	34	0	141
		T	5	6	15	20	24	24	34	54	25	88	0	295
1	Thalassaemia (D56)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	1	0	0	О	0	0	0	0	1
		T	0	0	0	1	0	0	0	0	0	0	0	1
2	Other anaemias (D50-D55, D57-D64)	Μ	0	0	2	4	5	3	7	14	7	37	0	79
		F	0	0	5	5	5	7	14	16	7	28	0	87
		T	0	0	7	9	10	10	21	30	14	65	0	166
3	All other diseases of blood and blood-forming organs (D65-D76)	Μ	3	2	3	5	5	9	5	13	6	17	0	68
		F	1	3	4	4	8	4	5	11	4	6	0	50
		T	4	5	7	9	13	13	10	24	10	23	0	118
4	Certain disorders involving the immune mechanism (D80-D89)	Μ	1	1	1	1	0	1	2	0	0	0	0	7
		F	0	0	0	0	1	0	1	0	1	0	0	3
		T	1	1	1	1	1	1	3	0	1	0	0	10
IV.	ENDOCRINE, NUTRITIONAL AND METABOLIC	Μ	6	4	2	9	27	84	298	663	359	865	0	2317
	DISEASES (E00-E89)	F	8	2	3	9	13	47	188	387	259	652	0	1568
		T	14	6	5	18	40	131	486	1050	618	1517	0	3885
20	Malnutrition (E40-E46)	Μ	0	2	2	0	0	3	3	5	2	6	0	23
		F	1	2	0	0	0	1	4	2	0	7	0	17
		T	1	4	2	0	0	4	7	7	2	13	0	40
1	Kwashiorkor (E40)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	1	0	0	0	0	0	0	0	0	0	1
		T	0	1	0	0	0	0	0	0	0	0	0	1
2	Nutritional marasmus (E41)	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/	0.440.5.05.05.47.4	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3	Other protein-energy malnutrition (E42-E46)	Μ	0	2	2	0	0	3	3	5	2	6	0	23
		F	1	1	0	0	0	1	4	2	0	7	0	16
		T	1	3	2	0	0	4	7	7	2	13	0	39
	Endocrine, other nutritional and metabolic diseases (E00-E34 &	Μ	6	2	0	9	27	81	295	658	357	859	0	2294
	E50-E89)	F	7	0	3	9	13	46	184	385	259	645	0	1551
		T	13	2	3	18	40	127	479	1043	616	1504	0	3845
1	Disorders of thyroid gland (E00-E07)	Μ	0	0	0	0	1	1	O	2	3	5	0	12
		F	0	0	0	1	3	3	11	7	7	6	0	38
		T	0	0	0	1	4	4	11	9	10	11	0	50
2	Diabetes mellitus (E10-E14)	Μ	0	0	0	8	21	77	286	639	341	812	0	2184
		F	1	0	2	7	9	42	165	367	242	605	0	1440
		T	1	0	2	15	30	119	451	1006	583	1417	0	3624
3	All other nutritional deficiencies (E50-E64)	Μ	0	0	0	0	0	1	1	1	1	0	0	4
		F	0	0	0	0	0	0	O	0	1	2	0	3
		T	0	0	0	0	0	1	1	1	2	2	0	7
4	All other endocrine and metabolic diseases (E15-E34 & E65-E89)	Μ	6	2	0	1	5	2	8	16	12	42	0	94
		F	6	0	1	1	1	1	8	11	9	32	0	70
		T	12	2	1	2	6	3	16	27	21	74	0	164
٧.	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	Μ	0	0	0	0	2	9	13	7	O	2	0	33
		F	0	0	0	0	0	1	O	1	0	4	0	6
		T	0	0	0	0	2	10	13	8	0	6		39
22	Mental and behavioural disorders (F01-F99)	Μ	0	0	0	0	2	9	13	7	0	2	0	33
		F	0	0	0	0	0	1	0	1	0	4	0	6
		T	0	0	0	0	2	10	13	8	0	6	0	39
	Mental and behavioural disorders due to psychoactive substance	Μ	0	0	0	0	2	7	11	6	0	0	0	26
	use (F10-F19)	F	0	0	0	0	0	0	O	0	0	2	0	2
		T	0	0	0	0	2	7	11	6	0	2	0	28

