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GOVERNMENT OF KARNATAKA

**REPORT
ON
MEDICAL CERTIFICATION OF
CAUSE OF DEATH
2020**



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

PREFACE

The Report for the year 2020 is the fortieth in the series of the publication presenting statistics on causes of death obtained through the Civil Registration System under the Registration of Births and Deaths Act, 1969.

2. Statistical analysis of causes of death forms an important mortality data base, which is the backbone of National Health Policy and Planning. The main aim of this report is to build mortality statistics, which is of vital importance to know the leading causes of deaths, as they are essential for prioritizing Public Health Programmes not only for the country as a whole but also equally important at regional/sub-regional level.

3. This report is based on the data on medically certified deaths received from Teaching, District, Specialised and General Hospitals of the Karnataka State. Data on medically certified deaths received from 1791 hospitals of the state has been tabulated in conformity with the ICD-Tenth Revision. The Statistics on causes of death have been presented, cross tabulating them by age and sex. The time series data on medically certified deaths by major cause groups for the previous ten years have also been added.

4. I take this opportunity to express my sincere gratitude to the authorities of hospitals for furnishing the data, on the basis of which the Report has become possible. I am thankful to each one of them for their continued co-operation and shall be the strength in the future.

5. My sincere thanks are also placed on record for the efforts made by Sri. K. Narasimha Phani, Joint Chief Registrar, Smt. Madhuri S Tavag, Deputy Chief Registrar, Smt. R. Dakshayini, Assistant Chief Registrar, Smt. G. Vanajakshi, Programmer (expert in e-JanMa), Guruprasad. K, Statistical Inspector and the Staff involoved in data entry, under the overall supervision and guidance of Sri. M. Madeshu, Chief Registrar of Births and Deaths, in bringing out this report.

Suggestions for improvement of the publication are most welcome.


DIRECTOR

BENGALURU

Date : 03-01-2022

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EXECUTIVE SUMMARY

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

Methodology: The necessary data is collected in the Prescribed forms (Form No.4 for Hospital deaths and Form No.4A for Non-institutional Deaths). Both these forms have been designed by World Health Organisation (WHO) and are supposed to be filled-up by the medical Professionals attending to the deceased at the time of terminal illness. Thereafter, these forms are to be sent to the concerned Registrars of Births and Deaths for onward transmission to the Chief Registrar Office for tabulation as per National List based on International Classification of Diseases (ICD). The State subsequently send it to the Office of the Registrar General, India in the form of Statistical Table-9 for consolidation at the National level.

Scope of the report: The report on Medical Certification of Cause of Death – 2020 is based upon 1,58,603 (Males: 1,02,941 and Females: 55,662) medically certified deaths (28.74 per cent of total registered deaths) supplied by 1791 Hospitals. As mentioned above, owing to different levels of efficiency of medical certification across the State, the number of deaths reported therein may lack the representative feature in the strict sense, however, it may be sufficient to throw some valuable insight into deaths by various cause groups and their gravity.

Overall Findings:

During the year 2020, following are Eight leading cause groups of deaths constituting around 81.87 per cent of total deaths:

I. Diseases of Circulatory System (28.86 per cent) (29.69 per cent in 2019)

II. Diseases of the Respiratory System (10.89 per cent)

(10.86 per cent in 2019).

III. Codes for Special Purposes (U01-U49) (9.76 per cent)

- IV. *Neoplasm (Cancer) (7.71 per cent) (7.89 per cent in 2019)*
- V. *Endocrine, Nutritional and Metabolic Diseases (7.47 per cent) (7.05 per cent in 2019)*
- VI. *Certain Infectious and Parasitic Diseases (7.33 per cent) (8.96 per cent in 2019)*
- VII. *Diseases of the Genitourinary System (4.99 per cent) (4.79 per cent in 2019).*
- VIII. *Certain Conditions originating in the Perinatal Period (4.87 per cent) (6.67 per cent in 2019)*

- Among the “*Diseases of the Circulatory System*” deaths, “*Ischaemic Heart Diseases*” (*IHD*) account for the highest number of deaths (37.23 per cent). Around every 11 medically certified death has been reported to be caused by Ischemic Heart Disease alone (Statement-6).
- The Second leading cause group “*Diseases of the Respiratory System*” is responsible for 10.89 per cent of the total medically certified deaths of which “*All other Diseases of the Respiratory System*” accounting for around 33.73 per cent, “*Pneumonia*” accounting for 31.75 per cent of the total deaths under the group. The other major cause in this group is “*Other Lower Respiratory Disorders*” causing 25.55 per cent of death under the group and this alone accounts for 2.78 per cent of death to total medically certified deaths (Statement-8).
- The Third leading cause group “*Codes for special purposes*” accounting for 9.76 per cent of the total medically certified deaths (Statement-10).
- The Fourth leading group “*Neoplasms (Cancer)*” accounting for 7.71 per cent of the total medically certified deaths, of which “*Malignant Neoplasm of digestive organs*” accounts for 30.37 per cent of death under the group and this alone accounts for 2.34 per cent of death to total medically certified deaths (Statement-11).
- The Fifth leading cause group “*Endocrine, Nutritional and Metabolic Diseases*” is accounting for 7.47 per cent of the total medically certified deaths. Under this cause group, “*Diabetes Mellitus*” group alone accounts for 88.96 per cent of total deaths reported which constitutes 6.64 per cent of deaths to total medically certified deaths (Statement-13).
- The Sixth leading cause group “*Certain Infectious and Parasitic Diseases*” is accounting for 7.33 per cent of the total medically certified deaths. Under this cause group, “*Septicaemia*” group alone accounts for 41.50 per cent of total deaths reported which constitutes 3.04 per cent of deaths to total medically certified deaths (Statement-15).

- The Seventh leading cause group “*Diseases of the Genito urinary System*” is accounting for 4.99 per cent of the total medically certified deaths. Under this cause group, “*Renal failure*” group alone accounts for 4.26 per cent of deaths to total medically certified deaths (Statement-17).

The major group “*Certain Conditions Originating in the Perinatal period*” is the Eighth leading cause accounting for 4.87 per cent of the total medically certified deaths (Statement-19).

- The Medically Certified deaths during 2019 was 1,54,526 of which the male was 99,437 which constitutes 64.35 per cent, whereas in 2020 total Medically certified deaths was 1,58,603 of which male deaths 1,02,941 which works out to 64.90 per cent.

Age-wise: [TABLE-2]

- Every Five medically certified death reported was infants (age less than 1 year).
- About 85.89 per cent of total infant deaths have been reported to be caused by ‘*Certain conditions originating in the perinatal period*’(Statement-33).
- Among the children aged 1-4 years and 5-14 years “*Congenital Malformations, Deformations & Chromosomal Abnormalities*” have taken the highest toll of 34.75 per cent and 20.19 per cent respectively (Statement 34 & 36).
- In the age-groups of 15-24 years, “*Injury Poisoning & certain other consequences of External causes*” is the first among the leading causes contributing around 22.58 per cent (Statement-37).
- In the age-group 25-34 years and 35-44 years, “*Diseases of the Circulatory System*” is the leading cause group contributing 21.97 per cent, 25.25 per cent respectively (Statement-38 & 39).
- For the age-groups of 45 years and above “*Diseases of Circulatory System*” is the first leading cause of death (33.14 per cent). Under this cause group the percentage of deaths increased as the age increases. The percentage share of this cause group to the total medically certified deaths varies from 29.06 for the age group 45-54 years to 35.50 per cent for the age group 70 and above years.
- The highest number of deaths i.e., 43435 was reported as expected for the age group 70 years and above which constitute 27.39 per cent of total medically certified deaths (Statement-43).

Gender-wise:

- The male and female deaths in the total medically certified cases has been reported to be 64.90 per cent and 35.10 per cent respectively.
- Among eight leading cause groups, there is a significant difference for males and female deaths in respect of three cause groups, i.e., in “*Codes for Special Purposes*”, “*Neoplasms*”, and “*Endocrine, Nutritional and Metabolic Diseases*”.
- The female Neoplasm deaths to total female medically certified deaths is 9.21 per cent as compared to the corresponding male figure of 6.90 per cent (Statement-11).

CHAPTER - I

INTRODUCTION

CHAPTER - I

INTRODUCTION :

The age, sex and cause specific mortality rates are important indicators for evidence based monitoring of Health Trends in the population. The statistics on causes of death is essential for planners, administrators and medical professionals in undertaking appropriate curative and preventive measures for various health problems. It may also play an important role in furtherance of medical research and may contribute immensely in improving the methods of diagnosis and analysis. Under the system of Registration of Births and Deaths, the scheme of Medical Certification of Cause of Death forms an integral part of the Vital Statistics System which aims at providing a reliable database for generating cause specific mortality statistics on a regular basis.

1.2 Medical Research is currently facing stiff challenges from the spread of a variety of ailments like Cancer, AIDS, Heart Diseases, Juvenile diabetes, non-communicable diseases, Swine flu and Chickungunya etc. For tackling these issues, good documentation of information on the causes of death is indispensable. Recognising this fact and in order to draw the profile of different natural and manmade causes of death, the international community of Medical Professionals, under the aegis of World Health Organisation have codified most of the disease labeling them “***International Classification of Diseases (ICD)***”.

1.3 The COVID-19 disease outbreak was declared a Public Health Emergency of International Concern (PHEIC) on 30th January 2020 by the World Health Organization and later on 11th March 2020 as a Pandemic. During such situations, mortality surveillance becomes a very important public health tool to assess the impact of the viral infections. Accurate documentation on underlying cause of death and contributory health conditions in the death certificates becomes invaluable to estimate cause of mortality statistics for disease burden estimations.

Under the Guidelines of WHO, ICMR has given guidelines for recording morbidity and mortality due to COVID -19 and the general considerations of recording and reporting Medical Certification of Cause of Death (MCCD) in India.

WHO has provided Emergency ICD-10 codes for COVID-19 as below.

Emergency ICD-10 code	Usage conditions
U07.1	COVID-19,virus identified
U07.2	COVID-19, virus not identified, Clinically - epidemiologically diagnosed COVID-19, Probable COVID-19 Suspected COVID-19

1.4 This ICD is customised to the Indian conditions under the scheme of “*Medical Certification of Cause of Death (MCCD)*”. Important demographic indicators like Infant Mortality Rate, Maternal Mortality Rate and Child Mortality Rate are derived using the information on MCCD.

1.5 This report is based on the 10th revision of ICD. The statistics presented in this report, give information on cause specific mortality cross classified by sex and age-groups. The prescribed Form No. 4 (Annexure-II) has to be carefully filled by the physician who examines / attends / treats the deceased during the period of his / her last illness. This form, which clearly spells out the various causes of death is the basis of this survey results.

1.6 Meaning & Scope of Cause of Death: The term ‘cause of death’ has been defined as to go back to the root/ underlying cause. It is “the morbid condition to which can be traced the sequences of events ultimately resulting in death”. The form prescribed for certification has two parts, Part-I for recording the diseases suffered by the deceased in a specific sequence to facilitate segregation of the underlying cause from the immediate cause and Part-II for other significant morbid conditions, even if they were not responsible for the death.

1.7 The scheme of Medical Certification of Cause of Death has got the statutory backing under sections 10(2) and 10(3), 17(1) (b) and 23(3) of the Registration of Births and Deaths Act, 1969.

The provisions relating to MCCD in Registration of Births & Deaths Act, 1969 are as follows:

Section 10(2) : In any area, the State Government having regard to the facilities available therein in this behalf may require that a certificate as to the cause of death shall be obtained by Registrar from such person and in such form as may be prescribed.

Section 10(3) : Where the State Government has required under sub-section (2) that a certificate as to the cause of death shall be obtained. In the event of the death of any person who, during his last illness, was attended by a medical practitioner, the medical practitioner shall, after the death of that person, forthwith, issue without charging any fee, to the person required under this Act to give information concerning the death, a certificate in the prescribed form stating to the best of his knowledge and belief the cause of death; and the certificate shall be received and delivered by such person to the Registrar at the time of giving information concerning the death as required by this Act.

Section 17(1) (b) : Subject to any rules made in this behalf by the State Government, including rules relating to the payment of fees and postal charges, any person may obtain an extract from registration records relating to any death; provided that no extract relating to any death, issued to any person, shall disclose the particulars regarding the cause of death as entered in the register.

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

1.8 The report is presented in 4 chapters and 3 appendices. Chapters II, III and IV deals with '*Scheme of Medical Certification of Cause of Death: Status of implementation*', '*Distribution of Deaths by Cause*' and '*Specific Cause of Mortality in different age group*' respectively. Appendix-I contains detailed Statistical tables for ready reference.

CHAPTER – II

SCHEME OF MCCD :

STATUS OF IMPLEMENTATION

CHAPTER - II

Scheme of MCCD: Status of Implementation:

The RBD Act, 1969 provides for compulsory Registration of Births and Deaths in the country. The scheme of MCCD was introduced in the State during the year 1967 with 44 selected hospitals. It was extended to 168 hospitals by 1990. In the year 1991, 350 hospitals with bed-strength of 20 or more in towns and cities with a lakh or more population (as per 1981 census) were covered. This expansion was taken up as per the recommendations of the workshop on “Statistics of Cause of Death” held during 1986 at New Delhi.

2.2 In order to take the MCCD Scheme forward in a systematic manner in the country, the Registrar General, India has been impressing upon all the States / Union Territories to bring all hospitals (Government & Private) and private medical practitioners under its coverage, both in Rural as well as Urban areas by imposing issue of Notification. In this context, the Government of Karnataka has been issued Notification to bring all Government and Private medical institutions and private medical practitioners under the scheme of Medical Certification of Cause of Death. By 2020, 1791 hospitals have been brought under the scheme. The scheme’s ambit is confined mostly to institutional deaths. Though the sample is representative, sweeping generalisations are not recommended, since a large no. of rural events remain outside the ambit of the survey.

MCCD Status: State Scenario: Flow of Data and Processing:

2.3 The certificates of cause(s) of death certified by the Doctors were sent in the prescribed Form (No.4) directly from the institutions covered under the scheme of MCCD on a monthly basis to the Office of Chief Registrar of Births and Deaths. They were scrutinised & coded as per ICD-10th Revision & Table-9 derived as per the National list prescribed / designed by the Registrar General, India. Data was processed at the Inhouse Computer Centre of the CNL Division of the Directorate.

2.4 As per the reported information, the number of hospitals covered and reporting data on MCCD, District-wise and Sex-wise classification in the State is presented in the **Statement-1**.

Statement -1

DISTRICTWISE AND SEXWISE DISTRIBUTION OF NUMBER OF MEDICALLY CERTIFIED DEATHS – 2020

Sl. No	District Name	No. of Hospitals	Male	Female	Total
1	Bagalkote	67	1896	854	2750
2	Bengaluru(U)	731	39721	22947	62668
3	Bengaluru(R)	17	861	405	1266
4	Belagavi	88	4536	2215	6751
5	Bellary	45	3213	1749	4962
6	Bidar	16	1095	549	1644
7	Chamarajanagar	13	453	207	660
8	Chikballapur	16	669	314	983
9	Chikmagalur	28	743	411	1154
10	Chitradurga	21	1444	724	2168
11	D.Kannada	110	7182	3936	11118
12	Davanagere	30	3706	2010	5716
13	Dharwad	81	5681	3164	8845
14	Gadag	38	1722	882	2604
15	Hassan	25	1960	942	2902
16	Haveri	20	786	352	1138
17	Kalburgi	28	2361	1228	3589
18	Kodagu	18	517	268	785
19	Kolar	20	1580	829	2409
20	Koppal	14	822	427	1249
21	Mandya	28	1658	816	2474
22	Mysuru	44	6344	3369	9713
23	Raichur	21	1842	893	2735
24	Ramanagara	13	202	92	294
25	Shimoga	59	3483	1755	5238
26	Tumkur	38	1830	910	2740
27	Udupi	55	2991	1622	4613
28	U.Kannada	56	1582	817	2399
29	Vijayapura	45	1839	893	2732
30	Yadgir	6	222	82	304
Total		1791	102941	55662	158603

2.5 During 2020, a total of 158603 medically certified deaths were reported, of which 102941 and 55662 pertained to males and females respectively. Among 4345 hospitals in the State 1791 (41.22%) hospitals were covered under Medical Certification of Cause of Death.

In Bangalore district, 62668 deaths have been reported from 731 hospitals covering 39.51 per cent to total deaths.

The next highest number of hospitals 110 in Dakshina Kannada district covered under Medical Certification of Cause of Death reported for 11118 deaths (7.01 per cent).

Less than 500 deaths were reported in the districts of Ramanagar (0.19%) and Yadgir (0.19%).

