

Government of Kerala

REPORT ON MEDICAL CERTIFICATION OF CAUSE OF DEATH 2018



MCCD Division Directorate of Economics & Statistics Thiruvananthapuram - 33

Report on Medical Certification of Cause of Death 2018

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Report on Medical Certification of Cause of Death 2018

PREFACE



The World Health Organization (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 2018' is brought out by the Directorate of Economics & Statistics and office of the Additional Chief Registrar (Births & Deaths), Kerala. The Registration of Births and Deaths Act 1969 has the clause for certification of cause of death by the medical practitioners who have last attended the deceased. Section 10(2) of the act empowers the State Government to introduce the system of Medical Certification of Cause of Death in respective states.

The report has been prepared exclusively on the basis of data on institutional deaths in four Corporations viz; Thiruvananthapuram, Kollam, Ernakulum and Kozhikode and Alappuzha Municipality. The study is confined to 11.12% of the total deaths in the State during the year 2018.

Data on medically certified deaths collected from 149 hospitals of the state have been tabulated in conformity with the ICD-Tenth Revision (ICD-10). The Statistics on causes of death have been presented, cross tabulating them by age and sex. The report consists of three Chapters. First chapter is the introduction on medical certification of cause of death (MCCD). Tables on detailed statistics pertaining to leading causes are given in chapter two. This part contains a study of institutional deathssex-wise and age-wise. It has also been attempted to analyses the incidence of death according to the major causes during 2018 in the respective centers, on the basis of ICD-10 classification of WHO. This chapter also includes analysis of deaths due to heart attack, cancer, tuberculosis, pneumonia, diabetic's mellitus etc. in five centers in Kerala. Specific cause of mortality in different age groups is given in third chapter.

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

Thiruvananthapuram 12.08.2020

P.V.Babu Director

Report on Medical Certification of Cause of Death 2018

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Report on Medical Certification of Cause of Death 2018



EXECUTIVE SUMMARY

eliable cause specific mortality statistics is required on a regular basis by Administrators, Policy Planners, Researchers and other Professionals for evidence based decision making, resource allocation, monitoring of indicators, identifying priorities for programmes and other related activities in the area of Public Health. Keeping this in view, the scheme of Medical Certification of Cause of Death (MCCD) was introduced in the country under the provisions of Registration of Births and Deaths (RBD) Act, 1969. Section 10(2) of the Act empowers the State Government to enforce the provision relating to MCCD in specified areas taking into consideration the availability of medical facilities. Section 10(3) of the Act provides issuing a certificate of the cause of death by the medical practitioner who has attended the deceased at the time of death.

Methodology

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

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

Scope of the report

'The report on 'Medical Certification of Cause of Death 2018' is based on 30894 medically certified deaths reported from 149 hospitals. As mentioned above, owing to different levels of efficiency of medical certification across the State, the number of deaths reported therein may lack the representative feature in the strict sense. However, it may be sufficient to throw some light on deaths by various cause groups.

Overall findings

Following are nine leading cause-groups of deaths constituting around 90.81% of total medically certified deaths:

- I. Diseases of Circulatory System (27.96%).
- II. Neoplasm (16.39%).
- III. Endocrine, Nutritional and Metabolic Diseases (13.06%).
- IV. Diseases of the Respiratory System (10.00%).
- V. The Genitourinary System (7.21%)
- VI. Diseases of the Digestive System (6.45%)
- VII. Injury, Poisoning and certain other consequences of External Causes (2.74%).
- VIII. Certain Infectious and Parasitic diseases (2.64%)
 - IX. Certain condition originating in the perinatal period (2.36%).
- Among the cause group 'Diseases of the Circulatory System', 'Ischemic Heart Diseases (I20-I25) (IHD)' and 'Cerebrovascular diseases (I60-I69)' account for the highest number of deaths. The shares of these two diseases are 40.85% and 33.87% respectively.
- The second leading cause group, Neoplasms (cancer) is responsible for 16.39% of the total medically certified deaths, of which 'Malignant neoplasm of digestive organs' accounts for 26.37%. This is followed by 'Malignant Neoplasms of respiratory and intrathoracic organs' (18.19%) and 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related tissue' (16.52%) accounts more than one-sixth of deaths under this group.
- The group of 'Endocrine, Nutritional and Metabolic Diseases' is the third leading cause group accounting for 13.06% of the total medically certified

deaths. Under this cause group, 'Diabetes Mellitus' group alone accounts for 90.78% of total deaths reported and 11.86% of total medically certified deaths respectively.

- 'Diseases of the Respiratory System' is the fourth leading cause group (10.00%). 'Lower Respiratory Disorders' accounting for around 72.30% of the total deaths under this category. The other underline cause in this group is 'Other diseases of the respiratory system' including 'Pneumonia' causing 27.64% of death.
- The major group comprising 'The Genitourinary System' is the fifth leading cause accounting for 7.21% of the total medically certified deaths.
- 'Diseases of Digestive System' is the sixth leading cause group accounting for 6.45% of the total medically certified deaths. Among the deaths due to disorders of digestive system, 'Diseases of the Liver' alone accounts for 78.59% of the total deaths under this group.
- The seventh leading cause group 'Injury, Poisoning and certain other consequences of External causes' accounting 2.74% of the total medically certified deaths.
- The major group 'Certain Infectious and Parasitic Diseases' contributed 2.64% of deaths which is the eighth leading cause mainly constituted by Septicaemia and Tuberculosis. Under this major group, the shares of these two diseases are 28.09% and 20.53% respectively.
- The ninth leading group 'Certain conditions originating in the perinatal period' accounting for 2.36% of the total medically certified deaths. 'Slow foetal growth, foetal malnutrition and immaturity' and 'Hypoxia, birth asphyxia and other respiratory conditions' accounts for 39.32% and 29.04% of the deaths under this group.

***** Age-wise:

- Around 4.04% of reported medically certified deaths have been of the infants (age less than 1 year).
- About 58.45% of infant deaths have been reported to be caused by 'Certain conditions originating in the perinatal period' and about 32.51% deaths have been caused by 'Congenital Malformations, Deformations and Chromosomal Abnormalities'.

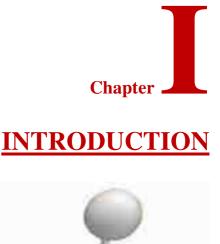
- Around 0.61% of reported medically certified deaths have been of the children aged '1-4'.
- Among the children aged '1-4', 'Congenital Malformations, Deformations and Chromosomal Abnormalities' have taken the highest toll of 21.39% and 17.65% due to 'Neoplasms' in which 57.58% is due to 'Leukaemia'.
- Around 0.92% of reported medically certified deaths have been of the children aged '5-14'.
- In the age group '5-14', major group 'Neoplasms' is in the topmost position with the share of 23.21% in which 49.28% of death is due to 'Leukaemia'.
- Around 1.77% of reported medically certified deaths have been in the age group '15-24'.
- In the age-group of '15-24', major group, 'Injury Poisoning & certain other consequences of External causes' is the first among the leading causes contributing around 25.41%. It implies that this age-group of adolescents is most vulnerable to injuries and poisoning related deaths. Around 13.99% of death under this age group is due to 'Neoplasm' in which 45.12% is due to 'Leukaemia'.
- Out of 88 deaths occurred in the age group '15-24', which is 12.34% of the death occurred due to 'Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves', 81 are males (92.05%).
- Around 2.58% of reported medically certified deaths have been in the age group '25-34'.
- In the age-group of '25-34', major group, 'Injury Poisoning & certain other consequences of External causes' is the first among the leading causes contributing around 18.07%. It implies that these age-groups of youths are also more vulnerable to injuries and poisoning related deaths. 'Neoplasm' contributes around 15.43% of death under this age group in which 21.14% is due to 'Leukaemia'.
- Around 5.36% of reported medically certified deaths have been in the age group '35-44'.
- In the age-group '35-44', the first two leading causes are 'Neoplasm' and 'Diseases of Circulatory System' having shares of 20.36% and 16.80% respectively. 'Diseases of the Digestive System' contributing around 12.15%.

- Around 12.78% of reported medically certified deaths have been in the age group '45-54'.
- For the age-groups of '45-54', the leading causes of death are 'Neoplasm' and 'Diseases of Circulatory System' having 22.19% and 21.71% respectively. 11.38% of deaths under this age group are related to 'Diseases of the Digestive System' in which 86.41% is due to 'Diseases of the liver'.
- 21.05% of the total medically certified death comes under the age group '55-64'. In this age group the first leading causes of death is 'Diseases of Circulatory System' (25.65%).
- In the age group '55-64' prominent leading causes followed is 'Neoplasm' having percentage of 21.34 and respectively. Under Neoplasm, 29.18% death comes under 'Malignant neoplasm of digestive organs (C15-C26)', 20.39% are 'Malignant neoplasm of respiratory and intrathoracic organs (C30-C39)' and 8.36% are 'Malignant neoplasm of breast'.
- In the age group '55-64' another prominent leading causes is 'Endocrine, Nutritional and Metabolic Diseases' having percentage of 15.31% in which 95.58% due to 'Diabetes mellitus'.
- Around 13.29% of reported medically certified deaths have been in the age group '65-69'.
- For the age-group 65-69 years, the leading causes of death is 'Diseases of Circulatory System' (28.22%). The cause 'Neoplasm' is the next major cause of death (19.71%). Under Neoplasm, 28.39% death comes under 'Malignant neoplasm of digestive organs (C15-C26)' and 22.79% under 'Malignant neoplasm of respiratory and intrathoracic organs (C30-C39)'.
- The age group 70 and above contributes the maximum incidence (36.46%) of total medically certified deaths. The leading cause of death is 'Diseases of Circulatory System' (39.37%). The cause 'Endocrine, Nutritional and Metabolic Diseases' and 'Diseases of the Respiratory System' are the next major causes which contributed 13.52% and 13.11% respectively. The cause 'Neoplasm' is the next major cause of death (11.26%).

***** Gender-wise:

- Out of total medically certified death, 61.92% are male and 38.08% are female.
- There is significant difference between males and females for all age groups under medically certified deaths.

- For infant, age less than one year, 56.85% of deaths are from male and 42.15% female.
- The difference in percentage is significantly high in the age group above 15 years (males-62.47%, females-38.45%) and it is maximum in the age group '55-64' (males-66.99%, females-33.01%).
- In the age-group of '15-24', 65.81% of deaths are from male and 33.19% female, shows difference of 31.63 percentage.
- In the age-group of '15-24', out of 139 death due 'Injury Poisoning & certain other consequences of External causes', 101 are male (72.66%).
- Out of 304 deaths due to 'Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)', 245 are male (80.59%).
- Out of 152 deaths due to 'Malignant neoplasm of oesophagus (C15)', 114 are male (75%).
- Out of 436 deaths due to 'Malignant neoplasm of liver and intra hepatic bile ducts (C22)', 361 are male (82.80%).
- Out of 833 deaths due to 'Malignant neoplasm of trachea, bronchus and lung (C33-C34)', 684 are male (82.11%).
- Out of 91 deaths due to 'Malignant neoplasm of bladder (C67)', 77 are male (83.62%).
- Out of 64 deaths due to 'Disorders of the pancreas (K85-K86)', 50 are male (78.13%).
- Out of 1567deaths due to 'Diseases of the liver (K70-K76)', 1261 are male (80.47%).
- The percentage share of 'Chronic Obstructive Pulmonary Disease (COPD) (J60-J86,J92-J98)' to the total Medically Certified Deaths is 6.93%. Out of 2141deaths due to COPD 1558 are male (72.77%).
- Out of 159 deaths due to 'Burns and Corrosions (T20-T32)', 107 are female (67.30%).
- The percentages of female deaths (66.95%) are more in 'Acute rheumatic fever and chronic rheumatic heart diseases'.



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:

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- ✓ <u>Section 10(2)</u>: 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 subsection (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.
- ✓ <u>Section 17(1) b</u>: 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.
- ✓ <u>Section 23(3)</u>: Any medical practitioner who neglects or refuses to issue a certificate under sub-section (3) of section 10 and any person who neglects or refuses to deliver such certificates shall be punishable with fine which may extend to fifty rupees.

The necessary data is collected in the prescribed Form No.4 (Appendix-II) as filled in by the concerned hospital authorities. A separate Form No.4A (Appendix-III) has been prescribed for non-institutional deaths, which are attended to by the medical practitioners. These forms conform to the international format of medical certification of cause of death as evolved by the World Health Organisation (WHO). These forms comprising two parts which incorporate immediate and antecedent causes of death along with the identification and other particulars of the deceased. Part-I provides for entering the diseases in a specific sequence of events leading to death, so that the immediate cause is recorded first and then the underlying cause. The underlying cause is that morbid condition

which initiated the chain of events leading to death. Besides, there is also a provision for recording the approximate intervals between onset of disease and death in the sequence of events. Part- II of the form allows recording information on other significant morbid conditions, but not directly related to the cause of death. Doctors attending to the deceased during his/her terminal illness are required to fill the forms up.

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

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

The report is presented in 3 chapters and 9 appendices. Chapters 1 and 2 deal with 'Scheme of MCCD: Status of Implementation' and 'Distribution of Deaths by Cause' respectively. Chapter 3 analyses the specific cause of mortality among different age groups by gender. Appendices contain detailed statistical tables for ready reference.

Chapter

LEADING CAUSES OF DEATH

2.0 Introduction

2.1. Diseases of the Circulatory System (IX), (IOO-I99):

- 2.1.1 Ischemic Heart Diseases
- 2.1.2 Cerebrovascular Diseases
- 2.1.3 Diseases of Pulmonary Circulation and other forms of Heart Diseases
- 2.1.4 Hypertensive Diseases.
- 2.1.5 Other Diseases of the Circulatory System
- 2.1.6 Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases

2.2. Neoplasms (II), (C00-D48):

- 2.2.1 Malignant Neoplasms of Digestive Organs
 - 2.2.1.1 Malignant Neoplasm of Liver
 - 2.2.1.2 Malignant Neoplasm of Stomach
- 2.2.2 Malignant Neoplasm of Respiratory and Intra Thoracic Organs
- 2.2.3 Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue 2.2.3.1 Leukaemia
- 2.2.4 Malignant Neoplasms of Genitourinary Organs
- 2.2.5 Malignant Neoplasms of Bone, Mesothelial and Soft Tissue, Skin and Breast
- 2.2.6 Malignant Neoplasms of Other and Unspecified Sites
- 2.2.7 Malignant Neoplasms of Lip, Oral cavity and Pharynx
- 2.2.8 Other Neoplasms

2.3. Endocrine, Nutritional and Metabolic Diseases (IV): (E00-E89) 2.4. Diseases of the Respiratory System (X): (J00-J98)

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

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

2.6.1 Diseases of the Liver

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

- 2.7.1 Septicaemia.
- 2.7.2 Tuberculosis
- 2.7.3 Human Immunodeficiency Virus [HIV]
- 2.7.4 Hepatitis B

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

- 2. 8.1 Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves
- 2.8.2 Poisonings by drugs & biological substances; and Toxic effects of substances chiefly non-medicinal as to source
- 2. 8.3 Burns and Corrosions

2.9. Certain Conditions Originating in the Perinatal Period (XVI): (P00P96)

2.10. Distribution of Causes of Deaths under 'Other Groups'



Chapter II

LEADING CAUSES OF DEATH

2.0 Introduction

Diseases of the Circulatory System (I00-I99), Neoplasm (C00-D48), Endocrine, Nutritional and Metabolic Diseases (E00-E89), Diseases of the Respiratory System (J00-J98), Diseases of the Genitourinary System (N00-N99), Diseases of the Digestive System (K00-K92), Injury, Poisoning and Certain other Consequences of External Causes (S00-T98), Certain Infectious and Parasitic Diseases (A00-B99), and Certain Conditions Originating in the Perinatal Period (P00-P96) taken together account for about 90.81% of the total Medically Certified Deaths. The remaining causes of deaths are grouped in 'Other Group' category.

			SI	Total			
Sl,No	CAUSE OF DEATH	M	ale	Fen	nale	10	lai
		No.	%	No.	%	No.	%
1	Diseases of the circulatory system (100-199)	5135	26.84	3502	29.77	8637	27.96
2	Neoplasms (C00-D48)	3057	15.98	2005	17.04	5062	16.39
3	Endocrine, nutritional and metabolic diseases (E00-E89)	2271	11.87	1765	15.00	4036	13.06
4	Diseases of the respiratory system (J00-J98)	2041	10.67	1049	8.92	3090	10.00
5	Diseases of the genitourinary system (N00-N99)	1400	7.32	827	7.03	2227	7.21
6	Diseases of the digestive system (K00-K92)	1544	8.07	450	2.83	1994	6.45
7	Injury, poisoning and certain other consequences of external causes (S00-T98)	828	3.33	326	2.77	1154	2.74
8	Certain infectious and parasitic diseases (A00-B99)	753	2.94	372	2.16	1125	2.64
9	Certain conditions originating in the perinatal period (P00-P96)	417	2.18	313	2.66	730	2.36
10	Other Groups	1685	8.81	1154	9.81	2839	9.19
Total		19131	100	11763	100	30894	100

Table 2.0: Medically Certified Deaths by Sex and leading cause-groups during 2018

Among the leading cause groups, 'Diseases of Circulatory System (I00-I99) constitute 27.96% followed by 'Neoplasms (C00-D48)' 16.39%, 'Endocrine, Nutritional and Metabolic Diseases (E00-E89)' 13.06%, 'Diseases of the Respiratory System (J00-J98)' 10.00%, 'Diseases of the Genitourinary System (N00-N99)' constitute 7.21%, 'Diseases of the Digestive system (K00-K92)' 6.45%, 'Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)' 2.74%, 'Certain Infectious and Parasitic Diseases' 2.64%, 'Certain Conditions Originating in the Perinatal Period (P00-P96)' 2.36%, and 'Other groups' constitute around 9.19% respectively.

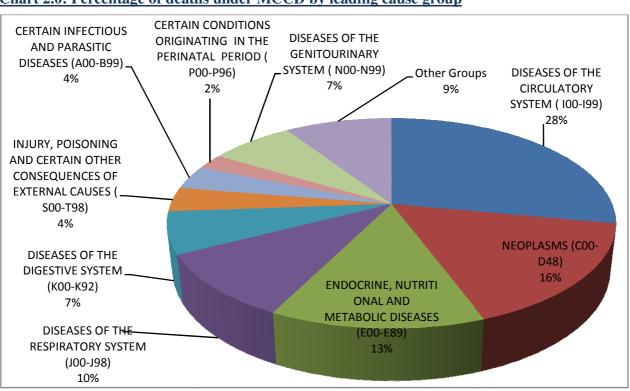


Chart 2.0: Percentage of deaths under MCCD by leading cause group

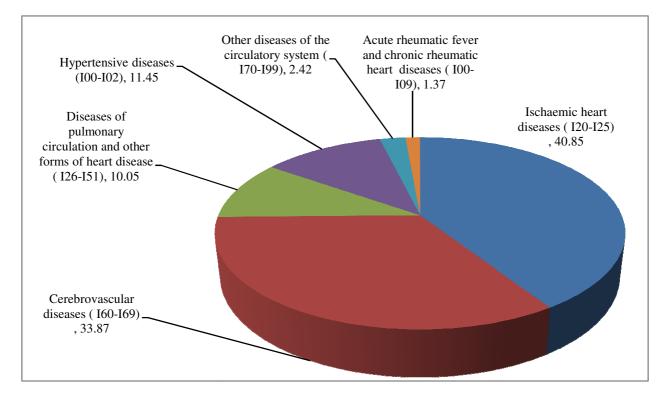
2.1 Diseases of the Circulatory System (IX), (I00-I99):

Deaths reported under 'Diseases of the Circulatory System' are the major death cause which accounted 27.96% of the total Medically Certified Deaths during 2018. Out of this the percentage death based on gender was 26.84% male and 29.77% female respectively. 'Ischaemic heart diseases (I20-I25) (40.85%)', 'Cerebrovascular diseases (I60-I69) (33.87%)', 'Hypertensive diseases (I00-I02)(11.45%)' and 'Diseases of pulmonary circulation and other forms of heart disease (I26-I51) (10.05%)' are the major cause groups under 'Diseases of the Circulatory System'. Table 2.1 and Chart 2.1 depict the number and percentage of death due to diseases of circulatory system according to gender and under line cause of death within the leading cause group.

CI			SI		Total		
Sl. No	CAUSE OF DEATH	Male		Female			
		No.	%	No.	%	No.	%
1	Hypertensive diseases (I00-I02)	527	10.26	462	12.19	989	11.45
2	Ischaemic heart diseases (I20-I25)	2257	42.95	1271	36.29	3528	40.85
3	Diseases of pulmonary circulation and other forms of heart disease (I26-I51)	488	9.50	380	10.85	868	10.05
4	Cerebrovascular diseases (160-169)	1676	32.64	1249	35.67	2925	33.87
5	Other diseases of the circulatory system (170-199)	148	2.88	61	1.74	209	2.42
6	Acute rheumatic fever and chronic rheumatic heart diseases (100-109)	39	0.76	79	2.26	118	1.37
7	Total Medically Certified Deaths due to Diseases of Circulatory System	5135	100	3502	100	8637	100
8	Deaths due to Diseases of Circulatory System as percentage to total medically certified deaths	5135	26.84	3502	29.77	8637	27.96

Table 2.1: Distribution of major causes of deaths under 'Diseases of Circulatory System'

Chart 2.1: Medically certified deaths due to 'Diseases of Circulatory System'



Report on Medical Certification of Cause of Death 2018

Age and sex wise analysis of medically certified deaths due to 'Diseases of Circulatory System' has been given in Table 2.2 and in Chart 2.2. The age distribution under this cause group circulatory system shows that the number of incidence of death increases with advancing age. Both the gender sets off age group 55 to 64 are no symmetrical to the rest of the age groups. Deaths within the age group 55-64 are about double the number of deaths compared to that of upper and lower age group stratum. Age and sex wise data shows the number of death of both gender are narrow up to the age group of 25-34 and thereafter the gap widen and reached in peak in the age group 55-64 then again tend to narrow the gap after 65-69 age group.

Numbers of deaths are more in the group 'Diseases of circulatory system' and within that group 'Ischemic heart diseases (120-125)' and 'Cerebrovascular diseases (160-169)' together comes around 73.96% of the total deaths under the ICD classification.

Table 2.2: Age & Sex wise distribution of deaths due to 'Diseases of Circulatory System'.

			SEX					
Sl,No	Age Group	М	ale	Fen	nale	Total		
	-	No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	1	0.03	1	0.01	
3	5-14	4	0.08	10	0.29	14	0.16	
4	15-24	31	0.60	14	0.40	45	0.52	
5	25-34	60	1.17	29	0.83	89	1.03	
6	35-44	192	2.74	86	2.46	278	2.22	
7	45-54	567	11.04	290	8.28	857	9.92	
8	55-64	1086	21.15	582	16.62	1668	19.31	
9	65-69	771	15.01	475	12.56	1246	13.43	
10	70+	2421	47.15	2014	57.51	4435	51.35	
11	N.S.	3	0.06	1	0.03	4	0.05	
то	TAL	5135	100.00	3502	100.00	8637	100.00	

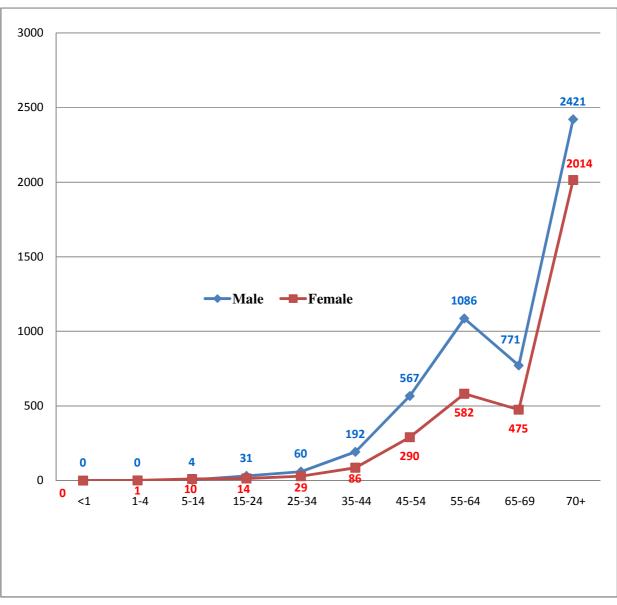


Chart 2.2: Age & Sex wise distribution of deaths due to 'Diseases of Circulatory System'.

2.1.1 Ischemic Heart Diseases (I20-I25)

The sub-group 'Ischemic Heart Diseases (IHD)' characterized by reduced blood supply to the heart muscle, usually due to Coronary artery disease (arthrosclerosis of the Coronary arteries) accounts for the highest number of deaths (40.85%) under the major group 'Diseases of Circulatory System'. Out of the death due to Ischemic Heart Disease, 62.97% were males and 36.03% females. 11.42 percentage of the total medically certified death is due to 'Ischemic Heart Disease'. The age distribution of medically certified deaths due to 'Ischemic Heart Diseases (IHD)' has been given in Table 2.3. It is the main cause of death above the age group '45 and above' which is about 97.56% of the total death under this ICD Group.

			SI	EX	Total			
Sl,No	Age Group	M	lale	Fe	male	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	0	0.00	0	0.00	0	0.00	
4	15-24	3	0.13	1	0.08	4	0.11	
5	25-34	9	0.40	1	0.08	10	0.28	
6	35-44	58	2.57	14	1.10	72	2.04	
7	45-54	188	8.33	63	3.96	251	7.11	
8	55-64	419	18.56	222	17.47	641	18.17	
9	65-69	327	13.49	197	15.50	524	13.85	
10	70+	1253	55.52	773	60.82	2026	57.43	
TOTAL		2257	100	1271	100	3528	100	

Table 2.3: Age & Sex wise distribution of deaths due to 'Ischemic Heart Diseases (IHD)'

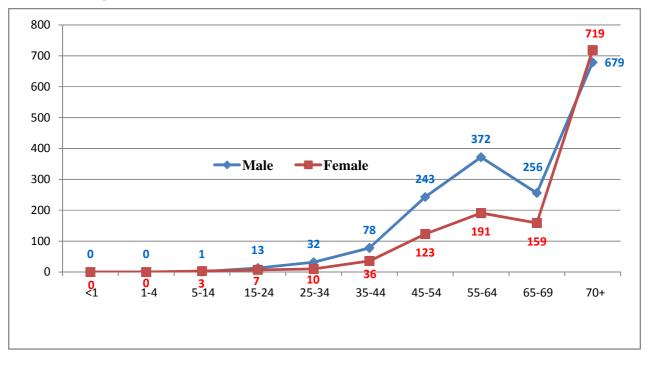
2.1.2 Cerebrovascular Diseases (I60-I69)

The sub group 'Cerebrovascular Diseases' is reported to be the second highest cause of deaths constituting 33.87% of the 'Diseases of Circulatory System'. More deaths occurred in '45 and above' age group. The gender breakup of the total death due to 'Cerebrovascular Diseases' are 57.30% were males and 42.70% were female. 9.47 percentage of the total medically certified death is due to 'Cerebrovascular Diseases'. The age distribution of medically certified deaths due to 'Cerebrovascular Diseases' has been given in Table 2.4 and is graphically represented in Chart 2.3.

			Ś	Total				
Sl,No	Age Group	Male		Fe	emale	Totai		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	1	0.06	3	0.24	4	0.14	
4	15-24	13	0.78	7	0.56	20	0.68	
5	25-34	32	1.91	10	0.80	42	1.44	
6	35-44	78	3.65	36	2.88	114	2.90	
7	45-54	243	13.50	123	9.85	366	12.51	
8	55-64	372	22.20	191	15.29	563	19.25	
9	65-69	256	15.27	159	12.73	415	13.19	
10	70+	679	40.51	719	57.57	1398	47.79	
11	N.S.	2	0.12	1	0.08	3	0.10	
Т	TOTAL		100	1249	100	2925	100.00	

 Table 2.4:
 Age & Sex wise distribution of deaths due to 'Cerebrovascular Diseases'

Chart 2.3: Age & Sex wise distribution of deaths due to 'Cerebrovascular Diseases'



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2.1.3 Hypertensive Diseases (I10-I15)

The sub group 'Hypertensive Diseases' is reported to be the third highest cause of deaths constituting 11.45% the 'Diseases of Circulatory System'. More deaths reported in '55 and above' age group. Out of the death due to Hypertensive Diseases, 52.29% were males and 46.71% females.

			SI				
Sl,No	Age Group	Ma	ale	Fen	nale	Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	0	0.00	0	0.00
3	5-14	0	0.00	1	0.22	1	0.10
4	15-24	0	0.00	0	0.00	0	0.00
5	25-34	4	0.76	0	0.00	4	0.40
6	35-44	11	2.09	3	0.65	14	1.42
7	45-54	51	9.68	33	7.14	84	8.49
8	55-64	121	22.96	71	15.37	192	19.41
9	65-69	99	18.79	59	12.77	158	15.98
10	70+	241	45.73	295	62.85	536	53.20
11	N.S.	0	0.00	0	0.00	0	0.00
,	TOTAL	527	100	462	100	989	100

Table 2.5: Age & Sex wise distribution of deaths due to 'Hypertensive Diseases'

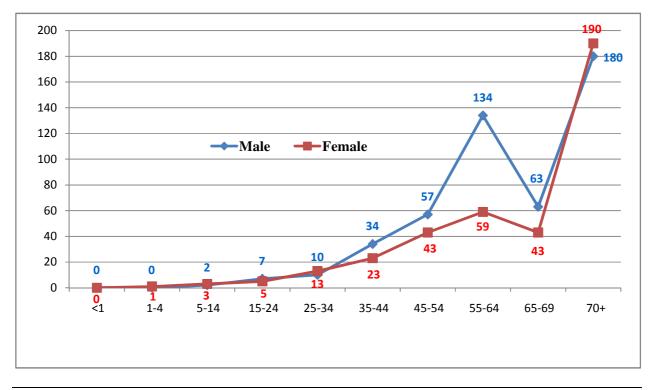
2.1.4 Diseases of Pulmonary Circulation and other forms of Heart Diseases. (I26-I51)

'Diseases of Pulmonary Circulation and other forms of heart Diseases' is the fourth major cause of death under the group 'Diseases of Circulatory System'. Numbers of deaths are more in the age group 55 and above, are under ICD I26-I51 disease category. Out of the total deaths due to 'Diseases of Pulmonary Circulation and other forms of Heart Diseases', 56.22% are males and 42.78% females.

			SF	Total			
Sl,No	Age Group	M	ale	Fen	nale	Total	
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	1	0.26	1	0.12
3	5-14	2	0.41	3	0.79	5	0.58
4	15-24	7	1.43	5	1.32	12	1.38
5	25-34	10	2.05	13	2.42	23	2.65
6	35-44	34	6.97	23	6.05	57	6.57
7	45-54	57	11.68	43	11.32	100	11.52
8	55-64	134	27.46	59	15.53	193	22.24
9	65-69	63	12.91	43	11.32	106	12.21
10	70+	180	36.89	190	50.00	370	42.63
11	N.S.	1	0.20	0	0.00	1	0.12
7	TOTAL	488	100	380	100	868	100

 Table 2.6: Age & Sex wise distribution of deaths due to 'Diseases of Pulmonary Circulation and other forms of Heart Diseases'

Chart 2.4: Age & Sex wise distribution of deaths due to 'Diseases of Pulmonary Circulation and other forms of Heart Diseases'



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2.1.5 Other diseases of the Circulatory System (I70-I99)

'Other diseases of the circulatory system' contributing 2.42% events cause under the major group 'Diseases of Circulatory System', which includes diseases of arteries, arterioles & capillaries. Out of the death due to 'Other diseases of the circulatory system', 70.81% were males and 29.19% females. Maximum deaths reported for '45 and above' age group.

			SI	Total				
Sl,No	Age Group	Μ	Male		Female		Total	
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	0	0.00	3	3.92	3	1.44	
4	15-24	4	2.70	1	1.64	5	2.39	
5	25-34	3	2.03	2	2.28	5	2.39	
6	35-44	8	5.41	4	6.56	12	5.74	
7	45-54	17	11.49	7	11.48	24	11.48	
8	55-64	29	19.59	12	19.67	41	19.62	
9	65-69	25	16.89	8	12.11	33	15.79	
10	70+	62	41.89	24	39.34	86	41.15	
11	N.S.	0	0.00	0	0.00	0	0.00	
	TOTAL		100	61	100	209	100	

Table 2.7: Age & Sex wise distribution of deaths due to 'Other diseases of the Circulatory System'

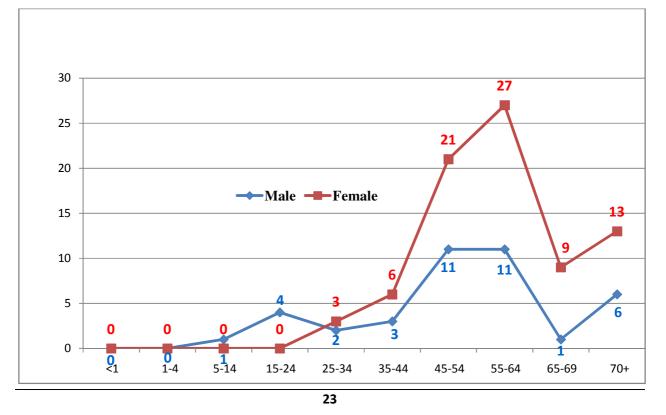
2.1.6 Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases (I00-I09)

'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases' (1.64%) are another leading cause under the major group 'Diseases of Circulatory System'. The percentages of *female* deaths (66.95%) are more in 'Acute rheumatic fever and chronic rheumatic heart diseases'.

			S					
Sl,No	Age Group	Μ	Iale	Fen	nale	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	1	2.56	0	0.00	1	0.85	
4	15-24	4	10.26	0	0.00	4	2.39	
5	25-34	2	5.13	3	2.80	5	3.24	
6	35-44	3	7.69	6	7.59	9	7.63	
7	45-54	11	28.21	21	26.58	32	27.12	
8	55-64	11	28.21	27	33.18	38	32.20	
9	65-69	1	2.56	9	11.39	10	8.47	
10	70+	6	15.38	13	16.46	19	16.10	
11	N.S.	0	0.00	0	0.00	0	0.00	
]	TOTAL		100	79	100	118	100	

 Table 2.8: Age & Sex wise distribution of deaths due to 'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases'.

Chart 2.5: Age & Sex wise distribution of deaths due to 'Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases'



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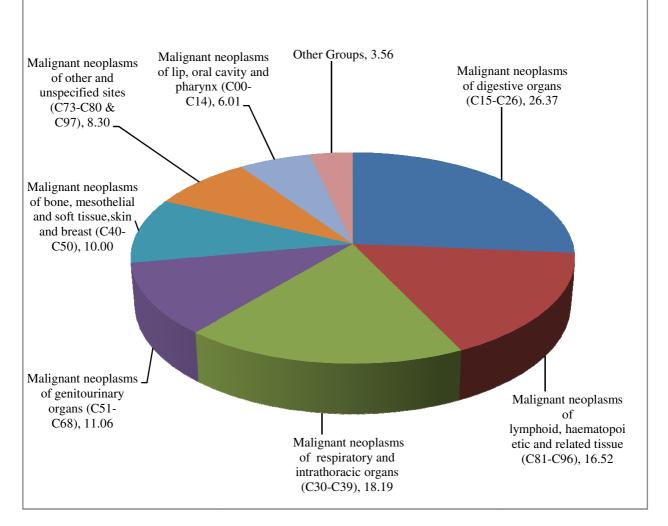
2.2. Neoplasms/Cancer (II), (C00-D48):

'Neoplasm', which is commonly known as Cancer, is responsible for 16.39% of the total Medically Certified Deaths. The percentage of deaths due to 'Neoplasms' in total males deaths is 15.97% as compared to the corresponding figure of 17.06% in case of female. Out of 5062 Neoplasm deaths, 3055 were males (60.39%) and 2005 females (39.61%). The distribution of major causes of deaths under the group is given in the Table 2.9 and Chart 2.6.

SI.N o	CAUSE OF DEATH	SEX				Total	
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasms of digestive organs (C15-C26)	925	30.28	410	20.43	1335	26.37
2	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	767	25.11	154	7.67	921	18.19
3	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	497	16.27	339	16.89	836	16.52
4	Malignant neoplasms of genitourinary organs (C51-C68)	263	8.61	297	13.80	560	11.06
5	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	48	1.57	458	22.82	506	10.00
6	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)		6.58	219	10.91	420	8.30
7	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	245	8.02	59	2.94	304	6.01
8	Other Groups	109	2.57	71	2.54	180	2.56
	Total Medically Certified Deaths due to Neoplasm		100	2007	100	5062	100
	Deaths due to Neoplasm as percentage to total medically certified deaths		15.97	2007	17.06	5062	16.39

Among the 'Neoplasm' deaths, 'Malignant Neoplasm of Digestive Organs' accounts for the highest mortality (26.37%), followed by 'Malignant Neoplasm of Respiratory and Intrathoracic Organs' (18.19%), 'Malignant of Lymphoid, Haematopoietic & other related tissue' (16.52%), 'Malignant neoplasms of genitourinary organs' (11.06%) and 'Malignant neoplasms of bone, mesothelium and soft tissue, skin and breast' (10.00%), 'Malignant neoplasms of other unspecified sites' (8.30%), and 'Malignant neoplasms of lip, oral cavity and pharynx' (6.01%) are other major causes.