M.G/	0.1.10.5.05.05.15.11	~						AGE GRO	UPS					TOT
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
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	1	1	0	0	0	2
		F	0	0	0	0	0	1	0	1	0	0	0	2
		T	0	0	0	0	0	1	1	2	0	0	0	4
3	All other mental and behavioural disorders (F01-F09, F30-F99)	M	0	0	0	0	0	2	1	0	0	2	0	5
		F	0	0	0	0	0	0	О	0	0	2	0	2
		T	0	0	0	0	0	2	1	0	0	4	0	7
VI.	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	Μ	10	13	12	9	17	23	26	49	32	60	0	251
		F	4	9	15	9	17	13	20	23	20	62	0	192
		T	14	22	27	18	34	36	46	72	52	122	0	443
23	Inflammatory diseases of the central nervous system (G00-G09)	M	7	4	4	5	8	16	11	25	10	10	0	100
		F	3	5	4	3	6	4	9	11	8	11	0	64
		T	10	9	8	8	14	20	20	36	18	21	0	164
1	Meningitis (G00 & G03)	M	7	2	2	2	3	8	3	11	5	6	0	49
		F	3	1	3	0	3	1	5	5	4	4	0	29
		T	10	3	5	2	6	9	8	16	9	10	0	78
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	0	2	2	3	2	6	7	8	2	4	0	36
		F	0	3	1	3	3	3	1	2	4	5	0	25
		T	0	5	3	6	5	9	8	10	6	9	0	61
3	Other inflammatory diseases of the central nervous system (G06,	M	0	0	0	0	3	2	1	6	3	0	0	15
	G08-G09)	F	0	1	0	0	0	0	3	4	0	2	0	10
		T	0	1	0	0	3	2	4	10	3	2		25
24	Other diseases of the nervous system (G10-G98)	M	3	9	8	4	9	7	15	24	22	50	0	151
		F	1	4	11	6	11	9	11	12	12	51	0	128
		T	4	13	19	10	20	16	26	36	34	101	0	279
1	Alzheimer's disease (G30)	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/	0.4.11.0.5.0.5.0.5.4.7.11	×						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Epilepsy (G40-G41)	Μ	1	1	0	1	2	2	2	2	2	2	0	15
		F	0	0	3	1	3	О	О	0	0	2	0	9
		T	1	1	3	2	5	2	2	2	2	4	0	24
	All other diseases of the nervous system (G10-G25, G31, G35-	M	2	8	8	3	7	5	13	22	20	48	0	136
	G37, G43-G98)	F	1	4	8	5	8	9	11	12	12	49	0	119
		T	3	12	16	8	15	14	24	34	32	97	0	255
VII.	DISEASES OF THE EYE AND ADNEXA (H00-H59)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	1	0	1
		T	0	0	0	0	0	0	0	0	0	1	0	1
25	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	О	0	0	1	0	1
		T	0	0	0	0	0	0	0	0	0	1	0	1
1	Disease of the eye and adnexa (H00-H59)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	О	0	0	1	0	1
		T	0	0	0	0	0	0	0	0	0	1	0	1
	DISEASES OF THE EAR AND MASTOID PROCESS (H60-	M	0	0	0	0	0	0	0	1	0	0	0	1
	H95)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	1	0	0	0	1
26	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	О	1	0	0	0	1
		F	0	0	0	0	0	0	O	0	0	0	0	0
		T	0	0	0	0	0	0	0	1	0	0	0	1
1	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	1	0	0	0	1
IX.	DISEASES OF THE CIRCULATORY SYSTEM (I00-I99)	M	10	5	24	37	95	237	711	1376	867	2146	84	5592
		F	15	9	17	30	59	130	320	664	576	1912	56	3788
		T	25	14	41	67	154	367	1031	2040	1443	4058	140	9380

M.G/		_						AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
27	Acute rheumatic fever and chronic rheumatic heart diseases (I00-	Μ	0	0	0	4	4	13	17	13	7	13	0	71
	I09)	F	0	0	2	4	4	17	44	35	17	22	0	145
		T	0	0	2	8	8	30	61	48	24	35	0	216
1	Acute rheumatic fever (I00-I02)	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 (I05-I09)	M	0	0	0	4	4	13	17	13	7	13	0	71
		F	0	0	2	4	4	17	44	35	17	22	0	145
		T	0	0	2	8	8	30	61	48	24	35	0	216
28	Hypertensive diseases (I10-I15)	M	1	0	1	1	7	20	103	242	164	337	0	876
		F	2	1	0	1	3	10	39	119	90	287	0	552
		T	3	1	1	2	10	30	142	361	254	624	0	1428
1	Hypertensive heart disease (I11)	M	0	0	0	0	1	4	50	129	87	138	0	409
		F	0	0	0	0	1	0	17	62	52	123	0	255
		T	0	0	0	0	2	4	67	191	139	261	0	664
2	All other hypertensive diseases (I10, I12-I15)	M	1	0	1	1	6	16	53	113	77	199	0	467
		F	2	1	0	1	2	10	22	57	38	164	0	297
		T	3	1	1	2	8	26	75	170	115	363	0	764
29	Ischaemic heart diseases (I20-I25)	M	0	0	0	0	20	68	223	495	280	687	84	1857
		F	0	0	1	1	3	10	69	188	183	597	56	1108
		T	0	0	1	1	23	78	292	683	463	1284	140	2965
1	Acute myocardial infarction (I21-I22)	M	0	0	0	0	11	30	70	174	99	244	84	712
		F	0	0	0	0	2	4	31	65	74	165	56	397
		T	0	0	0	0	13	34	101	239	173	409	140	1109
2	All other ischaemic heart diseases (I20 & I23-I25)	M	0	0	0	0	9	38	153	321	181	443	0	1145
		F	0	0	1	1	1	6	38	123	109	432	0	711
		T	0	0	1	1	10	44	191	444	290	875	0	1856

M.G/	0.1.10.5.0.5.0.5.1.7.11	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
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	M	6	5	15	19	27	31	106	173	101	301	0	784
	disease (I26-I51)	F	10	5	8	16	28	38	52	94	70	249	0	570
		T	16	10	23	35	55	69	158	267	171	550	0	1354
1	Pulmonary heart disease and diseases of pulmonary circulation	M	1	2	1	6	13	12	36	57	48	100	0	276
	(I26-I28)	F	1	4	4	5	11	20	18	37	31	82	0	213
		T	2	6	5	11	24	32	54	94	79	182	0	489
2	Other forms of heart diseases (I30-I51)	M	5	3	14	13	14	19	70	116	53	201	0	508
		F	9	1	4	11	17	18	34	57	39	167	0	357
		T	14	4	18	24	31	37	104	173	92	368	0	865
31	Cerebrovascular diseases (I60-I69)	M	3	0	6	13	34	93	230	395	267	681	0	1722
		F	2	2	6	7	15	44	107	200	194	671	0	1248
		T	5	2	12	20	49	137	337	595	461	1352	0	2970
1	Cerebrovascular diseases (I60-I69)	M	3	0	6	13	34	93	230	395	267	681	0	1722
		F	2	2	6	7	15	44	107	200	194	671	0	1248
		T	5	2	12	20	49	137	337	595	461	1352	0	2970
32	Other diseases of the circulatory system (I70-I99)	M	0	0	2	0	3	12	32	58	48	127	0	282
		F	1	1	0	1	6	11	9	28	22	86	0	165
		T	1	1	2	1	9	23	41	86	70	213	0	447
1	Atherosclerosis (I70)	M	0	0	0	0	0	0	1	0	0	4	0	5
		F	0	0	0	0	0	0	1	0	0	2	0	3
		T	0	0	0	0	0	0	2	0	0	6	0	8
2	Arterial embolism and thrombosis (I74)	M	0	0	0	0	0	1	0	4	2	14	0	21
		F	0	0	0	0	0	2	О	1	2	14	0	19
		T	0	0	0	0	0	3	0	5	4	28	0	40
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-	M	0	0	2	0	3	6	23	47	39	101	0	221
	178)	F	1	1	0	1	3	4	8	19	17	59	0	113
		T	1	1	2	1	6	10	31	66	56	160	0	334