Growth in the Medical Certification of Cause of Death:

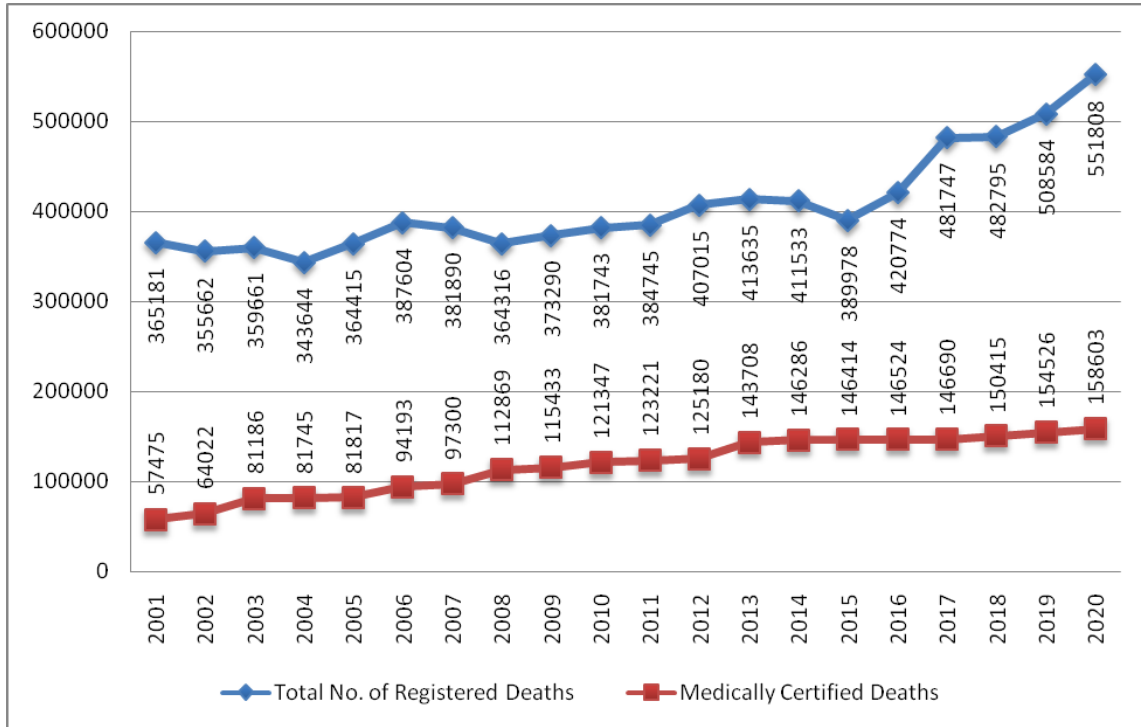
2.6 The time series data on MCCD for the year 2001 to 2020 reveals a significant long-term growth in absolute numbers of medically certified cases. The share of medically certified deaths in total registered deaths has been fluctuating over the years. It was 15.74 per cent during the year 2001 and highest with 37.54 per cent during the year 2015. The growth in MCCD during the last 20 years is given in **Statement-2** and is highlighted in the **Chart-1**.

Statement - 2
Growth in the Medical Certification as a part of total Registered Deaths

Year	Total No. of Registered Deaths	Medically Certified Deaths	Percentage of Medically Certified Deaths to Total Registered Deaths
2001	365181	57475	15.74
2002	355662	64022	18.00
2003	359661	81186	22.57
2004	343644	81745	23.79
2005	364415	81817	22.45
2006	387604	94193	24.30
2007	381890	97300	25.48
2008	364316	112869	30.98
2009	373290	115433	30.92
2010	381743	121347	31.79
2011	384745	123221	32.03
2012	407015	125180	30.76
2013	413635	143708	34.74
2014	411533	146286	34.84
2015	389978	146414	37.54
2016	420774	146524	34.82
2017	481747	146690	30.45
2018	482795	150415	31.16
2019	508584	154526	30.38
2020	551808	158603	28.74

CHART - 1

Growth in MCCD in Karnataka 2001 – 2020



CHAPTER – III

SCHEME OF MCCD :

DISTRIBUTION OF DEATHS

BY CAUSE

CHAPTER – III

Distribution of Deaths by Causes

3.1 The data on Medical Certification of Cause of Death has been presented as per the National list based on 10th revision of ICD, to facilitate meaningful comparison and drawing valid conclusions thereof. This chapter aims at summarising the findings of data reported on medically certified deaths from 1791 hospitals by age, sex and major cause groups. During 2020, a total of 1,58,603 medically certified deaths were reported, of which 1,02,941 and 55,662 pertained to males and females respectively. The age-wise distribution of such deaths by sex is presented in the **Statement-3 & Chart-2**.

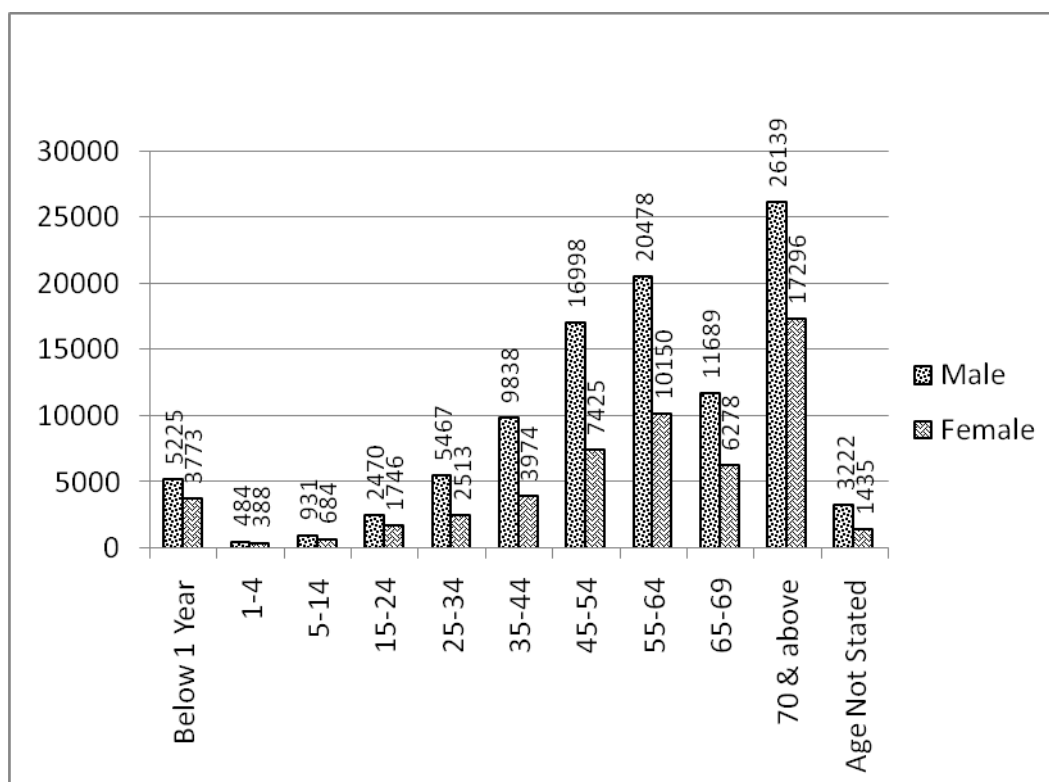
Statement – 3

Age and Sex Distribution of Medically Certified Deaths – 2020

Sl. No	Age Group	Male			Female			Total	
		No. of Medically certified Deaths	Percentage to		No. of Medically certified Deaths	Percentage to		No. of Medically certified Deaths	Percentage to total Medically certified deaths
			Total Male deaths Under MCCD	Total Medically certified deaths		Total Female deaths Under MCCD	Total Medically certified deaths		
1	Below 1 Year	5225	5.08	3.29	3773	6.78	2.38	8998	5.67
2	1-4	484	0.47	0.31	388	0.70	0.24	872	0.55
3	5-14	931	0.90	0.59	684	1.23	0.43	1615	1.02
4	15-24	2470	2.40	1.56	1746	3.14	1.10	4216	2.66
5	25-34	5467	5.31	3.45	2513	4.51	1.58	7980	5.03
6	35-44	9838	9.56	6.20	3974	7.14	2.51	13812	8.71
7	45-54	16998	16.51	10.72	7425	13.34	4.68	24423	15.40
8	55-64	20478	19.89	12.91	10150	18.24	6.40	30628	19.31
9	65-69	11689	11.36	7.37	6278	11.28	3.96	17967	11.33
10	70 & above	26139	25.39	16.48	17296	31.07	10.91	43435	27.39
11	Age Not Stated	3222	3.13	2.03	1435	2.58	0.90	4657	2.94
	Total	102941	100.00	64.90	55662	100.00	35.10	158603	100.00

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

Chart - 2
DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY
AGE AND SEX UNDER MCCD – 2020



3.2 Statement-3 indicates the contribution of male and female deaths in the total medically certified cases were reported to be 64.90 per cent and 35.10 per cent respectively. It seems that more males are admitted to hospital during last moments as compared to females. Among the males those who crossed 70 years stood first, followed by those in the age group 55-64 and 45-54 years. These three age-groups put together formed 61.80 per cent of deaths. Age group 65-69 years also had a significant place with 11.36 per cent. Infant deaths occupied the 6th place (5.08 per cent). Least vulnerable were those in the age group 1-4 years (0.47 per cent).

Among the females also 70 plus had the largest share, followed by those in the age group 55-64 years. Both put together contributed 49.31 per cent deaths. Infant deaths took 6th position with 6.78 per cent, 14.79 per cent deaths were from the prime age group of 15-44 years. Least vulnerable was again in the age group 1-4 years (0.70 per cent).

3.3 The Eight leading cause groups of deaths viz., *Diseases of the circulatory system (I00-I99)*, *Diseases of the Respiratory System (J00-J98)*, *Codes for Special Purposes (U01-U49)*, *Neoplasms (C00-D48)*, *Endocrine, Nutritional and Metabolic Diseases (E00-E89)*, *Certain Infectious and Parasitic Diseases (A00-B99)*, *Diseases of the Genitourinary System (N00-N99)* and *Certain Conditions Originating in the Perinatal Period (P00-P96)* had taken together account for about 81.87 per cent of the total medically certified deaths which is detailed in **Statement-4**.

3.4 Among the leading cause groups, *‘Diseases of Circulatory System’* constitute the maximum i.e. **28.86 per cent** of total medically certified deaths, followed by *‘Diseases of Respiratory System’* constitute **10.89 per cent**, *‘Codes for Special Purposes’* constitute **9.76 per cent**, *‘Neoplasms’* **7.71 per cent**, *‘Endocrine, Nutritional and Metabolic Diseases’* constitute **7.47 per cent**, *‘Certain Infectious and Parasitic Diseases’* constitute **7.33 per cent**, *‘Diseases of the Genitourinary System’* **4.99 per cent**, and followed by *‘Certain Conditions Originating in the Perinatal Period’* constitute **4.87 per cent**, to the total Medically Certified deaths.

In respect of eight leading causes of death the gender difference is not significant. However, Sexwise distribution of the medically certified deaths shows that the percentage of male deaths are on a higher side, in case of Injury, Poisoning and Certain other Consequences of External Causes (S00-T98) and Diseases of Digestive System (K00-K92) compared to corresponding female figures, but in case of Neoplasms (C00-D48), Endocrine, Nutritional and Metabolic Diseases (E00-E89) and Certain Conditions Originating in the Perinatal Period (P00-P96) the percentage of female deaths is higher compared to male deaths. The percentage distribution of medically certified deaths by leading cause groups is depicted in Chart-3.

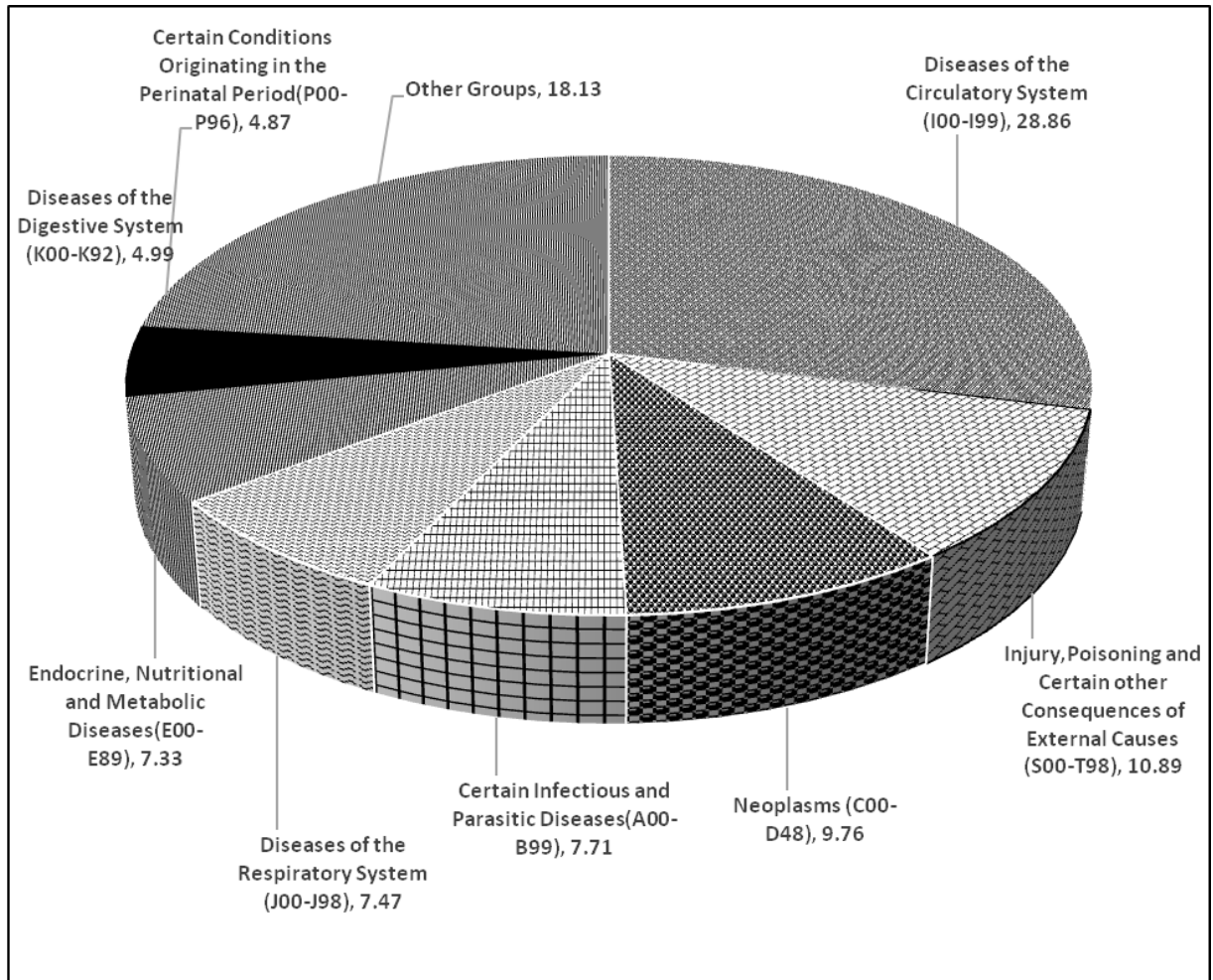
Statement-4

Distribution of Medically Certified Deaths by Sex and Eight Leading Cause-Groups during -2020

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System (I00-I99)	29189	28.36	16577	29.78	45766	28.86
2	Diseases of the Respiratory System (J00-J98)	11542	11.21	5725	10.29	17267	10.89
3	Codes for Special Purposes (U01-U49)	11250	10.93	4226	7.59	15476	9.76
4	Neoplasms (C00-D48)	7106	6.90	5124	9.21	12230	7.71
5	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	7156	6.95	4686	8.42	11842	7.47
6	Certain Infectious and Parasitic Diseases(A00-B99)	7408	7.20	4217	7.58	11625	7.33
7	Diseases of the Genitourinary System (N00-N99)	5209	5.06	2700	4.85	7909	4.99
8	Certain Conditions Originating in the Perinatal Period(P00-P96)	4515	4.39	3213	5.77	7728	4.87
9	Other Groups	19566	19.01	9194	16.52	28760	18.13
	Total	102941	100.00	55662	100.00	158603	100.00

Chart - 3

**PERCENTAGE DISTRIBUTION OF DEATHS UNDER MCCD
BY LEADING CAUSE GROUP – 2020**



3.5 The percentage distribution of Eight major cause groups of deaths for the period 2002 to 2020 is presented in the **Statement-5**.