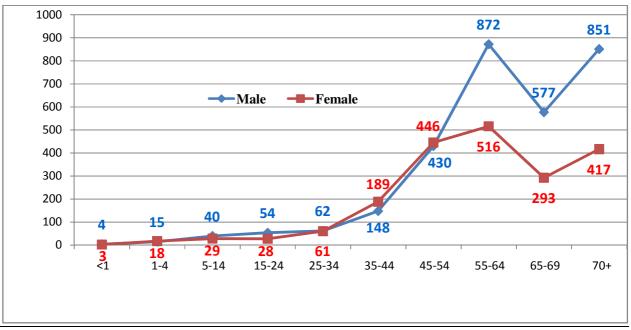
The number of 'Neoplasm' deaths are more in '45 and above' age group. The tendency of Neoplasm deaths are low for the male and female for the age group up to 44 and the gap become widen after '45 and above' age group. The age distribution of medically certified deaths due to 'Neoplasm' has been given in Table 2.10.

Sl,No	Age Group		SI	T (1				
		Male		Fen	nale	Total		
		No.	%	No.	%	No.	%	
1	<1	4	0.13	3	0.15	7	0.14	
2	1-4	15	0.49	18	0.90	33	0.65	
3	5-14	40	1.31	29	1.44	69	1.36	
4	15-24	54	1.77	28	1.40	82	1.62	
5	25-34	62	2.03	61	3.04	123	2.43	
6	35-44	148	3.84	189	9.42	337	6.66	
7	45-54	430	14.08	446	22.22	876	17.31	
8	55-64	870	28.48	518	25.81	1388	27.42	
9	65-69	577	18.89	293	13.60	870	17.19	
10	70+	851	27.86	417	20.78	1268	25.05	
11	N.S.	4	0.13	5	0.25	9	0.18	
TOTAL		3055	100	2007	100	5062	100	

Table 2.10: Age distribution of deaths due to 'Neoplasm'.

The age distribution of medically certified deaths due to 'Neoplasm' has been highlighted in Chart 2.7. The age distribution under this cause group is increases with age.





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2.2.1 Malignant Neoplasms of Digestive Organs(C15-C26)

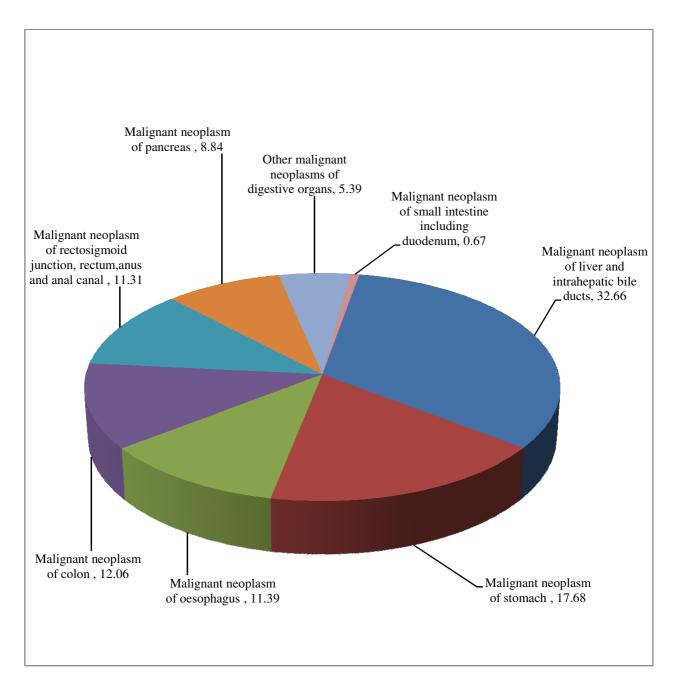
The sub group 'Malignant Neoplasms of Digestive Organs' is reported to be the highest cause of deaths constituting 26.37% of the deaths due to 'Neoplasm'. The share of deaths due to 'Malignant Neoplasms of Digestive Organs' in males deaths is 30.28% as against 20.43% of corresponding female deaths. Out of 1335 death under this cause, 925 were males (69.29%). That shows 'Malignant Neoplasms of Digestive Organs' in males are more than double that of females.

Among the deaths under 'Malignant Neoplasms of Digestive Organs', 32.66% is due to 'Malignant neoplasm of liver'. Out of which the male death accounts for about 82.80% of the total deaths due to malignancy in liver. 'Malignant Neoplasm of Stomach'(17.68%), 'Malignant neoplasm of colon' (12.06%), 'Malignant neoplasm of oesophagus'(11.39%), 'Malignant neoplasm of recto sigmoid junction, rectum, anus and anal canal' (11.31%), 'Malignant neoplasm of pancreas' (8.84%), are other major causes under this group. The distribution of major causes of deaths under the group is given in the Table 2.11 and depicted in Chart 2.8.

 Table 2.11:Distribution of major causes of deaths among 'Malignant Neoplasms of Digestive Organs'

CT.	CAUSE OF DEATH	SEX					
Sl, No		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasm of liver and intrahepatic bile ducts	361	39.03	75	18.29	436	32.66
2	Malignant neoplasm of stomach		17.08	78	19.02	236	17.68
3	Malignant neoplasm of oesophagus		12.32	38	9.27	152	11.39
4	Malignant neoplasm of colon	82	8.86	79	19.27	161	12.06
5	Malignant neoplasm of recto sigmoid junction, rectum, anus and anal canal	97	10.49	54	12.17	151	11.31
6	Malignant neoplasm of pancreas		7.89	45	10.98	118	8.84
7	Other malignant neoplasms of digestive organs	36	2.89	36	8.78	72	5.39
8	Malignant neoplasm of small intestine including duodenum including duodenum	4	0.43	5	1.22	9	0.67
Total Medically Certified Deaths due to 'Malignant neoplasms of digestive organs '		925	100	410	100	1335	100
dige	Deaths due to 'Malignant neoplasms of digestive organs' as percentage to total Neoplasm deaths.		30.26		20.45		26.37

Chart 2.8: Percentage distribution of major causes of deaths due to 'Malignant Neoplasms of Digestive Organs' under MCCD – 2018

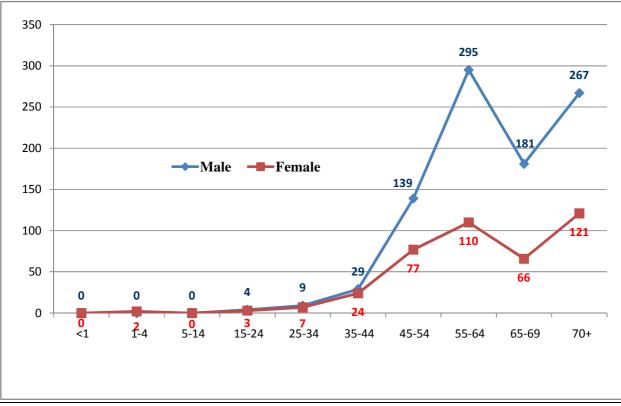


Comparatively less number of 'Malignant Neoplasms of Digestive Organs' death occurred for '25 and below' age group. Number of deaths are more in '55 and above' age group. Number of death is almost the same for male and female for the age up to 34 under this group. For '35 and above' age, male deaths are more. The age wise distribution of major causes of deaths under 'Malignant Neoplasms of Digestive Organs' given in the Table 2.12 and depicted in Chart 2.9

			S	EX		,	Total	
Sl.No	Age Group	Male		Fe	emale			
		No	%	No	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	2	0.49	2	0.15	
3	5-14	0	0.00	0	0.00	0	0.00	
4	15-24	4	0.43	3	0.73	7	0.52	
5	25-34	9	0.97	7	1.71	16	1.20	
6	35-44	29	2.14	24	5.85	53	2.97	
7	45-54	139	15.03	77	18.78	216	16.18	
8	55-64	295	31.89	110	26.83	405	30.34	
9	65-69	181	19.57	66	16.10	247	18.50	
10	70+	267	28.86	121	29.51	388	29.06	
11	N.S.	1	0.11	0	0.00	1	0.07	
	TOTAL	925	100	410	100	1335	100	

Table 2.12: Age distribution of deaths due to 'Malignant Neoplasms of Digestive Organs'

Chart 2.9: Age distribution of deaths due to 'Malignant Neoplasms of Digestive Organs'



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2.2.1.1 Malignant Neoplasm of Liver (C22)

Among the death covered under 'Malignant Neoplasms of Digestive Organs', 32.66% is due to 'Malignant neoplasm of liver'. Out of 436 deaths due to 'Malignant neoplasm of liver', 361 were male deaths (82.80%). This is around five times more than that of female deaths. 'Malignant neoplasm of liver' is the cause for 8.61% of total 'Neoplasm' deaths, which is 11.82% of the total male neoplasm deaths. Considering the total medically certified deaths, 1.41% of death is due to this cause. And also considering the total medically certified male deaths, 1.89% of death is due to this cause.

Number of deaths is very less for age 'under 34'. For '45 and above' age groups, number of deaths is increasing and maximum number of deaths occurred for the age group '55-64'. The age distribution of medically certified deaths due to 'Malignant neoplasm of liver' has been given in Table 2.13 and Chart 2.10.

			SI	EX		Т	otal
Sl.No	Age Group	Μ	lale	Fe	male		otai
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	0	0.00	2	2.67	2	0.46
3	5-14	0	0.00	0	0.00	0	0.00
4	15-24	2	0.55	0	0.00	2	0.46
5	25-34	1	0.28	0	0.00	1	0.23
6	35-44	10	2.77	2	2.67	12	2.75
7	45-54	48	12.30	10	12.33	58	12.30
8	55-64	109	30.19	18	24.00	127	29.13
9	65-69	83	22.99	16	21.33	99	22.71
10	70+	108	29.92	27	36.00	135	30.96
11	N.S.	0	0.00	0	0.00	0	0.00
	TOTAL		100	75	100	436	100

Table 2.13: Age distribution of deaths due to 'Malignant neoplasm of liver'

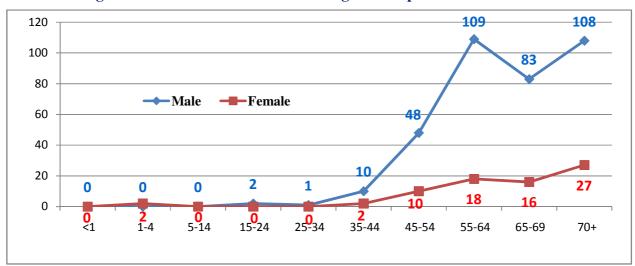


Chart 2.10: Age distribution of deaths due to 'Malignant neoplasm of liver'

2.2.1.2 Malignant Neoplasm of Stomach (C16)

Among the death covered under 'Malignant Neoplasms of Digestive Organs', 17.68% is due to 'Malignant Neoplasm of Stomach' and the incidence of deaths are occur in males. Out of 236 deaths due to 'Malignant Neoplasm of Stomach', 158 were male deaths (66.95%). No deaths occurred under age 15. For '45 and above' age, number of deaths in upward trend and maximum number of deaths occurred for the age group '55-64'. The age distribution of medically certified deaths due to 'Malignant Neoplasm of Stomach' given in Table 2.14 and in Chart 2.11.

Table 2.14: Age	distribution of de	aths due to 'Mal	ignant Neoplasm	of Stomach'

			SF	Total				
Sl.No	Age Group	N	Iale	Fei	male	10tai		
		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	0.63	2	2.56	3	1.27	
5	25-34	2	1.27	4	5.13	6	2.54	
6	35-44	2	1.27	6	7.69	8	2.39	
7	45-54	27	17.09	18	23.08	45	19.07	
8	55-64	53	32.54	19	23.36	72	30.51	
9	65-69	18	11.39	10	12.82	28	11.86	
10	70+	55	33.81	19	23.36	74	31.36	
r	TOTAL		100	78	100	236	100	

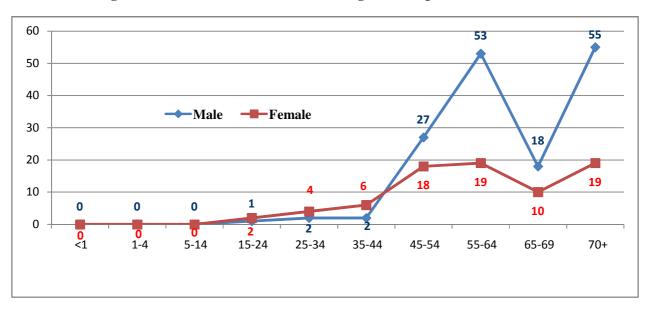


Chart 2.11: Age distribution of deaths due to 'Malignant Neoplasm of Stomach'

2.2.2 Malignant Neoplasm of Respiratory and Intra Thoracic Organs (C30-C39)

The sub group 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' is reported to be the second highest cause of deaths constituting 18.19% of the 'Neoplasm' deaths. Among the death covered under 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs', 90.45% is due to 'Malignant neoplasm of lungs'. Out of 921deaths due to 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs', 767 are male (82.28%). The distribution of major causes of deaths under the group is given in the Table 2.15 and depicted in Chart 2.12.

			SE	EX		т	otal	
Sl.No	CAUSE OF DEATH	N	Iale	Fei	male	Total		
		No.	%	No.	%	No.	%	
1	Malignant neoplasm of larynx	77	10.04	2	1.30	79	8.58	
2	Malignant neoplasm of trachea, bronchus and lung	684	89.18	149	96.75	833	90.45	
3	Other malignant neoplasm of respiratory and intrathoracic organsintrathoracic organs	6	0.78	3	1.95	9	0.98	
	Medically Certified Deaths due to Malignant sms of respiratory and intrathoracic organs	767	100	154	100	921	100	
	due to 'Malignant neoplasms of respiratory and oracic organs' as percentage to total Neoplasm	3057	25.09	2005	7.68	5062	18.19	

Table2.15:Distribution of major causes of deaths among 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs'

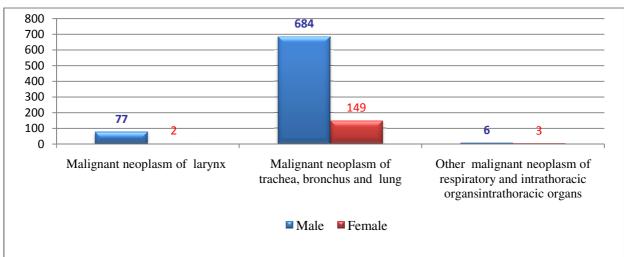


Chart2.12:Distribution of major causes of deaths among 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs'

Among deaths caused by 'Malignant Neoplasm of Respiratory and Intra Thoracic Organs' about 73.27% is due to Lung Cancer in male. Lung Cancer in male alone accounts for around 12.51% of total male Neoplasm deaths. Out of 833 deaths due to 'Malignant Neoplasm of Lungs', 684 were male deaths (82.11%). This is more than four times that of female deaths. The age distribution of medically certified deaths due to 'Malignant neoplasm of lungs' has been highlighted in Table 2.16.

			SF	EX		Та	tal	
Sl,No	Age Group	Ma	ale	Fen	nale	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	0	0.00	0	0.00	0	0.00	
4	15-24	1	0.15	0	0.00	2	0.24	
5	25-34	0	0.00	5	2.36	5	0.60	
6	35-44	11	1.61	18	12.08	29	2.48	
7	45-54	99	13.49	31	20.81	130	15.61	
8	55-64	215	31.48	44	29.53	259	31.09	
9	65-69	165	23.16	21	14.09	186	22.33	
10	70+	192	28.11	30	20.13	222	26.65	
11	N.S.	0	0.00	0	0.00	0	0.00	
TOTAL		683	100	149	100	833	100	

Table 2.16: Age distribution of deaths due to 'Malignant neoplasm of lungs'

The age distribution of medically certified deaths due to 'Malignant neoplasm of lungs' has been highlighted in Chart 2.13.

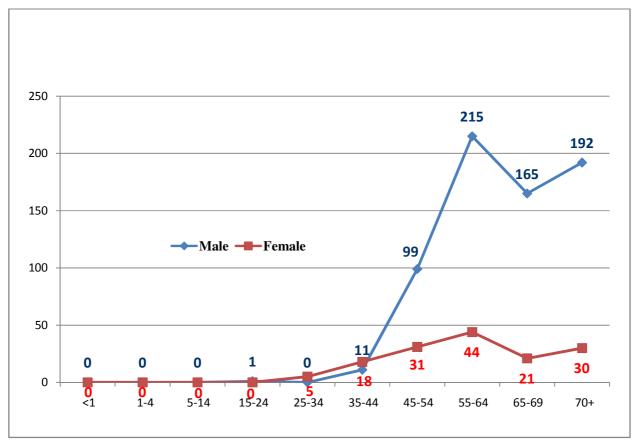


Chart 2.13: Age distribution of deaths due to 'Malignant Neoplasm of Lungs'

2.2.3 Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue

The sub group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue' is reported to be the third highest cause of deaths constituting 16.52% of the deaths due to 'Neoplasm'. The percentage of female deaths due to 'Malignant neoplasms of lymphoid, haematopoietic and related tissue' to total female neoplasm deaths is 16.89% as compared to 16.27% of corresponding male neoplasm deaths.

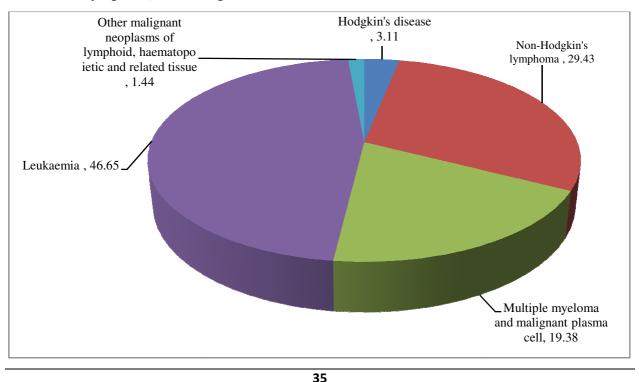
Among the death covered under the group, 46.65% is due to 'Leukaemia'. 'Non-Hodgkin's lymphoma' (29.43%), 'Multiple myeloma and malignant plasma cell' (19.38%) are other major causes. The distribution of major causes of deaths under the group is given in the Table 2.17.

CI			SI	EX		т	otal
Sl, No	CAUSE OF DEATH	Male		Fe	male	1	otai
110		No.	%	No.	%	No.	%
1	Leukaemia	220	43.27	170	50.15	390	46.65
2	Non-Hodgkin's lymphoma	157	31.59	89	26.25	246	29.43
3	Multiple myeloma and malignant plasma cell	95	19.11	67	19.76	162	19.38
4	Other malignant neoplasms of lymphoid, haematopoietic and related tissue	6	1.21	6	1.77	12	1.44
5	Hodgkin's disease	19	2.82	7	2.06	26	2.11
Total Medically Certified Deaths due to Malignant neoplasms of lymphoid, haematopoietic and related tissue		497	100	339	100	836	100

Table2.17:Age distribution of deaths due to 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue'

The major causes of death in the group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue' is given on Chart 2.14.

Chart 2.14:Distribution of major causes of deaths among 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue'



2.2.2.1 Leukaemia

In the sub group 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue', 46.65% of death is due to Leukaemia. 43.27% of death due to Leukaemia was among males. It occurred in all age groups and maximum number (19.23%) of deaths in the age group '45-54'. It is one of the main reasons for death of children in the age group '1-14'. The age distribution of medically certified deaths due to Leukaemia has been highlighted in Chart 2.15.

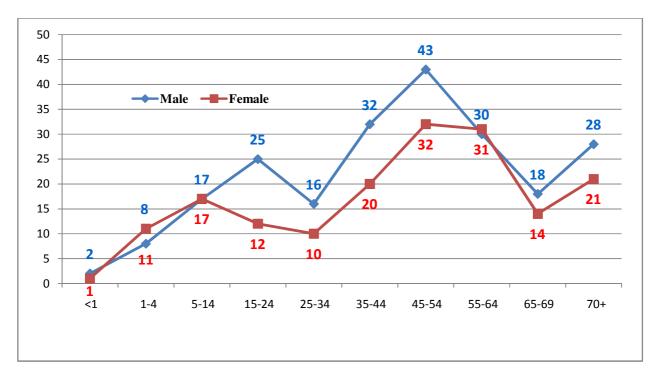


Chart 2.15: Age distribution of deaths due to 'Leukaemia'

2.2.4 Malignant Neoplasms of Genitourinary Organs

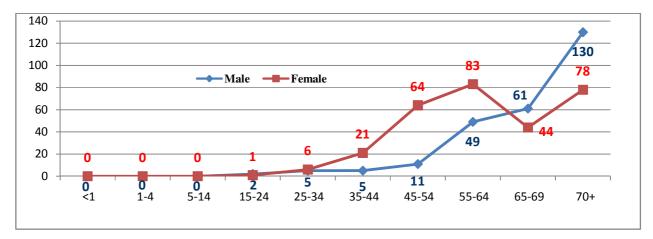
The sub group 'Neoplasms of Genitourinary Organs' is reported to be the next highest cause of deaths constituting 11.06% of the deaths due to 'Neoplasm'. The percentage of female deaths due to 'Neoplasms of Genitourinary Organs' to total female neoplasm deaths is 13.80% as compared to 8.61 % of corresponding male neoplasm deaths.

Under the cause, 'Malignant Neoplasms of Genitourinary Organs', 23.64% is due to 'Malignant Neoplasm of Ovary'. Under this group 22.75% of male neoplasm death is due to 'Malignant Neoplasm of Prostate' and 16.25% of male neoplasm death is due to 'Malignant Neoplasm of Bladder'. Out of 560 deaths due to 'Malignant Neoplasms of Genitourinary Organs', 297 were female deaths (53.04%). The age distribution of medically certified deaths due to 'Malignant Neoplasms of Genitourinary Organs' has been highlighted in Table 2.18.

			SI	EX				
Sl,No	Age Group	Ν	Ale	Fe	emale	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	0	0.00	0	0.00	0	0.00	
4	15-24	2	0.76	1	0.34	3	0.54	
5	25-34	5	1.90	6	2.02	11	1.96	
6	35-44	5	1.90	21	7.07	26	3.64	
7	45-54	11	3.18	64	21.55	75	12.39	
8	55-64	49	18.63	83	27.95	132	22.57	
9	65-69	61	22.19	44	13.81	105	18.75	
10	70+	130	49.43	78	26.26	208	37.14	
11	N.S.	0	0.00	0	0.00	0	0.00	
Т	TOTAL		100	297	100	560	100	

Table 2.18: Age distribution of deaths due to 'Malignant Neoplasms of Genitourinary Organs'

Chart 2.16: Age distribution of deaths du e to 'Malignant Neoplasms of Genitourinary Organs'



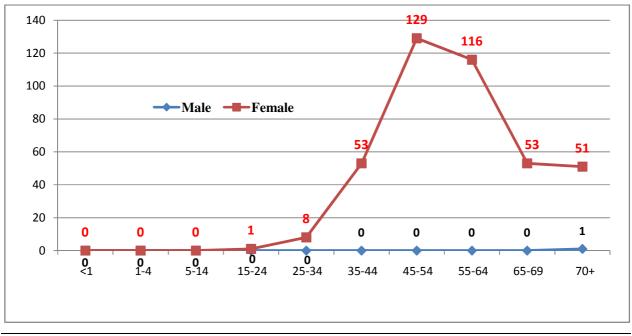
2.2.5 Malignant Neoplasms of Bone, Mesothelial and Soft Tissue, Skin and Breast

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 10.00% of the 'Neoplasm'. Among deaths caused by 'Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast' about 81.62% is due to Breast Cancer in female. Breast Cancer alone accounts 20.58% of the total female Neoplasm death. Number of female death due to breast cancer is more in the age group '45-54'. The age distribution of medically certified deaths due to 'Malignant neoplasm of Breast' has been highlighted in Table 2.19.

			SI	EX				
SI,No	Age Group	N	lale	Fe	emale	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	0	0.00	0	0.00	0	0.00	
4	15-24	0	0.00	1	0.24	1	0.24	
5	25-34	0	0.00	8	1.94	8	1.93	
6	35-44	0	0.00	53	12.83	53	12.80	
7	45-54	0	0.00	129	31.23	129	31.16	
8	55-64	0	0.00	116	28.09	116	28.02	
9	65-69	0	0.00	53	12.83	53	12.80	
10	70+	1	0.24	51	12.35	52	12.56	
11	N.S.	0	0.00	2	0.48	2	0.48	
T	TOTAL		0.24	413	99.76	414	100	

Table 2.19: Age distribution of deaths due to 'Malignant Neoplasm of Breast'

Chart 2.17: Age distribution of deaths due to 'Malignant Neoplasm of Breast'



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2.2.6 Malignant Neoplasms of Other and Unspecified Sites

The percentage of male deaths and female deaths under the cause, 'Malignant neoplasm of other and unspecified sites' are 47.86% and 52.14% respectively which constitute about 8.30% of the total Neoplasm deaths.

2.2.7 Malignant neoplasm of lip, oral cavity and pharynx

The percentage of male deaths and female deaths under the cause, 'Malignant neoplasm of lip, oral cavity and pharynx' are 80.59% and 19.41% respectively which is about 6.01% of the total Neoplasm deaths.

2.2.8 Other Neoplasms

Under 'Other Neoplasms', the causes with 'Malignant neoplasms of eye, brain and other parts of central nervous system' 1.54%, 'Benign neoplasms' 1.21%, and 'Other unspecified neoplasm' 0.08% are reported under Medically Certified Deaths.

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

This is the third leading cause group which has caused to 13.06% of the total Medically Certified Deaths. Diabetes Mellitus, Thyroid disorders, Malnutrition are the major cause under this group. 'Diabetes Mellitus', that causes serious health complications such as renal failures, heart disease, stroke and blindness, is a disease in which Pancreas no longer produces enough insulin or when cells stop responding to the insulin that is produced, so that glucose in the blood cannot be absorbed into the cells of the body. It alone accounts for 90.78% of total deaths reported under the cause group. Out of 3664 deaths due to 'Diabetes Mellitus', 2079 were males (56.74%). The share of diabetes mellitus in total Medically Certified Deaths is 11.86%.

This is the major cause of death due to Non Communicable Diseases. The age wise distribution of deaths under 'Diabetes Mellitus' is depicted in the Chart 2.18 and the age wise distribution of deaths under the group 'Endocrine, Nutritional and Metabolic Diseases' is depicted in the Table 2.20.

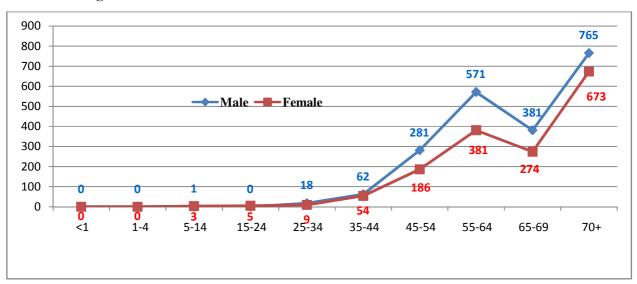


Chart 2.18: Age & Sex wise distribution of deaths due to 'Diabetes Mellitus'

Table 2.20: Age & Sex wise distribution of deaths due to 'Endocrine, Nutritional and Metabolic Diseases'

			S	EX		т	atal
Sl,No	Age Group	Ν	Iale	Fe	emale	10	otal
		No.	%	No.	%	No.	%
1	<1	8	0.35	4	0.23	12	0.30
2	1-4	4	0.18	2	0.11	6	0.15
3	5-14	10	0.44	6	0.34	16	0.40
4	15-24	2	0.09	6	0.34	8	0.20
5	25-34	21	0.92	12	0.68	33	0.82
6	35-44	69	3.04	63	2.57	132	2.27
7	45-54	302	12.30	198	11.22	500	12.39
8	55-64	594	26.16	402	22.78	996	23.68
9	65-69	404	17.79	292	16.54	696	17.24
10	70+	857	37.74	780	43.19	1637	40.56
Т	OTAL	2271	100.00	1765	100.00	4036	100.00

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

'Diseases of Respiratory System' is the fourth leading cause which responsible for 10.00% of the total Medically Certified Deaths. This is one of the main reasons for death among males. This has contributed to 10.67% of male 8.92% of females of the respective total Medically Certified

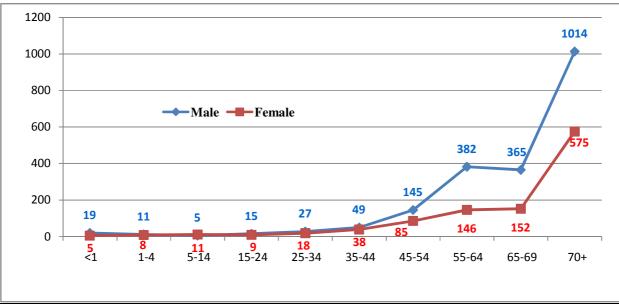
Deaths. Pneumonia and Chronic Obstructive Pulmonary Disease are the major underline cause of diseases under this category. The distribution of the major cause group is given Table 2.21.

Table 2.21:	Distribution	of major	causes	of a	deaths	among	'Diseases	of	the	Respiratory	y
Sy	stem'										

			SE	X		Т	otal
Sl.No	CAUSE OF DEATH	M	ale	Fe	male	10	otai
		No.	%	No.	%	No.	%
1	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	2	0.10	0	0.00	2	0.06
2	Lower respiratory diseases (J20-J22 & J40-J47)	1586	77.71	648	61.77	2234	72.30
3	Other diseases of the respiratory system (J10-J18,J60-J98)	453	22.20	401	38.23	854	27.64
	Medically Certified Deaths due to ses of Respiratory System	2041	100	1049	100	3090	100
System	s due to Diseases of Respiratory n as percentage to total medically ed deaths	2041	10.67	1049	8.916	3090	10

The death due to 'Respiratory System Disease' is more among the age group 0-4 and and decreases upto the age group '25- 34'. The maximum death reported from the age group 70+. The age composition of deaths due to 'Diseases of Respiratory System' is presented in Table 2.22 and is highlighted in Chart 2.19.





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			SF	X			
Sl.No	Age Group	М	lale	Fe	male	Tot	al
		No.	%	No.	%	No.	%
1	<1	19	0.93	5	0.48	24	0.78
2	1-4	11	0.54	8	0.76	19	0.61
3	5-14	5	0.24	11	1.05	16	0.52
4	15-24	15	0.73	9	0.86	24	0.78
5	25-34	27	1.32	18	1.72	45	1.46
6	35-44	49	2.40	38	2.62	87	2.82
7	45-54	145	7.10	85	8.10	230	7.44
8	55-64	382	18.72	146	12.92	528	17.09
9	65-69	365	17.88	152	13.49	517	16.73
10	70+	1014	49.68	575	53.81	1589	51.42
11	N.S.	9	0.44	2	0.19	11	0.36
TOTAL		2041	100	1049	100	3090	100

Table 2.22: Age & Sex wise distribution of deaths due to 'Diseases of Respiratory System'

'Lower Respiratory disorders' is the leading cause of death, and has caused 72.30% of total deaths under the major cause group 'Diseases of Respiratory System'. Out of 2234 death happened in this group, 1586 were male (70.99%). Chronic Obstructive Pulmonary Disease (COPD) is the major cause, which is 69.29% of the death reported under 'Respiratory System Disease'. The percentage share of Chronic Obstructive Pulmonary Disease (COPD) to the total Medically Certified Deaths is 6.93%. Less number of death is reported up to the age group 34, deaths due to this underline cause increases with age and is significantly high 'above 45' and maximum death reported from the age group 70+. The age composition of deaths due to 'Chronic Obstructive Pulmonary Disease (COPD)' is presented in Table 2.23.

			SE	X		Total		
Sl.No	Age Group	Male		Fe	emale	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	0	0.00	0	0.00	
3	5-14	0	0.00	1	0.17	1	0.05	
4	15-24	3	0.19	3	0.51	6	0.28	
5	25-34	4	0.26	5	0.86	9	0.42	
6	35-44	15	0.96	14	2.40	29	1.35	
7	45-54	92	5.91	34	5.83	126	5.89	
8	55-64	305	19.58	78	12.38	383	17.89	
9	65-69	300	19.26	96	16.47	396	18.50	
10	70+	830	52.27	350	60.03	1180	55.11	
11	N.S.	9	0.58	2	0.34	11	0.51	
TOTAL		1558	100	583	100	2141	100	

 Table 2.23: Age & Sex wise distribution of deaths due to 'Chronic Obstructive Pulmonary Disease'

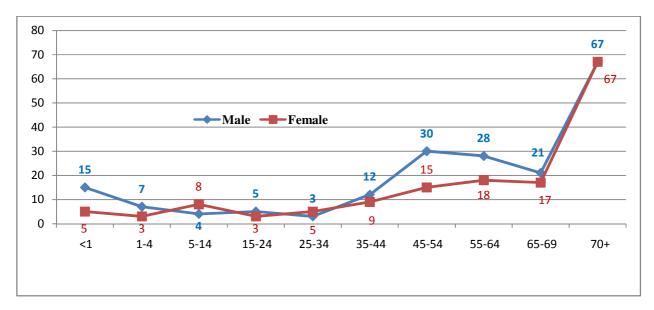
It is followed by 'Other Diseases of the Respiratory System' (27.64%), which includes 'Pneumonia' an inflammatory illness of the lung. 'Pneumonia' is one of the leading cause of death in this major group which about 11.07% of the deaths reported under 'Respiratory System Disease'. The percentage share of Pneumonia to the total Medically Certified Deaths is 1.11%. It is one of the cause for death below 4 years age group. 30 deaths reported due to 'Pneumonia' for 0-4 age group in which 20 deaths are below one year. Deaths reported due to 'Pneumonia' for 0-4 age group is 8.77% of the total death due to same cause.

The death due to 'Pneumonia' is more among the age group 0-14 and decreases up to the age group '25- 34'. The maximum death reported from the age group 70+. The age composition of deaths due to 'Pneumonia' is presented in Table 2.24 and is highlighted in Chart 2.20.

			S	EX		T-4-1		
Sl.No	Age Group	Ν	Ale	F	emale	Total		
		No.	%	No.	%	No.	%	
1	<1	15	7.81	5	2.33	20	5.85	
2	1-4	7	2.65	3	2.00	10	2.92	
3	5-14	4	2.08	8	5.33	12	2.51	
4	15-24	5	2.60	3	2.00	8	2.34	
5	25-34	3	1.56	5	2.33	8	2.34	
6	35-44	12	6.25	9	6.00	21	6.14	
7	45-54	30	15.63	15	10.00	45	12.16	
8	55-64	28	13.58	18	12.00	46	12.45	
9	65-69	21	10.94	17	11.33	38	11.11	
10	70+	67	33.90	67	43.67	134	39.18	
TOTAL		192	100	150	100	342	100	

Table 2.24: Age & Sex wise distribution of deaths due to 'Pneumonia'

Chart 2.20: Age & Sex wise distribution of deaths due to 'Pneumonia'



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

The major group comprising 'Diseases of the Genitourinary System' is the fifth leading cause group, responsible for 7.21% of the total Medically Certified Deaths with 7.32% of male and 7.03% of female deaths to their respective total Medically Certified Deaths. The percentage of male deaths to total death under this group is 62.86%.

The distribution of major causes of deaths under this group is given in the Table 2.25 and highlighted in Chart 2.21. The leading cause under this category is due to 'Renal failure' (69.51%). Out of 1548 deaths due to 'Renal failure', 1001 were males (71.50%).

The second leading cause under this cause group 22.50% of death is due to 'Glomerular diseases (including Nephritic Syndrome)'. Glomerular disease reduces the ability of the kidneys to maintain a balance of certain substances in bloodstream. In people with glomerular disease, red blood cells and protein may be excreted into the urine, while toxins may be retained. Out of 501deaths reported due to 'Glomerular diseases', 333 were males (66.46%).

 Table 2.25: Distribution of major causes of deaths among 'Diseases of the Genitourinary System'

			S	EX		Τα	ıtal
Sl,No	CAUSE OF DEATH	M	ale	Fei	male		
		No.	%	No.	%	No.	%
1	Glomerular diseases (including Nephritic Synodrome)	333	22.79	168	20.31	501	22.50
2	Renal failure	1001	71.50	547	66.14	1548	69.51
3	All other diseases of urinary system	46	2.29	97	11.73	143	6.42
4	Other disorders of kidney and ureter	2	0.14	1	0.12	3	0.13
5	Renal tubulo-interstitial diseases	5	0.36	5	0.60	10	0.45
6	Other diseases of the genitourinary system	11	0.79	8	0.97	19	0.85
7	Urolithiasis	2	0.14	1	0.12	3	0.13
	Medically Certified Deaths due to ASES OF THE GENITOURINARY EM	1400	100	827	100	2227	100
GENI	s due to DISEASES OF THE FOURINARY SYSTEM as ntage to total medically certified		7.32		7.03		7.21

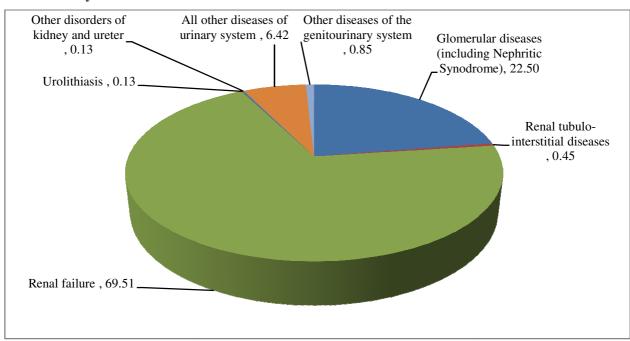


Chart 2.21: Distribution of major causes of deaths among 'Diseases of the Genitourinary System'

The age wise distribution of death among 'Diseases of the Genitourinary System' is shown below. Deaths due to this underline cause increases with age and is significantly high 'above 45'. Above the age 45 the deaths reported are 92.28% of the total death under the group.