M.G/								AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis	M	0	0	0		0	4	2	2		4	0	13
	(I80-I82)	F	0	0	0	0	2	4	0	5	0	4	0	15
		T	0	0	0	0	2	8	2	7	1	8	0	28
5	All other diseases of the circulatory system (I83-I99)	M	0	0	0	0	0	1	6	5	6	4	0	22
		F	0	0	0	0	1	1	О	3	3	7	0	15
		T	0	0	0	0	1	2	6	8	9	11	0	37
Х.	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	47	27	17	11	26	52	187	428	437	961	90	2283
		F	29	14	19	16	19	29	83	150	170	585	31	1145
		T	76	41	36	27	45	81	270	578	607	1546	121	3428
33	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	M	0	1	0	0	0	0	0	4	9	39	0	53
		F	0	0	0	0	0	0	O	6	5	23	0	34
		T	0	1	0	0	0	0	0	10	14	62	0	87
1	Acute pharyngitis and acute tonsillitis (J02-J03)	M	0	0	0	0	0	0	O	0	0	0	0	0
		F	0	0	0	0	0	0	O	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Acute laryngitis and tracheitis (J04)	M	0	0	0	0	0	0	О	0	0	0	0	O
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
3	Other acute upper respiratory infections (J00-J01 & J05-J06)	Μ	0	0	0	0	0	0	0	2	9	39	0	50
		F	0	0	0	0	0	0	0	6	5	23	0	34
		T	0	0	0	0	0	0	0	8		62	0	84
4	All other diseases of upper respiratory tract (J30-J39)	M	0	1	0	0	0	0	0	2	0	0	0	3
		F	0	0	0	0	0	0	0	0		0	0	0
		T	0	1	0	0	0	0	0	2	~	0	0	3
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	1	0	0	2	7	17	88	294		650	86	1421
		F	2	1	1	2	6	7	34	79		328	25	589
		T	3	1	1	4	13	24	122	373	380	978	111	2010

M.G/		_						AGE GRO	UPS					TOT ! !
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	0	0	0	0	0	0	0	0	0	1	0	1
		F	1	0	0	0	0	0	0	0	0	0	0	1
		T	1	0	0	0	0	0	0	0	0	1	0	2
2	Bronchitis, chronic and unspecified, emphysema (J40-J43)	M	0	0	0	0	1	0	2	0	1	3	0	7
		F	0	1	0	0	0	0	1	0	0	2	0	4
		T	0	1	0	0	1	0	3	0	_	5		11
3	Asthma (J45-J46)	M	0	0	0	0	1	1	2	12	17	48	0	81
		F	0	0	0	1	0	1	4	19	13	54	0	92
		T	0	0	0	1	1	2	6	31	30	102		173
4	Other lower respiratory disorders (J22, J44 & J47)	M	1	0	0	2	5	16	84	282	258	598	86	1332
		F	1	O	1	1	6	6	29	60	91	272	25	492
		T	2	0	1	3		22	113	342		870	111	1824
35	Other diseases of the respiratory system (J10-J18, J60-J98)	M	46	26	17	9			99	130		272	4	809
		F	27	13	18		13	22	49	65		234		522
		T	73	39	35			57	148	195	213	506	10	1331
1	Influenza (J10-J11)	M	0	1	0	0	0	1	О	0	0	1	0	3
		F	0	0	0	0	0	2 <b>3</b>	1	2		1	0	6
		T	0	1	0	0	0		1	2		2	0	9
2	Pneumonia (J12-J18)	M	44	21	14		13		57	76		130		425
		F	26	13	15	8	-	13	28	28		95		261
		T	70	34	29			32	85	104	70	225	0	686
3	Pleurisy (J90)	M	0	1	0	0	Ü	4	1	4	2	8	0	20
		F	0	0	0	0	2	0	1	1	1	4	0	9
	All 1 1' (1 ' All 1' Al	T	0	1	0	0	2		2	5		12		29
4	All other diseases of the respiratory system (J60-J86, J92-J98.)	M	2	3	3	2		11	41	50		133		361
		F	1	0	3	6	2	7	19	34		134	6	246
		T	3	3	6	8	8	18	60	84	140	267	10	607

M.G/								AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
J.L	2	3	4	5	6	7	8	9	10	11	12	13	14	15
XI.	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	6	J	7	15	67	255	515	555	186	233	0	1844
Λ۱.	DIGENOLO OF THE DIGEOTIVE STOTEM (NOO-NO2)	F	7	2	7	12	21	35	62	109	55	156	0	466
		T	13	7	14	27	88		577	664	241	389	0	2310
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	0	0	0	0	1	1	0	0	0	2
		F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	0	1	1	1	0	0	3
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	0	0	0	0	1	1	0	0	0	2
		F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	0	1	1	1	0	0	3
37	Diseases of the other parts of digestive system (K20-K92)	M	6	5	7	15	67	255	514	554	186	233	0	1842
		F	7	2	7	12	21	35	62	109	54	156	0	465
		T	13	7	14	27	88	290	576	663	240	389	0	2307
1	Gastric and duodenal ulcer (K25-K27)	M	0	0	0	0	0	0	2	1	3	5	0	11
		F	0	0	0	0	0	0	0	1	0	1	0	2
		T	0	0	0	0	0	0	2	2	3	6	0	13
2	Gastritis and duodenitis (K29)	M	0	0	0	0	0	0	0	0	0	2	0	2
		F	0	0	0	0	0	0	0	0	0	2	0	2
		T	0	0	0	0	0	0	0	0	0	4	0	4
3	Diseases of appendix (K35-K38)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	1	0	0	О	0	0	1	0	2
		T	0	0	0	1	0	0	0	1	0	1	0	3
4	Hernia (K40-K46)	M	0	0	1	0	0	1	2	4	2	5	0	15
		F	1	0	0	0	0	2	1	4	0	6	0	14
		T	1	0	1	0	0	3	3	8	2	11	0	29
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	1	0	0	1	0	2	2	9	0	17	0	32
		F	0	0	0	0	0	3	3	2	2	14	0	24
		T	1	0	0	1	0	5	5	11	2	31	0	56