Statement – 5
Percentage Distribution of 8 leading Major Cause Groups of Deaths during
2008 to 2020

Year	Leading major cause groups of deaths (As per ICD-10)									
	Diseases of the circulatory system	Diseases of the Respiratory System	Codes for Special Purposes	Neo-plasm	Endocrine, Nutritional & Metabolic Diseases	Certain Infectious and Parasitic Diseases	Diseases of the Genitourinary System	Certain conditions originating in the Perinatal period	Other Groups	Total
2008	28.78	7.56		6.25	6.84	11.12	3.1	8.32	15.01	100.00
2009	28.26	7.47		6.77	6.88	11.23	3.31	8.95	14.65	100.00
2010	30.69	8.58		6.24	6.42	11.45	3.44	8.9	12.59	100.00
2011	29.97	7.9		6.15	6.36	10.68	3.3	9.33	11.85	100.00
2012	30.57	8.03		6.48	6.57	10.85	3.34	9.27	11.2	100.00
2013	28.8	8.6		6.67	5.59	10.1	3.45	9.33	12.79	100.00
2014	29.61	8.36		7.46	5.36	9.23	3.13	9.97	12.2	100.00
2015	31.81	8.53		7.8	5.55	9.39	3.51	9.39	13.02	100.00
2016	29.44	8.65		9.07	6.43	9.51	4.05	5.85	13.68	100.00
2017	30.88	8.65		9.08	6.50	9.12	4.11	5.29	13.55	100.00
2018	29.81	8.52		9.05	6.78	8.87	3.93	6.01	14.73	100.00
2019	29.69	10.86		7.89	7.05	8.96	4.79	6.67	14.67	100.00
2020	28.86	10.89	9.76	7.71	7.47	7.33	4.99	4.87	18.13	100.00

Note: 'Others' include to remaining major cause group.

The data reveals that, the group of '*Diseases of the Circulatory System*' has not only occupied the position of top-most killer, Under this group 0.83 per cent of deaths have been decreased during 2020 when compared to 2019.

3.5.1 The share of medically certified deaths due to '*Diseases of Respiratory System*' has varied in the range of 7.56 to 10.89 per cent during the period of 2008 to 2020, this accounting for around 5 to 10 deaths per hundred reported medically certified deaths.

3.5.2 This is a new cause group, Under this group 9.76 percent deaths reported to the total medically certified deaths.

3.5.3 The percentage of deaths due to '*Neoplasms*' has been increased from 6.25 per cent to 9.05 from the year 2008 to 2018. Under this group 1.16 per cent of deaths have been decreased during 2019 when compared to 2018.

3.5.4 The share of medically certified deaths due to '*Endocrine, Nutritional and Metabolic Diseases*' is 7.47 per cent during 2020.

3.5.5 The major cause group '*Certain Infectious and Parasitic Diseases*' has shown a declining trend in its share to total deaths over the years. The percentage of deaths due to this group has been decreased from 11.12 per cent to 7.33 per cent over the years.

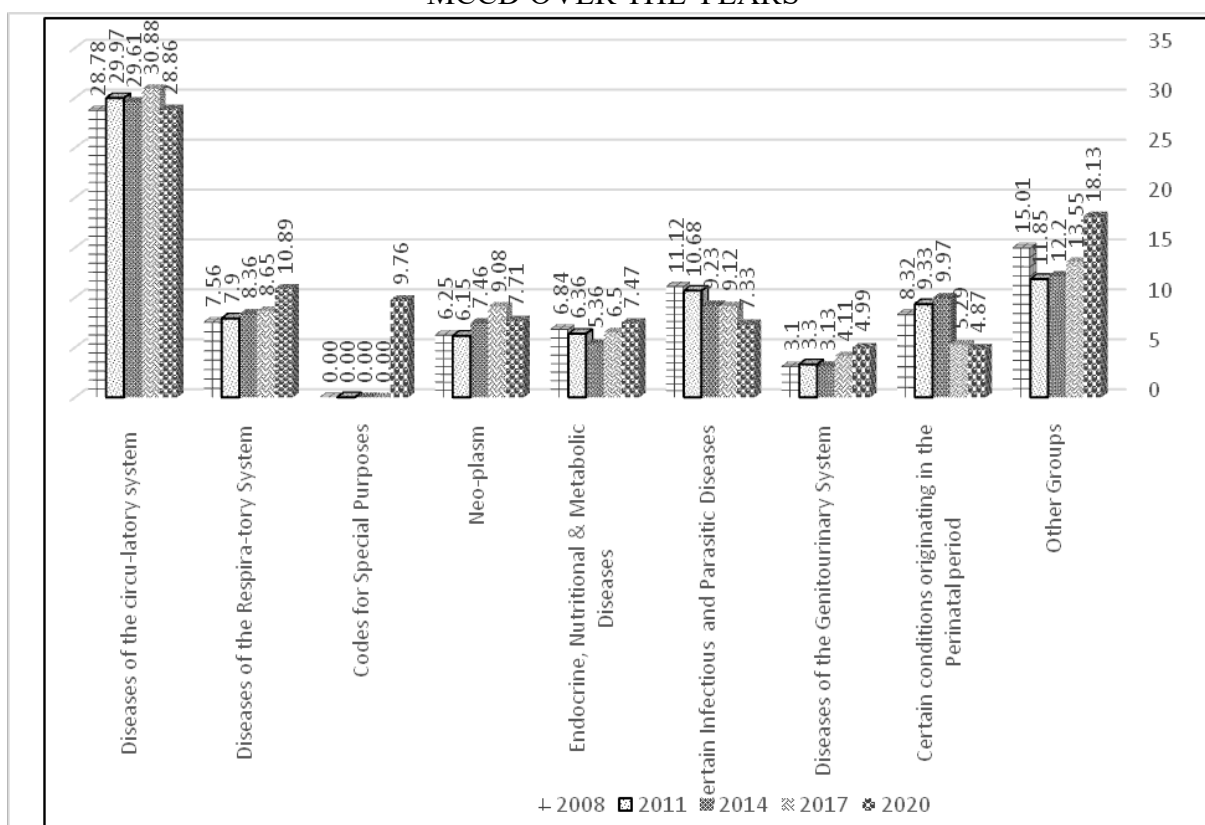
3.5.6 The proportion of deaths due to '*Diseases of the Genitourinary System*' has exhibited fluctuating trend pattern over the years. Under this group 3.10 per cent of deaths have been increased during 2020 when compared to 2019.

3.5.7 The group of *‘Diseases of Certain Conditions Originating in Perinatal Period’* which is the prime causes of deaths among infants, has shown decreasing trend in percentage term over the years when compared to 2008. The per cent share of this group in 2020 is 4.87.

3.5.8 The groups *“other than”* the Eight leading ones viz., *Diseases of the Digestive System, Diseases of the Nervous System, Diseases of the Skin and Subcutaneous Tissue, Pregnancy, Child Birth and the Puerperium, Congenital Malformations, Deformations and Chromosomal Abnormalities etc.*, constitutes less than 19 per cent of the total medically certified deaths in 2020.

3.5.9 The **Chart-4** shows the percentage share of leading cause groups of death in Medical Certification of Cause of Death for the years 2008, 2011, 2014, 2017 and 2020.

Chart –4
PERCENTAGE DISTRIBUTION OF LEADING CAUSE GROUPS OF DEATHS UNDER MCCD OVER THE YEARS



Leading Causes of Deaths

3.6 Diseases of the Circulatory System (IX):

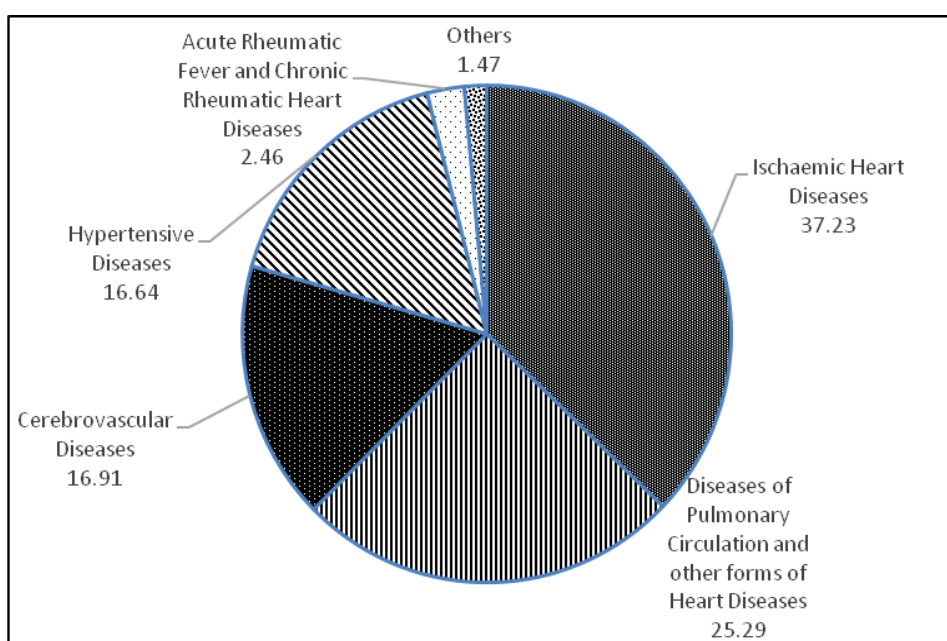
It is the topmost ranking major group of disease, constituting 28.86 per cent of total medically certified deaths. It accounts for 28.36 per cent of males and 29.78 per cent of female deaths in their respective totals of medically certified deaths. The distribution of major components under this cause group is presented in **Statement-6** and is depicted in **Chart-5**.

Statement – 6
DISTRIBUTION OF MAJOR CAUSES OF DEATHS AMONG DISEASES OF
CIRCULATORY SYSTEM UNDER MCCD-2020

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Ischaemic Heart Diseases	10947	37.50	6090	36.74	17037	37.23	10.74
2	Diseases of Pulmonary Circulation and other forms of Heart Diseases	7218	24.73	4355	26.27	11573	25.29	7.30
3	Cerebrovascular Diseases	5173	17.72	2567	15.49	7740	16.91	4.88
4	Hypertensive Diseases	4857	16.64	2759	16.64	7616	16.64	4.80
5	Acute Rheumatic Fever and Chronic Rheumatic Heart Diseases	551	1.89	575	3.47	1126	2.46	0.71
6	Others	443	1.52	231	1.39	674	1.47	0.42
	Total Medically Certified Deaths due to Diseases of Circulatory System	29189	100.00	16577	100.00	45766	100.00	28.86
	Deaths due to Diseases of Circulatory system as percentage to total medically certified deaths		28.36		29.78		28.86	

Chart – 5

PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO DISEASES OF CIRCULATORY SYSTEM – 2020



3.6.1 The Sub-group '*Ischaemic Heart Diseases (IHD)*' characterized by reduced blood supply to the heart muscle, usually due to coronary artery disease

(arthrosclerosis of the Coronary arteries) accounts for the highest no. of deaths (**37.23 per cent**) under the major group *'Diseases of Circulatory System'*. Further more, around every 11th medically certified deaths has been reported to be caused by IHD alone. The sub groups *'Diseases of Pulmonary Circulation and Other forms of Heart Diseases and 'Cerebrovascular Diseases'* are reported to be the top two and three leading cause of deaths have constituted **25.29 per cent and 16.91 per cent** total deaths reported under this major group respectively.

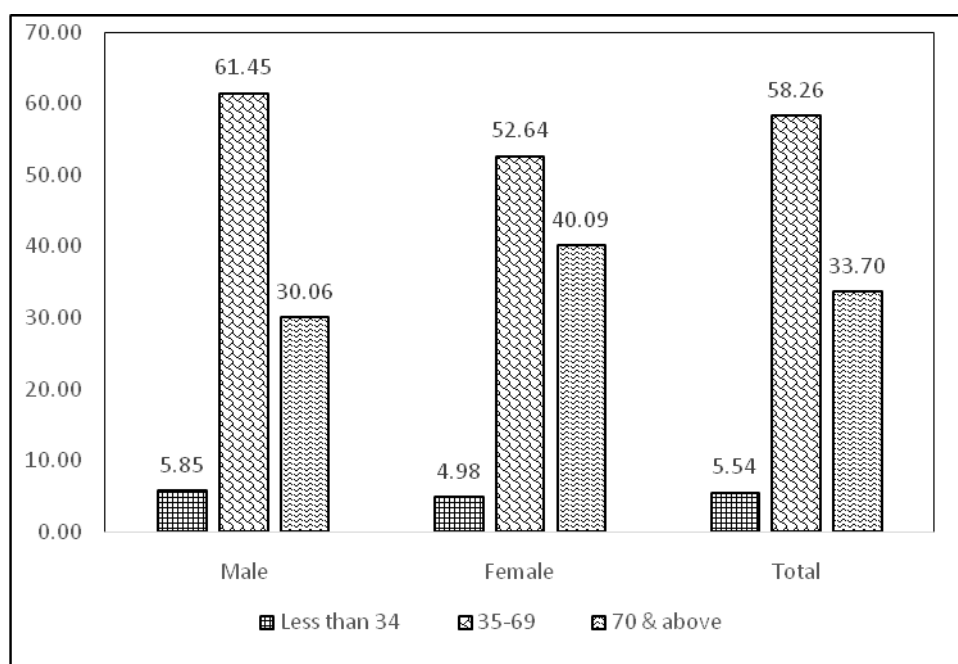
3.6.2 The age distribution of medically certified deaths due to *'Diseases of Circulatory System'* has been given in **Statement-7** and highlighted in **Chart-6**. The age distribution under this cause group is in consonance with the general epidemiology of circulatory system which increases with age.

Statement -7

AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF CIRCULATORY SYSTEM UNDER MCCD-2020

Sl. No	Age Group	Male		Female		Total	
	(in years)	No.	%	No.	%	No.	%
1	Below 1 Year	0	0.00	0	0.00	0	0.00
2	1-4	5	0.02	3	0.02	8	0.02
3	5-14	12	0.04	7	0.04	19	0.04
4	15-24	460	1.58	295	1.78	755	1.65
5	25-34	1232	4.22	521	3.14	1753	3.83
6	35-44	2499	8.56	988	5.96	3487	7.62
7	45-54	5006	17.15	2092	12.62	7098	15.51
8	55-64	6525	22.35	3298	19.90	9823	21.46
9	65-69	3908	13.39	2348	14.16	6256	13.67
10	70 & above	8775	30.06	6646	40.09	15421	33.70
11	Age Not Stated	767	2.63	379	2.29	1146	2.50
	Total	29189	100.00	16577	100.00	45766	100.00

Chart - 6
AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF
CIRCULATORY SYSTEM” UNDER MCCD - 2020



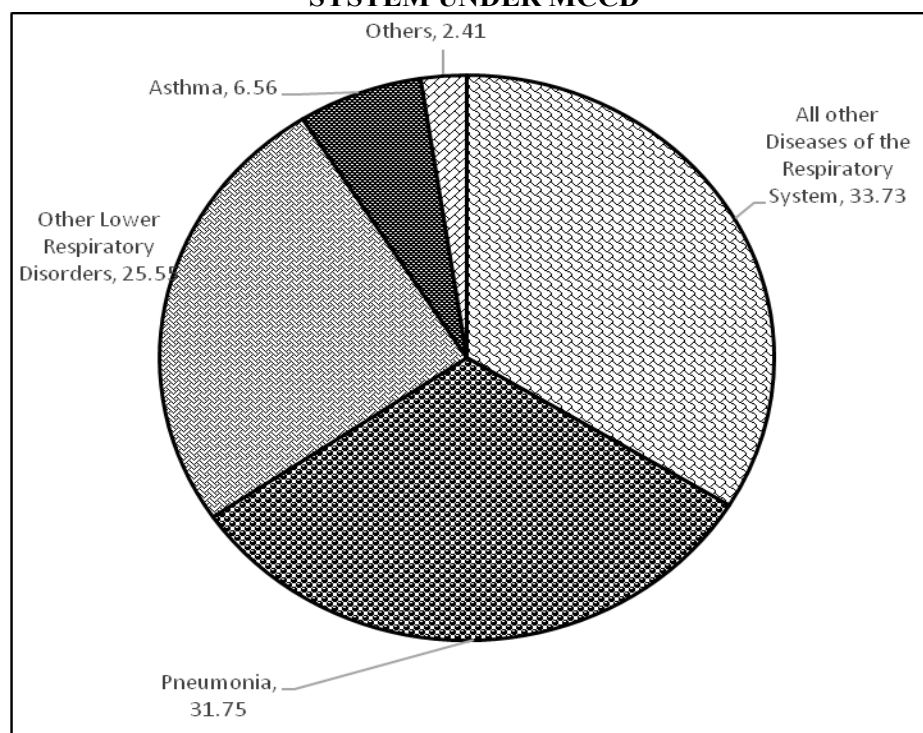
3.7 Diseases of the Respiratory System (X):

The major group of Diseases of Respiratory System is the Second leading cause, responsible for 10.89 per cent of the total medically certified deaths. This has contributed to 11.21 per cent of male and 10.29 per cent of female deaths. The distribution of chief constituents of the major cause group is given in **Statement-8** and is presented in **Chart-7**.