Table 2.26: Age & Sex wise distribution	of major	causes o	of deaths	among	'Diseases	of the
Genitourinary System'						

		SEX					Total	
Sl,No	Age Group	N	Iale	Fe				
		No.	%	No.	%	No.	%	
1	<1	0	0.00	1	0.12	1	0.04	
2	1-4	2	0.14	1 0.12		3	0.13	
3	5-14	2	0.14	5 0.60		7	0.31	
4	15-24	13	0.93	11 1.33		24	1.08	
5	25-34	26	1.86	11	1.33	37	1.66	
6	35-44	63	3.50	34	3.11	97	3.36	
7	45-54	180	12.86	106	12.82	286	12.84	
8	55-64	381	27.21	174	21.04	555	23.92	
9	65-69	228	16.29	133	16.08	361	16.21	
10	70+	502	35.86	351	42.44	853	38.30	
11	N.S.	3	0.21	0 0.00		3	0.13	
TOTAL		1400	100	827	100	2227	100	

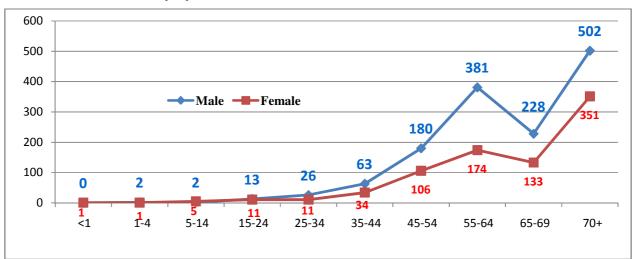


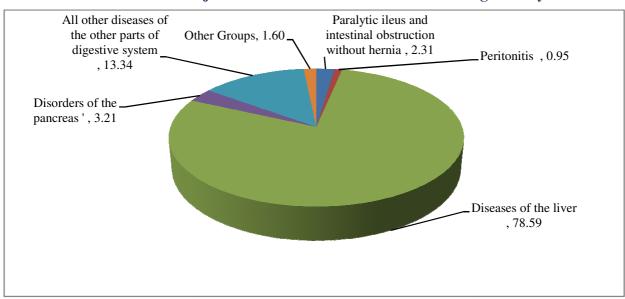
Chart 2.22: Age & Sex wise distribution of major causes of deaths among 'Diseases of the Genitourinary System'

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

'Diseases of Digestive system' is the sixth leading cause group, responsible for 6.45% of the total Medically Certified Deaths with 8.07% of male and 2.82% of female deaths of the respective total Medically Certified Deaths. The percentage of male digestive disorder deaths to total Medically Certified Deaths is more than three times to that of corresponding female deaths. 77.43% 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 2.27and is in Chart 2.23.

			S	EX		Т	otal
Sl,No	CAUSE OF DEATH	Μ	lale	Fe	emale	10	otai
		No.	%	No.	%	No.	%
1	Paralytic ileus and intestinal obstruction without hernia	25	1.62	21	3.67	46	2.31
2	Peritonitis	11	0.71	8	1.78	19	0.95
3	Diseases of the liver	1261	81.67	306	68.00	1567	78.59
4	Disorders of the pancreas '	50	2.24	14	2.11	64	2.21
5	All other diseases of the other parts of digestive system	178	11.53	88	19.56	266	12.34
6	Other Groups	19	1.23	13	2.89	32	1.60
Deaths due to digestive system as percentage to total medically certified deaths		1544	8.07	450	2.82	1994	6.45

Table 2.27: Distribution of ma	ior causes of deaths due to	Diseases of Digestive System'
Table 2.27. Distribution of ma	joi causes of deaths due to	Diseases of Digestive System





Comparatively less number of deaths occurred below the age 25 for male and female. It shows a upward trend in death rate for males with respect to age above 25 and more. As revealed from the Table 2.24, the number of deaths are more for the age group '45-54' and '55-64'. The age composition of deaths due to 'Diseases of Digestive system' is presented in Table 2.28 and is highlighted in Chart 2.24.

Table 2.28: Age & Sex wise distribution of deaths due to 'Diseases of Digestive System' under MCCD-2018

			S		Total			
Sl,No	Age Group	Μ	lale	Fei	nale	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	2	0.44	2	0.10	
2	1-4	2	0.13	1	0.22	3	0.15	
3	5-14	3	0.19	7	1.56	10	0.50	
4	15-24	13	0.84	7	1.56	20	1.00	
5	25-34	41	2.66	7	1.56	48	2.41	
6	35-44	177	11.46	24	5.33	201	10.08	
7	45-54	401	25.97	48	10.67	449	22.52	
8	55-64	462	29.92	107	22.78	569	28.54	
9	65-69	202	13.08	62	12.78	264	12.24	
10	70+	241	15.61	185	41.11	426	21.36	
11	N.S.	2	0.13	0	0.00	2	0.10	
r	FOTAL	DTAL 1544 100			100	1994	100	

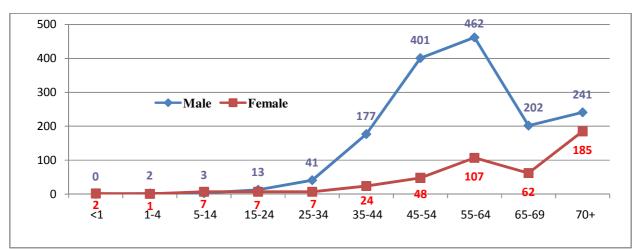


Chart 2.24: Age & Sex wise distribution of deaths due to 'Diseases of Digestive System' under MCCD-2018

2.6.1 Diseases of the liver

78.59% of cause under 'Diseases of Digestive System' is 'Diseases of the liver'. Out of 1567 death reported due to 'Diseases of the liver', 1261 were males (80.47%). The male deaths due to 'Diseases of the liver', is 4.08% of the total Medically Certified Deaths, and 6.59% of total Medically Certified male Deaths.

The age wise distribution of death due to disease of liver is shown in Table 2.29. 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 '35 and above' age. 96.94% of deaths was reported in the age 45 and above age group. This is highlighted in Chart 2.25.

			S	EX		Total		
Sl,No	Age Group	Μ	lale	Fe	emale	10(a)		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	1	0.33	1	0.06	
3	5-14	1	0.08	5	1.63	6	0.38	
4	15-24	7	0.56	5	1.63	12	0.77	
5	25-34	24	1.90	4	1.31	28	1.79	
6	35-44	144	11.42	16	5.23	160	10.21	
7	45-54	351	27.84	37	12.09	388	23.76	
8	55-64	395	31.32	90	29.41	485	30.95	
9	65-69	170	12.48	43	14.05	213	12.59	
10	70+	168	12.32	105	33.31	273	17.42	
11	N.S.	1	0.08	0	0.00	1	0.06	
TOTAL 1261 100.00		100.00	306	100.00	1567	100.00		

Table 2.29: Age & Sex wise distribution of death due to 'Diseases of the liver'

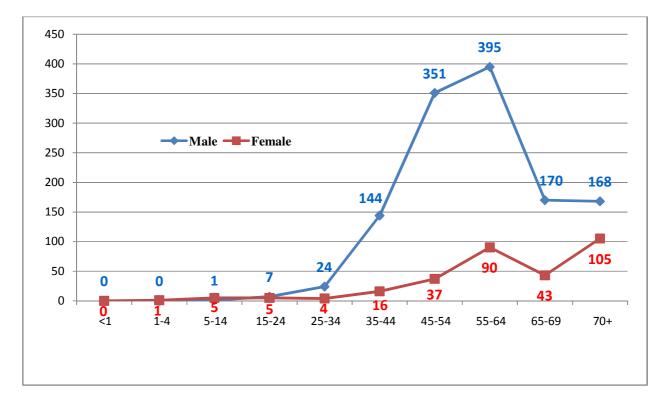


Chart 2.25: Age & Sex wise distribution of death due to 'Diseases of the liver'

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

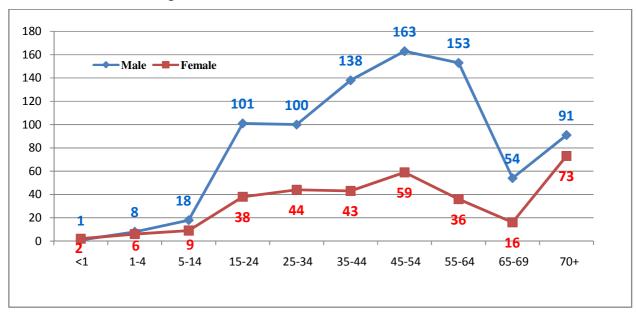
The external causes like Road Accidents, Suicides, Falls, Burns and Corrosions, Snake Bite, and Violence are the main reason for the death under 'Injury Poisoning and Certain other Consequences of External Causes'. It is the seventh leading cause group responsible for 2.74% of total Medically Certified Deaths.

Under this cause group 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves' alone have contributed to 61.79% of the total deaths, this is followed by 'Burns and Corrosions' (12.78%) and 'Poisonings by drugs and biological substances and toxic effects of substances chiefly non-medicinal as to source' (11.44%). Death due to Burns and corrosions among females is 67.30% as compared to 32.70% among males, under this major group. The distribution of chief constituents of the major cause group is given in the Table 2.30. Age distribution of deaths due to 'Injury, Poisoning and Certain Other Consequences of External Causes' and is depicted in Chart 2.26.

Table 2.30: Distribution of major causes of deaths among 'Injury, Poisoning and Certain Other Consequences of External Causes'

			SF	EX		Та	tal
Sl.No	CAUSE OF DEATH	Ma	ale	Fe	male	10	tal
		No.	%	No.	%	No.	%
1	Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves	591	71.38	122	37.42	713	61.79
2	Burns and Corrosions	52	6.28	107	32.82	159	12.78
3	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly non-medicinal as to source	94	11.35	38	11.66	132	11.44
4	Complications of Surgical and Medical care, not elsewhere classified	28	2.38	29	8.90	57	3.94
5	Other and unspecified effects of external causes and certain early complications of trauma	29	2.50	21	6.44	50	3.33
6	Late effects of injuries, of poisoning and of other consequences of external causes	30	2.62	7	2.15	37	2.21
7	Other Groups	4	0.48	2	0.61	6	0.52
Deaths due to INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES as percentage to total medically certified deaths		828	3.33	326	2.77	1154	2.74

Chart 2.26: Age & Sex wise distribution of deaths due to 'Injury, Poisoning and Certain Other Consequences of External Causes'



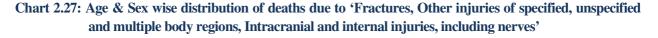
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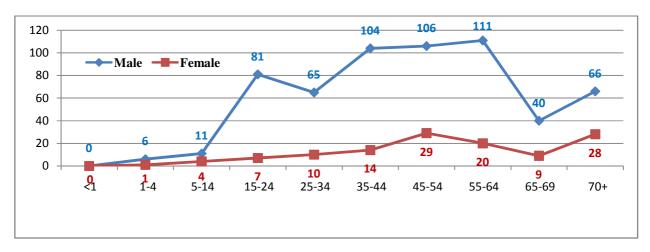
2.7.1 Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves

The external causes like 'Road Accidents, Suicides and Falls', are the main reason for the death under the cause 'Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'. 82.89% of the deaths under the external cause are males. That is almost four out of five deaths are males. Less number of deaths occurred below 14 years. Out of 88 deaths occurred in the age group '15-24', which is 12.34% of the death occurred due to 'Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves', 81 are males (92.05%). More than 75% death occurred in 15-64 years age group. The age wise distribution of deaths under this cause are given in Table 2.31 and depicted in Chart 2.27.

Table 2.31: Age & Sex wise distribution of deaths due to 'Fractures, other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'

			SE	X		Total		
Sl,No	Age Group	Μ	ale	Fe	male	10	lai	
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	6	1.02	1	0.82	7	0.98	
3	5-14	11	1.86	4	2.28	15	2.10	
4	15-24	81	12.71	7	5.74	88	12.34	
5	25-34	65	11.00	10	8.20	75	10.52	
6	35-44	104	17.60	14	11.48	118	16.55	
7	45-54	106	17.94	29	22.77	135	18.93	
8	55-64	111	18.78	20	16.39	131	18.37	
9	65-69	40	6.77	9	7.38	49	6.87	
10	70+	66	11.17	28	22.95	94	12.18	
11	N.S.	1	0.17	0	0.00	1	0.14	
TOTAL		591	100	122	100	713	100	





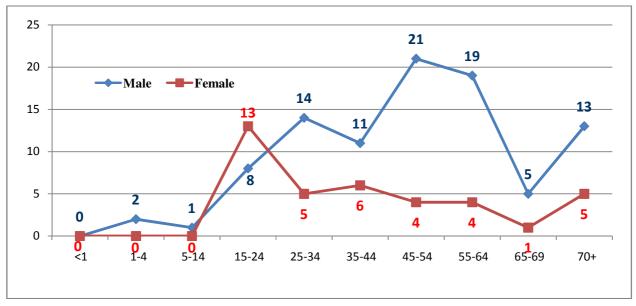
2.7.2 Poisonings by drugs & biological substances; and Toxic effects of substances chiefly non-medicinal as to source

The external causes like Suicides and Accidents are the main reason for the death under this category. Suicides due to poisons, insecticides, acids, medicines and biological substances come under this category. 71.21% of deaths under this cause are from males. Maximum deaths are in the age group '45-54'. Maximum number of female death happened in the age group '15-24' (33.21%) and for males it is '45-54' age group (22.34%). Under the age group '25-64', the percentage of male death is 77.38%.

			SE	EX		Total	
Sl,No	Age Group	Μ	lale	Fe	male	10	otai
		No.	%	No.	%	No.	%
1	<1	0	0.00	0	0.00	0	0.00
2	1-4	2	2.13	0	0.00	2	1.52
3	5-14	1	1.06	0	0.00	1	0.76
4	15-24	8	8.51	13	33.21	21	15.91
5	25-34	14	13.89	5	12.16	19	13.39
6	35-44	11	11.70	6	15.79	17	12.88
7	45-54	21	22.34	4	10.53	25	18.94
8	55-64	19	20.21	4	10.53	23	17.42
9	65-69	5	5.32	1	2.63	6	3.55
10	70+	13	12.83	5	12.16	18	12.64
11	N.S.	0	0.00	0	0.00	0	0.00
Т	OTAL	94	100	38	100	132	100

Table 2.32: Age & Sex wise distribution of deaths due to 'Poisonings by drugs & biological
substances; and Toxic effects of substances chiefly non medicinal as to source'

Chart 2.28: Age & Sex wise distribution of deaths due to 'Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedical as to source'



2.7.3 Burns and Corrosions

The external causes like Suicides and Accidents are the main reason for the death under 'Burns and Corrosions'. Under the cause 67.30% were female deaths, one of the cause group where deaths of females are more than that of males. 60.75% of the female deaths due to this cause are in the age group '15-54'. Maximum female deaths were reported in the age group '25-44' (37.74%).

			SE	EX				
Sl,No	Age Group	Male		Fe	male	Total		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	2	1.87	2	1.26	
3	5-14	3	5.77	1	0.93	4	2.52	
4	15-24	1	1.92	15	14.02	16	10.06	
5	25-34	10	19.23	19	17.76	29	18.24	
6	35-44	13	25.00	18	16.82	31	19.50	
7	45-54	13	25.00	13	12.15	26	16.35	
8	55-64	5	9.62	6	5.61	11	6.92	
9	65-69	3	5.77	6	5.61	9	5.66	
10	70+	4	7.69	27	25.23	31	19.50	
T	OTAL	52	100	107	100	159	100	

Table 2.33: Age & Sex wise distribution of deaths due to 'Burns and Corrosions'

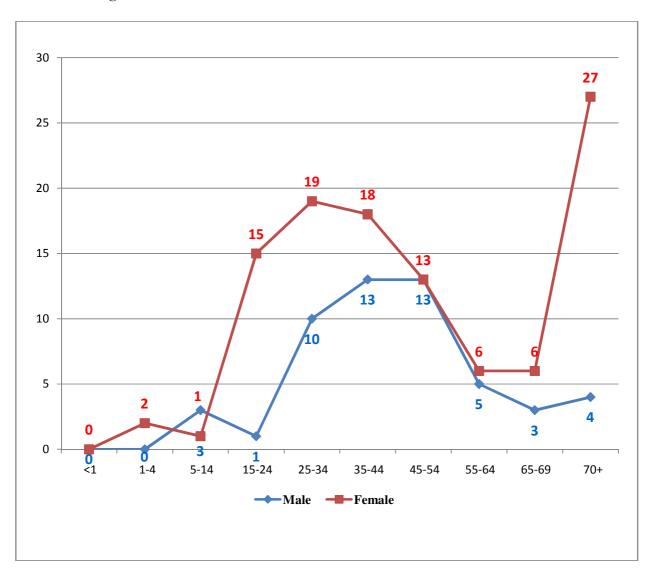


Chart 2.29: Age & Sex wise distribution of deaths due to 'Burns and Corrosions'

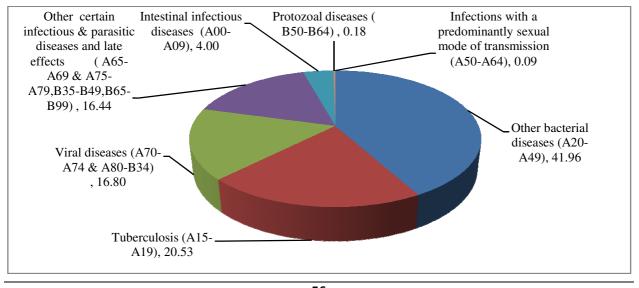
2.8 Certain Infectious and Parasitic Diseases (I): (A00-B99)

It is the eighth leading cause group of disease accounting for 2.64% of total Medically Certified Deaths, which constitute 2.94% of male and 2.16% of female medically certified deaths of their respective totals. Tuberculosis, Diarrhoea, Septicaemia, Human Immunodeficiency Virus [HIV] disease and Hep atitis are the major causes under this group. Around 28.09% of death under this group is due to Septicaemia and 20.53% is due to Tuberculosis. Out of 189 deaths occurred under the group 'Viral Diseases', 36 were due to 'Dengue fever' and 69 were due to 'Human immunodeficiency virus [HIV] disease'. The distribution of major components under this cause group is shown in the Table 2.34 and is depicted in Chart 2.30.

			SI	EX		т	otal
Sl,No	CAUSE OF DEATH	Μ	lale	Fe	male		Jai
		No.	%	No.	%	No.	%
1	Other bacterial diseases (A20-A49)	303	40.24	169	45.43	472	41.96
2	Tuberculosis (A15-A19)	156	20.72	75	20.16	231	20.53
3	Viral diseases (A70-A74 & A80- B34)	127	16.87	62	16.67	189	16.80
4	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases (A65-A69 & A75-A79,B35-B49,B65-B99)	144	19.12	41	11.02	185	16.44
5	Intestinal infectious diseases (A00-A09)	22	2.92	23	6.18	45	4.00
6	Protozoal diseases (B50-B64)	0	0.00	2	0.54	2	0.18
7	Infections with a predominantly sexual mode of transmission (A50-A64)	1	0.13	0	0.00	1	0.09
Certai	Medically Certified Deaths due to n Infectious and tic Diseases	753	100	372	100	1125	100
Parasi as	s due to Certain Infectious and tic Diseases percentage to total medically ed deaths	753	2.94	372	2.16	1125	2.64

 Table 2.34:Distribution of major causes of deaths among 'Certain Infectious and Parasitic Diseases'.

Chart 2.30: Percentage distribution of medically certified deaths due to 'Certain Infectious & Parasitic Diseases'.



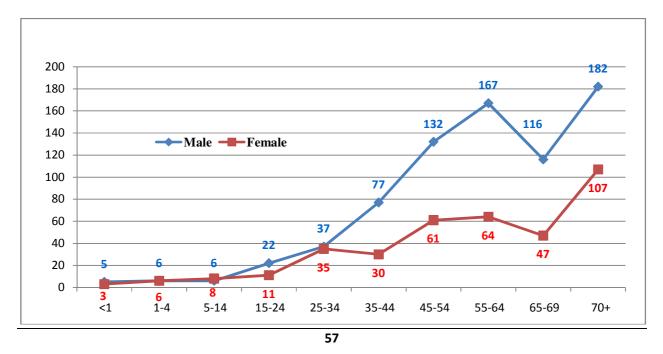
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The age and sex wise distribution of medically certified deaths due to 'Certain Infectious and Parasitic Diseases' has been given below in Table 2.35 and is presented in Chart 2.31.

			S		Total			
Sl.No	Age Group	Ν	/Iale	Fe	male	Total		
		No.	%	No.	%	No.	%	
1	<1	5	0.66	3	0.81	8	0.71	
2	1-4	6	0.80	6	1.61	12	1.07	
3	5-14	6	0.80	8	2.15	14	1.24	
4	15-24	22	2.92	11	2.96	33	2.93	
5	25-34	37	3.91	35	9.41	72	6.40	
6	35-44	77	10.23	30	8.06	107	9.51	
7	45-54	132	17.53	61	16.40	193	17.16	
8	55-64	167	22.18	64	17.20	231	20.53	
9	65-69	116	15.41	47	12.63	163	13.49	
10	70+	182	23.17	107	28.76	289	25.69	
11	N.S.	3	0.40	0	0.00	3	0.27	
Т	OTAL	753	100	372	100	1125	100	

Table 2.35: Age & Sex wise distribution of deaths due to 'Certain Infectious and Parasitic Diseases'

Chart 2.31: Age & Sex wise distribution of deaths due to 'Certain Infectious & Parasitic Diseases'



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2.8.1 Septicaemia.

Among 'Certain Infectious and Parasitic Diseases', the group 'Other bacterial diseases' is the highest reported medically certified cause of mortality, constituting around 41.96% in which 66.95% is due to 'Septicaemia'. 1.02% of total Medically Certified Death is due to 'Septicaemia'. Out of 316 deaths reported under 'Septicaemia', 189 were male (59.81%). Maximum deaths were reported in the age group '55-64' and 70+. This is given below in Table 2.36.

			SE	·	Total			
Sl.No	Age Group	Male		Fe	male	10(4)		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	1	0.53	0	0.00	1	0.32	
3	5-14	0	0.00	2	1.57	2	0.63	
4	15-24	2	1.06	3	2.36	5	1.58	
5	25-34	3	1.59	5	2.94	8	2.53	
6	35-44	19	10.05	6	3.72	25	7.91	
7	45-54	28	13.81	17	12.39	45	13.24	
8	55-64	36	19.05	21	16.54	57	18.04	
9	65-69	22	11.64	21	16.54	43	12.61	
10	70+	78	41.27	52	40.94	130	41.14	
11	N.S.	0	0.00	0	0.00	0	0.00	
T	OTAL	189	100	127	100	316	100	

Table 2.36: Age	& Sex wise	distribution	of death	due to	'Septicaemia '

2.8.2 Tuberculosis

Among 'Certain Infectious and Parasitic Diseases', the group 'Tuberculosis' is the second highest reported medically certified cause of mortality, constituting around 20.53% in which, 80.52% is due to 'Respiratory Tuberculosis'. 'Respiratory Tuberculosis' deaths in males are 70.97% as against 29.03% of females.

2.8.3 Human Immunodeficiency Virus [HIV]

16.80% of death under the group 'Certain Infectious and Parasitic Diseases' is due to 'Viral diseases'. In the group 'Viral diseases', 'Human Immunodeficiency Virus [HIV]' (36.51%), 'Dengue fever' (19.05%), 'Other viral encephalitis' (12.17%), 'Acute Hepatitis B' (8.47%), and 'Other viral hepatitis' (3.76%) are the major causes.

Under the group 'Viral diseases', Human Immunodeficiency Virus [HIV] disease causes 36.51% of deaths. Out of 69 deaths under HIV, 42 were males (60.87%). More deaths were

reported in the age group '35-54' (56.52%). Age wise distribution of death due to 'Human Immunodeficiency Virus [HIV]' has been given below in Table 2.37.

			SI		Total			
Sl.No	Age Group	Ν	Iale	Fe	male	Totai		
		No.	%	No.	%	No.	%	
1	<1	0	0.00	0	0.00	0	0.00	
2	1-4	0	0.00	1	2.70	1	1.45	
3	5-14	0	0.00	1	2.70	1	1.45	
4	15-24	0	0.00	1	2.70	1	1.45	
5	25-34	4	9.52	7	25.93	11	15.94	
6	35-44	11	26.19	4	13.81	15	21.74	
7	45-54	16	38.10	8	29.63	24	33.78	
8	55-64	5	11.90	1	2.70	6	8.70	
9	65-69	4	9.52	0	0.00	4	5.80	
10	70+	2	3.76	4	13.81	6	8.70	
T	OTAL	42	100	27	100	69	100	

Table 2.37: Age & Sex wise distribution of death due to 'Human Immunodeficiency Virus [HIV]

2.8.4 Dengue fever

Out of the Viral Hepatitis deaths, second highest death is due to 'Dengue fever'. Out of 36 deaths under HIV, 26 were males (72.22%). The age wise distribution of deaths due to 'Dengue fever' is shown in Table 2.38 and is presented in chart 2.32.

			SE		Total				
Sl.No	Age Group	М	ale	Fe	male	Total			
		No.	%	No.	%	No.	%		
1	<1	1	2.85	0	0.00	1	2.78		
2	1-4	0	0.00	0	0.00	0	0.00		
3	5-14	0	0.00	1	10.00	1	2.78		
4	15-24	4	15.38	0	0.00	4	11.11		
5	25-34	3	11.54	2	20.00	5	12.89		
6	35-44	3	11.54	1	10.00	4	11.11		
7	45-54	8	30.77	0	0.00	8	22.22		
8	55-64	4	15.38	3	30.00	7	19.44		
9	65-69	0	0.00	0	0.00	0	0.00		
10	70+	3	11.54	3	30.00	6	16.67		
T	OTAL	26	100	10	100	36	100		

 Table 2.38: Age & Sex wise distribution of death due to 'Dengue fever'

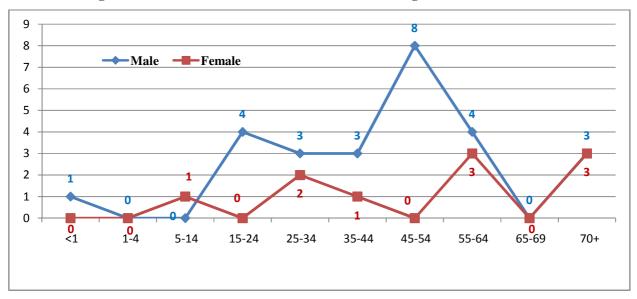


Chart 2.32: Age & Sex wise distribution of death due to 'Dengue fever'

Out of the 'Viral Hepatitis' deaths, another important cause is due to Hepatitis B. Total 16 deaths reported due to this cause. The age wise distribution of deaths due to Hepatitis B is given below. 88.00% of deaths were males. No death reported below 15 years. 80.00% of deaths reported in the age group '25-64'. This is shown in Table 2.39.

			SF	EX		Та	4.01
Sl.No	Age Group	Ν	Ale	Fe	emale	10	tal
		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	7.14	0	0.00	1	6.25
5	25-34	4	28.57	0	0.00	4	25.00
6	35-44	2	13.29	0	0.00	2	12.50
7	45-54	3	21.43	1	50.00	4	25.00
8	55-64	3	21.43	1	50.00	4	25.00
9	65-69	0	0.00	0	0.00	0	0.00
10	70+	1	7.14	0	0.00	1	6.25
11	N.S.	0	0.00	0	0.00	0	0.00
TOTAL		14	100	2	100	16	100

Table 2.39: Age & Sex wise distribution of death due to 'Hepatitis B'

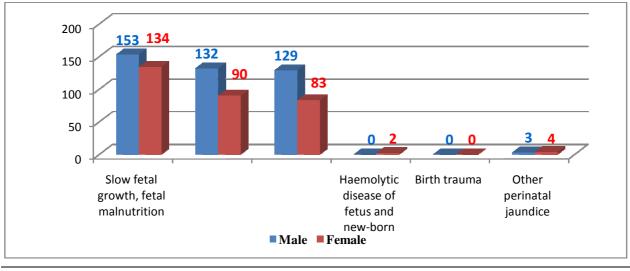
2.9 Certain Conditions Originating in the Perinatal Period (XVI): (P00-P96)

The major group of 'Certain Conditions Originating in the Perinatal Period' is the leading cause of Infant deaths, responsible for 2.36% of the total Medically Certified Deaths. This has contributed to 2.18% of male and 2.66% of female deaths of the total Medically Certified Deaths. 'Slow Foetal Growth, Foetal Malnutrition' (39.32%), 'All other conditions originating in the Perinatal period' (30.41%) and 'Hypoxia, birth asphyxia and other respiratory conditions' (29.04%) are the main cause of death occurred in the Perinatal period (below one year). 57.12% of deaths due to this cause were males.

 Table 2.40: Distribution of Major Causes of deaths among 'Certain Conditions Originating in the Perinatal Period'

			SI	EX		Total		
Sl, No	CAUSE OF DEATH	N	Iale	Fe	male	Iotai		
110		No.	%	No.	%	No.	%	
1	Slow fetal growth, fetal malnutrition	153	36.69	134	42.81	287	39.32	
2	All other conditions originating in the perinatal period	132	31.65	90	28.75	222	30.41	
3	Hypoxia, birth asphyxia and other respiratory conditions	129	30.94	83	26.52	212	29.04	
4	Haemolytic disease of fetus and new-born	0	0.00	2	0.64	2	0.27	
5	Birth trauma	0	0.00	0	0.00	0	0.00	
6	Other perinatal jaundice	3	0.72	4	1.28	7	0.96	
Deaths due to CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD as percentage to total medically certified deaths			2.18	313	2.66	730	2.36	

Chart 2.33: Distribution of major causes of deaths among 'Certain Conditions Originating in the Perinatal Period'



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2.10 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, 2839deaths (9.19%) are coming in this group in which 1645 were males and 1154 were females.

CI			SE	X		То	tal
Sl, No	CAUSE OF DEATH	Μ	lale	Fen	nale	10	
110		No.	%	No.	%	No.	%
1	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	848	3.43	386	2.28	1234	2.99
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	292	1.53	230	1.95	522	1.69
3	Diseases of the nervous system (G00-G98)	268	1.4	225	1.91	493	1.60
4	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	171	0.89	176	1.50	347	1.12
5	Diseases of the musculoskeletal system and connective tissue (M00-M99)	56	0.29	83	0.71	139	0.45
6	Diseases of the skin and subcutaneous tissue (L00-L98)	37	0.19	23	0.20	60	0.19
7	Mental and behavioural disorders (F01-F99)	10	0.05	4	0.03	14	0.05
8	Pregnancy, childbirth and the puerperium(O00-O99)			27	0.23	27	0.09
9	Diseases of the ear and mastoid process (H60- H95)	0	0	0	0	0	0
10	10 Diseases of the eye and adnexa (H00-H59)	3	0.016	0	0.00	3	0.01
	hs due to other groups as percentage to medically certified deaths	1685	8.81	1154	9.81	2839	9.19

Table 2.41: Distribution	of causes of deaths	under 'Other Groups'
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SPECIFIC CAUSE OF MORTALITY IN DIFFERENT AGE GROUPS

- 3.1 Infants
- 3.2 Children aged 1-4 year
- 3.3 Children aged 5-14 years
- 3.4 Persons aged 15-24 years
- 3.5 Persons aged 25-34 years
- 3.6 Persons aged 35-44 years
- 3.7 Persons aged 45-54 years
- 3.8 Persons aged 55-64 years
- 3.9 Persons aged 65-69 years
- **3.10** Old aged Persons (70 years and above)

Report on Medical Certification of Cause of Death 2018

Chapter III

Specific Cause of Mortality in Different Age Groups



3.1. Infants

Out of the total Medically Certified Deaths, around 4.04% are Infants (children who could not complete their first birthday). The proportions of male and female deaths to the corresponding totals of medically certified deaths are 2.71% and 3.58% respectively. Out of 1249 infant deaths, 710 were male which comes around 56.85% of total death under this category.

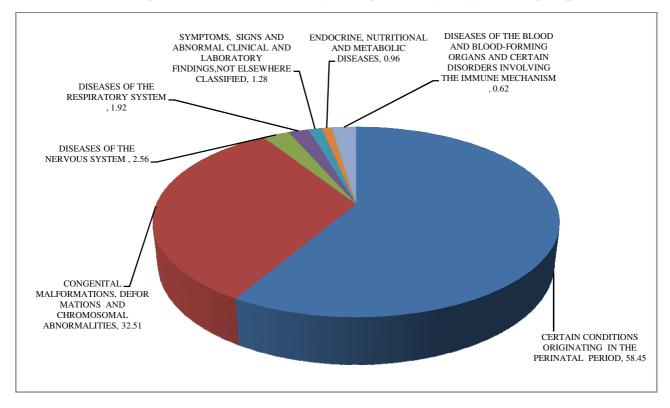
The maximum incidence of death under this age group has been reported to be caused by 'Certain conditions originating in the perinatal period' (58.45%), which includes diseases 'Slow foetal growth, foetal malnutrition and immaturity (P05-P07)' (39.32%), 'All other conditions originating in the perinatal period (ICD code P00-P04,P08,P29-P54,P56-P57,P60-P96.)' (30.41%) and 'Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)' (29.04%).

This is followed by 'Congenital Malformations, Deformations & Chromosomal Abnormalities' (32.51%) of which 'Congenital Malformations of the Circulatory System (Q20-Q28)' (48.77%) in the major constituent. The distribution of mortality among infants by major cause groups has been given in Table 3.1 and in Chart 3.1

			S	EX		T - 4 - 1	
M.G/CA T./S.C	CAUSE OF DEATH	Male		Female		T	otal
10,570			%	No.	%	No.	%
XVI.	Certain conditions originating in the perinatal period	417	58.73	313	58.07	730	58.45
XVII.	Congenital malformations, deformations and chromosomal abnormalities	224	31.55	182	32.77	406	32.51
VI.	Diseases of the nervous system	19	2.68	13	2.41	32	2.56
Х.	Diseases of the respiratory system	19	2.68	5	0.93	24	1.92
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified	9	1.27	7	1.30	16	1.28
IV.	Endocrine, nutritional and metabolic diseases	8	1.13	4	0.74	12	0.96
All other o	causes	14	1.97	15	2.78	29	2.32
	the age group <1 year as percentage to ically certified Deaths	710	2.71	539	3.58	1249	4.04

Table 3.1: Distribution of mortality among Infants by major cause group

Chart 3.1: Percentage distribution of mortality among infants by major cause group





3.2. Children aged 1-4 year:

Of the total Medically Certified Deaths, 0.61% has been reported from this age-group. It accounts for 0.51% of males and 0.76% of female deaths in their respective total medically certified deaths. Out of 187 deaths in the age group '1-4', 98 were males (52.41%).

'Congenital malformations, deformations and chromosomal abnormalities' has caused the maximum 21.39% of total deaths reported under this age-group. The second highest cause is Diseases of the nervous system' 18.18% and next is 'Neoplasm' responsible for 17.65% of deaths in this age group of which 57.58% is due to 'Leukemia'. 'Diseases of the respiratory system' representing 10.16% of which 52.63% is due to Pneumonia. 'Injury, poisoning and certain other consequences of external causes' with 7.49%, 'Certain infectious and parasitic diseases' cause 6.42% are the next higher causes of death under this age group are the other major causes.

The distribution of mortality in the age group '1-4' by major cause group has been given in Table 3.2 and Chart 3.2.

Malak	MC/CA		SE	X		Total		
M.G/CA T./S.C	CAUSE OF DEATH	N	Iale	Fe	emale	L	otai	
1./5.0		No.	%	No.	%	No.	%	
XVII.	Congenital malformations, deformations and chromosomal abnormalities	24	23.49	16	17.98	40	21.39	
VI.	Diseases of the nervous system	18	18.37	16	17.98	34	18.18	
II.	Neoplasms	15	15.31	18	20.22	33	17.65	
X.	Diseases of the respiratory system	11	11.22	8	8.99	19	10.16	
III.	Diseases of the blood and blood-forming organs and certain disorders involving	5	5.10	9	10.11	14	7.49	
	the immune mechanism (d50-d89)							
XIX.	Injury, poisoning and certain other consequences of external causes	8	8.16	6	6.74	14	7.49	
I.	Certain infectious and parasitic diseases	6	6.12	6	6.74	12	6.42	
All other causes		11	11.22	10	11.23	21	11.23	
	he age group 1-4 year as percentage to cally certified Deaths-	98	0.51	89	0.76	187	0.61	

Table 3.2: Distribution of mortality among children in the age group '1-4' by major cause group.

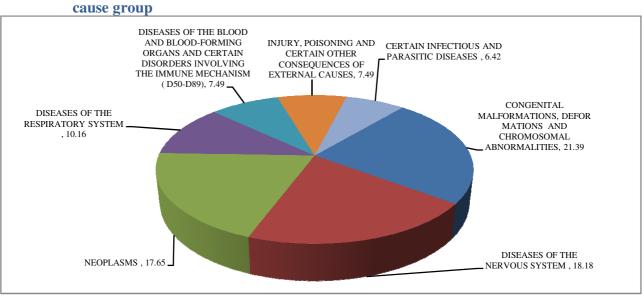


Chart 3.2: Percentage distribution of mortality among children in the age group '1-4' by major cause group



3.3. Children aged 5-14 years:

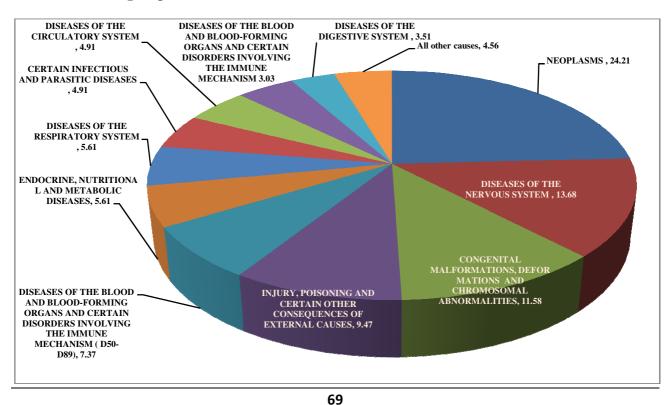
The share of this age group in the total medically certified deaths is 0.92%. It accounts for 0.77% of males and 1.17% of female deaths in their respective total medically certified deaths. Out of 285 deaths in the age group '5-14', 147 were males (51.58%).