M.G/	0.440.5.05.05.474	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<b>\</b>	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
6	Peritonitis (K65)	Μ	0	0	0	1	2	7	11	25	5	15	0	66
		F	0	0	0	2	1	5	1	11	6	13	0	39
		T	0	0	0	3	_	12	12	36		28		105
7	Diseases of the liver (K70-K76)	Μ	4	4	5	9	53	216	476	480	159	154	0	1560
		F	3	0	6	7	14	16	48	81	41	99	0	315
		T	7	4	11	16	67	232	524	561	200	253	0	1875
8	Cholelithiasis and cholecystitis (K80-K81)	M	0	0	0	1	0	1	2	6	0	7	0	17
		F	0	1	0	0	0	0	О	0	1	3		5
		T	0	1	0	1	0	1	2	6		10	0	22
9	Disorders of the pancreas	M	0	0	0	1	10	15	9	15	4	6	0	60
		F	0	0	1	0	1	5	5	3		0	0	17
		T	0	0	1	1	11	20	14	18		6		77
10	All other diseases of the other parts of digestive system (K20-	M	1	1	1	2	2	13	10	13	13	22	0	78
	K22, K28, K30-K31, K50-K55, K57-K63, K66, K82-K83 & K90-	F	3	1	0	2	5	4	4	7	2	17	0	45
	K92)	T	4	2	1	4	7	17	14	20		39	0	123
XII.	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	M	0	0	1	0	2	5	15	12	11	17	0	63
	(L00-L98)	F	1	0	1	1	0	5	2	6		11	0	31
		T	1	0	2	1	2	10	17	18		28	0	94
38	Diseases of the skin and subcutaneous tissue (L00-L98)	Μ	0	0	1	0	2	5	15	12	11	17	0	63
		F	1	0	1	1	0	5	2	6		11	0	31
		T	1	0	2	1	2	10	17	18		28		94
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	0	О	0	0	2	3	15	10	8	13	0	51
		F	0	О	0	0	0	2	2	3		11	0	22
		T	0	0	0	0	2	5	17	13		24	0	73
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	Μ	0	0	1	0	0	2	0	2	3	4	0	12
		F	1	0	1	1	0	3	0	3	0	0	0	9
		T	1	0	2	1	0	5	0	5	3	4	0	21

M.G/	0.1.10.5.0.5.0.5.1.7.11	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
XIII.	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND	Μ	0	0	3	3	4	4	4	10	2	7	0	37
	CONNECTIVE TISSUE (M00-M99)	F	0	0	6	13	14	12	12	8	4	11	0	80
		T	0	0	9	16	18	16	16	18	6	18	0	117
39	Diseases of the musculoskeletal system and connective tissue	Μ	0	0	3	3	4	4	4	10	2	7	0	37
	(M00-M99)	F	0	O	6	13	14	12	12	8	4	11	0	80
		T	0	0	9	16	18	16	16	18	6	18	0	117
1	Rheumatoid arthritis and other inflammatory polyarthropathies	Μ	0	0	1	1	0	0	0	0	0	1	0	3
	(M05-M13)	F	0	O	0	0	0	0	0	2	1	2	0	5
		T	0	0	1	1	0	0	0	2	1	3	0	8
2	Osteomyelitis (M86)	M	0	0	0	0	0	0	1	1	0	1	0	3
		F	0	O	0	0	0	0	0	0	1	1	0	2
		T	0	0	0	0	0	0	1	1	1	2	0	5
3	All other diseases of the musculoskeletal system and connective	Μ	0	0	2	2	4	4	3	9	2	5	0	31
	tissue (M00-M02, M15-M85, M87-M99)	F	0	O	6	13	14	12	12	6	2	8	0	73
		T	0	0	8	15	18	16	15	15	4	13	0	104
XIV.	DISEASES OF THE GENITOURINARY SYSTEM (N00-N99)	Μ	2	2	6	12	18	29	83	111	94	153	0	510
		F	1	2	4	8	14	26	30	56	60	120	0	321
		T	3	4	10	20	32	55	113	167	154	273	0	831
40	Diseases of urinary system (N00-N39)	Μ	2	2	6	12	18	29	82	108	91	148	0	498
		F	1	2	4	8	13	26	29	56	59	119	0	317
		T	3	4	10	20	31	55	111	164	150	267	0	815
1	Glomerular diseases (including Nephritic Synodrome) (N00-N07)	Μ	0	0	2	7	13	11	35	28	34	2	0	132
		F	1	0	0	3	8	10	7	18	14	2	0	63
		T	1	0	2	10	21	21	42	46	48	4	0	195
2	Renal tubulo-interstitial diseases (N10-N15)	Μ	0	0	1	1	0	2	3	11	3	7	0	28
		F	0	0	0	1	1	1	2	2	1	3	0	11
		T	0	0	1	2	1	3	5	13	4	10	0	39