Statement – 8
Distribution of Deaths due to Diseases of Respiratory System Under MCCD-
2020

Sl No.	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All other Diseases of the Respiratory System	3856	33.41	1969	34.39	5825	33.73	3.67
2	Pneumonia	3606	31.24	1876	32.77	5482	31.75	3.46
3	Other Lower Respiratory Disorders	3173	27.49	1238	21.62	4411	25.55	2.78
4	Asthma	641	5.55	492	8.59	1133	6.56	0.71
5	Others	266	2.30	150	2.62	416	2.41	0.26
	Total Medically Certified Deaths due to Diseases of Respiratory System	11542	100.00	5725	100.00	17267	100.00	10.89
	Deaths due to Diseases of Respiratory system as percentage to total medically certified deaths		11.21		10.29		10.89	

Chart – 7
PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY SYSTEM UNDER MCCD

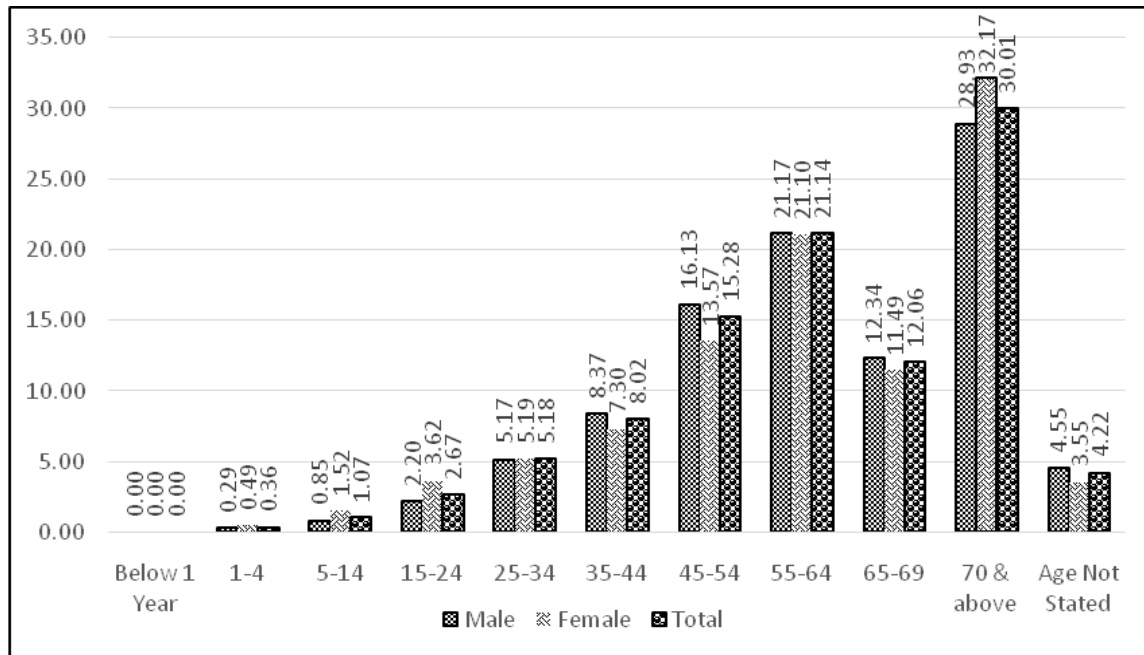


3.7.1 ‘*All other Diseases of the Respiratory System*’ is the leading cause of death, has caused 34 out of every hundred reported deaths under the major cause group (33.73 per cent). It is followed ‘*Pneumonia*’ has caused 31.75 per cent of the deaths. ‘*Pneumonia*’ an inflammatory illness of the lung and also one of the leading cause of death among the elderly and Children has caused 32 out of every hundred reported deaths (31.75 per cent). The percentage share of Pneumonia to the total medically certified deaths is 3.46 per cent with the corresponding share of Other Lower Respiratory Disorders being 2.78 per cent. The age composition of deaths due to ‘Diseases of Respiratory System’ is presented in **Statement-9** and is highlighted in **Chart-8**.

Statement – 9
Age Distribution of Deaths due to Diseases of Respiratory system Under MCCD-2020

Sl. No	Age Group (In years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	0	0.00	0	0.00	0	0.00
2	1-4	34	0.29	28	0.49	62	0.36
3	5-14	98	0.85	87	1.52	185	1.07
4	15-24	254	2.20	207	3.62	461	2.67
5	25-34	597	5.17	297	5.19	894	5.18
6	35-44	966	8.37	418	7.30	1384	8.02
7	45-54	1862	16.13	777	13.57	2639	15.28
8	55-64	2443	21.17	1208	21.10	3651	21.14
9	65-69	1424	12.34	658	11.49	2082	12.06
10	70 & above	3339	28.93	1842	32.17	5181	30.01
11	Age Not Stated	525	4.55	203	3.55	728	4.22
	Total	11542	100.00	5725	100.00	17267	100.00

Chart – 8
AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF RESPIRATORY
STSTEM UNDER MCCD – 2020



3.7.2 The age group ‘70 and above years’ has reported maximum incidence of deaths (30.01 per cent) under the major cause group followed by the age group ‘55-64 years’ with 21.14 per cent of deaths due to ‘Diseases of Respiratory system’. The children of age group 0-4 have contributed to only 0.36 per cent of total deaths, under this major cause group. The major chunk of deaths under this cause group is concentrated in the age group ‘45 year and above’, constituting around 78.49 per cent of deaths. The percentages of female deaths aged 34 years and below to total female deaths under this cause group are on a higher side as compared to corresponding figures for males (i.e. 10.81 per cent for females compared to 8.52 per cent of males).

3.8 Codes for Special Purposes

The leading cause group of disease accounting for 9.76 per cent of total medically certified deaths, which constitute 10.93 per cent of male and 7.59 per cent of female medically certified deaths of their respective totals. The Age distribution of deaths due to this cause group is presented in Statement -10.

Statement – 10

Age Distribution of Deaths due to Special purposes Under MCCD-2020

Sl. No	Age Group (In years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	12	0.11	3	0.07	15	0.10
2	1-4	6	0.05	7	0.17	13	0.08
3	5-14	12	0.11	6	0.14	18	0.12
4	15-24	75	0.67	50	1.18	125	0.81
5	25-34	294	2.61	99	2.34	393	2.54
6	35-44	856	7.61	277	6.55	1133	7.32
7	45-54	1785	15.87	650	15.38	2435	15.73
8	55-64	2775	24.67	1099	26.01	3874	25.03
9	65-69	1680	14.93	634	15.00	2314	14.95
10	70 & above	3350	29.78	1258	29.77	4608	29.78
11	Age Not Stated	405	3.60	143	3.38	548	3.54
	Total	11250	100.00	4226	100.00	15476	100.00

As shown in the Statement-10, the highest incidence of deaths (29.78 per cent) is reported for the age group 70 and above, closely followed by age groups 55-64 years (25.03 per cent). The age-group 45-54 years has contributed 15.73 per cent of total deaths under this cause group.

3.9 Neoplasms (II) (Cancer) : The Fourth leading cause, “*Neoplasm*” which is commonly known as Cancer is responsible for 7.71 per cent of the total medically certified deaths. The share of deaths due to *Neoplasms* in total female deaths is 9.21 per cent as compared to the corresponding figure of 6.90 per cent in case of males. The distribution of major causes of deaths under the group is given in the **Statement-11** and depicted in **Chart-9**.

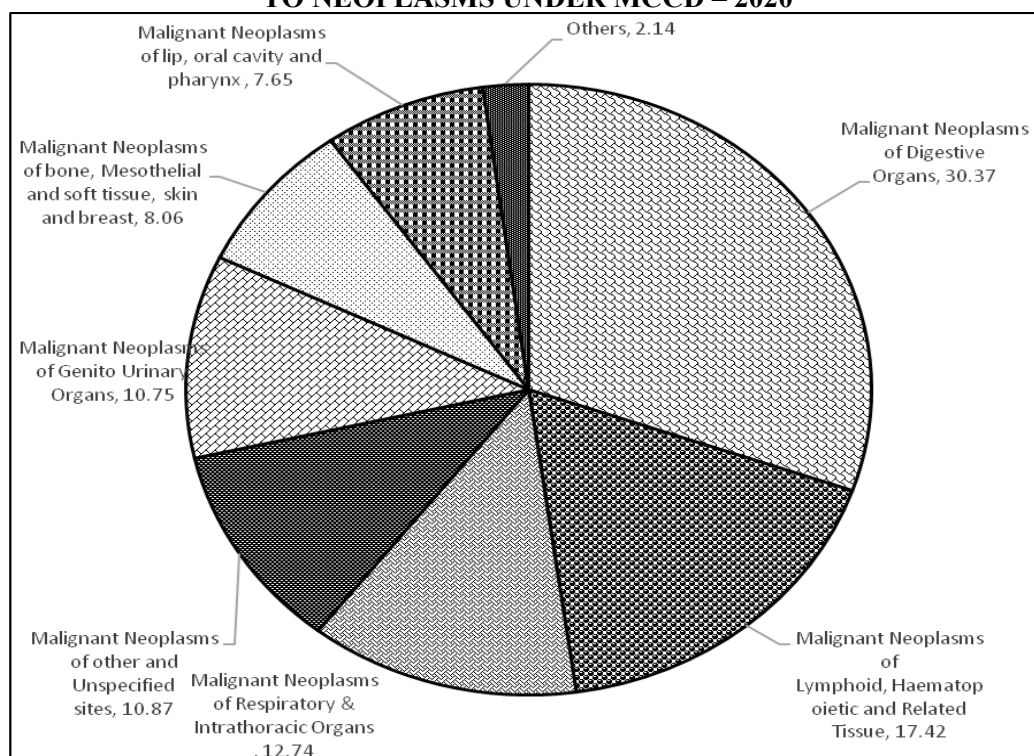
Statement- 11

Distribution of Major Causes of Deaths Due to Neoplasms under MCCD–2020

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Malignant Neoplasms of Digestive Organs	2353	33.11	1361	26.56	3714	30.37	2.34
2	Malignant Neoplasms of Lymphoid, Haematopoietic and Related Tissue	1408	19.81	722	14.09	2130	17.42	1.34
3	Malignant Neoplasms of Respiratory & Intrathoracic Organs	1080	15.20	478	9.33	1558	12.74	0.98
4	Malignant Neoplasms of other and Unspecified sites	841	11.84	488	9.52	1329	10.87	0.84
5	Malignant Neoplasms of Genito Urinary Organs	508	7.15	807	15.75	1315	10.75	0.83
6	Malignant Neoplasms of bone, Mesothelial and soft tissue, skin and breast	76	1.07	910	17.76	986	8.06	0.59
7	Malignant Neoplasms of lip, oral cavity and pharynx	691	9.72	245	4.78	936	7.65	0.62
8	Others	149	2.10	113	2.21	262	2.14	0.17
	Total Medically Certified Deaths due to Neoplasms	7106	100.00	5124	100.00	12230	100.00	7.71
	Deaths due to Neoplasms as percentage to total medically certified deaths		6.90		9.21		7.71	

CHART – 9

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO NEOPLASMS UNDER MCCD – 2020



3.9.1 Among the Neoplasm deaths, *‘Malignant Neoplasm of Digestive Organs’* accounts for the highest mortality of 30.37 percent, followed by *‘Malignant of Lymphoid, haematopoetic & other related tissue’* (17.42 per cent), *‘Malignant Neoplasms of Respiratory & Intrathoracic Organs’* (12.74 per cent), *‘Malignant Neoplasm of of other and Unspecified sites’* (10.87 per cent). The share of deaths due to Malignant Neoplasms of Digestive Organs is in Male is 33.11 per cent as against 26.56 per cent of corresponding female deaths. The percentage of female deaths due to *‘Malignant Neoplasm of Genitourinary organs’* to total female neoplasm deaths is 15.75 per cent as compared to 7.15 per cent of corresponding male deaths. In female deaths due to *‘Malignant Neoplasm of Genitourinary organs’* proportion of deaths due to Cervical cancer and Ovary is 72.37 per cent. Among female deaths caused by *‘Malignant Neoplasms of bone, mesothelial and soft tissue, skin and breast’*, 841 (92.42 per cent) are due to breast cancer. Breast cancer alone accounts for around 16.41 per cent of total female Neoplasm deaths. Among deaths caused by *‘Malignant Neoplasm of Respiratory and Intra Thoracic Organs’* about 90.56 per cent is due to Lung Cancer in male in their respective group. Lung Cancer alone accounts for around 13.58 per cent of total male Neoplasm deaths.

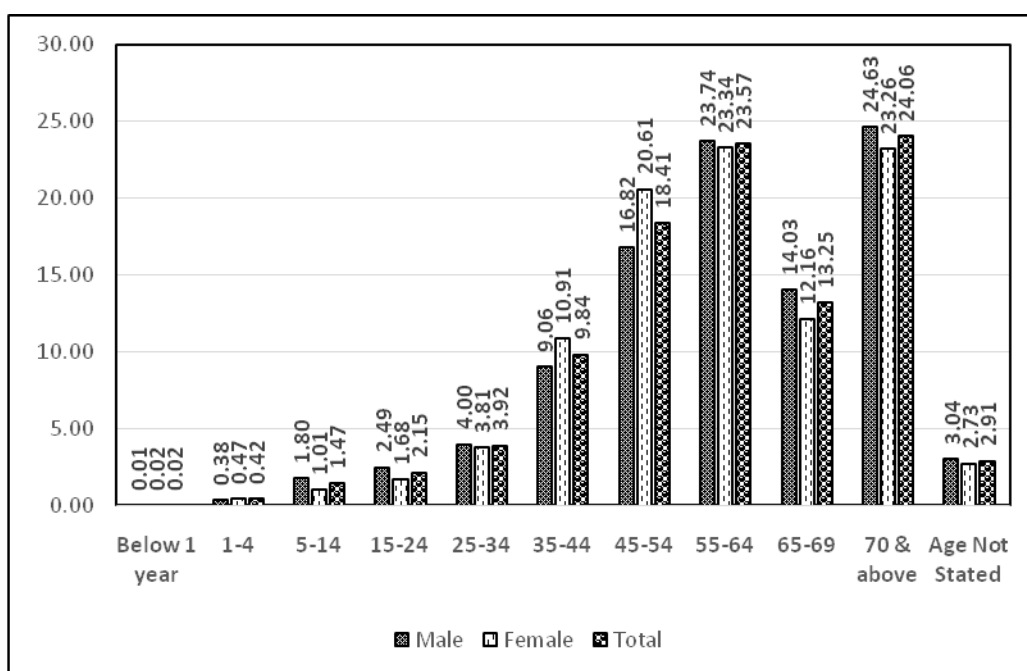
3.9.2 The incidence of Neoplasm death is reported to be the highest i.e. 24.06 per cent in the age group above 70 years (24.63 per cent of males and 23.26 per cent of females), followed by the age group 55-64 years recording 23.57 per cent of deaths (23.74 per cent of males and 23.34 per cent of females). Around 90 per cent of total Neoplasm deaths is concentrated in the age-group ‘35 years and above’. It is supportive of age as a major risk factor of Neoplasm deaths as indicated in epidemiological literature. The age composition of deaths due to ‘Neoplasm’ is presented in **Statement-12** and **Chart-10**.