Of the total reported deaths under this age group, 'Neoplasms' is 23.21%, is the major cause of death and 49.28% cases are due to 'Leukemia'. Followed by 'Diseases of the nervous system' (12.68%), 'Congenital Malformations, Deformations and Chromosomal Abnormalities' (11.58%), 'Injury, poisoning and certain other consequences of external causes' (9.47%), 'Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)' (7.37%), 'Diseases of Respiratory System' and 'Endocrine, nutritional and metabolic diseases' each with (5.61%)', 'Certain infectious and parasitic diseases' and 'Diseases of the circulatory system' each with 3.91%, and 'Symptoms, Signs and Abnormal Clinical and Laboratory Findings not Elsewhere Classified' (3.56%) are the other major causes groups is given in Table3.3 and Chart 3.3.

M.G/			SE	X		Total		
CAT./	CAUSE OF DEATH	N	Iale	Fe	emale		otai	
S.C		No.	%	No.	%	No.	%	
II.	Neoplasms	40	27.21	29	21.01	69	23.21	
VI.	Diseases of the nervous system	17	11.56	22	15.94	39	12.68	
XVII.	Congenital malformations, deformations and chromosomal abnormalities	20	12.61	13	9.42	33	11.58	
XIX.	Injury, poisoning and certain other consequences of external causes	18	12.24	9	6.52	27	9.47	
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (d50-d89)	11	7.48	10	7.25	21	7.37	
IV.	Endocrine, nutritional and metabolic diseases	10	6.80	6	3.35	16	5.61	
Х.	Diseases of the respiratory system	5	2.40	11	7.97	16	5.61	
I.	Certain infectious and parasitic diseases	6	4.08	8	5.80	14	3.91	
IX.	Diseases of the circulatory system	4	2.72	10	7.25	14	3.91	
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	8	5.44	5	2.62	13	3.56	
XI.	Diseases of the digestive system	3	2.04	7	5.07	10	2.51	
All othe	r causes	5	2.40	8	5.80	13	3.56	
	in the age group 5-14 year as percentage Medically certified Deaths-	147	0.77	138	1.17	285	0.92	

Table 3.3: Distribution of mortality among children in the age group '5-14' by major cause groups

Chart 3.3: Percentage distribution of mortality among children in the age group '5-14' by major cause groups





3.4. Persons aged 15-24 years:

This age-group has contributed 1.77% of the total medically certified deaths. It accounts for 1.88% of males and 1.59% of female deaths in their respective total medically certified deaths. Out of 547 deaths in the age group '15-24', 360 were males (65.81%).

The category consisting of 'Injury, Poisoning & Certain Other Consequences of External Causes', has caused the maximum 25.41% of total deaths reported under this age-group. Out of 139 deaths under the cause in the age group, 88 deaths are due to 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves' in which 81 are male and 16 deaths are due to 'Burns and Corrosions' in which 15 are female.

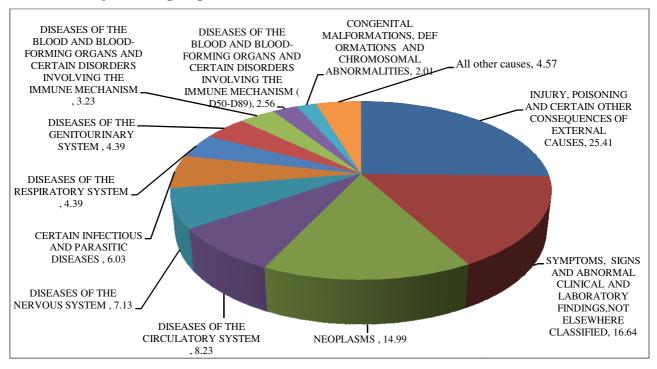
Of the total reported deaths under this age group the share of 'Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified' (16.64%) is the second major cause of death.

'Neoplasms' is 13.99% of which 45.12% is due to 'Leukaemia'. 'Diseases of the Circulatory System' (8.23%), followed by 'Diseases of the nervous system' (7.13%). 'Certain Infectious and Parasitic Diseases' (6.03%), 'Diseases of the genitourinary system' and 'Diseases of the Respiratory System' each with (3.39%) and 'Diseases of the digestive system (2.66%)' are other leading causes of deaths The distribution of mortality in the age group '15-24', by major cause groups has been shown in Table 3.4 and Chart 3.4.

M.G/			SI	EX		r	Fotal
CAT./	CAUSE OF DEATH	Μ	lale	Fe	male		Totai
S.C		No.	%	No.	%	No.	%
XIX.	Injury, poisoning and certain other consequences of external causes	101	28.06	38	20.32	139	25.41
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	68	18.89	23	12.30	91	16.64
II.	Neoplasms	54	15.00	28	13.97	82	13.99
IX.	Diseases of the circulatory system	31	8.61	14	7.49	45	8.23
VI.	Diseases of the nervous system	25	6.94	14	7.49	39	7.13
I.	Certain infectious and parasitic diseases	22	6.11	11	5.88	33	6.03
X.	Diseases of the respiratory system	15	3.17	9	3.81	24	3.39
XIV.	Diseases of the genitourinary system	13	2.61	11	5.88	24	3.39
XI.	Diseases of the digestive system	13	2.61	7	2.74	20	2.66
III.	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (d50-d89)	8	2.22	6	2.21	14	2.56
XVII.	Congenital malformations, deformations and chromosomal abnormalities	6	1.67	5	2.67	11	2.01
All othe	er causes	4	1.11	21	11.23	25	3.57
	in the age group 15-24 year as percentage Medically certified Deaths-	360	1.88	187	1.59	547	1.77

Table 3.4: Distribution of mortality among persons in the age group '15-24' by major Cause groups.

Chart 3.4: Percentage distribution of medically certified deaths in the age group '15 -24' by major cause groups





3.5. Persons aged 25-34 years:

This age group has constituted around 2.58% of total medically certified deaths. Both males and female accounts 2.58% of deaths in their respective total medically certified deaths. Out of 797 deaths in the age group '25-34', 493 were males (61.86%).

A significant percentage of deaths have been reported due to 'Injury, Poisoning & Certain Other Consequences of External Causes' (18.07%). Number of male death is more than female under this cause (69.44%). Out of 144 deaths under the cause in the age group, 75 deaths are due to 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves' in which 65 are male and 29 deaths are due to 'Burns and Corrosions' in which 19 are female.

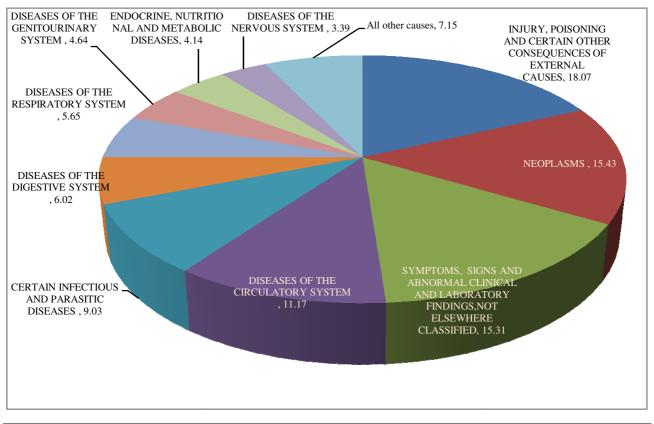
Of the total reported deaths under this age group, the share of 'Neoplasms' is 15.43%, of which 21.14% due to 'Leukaemia', 13.01% due to 'Malignant neoplasms of digestive organs' and 6.50% due to 'Malignant neoplasm of breast'.

The next leading cause in the age group are 'Symptoms Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified' (15.31%) and 'Diseases of the Circulatory System' (11.17%). The other major determinants of deaths are 'Certain Infectious and Parasitic Diseases' (9.03%), and 'Diseases of the digestive system' (6.02%). The distribution of mortality in the age group '25-34', by major cause groups has been depicted in Table 3.5 and Chart 3.5.

M.G/			SI	EX		Total	
CAT./	CAUSE OF DEATH	N	Iale	Female		1	otai
S.C		No.	%	No.	%	No.	%
XIX.	Injury, poisoning and certain other consequences of external causes	100	20.28	44	13.47	144	18.07
II.	Neoplasms	62	12.58	61	20.07	123	15.43
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified	79	16.02	43	13.14	122	15.31
IX.	Diseases of the circulatory system	60	12.17	29	9.54	89	11.17
I.	Certain infectious and parasitic diseases	37	7.51	35	11.51	72	9.03
XI.	Diseases of the digestive system	41	8.32	7	2.30	48	6.02
Х.	Diseases of the respiratory system	27	5.48	18	5.92	45	5.65
XIV.	Diseases of the genitourinary system	26	5.27	11	2.62	37	3.64
IV.	Endocrine, nutritional and metabolic diseases	21	3.26	12	2.95	33	3.14
VI.	Diseases of the nervous system	17	2.45	10	2.29	27	2.39
All othe	er causes	23	3.67	34	11.18	57	7.15
	in the age group 25-34 year as percentage to edically certified Deaths-	493	2.58	304	2.58	797	2.58

 Table 3.5: Distribution of mortality among persons in the age group '25-34' by major cause groups

Chart 3.5: Percentage distribution of medically certified deaths in the age group '25-34' by major cause groups



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3.6. Persons aged 35-44 years:

The overall contribution of this age-group in total medically certified deaths is 5.36%. It accounts for 5.54% of males and 5.07% of female deaths in their respective total medically certified deaths. Out of 1655 deaths in the age group '35-44', 1059 were males (62.99%).

A significant percentage of deaths have been reported due to 'Neoplasm' (20.36%) of which 15.43% is due to 'Leukaemia', 15.73% is due to 'Malignant neoplasms of digestive organs' and 'Malignant neoplasm of breast', 10.39% is due to 'Malignant neoplasms of respiratory and intrathoracic organs'.

The second leading cause in the age group is 'Diseases of the Circulatory System' (16.80%) of which number of male death is more than female death (69.06%).

'Diseases of Digestive System' (12.15%) of which number of male death is almost seven times more than female death (88.06%).Under the age group there are 201 deaths due 'Diseases of Digestive System', in which 160 deaths are due to 'Diseases of the liver (79.60%)'. 9.67% of death under the age group is due to 'Diseases of the liver'. Same cause is 12.60% of the total male deaths in the age group.

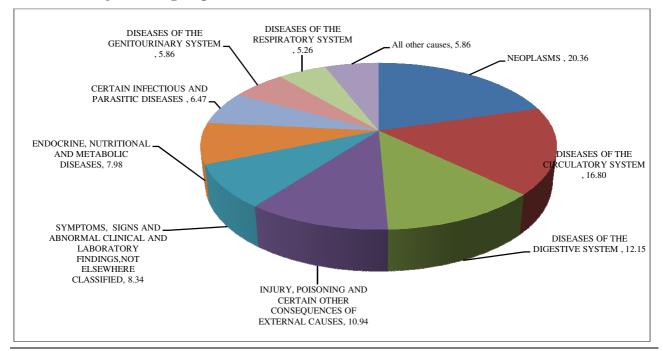
The next leading cause in the age group have been reported due to 'Injury, Poisoning & Certain Other Consequences of External Causes' (10.94%). Number of male death is more than female under this cause (76.24%). Out of 181 deaths under the cause in the age group, 118 deaths are due to 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves' in which 104 are male and 31deaths are due to 'Burns and Corrosions' in which 18 are female.

'Symptoms Signs and Abnormal Clinical and Laboratory Findings, not Elsewhere Classified' (8.34%), 'Endocrine, nutritional and metabolic diseases' (7.98%) of which 87.88% due to 'Diabetes mellitus' and 'Certain Infectious and Parasitic Diseases' (6.47%) are other leading cause groups of deaths under this age-group. The distribution of mortality in the age group '35-44', by major cause groups has been presented in Table 3.6 and Chart 3.6.

			SE	EX		Total	
M.G/ CAT./	CAUSE OF DEATH	Μ	ale	Fen	nale	10	otal
S.C		No.	%	No.	%	No.	%
II.	Neoplasms	148	12.98	189	31.71	337	20.36
IX.	Diseases of the circulatory system	192	18.13	86	13.43	278	16.80
XI.	Diseases of the digestive system	177	16.71	24	4.03	201	12.15
XIX.	Injury, poisoning and certain other consequences of external causes	138	13.03	43	7.21	181	10.94
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	100	9.44	38	6.38	138	8.34
IV.	Endocrine, nutritional and metabolic diseases	69	6.52	63	10.57	132	7.98
I.	Certain infectious and parasitic diseases	77	7.27	30	5.03	107	6.47
XIV.	Diseases of the genitourinary system	63	5.95	34	5.70	97	5.86
X.	Diseases of the respiratory system	49	3.63	38	6.38	87	5.26
All othe	r causes	46	3.34	51	8.56	97	5.86
	in the age group 35-44 year as percentage Medically certified Deaths-	1059	5.54	596	5.07	1655	5.36

 Table 3.6: Distribution of mortality among persons in the age group '35-44' by major cause groups

Chart 3.6: Percentage distribution of medically certified deaths in the age group '35-44' by major cause group



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3.7. Persons aged 45-54 years:

This age group has contributed to 12.78% of the total medically certified deaths. It accounts for 12.26% of males and 11.99% of female deaths in their respective total medically certified deaths. Out of 3947 deaths in the age group '45-54', 2536 were males (63.25%).

The prominent causes of mortality in this age group are 'Neoplasm' (22.19%) of which number of *female* death is more than male death (50.91'%). [The cause behind for having more female death is 'Malignant neoplasm of breast'. 13.73% of total neoplasm deaths under the age group is due to 'Malignant neoplasm of breast' which is 28.92% of the total female neoplasm death of the same age group.

Under 'Neoplasm', 23.66% is due to 'Malignant neoplasms of digestive organs', 16.44% is due to 'Malignant neoplasms of respiratory and intrathoracic organs'. Under 'Malignant neoplasms of digestive organs', 33.53% male deaths is due to 'Malignant neoplasm of liver' among males.

The second leading cause in the age group is 'Diseases of Circulatory System' (21.71%) of which 66.16% were males. 'Endocrine, nutritional and metabolic diseases' (12.67%),' is the third leading cause of death in which 92.40% is due to 'Diabetes mellitus'.

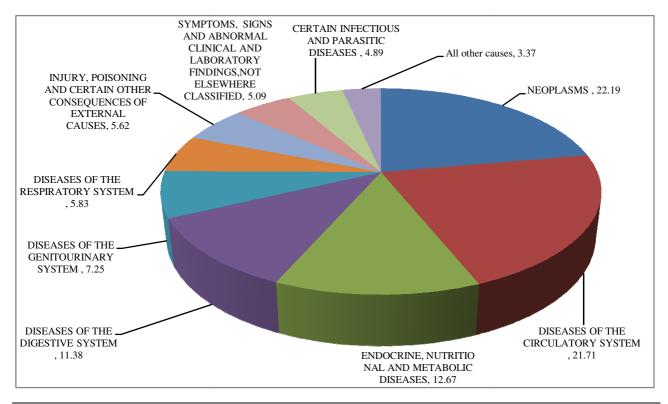
In the age group 11.38% death us due to 'Diseases of the Digestive System', of which 89.31% were males. Under 'Diseases of the Digestive System', 86.41% is due to 'Diseases of the liver'. Male deaths due to 'Diseases of the liver' are around nine times more than that of female. 'Diseases of the liver' in male is 13.34% of total male deaths under the age group.

'Diseases of the Genitourinary System' (7.25%), 'Diseases of the Respiratory System' (5.83%), 'Injury, Poisoning & Certain other consequences of External Causes' (5.62%) and 'Certain, Infectious and Parasitic Diseases' (3.89%) are other leading cause groups of deaths under this agegroup. The distribution of mortality in the age group '45-54', by major cause groups has been presented in Table 3.7.

M.G/			S	EX		т	otal
CAT./	CAUSE OF DEATH	Male		Female		10	otai
S.C		No.	%	No.	%	No.	%
II.	Neoplasms	430	16.96	446	31.61	876	22.19
IX.	Diseases of the circulatory system	567	22.36	290	20.55	857	21.71
IV.	Endocrine, nutritional and metabolic diseases	302	11.91	198	14.03	500	12.67
XI.	Diseases of the digestive system	401	15.81	48	2.40	449	11.38
XIV.	Diseases of the genitourinary system	180	7.10	106	7.51	286	7.25
Х.	Diseases of the respiratory system	145	5.72	85	6.02	230	5.83
XIX.	Injury, poisoning and certain other consequences of external causes	163	6.43	59	3.18	222	5.62
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified	139	5.48	62	3.39	201	5.09
I.	Certain infectious and parasitic diseases	132	5.21	61	3.32	193	3.89
All othe	r causes	77	3.04	56	2.97	133	2.37
	in the age group 35-44 year as percentage Medically certified Deaths-	2536	12.26	1411	12.00	3947	12.78

 Table 3.7: Distribution of mortality among persons in the age group '45-54' by major cause groups

Chart 3.7: Percentage distribution of medically certified deaths in the age group '45-54' by major cause group.



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3.8. Persons aged 55-64 years:

This age group has contributed to 21.05% of the total medically certified deaths. It accounts for 22.78% of males and 18.25% of female deaths in their respective total medically certified deaths. Out of 6504 deaths in the age group '55-64', 4359 were males (66.99%).

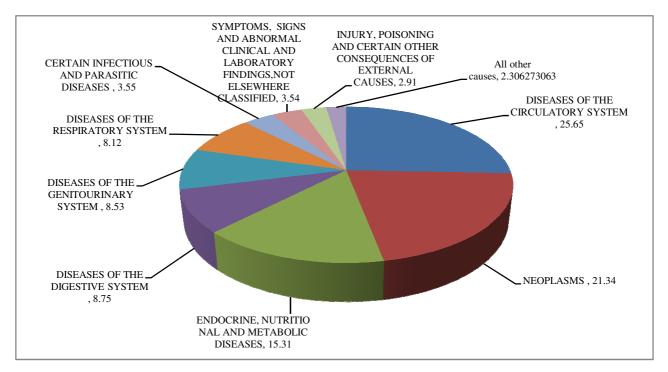
The prominent causes of mortality in this age group are 'Diseases of Circulatory System' (25.65%) of which 65.11% were males. The second leading cause in the age group is 'Neoplasm' 21.34%) of which number of male death is more than female death (62.82%). Under 'Neoplasm', the major cause is 'Malignant neoplasms of digestive organs' (29.18%) 'Malignant neoplasms of respiratory and intrathoracic organs' (20.39%), and 'Malignant neoplasm of breast' (8.36%) which is 22.48% of the total female neoplasm death of the same age group.

'Endocrine, nutritional and metabolic diseases' (15.31%) is the third higher cause in which 95.58% due to 'Diabetes mellitus'. 'Diseases of the Digestive System' is (8.75%) in which 81.20% is male. Under 'Diseases of the Digestive System' 85.24% is due to 'Diseases of the liver'. 'Diseases of the Respiratory System' (8.12%) is the leading cause of death in the age group of which 72.38% were males. 'Diseases of the Genitourinary system' (8.53%), 'Certain Infectious and Parasitic Diseases' (2.55%), 'Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified' (2.54%) and 'Injury, Poisoning & Certain other consequences of External Causes' (2.91%) are other leading cause groups of deaths under this age-group. The distribution of mortality in the age group '55-64', by major cause groups has been presented in Table 3.8 and Chart 3.8.

	groups						
M.G/			SI	EX		т	otal
CAT./	CAUSE OF DEATH	Ν	lale	Fe	male	10	otai
S.C		No.	%	No.	%	No.	%
IX.	Diseases of the circulatory system	1086	23.91	582	27.13	1668	25.65
II.	Neoplasms	872	20.00	516	24.06	1388	21.34
IV.	Endocrine, nutritional and metabolic diseases	594	12.63	402	18.74	996	15.31
XI.	Diseases of the digestive system	462	10.60	107	3.99	569	8.75
XIV.	Diseases of the genitourinary system	381	8.74	174	8.11	555	8.53
X.	Diseases of the respiratory system	382	8.76	146	6.81	528	8.12
I.	Certain infectious and parasitic diseases	167	2.83	64	2.98	231	2.55
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	174	2.99	56	2.61	230	2.54
XIX.	Injury, poisoning and certain other consequences of external causes	153	2.51	36	1.68	189	2.91
All othe	r causes	88	2.01	62	2.89	150	2.31
	in the age group 55-64 year as percentage to edically certified Deaths-	4359	22.79	2145	18.24	6504	21.05

 Table 3.8: Distribution of mortality among persons in the age group '55-64' by major cause groups

Chart 3.8: Percentage distribution of mortality among persons in the age group '55-64' by major cause groups





3.9. Persons aged 65-69 years:

This age group contributes 13.29% in the total medically certified deaths. It accounts for 13.90% of males and 12.29% of female deaths in their respective total medically certified deaths. Out of 4415 deaths in the age group'65-69', 2851 were males (63.58%).

'Diseases of the Circulatory System' have contributed to the maximum number (28.22%) of total deaths in this age-group. In the 'Circulatory System deaths', 'Ischaemic Heart Diseases' have taken the highest toll contributing around 42.05% followed by 'Cerebrovascular diseases' (32.31%).

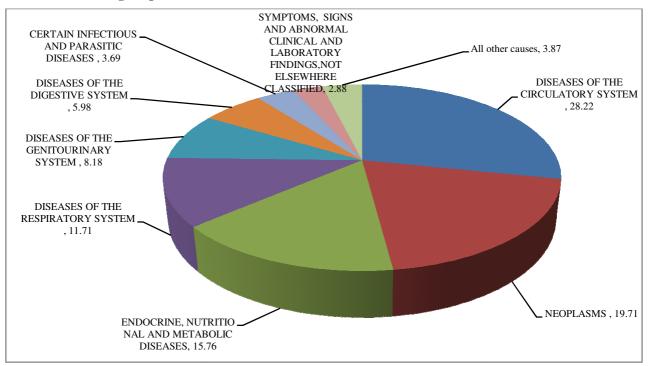
The second leading cause in the age group is 'Neoplasm' (19.71%) of which number of male death is more than female death (66.32%). Under Neoplasm, maximum death is due to 'Malignant neoplasms of digestive organs' (28.39%), followed by 'Malignant neoplasms of respiratory.

Around 93.11% of the deaths under the cause group 'Endocrine, Nutritional and Metabolic Diseases', is due to 'Diabetes Mellitus'. The cause group 'Diseases of the respiratory system' is responsible for 11.71% of the total deaths. The distribution of mortality in the age group '65-69' by major cause group has been highlighted in the Table 3.9 and Chart 3.9.

M.G/			SE	X		Total	
CAT./	CAUSE OF DEATH	Male		Female		10	otal
S.C		No.	%	No.	%	No.	%
IX.	Diseases of the circulatory system	771	27.04	475	30.37	1246	28.22
II.	Neoplasms	577	20.24	293	18.73	870	19.71
IV.	Endocrine, nutritional and metabolic diseases	404	13.17	292	18.67	696	15.76
X.	Diseases of the respiratory system	365	12.80	152	9.72	517	11.71
XIV.	Diseases of the genitourinary system	228	8.00	133	8.50	361	8.18
XI.	Diseases of the digestive system	202	7.09	62	2.96	264	5.98
I.	Certain infectious and parasitic diseases	116	4.07	47	3.01	163	2.69
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	82	2.88	45	2.88	127	2.88
All othe	r causes	106	2.72	65	3.16	171	2.87
	in the age group 65-69 year as percentage Medically certified Deaths-	2851	13.90	1564	12.30	4415	13.29

 Table 3.9: Distribution of mortality among persons in the age group '65-69'by major cause groups

Chart 3.9: Percentage distribution of mortality among persons in the age group '65-69'by major cause groups



Report on Medical Certification of Cause of Death 2018



3.10. Aged (70 years and above):

36.46% of total medically certified deaths are from the age group of 70 years and above. It accounts for 32.90% of males and 40.63% of female deaths in their respective total medically certified deaths. Out of 11265 deaths in 70 and above age group, 6485 were males (57.57%).

In this age group 'Diseases of the Circulatory System' alone contribute 39.37% of deaths. Ischemic Heart Diseases constitute maximum number 45.68%) of 'Circulatory system deaths' followed by 'Cerebrovascular diseases' (31.52%).

With the share of 13.52%, 'Endocrine, Nutritional and Metabolic Disease' is the second leading cause group of death in this age group. 'Diabetes Mellitus' is alone cause for about 87.90% deaths under this age group. The share of Neoplasm deaths in this age group is 11.26%. The percentage of male death rate is 67.11%.

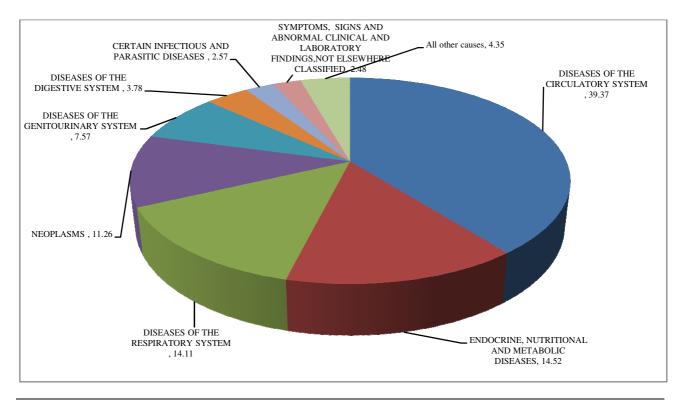
'Diseases of Respiratory System' is the third leading cause of death with 13.11% of total deaths under this age group. 'Other Lower Respiratory Disorders', 'All other Diseases of the Respiratory System' and 'Pneumonia' constituents of Diseases of Respiratory system are 73.268%, 12.71% and 8.43% respectively.

The distribution of mortality in the age group 70 years and above, by major cause group has been presented in Table 3.10 and Chart 3.10.

M.G/			SI	EX		Total	
CAT./	CAUSE OF DEATH	Μ	lale	Female		10	tai
S.C		No.	%	No.	%	No.	%
IX.	Diseases of the circulatory system	2421	37.33	2014	42.13	4435	39.37
IV.	Endocrine, nutritional and metabolic diseases	856	12.20	780	16.32	1636	13.52
X.	Diseases of the respiratory system	1014	15.64	575	12.03	1589	13.11
II.	Neoplasms	851	12.12	417	8.72	1268	11.26
XIV.	Diseases of the genitourinary system	502	7.74	351	7.34	853	7.57
XI.	Diseases of the digestive system	241	2.72	185	2.87	426	2.78
I.	Certain infectious and parasitic diseases	182	2.81	107	2.24	289	2.57
XVIII.	Symptoms, signs and abnormal clinical and laboratory findings,not elsewhere classified	179	2.76	100	2.09	279	2.48
All othe	r causes	239	2.69	251	5.25	490	3.35
	in the age group 65-69 year as percentage Medically certified Deaths-	6485	32.90	4780	40.64	11265	36.46

Table 3.10: Distribution of mortality among old aged persons '70 or above years' by major cause groups

Chart 3.10: Percentage distribution of mortality among old aged persons '70 or above years' by major cause groups



Report on Medical Certification of Cause of Death 2018

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Appendices

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

APPENDIX – I

LIST OF HOSPITALS REPORTING MCCD

Thiruvananthapuram (44 Nos.)

Sl No	Name of Hospital	Govt/Pvt
1	CHC Fort Hospital, Trivandrum	Govt
2	ESI Hospital, Peroorkada	Govt
3	Govt. Dist.Model Hospital ,Peroorkada	Govt
4	Govt. Mental Healthcare, Oolampara	Govt
5	General Hospital, Trivandrum	Govt
6	Govt. MCH ,Trivandrum	Govt
7	Govt. W&C Hospital, Thycaud	Govt
8	Regional Cancer Centre, Trivandrum	Govt
9	Sanitorium for Chest diseases, Pulayanarcotta	Govt
10	SAT Hospital, Trivandrum	Govt
11	Sree ChithiraThirunal Institute of Medical Science& Technology	Govt
12	AJ Hospital, Kazhakkoottam	Pvt
13	Al Areef Hospital ,Ambalathara	Pvt
14	Anadiyil Hospital, Thekkummoody	Pvt
15	Ananthapuri Hospital&Research Centre, Chakka	Pvt
16	Arumana Hospital,	Pvt
17	Attukal Devi Institute of medical Sciences Ltd, Attukal	Pvt
18	BNV Hospital, Thiruvallam.	Pvt
19	Beema Mahim SUT, Beemapally	Pvt
20	Cosmopolitan Hospital ,Murinjapalam	Pvt
21	Credence Hospital, Ulloor	Pvt
22	CSI Mission Hospital ,Kazhakkoottam	Pvt
23	Dr.Govindans Hospital, GH Junction	Pvt
24	Geethanjali Hospital, Vazhuthacaud	Pvt
25	Gowreesha Hospital, Gowreeshapattam	Pvt
26	Holy Cross Hospital, Sangumugham	Pvt
27	Jubilee Memorial Hospital, Palayam	Pvt
28	KJK Hospital ,Nalanchira	Pvt
29	KIMS Hospital, Anayara.	Pvt
30	Lords Hospital, Anayaara	Pvt
31	Meditrena Hospital, Plamoodu	Pvt
32	PRS Hospital, Killipalam	Pvt
33	Samad Hospital, Pattoor	Pvt
34	Santhwana Hospital, Ambalamukku	Pvt
35	SK Hospital, Edapazhinji	Pvt
36	SP Fort Hospital, Fort	Pvt
37	Sree RamakrishnaAshramam Hospital, Shasthamangalam	Pvt
38	St.Anns Nursing Home Pallimukku	Pvt

Sl No	Name of Hospital	Govt/Pvt
39	SUT Hospital, Pattom	Pvt
40	SUT Royal Hospital, Pongummoodu	Pvt
41	SUT Royal Mother&Baby Hospital	Pvt
42	The India Hospital, Melethampanoor	Pvt
43	TSC Hospital, Veli	Pvt
44	Valsala Nursing Home, Bakery	Pvt

Kollam (17 Nos.)

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

Alappuzha (8 Nos.)

SINo	Name of Hospital	Govt/Pvt		
1	T.D.Medical College Hospital	Govt		
2	2 General Hospital Gov			
3	Women&Children HospitalGovt			
4	ESI Hospital Govt			
5	District Ayurveda Hospital			
6	Panchakarma Hospital Govt			
7	District Homoeo Hospital Govt			
8	Sahrudaya Hospital	Pvt		

Ernakulam (40 Nos.)

SI No	Name of Hospital	Govt/Pvt
1	General Hospital, Ernakulam	Govt
2	Lisie Hospital,Ernakulam	Pvt
3	Lourde Hospital, Ernakulam	Pvt
4	Lakshmi Hospital,Ernakulam	Pvt
5	M.A.J Hospital, Edappilly	Pvt
6	Amritha Institute of Medical Science and Research Centre	Pvt
7	Medical Trust Hospital	Pvt
8	Ernakulam Medical Centre	Pvt
9	P.V.S Memorial Hospital	Pvt
10	Cochin Hospital	Pvt
11	Krishna Hospital	Pvt
12	Akshaya Hospital	Pvt
13	Sree Sudheendra Medical Mission	Pvt
14	Dr.Joy's Hospital for Women and Children	Pvt
15	E S I Hospital	Pvt
16	Welcare Hospital	Pvt
17	Specialist Hospital	Pvt
18	Dr.Kunjalu's Nursing Home	Pvt
19	City Hospital Pvt. Ltd	Pvt
20	P N V M Hospital	Pvt
21	I N H S Sanjeevani	Pvt
22	Cochin Port Trust Hospital	Pvt
23	Indira Gandhi Co-operative Hospital	Pvt
24	Govt. Women and Children	Govt
25	Govt. Hospital Fort Cochin	Govt
26	Govt. Maharaja's Hospital	Govt
27	Gautham Hospital	Pvt
28	Lakshmi Hospital Fort Cochin	Pvt
29	Sangeeth Nursing Home	Pvt
30	Jishy Hospital	Pvt
31	Jacob's Hospital	Pvt
32	Westside Hospital	Pvt
33	Chandrassery Hospital	Pvt
34	Holy Cross Hospice	Pvt
35	Anne Marry Joachim Hospital	Pvt
36	Our Lady Hospital	Pvt
37	Fathima Hospital	Pvt
38	Sunrise Hospital	Pvt
39	Polakkulath Narayanan Renai Medicity	Pvt
40	V.G.Saraf Memorial Hospital	Pvt

Kozhikode (41 Nos)

SINo	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.Vidhya Prakash's Homoeo clinic	Pvt
9	Dr.Ismail Sait Medical centre for Homoeopathic Research and Hospital	Pvt
10	Fathima Hospital	Pvt
11	Govt. Homoeo Hospital	Govt
12	Govt. Leprosy Hospital Kozhikode	Govt
13	Govt. Women&Children Hospital	Govt
14	Govt. Ayurvedic Hospital	Govt
15	Govt. General Hospital	Govt
16	Govt. Homoeo Medical College Hospital	Govt
17	Govt. Mental Hospital	Govt
18	Institute of Chest Diseases	Govt
19	Institute of Maternal and Child Health Medical College	Govt
20	Iquraa International Hospital and Research Centre	Pvt
21	Koyas Hospital	Pvt
22	Malabar Diabetic Foundation	Pvt
23	Malabar Eye Hospital&Research Centre Pvt Ltd	Pvt
24	Malabar Hospital& Urology Centre	Pvt
25	Malabar Institute of Medical Science Ltd	Pvt
26	Manohar Hospital	Pvt
27	Medical College Hospital	Pvt
28	Super Speciality Block	Pvt
29	National Hospital	Pvt
30	Nirmala Hospital	Pvt
31	PVS Hospital Pvt Ltd	Pvt
32	Pain &Palliative Care Society	Pvt
33	Rajendra Nursing Home	Pvt
34	Ramanatha Nursing Home	Pvt
35	R.M Hospital	Pvt
36	Santhi Hospital	Pvt
37	Shiba Surgery & Urology Centre	Pvt
38	TPs Hospital	Pvt
39	Vathiad Medical Centre	Pvt
40	Vijaya Hospital	Pvt
41	Viveka Hospital	Pvt

TOTAL MCCD HOSPITAL IN KERALA-150

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 of Statistical		
Sex	Age of Death :	Age of Death :					
1.Male	If one year or	If less than	If less than	If less than one			
2.Female	more, age in	one year, age	one month age	day, age in hours			
2.1 emaie	years	in month	in days				
	CAUSE	OF DEATH					
	CHUCE						
				Interval between onset and death			
Ι	(8	ı)		approx.			
Immediate caus	e Due	to(or as a conseque	ences of)				
State the disease	e, injury or complic	ation					
Which caused d	eath, not the mode	of dying					
such as heart fai	ilure, asthenia, etc.						
Antecedent caus	se (b)						
	Due	to (or as a consequ	ences of)				
Morbid condit	ions, if any,						
Giving rise to t	he above cause						
Stating under ly	ying conditions last						
(c)							
п							
Other significant conditions							
contributing to the death							
but not related t	o the disease or						
Condition causi	ng it						

Manner of Death

How did the injury occur?1. Natural 2. Accident 3.Suicide 4.Homicide5.Pending investigation.

If deceased was a female, was the pregnancy the death associated with ?	1.Yes 2.No
If yes, was there a delivery? 1. Yes 2.No.	

Name and signature of the Medical attendant certifying the cause of death Date of verification.....

(To be deta	ched and handed over to the relativ	ve of the deceased)
Certified that Sri/Smt/Kum	S/W/	D of
SriI	R/O	was admitted to
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)

I	hereby	certify	that	the	dece	ased	Sri/Smt/Kum		son/	wife/da	aughter	of
•••			1	reside	ent	of		was	under	my	treatme	ent
fr	om		to		ar	nd he/	she died on	at	Al	M/PM.		

NAME OF DECEASED						of			
Sex	Age of Death	Age of Death							
1 Mole	16	If leas they	If the second second	If have they	Office				
1.Male	If one year or more, age in	If less than one year, age	If less than one month age	If less than one day, age					
2.Female	years	in month	in days	in hours					
	-								
	CAUSE O	F DEATH		Interval					
Ι	(a)			between onset and					
Immediate cause	e Due to (or as a consequen	ces of)	death approx.					
State the disease	e, injury or compli	cation							
Which caused do	eath, not the mode	e of dying							
such as heart fai	lure, asthenia, etc								
Antecedent caus	se (b)								
Due to (or as a c	consequences of)								
Morbid conditio	ns, if any,								
Giving rise to th	e above cause,								
Stating under ly	ing conditions las	t							
	(c)								
II									
Other significan	Other significant conditions								
Contributing to the death									
But not related to the disease or									
Condition causing	ng it								

Name and signature of the Medical attendant certifying the cause of death

Date of verification.....

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

	Certified	that	Sri/Smt/Kum	1		S/	W/D	of
Sri			R/O				was	under
my	treatment	from	t	0	and	he/she	expired	l on
		AM/P	M.					

Doctor.....