M.G/	0.1.05.05.05.17.1	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3	Renal failure (N17-N19)	M	2	2	2	2	3	11	34	48	41	92	0	237
		F	0	1	3	3	2	7	15	23	26	46	0	126
		T	2	3	5	5	5	18	49	71	67	138	0	363
4	Urolithiasis (N20-N23)	M	0	0	0	1	0	0	1	0	0	1	0	3
		F	0	0	0	0	0	1	1	0	0	0	0	2
		T	0	0	0	1	0	1	2	0	0	1	0	5
5	Other disorders of kidney and ureter (N25-N28)	Μ	0	0	0	0	2	3	4	12	7	10	0	38
		F	0	0	0	0	1	4	3	5	5	10	0	28
		T	0	0	0	0	3	7	7	17	12	20		66
6	All other diseases of urinary system (N30-N39)	M	0	0	1	1	0	2	5	9	6	36	0	60
		F	0	1	1	1	1	3	1	8	13	58	0	87
		T	0	1	2	2	1	5	6	17	19	94	0	147
41	Other diseases of the genitourinary system (N40-N99)	M	0	0	0	0	0	0	1	3	3	5	0	12
		F	0	0	0	0	1	0	1	0	1	1	0	4
		T	0	0	0	0	1	0	2	3	4	6		16
1	Hyperplasia of prostate (N40)	Μ	0	0	0	0	0	0	O	2	2	5	0	9
		T	0	0	0	0	0	0	0	2	2	5	0	9
2	All other diseases of male genital organs (N41-N50)	M	0	0	0	0	0	0	1	1	1	0	0	3
		T	0	0	0	0	0		1	1	1	0	0	3
3	Salpingitis and oophoritis (N70)	F	0	0	0	0	0	0	O	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
	All other diseases of female genital organs (N60-N64 & N71-	F	0	0	0	0	1	0	1	0	1	1	0	4
	N99)	T	0	0	0	_	_	0	1	0	1	1	0	4
XV.	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	F	0	0	0	7	20	2	0	0	0	0	0	29
	(O00-O99)	T	0	0	0	7	20	2	0	0	0	0	0	29
42	Pregnancy with abortive outcome (O00-O08)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0

M.G/		<b>Y</b>						AGE GRO	UPS					TOT
CAT./	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
S.C			,											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Spontaneous abortion (O03)	F	0	0	0	0	0	0	0	0	0	0	Ŭ	0
_		T	0	0	0	0	0	0	0	0	0	0	-	0
2	Medical abortion (O04)	F	0	0	0	0	0	0	О	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0		0
3	Other pregnancies with abortive outcome (O00-O02 & O05-	F	0	0	0	0	0	0	0	0	0	0	0	0
	O08)	T	0	0	0	0	0	0	0	0	0	0	0	0
43	Other direct obstetric deaths (O10-O92)	F	0	0	0	7	17	2	О	0	0	0	0	26
		T	0	0	0	7	17	2	0	0	0	0	0	26
1	Oedema, proteinuria and hypertensive disorders in pregnancy,	F	0	0	0	2	10	1	0	0	0	0	0	13
	childbirth and the puerperium (O10-O16)	T	0	0	0	2	10	1	0	0	0	0	0	13
2	Infections of genitourinary tract in pregnancy (O23)	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	Obstructed labour (O64-O66)	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	Complications pre-dominantly related to the puerperium (O85-	F	0	0	0	1	2	0	0	0	0	0	0	3
	O92)	Т	0	0	0	1	2	0	0	0	0	0	0	3
5	Other complications of pregnancy and delivery (O20-O22, O24-	F	0	0	0	4	5	1	0	0	0	0	0	10
	O63 & O67-O84)	Т	0	0	0	4	5	1	0	0	0	0	0	10
44	Other obstetric conditions, not elsewhere classified (O95-O99)	F	0	0	0	0	3	0	0	0	0	0		3
	(	T	0	0	0	0	3	0	0	0	0	0	-	3
1	Indirect obstetric deaths (O98-O99)	F	0	0	0	0	3	0	0	0	0	0	-	3
	That cot obsteties demand (6 % 6 %)	T	0	0	0	0	3	0	0	0	0	0		3
2	All other obstetric conditions, not elsewhere classified (O95-O97)	F	0	0	0	0	0	0	0	0	0	0		0
	other obstetile conditions, not elsewhere elassified (075-077)	T	0	0	0	0	0	0	0	0	0	0	-	0
XVI.	CERTAIN CONDITIONS ORIGINATING IN THE	M	726	0	0	0	0	0	0	0	0	0		726
۸۱۱.	PERINATAL PERIOD (P00-P96)	F	524	1	0	0	0	0	0	0	0	0		525
	That willing that the control			1	0	0	0	0	0	0	0	0	0	
		T	1250	I	U	U	U	U	U	U	U	U	U	1251

M.G/		_						AGE GRO	UPS					
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
45	Certain conditions originating in the perinatal period (P00-P96)	M	726	0	0	0	0	0	0	0	0	0	0	726
		F	524	1	0	0	0	0	0	0	0	0	0	525
		T	1250	1	0	0	0	0	0	0	0	0	0	1251
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	Μ	306	0	0	0	0	0	0	0	0	0	0	306
		F	240	0	0	0	0	0	O	0	0	0	0	240
		T	546	0	0	0	0	0	0	0	0	0	0	546
2	Birth trauma (P10-P15)	M	1	0	0	0	0	0	0	0	0	0	0	1
		F	1	0	0	0	0	0	O	0	0	0	0	1
		T	2	0	0	0	0	0	0	0	0	0	0	2
	Hypoxia, birth asphyxia and other respiratory conditions (P20-	M	210	0	0	0	0	0	0	0	O	0	0	210
	P28)	F	131	0	0	0	0	0	0	0	0	0	0	131
		T	341	0	0	0	0	0	0	0	0	0	0	341
4	Haemolytic disease of fetus and new-born (P55)	Μ	8	0	0	0	0	0	0	0	0	0	0	8
		F	6	0	0	0	0	0	0	0		0	0	6
		T	14	0	0	0	0	0	0	0	-	0	0	14
5	Other perinatal jaundice (P58-P59)	Μ	1	0	0	0	0	0	0	0	0	0	0	1
		F	2	0	0	0	0	0	0	0		0	0	2
		T	3	0	0	0	0	0	0	0	0	0	0	3
	All other conditions originating in the perinatal period (P00-P04,	M	200	0	0	0	0	0	0	0	0	0		200
	P08, P29-P54, P56-P57, P60-P96.)	F	144	1	0	0	0	0	0	0	0	0		145
VVII	CONTOENTED TO TECHNICATE OF THE CONTOENT OF TH	T	344	1	0	0	0	0	0	0	0	0	0	345
XVII.	CONGENITAL MALFORMATIONS, DEFORMATIONS	M	319	15	15	13	7	4	2	2	0	0		377
	AND CHROMOSOMAL ABNORMALITIES (Q00-Q99)	F	214	23	22	6	6	1	2	1	0	1	0	261
46	Committed and Committee and Assessment and Assessment at the committee and the commi	T	533	38	22	19	<b>13</b>	5	4	3		1	0	638
	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	M	319	15	15	13		4	2	2	0	0	_	377
	abitothiannes (200-277)	F	214	23	22	6	6	1	2	1	0	1	0	261
		T	533	38	22	19	13	5	4	3	0	1	0	638