Statement- 12

Age Distribution of Deaths Due to Neoplasm Under MCCD-2020

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	1	0.01	1	0.02	2	0.02
2	1-4	27	0.38	24	0.47	51	0.42
3	5-14	128	1.80	52	1.01	180	1.47
4	15-24	177	2.49	86	1.68	263	2.15
5	25-34	284	4.00	195	3.81	479	3.92
6	35-44	644	9.06	559	10.91	1203	9.84
7	45-54	1195	16.82	1056	20.61	2251	18.41
8	55-64	1687	23.74	1196	23.34	2883	23.57
9	65-69	997	14.03	623	12.16	1620	13.25
10	70 & above	1750	24.63	1192	23.26	2942	24.06
11	Age Not Stated	216	3.04	140	2.73	356	2.91
	Total	7106	100.00	5124	100.00	12230	100.00

CHART- 10
AGE DISTRIBUTION OF DEATHS DUE TO NEOPLASM UNDER MCCD-2020



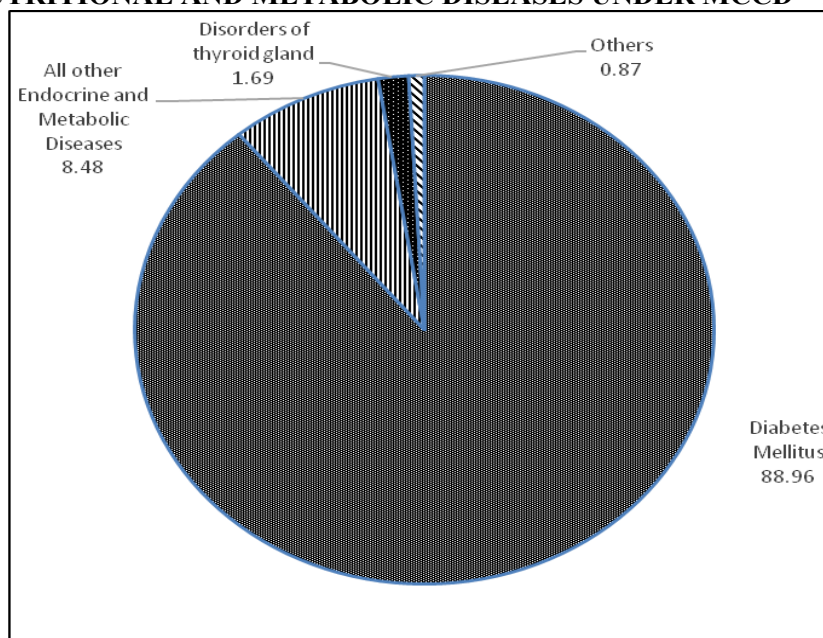
3.10 Endocrine, Nutritional and Metabolic Diseases (IV) : This is the Fifth leading cause group has contributed to 7.47 per cent of the total medically certified deaths. Under this cause group, '*Diabetes Mellitus*' that causes serious health complications such as renal failures, heart disease, stroke and blindness is a disease in which Pancreas no longer produces enough insulin or when cells stop responding to the insulin that is produced, so that glucose in the blood cannot be absorbed into the cells of the body is the leading cause of death. It alone accounts for 88.96 per cent of total deaths reported under the cause group. The share of Diabetes Mellitus in total medically certified deaths is 6.64 percent. The distribution of major causes of deaths under this group is given in **Statement-13** and is depicted in the **Chart-11**.

Statement – 13
Distribution of Deaths due to Endocrine, Nutritional and Metabolic Diseases
under MCCD – 2020

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diabetes Mellitus	6428	89.83	4107	87.64	10535	88.96	6.64
2	All other Endocrine and Metabolic Diseases	610	8.52	394	8.41	1004	8.48	0.63
3	Disorders of thyroid gland	62	0.87	138	2.94	200	1.69	0.13
4	Others	56	0.78	47	1.00	103	0.87	0.06
	Total Medically Certified Deaths due to Endocrine, Nutritional and Metabolic Diseases	7156	100.00	4686	100.00	11842	100.00	7.47
	Deaths due to Diseases of Endocrine, Nutritional and metabolic Diseases as percentage to total medically certified deaths		6.95		8.42		7.47	

Chart – 11

PERCENTAGE DISTRIBUTION OF DEATHS DUE TO ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES UNDER MCCD – 2020



3.10.1 The incidence of '*Diabetes Mellitus*' death is reported to be the highest for the age group 70 and above (35.15 per cent). The **Statement-14** reveals that the deaths due to this disease are concentrated in the age 45 years and above, contributing around 89.27 per cent of the total Diabetes Mellitus deaths under MCCD.

Statement – 14
Age Distribution of Deaths Due to Diabetes Mellitus Under
MCCD – 2020

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0	0	0	0	0
2	1-4	0	0.00	0	0	0	0.00
3	5-14	14	0.22	24	0.58	38	0.36
4	15-24	32	0.50	26	0.63	58	0.55
5	25-34	117	1.82	53	1.29	170	1.61
6	35-44	350	5.44	176	4.29	526	4.99
7	45-54	978	15.21	537	13.08	1515	14.38
8	55-64	1631	25.37	993	24.18	2624	24.91
9	65-69	946	14.72	617	15.02	1563	14.84
10	70 & above	2128	33.11	1575	38.35	3703	35.15
11	Age Not Stated	232	3.61	106	2.58	338	3.21
	Total	6428	100.00	4107	100.00	10535	100.00

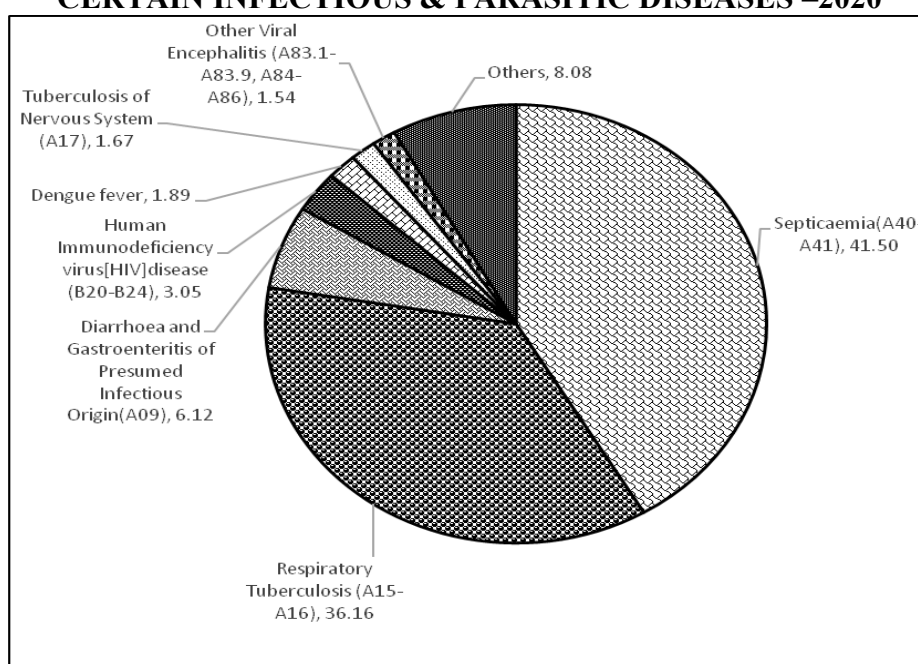
3.11 Certain Infectious and Parasitic Diseases (I):

It is the Sixth leading cause group of disease accounting for 7.33 per cent of total medically certified deaths, which constitute 7.20 per cent of male and 7.58 per cent of female medically certified deaths of their respective totals. The distribution of major components under this cause group is shown in the **Statement-15** and is depicted in **Chart - 12**.

Statement -15
Distribution of Major Causes of Deaths among Certain Infectious and Parasitic Diseases Under MCCD-2020

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Septicaemia(A40-A41)	2987	40.32	1837	43.56	4824	41.50	3.04
2	Respiratory Tuberculosis (A15-A16)	2926	39.50	1278	30.31	4204	36.16	2.65
3	Diarrhoea and Gastroenteritis of Presumed Infectious Origin(A09)	376	5.08	335	7.94	711	6.12	0.45
4	Human Immunodeficiency virus[HIV]disease (B20-B24)	212	2.86	142	3.37	354	3.05	0.22
5	Dengue fever	120	1.62	100	2.37	220	1.89	0.14
6	Tuberculosis of Nervous System (A17)	114	1.54	80	1.90	194	1.67	0.12
7	Other Viral Encephalitis (A83.1-A83.9, A84-A86)	98	1.32	81	1.92	179	1.54	0.11
	Others	575	7.76	364	8.63	939	8.08	0.59
	Total Medically Certified Deaths due to Certain Infectious and Parasitic Diseases	7408	100.00	4217	100.00	11625	100.00	7.33
	Deaths due to Infectious and Parasitic Disease as percentage to total medically certified deaths		7.20		7.58		7.33	

Chart – 12
PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN INFECTIOUS & PARASITIC DISEASES –2020



3.11.1 Among the *Certain Infectious and Parasitic Diseases*, ‘*Septicemia*’ is the highest reported medically certified cause of mortality, constituting around **41.50 per cent**, followed by ‘*Respiratory Tuberculosis*’ (**36.16 per cent**). Under this major group, percentage of *Septicemia* deaths in females is **43.56 per cent** as against **40.32 per cent** of males out of their respective totals. The share of ‘*Diarrhoea & Gastroenteritis of presumed Infectious Origin*’ ‘*Human Immunodeficiency virus [HIV] disease*’ and ‘*Dengue fever*’ in the total deaths under this group are **6.12, 3.05 and 1.89 per cent** respectively.

3.11.2 The age distribution of medically certified deaths due to ‘*Certain Infectious and Parasitic Diseases*’ has been given in below **Statement-16** and is presented in **Chart-13**.

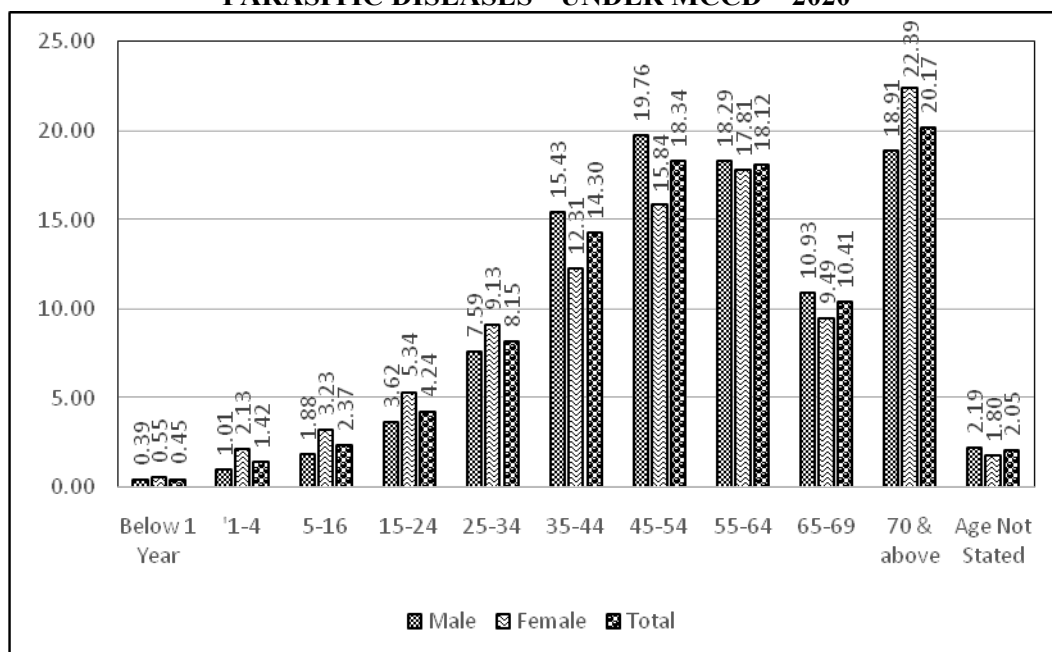
Statement-16

Age Distribution of Deaths due to Certain Infectious and Parasitic Diseases Under MCCD-2020

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	29	0.39	23	0.55	52	0.45
2	1-4	75	1.01	90	2.13	165	1.42
3	5-16	139	1.88	136	3.23	275	2.37
4	15-24	268	3.62	225	5.34	493	4.24
5	25-34	562	7.59	385	9.13	947	8.15
6	35-44	1143	15.43	519	12.31	1662	14.30
7	45-54	1464	19.76	668	15.84	2132	18.34
8	55-64	1355	18.29	751	17.81	2106	18.12
9	65-69	810	10.93	400	9.49	1210	10.41
10	70 & above	1401	18.91	944	22.39	2345	20.17
11	Age Not Stated	162	2.19	76	1.80	238	2.05
	Total	7408	100.00	4217	100.00	11625	100.00

Chart -13

AGE DISRIBUTION OF DEATHS DUE TO “CERTAIN INFECTIOUS & PARASITIC DISEASES” UNDER MCCD – 2020



As shown in the **Statement-16**, the highest incidence of deaths (20.17 per cent) is reported for the age group 70 and above years, closely followed by age groups 45-54 years (18.34 per cent) and in the age groups 55-64 years (18.12 per cent). The age-group 35-44 years has contributed to around 14.30 per cent of total deaths under the cause group ‘*Certain Infectious and Parasitic Diseases*’.

3.12 Diseases of the Genito-Urinary System (XIV)

It is the Seventh leading cause group of disease accounting for 4.99 per cent of total medically certified deaths, which constitute 5.06 per cent of male and 4.85 per cent of female medically certified deaths of their respective totals.

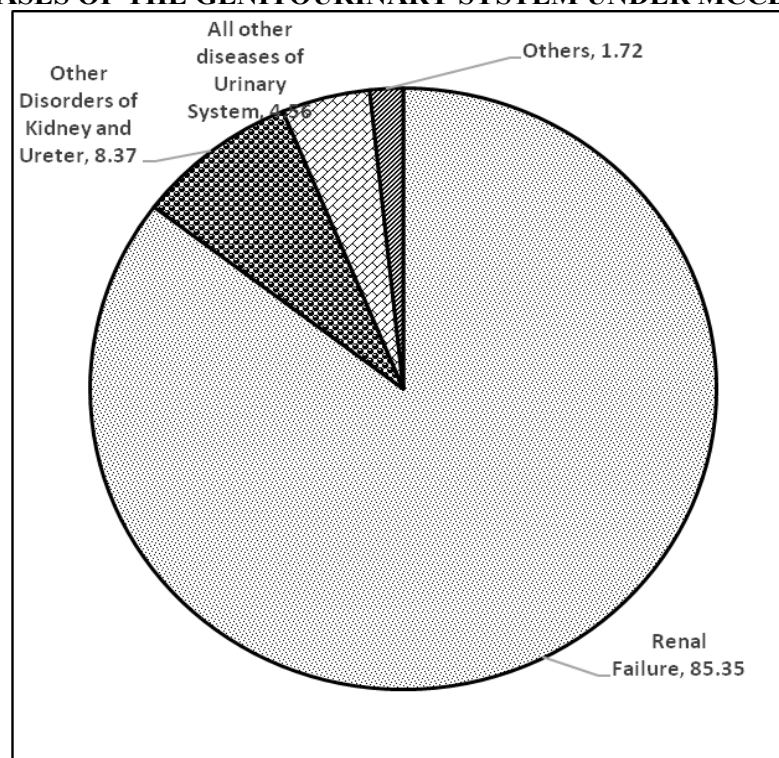
Out of every hundred medically certified deaths, around five are reported from ‘*Diseases of Genitourinary System*’. Renal failure is the cause of maximum deaths (85.35 per cent) under the ‘*Genitourinary System*’ with the overall share of 4.26 per cent in total medically certified deaths. The distribution of major causes under this group is given in **Statement-17** and is shown in **Chart-14**.

Statement – 17
Distribution of Major Causes of Deaths Due to Diseases of the
Genitourinary System Under MCCD – 2020

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Renal Failure	4522	86.81	2228	82.52	6750	85.35	4.26
2	Other Disorders of Kidney and Ureter	424	8.14	238	8.81	662	8.37	0.42
3	All other diseases of Urinary System	178	3.42	183	6.78	361	4.56	0.23
4	Others	85	1.63	51	1.89	136	1.72	0.09
	Total Medically Certified Deaths due to Genito- urinary System	5209	100.00	2700	100.00	7909	100.00	4.99
	Deaths due to Diseases of Genitourinary System as percentage to total Medically certified Deaths		5.06		4.85		4.99	

CHART – 14

PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE GENITOURINARY SYSTEM UNDER MCCD – 2020



3.12.1 The incidence of '*Renal failure*' death is reported to be, the highest for the age '*70 and above years*' (27.96 per cent). The **Statement-18** reveals that the deaths

due to this disease are concentrated in the age 45 years and above, contributing around 79.79 per cent of total deaths reported under MCCD due to renal failure.