(Medical Superintendent& Name of Hospital)

MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES

- The classification of diseases may be defined as a system of categories to which morbid entities are assigned according to established criteria. The Tenth Revision of International Classification of Diseases (ICD-10)is a single coded list of threecharacter categories, each of which can be further divided into upto ten fourcharacter 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 fromA00.0 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-10has 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)

<u>The descriptions for all Major Groups of the</u> <u>National list based on ICD-10 are as under</u>

Major Cause Groups	Description and ICD codes
Ι	Certain Infectious and parasitic diseases (A00-B99)
Π	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)
Х	Diseases of the respiratory system (J00-J98)
XI	Diseases of the digestive system (K00-K92)
XII	Diseases of the skin and subcutaneous tissue (L00-L98)
XIII	Diseases of the musculoskeletal system and connective tissue (M00-M99)
XIV	Diseases of the genitourinary system (N00-N99)
XV	Pregnancy, childbirth and the puerperium (O00-O99)
XVI	Certain conditions originating in the perinatal period (P00-P96)
XVII	Congenital malformation, deformation and chromosomal abnormalities (Q00-Q99)
XVIII	Symptoms, signs and abnormal clinical and laboratory findings, n.e.c. (R00-R99)
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)
XX	External causes of morbidity and mortality (V01-Y89)
XXI*	Factors influencing health status and contact with health services (Z00-Z99)

* Not in use in India.

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

Major Group CAUSE OF DEATH ICD-10 CODE No.	ΣS
I. CERTAIN INFECTIOUS AND PARASITIC DISEAS	ES A00-B99
1 Intestinal infectious diseases	A00-A09
1 Cholera	A00
2 Typhoid fever and paratyphoid fevers	A01
3 Food poisoning	A02, A05
4 Shigellosis	A03
5 Amoebiasis	A06
6 Diarrhoea and gastroenteritis of presumed infectious origin	A09
7 Other intestinal infectious diseases	A04, A07-A08
2 Tuberculosis	A15-A19
1 Respiratory tuberculosis	A15-A16
2 Tuberculosis of nervous system	A17
3 Tuberculosis of other organs & miliary tuberculosis	A18-A19
3 Other bacterial diseases	A20-A49
1 Plague	A20
2 Leprosy	A30
3 Neonatal tetanus	A33
4 Other tetanus	A34-A35
5 Diphtheria	A36
6 Whooping cough	A37
7 Meningococcal infection	A39
8 Septicaemia	A40-A41
9 All other types of bacterial diseases	A21-A28, A31-A32, A38, A42-A49
4 Infections with a predominantly sexual mode oftransmission	A50-A64
1 Syphilis	A50-A53
2 Other types of infections with a predominantly sexual mode of transmission	A54-A64
5 Viral diseases	A70-A74 & A80-B34
1 Acute poliomyelitis	A80

2 Rabies	A82
3 Japanese encephalitis	A83
4 Other viral encephalitis	A82.1-A82.9, A84-A86
5 Dengue fever	A90
6 Other arthropod-borne viral fevers and viral	
haemorrhagic fevers	A91-A94, A96-A99
7 Smallpox	B03
8 Measles	B05
9 Acute Hepatitis	B16
10 Other viral hepatitis	B15, B17-B19
11 Human immunodeficiency virus [HIV] disease	B20-B24
12 All other types of viral diseases	A70-A74, A81, A87-A89, A95,
12 rai oulei types of vital diseases	B00-B02, B04, B06-B09 & B25-B346
6 Protozoal diseases	B50-B64
1 Malaria	B50-B54
2 All other types of protozoal diseases	B55-B64
7 Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseasesA65-A69 & A75-A79, B	
1 Filariasis	B74
2 Other helminthiasis	B65-B73, B75, B77-B83
3 Other spirochaetal diseases and Rickettsioses	A65-A69 & A75-A79
4 All other infectious & parasitic diseases and late	
effects of infectious & parasitic diseases	B35-B49, B76, B85-B99
II. NEOPLASMS	C00-D48
8 Malignant neoplasms of lip, oral cavity and pharynx 9 Malignant neoplasms of digestive organs	C00-C14 C15-C26
1 Malignant neoplasm of oesophagus	C15
2 Malignant neoplasm of stomach	C16
3 Malignant neoplasm of small intestine including	
Duodenum	C17
4 Malignant neoplasm of colon	C18
5 Malignant neoplasm of recto sigmoid junction,	
rectum, anus and anal canal	C19-C21
6 Malignant neoplasm of liver and intrahepatic bile ducts	C22
7 Malignant neoplasm of pancreas	C25
8 Other malignant neoplasms of digestive organs	C23-C24, C26
10 Malignant neoplasms of respiratory and intrathoracic	
Organs	C30-C39
1 Malignant neoplasm of larynx	C32
2 Malignant neoplasm of trachea, bronchus and lung	C33-C34
3 Other malignant neoplasm of respiratory and	055 051
intrathoracic organs	C30-C31, C37-C39

tissue,skin and breast C40-C50 1 Malignant neoplasm of bone and articular cartilage C40-C41 2 Malignant meoplasms of skin C43 3 Other malignant neoplasms of skin C44 4 Malignant neoplasms of mesothelial and soft tissue C45-C49 5 Malignant neoplasms of breast C50 12 Malignant neoplasm of breast C53 1 Malignant neoplasm of other and unspecified parts of Uterus C54-C55 3 Malignant neoplasm of ovary C56 4 Malignant neoplasm of ovary C56 4 Malignant neoplasm of placenta C58 5 Other malignant neoplasms of female genital organs C51-C52, C57 6 Malignant neoplasms of placenta C58 7 Other malignant neoplasms of male genital organs C60, C62-C63 8 Malignant neoplasms of mostae C67 9 Other malignant neoplasms of urinary tract C64-C66, C68 13 Malignant neoplasms of other and unspecified sites C70-C72 1 Malignant neoplasms of other and unspecified sites C70-C72 1 Malignant neoplasms of other and unspecified sites C70-C72 1 Malignant neoplasms of other and unspecified sites C70-C72 1 Malignant neoplasms of other and unspecified sites </th <th>11 Malignant neoplasms of bone, mesothelial and soft</th> <th></th>	11 Malignant neoplasms of bone, mesothelial and soft	
2 Malignant melanoma of skinC433 Other malignant neoplasms of skinC444 Malignant neoplasms of mesothelial and soft tissueC45-C495 Malignant neoplasm of breastC5012 Malignant neoplasm of breastC51-C681 Malignant neoplasm of cervix uteriC532 Malignant neoplasm of other and unspecified parts of UterusC54-C553 Malignant neoplasm of ovaryC564 Malignant neoplasm of placentaC585 Other malignant neoplasms of female genital organsC61-C52, C576 Malignant neoplasms of female genital organsC60, C62-C638 Malignant neoplasms of furinary tractC64-C66, C6813 Malignant neoplasms of eye, brain and other parts of central nervous systemC691 Malignant neoplasms of other and unspecified sitesC70-C721 Malignant neoplasms of other and unspecified sitesC73-C80 & C9715 Malignant neoplasms of lymphoid, haematopoietic and related tissueC81-C961 Malignant neoplasms of other and unspecified sitesC70-C721 Malignant neoplasms of other and unspecified sitesC70-C721 Malignant neoplasms of lymphoid, haematopoietic and 	tissue,skin and breast	C40-C50
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16 Carcinoma in situD00-D09	16 Carcinoma in situ	D00-D09
17 Benign neoplasms D10-D36	17 Benign neoplasms	D10-D36
1 Leiomyoma of uterus D25	1 Leiomvoma of uterus	D25
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VALUE COMPTONIC CLONE AND ADMODMAL CLIN	Q30-Q34 & Q38-Q99
XVIII. SYMPTOMS, SIGNS AND ABNORMAL CLIN 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 R55
6 Syncope and collapse 7 Convulsions, not elsewhere classified	R55 R56
8 Shock, not elsewhere classified	R50 R57
o bhock, not else where classified	
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
	SA2 S12 S22 S22 S42 S52 S72
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, S63, S73, S83, S93, T03
	505, 575, 305, 575, 105
50 Intracranial and internal injuries, including nerves	S04, S06, S14, S24, S26-S27,
	\$34,\$36-\$37, \$44, \$54, \$64,
51 Crushing injunion and traumatic array dations of an eliteral	S74, S84 &S94
51 Crushing injuries and traumatic amputations of specified	

and multiple body regions	S07-S08, S17-S18, S28,
	S38, S47-S48, S57-S58,
	S67-S68,S77-S78, S87-S88,
	S97-S98,T04-T05
52 Other injuries of specified, unspecified and multiple boo	-
regions	\$00-\$01, \$05, \$09-\$11,\$15-\$16, \$19-\$21, \$25, 520, 521, \$25, \$20, \$41
	S29-S31, S35,S39-S41,
	S45-S46, S49-S51,S55-S56, S59-S61, S65-S66,S69-S71,
	, , , ,
	S75-S76, S79-S81,S85-S86,
	S89-S91, S95-S96, S99, T00-T01, T06-T07, T09,
	T11,T13-T14
	111,113-114
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 non-medicinal as to source	T36-T50 & T51-T65
56 Other and unspecified effects of external causes and certain early complications of trauma	T33-T35, T66-T79
57 Complications of Surgical and Medical care, not	
elsewhere classified	T80-T88
58 Late effects of injuries, of poisoning and of other consequences of external causes	Т90-Т98
XX. EXTERNAL CAUSES OF MORBIDITY AND N	MORTALITY V01-Y89
E48 Transport accidents	V01-V99
1 Pailway agaidants	V05 V15 V20 6 V21 V22 2
1 Railway accidents	V05, V15, V80.6, V81, V82.2,
	V87.6& V88.6
2 Motor vehicle traffic accidents	V02-V04, V09.2-V09.3, V12- V14,
	V19.4-V19.6, V19.9, V20-V28,
	V29.4-V29.6, V29.9, V30-V38,
	V39.4-V39.6, V39.9, V40-V48,
	V49.4-V49.6, V49.9, V50-V58,
	V59.4-V59.6, V59.9, V60-V68,
	V69.4-V69.6, V69.9, V70-V78,
	V79.4- V79.6, V79.9, V80.3- V80.5,
	V82.1, V87.0-V87.5, V87.7-87.9,
	V89.2-V89.3
3 Other road vehicle accidents	V01, V06, V09.9, V10-V11,
	V16-V18, V19.8, V29.8, V39.8,
	V49.8, V59.8, V69.8, V79.8,
	V80.0-V80.2, V80.7-V80.9,
	V82.3-V82.7, V82.9 & V89.1
4 Water transport accidents	V90-V94
5 Air & Space transport accidents	V95-V97

6 All other transport accidents	V09.0-V09.1, V19.0-V19.3,
	V29.0-V29.3, V39.0-V39.3,
	V49.0-V49.3, V59.0-V59.3,
	V69.0-V69.3, V79.0-V79.3
	V82.0,V82.8, V83-V86,
	V88.0-V88.5,V88.7-V88.9,
	V89.0, V89.9, V98-V99
E49 Accidental Falls	W00-W19
E50 Accidental drowning and submersion	W65-W74
E51 Exposure to smoke, fire and flames	X00-X09
E52 Accidental poisoning by and exposure to noxious	
substances	X40-X49
E53 Intentional self-harm (Suicide- attempted)	X60-X84
E54 Assault (Homicide)	X85-Y09
E55 Other Violence	Y10-Y36
1 Event of undetermined intent	Y10-Y34
2 Legal intervention	Y35
3 Operations of war	Y36
E56 Complications of medical and surgical care	Y40-Y84
1 Drugs, medicaments and biological substances causing	
adverse effects in therapeutic use	Y40-Y59
2 Misadventures during surgical & medical care, adverse	
incidents in diagnostic and therapeutic use, abnormal	
reactions and late complications	Y60-Y69, Y70-Y82 & Y83-Y84
E57 Other external causes of accidental injury, not elsewhere	
Classified	W20-W64, W75-W99, X10-X39, X50-X59
1 Accidents caused by machinery, and by cutting &	
piercing instruments	W24-W31
2 Accidents caused by firearm missile	W32-W34
3 Bites of snakes & other venomous animals 4 Sun stroke	X20-X27 X32
5 All other accidents including late effects	×32 W20-W23, W35-W64, W75-W99,
5 7 m other accidents meruding fate effects	X10-X19, X28-X31, X33-X39 &X50-X59
E58 Late effects of external causes of morbidity and mortality	Y85-Y89

TABLE : CENTRE WISE CAUSE OF DEATH UNDER MAJOR CAUSE GROUP

M.G /CAT. /S.C	CAUSE OF DEATH	SEX	Thruva na nthapur am	Kollam	Kochi	Kozhik ode	Alappu zha	Total
1	2	3	4	5	6	7	8	9
		М	210	40	86	351	66	753
I.	I. Certain infectious and parasitic diseases (A00-B99)	F	97	18	44	181	32	372
		Т	307	58	130	532	98	1125
		М	789	132	906	941	289	3057
II.	Neoplasms (C00-D48)	F	680	80	515	534	196	2005
		Т	1469	212	1421	1475	485	5062
	Diseases of the blood and blood-	М	43	4	59	43	22	171
III.	forming organs and certain disorders	F	35	7	56	55	23	176
	(D50-D89)	Т	78	11	115	98	45	347
		М	781	22	172	1217	79	2271
IV.	Endocrine, nutritional and metabolic diseases (E00-E89)	F	725	25	122	804	89	1765
	metabolic diseases (E00-E89)	Т	1506	47	294	2021	168	4036
		М	4	0	0	6	0	10
V.	V. Mental and behavioural disorders (F01-F99)	F	0	0	0	4	0	4
	(F01-F99)	Т	4	0	0	10	0	14
		М	87	5	36	129	11	268
VI.	VI. Diseases of the nervous system (G00-F98)	F	60	8	22	118	17	225
		Т	147	13	58	247	28	493
	Diseases of the eye and adnexa (H00-H59)	М	2	0	0	1	0	3
VII.		F	0	0	0	0	0	0
	(1100-1139)	Т	2	0	0	1	0	3
		М	0	0	0	0	0	0
VIII.	Diseases of the ear and mastoid process (H60-H95)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
		М	1245	461	913	1845	671	5135
IX.	Diseases of the circulatory system (100-199)	F	865	279	612	1255	491	3502
		Т	2110	740	1525	3100	1162	8637
	D : C : i	М	476	194	326	726	319	2041
Х.	Diseases of the respiratory system (J00-J98)	F	271	112	155	380	131	1049
		Т	747	306	481	1106	450	3090
		М	356	90	485	469	144	1544
XI.	Diseases of the digestive system (K00-K92)	F	94	19	137	150	50	450
	(100 102)	Т	450	109	622	619	194	1994
		М	18	4	0	15	0	37
XII.	Diseases of the skin and	F	12	1	0	10	0	23
	subcutaneous tissue (L00-L98)	Т	30	5	0	25	0	60

	Diseases of the musculoskeletal	М	28	5	1	20	2	56
XIII.	system and connective tissue	F	41	1	7	32	2	83
	(M00-M99)	Т	69	6	8	52	4	139
XIV. Diseases of the genitourinary	Μ	176	114	652	273	185	1400	
	Diseases of the genitourinary syste (N00-N99)	F	104	66	340	187	130	827
	Sysic (1100-1199)	Т	280	180	992	460	315	2227
VU	XV. Pregnancy, childbirth and the puerperium (000-099)	F	4	1	0	21	1	27
Λ Ϋ.	puerperium (O00-O99)	Т	4	1	0	21	1	27
	XVI. Certain conditions originating in the perinatal period (P00-P96)	М	131	3	55	205	23	417
XVI.		F	106	3	37	149	18	313
		Т	237	6	92	354	41	730
	Congenital malformations,	Μ	78	0	42	168	4	292
XVII	XVII congenital mailformations, deformations and chromosomal abnormalities (Q00-Q99)	F	69	0	37	123	1	230
-		Т	147	0	79	291	5	522
	3	Μ	498	9	127	54	160	848
XVII I.		F	178	14	94	40	60	386
	(R00-R99)	Т	676	23	221	94	220	1234
	Injury, poisoning and certain	Μ	131	0	163	505	29	828
XIX.	other consequences of external	F	48	1	56	214	7	326
	causes (S00-T98)	Т	179	1	219	719	36	1154
		Μ	129	0	164	505	37	835
XX.	External causes of morbidity and mortality (V01-Y89)	F	50	1	55	214	10	330
		Т	179	1	219	719	47	1165
		М	5053	1083	4023	6968	2004	19131
ALL CAUSES (MAJOR GROUP (I to XIX)		F	3389	635	2234	4257	1248	11763
		Т	8442	1718	6257	11225	3252	30894
		М	5182	1083	4187	7473	2041	19966
	CAUSES (MAJOR GROUP	F	3439	636	2289	4471	1258	12093
(I to X		Т	8621	1719	6476	11944	3299	32059

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

M.G/		X	Centres					
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
<i>I</i> .	CERTAIN INFECTIOUS	М	210	40	86	351	66	753
1.	AND PARASITIC	F	97	18	44	181	32	372
	DISEASES (A00-B99)	Т	307	58	130	532	98	1125
1	Intestinal infactious diseases	Μ	7	0	0	15	0	22
	Intestinal infectious diseases (A00-A09)	F	7	1	0	15	0	23
		Т	14	1	0	30	0	45
1		М	0	0	0	0	0	0
	Cholera (A00)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
2	2 Typhoid fever and paratyphoid fevers (A01)	Μ	0	0	0	0	0	0
2		F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
3		М	0	0	0	0	0	0
5	Food poisoning (A02, A05)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
4		М	0	0	0	0	0	0
4	Shigellosis (A03)	F	0	0	0	1	0	1
		Т	0	0	0	1	0	1
5		М	0	0	0	0	0	0
5	Amoebiasis (A06)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
(Diarrhoea and gastroenteritis of	М	7	0	0	15	0	22
6	presumed infectious origin	F	7	1	0	14	0	22
	(A09)	Т	14	1	0	29	0	44
7		М	0	0	0	0	0	0
7	Other intestinal infectious	F	0	0	0	0	0	0
	diseases (A04, A07-A08)	Т	0	0	0	0	0	0
2		М	43	9	17	67	20	156
	Tuberculosis (A15-A19)	F	18	3	8	41	5	75
		Т	61	12	25	108	25	231
1	1 Respiratory tuberculosis	Μ	36	9	17	51	19	132
-	(A15-A16)	F	14	2	7	26	5	54
		Т	50	11	24	77	24	186
2	Tuberculosis of nervous system	M	4	0	0	6	1	
-	(A17)	F	1	1	0	4	0	6
		Т	5	1	0	10	1	17

M.G/		X			Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
3	Tubereulosis of other encours for	М	3	0	0	10	0	13
5	Tuberculosis of other organs & miliary tuberculosis (A18-A19)	F	3	0	1	11	0	1
		Т	6	0	1	21	0	28
3	Other besterial disasses (A20	М	72	27	63	99	42	303
U	Other bacterial diseases (A20- A49)	F	39	14	33	58	25	16
		Т	111	41	96	157	67	472
1	Plague (A20)	Μ	0	0	0	0	0	
		F	0	0	0	0	0	
		Т	0	0	0	0	0	
2		Μ	0	0	0	0	0	
	Leprosy (A30)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
3		Μ	0	0	0	0	0	
	Neonatal tetanus (A33)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
4		M	2	0	0	1	0	
	Other tetanus (A34-A35)	F	0	0	0	0	0	
		Т	2	0	0	1	0	
5	5 Diphtheria (A36)	M	0	0	0	1	0	
		F	0	0	0	0	0	
		Т	0	0	0	1	0	
6		Μ	0	0	0	0	0	
	Whooping cough (A37)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
7		M	0	0	0	0	0	
	Meningococcal infection (A39)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
8		M	53	25	48	40	23	18
	Septicaemia (A40-A41)	F	37	14	29	30	17	12
		T	90	39	77	70	40	31
9	All other types of bacterial	M	17	2	15	57	19	11
	diseases (A21-A28, A31-A32, A38, A42-A49)	F	2	0	4	28	8	4
		T	19	2	19	85	27	15
4	Infections with a	M	1	0	0	0	0	
	predominantly sexual mode of transmission (A50-A64)	F	0	0	0	0	0	
		T	1	0	0	0	0	
1		M	1	0	0	0	0	
	Syphilis (A50-A53)	F	0	0	0	0	0	
		Т	1	0	0	0	0	
2	Other types of infections with a	Μ	0	0	0	0	0	
L	predominantly sexual mode of	F	0	0	0	0	0	
	transmission (A54-A64)	Т	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
	- Vival diseases	М	39	4	5	76	3	127
5	Viral diseases (A70-A74 & A80-B34)	F	21	0	3	38	0	62
		Т	60	4	8	114	3	189
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)	M F	2	0	0	1	0	<u>3</u> 0
		Г	2	0	0	1	0	3
2		M	0	0	0	0	0	0
3	3 Japanese encephalitis (A83.0)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
4	Other viral encephalitis	М	5	0	2	8	0	15
·	(A83.1-A83.9, A84-A86)	F	1	0	1	6	0	8
		Т	6	0	3	14	0	23
5	5 Dengue fever (A90)	M	4	2	1	19	0	26
		F T	2 6	0	2 3	6 25	0 0	<u>10</u> 36
	Other arthropod-borne viral	M	2	0	<u> </u>	<u>25</u> 5	0	<u> </u>
6	fevers and viral haemorrhagic	F	2	0	0	4	0	6
	fevers (A91-A94, A96-A99)	Т	4	0	1	9	0	14
7		М	0	0	0	0	0	0
1	Smallpox (B03)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
8		M	0	0	0	0	0	0
	Measles (B05)	F	1 1	0	0	0	0	1
		T M	9	0 1	0 0	0 4	0 0	<u>1</u> 14
9	Acute Hepatitis B (B16)	F	2	0	0	0	0	2
	1 (- 7	T	11	1	0	4	0	16
10	Other viral hereitic	М	5	0	0	2	0	7
10	Other viral hepatitis (B15, B17-B19)	F	1	0	0	1	0	2
		Т	6	0	0	3	0	9
11	Human immunodeficiency virus	М	9	0	1	29	3	42
	[HIV] disease (B20-B24)	F	10	0	0	17	0	27
		Т	19	0	1	46	3	69
12	All other types of viral diseases	М	3	1	0	8	0	12
	(A70-A74, A81, A87-A89, A95, B00-B02, B04, B06-B09 & B24)	F	2	0	0	4	0	6
	B25-B34)	Т	5	1	0	12	0	18

M.G/		X		(Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
6		М	0	0	0	0	0	0
Ũ	Protozoal diseases (B50-B64)	F	0	0	0	1	1	2
		Т	0	0	0	1	1	2
1		М	0	0	0	0	0	0
-	Malaria (B50-B54)	F	0	0	0	1	0	1
		Т	0	0	0	1	0	1
2	All other types of protozoal	М	0	0	0	0	0	0
-	diseases (B55-B64)	F	0	0	0	0	1	1
		Т	0	0	0	0	1	1
7	Other certain infectious & parasitic diseases and late	М	48	0	1	94	1	144
	effects of infectious &	F	12	0	0	28	1	41
	parasitic diseases (A65-A69 & A75-A79, B35-B49, B65-B99)	Т	60	0	1	122	2	185
		M	1	0	0	0	0	100
1	Filariasis (B74)	F	0	0	0	0	0	0
		T	1	0	0	0	0	1
		M	1	0	0	0	0	1
2	Other helminthiasis	F	0	0	0	0	0	0
	(B65-B73, B75, B77-B83)	T	1	0	0	0	0	1
	Other spirochaetal diseases and	M	0	0	0	0	0	0
3	Rickettsioses	F	1	0	0	1	0	2
	(A65-A69 & A75-A79)	T	1	0	0	1	0	2
	All other infectious & parasitic	M	46	0	1	94	1	142
4	diseases and late effects of	F	11	0	0	27	1	39
	infectious & parasitic diseases							
	(B35-B49, B76, B85-B99)	T	57	0	1	121	2	181
	NEODIACMS (COO DAD)	M	789	132	906	941	289	3057
II.	NEOPLASMS (C00-D48)	F	680	80	515	534	196	2005
		T	1469	212	1421	1475	485	5062
8	Malignant neoplasms of lip,	M	57	13	84	68	23	245
	oral cavity and pharynx (C00- C14)	F	15	3	15	18	8	<u>59</u>
		T	57	16	99	86	31	304
1	Malignant neoplasms of lip, oral	M	57	13	84	68	23	245
	cavity and pharynx (C00-C14)	F	15	3	15	18	8	<u>59</u>
		T	102	16	99	86	31	304
9	Malignant neoplasms of	M	193	39	321	292	80	925
	digestive organs (C15-C26)	F	102	17	116	141	34	410
		T	295	56	437	433	114	1335
1	Malignant neoplasm of	M	22	6	39	33	14	114
	oesophagus (C15)	F	10	3	6	15	4	38
		T	32	9	45	48	18	152
2	Malignant neoplasm of stomach	M F	28 12	5	43 15	72 37	10 9	<u>158</u> 78
	(C16)	г Т	40		58		-	
		1	40	10	58	109	19	236

M.G/		X			Centres			T 4 T
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	М	0	0	2	2	0	
3	intestine including duodenum	F	0	0	4	1	0	
	(C17)	Т	0	0	6	3	0	
4		М	13	4	33	22	10	82
7	Malignant neoplasm of colon (C18)	F	22	3	24	26	4	7
	(010)	Т	35	7	57	48	14	16
5	Malignant neoplasm of	М	32	4	23	30	8	9
5	rectosigmoid junction, rectum,	F	20	0	9	19	6	5
	anus and anal canal (C19-C21)	Т	52	4	32	49	14	15
6	Malignant peoplesm of liver and	Μ	69	14	153	92	33	36
0	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	F	18	4	29	18	6	7
		Т	87	18	182	110	39	43
7	Malignant peoplesm of peneroes	Μ	20	6	16	26	5	7
,	Malignant neoplasm of pancreas (C25)	F	13	1	16	12	3	4
	()	Т	33	7	32	38	8	11
8	Other malignant neoplasms of	М	9	0	12	15	0	3
0	digestive organs	F	7	1	13	13	2	3
	(C23-C24, C26)	Т	16	1	25	28	2	7
10	Malignant neoplasms of	М	160	40	214	249	104	76
10	respiratory and intrathoracic	F	42	8	39	49	16	15
	organs (C30-C39)	Т	202	48	253	298	120	92
1	Malignant neoplasm of larynx	М	17	4	24	19	13	7
	(C32)	F	0	1	1	0	0	
		Т	17	5	25	19	13	7
2	Malignant neoplasm of trachea,	М	142	35	189	228	90	68
	bronchus and lung (C33-C34)	F	42	7	36	48	16	14
		Т	184	42	225	276	106	83
3	Other malignant neoplasm of	М	1	1	1	2	1	
-	respiratory and intrathoracic	F	0	0	2	1	0	
	organs (C30-C31, C37-C39)	Т	1	1	3	3	1	
11	Malignant neoplasms of bone,	М	13	2	16	13	6	5
11	mesothelial and soft tissue,	F	136	20	134	101	65	45
	skin and breast (C40-C50)	Т	149	22	150	114	71	50
1		М	1	0	3	2	2	
1	Malignant neoplasm of bone and articular cartilage (C40-C41)	F	6	1	5	1	1	1
	articulai cartilage (C40-C41)	Т	7	1	8	3	3	2
2		М	1	0	0	0	2	
2	Malignant melanoma of skin (C43)	F	3	0	2	1	0	
		Т	4	0	2	1	2	
3		М	0	0	1	1	1	
3	Other malignant neoplasms of $skin(C44)$	F	0	0	0	0	0	
	skin (C44)	Т	0	0	1	1	1	

M.G/		X		(Centres			Τ-4-1
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	М	11	0	12	9	1	33
4	mesothelial and soft tissue	F	7	1	3	10	4	25
	(C45-C49)	Т	18	1	15	19	5	58
5	Malignant neoplasm of breast	Μ	0	2	0	1	0	3
U	(C50)	F	120	18	124	89	60	411
		Т	120	20	124	90	60	414
12	Malignant neoplasms of	М	33	17	96	92	25	263
	genitourinary organs	F	80	16	93	75	33	297
	(C51-C68)	Т	113	33	189	167	58	56
1	Malignant neoplasm of cervix	F	16	7	20	33	7	83
	uteri (C53)	Т	16	7	20	33	7	83
2	Malignant neoplasm of other	F	13	0	19	10	6	48
2	and unspecified parts of uterus (C54-C55)	Т	13	0	19	10	6	48
2	Malignant neoplasm of ovary	F	48	6	43	24	17	138
3	(C56)	T T	48	6	43 43	24	17	130
	Malignant neoplasm of placenta	F	40	0	4 3	0	0	150
4	(C58)	T	0	0	0	0	0	(
	Other malignant neoplasms of	F	0	0	1	0	1	,
5	female genital organs	Г	0	0	1	0	1	
	(C51-C52, C57)	Т	0	0	1	0	1	
6	Malignant neoplasm of prostate	М	21	11	38	51	12	133
	(C61)	Т	21	11	38	51	12	13.
-	Other malignant neoplasms of	М	2	1	4	2	0	9
7	male genital organs (C60, C62-C63)	Т	2	1	4	2	0	
		M	7	4	29	31	6	7
8	Malignant neoplasm of bladder	F	2	0	5	5	2	14
	(C67)	T	9	4	34	36	8	9
		M	3	1	25	8	7	4
9	Other malignant neoplasms of	F	1	3	5	3	0	12
	urinary tract (C64-C66, C68)	г Т	4	<u> </u>	30	11	7	5
	Malignant neoplasms of eye,	M	16	4	10	14	3	5
13	brain and other parts of	F	9	1	6	14	1	2
	central nervous system							
	(C69-C72)	T	25	8	16	25	4	78
1	Malignant neoplasm of eye &	M	0	1	1	0	0	-
	adnexa (C69)	F	0	0	0	0	0	(
	Maliananta 1 C	Т	0	1	1	0	0	,
2	Malignant neoplasm of meninges, brain and other parts	M	16	6	9	14	3	48
4	of central nervious system	F	9	1	6	11	1	28
	(C70-C72)	Т	25	7	15	25	4	7
14	Malignant neoplasms of other	М	94	1	51	49	6	20
14	and unspecified sites	F	127	4	37	43	8	219
	(C73-C80 & C97)	Т	221	5	88	92	14	420

M.G/		X		(Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
	Malignant neoplasm of other,	Μ	94	1	51	49	6	201
1	ill-defined, secondary, unspecified and multiple sites	F	127	4	37	43	8	219
	(C73-C80 & C97)	Т	221	5	88	92	14	420
15	Malignant neoplasms of	М	217	10	97	143	30	497
13	lymphoid, haematopoietic and	F	159	9	63	78	30	339
	related tissue (C81-C96)	Т	376	19	160	221	60	836
1		Μ	11	2	5	1	0	19
-	Hodgkin's disease (C81)	F	4	1	2	0	0	7
		Т	15	3	7	1	0	26
2	Non-Hodgkin's lymphoma	Μ	58	1	43	43	12	157
	(C82-C85)	F	36	2	24	20	7	89
		Т	94	3	67	63	19	246
3	Multiple myeloma and	M	31	4	17	32	11	95
	malignant plasma cell neoplasms (C90)	F	26	2	9	16	14	67
	neoplasms (C90)	Т	57	6	26	48	25	162
4		Μ	114	3	31	65	7	220
	Leukaemia (C91-C95)	F	91	3	28	39	9	170
		Т	205	6	59	104	16	390
5	Other malignant neoplasms of	M	3	0	1	2	0	6
	lymphoid, haematopoietic and related tissue (C88 & C96)	F	2	1	0	3	0	6
		T	5	1	1	5	0	12
16	Carcinoma in situ	M	0	0	0	2	0	2
	(D00-D09)	F	0	0	1	1	0	2
		T	0	0	1	3	0	4
1	Carcinoma in situ	M F	0	0	0	2	0	2
	(D00-D09)	г Т	0	0	1	1	0	<u>2</u> 4
		M	3	0 2	<u>1</u> 9	3 10	0 8	
17	Benign neoplasms	F	6	1	9 7	10	<u> </u>	<u>32</u> 29
	(D10-D36)	T	<u> </u>	3	16	24	<u> </u>	<u> </u>
	Leiomyoma of uterus	F	9 0	0	0	0	0	0
1	(D25)	T	0	0	0	0	0	0
		I M	3	2	9	10	8	32
2	All other benign neoplasms	F	6	1	7	10	<u> </u>	<u> </u>
	(D10-D24 & D26-D36)	T	9	3	16	24	9	<u> </u>
	Other and unspecified	М	3	1	8	9	4	25
18	neoplasm (D37-D48)	F	4	1	4	3	0	12
		Т	7	2	12	12	4	37
1		Μ	3	1	8	9	4	25
1	Other and unspecified neoplasm (D37-D48)	F	4	1	4	3	0	12
		Т	7	2	12	12	4	37

M.G/		X			Centres		-	
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Tota
1	2	3	4	5	6	7	8	9
<i>III</i> .	DISEASES OF THE BLOOD AND BLOOD- FORMING ORGANS AND	М	43	4	59	43	22	17
	CERTAIN DISORDERS INVOLVING THE	F	35	7	56	55	23	17
	IMMUNE MECHANISM (D50-D89)	Т	78	11	115	98	45	34
	Diseases of the blood and	М	43	4	59	43	22	17
19	blood-forming organs and certain disorders involving the	F	35	7	56	55	23	17
	immune mechanism (D50-D89)	Т	78	11	115	98	45	34
1	Thalassaemia	М	0	1	0	0	0	
	(D56)	F	0	1	0	1	0	
		Т	0	2	0	1	0	
2	Other anaemias	М	17	3	38	24	11	9
	(D50-D55, D57-D64)	F	16	6	43	36	20	12
		Т	33	9	81	60	31	21
3	All other diseases of blood and	М	25	0	20	15	9	(
	blood-forming organs	F	19	0	12	14	3	4
	(D65-D76)	Т	44	0	32	29	12	11
4	Certain disorders involving the	М	1	0	1	4	2	
	immune mechanism (D80-D89)	F	0	0	1	4	0	
		Т	1	0	2	8	2	1
V.	ENDOCRINE, NUTRITIONAL AND	М	781	22	172	1217	79	227
	METABOLIC DISEASES	F	725	25	122	804	89	176
	(E00-E89)	Т	1506	47	294	2021	168	403
20		М	3	0	0	5	0	
	Malnutrition (E40-E46)	F	1	0	0	4	0	
		Т	4	0	0	9	0]
1	Kwashiorkor	M	0	0	0	0	0	
	(E40)	F T	0 0	0	0	<u>1</u> 1	0	
		M	0	0	0	0	0	
2	Nutritional marasmus	F	0	0	0	1	0	
	(E41)	г Т	0	0	0	<u> </u>	0	
		M	3	0	0	5	0	
3	Other protein-energy	F	<u> </u>	0	0	2	0	
	malnutrition (E42-E46)	г Т	4			2 7	0	1
	Endopping other prototicity	M	4 778	0 22	0 172	1212	0 79	<u>1</u> 226
21	Endocrine, other nutritional and metabolic diseases	F	773	25	172	800	89	170
	(E00-E34 & E50-E89)	T T	1502	47	294	2012	168	402
		M	1302	4 7	0	0	100	702
1	Disorders of thyroid gland	F	0	0	0	8	0	
*	(E00-E07)	Т	0	0	0	8	1	

M.G/		X			T ()			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2		М	754	18	92	1187	28	2079
2	Diabetes mellitus (E10-E14)	F	709	19	64	774	19	1585
		Т	1463	37	156	1961	47	3664
3	All other nutritional deficiencies	Μ	1	0	0	1	1	
2	(E50-E64)	F	1	0	0	1	0	
		Т	2	0	0	2	1	
4	All other endocrine and	М	23	4	80	24	49	18
·	metabolic diseases	F	14	6	58	17	70	16
	(E15-E34 & E65-E89)	Т	37	10	138	41	119	34
<i>V</i> .	MENTAL AND	М	4	0	0	6	0	1
	BEHAVIOURAL	F	0	0	0	4	0	4
	DISORDERS (F01-F99)	Т	4	0	0	10	0	14
22	Mental and behavioural	М	4	0	0	6	0	1
	disorders (F01-F99)	F	0	0	0	4	0	
		Т	4	0	0	10	0	14
1	Mental and behavioural	М	3	0	0	3	0	
1	disorders due to psychoactive	F	0	0	0	1	0	
	substance use (F10-F19)	Т	3	0	0	4	0	
2	Schizophysnic schizotymal &	М	0	0	0	2	0	
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	F	0	0	0	1	0	
		Т	0	0	0	3	0	, ,
3	All other mental and	М	1	0	0	1	0	,
5	behavioural disorders	F	0	0	0	2	0	
	(F01-F09, F30-F99)	Т	1	0	0	3	0	-
VI.	DISEASES OF THE	М	87	5	36	129	11	26
	NERVOUS SYSTEM	F	60	8	22	118	17	22
	(G00-G98)	Т	147	13	58	247	28	49
23	Inflammatory diseases of the	М	19	0	7	27	4	5
40	central nervous system	F	18	2	4	19	8	5
	(G00-G09)	Т	37	2	11	46	12	10
1		М	7	0	4	13	2	2
1	Meningitis (G00 & G03)	F	7	2	0	11	3	2
		Т	14	2	4	24	5	4
2	Encenhalitic muslitic and	М	12	0	3	12	2	2
2	Encephalitis, myelitis and encephalomyelitis (G04)	F	9	0	4	7	5	2
		Т	21	0	7	19	7	5
3	Other inflammatory diseases of	М	0	0	0	2	0	
5	the central nervous system	F	2	0	0	1	0	
	(G06, G08-G09)	Т	2	0	0	3	0	
		М	68	5	29	102	7	21
24	Other diseases of the nervous system (G10-G98)	F	42	6	18	99	9	17
24	5,500 (010 070)							