M.G/		_						AGE GRO	UPS					TOT.1.
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Spina bifida (Q05)	Μ	0	1	1	0	0	0	0	0	0	0	0	2
		F	2	0	0	0	O	0	О	0	0	O	0	2
		T	2	1	1	0	0	0	0	0	0	0	0	4
2	Congenital malformations of the circulatory system (Q20-Q28)	M	147	9	8	4	2	1	1	1	0	0	0	173
		F	113	11	7	4	3	1	2	1	0	1	0	143
		T	260	20	15	8	5	2	3	2	0	1	0	316
3	Cleft lip and cleft palate (Q35-Q37)	Μ	24	0	0	3	0	0	0	0	0	0	0	27
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	24	0	0	3	0	0	0	0	0	0	0	27
4	All other congenital malformations, deformations and	Μ	148	5	6	6	5	3	1	1	0	0	0	175
	chromosomal abnormalities, not elsewhere classified (Q00-Q04,	F	99	12	0	2	3	0	0	0	0	0	0	116
	Q06-Q18, Q30-Q34 & Q38-Q99)	T	247	17	6	8	8	3	1	1	0	0	0	291
XVIII.	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND	Μ	5	2	4	3	18	16	37	33	14	226	0	358
	LABORATORY FINDINGS, NOT ELSEWHERE	F	1	0	1	5	11	10	17	16	7	244	0	312
	CLASSIFIED (R00-R99)	T	6	2	5	8	29	26	54	49	21	470	0	670
47	Symptoms, signs and abnormal clinical and laboratory findings,	M	5	2	4	3	18	16	37	33	14	226	0	358
	not elsewhere classified (R00-R99)	F	1	0	1	5	11	10	17	16	7	244	0	312
		T	6	2	5	8	29	26	54	49	21	470	0	670
1	Abdominal and pelvic pain (R10)	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	Ascites (R18)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	1	0	1
		T	0	0	0	0	0	0	0	0	0	1	0	1
3	Somnolence, stupor and coma (R40)	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/	0.4.4.0.5.0.5.4.7.11	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	Fever of unknown origin (R50)	M	0	1	0	0	5	2	5	5	1	6	0	25
		F	0	0	0	0	2	2	6	6	3	7	0	26
		T	0	1	0	0	7	4	11	11	4	13	0	51
5	Senility (R54)	M	0	0	0	0	0	0	0	0	0	205	0	205
		F	0	0	0	0	0	0	О	0	0	229	0	229
		T	0	0	0	0	0	0	0	0	0	434	0	434
6	Syncope and collapse (R55)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	1	0	0	0	1
		T	0	0	0	0	0	0	0	1	0	0	-	1
7	Convulsions, not elsewhere classified (R56)	M	0	0	0	0	1	0	0	1	0	0	0	2
		F	0	0	0	0	0	0	0	1	0	1	0	2
		T	0	0	0	0	1	0	0	2	0	1	0	4
8	Shock, not elsewhere classified (R57)	M	0	0	0	0	1	0	1	4	0	1	0	7
		F	0	0	0	0	0	1	1	1	0	0	0	3
		T	0	0	0	0	_	1	2	5	0	1	0	10
	All other symptoms, signs and abnormal clinical and laboratory	M	5	1	4	3		14	31	23	13	14	0	119
	findings, not elsewhere classified (R00-R09, R11-R17, R19-R39,	F	1	0	1	5	9	7	10	7	4	6	_	50
	R41-R49, R51-R53, R58-R99)	T	6	1	5	8	20	21	41	30	17	20	0	169
	INJURY, POISONING AND CERTAIN OTHER	M	2	3	9	97		133	176	163		121	0	903
	CONSEQUENCES OF EXTERNAL CAUSES (S00-T98)	F	0	7	8	39		27	45	36	21	56		275
/		T	2	10	17	136			221	199	83	177	0	1178
	Fractures (S02, S12, S22, S32, S42, S52, S62, S72, S82, S92, T02,	M	0	0	0	7	14	11	19	17	5	7	0	80
	T08, T10 & T12)	F	0	0	1	0	1	3	4	3	3	9		24
		T	0	0	1	7	15	14	23	20	8	16		104
1	Fracture of skull and facial bones (S02)	M	0	0	0	7	12	7	14	6	3	2	0	51
		F	0	0	1	0	1	2	4	3	1	2	0	14
		T	0	0	1	7	13	9	18	9	4	4	0	65