Statement – 18

Age Distribution of Deaths Due to Renal Failure Under MCCD-2020

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 year	0	0	0	0	0	0
2	1-4	0	0	0	0	0	0
3	5-14	31	0.69	31	1.39	62	0.92
4	15-24	95	2.10	71	3.19	166	2.46
5	25-34	205	4.53	121	5.43	326	4.83
6	35-44	393	8.69	177	7.94	570	8.44
7	45-54	789	17.45	359	16.11	1148	17.01
8	55-64	1014	22.42	464	20.83	1478	21.90
9	65-69	587	12.98	286	12.84	873	12.93
10	70 & above	1235	27.31	652	29.26	1887	27.96
11	Age Not stated	173	3.83	67	3.01	240	3.56
	Total	4522	100.00	2228	100.00	6750	100.00

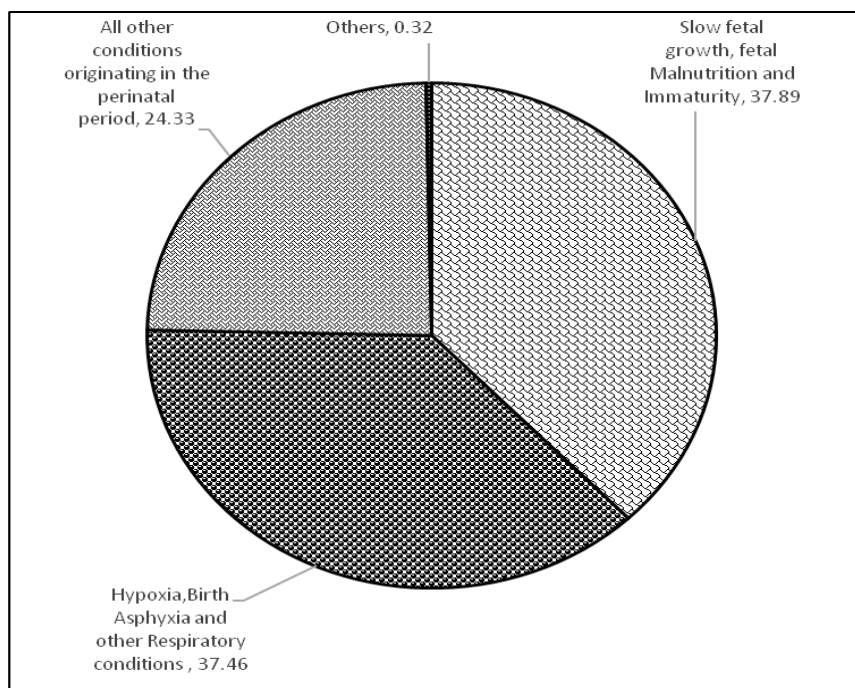
3.13 Certain Conditions Originating in the Perinatal Period (XVI):

The group of diseases relating to '*Certain conditions originating in the Perinatal Period*' is the Eighth leading cause of death, accounting 4.87 per cent of the total medically certified deaths. This has contributed to 4.39 per cent of male and 5.77 per cent of female medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-19** and is portrayed in the **Chart-15**.

Statement- 19
Distribution of Deaths due to Certain Conditions Originating in the Perinatal Period Under MCCD-2020

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Slow fetal growth, fetal Malnutrition and Immaturity	1666	36.90	1262	39.28	2928	37.89	1.85
2	Hypoxia,Birth Asphyxia and other Respiratory conditions	1748	38.72	1147	35.70	2895	37.46	1.83
3	All other conditions originating in the perinatal period	1089	24.12	791	24.62	1880	24.33	1.19
4	Others	12	0.27	13	0.40	25	0.32	0.02
	Total Medically Certified Deaths due to certain Conditions Originating in the Perinatal Period	4515	100.00	3213	100.00	7728	100.00	4.87
	Deaths due to certain Conditions Originating in the Perinatal Period as percentage to total Medically Certified Deaths		4.39		5.77		4.87	

Chart – 15
PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS DUE TO CERTAIN CONDITIONS ORIGINATING IN PERINATAL PERIOD –2020



Other Causes of Death

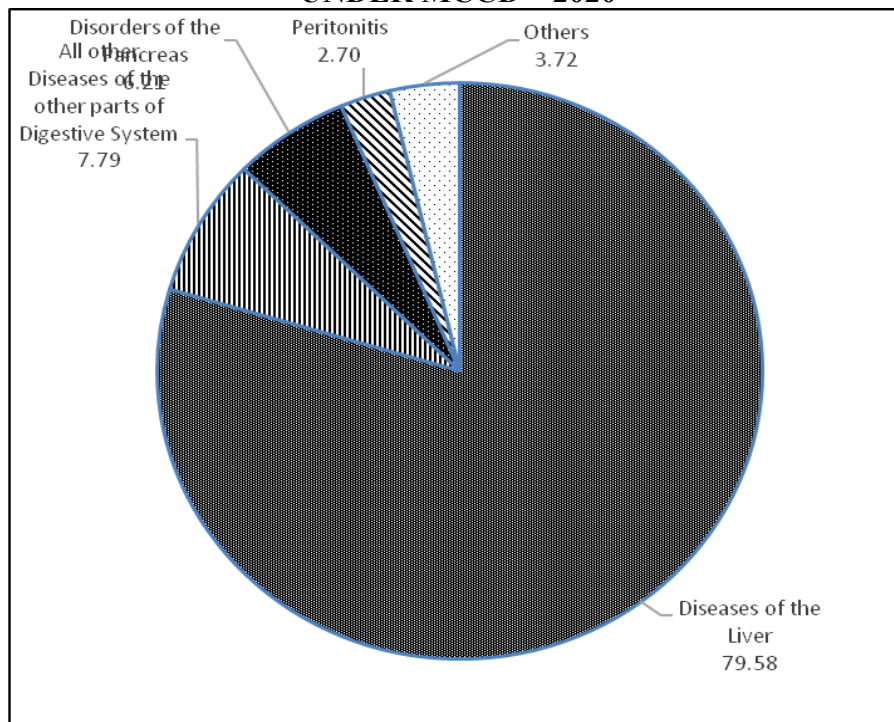
3.14 Diseases of the Digestive System (XI)

The major group comprising '*Diseases of Digestive system*' is the Eighth leading cause group, responsible for 4.56 per cent of the total medically certified deaths with 5.63 per cent of male and 2.57 per cent of female deaths. The percentage of male digestive disorder deaths to total medically certified is more than double to that of corresponding female figures. The distribution of major causes of deaths under this group is given in the **Statement-20** and is highlighted in **Chart-16**.

Statement – 20
Distribution of Deaths due to Digestive System Under MCCD-2020

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Diseases of the Liver	4682	80.78	1070	74.72	5752	79.58	3.63
2	All other Diseases of the other parts of Digestive System	411	7.09	152	10.61	563	7.79	0.35
3	Disorders of the Pancreas	382	6.59	67	4.68	449	6.21	0.28
4	Peritonitis	142	2.45	53	3.70	195	2.70	0.12
5	Others	179	3.09	90	6.28	269	3.72	0.17
	Total Medically Certified Deaths due to Digestive System	5796	100.00	1432	100.00	7228	100.00	4.56
	Deaths due to Diseases of Digestive System as percentage to total medically certified deaths		5.63		2.57		4.56	

CHART – 16
PERCENTAGE DISTRIBUTION OF DEATHS DUE TO DIGESTIVE SYSTEM UNDER MCCD – 2020



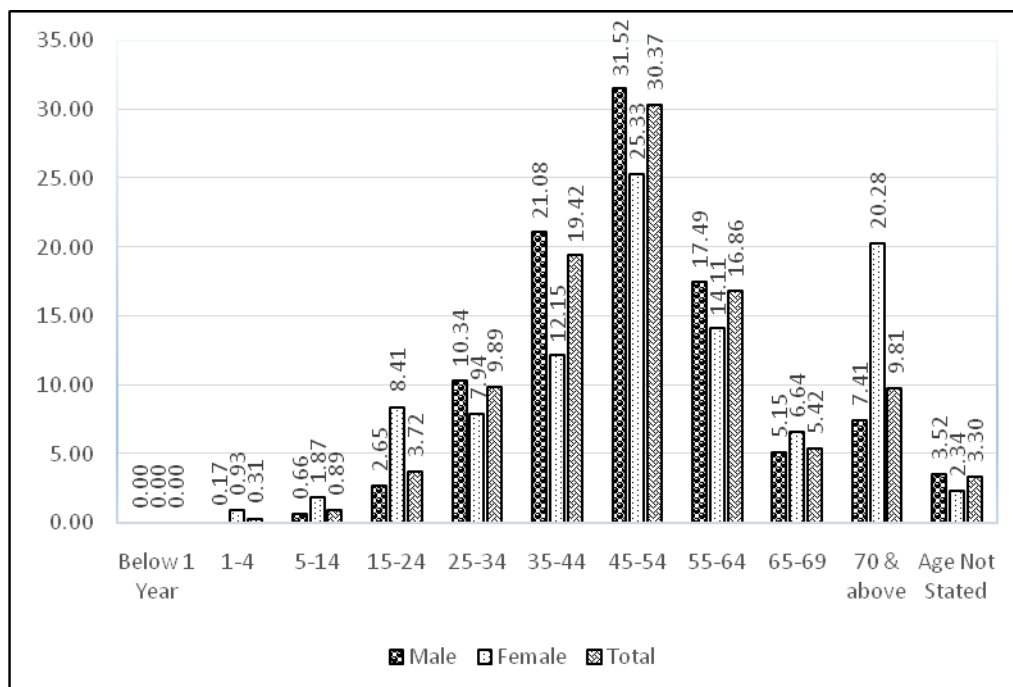
3.14.1 Among the deaths due to disorders of digestive system, '*Diseases of the Liver*' account for 79.58 per cent of the total medically certified deaths in this group. The share of liver diseases is about 3.63 per cent among the total medically certified deaths. '*All other Diseases of the other parts of the Digestive System*' and '*Disorders of the Pancreas*' also have responsible for 7.79 per cent and 6.21 per cent of total deaths under this major cause group.

3.14.2 The **Statement- 21** reveals that the age group '45-54 years' have reported the maximum deaths (30.37 per cent) under the major group '*Diseases of Digestive System*'. As high as 91.78 per cent of the total deaths caused by digestive system disorder are concentrated in the age-group 25 years and above. This is highlighted in **Chart-17**.

Statement - 21
Age Distribution of Deaths due to Digestive System Under
MCCD-2020

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	0	0	0	0.00	0	0.00
2	1-4	8	0.17	10	0.93	18	0.31
3	5-14	31	0.66	20	1.87	51	0.89
4	15-24	124	2.65	90	8.41	214	3.72
5	25-34	484	10.34	85	7.94	569	9.89
6	35-44	987	21.08	130	12.15	1117	19.42
7	45-54	1476	31.52	271	25.33	1747	30.37
8	55-64	819	17.49	151	14.11	970	16.86
9	65-69	241	5.15	71	6.64	312	5.42
10	70 & above	347	7.41	217	20.28	564	9.81
11	Age Not Stated	165	3.52	25	2.34	190	3.30
	Total	4682	100.00	1070	100.00	5752	100.00

CHART - 17
AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF DIGESTIVE SYSTEM UNDER MCCD – 2020



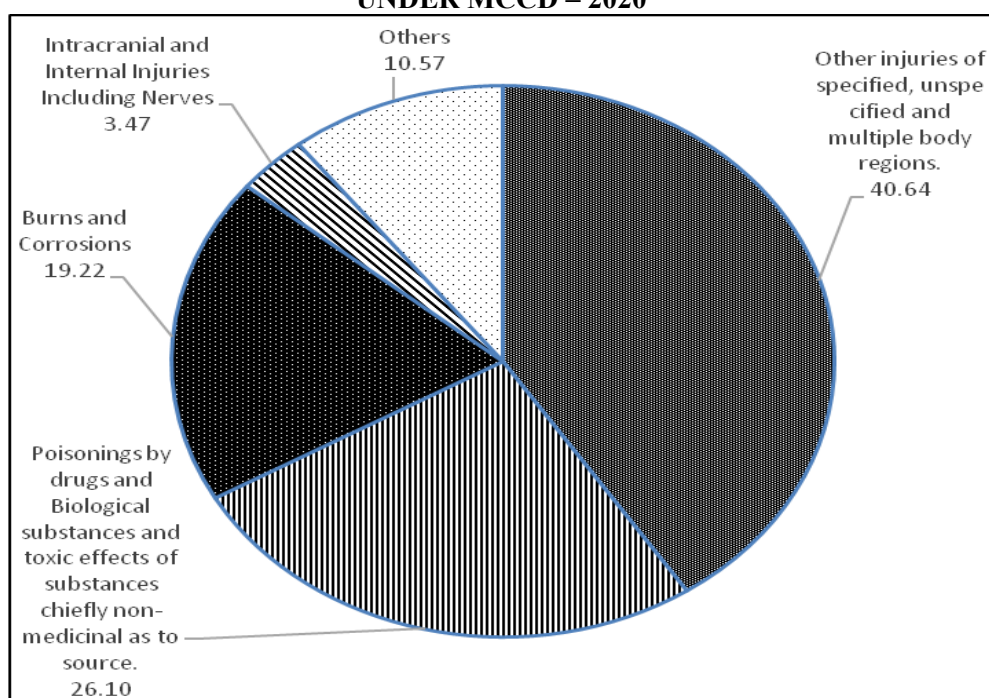
3.15 Injury, Poisoning and Certain Other Consequences of External Causes (XIX):

The leading cause group responsible for **4.58** per cent of total medically certified deaths. This has caused **5.15** per cent of male and **3.54** per cent of female deaths. Under this cause group by *‘Other Injuries of specified and unspecified and multiple body regions’* with 2367 male and 587 female deaths (40.64 per cent) this is followed by *‘Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medicinal as to source’* alone have contributed to 26.10 per cent of the total deaths and *‘Burns and Corrosions’* (**19.22 per cent**). Death due to Burns and corrosions among females is 25.98 per cent as compared to 16.71 per cent among males, under this major group. The distribution of chief constituents of the major cause group is given in the **Statement-22** and is depicted in **Chart-18**.

Statement - 22
Distribution of Deaths due to Injury, Poisoning and Certain other consequences of External causes Under MCCD-2020

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other injuries of specified, unspecified and multiple body regions.	2367	44.69	587	29.78	2954	40.64	1.86
2	Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medicinal as to source.	1329	25.09	568	28.82	1897	26.10	1.20
3	Burns and Corrosions	885	16.71	512	25.98	1397	19.22	0.88
4	Intracranial and Internal Injuries Including Nerves	184	3.47	68	3.45	252	3.47	0.16
5	Others	532	10.04	236	11.97	768	10.57	0.48
	Total Medically Certified Deaths due to Diseases of Injury, Poisoning and Certain Other Consequences of External causes.	5297	100.00	1971	100.00	7268	100.00	4.58
	Deaths due to Injury, Poisoning and Certain other consequences of External causes as percentage to total medically certified deaths		5.15		3.54		4.58	

Chart - 18
PERCENTAGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING & CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD – 2020



3.15.1 As revealed from the **Statement-23** the highest share of deaths (19.85 per cent) is reported for the age group 25-34 years. This is followed by age groups 35-44 years (17.03 per cent) and 45-54 years (16.84 per cent). These three age-groups together accounts for about 53.73 per cent of deaths, implying that the working age groups is much more prone to deaths due to this major group. Age- group wise distribution of deaths due to *'Injury, Poisoning and Certain Other Consequences of External Cause'* is presented in **Chart-19**.