M.G/		X			Centres			T ()
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
1	Al-haiman'a diasaas	М	1	0	0	2	0	4
1	Alzheimer's disease (G30)	F	1	1	0	2	0	
		Т	2	1	0	4	0	
2	Enilonov	М	10	1	0	4	0	1
-	Epilepsy (G40-G41)	F	5	0	0	14	0	19
		Т	15	1	0	18	0	3
3	All other diseases of the nervous	М	57	4	29	96	7	19
J	system (G10-G25, G31, G35-	F	36	5	18	83	9	15
	G37, G43-G98)	Т	93	9	47	179	16	34
VII.	DISEASES OF THE EYE	М	2	0	0	1	0	
	AND ADNEXA (H00-H59)	F	0	0	0	0	0	
		Т	2	0	0	1	0	
25	Disease of the eye and adnexa	М	2	0	0	1	0	
	(H00-H59)	F	0	0	0	0	0	
		Т	2	0	0	1	0	
1	Disease of the eye and adnexa	М	2	0	0	1	0	
	(H00-H59)	F	0	0	0	0	0	
		Т	2	0	0	1	0	
VIII.	DISEASES OF THE EAR	М	0	0	0	0	0	
	AND MASTOID PROCESS	F	0	0	0	0	0	
	(H60-H95)	Т	0	0	0	0	0	
26	Diseases of the ear and	М	0	0	0	0	0	
	mastoid process (H60-H93)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
1	Diseases of the ear and mastoid	М	0	0	0	0	0	
	process (H60-H93)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
IX.	DISEASES OF THE	М	1245	461	913	1845	671	513
	CIRCULATORY SYSTEM	F	865	279	612	1255	491	350
	(<i>100-199</i>)	Т	2110	740	1525	3100	1162	863
27	Acute rheumatic fever and	М	17	5	2	15	0	3
	chronic rheumatic heart	F	24	4	2	49	0	7
	diseases (I00-I09)	Т	41	9	4	64	0	11
1	Acute rheumatic fever	М	0	0	0	0	0	
	(IO0-IO2)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
2	Chronic rheumatic heart	М	17	5	2	15	0	3
	diseases (I05-I09)	F	24	4	2	49	0	7
		Т	41	9	4	64	0	11
28	Hypertensive diseases	М	138	15	23	344	7	52
_0	(I10-I15)	F	161	13	23	255	10	46
	· ·/	Т	299	28	46	599	17	98

M.G/		X		(Centres			T.4.
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Tota
1	2	3	4	5	6	7	8	9
1	Humantanaina haant diasaas	М	120	3	0	274	0	39
1	Hypertensive heart disease (I11)	F	145	1	0	216	0	36
	(111)	Т	265	4	0	490	0	75
2	All other hypertensive diseases	Μ	18	12	23	70	7	13
-	(I10, I12-I15)	F	16	12	23	39	10	10
	(,,	Т	34	24	46	109	17	23
29	Ischaemic heart diseases	Μ	474	254	533	663	333	225
	(I20-I25)	F	221	129	328	365	228	127
		Т	695	383	861	1028	561	352
1	Acute myocardial infarction	Μ	90	105	96	50	52	39
	(I21-I22)	F	51	75	73	39	35	27
		Т	141	180	169	89	87	66
2	All other ischaemic heart	М	384	149	437	613	281	186
-	diseases (I20 & I23-I25)	F	170	54	255	326	193	99
		Т	554	203	692	939	474	286
30	Diseases of pulmonary	М	116	69	100	110	93	48
•••	circulation and other forms of	F	97	46	82	75	80	38
	heart disease (I26-I51)	Т	213	115	182	185	173	86
1	Pulmonary heart disease and	М	6	5	1	10	9	3
1	diseases of pulmonary	F	11	8	6	16	3	4
	circulation (I26-I28)	Т	17	13	7	26	12	7
2	Other forms of heart diseases	М	110	64	99	100	84	45
2	(I30-I51)	F	86	38	76	59	77	33
		Т	196	102	175	159	161	79
31	Conshuered and diagona	М	459	113	223	658	223	167
51	Cerebrovascular diseases (I60-I69)	F	336	87	162	493	171	124
		Т	795	200	385	1151	394	292
1	Cerebrovascular diseases	М	459	113	223	658	223	167
1	(I60-I69)	F	336	87	162	493	171	124
		Т	795	200	385	1151	394	292
32	Other diseases of the	М	41	5	32	55	15	14
52	Other diseases of the circulatory system (I70-I99)	F	26	0	15	18	2	(
		Т	67	5	47	73	17	20
1	Atherosclerosis	М	0	0	0	0	0	
*	(I70)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
2	Arterial embolism and	М	1	0	1	1	2	
-	thrombosis (I74)	F	0	0	2	1	0	
		Т	1	0	3	2	2	
	Other diseases of arteries,	М	33	3	22	43	9	11
3	arterioles & capillaries	F	20	0	5	15	2	4
	(I71-I73 & I77-I78)	Т	53	3	27	58	11	15

M.G/		X			Centres			T ()
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
4	Phlebitis, thrombophlebitis,	М	4	2	4	7	0	17
	venous embolism and	F	6	0	4	2	0	12
	thrombosis (I80-I82)	Т	10	2	8	9	0	29
5	All other diseases of the	М	3	0	5	4	4	16
_	circulatory system (I83-I99)	F	0	0	4	0	0	4
		Т	3	0	9	4	4	20
Х.	DISEASES OF THE	Μ	476	194	326	726	319	2041
	RESPIRATORY SYSTEM	F	271	112	155	380	131	1049
	(J00-J9 8)	Т	747	306	481	1106	450	3090
33	Diseases of the upper	M	0	0	1	1	0	2
	respiratory tract (J00-J06 & J30-J39)	F	0	0	0	0	0	(
	(J00-J00 & J30-J39)	T	0	0	1	1	0	2
1	Acute pharyngitis and acute	M	0	0	0	0	0	(
	tonsillitis (J02-J03)	F	0	0	0	0	0	(
		T	0	0	0	0	0	(
2	Acute laryngitis and tracheitis	M	0	0	0	0	0	(
	(J04)	F	0	0	0	0	0	(
		T M	0	0 0	0 0	0	0 0	
3	Other acute upper respiratory	F	0	0	0	0	0	(
	infections (J00-J01 & J05-J06)	T	0	0	0	0	0	(
		M	0	0	1	1	0	2
4	All other diseases of upper	F	0	0	0	0	0	
	respiratory tract (J30-J39)	T	0	0	1	1	0	2
		M	392	147	215	599	233	1580
34	Lower respiratory diseases	F	177	76	82	247	66	648
	(J20-J22 & J40-J47)	Т	569	223	297	846	299	2234
1		М	0	0	0	0	0	(
1	Acute bronchitis and acute	F	0	0	0	0	0	(
	bronchiolitis (J20-J21)	Т	0	0	0	0	0	(
2	Bronchitis, chronic and	М	0	0	0	1	1	2
Z	unspecified, emphysema	F	0	0	0	3	0	
	(J40-J43)	Т	0	0	0	4	1	5
3	Astheres	М	10	5	2	8	1	20
5	Asthma (J45-J46)	F	21	5	1	30	5	62
		Т	31	10	3	38	6	88
4	Other lawer recrimeters	М	382	142	213	590	231	1558
т	Other lower respiratory disorders (J22, J44 & J47)	F	156	71	81	214	61	58.
	alsoratio (522, 511 & 51/)	Т	538	213	294	804	292	214
	Other diseases of the	М	84	47	110	126	86	45.
35	respiratory system	F	94	36	73	133	65	401
	(J10-J18, J60-J98)	Т	178	83	183	259	151	854

M.G/		X		(Centres			T 4 1
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
1		М	4	1	0	1	0	6
1	Influenza (J10-J11)	F	7	0	0	3	0	10
	(J10-J11)	Т	11	1	0	4	0	16
2	D .	М	42	10	65	40	35	192
2	Pneumonia (J12-J18)	F	34	10	43	38	25	15(
	(312-318)	Т	76	20	108	78	60	342
3		М	4	0	0	15	1	20
5	Pleurisy (J90)	F	6	0	0	10	1	12
	(390)	Т	10	0	0	25	2	37
4	All other diseases of the	М	34	36	45	70	50	23
4	respiratory system	F	47	26	30	82	39	224
	(J60-J86, J92-J98.)	Т	81	62	75	152	89	45
XI.	DISEASES OF THE	М	356	90	485	469	144	154
	DIGESTIVE SYSTEM	F	94	19	137	150	50	45
	(K00-K92)	Т	450	109	622	619	194	1994
• -	Diseases of oral cavity,	M	0	0	1	0	0	
36	salivary glands and jaws	F	0	0	1	1	0	,
	(K00-K14)	T	0	0	2	1	0	
		M	0	0	1	0	0	•
1	Diseases of oral cavity, salivary	F	0	0	1	1	0	
	glands and jaws (K00-K14)	<u>г</u> Т	0	0	2			
			-	90		<u>1</u> 469	0	
37	Diseases of the other parts of	M	356		484		144	154
	digestive system (K20-K92)	F	94	19	136	149	50	44
		T V	450	109	620	618	194	199
1	Gastric and duodenal ulcer	M	1	1	0	2	0	4
	(K25-K27)	F	0	0	0	1	0	-
		<u>T</u>	1	1	0	3	0	
2	Gastritis and duodenitis	M	0	0	0	0	0	(
	(K29)	F	0	0	0	0	0	
		<u>T</u>	0	0	0	0	0	
3	Diseases of appendix	M	0	0	0	1	0	
	(K35-K38)	F	0	0	0	0	0	
		Т	0	0	0	1	0	
4	Hernia	М	5	0	0	2	0	
	(K40-K46)	F	1	0	1	3	0	
		Т	6	0	1	5	0	1
5	Paralytic ileus and intestinal	М	9	2	1	11	2	2:
-	obstruction without hernia (K56)	F	5	0	2	13	1	2
		Т	14	2	3	24	3	4
6	Paritonitia	Μ	5	0	1	5	0	1
U	Peritonitis (K65)	F	1	0	5	2	0	5
		Т	6	0	6	7	0	19

M.G/		X			Centres			T-4-1
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
7		М	296	84	389	390	102	1261
/	Diseases of the liver (K70-K76)	F	61	18	94	107	26	306
		Т	357	102	483	497	128	1567
8	Cholalithiasis and abalaaystitis	Μ	2	0	0	4	0	(
0	Cholelithiasis and cholecystitis (K80-K81)	F	1	0	0	2	2	5
		Т	3	0	0	6	2	11
9		М	11	1	13	20	5	5(
	Disorders of the pancreas	F	5	0	3	6	0	14
		Т	16	1	16	26	5	64
	All other diseases of the other parts of digestive system (K20-	М	27	2	80	34	35	178
10	K22, K28, K30-K31, K50-K55,	F	20	1	31	15	21	88
	K57-K63, K66, K82-K83 & K90-K92)	Т	47	3	111	49	56	260
XII.	DISEASES OF THE SKIN	M	18	4	0	15	0	37
лп.	AND SUBCUTANEOUS	F	12	1	0	10	0	23
	<i>TISSUE (L00-L98)</i>	Т	30	5	0	25	0	6
20		М	18	4	0	15	0	37
38	Diseases of the skin and	F	12	1	0	10	0	23
	subcutaneous tissue (L00-L98)	Т	30	5	0	25	0	6
1		М	12	2	0	10	0	24
1	Infections of the skin and subcutaneous tissue (L00-L08)	F	7	0	0	5	0	12
		Т	19	2	0	15	0	30
2	All other diseases of the skin	Μ	6	2	0	5	0	13
-	and subcutaneous tissue (L10-	F	5	1	0	5	0	1
	L98)	Т	11	3	0	10	0	24
XIII.	DISEASES OF THE MUSCULOSKELETAL	М	28	5	1	20	2	5
	SYSTEM AND CONNECTIVE TISSUE	F	41	1	7	32	2	8.
	(<i>M00-M99</i>)	Т	69	6	8	52	4	139
39	Diseases of the	М	28	5	1	20	2	50
39	musculoskeletal system and	F	41	1	7	32	2	83
	connective tissue (M00-M99)	Т	69	6	8	52	4	139
1	Rheumatoid arthritis and other	Μ	1	2	0	3	0	(
-	inflammatory polyarthropathies	F	4	1	0	5	0	1(
	(M05-M13)	Т	5	3	0	8	0	1
2	Osteomyelitis.	М	2	0	0	0	0	2
	(M86)	F	0	0	0	1	0	1
		Т	2	0	0	1	0	
	All other diseases of the musculoskeletal system and	М	25	3	1	17	2	48
3	connective tissue (M00-M02, M15-M85, M87-	F	37	0	7	26	2	72
	(M00-M02, M13-M03, M87- M99)	Т	62	3	8	43	4	120

M.G/		X			Tata			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Tota
1	2	3	4	5	6	7	8	9
XIV.	DISEASES OF THE	М	176	114	652	273	185	140
	GENITOURINARY	F	104	66	340	187	130	82
	SYSTEM (N00-N99)	Т	280	180	992	460	315	222
40	Diseases of urinary system	Μ	168	114	652	270	185	138
10	(N00-N39)	F	101	66	339	183	130	81
		Т	269	180	991	453	315	220
1	Glomerular diseases (including	Μ	91	0	2	240	0	33
-	Nephritic Synodrome)	F	53	0	1	114	0	10
	(N00-N07)	Т	144	0	3	354	0	50
2	Renal tubulo-interstitial diseases	Μ	1	0	0	4	0	
_	(N10-N15)	F	0	1	2	1	1	
		Т	1	1	2	5	1	1
3	Renal failure	Μ	57	101	650	8	185	100
-	(N17-N19)	F	22	56	336	4	129	54
		Т	79	157	986	12	314	154
4	Urolithiasis	Μ	1	1	0	0	0	
	(N20-N23)	F	1	0	0	0	0	
		Т	2	1	0	0	0	
5	Other disorders of kidney and	Μ	1	1	0	0	0	
C	ureter	F	0	1	0	0	0	
	(N25-N28)	Т	1	2	0	0	0	
6	All other diseases of urinary	Μ	17	11	0	18	0	4
-	system (N30-N39)	F	25	8	0	64	0	
		Т	42	19	0	82	0	14
41	Other diseases of the	Μ	8	0	0	3	0	1
	genitourinary system (N40-	F	3	0	1	4	0	
	N99)	Т	11	0	1	7	0	1
1	Hyperplasia of prostate	Μ	1	0	0	1	0	
	(N40)	Т	1	0	0	1	0	
2	All other diseases of male	Μ	7	0	0	2	0	
	genital organs (N41-N50)	Т	7	0	0	2	0	
3	Salpingitis and oophoritis	F	0	0	0	1	0	
	(N70)	Т	0	0	0	1	0	
4	All other diseases of female	F	3	0	1	3	0	
4	genital organs (N60-N64 & N71-N99)	Т	3	0	1	3	0	
(V.	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (000-099)	F	4	1	0	21	1	2
	. , ,	Т	4	1	0	21	1	2
42	Pregnancy with abortive	F	0	0	0	1	0	
	outcome (O00-O08)	Т	0	0	0	1	0	
1	Spontaneous abortion	F	0	0	0	0	0	
	(003)	Т	0	0	0	0	0	

M.G/		X			Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2	Medical abortion	F	0	0	0	0	0	0
	(O04)	Т	0	0	0	0	0	0
3	Other pregnancies with abortive	F	0	0	0	1	0	1
	outcome (O00-O02 & O05-O08)	Т	0	0	0	1	0	1
43	Other direct obstetric deaths	F	4	1	0	19	1	25
	(010-092)	Т	4	1	0	19	1	25
	Oedema, proteinuria and hypertensive disorders in	F	0	1	0	5	0	(
1	pregnancy, childbirth and the	Г	0	1	0	5	0	6
-	puerperium (O10-O16)	Т	0	1	0	5	0	6
2	Infections of genitourinary tract	F	0	0	0	0	0	0
	in pregnancy (O23)	Т	0	0	0	0	0	0
3	Obstructed labour	F	0	0	0	0	0	0
	(064-066)	Т	0	0	0	0	0	0
	Complications pre-dominantly	F	2	0	0	6	0	8
4	related to the puerperium (O85-O92)	Т	2	0	0	6	0	8
	Other complications of	F	2	0	0	8	1	<u> </u>
5	pregnancy and delivery (O20-	1	2	0	0	0	1	11
	022, 024-063 & 067-084)	Т	2	0	0	8	1	11
44	Other obstetric conditions, not	F	0	0	0	1	0	1
	elsewhere classified (O95-O99)	Т	0	0	0	1	0	1
1	Indirect obstetric deaths	F	0	0	0	1	0	1
	(098-099)	Т	0	0	0	1	0	1
2	All other obstetric conditions, not elsewhere classified	F	0	0	0	0	0	0
2	(095-097)	Т	0	0	0	0	0	0
	CERTAIN CONDITIONS	M	131	3	55	205	23	417
XVI.	ORIGINATING IN THE	F	106	3	37	149	18	313
	PERINATAL PERIOD							
	(P00-P96)	T	237	6	92	354	41	730
45	Certain conditions originating	M	131	3	55	205	23	417
	in the perinatal period (P00-P96)	F T	106 237	3 6	37 92	149 354	18 41	<u>313</u> 730
	Slow fetal growth, fetal	M	51	3	30	58	11	153
1	malnutrition and immaturity	F	52	2	21	48	11	133
	(P05-P07)	T	103	5	51	106	22	287
2		M	0	0	0	0	0	0
2	Birth trauma	F	0	0	0	0	0	0
	(P10-P15)	Т	0	0	0	0	0	0
2	Hypoxia, birth asphyxia and	M	36	0	16	71	6	129
3	other respiratory conditions	F	23	1	7	47	5	83
	(P20-P28)	Т	59	1	23	118	11	212
4		М	0	0	0	0	0	0
4	Haemolytic disease of fetus and	F	2	0	0	0	0	2
	new-born (P55)	Т	2	0	0	0	0	2

M.G/		X			Centres		-	T ()
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
5		М	0	0	0	3	0	3
5	Other perinatal jaundice (P58-P59)	F	3	0	0	1	0	4
	(150-157)	Т	3	0	0	4	0	7
	All other conditions originating	М	44	0	9	73	6	132
6	in the perinatal period	F	26	0	9	53	2	90
	(P00-P04, P08, P29-P54, P56- P57, P60-P96.)	Т	70	0	18	126	8	222
XVII.	CONGENITAL	M	78	0	42	168	4	292
	MALFORMATIONS,							
	DEFORMATIONS AND	F	69	0	37	123	1	230
	CHROMOSOMAL							
	ABNORMALITIES							
	(Q00-Q99)	Т	147	0	79	291	5	522
46	Congenital malformations, deformations and	М	78	0	42	168	4	292
40	chromosomal abnormalities	F	69	0	37	123	1	230
	(Q00-Q99)	Т	147	0	79	291	5	522
1	Spine hifide	М	0	0	0	1	0	1
1	Spina bifida (Q05)	F	0	0	0	0	0	0
		Т	0	0	0	1	0	1
2		М	37	0	24	70	2	133
2	Congenital malformations of the circulatory system (Q20-Q28)	F	33	0	23	61	1	118
	circulatory system (Q20-Q28)	Т	70	0	47	131	3	251
3		М	1	0	0	0	0	1
3	Cleft lip and cleft palate (Q35-Q37)	F	0	0	0	3	0	3
	(257)	Т	1	0	0	3	0	4
	All other congenital malformations, deformations	М	40	0	18	97	2	157
4	and chromosomal abnormalities, not elsewhere classified	F	36	0	14	59	0	109
-	(Q00-Q04, Q06-Q18, Q30-Q34	-	50	0	17	57	0	107
	& Q38-Q99)	Т	76	0	32	156	2	266
	SYMPTOMS, SIGNS AND	м	409	9	107	51	160	040
	ABNORMAL CLINICAL	М	498	9	127	54	160	848
XVIII	AND LABORATORY							
•	FINDINGS, NOT ELSEWHERE	F	178	14	94	40	60	386
	CLASSIFIED (R00-R99)	Т	676	23	221	94	220	1234
	Symptoms, signs and	M	498	9	127	54	160	848
	abnormal clinical and	F	178	14	94	40	60	386
47	laboratory findings, not	1	1/0	17	77	τυ	00	500
	elsewhere classified	т	(7)		221	0.4	220	1004
	(R00-R99)	Т	676	23	221	94	220	1234
	Abdominal and pelvic pain	М	0	0	0	0	0	0
1	(R10)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0

M.G/		X			Centres			T ()
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2	Assitas	Μ	0	0	0	0	0	0
2	Ascites (R18)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
3	Somnolence, stupor and coma	Μ	0	0	0	0	0	0
C	(R40)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
4	Fever of unknown origin	Μ	0	0	0	0	0	0
	(R50)	F	1	1	0	0	0	2
		Т	1	1	0	0	0	2
5	Senility	Μ	0	0	0	0	0	0
	(R54)	F	0	0	0	4	0	4
		T	0	0	0	4	0	4
6	Syncope and collapse	M	0	0	0	0	0	0
	(R55)	F	0	0	0	0	0	0
		T	0	0	0	0	0	0
7	Convulsions, not elsewhere	M	2	0	0	0	0	2
	classified (R56)	F	1	0	0	0	0	1
		T	3	0	0	0	0	3
8	Shock, not elsewhere classified	M	3	8	0	0	0	11
	(R57)	F	0	12	0	1	0	13
9	All other symptoms, signs and	T	3	20	0	1	0	24
9	All other symptoms, signs and abnormal clinical and laboratory	М	493	1	127	54	160	835
	findings, not elsewhere	F	176	1	94	35	60	366
	classified (R00-R09, R11-R17, R19-R39, R41-R49, R51-R53, R58-R99)	Т	669	2	221	89	220	1201
VIV	INJURY, POISONING AND	М	131	0	163	505	29	828
XIX.	CERTAIN OTHER CONSEQUENCES OF	F	48	1	56	214	7	326
	EXTERNAL CAUSES (S00-T98)	Т	179	1	219	719	36	1154
48	Fractures (S02, S12, S22, S32,	М	31	0	0	28	0	59
40	S42, S52, S62, S72, S82, S92,	F	9	0	0	5	0	14
	T02, T08, T10 & T12)	Т	40	0	0	33	0	73
1		М	29	0	0	0	0	29
1	Fracture of skull and facial bones (S02)	F	7	0	0	1	0	8
	50105 (502)	Т	36	0	0	1	0	37
2	Erecture of pools there ar	М	0	0	0	9	0	9
2	Fracture of neck, thorax or pelvis (S12, S22, S32 & T08)	F	0	0	0	1	0	1
	perile (012, 022, 032 & 100)	Т	0	0	0	10	0	10
3		М	0	0	0	0	0	0
5	Fracture of upper limb (S42, S52, S62 & T10)	F	0	0	0	0	0	0
	552, 502 & 110 <i>j</i>	Т	0	0	0	0	0	0

M.G/		X		(Centres			T-4-1
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
4		М	0	0	0	0	0	0
4	Fractures of lower limb (S72, S82, S92 & T12)	F	0	0	0	0	0	0
	(572, 562, 572 & 112)	Т	0	0	0	0	0	0
5	Fractures involving multiple	М	2	0	0	19	0	21
5	body regions, and of unspecified	F	2	0	0	3	0	5
	body region (T02)	Т	4	0	0	22	0	26
	Dislocations, sprains and	М	0	0	0	1	0	1
49	strains of specified and multiple body regions (S03,	F	0	0	0	0	0	0
	S13, S23, S33, S43, S53, S63, S73, S83, S93, T03)	Т	0	0	0	1	0	1
	Intracranial and internal	М	10	0	4	105	0	119
50	injuries, including nerves (S04, S06, S14, S24, S26-S27,	F	3	0	1	30	0	34
	S34, S36-S37, S44, S54, S64, S74, S84 & S94)	Т	13	0	5	135	0	153
	Crushing injuries and traumatic amputations of specified and	М	0	0	0	0	0	0
51	multiple body regions (807-S08, S17-S18, S28, S38, S47-S48, S57-	F	0	0	0	0	0	(
	S17-S16, 526, 536, 547-S46, 557- S58, S67-S68, S77-S78, S87-S88, S97-S98, T04-T05)	Т	0	0	0	0	0	(
	Other injuries of specified, unspecified and multiple body regions (S00-S01, S05, S09-S11,	М	33	0	122	241	17	413
52	\$15-\$16, \$19-\$21, \$25, \$29-\$31, \$35, \$39-\$41, \$45-\$46, \$49-\$51, \$55-\$56, \$59-\$61, \$65-\$66, \$69-	F	5	0	15	53	1	74
	S71, S75-S76, S79-S81, S85-S86, S89-S91, S95-S96, S99, T00-T01, T06-T07, T09, T11, T13-T14)	Т	38	0	137	294	18	487
53	Effects of foreign body	М	0	0	1	2	0	2
55	entering through natural	F	0	0	1	1	0	2
	orifice (T15-T19)	Т	0	0	2	3	0	5
54	Burns and Corrosions	М	2	0	18	28	4	52
7	(T20-T32)	F	2	1	33	68	3	107
		Т	4	1	51	96	7	159
==	Poisonings by drugs & biological	М	20	0	16	53	5	94
55	substances; and Toxic effects of substances chiefly nonmedicinal	F	6	0	3	26	3	38
	as to source (T36-T50 & T51- T65)	Т	26	0	19	79	8	132
56	Other and unspecified effects	М	6	0	2	19	2	2
20	of external causes and certain	F	5	0	3	13	0	2
	early complications of trauma (T33-T35, T66-T79)	Т	11	0	5	32	2	5
57	Complications of Surgical and	Μ	13	0	0	14	1	28
31	Medical care, not elsewhere	F	17	0	0	12	0	29
	classified (T80-T88)	Т	30	0	0	26	1	57

M.G/	CAUSE OF DEATH	SEX		(Centres			Tota
CAT. /S.C	CAUSE OF DEATH	SE	Tvpm	Kollam	Kochi	Kzd	Alpzh	Tota
1	2	3	4	5	6	7	8	9
58	Late effects of injuries, of	М	16	0	0	14	0	3
	poisoning and of other	F	1	0	0	6	0	
	consequences of external causes (T90-T98)	Т	17	0	0	20	0	3
XX.	EXTERNAL CAUSES OF	М	129	0	164	505	37	83
	MORBIDITY AND	F	50	1	55	214	10	33
	MORTALITY (V01-Y89)	Т	179	1	219	719	47	116
E48	Transport assidants	М	75	0	115	350	26	50
1140	Transport accidents (V01-V99)	F	15	0	14	83	4	11
		Т	90	0	129	433	30	68
1	Railway accidents (V05, V15,	Μ	0	0	0	1	1	
-	V80.6, V81, V82.2, V87.6 &	F	0	0	0	0	0	
	V88.6)	Т	0	0	0	1	1	
	Motor vehicle traffic accidents (V02-V04, V09.2-V09.3, V12-V14, V19.4-V19.6, V19.9, V20-V28,	М	74	0	114	349	25	50
	V29.4-V29.6, V29.9, V30-V38, V39.4-V39.6, V39.9, V40-V48,	F	15	0	14	83	4	11
2	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.	Т	89	0	128	432	29	67
	Other road vehicle accidents (V01,	М	1	0	1	0	0	
2	V06, V09.9, V10-V11, V16-V18, V19.8, V29.8, V39.8, V49.8,	F	0	0	0	0	0	
3	V59.8, V69.8, V79.8, V80.0-V80.2, V80.7-V80.9, V82.3-V82.7, V82.9 & V89.1)	Т	1	0	1	0	0	
4	Water transment and dents (V00	М	0	0	0	0	0	
т	Water transport accidents (V90- V94)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
5	Air & Space transport accidents	Μ	0	0	0	0	0	
	(V95-V97)	F	0	0	0	0	0	
		Т	0	0	0	0	0	
	All other transport accidents (V09.0-V09.1, V19.0-V19.3, V29.0-V29.3, V39.0-V39.3,	М	0	0	0	0	0	
	V29.0-V29.3, V39.0-V39.3, V49.0-V49.3, V59.0-V59.3, V69.0-V69.3, V79.0-V79.3,	F	0	0	0	0	0	
6	V82.0, V82.8, V83-V86, V88.0- V88.5, V88.7-V88.9, V89.0, V89.9, V98-V99)	Т	0	0	0	0	0	
F/0		М	8	0	11	26	0	4
E49	Accidental Falls (W00-W19)	F	5	0	2	7	0	1
		Т	13	0	13	33	0	41
F5A	A soldantal drawning and	М	1	0	0	4	1	
E50	Accidental drowning and submersion (W65-W74)	F	0	0	1	4	0	
		Т	1	0	1	8	1	1

M.G/		X			Centres			Tatal
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Tota
1	2	3	4	5	6	7	8	9
E51		М	2	0	16	28	4	5
E91	Exposure to smoke, fire and flames (X00-X09)	F	2	1	30	68	3	10
	names (A00-A09)	Т	4	1	46	96	7	15
E52	Accidental poisoning by and	М	0	0	3	0	0	
E32	exposure to noxious	F	0	0	1	0	1	
	substances (X40-X49)	Т	0	0	4	0	1	
E53		М	13	0	12	52	5	8
E33	Intentional self-harm (Suicide- attempted) (X60-X84)	F	7	0	3	28	0	3
	attempted) (X00-X04)	Т	20	0	15	80	5	12
E54		М	0	0	1	1	0	
LJT	Assault (Homicide) (X85-Y09)	F	0	0	1	2	0	
		Т	0	0	2	3	0	
E55		М	10	0	0	9	0	1
Е33	Other Violence (Y10-Y36)	F	0	0	0	4	0	
	(110-130)	Т	10	0	0	13	0	2
1		М	10	0	0	9	0	1
1	Event of undetermined intent (Y10-Y34)	F	0	0	0	4	0	
	(110-134)	Т	10	0	0	13	0	2
2		М	0	0	0	0	0	
Z	Legal intervention (Y35)	F	0	0	0	0	0	
	(155)	Т	0	0	0	0	0	
2		М	0	0	0	0	0	
3	Operations of war (Y36)	F	0	0	0	0	0	
	(130)	Т	0	0	0	0	0	
F5 (М	13	0	0	15	0	2
E56	Complications of medical and surgical care (Y40-Y84)	F	17	0	0	12	0	2
	surgical care (140-184)	Т	30	0	0	27	0	5
	Drugs, medicaments and	М	0	0	0	0	0	
1	biological substances causing	F	0	0	0	0	0	
	adverse effects in therapeutic use (Y40-Y59)	Т	0	0	0	0	0	
	Misadventures during surgical & medical care, adverse incidents	M	13	0	0	15	0	2
2	in diagnostic and therapeuticuse, abnormal reactions and late	F	17	0	0	12	0	2
	complications (Y60-Y69, Y70- Y82 & Y83-Y84)	Т	30	0	0	27	0	5
	Other external causes of	М	7	0	6	20	1	3
D	accidental injury, not	F	4	0	3	6	2	1
E57	elsewhere classified (W20- W64, W75-W99, X10-X39, X50-X59)	Т	11	0	9	26	3	4
1	Accidents caused by machinery,	М	0	0	0	0	0	
1	and by cutting & piercing	F	0	0	0	0	0	
	instruments (W24-W31)	Т	0	0	0	0	0	

M.G/		X		(Centres			
CAT. /S.C	CAUSE OF DEATH	SEX	Tvpm	Kollam	Kochi	Kzd	Alpzh	Total
1	2	3	4	5	6	7	8	9
2		М	0	0	0	0	0	0
2	Accidents caused by firearm missile (W32-W34)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
3		М	6	0	3	7	0	16
5	Bites of snakes & other venomous animals (X20-X27)	F	1	0	0	1	2	4
	venomous ammais (X20-X27)	Т	7	0	3	8	2	20
4		М	0	0	0	0	0	0
4	Sun stroke (X32)	F	0	0	0	0	0	0
		Т	0	0	0	0	0	0
	All other accidents including	М	1	0	3	13	1	18
5	late effects (W20-W23, W35-	F	3	0	3	5	0	11
5	W64, W75-W99, X10-X19, X28-X31, X33-X39 & X50- X59)	Т	4	0	6	18	1	29
E58	Late effects of external causes	М	0	0	0	0	0	0
E30	of morbidity and mortality	F	0	0	0	0	0	0
	(Y85-Y89)	Т	0	0	0	0	0	0
		Μ	5053	1083	4023	6968	2004	19131
	AUSES (MAJOR GROUP	F	3389	635	2234	4257	1248	11763
(I to XI	X)	Т	8442	1718	6257	11225	3252	30894
		Μ	5182	1083	4187	7473	2041	19966
ALL CA	AUSES (MAJOR GROUP	F	3439	636	2289	4471	1258	12093
	<, ,	Т	8621	1719	6476	11944	3299	32059

Appendix – VIII

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

								AGE G	ROUP	s				
M.G/ 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
		М	5	6	6	22	37	77	132	167	116	182	3	753
I.	Certain infectious and parasitic diseases (a00-b99)	F	3	6	8	11	35	30	61	64	47	107	0	372
	1	Т	8	12	14	33	72	107	193	231	163	289	3	1125
		М	4	15	40	54	62	148	430	872	577	851	4	3057
II.	Neoplasms (c00-d48)	F	3	18	29	28	61	189	446	516	293	417	5	2005
		Т	7	33	69	82	123	337	876	1388	870	1268	9	5062
	Diseases of the blood and blood-forming organs and	М	4	5	11	8	11	16	20	24	17	55	0	171
III.	certain disorders involving	F	4	9	10	6	5	9	13	22	20	78	0	176
	the immune mechanism (d50-d89)	Т	8	14	21	14	16	25	33	46	37	133	0	347
	Endocrine, nutritional and	М	8	4	10	2	21	69	302	594	404	856	1	2271
IV.	metabolic diseases	F	4	2	6	6	12	63	198	402	292	780	0	1765
	(e00-e89)	Т	12	6	16	8	33	132	500	996	696	1636	1	4036
		М	0	0	0	0	1	2	3	1	1	2	0	10
V.	Mental and behavioural disorders (f01-f99)	F	0	0	0	0	0	0	0	1	0	3	0	4
		Т	0	0	0	0	1	2	3	2	1	5	0	14
		М	19	18	17	25	17	15	29	41	25	62	0	268
VI.	Diseases of the nervous system (g00-g98)	F	13	16	22	14	10	19	22	24	21	64	0	225
		Т	32	34	39	39	27	34	51	65	46	126	0	493
	Disassas of the ave and	М	0	0	1	0	0	0	0	1	0	1	0	3
VII.	Diseases of the eye and adnexa (h00-h59)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	1	0	0	0	0		0	1	0	3
	Diseases of the ear and	М	0	0	0	0	0	0	0	0	0	0	0	0
VIII.	mastoid process (h60-h95)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
	Diseases of the circulatory	M	0	0	4	31	60	192	567	1086	771	2421	3	5135
IX.	system (i00-i99)	F	0	1	10	14	29	86	290	582	475	2014	1	3502
		Т	0	1	14	45	89	278	857	1668	1246	4435	4	8637
	Diseases of the respiratory	M	19	11	5	15	27	49	145	382	365	1014	9	2041
X.	system (j00-j98)	F	5	8	11	9	18	38	85	146	152	575	2	1049
		Т	24	19	16	24	45	87	230	528	517	1589	11	3090
vi	Diseases of the digestive	М	0	2	3	13	41	177	401	462	202	241	2	1544
XI.	system (k00-k92)	F	2	1	7	7	7	24	48	107	62	185	0	450
		Т	2	3	10	20	48	201	449	569	264	426	2	1994

								AGE (GROUP	S		1		
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N. S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Diseases of the skin and	Μ	0	0	1	2	1	2	9	9	4	9	0	37
XII.	subcutaneous tissue	F	0	0	1	0	0	3	3	6	1	9	0	23
	(100-198)	Т	0	0	2	2	1	5	12	15	5	18	0	60
	Diseases of the	Μ	0	0	1	0	3	8	11	11	4	18	0	56
XIII.	musculoskeletal system and connective tissue	F	0	0	2	7	11	8	17	7	7	24	0	83
	(m00-m99)	Т	0	0	3	7	14	16	28	18	11	42	0	139
	Diseases of the	М	0	2	2	13	26	63	180	381	228	502	3	1400
XIV.	genitourinary system	F	1	1	5	11	11	34	106	174	133	351	0	827
	(n00-n99)	Т	1	3	7	24	37	97	286	555	361	853	3	2227
	Pregnancy, childbirth and	F	0	0	0	8	12	7	0	0	0	0	0	27
XV.	the puerperium (000-099)	Т	0	0	0	8	12	7	0	0	0	0	0	27
	Contain conditions	Μ	417	0	0	0	0	0	0	0	0	0	0	417
XVI.	Certain conditions originating in the perinatal	F	313	0	0	0	0	0	0	0	0	0	0	313
	period (p00-p96)	Т	730	0	0	0	0	0	0	0	0	0	0	730
	Congenital malformations,	М	224	24	20	6	7	3	5	1	1	1	0	292
XVII.	deformations and chromosomal abnormalities	F	182	16	13	5	6	5	1	2	0	0	0	230
	(q00-q99)	Т	406	40	33	11	13	8	6	3	1	1	0	522
	Symptoms, signs and	М	9	3	8	68	79	100	139	174	82	179	7	848
XVIII.	abnormal clinical and laboratory findings,not	F	7	5	5	23	43	38	62	56	45	100	2	386
	elsewhere classified (r00-r99)	Т	16	8	13	91	122	138	201	230	127	279	9	1234
		М	1	8	18	101	100	138	163	153	54	91	1	828
XIX.	Injury, poisoning and certain other consequences	F	2	6	9	38	44	43	59	36	16	73	0	326
	of external causes (s00-t98)	Т	3	14	27	139	144	181	222	189	70	164	1	1154
		М	1	9	18	100	104	142	161	154	56	89	1	835
XX.	External causes of morbidity and mortality	F	2	7	9	37	44	43	61	38	16	73	0	330
	(v01-y89)	Т	3	16	27	137	148	185	222	192	72	162	1	1165
	L	М	710	98	147	360	493	1059	2536	4359	2851	6485	33	19131
ALL CA	AUSES DR GROUP I to XIX)	F	539	89	138	187	304	596	1411	2145	1564	4780	10	11763
(INIAJU	A UNUUL LWAIA)	Т	1249	187	285	547	797	1655	3947	6504	4415	11265	43	30894
		М	711	107	165	460	597	1201	2697	4513	2907	6574	34	19966
ALL CA	AUSES DR GROUP I to XX)	F	541	96	147	224	348	639	1472	2183	1580	4853	10	12093
(INIAJU	A GROUI I WAAJ	Т	1252	203	312	684	945	1840	4169	6696	4487	11427	44	32059