M.G/	2.4425.25.25.45.4	~						AGE GRO	UPS					TOT
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Fracture of neck, thorax or pelvis (S12, S22, S32 & T08)	Μ	0	0	0	0	2	4	4	6	2	3	0	21
		F	0	0	0	0	0	1	O	0	0	2	0	3
		T	0	0	0	0	2	5	4	6	2	5	0	24
3	Fracture of upper limb (S42, S52, S62 & T10)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	2	0	0	2
		T	0	0	0	0	0	0	0	0	2	0	0	2
4	Fractures of lower limb (S72, S82, S92 & T12)	Μ	0	0	0	0	0	0	1	4	0	2	0	7
		F	0	0	0	0	0	0	0	0	0	5	0	5
		T	0	0	0	0	0	0	1	4	0	7	0	12
	Fractures involving multiple body regions, and of unspecified	Μ	0	0	0	0	0	0	0	1	0	0	0	1
	body region (T02)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	1	0	0	0	1
49	Dislocations, sprains and strains of specified and multiple body	Μ	0	0	0	1	1	0	2	3	0	0	0	7
	regions (S03, S13, S23, S33, S43, S53, S63, S73, S83, S93, T03)	F	0	0	0	1	0	1	1	0	0	0	0	3
		T	0	0	0	2	1	1	3	3	0	0	0	10
50	Intracranial and internal injuries, including nerves (S04, S06, S14,	Μ	0	1	0	2	10	14	17	15	6	12	0	77
	S24, S26-S27, S34, S36-S37, S44, S54, S64, S74, S84 & S94)	F	0	0	1	0	1	0	4	4	1	5	0	16
		T	0	1	1	2	11	14	21	19	7	17	0	93
	Crushing injuries and traumatic amputations of specified and	Μ	0	0	0	12	11	14	13	21	2	10	0	83
	multiple body regions (S07-S08, S17-S18, S28, S38, S47-S48, S57-	F	0	3	0	0	3	1	4	6	2	5	0	24
	S58, S67-S68, S77-S78, S87-S88, S97-S98, T04-T05)	T	0	3	0	12	14	15	17	27	4	15		107
52	Other injuries of specified, unspecified and multiple body regions	M	1	0	5	43	35	48	74	59	30	54	0	349
	(S00-S01, S05, S09-S11, S15-S16, S19-S21, S25, S29-S31, S35, S39-S31, S	F	0	0	1	4	1	3	6	6	5	14	0	40
	S41, S45-S46, S49-S51, S55-S56, S59-S61, S65-S66, S69-S71, S75-	T	1	0	6	47	36	51	80	65	35	68	0	389
53	Effects of foreign body entering through natural orifice (T15-	Μ	1	0	1	0	1	0	0	0	0	0	0	3
	T19)	F	0	1	1	0	0	0	0	0	0	0	0	2
		T	1	1	2	0	1	0	0	0	0	0	0	5

M.G/	0.440.5.05.05.474	~						AGE GRO	UPS					TOTAL
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
54	Burns and Corrosions (T20-T32)	Μ	0	2	0	4	8	0	2	3	1	3	0	23
		F	0	1	1	23	12	6	5	7	2	9	0	66
		T	0	3	1	27	20	6	7	10	3	12	0	89
55	Poisonings by drugs & biological substances; and Toxic effects of	Μ	0	0	2	8	28	27	27	29	8	21	0	150
	substances chiefly nonmedicinal as to source (T36-T50 & T51-	F	0	1	2	8	13	9	14	6	8	8	0	69
	T65)	T	0	1	4	16	41	36	41	35	16	29	0	219
56	Other and unspecified effects of external causes and certain early	Μ	0	0	0	5	8	2	4	5	4	5	0	33
	complications of trauma (T33-T35, T66-T79)	F	0	1	1	2	2	1	2	1	0	4	0	14
		T	0	1	1	7	10	3	6	6	4	9	0	47
57	Complications of Surgical and Medical care, not elsewhere	Μ	0	0	1	2	5	2	4	1	1	0	0	16
	classified (T80-T88)	F	0	0	0	0	1	1	О	0	0	1	0	3
		T	0	0	1	2	6	3	4	1	1	1	0	19
58	Late effects of injuries, of poisoning and of other consequences	Μ	0	0	0	13	16	15	14	10	5	9	0	82
	of external causes (T90-T98)	F	0	0	0	1	2	2	5	3	0	1	0	14
		T	0	0	0	14	18	17	19	13	5	10	0	96
XX.	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY	Μ	2	0	13	94	121	150	179	135	62	127	4	887
	(V01-Y89)	F	0	10	11	51	53	43	49	35	28	52	0	332
		T	2	10	24	145	174	193	228	170	90	179	4	1219
E48	Transport accidents (V01-V99)	Μ	1	0	5	63	71	73	105	71	42	70	0	501
		F	0	1	3	2	7	13	12	12	8	8	0	66
		T	1	1	8	65	78	86	117	83	50	78	0	567
1	Railway accidents (V05, V15, V80.6, V81, V82.2, V87.6 & V88.6)	Μ	0	0	0	1	0	1	4	2	1	2	0	11
		F	0	0	0	0	0	3	1	0	2	1	0	7
		T	0	0	0	1	0	4	5	2	3	3	0	18
2	Motor vehicle traffic accidents (V02-V04, V09.2-V09.3, V12-V14,	Μ	1	0	5	49	54	61	83	55	36	61	0	405
	V19.4-V19.6, V19.9, V20-V28, V29.4-V29.6, V29.9, V30-V38,	F	0	1	3	0	5	8	9	7	5	6	0	44
	V39.4-V39.6, V39.9, V40-V48, V49.4-V49.6, V49.9, V50-V58,	T	1	1	8	49	59	69	92	62	41	67	0	449