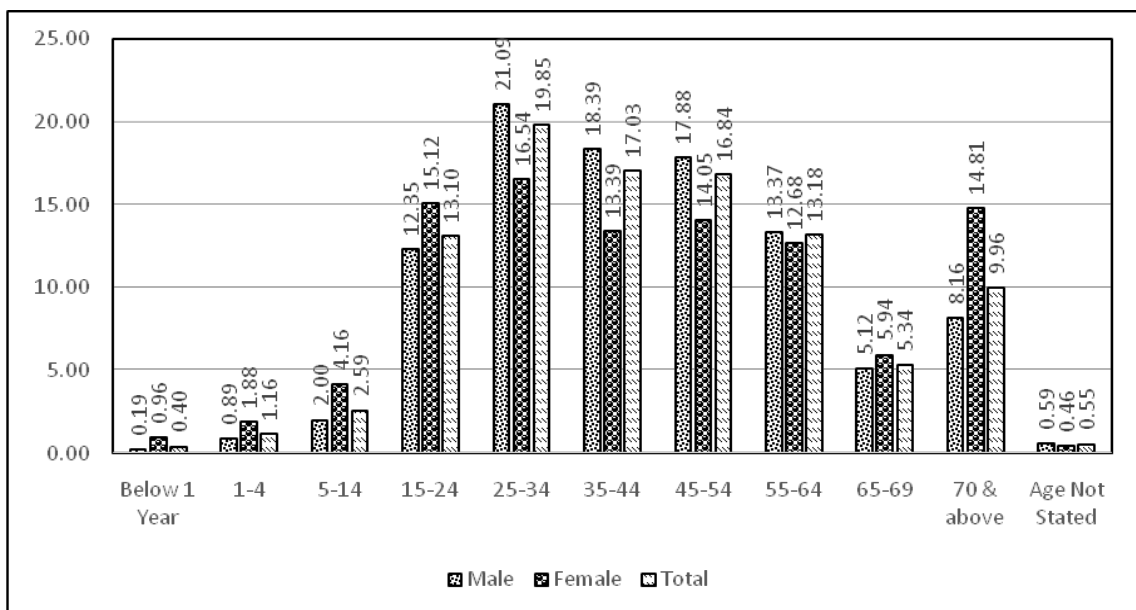
Statement-23

Age Distribution of Deaths due to Injury, Poisoning and Certain other Consequences of External causes Under MCCD-2020

Sl. No	Age Group (in Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	10	0.19	19	0.96	29	0.40
2	1-4	47	0.89	37	1.88	84	1.16
3	5-14	106	2.00	82	4.16	188	2.59
4	15-24	654	12.35	298	15.12	952	13.10
5	25-34	1117	21.09	326	16.54	1443	19.85
6	35-44	974	18.39	264	13.39	1238	17.03
7	45-54	947	17.88	277	14.05	1224	16.84
8	55-64	708	13.37	250	12.68	958	13.18
9	65-69	271	5.12	117	5.94	388	5.34
10	70 & above	432	8.16	292	14.81	724	9.96
11	Age Not Stated	31	0.59	9	0.46	40	0.55
	Total	5297	100.00	1971	100.00	7268	100.00

Chart – 19

AGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES UNDER MCCD-2020



3.15.2 Further analysis of deaths due to *‘Injury, Poisonings and Certain Other Consequences of External Causes’*, reveals that the absolute number of reported deaths caused by *‘Burns and Corrosion’* in case of males is more compare to females (885 males and 512 females). As detailed in the **Statement-24**, the highest number of deaths due to *‘Burns and Corrosion’* is concentrated in the age group 15-64 years, constituting around 79.17 per cent of deaths under this sub-group. The shares of this age group in the deaths due to *‘Other Injuries of specified, unspecified and multiple body regions’* and *‘Poisonings by drugs & Biological Substances and Toxic effects of substances chiefly non-medicinal as to source’* are around 85.13 per cent and 77.62 per cent respectively.

Statement-24

AGE DISTRIBUTION OF DEATHS DUE TO INJURY, POISONING, BURNS CORROSIONS AND OTHER INJURIES UNDER MCCD-2020

Sl. No	Age Group (In Years)	Age Distribution of Deaths Due to		
		Other injuries of specified, unspecified and multiple body regions	Poisonings by drugs and Biological substances and toxic effects of substances chiefly non-medical as to source	Burns and Corrosions
1	Below 1 year	0.44	0.21	0.43
2	1-4	0.95	0.37	2.86
3	5-14	2.34	2.53	3.58
4	15-24	11.71	16.34	12.53
5	25-34	16.76	20.35	24.48
6	35-44	14.79	18.03	18.32
7	45-54	18.31	18.19	13.53
8	55-64	16.05	12.23	10.31
9	65-69	6.87	4.43	3.72
10	70 & above	11.17	6.59	10.16
11	Age Not Stated	0.61	0.74	0.07
	Total	100.00	100.00	100.00

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

This leading major cause group responsible for 3.41 per cent of the total medically certified deaths of which 3.02 per cent of males and 4.11 per cent of female death. The high prevalence of causes of death being reported under this cause from the hospitals reporting Medical Certification of Cause of Death data, clearly suggests about the deficiency in clarification especially improper classification of causes of deaths by the attending doctors. As depicted in the **Statement-25**. *“All other Symptoms, Signs and Abnormal Clinical & Laboratory Findings Not Elsewhere Classified”* accounted for 61.71 per cent of the total deaths in this group. The age composition of deaths due to this cause group is depicted in the Statement – 26.

Statement-25
Distribution of Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not Elsewhere Classified Under MCCD-2020

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All other Symptoms, Signs and Abnormal Clinical & Laboratory findings ,not elsewhere classified	2003	64.34	1330	58.13	3333	61.71	2.10
2	Senility	1027	32.99	885	38.68	1912	35.40	1.21
3	Others	83	2.67	73	3.19	156	2.89	0.10
	Total medically Certified Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified	3113	100.00	2288	100.00	5401	100.00	3.41
	Deaths due to Diseases of Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified as percentage to total medically certified deaths		3.02		4.11		3.41	

Statement-26
Age Distribution of Deaths due to Symptoms Signs and Abnormal Clinical & Laboratory Findings not elsewhere classified Under MCCD -2020

Sl. No	Age Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	0	0.00	0	0.00	0	0.00
2	1-4	19	0.61	13	0.57	32	0.59
3	5-14	17	0.55	8	0.35	25	0.46
4	15-24	45	1.45	37	1.62	82	1.52
5	25-34	91	2.92	48	2.10	139	2.57
6	35-44	144	4.63	93	4.06	237	4.39
7	45-54	286	9.19	196	8.57	482	8.92
8	55-64	334	10.73	80	3.50	414	7.67
9	65-69	181	5.81	134	5.86	315	5.83
10	70 & above	1705	54.77	1514	66.17	3219	59.60
11	Age Not Stated	291	9.35	165	7.21	456	8.44
	Total	3113	100.00	2288	100.00	5401	100.00

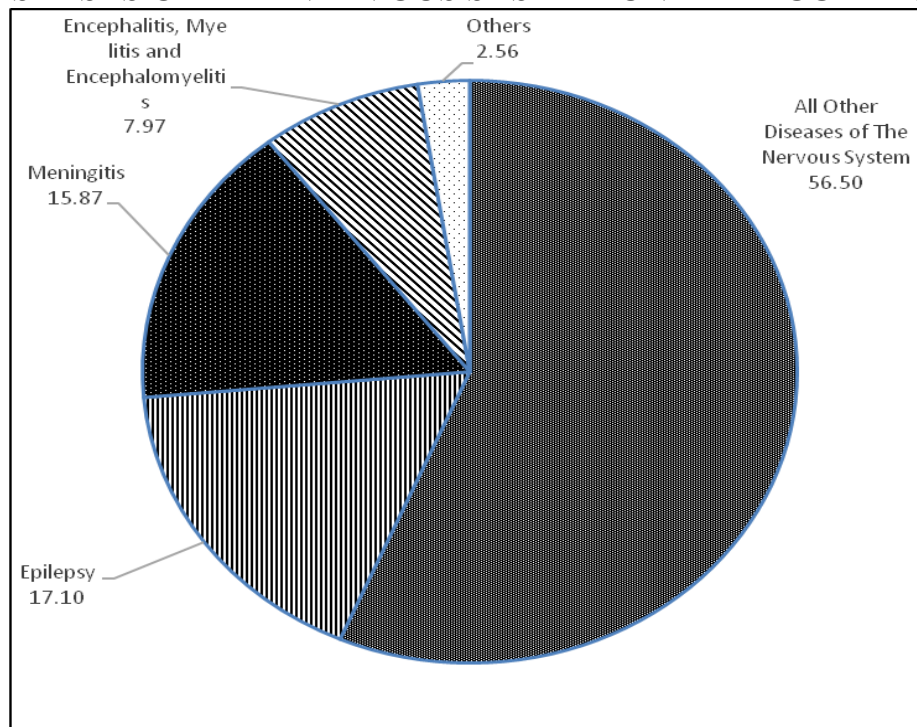
3.17 Diseases of the Nervous System (VI):

The cause group of Diseases of Nervous System is responsible for 2.46 per cent of the total medically certified deaths. The distribution of major causes of deaths under this group is shown in the **Statement-27** and is highlighted in **Chart-20**.

Statement - 27
Distribution of Major Causes of Deaths due to Diseases of the Nervous System under MCCD – 2020

Sl. No	Cause of Death	Male		Female		Total		% to Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	All Other Diseases of The Nervous System	1493	56.83	711	55.81	2204	56.50	1.39
2	Meningitis	455	17.32	212	16.64	667	17.10	0.42
3	Epilepsy	410	15.61	209	16.41	619	15.87	0.39
4	Encephalitis, Myelitis and Encephalomyelitis	206	7.84	105	8.24	311	7.97	0.20
5	Others	63	2.40	37	2.90	100	2.56	0.06
	Total Medically Certified Deaths due to Diseases of Nervous System	2627	100.00	1274	100.00	3901	100.00	2.46
	Deaths due to Diseases of Nervous System as percentage to total Medically Certified Deaths		2.55		2.29		2.46	

Chart-20
PERCENTAGE DISTRIBUTION OF MAJOR CAUSES OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDER MCCD – 2020



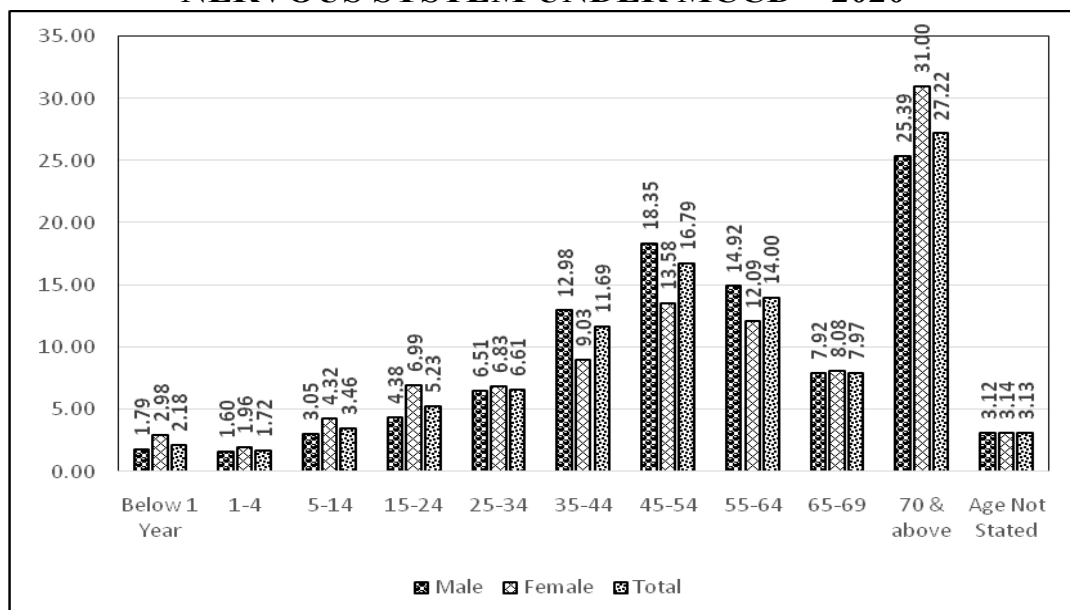
'All other Diseases of the Nervous System' accounts for the maximum (56.50 per cent) deaths reported under this group, followed by *'Meningitis'* (17.10 per cent) and *'Epilepsy'* (15.87 per cent). The share of *'Epilepsy'* in the total medically certified deaths is about 0.39 per cent.

3.17.1 The age group '70 & above' has reported the maximum deaths (27.22 per cent) under the major group *'Diseases of the Nervous System'*, this is followed by age groups 45-54 and 55-64 years have 16.79 per cent and 14.00 per cent respectively. Viewed from the angle of age, it affects worstly the age group below 1 year (2.18 per cent). The distribution of age-wise deaths is depicted in **Statement-28** and **Chart-21**.

Statement – 28
Age wise Distribution of Deaths Due to Diseases of the Nervous System Under MCCD - 2020

Sl. No	Age Group (In Years)	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Below 1 Year	47	1.79	38	2.98	85	2.18
2	1-4	42	1.60	25	1.96	67	1.72
3	5-14	80	3.05	55	4.32	135	3.46
4	15-24	115	4.38	89	6.99	204	5.23
5	25-34	171	6.51	87	6.83	258	6.61
6	35-44	341	12.98	115	9.03	456	11.69
7	45-54	482	18.35	173	13.58	655	16.79
8	55-64	392	14.92	154	12.09	546	14.00
9	65-69	208	7.92	103	8.08	311	7.97
10	70 & above	667	25.39	395	31.00	1062	27.22
11	Age Not Stated	82	3.12	40	3.14	122	3.13
	Total	2627	100.00	1274	100.00	3901	100.00

Chart- 21
AGE DISTRIBUTION OF DEATHS DUE TO DISEASES OF THE NERVOUS SYSTEM UNDER MCCD – 2020



3.18 Diseases of the Blood and Blood Forming Organs and Certain Disorders involving the Immune Mechanism (III):

The diseases under this cause group have contributed to 1.32 per cent of the total medically certified deaths. This cause group accounts for 1.09 per cent of total male and 1.74 per cent of total female medically certified deaths. “*Other Anaemias*” is the major cause constitutes around 89.81 per cent of total deaths reported in the cause group and 1.18 per cent of the total medically certified deaths. The distribution of major causes of deaths under this group is presented in **Statement-29**.

Statement-29

Distribution of Major Causes of Deaths due to Diseases of the Blood and Blood forming organs and Certain Disorders involving the Immune Mechanism Under MCCD-2020

Sl. No	Cause of Death	Male		Female		Total		% To Total Medically Certified Deaths
		No.	%	No.	%	No.	%	
1	Other Anaemias	988	87.98	890	91.94	1878	89.81	1.18
2	All other Diseases of Blood & Blood forming organs	122	10.86	67	6.92	189	9.04	0.12
3	Others	13	1.16	11	1.14	24	1.15	0.02
	Total medically Certified Deaths due to Blood and Blood forming organs and Immunity Mechanism	1123	100.00	968	100.00	2091	100.00	1.32
	Deaths due to Diseases of Blood and Blood forming organs and Immunity Mechanism as percentage to total medically certified deaths		1.09		1.74		1.32	

3.19 Congenital Malformations, Deformations and Chromosomal Abnormalities (XVII)

Merely 1716 deaths are reportedly caused by ‘*Congenital Malformations, deformations and Chromosomal abnormalities*’, constituting about 1.08 per cent of the total medically certified deaths. The majority of these deaths occur for age less than one year (1087 or 63.34 per cent to this group). Under this cause group, about 82.40 per cent deaths are caused by malformation of various Circulatory System. The distribution of major causes of death under this group is presented in **Statement – 30**.

Statement – 30
Distribution of Deaths due to 'Congenital Malformations, Deformations and Chromosomal Abnormalities' under MCCD – 2020

Sl. No	Cause of Death	Age Group (In years)			Percentage to total
		<1	1 year and above	Total	
			(Including age not specified)		
1	Spina Bifida	3	0	3	0.17
2	Congenital Malformations of the Circulatory System	940	474	1414	82.40
3	Cleft Lip and Cleft Palate	0	0	0	0.00
4	All other Congenital Malformations, Deformations & Chromosomal Abnormalities	144	155	299	17.42
	Total	1087	629	1716	
	Percentage to Total	63.34	36.66	100.00	

3.20 Diseases of the Skin and Subcutaneous Tissue (XII)

These diseases account for 408 medically certified deaths (0.26 per cent of the total medically certified deaths). This cause group accounts for 0.27 per cent of total male and 0.23 per cent of total female medically certified deaths. About 92.40 per cent of the deaths under the cause group are caused by *'Infections of the Skin and Subcutaneous Tissue'* (377 deaths).

3.21 Mental and Behavioural Disorders (V)

The group relating to Mental and Behavioural disorders accounts for 372 deaths (0.23 per cent of total medically certified deaths). The age group 25-69 years constitutes around 67.47 per cent of total deaths due to *'Mental and Behavioural Disorders'*. Under this cause group, the deaths due to *'Mental and Behavioural disorders due to Psychoactive Substance use'* constitutes the highest share (68.01 per cent) of total deaths. The ratio of males to females was disproportionate in this group (277 males to 95 females). The distribution of major causes of deaths under this group is presented in **Statement-31**.

Statement – 31
Distribution of Deaths due to Mental and Behavioural Disorders under MCCD
– 2020

Sl. No	Cause of Death	Age Group									% to Total
		<15	15-24	25-34	35-44	45-54	55-64	65-69	Others	Total	
1	Mental And Behavioural Disorders due to Psychoactive Substance use	0	6	19	26	30	87	32	53	253	68.01
2	Schizophrenia, Schizotypal & Delusional Disorders	0	0	0	2	1	6	7	16	32	8.60
3	All Other Mental Behavioural Disorders	0	3	3	5	4	16	13	43	87	23.39
	Total	0	9	22	33	35	109	52	112	372	100.00
	Percentage to total	0	2.4	5.91	8.87	9.41	29.30	52.00	30.11	100.00	

3.22 Complications of Pregnancy, Child birth and the Puerperium (XV)

The group consisting of '*Complications of Pregnancy, Childbirth and the Puerperium*' has reportedly caused 253 deaths (0.45 per cent of the total female medically certified deaths). As high as 93.28 per cent of deaths under this cause group have been due to obstetric causes like '*Oedema, Proteinuria and hypertensive disorders in Pregnancy, Child Birth and Puerperium*', '*Other Complications of Pregnancy and Delivery* and '*Complications Pre-dominantly Related to the Puerperium*', and some other related complications. The remaining 5.53 per cent deaths in this cause group are due to abortive outcome of Pregnancy such as Medical and Spontaneous Abortions and other obstetric conditions.