Appendix - IX

<u>TABLE - CAUSE OF DEATH BY AGE AND SEX</u> <u>ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD FOR ALL CENTERS</u>

					-	-	A	GE GR	OUPS					
M.G/ 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	Μ	5	6	6	22	37	77	132	167	116	182	3	753
	INFECTIOUS AND	F	3	6	8	11	35	30	61	64	47	107	0	372
	PARASITIC DISEASES (A00-B99)	Т	8	12	14	33	72	107	193	231	163	289	3	1125
	T	Μ	2	1	4	2	0	2	2	2	2	5	0	22
1	Intestinal infectious diseases (A00-A09)	F	2	4	1	0	0	2	3	3	4	4	0	23
	diseases (A00-A07)	Т	4	5	5	2	0	4	5	5	6	9	0	45
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
1	Cholera (A00)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
2	Typhoid fever and paratyphoid fevers (A01)	F	0	0	0	0	0	0	0	0	0	0	0	0
	paratyphold levels (101)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	F 1	Μ	0	0	0	0	0	0	0	0	0	0	0	0
3	Food poisoning (A02, A05)	F	0	0	0	0	0	0	0	0	0	0	0	0
	(1102,1103)	Т	0	0	0	0	0	0	0	0	0	0	0	0
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
4	Shigellosis (A03)	F	0	1	0	0	0	0	0	0	0	0	0	1
		Т	0	1	0	0	0	0	0	0	0	0	0	1
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
5	Amoebiasis (A06)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
	Diarrhoea and	Μ	2	1	4	2	0	2	2	2	2	5	0	22
6	gastroenteritis of presumed infectious	F	2	3	1	0	0	2	3	3	4	4	0	22
	origin (A09)	Т	4	4	5	2	0	4	5	5	6	9	0	44
	Other intestinal	Μ	0	0	0	0	0	0	0	0	0	0	0	0
7	infectious diseases (A04,	F	0	0	0	0	0	0	0	0	0	0	0	0
	A07-A08)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Tuberculosis	Μ	0	2	0	2	4	15	27	45	27	32	2	156
2	(A15-A19)	F	0	0	2	5	9	7	9	18	14	11	0	75
	. ,	Τ	0	2	2	7	13	22	36	63	41	43	2	231
	Deservation of the training of	Μ	0	1	0	2	3	9	24	37	25	29	2	132
1	Respiratory tuberculosis (A15-A16)	F	0	0	1	2	3	7	7	12	12	10	0	54
		Т	0	1	1	4	6	16	31	49	37	39	2	186

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M.G/		X					A	GE GR	OUPS					AL
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
	Tuberculosis of nervous	Μ	0	1	0	0	1	4	1	3	1	0	0	11
2	system (A17)	F	0	0	1	1	2	0	0	2	0	0	0	6
	, , ,	Т	0	1	1	1	3	4	1	5	1	0	0	17
	Tuberculosis of other	Μ	0	0	0	0	0	2	2	5	1	3	0	13
3	organs & miliary	F	0	0	0	2	4	0	2	4	2	1	0	15
	tuberculosis (A18-A19)	T	0	0	0	2	4	2	4	9	3	4	0	28
_	Other bacterial	М	0	1	0	9	11	34	57	67	35	89	0	303
3	diseases (A20-A49)	F	0	1	2	5	9	12	26	28	26	60	0	169
		T	0	2	2	14	20	46	83	95	61	149	0	472
		M	0	0	0	0	0	0	0	0	0	0	0	0
1	Plague (A20)	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
	I (1.20)	M	0	0	0	0	0	0	0	0	0	0	0	0
2	Leprosy (A30)	F T	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0
n	\mathbf{N} (1) (122)	M F	0	0	0	0	0	0	0	0	0	0	0	0
3	Neonatal tetanus (A33)	г Т	0	0	0	0	0	0	0	0	0	0	0	0
		л М	0	0	0	0	0	1	0	0	0	2	0	3
4	$O_{1} = \frac{1}{2} \left(\frac{1}{2} \frac{1}{2} + \frac{1}{2} \frac{1}{2} \right)$	F M	-	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,	÷		_	0		0	0	Ŭ	<u> </u>
4	Other tetanus (A34-A35)	г Т	0	0	0	0	0	0	0	0	0	2	0	3
		л М	0	0	0	1	0	0	0	0	0	0	0	3
5	Diphtheria (A36)	F	0	0	0	0	0	0	0	0	0	0	0	0
J	Dipittiena (A50)	T T	0	0	0	1	0	0	0	0	0	0	0	1
		M	0	0	0	0	0	0	0	0	0	0	0	0
6	Whooping cough (A37)	F	0	0	0	0	0	0	0	0	0	0	0	0
U	whooping cough (1157)	T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0
7	Meningococcal infection	F	0	0	0	0	0	0	0	0	0	0	0	0
,	(A39)	T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	1	0	2	3	19	28	36	22	78	0	189
8	Septicaemia (A40-A41)	F	0	0	2	3	5	6	17	21	21	52	0	127
	_ , , ,	Τ	0	1	2	5	8	25	45	57	43	130	0	316
	All other types of	М	0	0	0	6	8	14	29	31	13	9	0	110
9	bacterial diseases (A21-	F	0	1	0	2	4	6	9	7	5	8	0	42
	A28, A31-A32, A38, A42-A49)	Т	0	1	0	8	12	20	38	38	18	17	0	152
	Infections with a	М	0	0	0	0	0	0	0	0	1	0	0	1
4	predominantly sexual mode of transmission	F	0	0	0	0	0	0	0	0	0	0	0	0
	(A50-A64)	Т	0	0	0	0	0	0	0	0	1	0	0	1

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M.G/							А	GE GR	OUPS					L
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
		Μ	0	0	0	0	0	0	0	0	1	0	0	1
1	Syphilis (A50-A53)	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
	Other types of infections with a predominantly	M	0	0	0	0	0	0	0	0	0	0	0	0
2	sexual mode of	F	0	0	0	0	0	0	0	0	0	0	0	0
	transmission (A54-A64)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	X 7' 1 1'	Μ	1	2	2	8	19	19	36	17	7	15	1	127
5	Viral diseases (A70-A74 & A80-B34)	F	1	1	3	1	13	7	13	9	0	14	0	62
		Т	2	3	5	9	32	26	49	26	7	29	1	189
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
1	Acute poliomyelitis (A80)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
		Μ	0	0	0	0	1	0	1	0	0	0	1	3
2	Rabies (A82)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	1	0	1	0	0	0	1	3
-	Japanese encephalitis	M	0	0	0	0	0	0	0	0	0	0	0	0
3	(A83.0)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0 2	0	0	0
6	Other viral encephalitis	M F	0	1	2	0	3	1 2	3	0	0	3	0	15 8
4	(A83.1-A83.9, A84-A86)	T T	0	1	2	0	4	2 3	4	1 1	2	6 5	0	23
		M	1	0	0	4	3	3	8	4	0	3	0	26
5	Dengue fever (A90)	F	0	0	1	0	2	1	0	3	0	3	0	10
U	Deligue level (190)	T	1	0	1	4	5	4	8	7	0	6	0	36
	Other arthropod-borne	М	0	0	0	0	2	1	2	3	0	0	0	8
6	viral fevers and viral	F	0	0	0	0	1	0	2	1	0	2	0	6
	haemorrhagic fevers (A91-A94, A96-A99)	Т	0	0	0	0	3	1	4	4	0	2	0	14
	(1191-1194, 1190-1199)	М	0	0	0	0	0	0	0	0	0	0	0	0
7	Smallpox (B03)	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
		М	0	0	0	0	0	0	0	0	0	0	0	0
8	Measles (B05)	F	1	0	0	0	0	0	0	0	0	0	0	1
		Т	1	0	0	0	0	0	0	0	0	0	0	1
		М	0	0	0	1	4	2	3	3	0	1	0	14
9	Acute Hepatitis B (B16)	F	0	0	0	0	0	0	1	1	0	0	0	2
		Т	0	0	0	1	4	2	4	4	0	1	0	16
		М	0	0	0	2	1	1	1	1	0	1	0	7
10	Other viral hepatitis (B15, B17-B19)	F	0	0	0	0	0	0	0	1	0	1	0	2
		Т	0	0	0	2	1	1	1	2	0	2	0	9

M.G/ CAT./ S.C	CAUSE OF DEATH	X	AGE GROUPS											
		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
11	Human immunodeficiency virus [HIV] disease (B20-B24)	Μ	0	0	0	0	4	11	16	5	4	2	0	42
		F T	0	1	1	1	7	4	8	1	0	4	0	27
12	All other types of viral diseases (A70-A74, A81, A87-A89, A95, B00-B02, B04, B06-B09 & B25- B34)	л М	0 0	1	1 0	1	11	15	24	6 1	4 1	6 5	0	69 12
		F	0	0	1	0	2	0	1	1	0	1	0	6
		T	0	1	1	1	3	0	3	2	1	6	0	18
	Protozoal diseases (B50-B64)	М	0	0	0	0	0	0	0	0	0	0	0	0
6		F	0	0	0	0	1	0	0	0	1	0	0	2
		Т	0	0	0	0	1	0	0	0	1	0	0	2
1	Malaria (B50-B54)	М	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	0	0	0	1	0	0	1
2	All other types of	M F	0	0	0	0	0	0	0	0	0	0	0	0
Z	protozoal diseases (B55-B64)	г Т	0	0	0	0	1	0	0	0	0	0	0	1
	Other certain infectious & parasitic diseases and late effects of infectious &	М	2	0	0	1	3	7	10	36	44	41	0	144
7		F	0	0	0	0	3	2	10	6	2	18	0	41
	parasitic diseases (A65- A69 & A75-A79, B35- B49, B65-B99)	Т	2	0	0	1	6	9	20	42	46	59	0	185
	Filariasis (B74)	Μ	0	0	0	0	0	0	0	1	0	0	0	1
1		F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	1	0	0	0	1
2	Other helminthiasis (B65-B73, B75, B77-B83)	Μ	0	0	0	0	1	0	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	1	0	0	0	0	0	0	1
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M F	0	0	0	0	0	0	0	0	0	0	0	0
		T T	0	0	0	0	0	0	1	1	0	0	0	2
	All other infectious & parasitic diseases and late effects of infectious & parasitic diseases (B35-B49, B76, B85-B99)	М	2	0	0	1	2	7	10	35	44	41	0	142
4		F	0	0	0	0	3	2	9	5	2	18	0	39
		Т	2	0	0	1	5	9	19	40	46	59	0	181
<i>II.</i>	NEOPLASMS (C00-D48)	М	4	15	40	54	62	148	430	872	577	851	4	3057
		F	3	18	29	28	61	189	446	516	293	417	5	2005
		Т	7	33	69	82	123	337	876	1388	870	1268	9	5062

Report on Medical Certification of Cause of Death 2018

M.G/							А	GE GR	OUPS					T
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
	Malignant neoplasms	Μ	0	0	0	0	5	19	47	80	39	55	0	245
8	of lip, oral cavity and	F	0	0	0	1	0	3	10	14	10	21	0	59
	pharynx (C00-C14)	Т	0	0	0	1	5	22	57	94	49	76	0	304
	Malignant neoplasms of	Μ	0	0	0	0	5	19	47	80	39	55	0	245
1	lip, oral cavity and	F	0	0	0	1	0	3	10	14	10	21	0	59
	pharynx (C00-C14)	Т	0	0	0	1	5	22	57	94	49	76	0	304
	Malignant neoplasms	Μ	0	0	0	4	9	29	139	295	181	267	1	925
9	of digestive organs	F	0	2	0	3	7	24	77	110	66	121	0	410
	(C15-C26)	Т	0	2	0	7	16	53	216	405	247	388	1	1335
	Malignant neoplasm of	Μ	0	0	0	0	2	2	15	40	25	30	0	114
1	oesophagus (C15)	F	0	0	0	1	0	2	3	9	6	17	0	38
		Τ	0	0	0	1	2	4	18	49	31	47	0	152
	Malignant neoplasm of	Μ	0	0	0	1	2	2	27	53	18	55	0	158
2	stomach (C16)	F	0	0	0	2	4	6	18	19	10	19	0	78
		Т	0	0	0	3	6	8	45	72	28	74	0	236
	Malignant neoplasm of	M	0	0	0	0	0	0	1	1	2	0	0	4
3	small intestine including duodenum (C17)	F	0	0	0	0	0	0	0	0	4	1	0	5
		T	0	0	0	0	0	0	1	1	6	1	0	9
4	Malignant neoplasm of	M F	0	0	0	1	1	5	9	26	17	23	0	82
4	colon (C18)	Г Т	0	0	0	0	2	3	18	24	11	21	0	79
	Malignant neoplasm of	л М	0 0	0 0	0 0	1 0	3 2	8 3	27 17	50 26	28	44 32	0 1	161 97
-	rectosigmoid junction,	F	0	0	0	0	2 1	7	7	20		13	0	54
5	rectum, anus and anal	-									6			
	canal (C19-C21)	Т	0	0	0	0	3	10	24	46	22	45	1	151
_	Malignant neoplasm of	M	0	0	0	2	1	10	48	109	83	108	0	361
6	liver and intrahepatic bile ducts (C22)	F	0	2	0	0	0	2	10	18	16	27	0	75
		T	0 0	2	0	2	1	12	58	127	99	135	0	436
7	Malignant neoplasm of	M F	0	0		0	1	3	15	27	15	12	0	73 45
1	pancreas (C25)	Г Т	0	0	0	0	0	1 4	14 29	15 42	4 19	11 23	0	45 118
		л М	0	0	0	0	0	4	29 7	42 13	5	23 7	0	36
8	Other malignant neoplasms of digestive	F	0	0	0	0	0	4	7	5	9	12	0	36
U	organs (C23-C24, C26)	T T	0	0	0	0	0	7	14	18	14	12 19	0	72
10	Malignant neoplasms of respiratory and	M F	0	0	0	2	0	16 19	113 31	238 45	184 23	214 31	0	767 154
	intrathoracic organs (C30-C39)	T	0	0	0	2	5	35	144	283	2 07	245	0	921
		М	0	0	0	0	0	3	12	22	19	21	0	77
1	Malignant neoplasm of	F	0	0	0	0	0	0	0	1	19	0	0	2
	larynx (C32)	T T	0	0	0	0	0	3	12	23	¹ 20	21	0	2 79
		I	U	v	U	v	v	5	12	23	20	41	U	19

Mai					•	-	А	GE GR	OUPS					
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Malignant neoplasm of	Μ	0	0	0	2	0	11	99	215	165	192	0	684
2	trachea, bronchus and	F	0	0	0	0	5	18	31	44	21	30	0	149
	lung (C33-C34)	Т	0	0	0	2	5	29	130	259	186	222	0	833
	Other malignant	Μ	0	0	0	0	0	2	2	1	0	1	0	6
3	neoplasm of respiratory and intrathoracic organs	F	0	0	0	0	0	1	0	0	1	1	0	3
	(C30-C31, C37-C39)	Т	0	0	0	0	0	3	2	1	1	2	0	9
	Malignant neoplasms	М	0	1	3	5	6	0	5	14	3	11	2	50
11	of bone, mesothelial and soft tissue, skin	F	1	1	0	4	10	55	136	125	64	57	3	456
	and breast (C40-C50)	Т	1	2	3	9	16	55	141	139	67	68	5	506
	Malignant neoplasm of	Μ	0	0	2	3	1	0	0	2	0	0	0	8
1	bone and articular	F	0	1	0	2	0	2	1	3	3	2	0	14
	cartilage (C40-C41)	Т	0	1	2	5	1	2	1	5	3	2	0	22
	Malianant malanama of	Μ	0	0	0	0	0	0	0	1	0	2	0	3
2	Malignant melanoma of skin (C43)	F	0	0	0	0	0	0	0	2	2	1	1	6
		Т	0	0	0	0	0	0	0	3	2	3	1	9
	Other malignant	Μ	0	0	0	0	1	0	0	0	0	2	0	3
3	neoplasms of skin (C44)	F	0	0	0	0	0	0	0	0	0	0	0	0
	1 ()	Т	0	0	0	0	1	0	0	0	0	2	0	3
	Malignant neoplasms of	Μ	0	1	1	2	4	0	5	9	3	6	2	33
4	mesothelial and soft $f(C_{45}, C_{40})$	F	1	0	0	1	2	0	6	6	6	3	0	25
	tissue (C45-C49)	T	1	1	1	3	6	0	11	15	9	9	2	58
F	Malignant neoplasm of	M	0	0	0	0	0	0	0	2	0	1	0	3
5	breast (C50)	F T	0	0	0	1	8	53	129	114	53	51	2	411
			0	0	0	1	8	53	129	116	53	52	2	414
12	Malignant neoplasms of genitourinary organs	M F	0	0	0	2	5 6	5 21	11 64	49 83	61 44	130 78	0	263 297
١Z	(C51-C68)	T T	0	0	0	3	11	21 26	75	132	105	208	0	560
	Malignant neoplasm of	F	0	0	0	0	0	9	21	23	9	200	0	83
1	cervix uteri (C53)	T	0	0	0	0	0	9	21	23	9	21	0	83
	Malignant neoplasm of	F	0	0	0	0	0	0	7	18	11	12	0	48
2	other and unspecified parts of uterus (C54-C55)	Т	0	0	0	0	0	0	7	18	11	12	0	48
3	Malignant neoplasm of	F	0	0	0	1	5	11	31	38	20	32	0	138
U	ovary (C56)	Т	0	0	0	1	5	11	31	38	20	32	0	138
4	Malignant neoplasm of	F	0	0	0	0	0	0	0	0	0	0	0	0
1	placenta (C58)	Т	0	0	0	0	0	0	0	0	0	0	0	0
5	Other malignant neoplasms of female	F	0	0	0	0	0	0	1	0	0	1	0	2
L	genital organs (C51-C52, C57)	Т	0	0	0	0	0	0	1	0	0	1	0	2

Mai					-		А	GE GR	OUPS				_	
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
6	Malignant neoplasm of	М	0	0	0	0	0	0	1	19	32	81	0	133
0	prostate (C61)	Т	0	0	0	0	0	0	1	19	32	81	0	133
7	Other malignant neoplasms of male genital organs (C60, C62-C63)	М Т	0 0	0 0	0 0	2 2	2 2	1 1	1 1	1 1	2 2	0	0 0	9 9
	Malianant naanlaam of	Μ	0	0	0	0	1	2	5	21	18	30	0	77
8	Malignant neoplasm of bladder (C67)	F	0	0	0	0	0	1	2	1	3	7	0	14
		Т	0	0	0	0	1	3	7	22	21	37	0	91
	Other malignant	Μ	0	0	0	0	2	2	4	8	9	19	0	44
9	neoplasms of urinary	F	0	0	0	0	1	0	2	3	1	5	0	12
	tract (C64-C66, C68)	Т	0	0	0	0	3	2	6	11	10	24	0	56
	Malignant neoplasms	М	0	1	6	4	4	8	7	13	5	2	0	50
13	of eye, brain and other parts of central nervous system (C69-C72)	F T	0	2 3	6 12	1 5	1 5	3 11	5 12	5 18	3 8	2 4	0 0	28 78
		Μ	0	0	0	1	0	0	0	0	1	0	0	2
1	Malignant neoplasm of eye & adnexa (C69)	F	0	0	0	0	0	0	0	0	0	0	0	0
	eye & autiexa (C09)	Т	0	0	0	1	0	0	0	0	1	0	0	2
	Malignant neoplasm of	Μ	0	1	6	3	4	8	7	13	4	2	0	48
2	meninges, brain and other parts of central nervious system	F T	0	2 3	6 12	1 4	1 5	3 11	5 12	5 18	3 7	2 4	0	28 76
	(C70-C72)				_		_	45	10	= 2	24	50		201
	Malignant neoplasms of other and	М	1	2	5	3	5	15	13	73	31	53	0	201
14	unspecified sites	F	1	2	5	2	10	25	52	49	38	35	0	219
	(C73-C80 & C97)	Т	2	4	10	5	15	40	65	122	69	88	0	420
	Malignant neoplasm of other, ill-defined,	М	1	2	5	3	5	15	13	73	31	53	0	201
1	secondary, unspecified and multiple sites (C73-C80 & C97)	F T	1 2	2 4	5 10	2 5	10 15	25 40	52 65	49 122	38 69	35 88	0 0	219 420
	Malignant neoplasms	М	2	10	25	32	27	54	85	100	61	100	1	497
15	of lymphoid, haematopoietic and related tissue	F	1	11	17	15	17	38	64	76	40	59	1	339
	(C81-C96)	Т	3	21	42	47	44	92	149	176	101	159	2	836
		М	0	0	2	2	0	2	2	6	2	3	0	19
1	Hodgkin's disease (C81)	F	0	0	0	2	0	1	1	0	2	1	0	7
		Т	0	0	2	4	0	3	3	6	4	4	0	26
	Non Hod-birt	М	0	0	5	4	11	16	25	40	26	30	0	157
2	Non-Hodgkin's lymphoma (C82-C85)	F	0	0	0	1	6	13	21	21	8	19	0	89
	, r	Т	0	0	5	5	17	29	46	61	34	49	0	246

MCI				•			А	GE GR	OUPS					L
M.G/ 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
	Multiple myeloma and	Μ	0	0	1	1	0	4	14	22	15	38	0	95
3	malignant plasma cell	F	0	0	0	0	1	2	9	24	14	17	0	67
	neoplasms (C90)	Т	0	0	1	1	1	6	23	46	29	55	0	162
		Μ	2	8	17	25	16	32	43	30	18	28	1	220
4	Leukaemia (C91-C95)	F	1	11	17	12	10	20	32	31	14	21	1	170
		Т	3	19	34	37	26	52	75	61	32	49	2	390
	Other malignant neoplasms of lymphoid,	М	0	2	0	0	0	0	1	2	0	1	0	6
5	haematopoietic and related tissue	F	0	0	0	0	0	2	1	0	2	1	0	6
	(C88 & C96)	Т	0	2	0	0	0	2	2	2	2	2	0	12
	Carcinoma in situ	Μ	0	0	0	0	0	0	0	1	1	0	0	2
16	(D00-D09)	F	0	0	0	1	0	0	1	0	0	0	0	2
	(200 200)	Т	0	0	0	1	0	0	1	1	1	0	0	4
	Carcinoma in situ	Μ	0	0	0	0	0	0	0	1	1	0	0	2
1	(D00-D09)	F	0	0	0	1	0	0	1	0	0	0	0	2
		Т	0	0	0	1	0	0	1	1	1	0	0	4
	Panion neenlaame	Μ	1	1	0	1	1	2	5	6	7	8	0	32
17	Benign neoplasms (D10-D36)	F	0	0	1	0	3	1	4	4	4	11	1	29
	`	Т	1	1	1	1	4	3	9	10	11	19	1	61
1	Leiomyoma of uterus (D25)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
	All other benign	Μ	1	1	0	1	1	2	5	6	7	8	0	32
2	neoplasms	F	0	0	1	0	3	1	4	4	4	11	1	29
	(D10-D24 & D26-D36)	Т	1	1	1	1	4	3	9	10	11	19	1	61
		Μ	0	0	1	1	0	0	5	3	4	11	0	25
18	Other and unspecified neoplasm (D37-D48)	F	0	0	0	0	2	0	2	5	1	2	0	12
		Т	0	0	1	1	2	0	7	8	5	13	0	37
		М	0	0	1	1	0	0	5	3	4	11	0	25
1	Other and unspecified neoplasm (D37-D48)	F	0	0	0	0	2	0	2	5	1	2	0	12
		Т	0	0	1	1	2	0	7	8	5	13	0	37
	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND	М	4	5	11	8	11	16	20	24	17	55	0	171
<i>III.</i>	CERTAIN DISORDERS INVOLVING THE	F	4	9	10	6	5	9	13	22	20	78	0	176
	IMMUNE MECHANISM (D50-D89)	Т	8	14	21	14	16	25	33	46	37	133	0	347

M.G/							А	GE GR	OUPS					Г
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
	Diseases of the blood and blood-forming	Μ	4	5	11	8	11	16	20	24	17	55	0	171
19	organs and certain disorders involving the	F	4	9	10	6	5	9	13	22	20	78	0	176
	immune mechanism (D50-D89)	Т	8	14	21	14	16	25	33	46	37	133	0	347
		М	0	0	0	0	0	0	0	0	1	0	0	1
1	Thalassaemia (D56)	F	0	0	0	0	0	0	0	0	1	1	0	2
		Т	0	0	0	0	0	0	0	0	2	1	0	3
	Other anaemias	М	0	3	5	3	3	3	14	16	8	38	0	93
2	(D50-D55, D57-D64)	F	1	3	3	4	3	6	9	16	12	64	0	121
	(,,	Т	1	6	8	7	6	9	23	32	20	102	0	214
	All other diseases of	М	0	2	5	5	8	13	4	7	8	17	0	69
3	blood and blood-forming	F	2	4	5	2	2	3	4	6	7	13	0	48
	organs (D65-D76)	Т	2	6	10	7	10	16	8	13	15	30	0	117
	Certain disorders	М	4	0	1	0	0	0	2	1	0	0	0	8
4	involving the immune	F	1	2	2	0	0	0	0	0	0	0	0	5
	mechanism (D80-D89)	Т	5	2	3	0	0	0	2	1	0	0	0	13
	ENDOCRINE,	М	8	4	10	2	21	69	302	594	404	856	1	2271
IV.	NUTRITIONAL AND METABOLIC	F	4	2	6	6	12	63	198	402	292	780	0	1765
	DISEASES (E00-E89)	Т	12	6	16	8	33	132	500	996	696	1636	1	4036
		М	3	1	3	0	0	0	0	1	0	0	0	8
20	Malnutrition (E40-E46)	F	1	0	1	0	0	1	0	1	0	1	0	5
		Т	4	1	4	0	0	1	0	2	0	1	0	13
		М	0	0	0	0	0	0	0	0	0	0	0	0
1	Kwashiorkor (E40)	F	1	0	0	0	0	0	0	0	0	0	0	1
		Τ	1	0	0	0	0	0	0	0	0	0	0	1
	Nutritional marasmus	М	0	0	0	0	0	0	0	0	0	0	0	0
2	(E41)	F	0	0	1	0	0	0	0	0	0	0	0	1
		Т	0	0	1	0	0	0	0	0	0	0	0	1
	Other protein-energy	Μ	3	1	3	0	0	0	0	1	0	0	0	8
3	malnutrition (E42-E46)	F	0	0	0	0	0	1	0	1	0	1	0	3
	, ,	Т	3	1	3	0	0	1	0	2	0	1	0	11
	Endocrine, other	Μ	5	3	7	2	21	69	302	593	404	856	1	2263
21	nutritional and metabolic diseases	F	3	2	5	6	12	62	198	401	292	779	0	1760
	(E00-E34 & E50-E89)	Т	8	5	12	8	33	131	500	994	696	1635	1	4023
	Disorders of thyroid	Μ	0	0	0	0	0	0	0	0	0	1	0	1
1	gland (E00-E07)	F	0	0	0	0	2	1	1	2	1	1	0	8
		Т	0	0	0	0	2	1	1	2	1	2	0	9

							А	GE GR	OUPS					. 1
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Diabetes mellitus	Μ	0	0	1	0	18	62	281	571	381	765	0	2079
2	(E10-E14)	F	0	0	3	5	9	54	186	381	274	673	0	1585
		Т	0	0	4	5	27	116	467	952	655	1438	0	3664
	All other nutritional	Μ	0	0	0	0	0	0	1	0	0	2	0	3
3	deficiencies (E50-E64)	F	0	0	0	0	0	0	1	0	0	1	0	2
		Τ	0	0	0	0	0	0	2	0	0	3	0	5
	All other endocrine and	Μ	5	3	6	2	3	7	20	22	23	88	1	180
4	metabolic diseases	F	3	2	2	1	1	7	10	18	17	104	0	165
	(E15-E34 & E65-E89)	Т	8	5	8	3	4	14	30	40	40	192	1	345
	MENTAL AND	М	0	0	0	0	1	2	3	1	1	2	0	10
V.	BEHAVIOURAL DISORDERS (F01-	F	0	0	0	0	0	0	0	1	0	3	0	4
	<i>F99</i>)	Т	0	0	0	0	1	2	3	2	1	5	0	14
	Mental and	Μ	0	0	0	0	1	2	3	1	1	2	0	10
22	behavioural disorders	F	0	0	0	0	0	0	0	1	0	3	0	4
	(F01-F99)	Τ	0	0	0	0	1	2	3	2	1	5	0	14
	Mental and behavioural	Μ	0	0	0	0	1	1	2	1	1	0	0	6
1	disorders due to psychoactive substance	F	0	0	0	0	0	0	0	0	0	1	0	1
	use (F10-F19)	Т	0	0	0	0	1	1	2	1	1	1	0	7
	Schizophrenia,	М	0	0	0	0	0	1	1	0	0	0	0	2
2	schizotypal & delusional	F	0	0	0	0	0	0	0	1	0	0	0	1
	disorders (F20-F29)	Т	0	0	0	0	0	1	1	1	0	0	0	3
	All other mental and	М	0	0	0	0	0	0	0	0	0	2	0	2
3	behavioural disorders	F	0	0	0	0	0	0	0	0	0	2	0	2
	(F01-F09, F30-F99)	Т	0	0	0	0	0	0	0	0	0	4	0	4
	DISEASES OF THE	M	19	18	17	25	17	15	29	41	25	62	0	268
И.	NERVOUS SYSTEM (G00-G98)	F	13	16	22	14	10	19	22	24	21	64	0	225
	· · ·	T M	32 5	34	39 8	39 5	27 6	34 5	51 8	65 8	46 3	126	0	493 57
23	Inflammatory diseases of the central nervous	F	5	7	5	4	2	4	8	6	4	6	0	51
20	system (G00-G09)	T	10	14	13	9	8	9	16	14	7	8	0	108
		Μ	4	2	1	4	2	3	3	6	0	1	0	26
1	Meningitis (G00 & G03)	F	5	0	4	0	1	2	5	1	3	2	0	23
		Т	9	2	5	4	3	5	8	7	3	3	0	49
		М	1	5	6	1	4	2	5	2	2	1	0	29
2	Encephalitis, myelitis and encephalomyelitis (G04)	F	0	5	1	4	1	2	3	4	1	4	0	25
	encephaioinyenus (004)	Т	1	10	7	5	5	4	8	6	3	5	0	54
	Other inflammatory	М	0	0	1	0	0	0	0	0	1	0	0	2
3	diseases of the central	F	0	2	0	0	0	0	0	1	0	0	0	3
	nervous system (G06, G08-G09)	Т	0	2	1	0	0	0	0	1	1	0	0	5

							А	GE GR	OUPS					. 1
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Other diseases of the	М	14	11	9	20	11	10	21	33	22	60	0	211
24	nervous system	F	8	9	17	10	8	15	14	18	17	58	0	174
	(G10-G98)	Т	22	20	26	30	19	25	35	51	39	118	0	385
	Alzheimer's disease	М	0	0	0	0	1	0	0	0	0	2	0	3
1	(G30)	F	0	0	0	0	0	0	0	0	1	3	0	4
		Т	0	0	0	0	1	0	0	0	1	5	0	7
_		М	2	5	1	1	1	1	2	0	2	0	0	15
2	Epilepsy (G40-G41)	F	1	3	3	3	3	0	2	2	0	2	0	19
		Т	3	8	4	4	4	1	4	2	2	2	0	34
	All other diseases of the	М	12	6	8	19	9	9	19	33	20	58	0	193
3	nervous system (G10-G25, G31, G35-	F	7	6	14	7	5	15	12	16	16	53	0	151
	G37, G43-G98)	Т	19	12	22	26	14	24	31	49	36	111	0	344
	DISEASES OF THE	Μ	0	0	1	0	0	0	0	1	0	1	0	3
VII.	EYE AND ADNEXA	F	0	0	0	0	0	0	0	0	0	0	0	0
	<i>(H00-H59)</i>	Т	0	0	1	0	0	0	0	1	0	1	0	3
	D'anna Calana an 1	Μ	0	0	1	0	0	0	0	1	0	1	0	3
25	Disease of the eye and adnexa (H00-H59)	F	0	0	0	0	0	0	0	0	0	0	0	0
	adilexa (1100-1157)	Т	0	0	1	0	0	0	0	1	0	1	0	3
		Μ	0	0	1	0	0	0	0	1	0	1	0	3
1	Disease of the eye and adnexa (H00-H59)	F	0	0	0	0	0	0	0	0	0	0	0	0
	acificxa (1100-1157)	Т	0	0	1	0	0	0	0	1	0	1	0	3
	DISEASES OF THE	Μ	0	0	0	0	0	0	0	0	0	0	0	0
VIII.	EAR AND MASTOID	F	0	0	0	0	0	0	0	0	0	0	0	0
	PROCESS (H60-H95)	Τ	0	0	0	0	0	0	0	0	0	0	0	0
	Diseases of the ear and	Μ	0	0	0	0	0	0	0	0	0	0	0	0
26	mastoid process	F	0	0	0	0	0	0	0	0	0	0	0	0
	(H60-H93)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Diseases of the ear and	Μ	0	0	0	0	0	0	0	0	0	0	0	0
1	mastoid process	F	0	0	0	0	0	0	0	0	0	0	0	0
	(H60-H93)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	DISEASES OF THE	Μ	0	0	4	31	60	192	567	1086	771	2421	3	5135
IX.	CIRCULATORY	F	0	1	10	14	29	86	290	582	475	2014	1	3502
	SYSTEM (100-199)	Т	0	1	14	45	89	278	857	1668	1246	4435	4	8637
	Acute rheumatic fever	Μ	0	0	1	4	2	3	11	11	1	6	0	39
27	and chronic rheumatic	F	0	0	0	0	3	6	21	27	9	13	0	79
	heart diseases (I00-I09)	Т	0	0	1	4	5	9	32	38	10	19	0	118
	Acute rheumatic fever	М	0	0	0	0	0	0	0	0	0	0	0	0
1	(I00-I02)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0

Report on Medical Certification of Cause of Death 2018

Mai				-	-	-	A	GE GR	OUPS				-	
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Μ	0	0	1	4	2	3	11	11	1	6	0	39
2	Chronic rheumatic heart diseases (I05-I09)	F	0	0	0	0	3	6	21	27	9	13	0	79
		Т	0	0	1	4	5	9	32	38	10	19	0	118
	II	Μ	0	0	0	0	4	11	51	121	99	241	0	527
28	Hypertensive diseases (I10-I15)	F	0	0	1	0	0	3	33	71	59	295	0	462
	(110 110)	Т	0	0	1	0	4	14	84	192	158	536	0	989
	Live outoe size hoout	Μ	0	0	0	0	1	8	39	95	68	186	0	397
1	Hypertensive heart disease (I11)	F	0	0	1	0	0	2	25	48	47	239	0	362
		Т	0	0	1	0	1	10	64	143	115	425	0	759
	All other have automaired	Μ	0	0	0	0	3	3	12	26	31	55	0	130
2	All other hypertensive diseases (I10, I12-I15)	F	0	0	0	0	0	1	8	23	12	56	0	100
	(110,112 110)	Т	0	0	0	0	3	4	20	49	43	111	0	230
	Ischaemic heart	Μ	0	0	0	3	9	58	188	419	327	1253	0	2257
29	diseases (I20-I25)	F	0	0	0	1	1	14	63	222	197	773	0	1271
		Т	0	0	0	4	10	72	251	641	524	2026	0	3528
	A puto muo condial	Μ	0	0	0	1	1	23	42	97	- 90	139	0	393
1	Acute myocardial infarction (I21-I22)	F	0	0	0	0	0	4	12	47	35	175	0	273
		Т	0	0	0	1	1	27	54	144	125	314	0	666
	All other ischaemic heart	Μ	0	0	0	2	8	35	146	322	237	1114	0	1864
2	diseases (I20 & I23-I25)	F	0	0	0	1	1	10	51	175	162	598	0	998
		Т	0	0	0	3	9	45	197	497	399	1712	0	2862
	Diseases of pulmonary circulation and other	М	0	0	2	7	10	34	57	134	63	180	1	488
30	forms of heart disease	F	0	1	3	5	13	23	43	59	43	190	0	380
	(I26-I51)	Τ	0	1	5	12	23	57	100	193	106	370	1	868
	Pulmonary heart disease	Μ	0	0	0	1	1	2	5	13	3	6	0	31
1	and diseases of pulmonary circulation	F	0	0	0	2	8	6	8	6	3	11	0	44
	(I26-I28)	Т	0	0	0	3	9	8	13	19	6	17	0	75
		Μ	0	0	2	6	9	32	52	121	60	174	1	457
2	Other forms of heart diseases (I30-I51)	F	0	1	3	3	5	17	35	53	40	179	0	336
	diseases (150-151)	Т	0	1	5	9	14	49	87	174	100	353	1	793
		Μ	0	0	1	13	32	78	243	372	256	679	2	1676
31	Cerebrovascular diseases (160-169)	F	0	0	3	7	10	36	123	191	159	719	1	1249
	uiscases (100-107)	Т	0	0	4	20	42	114	366	563	415	1398	3	2925
		Μ	0	0	1	13	32	78	243	372	256	679	2	1676
1	Cerebrovascular diseases (I60-I69)	F	0	0	3	7	10	36	123	191	159	719	1	1249
		Т	0	0	4	20	42	114	366	563	415	1398	3	2925
	Other diseases of the	Μ	0	0	0	4	3	8	17	29	25	62	0	148
32	circulatory system	F	0	0	3	1	2	4	7	12	8	24	0	61
	(I70-I99)	Т	0	0	3	5	5	12	24	41	33	86	0	209