M.G/		~		AGE GROUPS											
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL	
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-	Μ	0	0	0	2	1	2	6	7	5	5	0	28	
	V18, V19.8, V29.8, V39.8, V49.8, V59.8, V69.8, V79.8, V80.0-	F	0	0	0	0	0	0	О	0	0	0	0	0	
	V80.2, V80.7-V80.9, V82.3-V82.7, V82.9 & V89.1)	T	0	0	0	2	1	2	6	7	5	5	0	28	
4	Water transport accidents (V90-V94)	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	Air & Space transport accidents (V95-V97)	M	0	0	0	0	0	0	О	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	
6	All other transport accidents (V09.0-V09.1, V19.0-V19.3, V29.0-	M	0	0	0	11	16	9	12	7	0	2	0	57	
	V29.3, V39.0-V39.3, V49.0-V49.3, V59.0-V59.3, V69.0-V69.3,	F	0	0	0	2	2	2	2	5	1	1	0	15	
	V79.0-V79.3, V82.0, V82.8, V83-V86, V88.0-V88.5, V88.7-V88.9,	T	0	0	0	13	18	11	14	12	1	3	0	72	
E49	Accidental Falls (W00-W19)	M	0	0	0	6	3	18	19	15	5	24	0	90	
		F	0	1	0	0	0	1	2	4	2	10	0	20	
		T	0	1	0	6	3	19	21	19	7	34	0	110	
E50	Accidental drowning and submersion (W65-W74)	Μ	0	0	0	2	3	5	3	6	1	3	0	23	
		F	0	2	0	0	1	0	3	0	0	2	0	8	
		T	0	2	0	2	4	5	6	6	1	5	0	31	
E51	Exposure to smoke, fire and flames (X00-X09)	M	0	0	0	8	7	7	9	1	2	4	0	38	
		F	0	1	1	33	23	15	17	8	8	17	0	123	
		T	0	1	1	41	30	22	26	9	10	21	0	161	
E52	Accidental poisoning by and exposure to noxious substances	M	0	0	0	1	1	3	3	5	0	3	0	16	
	(X40-X49)	F	O	0	0	1	1	О	0	0	1	1	0	4	
		T	0	0	0	2	2	3	3	5	1	4	0	20	
E53	Intentional self-harm (Suicide- attempted) (X60-X84)	M	0	0	3	11	25	30	16	22	8	14	4	133	
		F	0	0	0	13	18	8	10	8	6	5	0	68	
		T	0	0	3	24	43	38	26	30	14	19	4	201	

M.G/	8.448.7.85.85.474	≈ AGE GROUPS												TOT 1.1
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
E54	Assault (Homicide) (X85-Y09)	Μ	0	0	1	0	0	1	2	2	0	0	0	6
		F	0	0	0	0	1	1	O	0	1	0	0	3
		T	0	0	1	0	1	2	2	2	1	0	0	9
E55	Other Violence (Y10-Y36)	Μ	0	0	0	2	4	6	7	4	1	4	0	28
		F	0	2	3	2	1	1	1	1	0	2	0	13
		T	0	2	3	4	5	7	8	5	1	6	0	41
1	Event of undetermined intent (Y10-Y34)	Μ	0	0	0	2	4	6	7	4	1	4	0	28
		F	0	2	3	2	1	1	1	1	0	2	0	13
		T	0	2	3	4	5	7	8	5	1	6	0	41
2	Legal intervention (Y35)	M	0	0	0	0	0	0	O	0	0	0	0	0
		F	0	0	0	0	0	0	O	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	O	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)	Μ	0	0	0	0	0	0	О	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
	Drugs, medicaments and biological substances causing adverse	Μ	0	0	0	0	0	0	О	0	0	0	0	0
	effects in therapeutic use (Y40-Y59)	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
	Misadventures during surgical & medical care, adverse incidents in	M	0	0	0	0	0	0	0	0	0	0	0	0
	diagnostic and therapeuticuse, abnormal reactions and late	F	0	0	0	0	0	0	0	0	0	0	0	0
	complications (Y60-Y69, Y70-Y82 & Y83-Y84)	T	0	0	0	0	0	0	0	0	0	0		0
	Other external causes of accidental injury, not elsewhere classified	Μ	1	0	4	1	7	7	15	9	3	5	0	52
	(W20-W64, W75-W99, X10-X39, X50-X59)	F	0	3	4	0	1	4	4	2	2	6	0	26
		T	1	3	8	1	8	11	19	11	5	11	0	78

M.G/		AGE GROUPS											TOTAL	
CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Accidents caused by machinery, and by cutting & piercing	Μ	0	0	0	0	0	0	0	0	0	0	0	0
	instruments (W24-W31)	F	0	0	0	0	0	0	O	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Accidents caused by firearm missile (W32-W34)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	О	0	0	O	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
3	Bites of snakes & other venomous animals (X20-X27)	Μ	0	0	1	0	1	3	7	3	1	1	0	17
		F	0	1	3	0	0	2	1	1	2	3	0	13
		T	0	1	4	0	1	5	8	4	3	4	0	30
4	Sun stroke (X32)	Μ	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	O	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
5	All other accidents including late effects (W20-W23, W35-W64,	Μ	1	0	3	1	6	4	8	6	2	4	0	35
	W75-W99, X10-X19, X28-X31, X33-X39 & X50-X59)	F	0	2	1	0	1	2	3	1	0	3	0	13
		T	1	2	4	1	7	6	11	7	2	7	0	48
E58	Late effects of external causes of morbidity and mortality (Y85-	Μ	0	0	0	0	0	0	0	0	0	0	0	0
	Y89)	F	0	0	0	0	0	0	O	0	0	1	0	1
		T	0	0	0	0	0	0	0	0	0	1	0	1
	ALL CAUSES (MAJOR GROUP I to XIX)	M	1162	115	177	301	564	1178	2762	4609	2657	5912	175	19612
		F	842	106	150	226	355	615	1266	2073	1512	4444	116	11705
		T	2004	221	327	527	919	1793	4028	6682	4169	10356	291	31317
	ALL CAUSES (MAJOR GROUP I to XX)	M	1164	115	190	395	685	1328	2941	4744	2719	6039	179	20499
		F	842	116	161	277	408	658	1315	2108	1540	4496	116	12037
		T	2006	231	351	672	1093	1986	4256	6852	4259	10535	295	32536