MGI				-			А	GE GR	OUPS			•		
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		М	0	0	0	0	0	0	0	0	0	0	0	0
1	Atherosclerosis (I70)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
		М	0	0	0	1	1	0	1	1	0	1	0	5
2	Arterial embolism and thrombosis (I74)	F	0	0	0	0	0	0	1	1	0	1	0	3
		Т	0	0	0	1	1	0	2	2	0	2	0	8
	Other diseases of	Μ	0	0	0	1	1	3	14	23	21	47	0	110
3	arteries, arterioles & capillaries	F	0	0	2	1	1	3	4	7	6	18	0	42
	(I71-I73 & I77-I78)	Т	0	0	2	2	2	6	18	30	27	65	0	152
	Phlebitis,	М	0	0	0	1	1	1	1	3	2	8	0	17
4	thrombophlebitis, venous embolism and	F	0	0	1	0	1	1	1	1	2	5	0	12
	thrombosis (I80-I82)	Т	0	0	1	1	2	2	2	4	4	13	0	29
	All other diseases of the	Μ	0	0	0	1	0	4	1	2	2	6	0	16
5	circulatory system	F	0	0	0	0	0	0	1	3	0	0	0	4
	(I83-I99)	Т	0	0	0	1	0	4	2	5	2	6	0	20
	DISEASES OF THE	Μ	19	11	5	15	27	49	145	382	365	1014	9	2041
X.	RESPIRATORY	F	5	8	11	9	18	38	85	146	152	575	2	1049
	SYSTEM (J00-J98)	Т	24	19	16	24	45	87	230	528	517	1589	11	3090
	Diseases of the upper	Μ	0	0	0	0	0	0	0	2	0	0	0	2
33	respiratory tract	F	0	0	0	0	0	0	0	0	0	0	0	0
	(J00-J06 & J30-J39)	Т	0	0	0	0	0	0	0	2	0	0	0	2
		М	0	0	0	0	0	0	0	0	0	0	0	0
1	Acute pharyngitis and acute tonsillitis (J02-J03)	F	0	0	0	0	0	0	0	0	0	0	0	0
	acute tonsmitis (102-105)	Т	0	0	0	0	0	0	0	0	0	0	0	0
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
2	Acute laryngitis and tracheitis (J04)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Τ	0	0	0	0	0	0	0	0	0	0	0	0
	Other acute upper	Μ	0	0	0	0	0	0	0	0	0	0	0	0
3	respiratory infections	F	0	0	0	0	0	0	0	0	0	0	0	0
	(J00-J01 & J05-J06)	Τ	0	0	0	0	0	0	0	0	0	0	0	0
	All other diseases of	Μ	0	0	0	0	0	0	0	2	0	0	0	2
4	upper respiratory tract	F	0	0	0	0	0	0	0	0	0	0	0	0
	(J30-J39)	Τ	0	0	0	0	0	0	0	2	0	0	0	2
	Lower respiratory	Μ	0	0	0	3	5	16	96	308	303	846	9	1586
34	diseases	F	0	0	1	3	5	16	40	87	104	390	2	648
	(J20-J22 & J40-J47)	Т	0	0	1	6	10	32	136	395	407	1236	11	2234
	Acute bronchitis and	Μ	0	0	0	0	0	0	0	0	0	0	0	0
1	acute bronchiolitis	F	0	0	0	0	0	0	0	0	0	0	0	0
	(J20-J21)	Τ	0	0	0	0	0	0	0	0	0	0	0	0

MGU				-			А	GE GR	OUPS		•		-	L
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Bronchitis, chronic and	Μ	0	0	0	0	0	0	1	0	0	1	0	2
2	unspecified, emphysema	F	0	0	0	0	0	0	0	1	0	2	0	3
	(J40-J43)	Т	0	0	0	0	0	0	1	1	0	3	0	5
		Μ	0	0	0	0	1	1	3	3	3	15	0	26
3	Asthma (J45-J46)	F	0	0	0	0	0	2	6	8	8	38	0	62
		Т	0	0	0	0	1	3	9	11	11	53	0	88
	Other lower respiratory	Μ	0	0	0	3	4	15	92	305	300	830	9	1558
4	disorders (J22, J44 & J47)	F	0	0	1	3	5	14	34	78	96	350	2	583
	0,5,5,7	Т	0	0	1	6	9	29	126	383	396	1180	11	2141
	Other diseases of the	М	19	11	5	12	22	33	49	72	62	168	0	453
35	respiratory system	F	5	8	10	6	13	22	45	59	48	185	0	401
	(J10-J18, J60-J98)	Τ	24	19	15	18	35	55	94	131	110	353	0	854
		Μ	0	2	0	0	1	0	0	2	1	0	0	6
1	Influenza (J10-J11)	F	0	1	0	0	2	3	0	3	1	0	0	10
		Τ	0	3	0	0	3	3	0	5	2	0	0	16
_		Μ	15	7	4	5	3	12	30	28	21	67	0	192
2	Pneumonia (J12-J18)	F	5	3	8	3	5	9	15	18	17	67	0	150
		Т	20	10	12	8	8	21	45	46	38	134	0	342
-		М	2	1	0	0	2	0	0	2	3	10	0	20
3	Pleurisy (J90)	F	0	1	0	0	0	1	3	0	5	7	0	17
		T	2	2	0	0	2	1	3	2	8	17	0	37
,	All other diseases of the	M	2	1	1	7	16	21	19	40	37	91	0	235
4	respiratory system (J60-J86, J92-J98.)	F	0	3	2	3	6	9	27	38	25	111	0	224
		T	2	4	3	10	22	30	46	78	62	202	0	459
VI	DISEASES OF THE	M F	0	2	3	13	41	177	401	462	202	241	2	1544
XI.	DIGESTIVE SYSTEM (K00-K92)	г Т	2 2	1 3	7	7	7	24	48	107	62	185	0 2	450
	· · · ·	л М	0	3	10	20	48 0	201	449	569	264	426	0	1994
36	Diseases of oral cavity, salivary glands and	F	0	0	0	0	0	1	0	0	0	1	0	2
20	jaws (K00-K14)	T T	0	0	0	0	0	1 1	0	1	0	1 1	0	3
		M	0	0	0	0	0	0	0	1	0	0	0	1
1	Diseases of oral cavity, salivary glands and jaws	F	0	0	0	0	0	1	0	0	0	1	0	2
I	(K00-K14)	T	0	0	0	0	0	1	0	1	0	1	0	3
	·	M	0	2	3	13	41	177	401	461	202	241	2	1543
	Diseases of the other		-											
37	parts of digestive system (K20-K92)	F	2	1	7	7	7	23	48	107	62	184	0	448
		Т	2	3	10	20	48	200	449	568	264	425	2	1991
4	Gastric and duodenal	M	0	0	0	0	0	0	1	2	0	1	0	4
I	ulcer (K25-K27)	F	0	0	0	0	0	0	0	0	0	1	0	1
		Τ	0	0	0	0	0	0	1	2	0	2	0	5

MCI				•	1	1	A	GE GR	OUPS		1			د.
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	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
	Castritia and days lowitin	М	0	0	0	0	0	0	0	0	0	0	0	0
2	Gastritis and duodenitis (K29)	F	0	0	0	0	0	0	0	0	0	0	0	0
	(122)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Discours of appondix	Μ	0	0	0	0	0	0	0	0	0	1	0	1
3	Diseases of appendix (K35-K38)	F	0	0	0	0	0	0	0	0	0	0	0	0
	()	Т	0	0	0	0	0	0	0	0	0	1	0	1
		Μ	0	0	0	0	0	0	2	3	1	1	0	7
4	Hernia (K40-K46)	F	0	0	0	0	0	0	0	1	0	4	0	5
		Т	0	0	0	0	0	0	2	4	1	5	0	12
	Paralytic ileus and	Μ	0	1	0	0	2	3	4	4	1	9	1	25
5	intestinal obstruction	F	0	0	0	0	0	0	2	2	1	16	0	21
	without hernia (K56)	Т	0	1	0	0	2	3	6	6	2	25	1	46
		Μ	0	0	0	0	0	1	1	5	2	2	0	11
6	Peritonitis (K65)	F	0	0	0	0	1	1	0	3	1	2	0	8
		Τ	0	0	0	0	1	2	1	8	3	4	0	19
	Diseases of the liver	Μ	0	0	1	7	24	144	351	395	170	168	1	1261
7	(K70-K76)	F	0	1	5	5	4	16	37	90	43	105	0	306
	· · · ·	Τ	0	1	6	12	28	160	388	485	213	273	1	1567
	Cholelithiasis and	Μ	0	0	0	0	1	0	0	0	1	4	0	6
8	cholecystitis (K80-K81)	F	0	0	0	0	0	0	0	0	1	4	0	5
		Τ	0	0	0	0	1	0	0	0	2	8	0	11
_	Disorders of the	Μ	0	0	1	2	7	12	11	7	6	4	0	50
9	pancreas	F	0	0	0	1	0	2	1	2	1	7	0	14
	All other diseases of the other parts of digestive	T M	0 0	0	1	3	7 7	14 17	12 31	9 45	7 21	11 51	0	64 178
10	system (K20-K22, K28, K30-	F	2	0	2	1	2	4	8	9	15	45	0	88
	K31, K50-K55, K57- K63, K66, K82-K83 & K90-K92)	Т	2	1	3	5	9	21	39	54	36	96	0	266
		Μ	0	0	1	2	1	2	9	9	4	9	0	37
	DISEASES OF THE SKIN AND	F	0	0	1	0	0	3	3	6	1	9	0	23
XII.	SUBCUTANEOUS TISSUE (L00-L98)	Т	0	0	2	2	1	5	12	15	5	18	0	60
	Diseases of the skin	М	0	0	1	2	1	2	9	9	4	9	0	37
38	and subcutaneous	F	0	0	1	0	0	3	3	6	1	9	0	23
	tissue (L00-L98)	Т	0	0	2	2	1	5	12	15	5	18	0	60
	Infections of the skin and	М	0	0	1	0	1	1	5	6	3	7	0	24
1	subcutaneous tissue (L00-L08)	F	0	0	0	0	0	0	1	4	0	7	0	12
		Τ	0	0	1	0	1	1	6	10	3	14	0	36

							A	GE GR	OUPS					
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	All other diseases of the	Μ	0	0	0	2	0	1	4	3	1	2	0	13
2	skin and subcutaneous	F	0	0	1	0	0	3	2	2	1	2	0	11
	tissue (L10-L98)	Т	0	0	1	2	0	4	6	5	2	4	0	24
	DISEASES OF THE	Μ	0	0	1	0	3	8	11	11	4	18	0	56
VIII	MUSCULOSKELETA L SYSTEM AND	F	0	0	2	7	11	8	17	7	7	24	0	83
XIII.	CONNECTIVE TISSUE (M00-M99)	Т	0	0	3	7	14	16	28	18	11	42	0	139
	Diseases of the	Μ	0	0	1	0	3	8	11	11	4	18	0	56
39	musculoskeletal	F	0	0	2	7	11	8	17	7	7	24	0	83
	system and connective tissue (M00-M99)	Т	0	0	3	7	14	16	28	18	11	42	0	139
	Rheumatoid arthritis and	М	0	0	0	0	0	0	3	2	0	1	0	6
1	other inflammatory	F	0	0	0	0	0	2	4	2	2	0	0	10
	polyarthropathies (M05-M13)	Т	0	0	0	0	0	2	7	4	2	1	0	16
		М	0	0	0	0	1	0	0	1	0	0	0	2
2	Osteomyelitis (M86)	F	0	0	0	0	0	0	0	0	0	1	0	1
		Τ	0	0	0	0	1	0	0	1	0	1	0	3
п	All other diseases of the musculoskeletal system	М	0	0	1	0	2	8	8	8	4	17	0	48
3	and connective tissue (M00-M02, M15-M85,	F	0	0	2	7	11	6	13	5	5	23	0	72
	(M00-M02, M13-M03, M87-M99)	Т	0	0	3	7	13	14	21	13	9	40	0	120
	DISEASES OF THE	Μ	0	2	2	13	26	63	180	381	228	502	3	1400
XIV.	GENITOURINARY	F	1	1	5	11	11	34	106	174	133	351	0	827
	SYSTEM (N00-N99)	Т	1	3	7	24	37	97	286	555	361	853	3	2227
	Diagona of uninger	Μ	0	2	2	13	26	63	176	378	225	501	3	1389
40	Diseases of urinary system (N00-N39)	F	1	1	5	10	11	34	103	173	133	348	0	819
		Т	1	3	7	23	37	97	279	551	358	849	3	2208
	Glomerular diseases	Μ	0	1	2	10	11	21	47	90	49	102	0	333
1	(including Nephritic	F	0	1	4	4	4	12	25	35	20	63	0	168
	Synodrome) (N00-N07)	Т	0	2	6	14	15	33	72	125	69	165	0	501
	Renal tubulo-interstitial	Μ	0	0	0	0	0	1	1	1	0	2	0	5
2	diseases (N10-N15)	F	0	0	0	0	0	0	0	1	1	3	0	5
	, , , , , , , , , , , , , , , , , , ,	Т	0	0	0	0	0	1	1	2	1	5	0	10
		Μ	0	1	0	3	15	40	124	275	171	369	3	1001
3	Renal failure (N17-N19)	F	0	0	1	6	4	19	69	130	97	221	0	547
		T	0	1	1	9	19	59	193	405	268	590	3	1548
	····	M	0	0	0	0	0	1	0	1	0	0	0	2
4	Urolithiasis (N20-N23)	F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	1	0	1	1	0	0	3
-	Other disorders of	M	0	0	0	0	0	0	0	1	0	1	0	2
5	kidney and ureter (N25-N28)	F	0	0	0	0	0	0	1	0	0	0	0	1
	(1123-1120)	Т	0	0	0	0	0	0	1	1	0	1	0	3

MG							А	GE GR	OUPS		•	•		د
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	All other diseases of	М	0	0	0	0	0	0	4	10	5	27	0	46
6	urinary system	F	1	0	0	0	3	3	8	7	14	61	0	97
	(N30-N39)	Т	1	0	0	0	3	3	12	17	19	88	0	143
	Other diseases of the	Μ	0	0	0	0	0	0	4	3	3	1	0	11
41	genitourinary system	F	0	0	0	1	0	0	3	1	0	3	0	8
	(N40-N99)	Т	0	0	0	1	0	0	7	4	3	4	0	19
1	Hyperplasia of prostate	Μ	0	0	0	0	0	0	0	1	0	1	0	2
	(N40)	T	0	0	0	0	0	0	0	1	0	1	0	2
2	All other diseases of male	M	0	0	0	0	0	0	4	2	3	0	0	9
	genital organs (N41-N50)	T	0	0	0	0	0	0	4	2	3	0	0	9
3	Salpingitis and oophoritis (N70)	F T	0	0	0	0	0	0	1	0	0	0 0	0	1 1
	All other diseases of	I F	0 0	0 0	0	1	0	0	1 2	1	0	3	0	7
4	female genital organs (N60-N64 & N71-N99)	T T	0	0	0	1	0	0	2	1	0	3	0	7
	PREGNANCY, Childbirth and	F	0	0	0	8	12	7	0	0	0	0	0	27
XV.	THE PUERPERIUM (000-099)	Т	0	0	0	8	12	7	0	0	0	0	0	27
	Pregnancy with	F	0	0	0	0	1	0	0	0	0	0	0	1
42	abortive outcome (O00-O08)	Т	0	0	0	0	1	0	0	0	0	0	0	1
1	Spontaneous abortion	F	0	0	0	0	0	0	0	0	0	0	0	0
I	(O03)	Τ	0	0	0	0	0	0	0	0	0	0	0	0
2	Medical abortion (O04)	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 pregnancies with abortive outcome	F	0	0	0	0	1	0	0	0	0	0	0	1
U	(O00-O02 & O05-O08)	Τ	0	0	0	0	1	0	0	0	0	0	0	1
43	Other direct obstetric	F	0	0	0	7	11	7	0	0	0	0	0	25
	deaths (O10-O92)	Т	0	0	0	7	11	7	0	0	0	0	0	25
	Oedema, proteinuria and hypertensive disorders in	F	0	0	0	3	1	2	0	0	0	0	0	6
I	pregnancy, childbirth and the puerperium (O10-O16)	Т	0	0	0	3	1	2	0	0	0	0	0	6
	Infections of	F	0	0	0	0	0	0	0	0	0	0	0	0
2	genitourinary tract in pregnancy (O23)	Т	0	0	0	0	0	0	0	0	0	0	0	0
3	Obstructed labour	F	0	0	0	0	0	0	0	0	0	0	0	0
IJ	(O64-O66)	Т	0	0	0	0	0	0	0	0	0	0	0	0
4	Complications pre- dominantly related to the	F T	0	0 0	0	2	3 3	3 3	0	0	0	0	0	8 8
	puerperium (O85-O92)	1	U	U	U	2	3	3	U	U	U	U	U	ð

MG														L
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
5	Other complications of pregnancy and delivery (O20-O22, O24-O63 & O67-O84)	F T	0	0 0	0 0	2 2	7 7	2 2	0	0	0	0 0	0 0	11 11
44	Other obstetric conditions, not elsewhere classified (O95-O99)	F T	0 0	0 0	0 0	1 1	0 0	1 1						
1	Indirect obstetric deaths (O98-O99)	F T	0	0	0	1 1	0	0	0	0	0	0	0	1 1
	All other obstetric	F	0	0	0	0	0	0	0	0	0	0	0	0
2	conditions, not elsewhere classified (O95-O97)	T	0	0	0	0	0	0	0	0	0	0	0	0
	CERTAIN CONDITIONS	М	417	0	0	0	0	0	0	0	0	0	0	417
ХИ.	ORIGINATING IN THE PERINATAL	F	313	0	0	0	0	0	0	0	0	0	0	313
	PERIOD (P00-P96)	Т	730	0	0	0	0	0	0	0	0	0	0	730
	Certain conditions	М	417	0	0	0	0	0	0	0	0	0	0	417
45	originating in the perinatal period	F	313	0	0	0	0	0	0	0	0	0	0	313
	(P00-P96)	Т	730	0	0	0	0	0	0	0	0	0	0	730
	Slow fetal growth, fetal	М	153	0	0	0	0	0	0	0	0	0	0	153
1	malnutrition and	F	134	0	0	0	0	0	0	0	0	0	0	134
	immaturity (P05-P07)	Т	287	0	0	0	0	0	0	0	0	0	0	287
		М	0	0	0	0	0	0	0	0	0	0	0	0
2	Birth trauma (P10-P15)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
	Hypoxia, birth asphyxia	М	129	0	0	0	0	0	0	0	0	0	0	129
3	and other respiratory	F	83	0	0	0	0	0	0	0	0	0	0	83
	conditions (P20-P28)	Τ	212	0	0	0	0	0	0	0	0	0	0	212
	Haemolytic disease of	М	0	0	0	0	0	0	0	0	0	0	0	0
4	fetus and new-born (P55)	F	2	0	0	0	0	0	0	0	0	0	0	2
		Т	2	0	0	0	0	0	0	0	0	0	0	2
	Other perinatal jaundice	М	3	0	0	0	0	0	0	0	0	0	0	3
5	(P58-P59)	F T	4	0	0	0	0	0 0	0 0	0	0	0	0	4 7
	All other conditions	М	132	0	0	0	0	0	0	0	0	0	0	132
6	originating in the perinatal period	F	90	0	0	0	0	0	0	0	0	0	0	90
	(P00-P04, P08, P29-P54, P56-P57, P60-P96.)	Т	222	0	0	0	0	0	0	0	0	0	0	222

M.G/							А	GE GR	OUPS					Г
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
	CONGENITAL MALFORMATIONS, DEFORMATIONS	М	224	24	20	6	7	3	5	1	1	1	0	292
ХИІ.	AND CHROMOSOMAL	F	182	16	13	5	6	5	1	2	0	0	0	230
	ABNORMALITIES (Q00-Q99)	Т	406	40	33	11	13	8	6	3	1	1	0	522
	Congenital malformations,	М	224	24	20	6	7	3	5	1	1	1	0	292
46	deformations and chromosomal abnormalities	F	182	16	13	5	6	5	1	2	0	0	0	230
	(Q00-Q99)	Т	406	40	33	11	13	8	6	3	1	1	0	522
		М	1	0	0	0	0	0	0	0	0	0	0	1
1	Spina bifida (Q05)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	1	0	0	0	0	0	0	0	0	0	0	1
	Congenital	М	108	7	6	3	4	2	2	1	0	0	0	133
2	malformations of the circulatory system	F	90	10	5	4	3	4	1	1	0	0	0	118
	(Q20-Q28)	Т	198	17	11	7	7	6	3	2	0	0	0	251
		М	1	0	0	0	0	0	0	0	0	0	0	1
3	Cleft lip and cleft palate (Q35-Q37)	F	3	0	0	0	0	0	0	0	0	0	0	3
	(Q35-Q37)	Т	4	0	0	0	0	0	0	0	0	0	0	4
	All other congenital malformations,	М	114	17	14	3	3	1	3	0	1	1	0	157
4	deformations and chromosomal abnormalities, not	F	89	6	8	1	3	1	0	1	0	0	0	109
	elsewhere classified (Q00-Q04, Q06-Q18, Q30-Q34 & Q38-Q99)	Т	203	23	22	4	6	2	3	1	1	1	0	266
	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND	М	9	3	8	68	79	100	139	174	82	179	7	848
XVIII.	LABORATORY FINDINGS, NOT ELSEWHERE	F	7	5	5	23	43	38	62	56	45	100	2	386
	CLASSIFIED (R00-R99)	Т	16	8	13	91	122	138	201	230	127	279	9	1234
	Symptoms, signs and abnormal clinical and	М	9	3	8	68	79	100	139	174	82	179	7	848
47	laboratory findings, not elsewhere classified (R00-R99)	F	7	5	5	23	43	38	62	56	45	100	2	386
	(100-1177)	Т	16	8	13	91	122	138	201	230	127	279	9	1234

M.G/							A	GE GR	OUPS					Т
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
		М	0	0	0	0	0	0	0	0	0	0	0	0
1	Abdominal and pelvic pain (R10)	F	0	0	0	0	0	0	0	0	0	0	0	0
	[]	Т	0	0	0	0	0	0	0	0	0	0	0	0
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
2	Ascites (R18)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Τ	0	0	0	0	0	0	0	0	0	0	0	0
-	Somnolence, stupor and	Μ	0	0	0	0	0	0	0	0	0	0	0	0
3	coma (R40)	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
,	Fever of unknown origin	M	0	0	0	0	0	0	0	0	0	0	0	0
4	(R50)	F T	0	0	0	0	0	0	0	2	0	0	0	2
			0	0	0	0	0	0	0	2	0	0	0	2
С	$S_{ap}(D = 4)$	M F	0	0	0	0	0	0	0	0	0	0 4	0	0
5	Senility (R54)	г Т	0	0	0	0	0	0	0	0	0	4	0	4 4
		М	0	0	0	0	0	0	0	0	0	4 0	0	4 0
6	Syncope and collapse	F	0	0	0	0	0	0	0	0	0	0	0	0
U	(R55)	T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	1	0	0	0	1	0	0	0	0	2
7	Convulsions, not	F	0	0	0	0	0	0	0	0	0	1	0	1
,	elsewhere classified (R56)	T	0	0	1	0	0	0	1	0	0	1	0	3
		М	0	0	0	0	0	0	0	4	3	4	0	11
8	Shock, not elsewhere	F	0	0	1	0	1	1	0	4	1	5	0	13
	classified (R57)	Т	0	0	1	0	1	1	0	8	4	9	0	24
	All other symptoms,	Μ	9	3	7	68	79	100	138	170	79	175	7	835
	signs and abnormal	F	7	5	4	23	42	37	62	50	44	90	2	366
9	clinical and laboratory findings, not elsewhere classified (R00-R09, R11- R17, R19-R39, R41-R49, R51-R53, R58-R99)	Т	16	8	11	91	121	137	200	220	123	265	9	1201
	INJURY, POISONING AND	М	1	8	18	101	100	138	163	153	54	91	1	828
XIX.	CERTAIN OTHER CONSEQUENCES OF EXTERNAL	F	2	6	9	38	44	43	59	36	16	73	0	326
	CAUSES (S00-T98)	Т	3	14	27	139	144	181	222	189	70	164	1	1154
	Fractures (S02, S12, S22, S32, S42,	М	0	0	1	10	12	6	11	7	6	6	0	59
48	\$52, \$62, \$72, \$82, \$92,	F	0	0	0	1	1	2	4	1	3	2	0	14
	T02, T08, T10 & T12)	Т	0	0	1	11	13	8	15	8	9	8	0	73

M.G/							А	GE GR	OUPS					L
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
		Μ	0	0	1	5	9	3	3	2	5	1	0	29
1	Fracture of skull and facial bones (S02)	F	0	0	0	1	0	1	3	1	2	0	0	8
	Taetai bolles (502)	Т	0	0	1	6	9	4	6	3	7	1	0	37
	Fracture of neck, thorax	Μ	0	0	0	3	1	1	2	1	0	1	0	9
2	or pelvis	F	0	0	0	0	0	0	0	0	1	0	0	1
	(S12, S22, S32 & T08)	T	0	0	0	3	1	1	2	1	1	1	0	10
3	Fracture of upper limb	M F	0	0	0	0	0	0	0	0	0	0	0	0
٥	(S42, S52, S62 & T10)	T T	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0
4	Fractures of lower limb (S72, S82, S92 & T12)	F	0	0	0	0	0	0	0	0	0	0	0	0
	, , , , , , , , , , , , , , , , , , ,	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Fractures involving multiple body regions,	M F	0	0	0	2	2	2	6	4	1 0	4	0	21 5
5	and of unspecified body region (T02)	T T	0	0	0	2	3	3	7	4	1	6	0	26
	Dislocations, sprains	М	0	0	0	0	0	0	0	1	0	0	0	1
	and strains of specified	F	0	0	0	0	0	0	0	0	0	0	0	0
49	and multiple body regions (S03, S13, S23, S33, S43, S53, S63, S73, S83, S93, T03)	Т	0	0	0	0	0	0	0	1	0	0	0	1
	Intracranial and internal injuries,	М	0	1	0	14	17	24	24	23	3	13	0	119
50	including nerves (S04, S06, S14, S24, S26-	F	0	0	1	2	4	3	6	8	2	8	0	34
	\$27, \$34, \$36-\$37, \$44, \$54, \$64, \$74, \$84&\$94)	Т	0	1	1	16	21	27	30	31	5	21	0	153
	Crushing injuries and traumatic amputations	М	0	0	0	0	0	0	0	0	0	0	0	0
51	of specified and multiple body regions (\$07-\$08, \$17-\$18, \$28,	F	0	0	0	0	0	0	0	0	0	0	0	0
	S38, S47-S48, S57-S58, S67-S68, S77-S78, S87- S88, S97-S98, T04-T05)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Other injuries of specified, unspecified and multiple body regions (S00-S01, S05, S09-S11, S15-S16, S19-	М	0	5	10	57	36	74	71	81	31	47	1	413
52	S21, S25, S29-S31, S35, S39-S41, S45-S46, S49- S51, S55-S56, S59-S61, S65-S66, S69-S71, S75-	F	0	1	3	4	5	9	19	11	4	18	0	74
	S76, S79-S81, S85-S86, S89-S91, S95-S96, S99, T00-T01, T06-T07, T09, T11, T13-T14)	Т	0	6	13	61	41	83	90	92	35	65	1	487

							А	GE GR	OUPS					
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Effects of foreign body	М	0	0	0	0	0	1	0	0	0	2	0	3
53	entering through natural orifice	F	1	0	0	0	0	0	0	0	0	1	0	2
	(T15-T19)	Т	1	0	0	0	0	1	0	0	0	3	0	5
		М	0	0	3	1	10	13	13	5	3	4	0	52
54	Burns and Corrosions (T20-T32)	F	0	2	1	15	19	18	13	6	6	27	0	107
	()	Т	0	2	4	16	29	31	26	11	9	31	0	159
	Poisonings by drugs & biological substances;	М	0	2	1	8	14	11	21	19	5	13	0	94
55	and Toxic effects of substances chiefly nonmedicinal as to	F	0	0	0	13	5	6	4	4	1	5	0	38
	source (T36-T50 & T51-T65)	Т	0	2	1	21	19	17	25	23	6	18	0	132
	Other and unspecified effects of external causes and certain	М	0	0	2	7	6	3	6	4	1	0	0	29
56	early complications of	F	0	2	4	2	7	1	3	1	0	1	0	21
	trauma (T33-T35, T66-T79)	Т	0	2	6	9	13	4	9	5	1	1	0	50
	Complications of	М	1	0	0	0	1	4	7	7	4	4	0	28
57	Surgical and Medical care, not elsewhere	F	1	1	0	0	3	3	6	5	0	10	0	29
	classified (T80-T88)	Т	2	1	0	0	4	7	13	12	4	14	0	57
	Late effects of injuries, of poisoning and of	М	0	0	1	4	4	2	10	6	1	2	0	30
58	other consequences of	F	0	0	0	1	0	1	4	0	0	1	0	7
	external causes (T90-T98)	Т	0	0	1	5	4	3	14	6	1	3	0	37
	EXTERNAL CAUSES	М	1	9	18	100	104	142	161	154	56	89	1	835
XX.	OF MORBIDITY AND MORTALITY	F	2	7	9	37	44	43	61	38	16	73	0	330
	(V01-Y89)	Т	3	16	27	137	148	185	222	192	72	162	1	1165
		М	0	7	9	80	67	100	102	107	40	53	1	566
E48	Transport accidents (V01-V99)	F	0	1	3	7	8	11	33	17	9	27	0	116
		Т	0	8	12	87	75	111	135	124	49	80	1	682
	Railway accidents	М	0	0	0	1	0	1	0	0	0	0	0	2
1	(V05, V15, V80.6, V81, V82.2, V87.6 & V88.6)	F	0	0	0	0	0	0	0	0	0	0	0	0
	, 102.2, 107.0 a 100.0)	Т	0	0	0	1	0	1	0	0	0	0	0	2

M.G/							А	GE GR	OUPS					Т
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
	Motor vehicle traffic accidents (V02-V04, V09.2-V09.3, V12-V14, V19.4-V19.6, V19.9, V20-V28, V29.4-V29.6,	М	0	7	9	78	67	99	102	107	40	52	1	562
2	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-	F	0	1	3	7	8	11	33	17	9	27	0	116
	V69.6, V69.9, V70-V78, V79.4-V79.6, V79.9, V80.3-V80.5, V82.	Т	0	8	12	85	75	110	135	124	49	79	1	678
	Other road vehicle accidents (V01, V06, V09.9, V10-	М	0	0	0	1	0	0	0	0	0	1	0	2
3	V11, V16-V18, V19.8, V29.8, V39.8, V49.8, V59.8, V69.8, V79.8, V80.0-V80.2, V80.7-	F	0	0	0	0	0	0	0	0	0	0	0	0
	V80.9, V82.3-V82.7, V82.9 & V89.1)	Т	0	0	0	1	0	0	0	0	0	1	0	2
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
4	Water transport accidents (V90-V94)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
	Air & Space transport	Μ	0	0	0	0	0	0	0	0	0	0	0	0
5	accidents (V95-V97)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Τ	0	0	0	0	0	0	0	0	0	0	0	0
	All other transport accidents (V09.0-V09.1, V19.0-V19.3, V29.0-	М	0	0	0	0	0	0	0	0	0	0	0	0
6	V29.3, V39.0-V39.3, V49.0-V49.3, V59.0- V59.3, V69.0-V69.3,	F	0	0	0	0	0	0	0	0	0	0	0	0
	V79.0-V79.3, V82.0, V82.8, V83-V86, V88.0- V88.5, V88.7-V88.9, V89.0, V89.9, V98-V99)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	A apidamtal Fall-	М	0	0	1	1	3	7	8	9	3	13	0	45
E49	Accidental Falls (W00-W19)	F	0	0	1	0	1	2	3	3	0	4	0	14
	(Т	0	0	2	1	4	9	11	12	3	17	0	59
	Accidental drowning	М	0	0	2	1	1	1	0	1	0	0	0	6
E50	and submersion	F	0	2	2	0	1	0	0	0	0	0	0	5
	(W65-W74)	Τ	0	2	4	1	2	1	0	1	0	0	0	11
	Exposure to smoke,	Μ	0	0	3	1	9	13	13	4	3	4	0	50
E51	fire and flames	F	0	2	1	15	18	19	13	5	6	25	0	104
	(X00-X09)	Τ	0	2	4	16	27	32	26	9	9	29	0	154

MC				•			А	GE GR	OUPS					د
M.G/ CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	5-14	15-24	25-34	35-44	45-54	55-64	62-69	70+	N.S.	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Accidental poisoning	Μ	0	2	0	0	1	0	0	0	0	0	0	3
E52	by and exposure to noxious substances	F	0	0	0	1	0	0	1	0	0	0	0	2
	(X40-X49)	Т	0	2	0	1	1	0	1	0	0	0	0	5
	Intentional self-harm	М	0	0	0	9	16	8	19	20	4	6	0	82
E53	(Suicide- attempted)	F	0	0	0	12	8	5	3	4	0	6	0	38
	(X60-X84)	Т	0	0	0	21	24	13	22	24	4	12	0	120
	Assault (Homicide)	Μ	0	0	0	0	0	1	0	1	0	0	0	2
E54	(X85-Y09)	F T	0	0	0	1	1	0	1	0	0	0	0	3
			0	0	0	1	1	1	1	1	0	0 5	0	5
E55	Other Violence	M F	0	0	0	3	1	3	5	1	1	5 0	0	19 4
C33	(Y10-Y36)	г Т	0	0	0	1 4	1	4	5	2	1 2	5	0	4 23
		M	0	0	0	3	1	3	5	1	1	5	0	23 19
1	Event of undetermined	F	0	0	0	1	0	1	0	1	1	0	0	4
	intent (Y10-Y34)	T	0	0	0	4	1	4	5	2	2	5	0	23
		М	0	0	0	0	0	0	0	0	0	0	0	0
2	Legal intervention (Y35)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
3	Operations of war (Y36)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
	Complications of	Μ	1	0	0	0	1	4	8	6	4	4	0	28
E56	medical and surgical care (Y40-Y84)	F	1	1	0	0	3	3	6	5	0	10	0	29
	Drugs, medicaments and	Т	2	1	0	0	4	7	14	11	4	14	0	57
	biological substances	Μ	0	0	0	0	0	0	0	0	0	0	0	0
1	causing adverse effects in therapeutic use	F	0	0	0	0	0	0	0	0	0	0	0	0
	(Y40-Y59)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Misadventures during surgical & medical care, adverse incidents in	М	1	0	0	0	1	4	8	6	4	4	0	28
2	diagnostic and therapeuticuse, abnormal	F	1	1	0	0	3	3	6	5	0	10	0	29
	reactions and late complications (Y60-Y69, Y70-Y82 & Y83-Y84)	Т	2	1	0	0	4	7	14	11	4	14	0	57
	Other external causes	М	0	0	3	5	5	5	6	5	1	4	0	34
E57	of accidental injury, not elsewhere classified	F	1	1	2	0	4	2	1	3	0	1	0	15
	(W20-W64, W75-W99, X10-X39, X50-X59)	Т	1	1	5	5	9	7	7	8	1	5	0	49

M.G/							А	GE GR	OUPS					T
CAT./ S.C	CAUSE OF DEATH	SEX	<1	14	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
	Accidents caused by	Μ	0	0	0	0	0	0	0	0	0	0	0	0
1	machinery, and by cutting & piercing	F	0	0	0	0	0	0	0	0	0	0	0	0
	instruments (W24-W31)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Accidents caused by	Μ	0	0	0	0	0	0	0	0	0	0	0	0
2	firearm missile	F	0	0	0	0	0	0	0	0	0	0	0	0
	(W32-W34)	Т	0	0	0	0	0	0	0	0	0	0	0	0
	Bites of snakes & other	Μ	0	0	2	2	3	1	4	2	0	2	0	16
3	venomous animals	F	0	0	0	0	0	2	1	1	0	0	0	4
	(X20-X27)	Т	0	0	2	2	3	3	5	3	0	2	0	20
		Μ	0	0	0	0	0	0	0	0	0	0	0	0
4	Sun stroke (X32)	F	0	0	0	0	0	0	0	0	0	0	0	0
		Т	0	0	0	0	0	0	0	0	0	0	0	0
	All other accidents including late effects	М	0	0	1	3	2	4	2	3	1	2	0	18
5	(W20-W23, W35-W64, W75-W99, X10-X19,	F	1	1	2	0	4	0	0	2	0	1	0	11
	X28-X31, X33-X39 & X50-X59)	Т	1	1	3	3	6	4	2	5	1	3	0	29
	Late effects of external	Μ	0	0	0	0	0	0	0	0	0	0	0	0
E58	causes of morbidity and mortality	F	0	0	0	0	0	0	0	0	0	0	0	0
	(Y85-Y89)	Т	0	0	0	0	0	0	0	0	0	0	0	0
		Μ	710	98	147	360	493	1059	2536	4359	2851	6485	33	19131
	AUSES DR GROUP I to XIX)	F	539	89	138	187	304	596	1411	2145	1564	4780	10	11763
(marge		Т	1249	187	285	547	797	1655	3947	6504	4415	11265	43	30894
		Μ	711	107	165	460	597	1201	2697	4513	2907	6574	34	19966
	AUSES DR GROUP I to XX)	F	541	96	147	224	348	639	1472	2183	1580	4853	10	12093
		Т	1252	203	312	684	945	1840	4169	6696	4487	11427	44	32059

THANK YOU HEALTHCARE HEROES

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