Statement - 32
Distribution of Deaths due to "Complication of Pregnancy,
Childbirth and the Puerperium "under MCCD – 2020

Sl. No	Cause of Death	No.	%	% to total female Medically Certified Deaths
1	Other Direct Obstetric Deaths	236	93.28	0.42
2	Pregnancy with Abortive Outcome	14	5.53	0.03
3	Other Obstetric Conditions not elsewhere Classified	3	1.19	0.01
	Total Medically Certified Deaths due to Complication of Pregnancy, Childbirth and Puerperium	253	100.00	0.45

3.23 Diseases of the Musculoskeletal System and Connective Tissue (XIII)

This has caused only 118 deaths i.e. around 0.07 per cent of total medically certified deaths.

3.24 The least harmful major causes are Diseases of the Eye and Adnexa (VII) and Diseases of the Ear and Mastoid Process (VIII). No significant mortality is reported due to these causes. 2 and 2 deaths occurred respectively due to this disease.

CHAPTER - IV

SCHEME OF MCCD :

SPECIFIC CAUSE OF MORTALITY IN
DIFFERENT AGE GROUPS

CHAPTER- IV

SPECIFIC CAUSE OF MORTALITY IN DIFFERENT AGE GROUPS

This chapter analyses the specific cause of mortality among different age groups by gender.

4.1. Infants: Out of the total medically certified deaths, around one - thirteenth has been reported for the Infants (children who could not complete their first birthday). The shares of male and female deaths to the corresponding totals of medically certified deaths are 5.08 per cent and 6.78 per cent respectively. The maximum incidence of death under this age group (85.89 per cent) has been reported to be caused by '*Certain conditions originating in the perinatal period*', which includes diseases **Slow Fetal Growth, Fetal Malnutrition and Immaturity, and Hypoxia, Birth Asphyxia and other Respiratory Conditions** (82.38 per cent). This is followed by '*Congenital Malformations, Deformations & Chromosomal Abnormalities*' (12.12 per cent) of which *Congenital Malformations of the Circulatory System* (79.37 per cent) is the major constituent. '*Diseases of the Nervous System (G00-G98)*' which constitute to about 0.61 per cent of the total infant deaths, assume third rank, having *Meningitis* (84.72 per cent) as the major killers. The distribution of mortality among infants by major cause groups has been given in **Statement-33** and is highlighted in **Chart -22**.

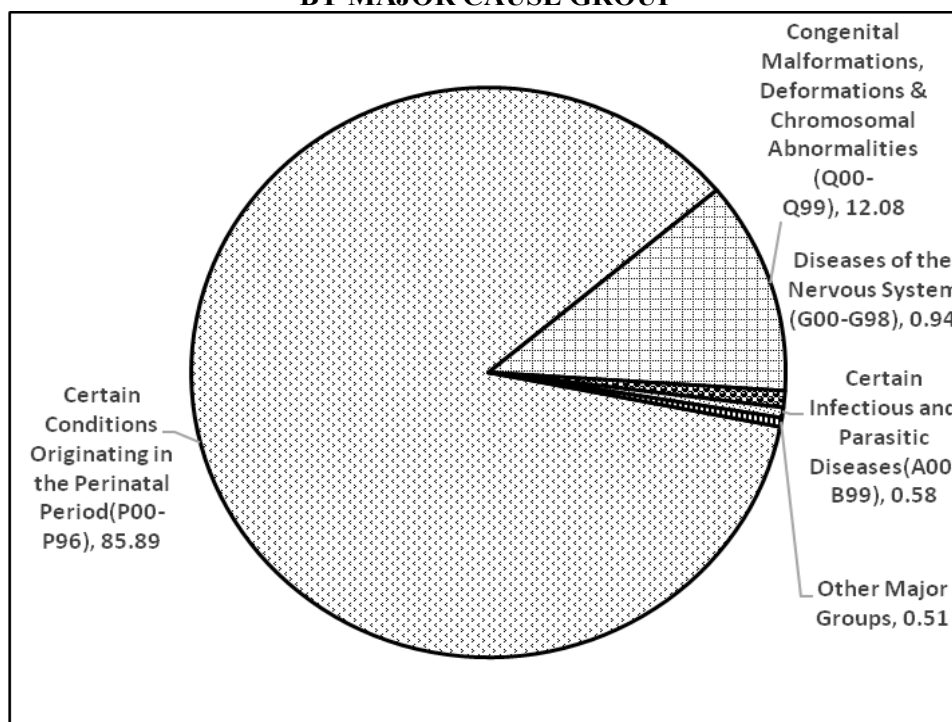
Statement – 33

Distribution of Mortality among Infants by Major Cause Group -2020

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Conditions Originating in the Perinatal Period(P00-P96)	4515	86.41	3213	85.16	7728	85.89
2	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	611	11.69	476	12.62	1087	12.08
3	Diseases of the Nervous System (G00-G98)	47	0.90	38	1.01	85	0.94
4	Certain Infectious and Parasitic Diseases(A00-B99)	29	0.56	23	0.61	52	0.58
5	Other Major Groups	23	0.44	23	0.61	46	0.51
	Total Medically Certified Deaths in the age group <1 Year	5225	100.00	3773	100.00	8998	100.00
	Deaths in the age group <1 year as percentage to total Medically certified deaths		5.08		6.78		5.67

Chart – 22

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG INFANTS BY MAJOR CAUSE GROUP



4.2 Children aged 1-4 year : Of the total medically certified deaths, 0.55 per cent has been reported from this age-group, accounting for 0.47 per cent and 0.70 per cent of total male and female medically certified deaths respectively. **‘Congenital Malformations, Deformations and Chromosomal Abnormalities’** rank first, constituting 34.75 per cent of total medically certified deaths in the age group under which ***Congenital Malformations of the Circulatory System*** is the leading cause contribute around 71.95 per cent of the deaths in Congenital Abnormalities group. **‘Certain infectious and Parasitic Diseases’** is the second leading cause contribute around 18.92 per cent of total medically certified deaths in the age group. ***Diarrhoea and Gastro enteritis of Presumed Infectious Origin*** (13.94 per cent), ***Septicaemia*** (40.61 per cent) are the major constituents. The third leading cause group of deaths, **‘Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)’** is responsible for 9.63 per cent of deaths in this age group. **‘Burns and Corrosions’** have taken about **47.62** per cent of the total deaths under this cause group. The distribution of mortality in the age group 1-4 years by major cause group has been given in **Statement-34** and **Chart 23**.

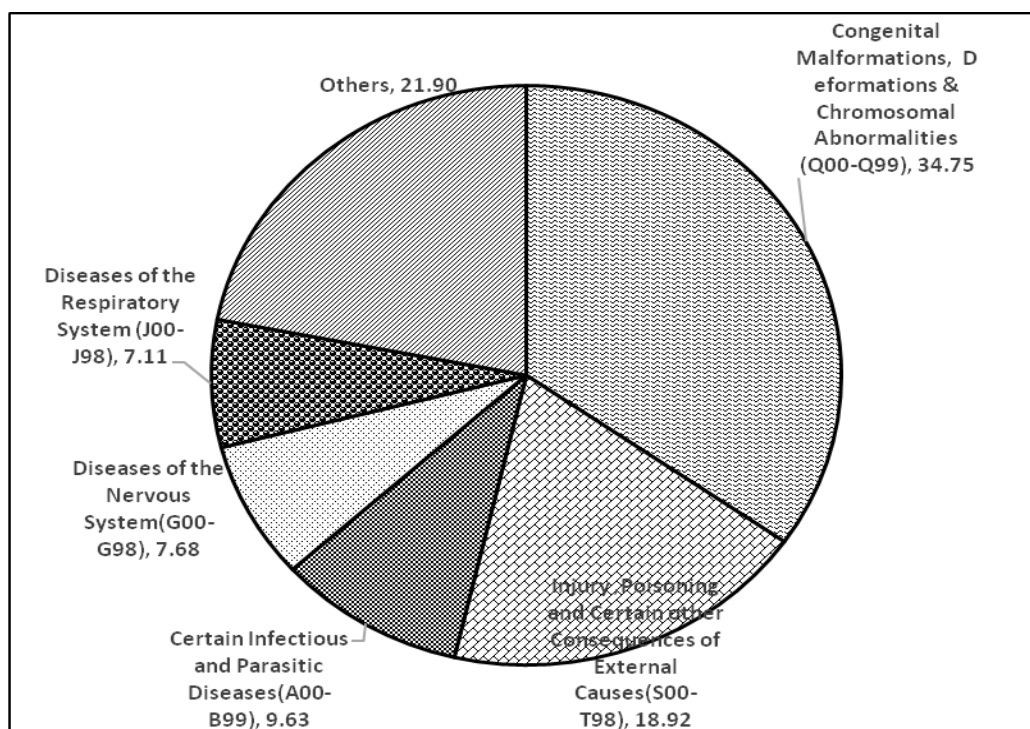
Statement – 34

**Distribution of Mortality among children in the Age Group 1-4 years
by Major Cause Group - 2020**

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Congenital Malformations, Deformations & Chromosomal Abnormalities (Q00-Q99)	178	36.78	125	32.22	303	34.75
2	Certain Infectious and Parasitic Diseases(A00-B99)	75	15.50	90	23.20	165	18.92
3	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	47	9.71	37	9.54	84	9.63
4	Diseases of the Nervous System(G00-G98)	42	8.68	25	6.44	67	7.68
5	Diseases of the Respiratory System (J00-J98)	34	7.02	28	7.22	62	7.11
6	Others	108	22.31	83	21.39	191	21.90
	Total Medically Certified Deaths in the age group 1-4 Years	484	100.00	388	100.00	872	100.00
	Deaths in the age group 1-4 year as percentage to total Medically certified deaths		0.47		0.70		0.55

CHART -23

**PERCENTAGE DISTRIBUTION OF MORTALITY AMONG CHILDREN IN THE
AGE GROUP 1-4 YEARS BY MAJOR CAUSE GROUP**



4.3 Children aged 0-4 year: Of the total medically certified deaths, 6.22 per cent has been reported from this age-group, accounting for 5.55 per cent and 7.48 per cent of total male and female medically certified deaths respectively. *‘Certain Conditions Originating in the Perinatal Period’* cause 78.30 per cent of deaths among this age group. *‘Congenital Malformations and Chromosomal Abnormalities’* caused 14.08 per cent of deaths followed by *‘Certain infectious and Parasitic Diseases’* 2.20 per cent, *‘Diseases of Nervous System’* 1.54 per cent and *‘Injury, Poisoning and Certain other Consequences of External Causes’* 1.14 per cent. Under this age group the distribution of mortality in the age group 0-4 years is by top 6 causes has been given in Statement-35.

Statement – 35

**Distribution of Mortality among children in the Age Group 0-4 years
by Major Cause Group - 2020**

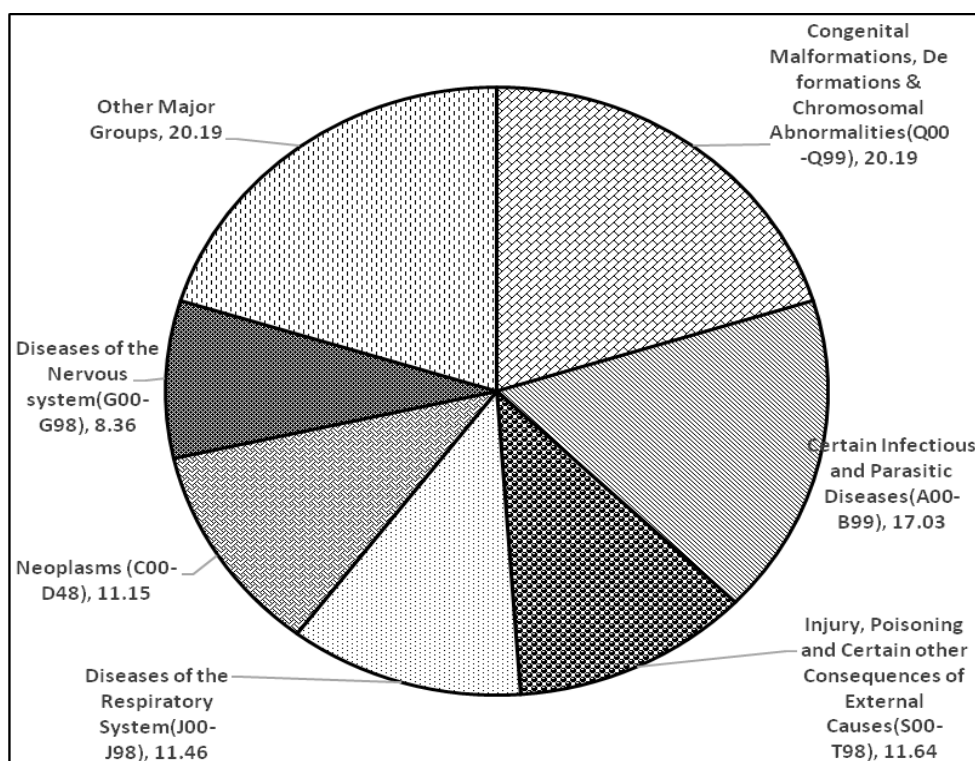
Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Certain Conditions Originating in the Perinatal Period(P00-P96)	4515	79.09	3213	77.22	7728	78.30
2	Congenital Malformations, Deformations & Chromosomal Abnormalities (Q00-Q99)	789	13.82	601	14.44	1390	14.08
3	Certain Infectious and Parasitic Diseases (A00-B99)	104	1.82	113	2.72	217	2.20
4	Diseases of the Nervous System (G00-G98)	89	1.56	63	1.51	152	1.54
5	Injury ,Poisoning and Certain other Consequences of External Causes (S00-T98)	57	1.00	56	1.35	113	1.14
6	Diseases of the Respiratory System (J00-J98)	34	0.60	28	0.67	62	0.63
7	Others	121	2.12	87	2.09	208	2.11
	Total Medically Certified Deaths in the age group 0-4 Years	5709	100.00	4161	100.00	9870	100.00
	Deaths in the age group 0-4 year as percentage to total Medically certified deaths		5.55		7.48		6.22

4.4 Children aged 5-14 years: The share of this age group in the total medically certified deaths is 1.02 per cent, and the share of Male and Female medically certified deaths are 0.90 per cent and 1.23 per cent to the total medically certified deaths respectively. Of the total reported deaths under this age group, the share of *‘Congenital Malformation, Deformation & Chromosomal Abnormalities’* (20.19 per cent), followed by *‘Certain infectious and Parasitic Diseases’* is 17.03 per cent *‘Injury, poisoning & Certain Other Consequences of External Causes (11.64 per cent), Diseases of the Respiratory System* (11.46 per cent), *Neoplasm* (11.15 per cent) and *Diseases of the Nervous System* (8.36 per cent). The Distribution of mortality in the age group 5-14 years, by major cause groups is given in **Statement- 36** and **Chart - 24**.

Statement – 36
Distribution of Mortality among children in the Age Group 5-14 years by
Major Cause group-2020

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Congenital Malformations, Deformations & Chromosomal Abnormalities(Q00-Q99)	201	21.59	125	18.27	326	20.19
2	Certain Infectious and Parasitic Diseases(A00-B99)	139	14.93	136	19.88	275	17.03
3	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	106	11.39	82	11.99	188	11.64
4	Diseases of the Respiratory System(J00-J98)	98	10.53	87	12.72	185	11.46
5	Neoplasms (C00-D48)	128	13.75	52	7.60	180	11.15
6	Diseases of the Nervous system(G00-G98)	80	8.59	55	8.04	135	8.36
7	Other Major Groups	179	19.23	147	21.49	326	20.19
	Total Medically Certified Deaths in the age group 5-14 Year	931	100.00	684	100.00	1615	100.00
	Deaths in the age group 5-14 year as percentage to total Medically certified deaths		0.90		1.23		1.02

CHART – 24
PERCENTAGE DISTRIBUTION OF MORTALITY AMONG CHILDREN IN THE AGE GROUP 5-14 YEARS BY MAJOR CAUSE GROUPS



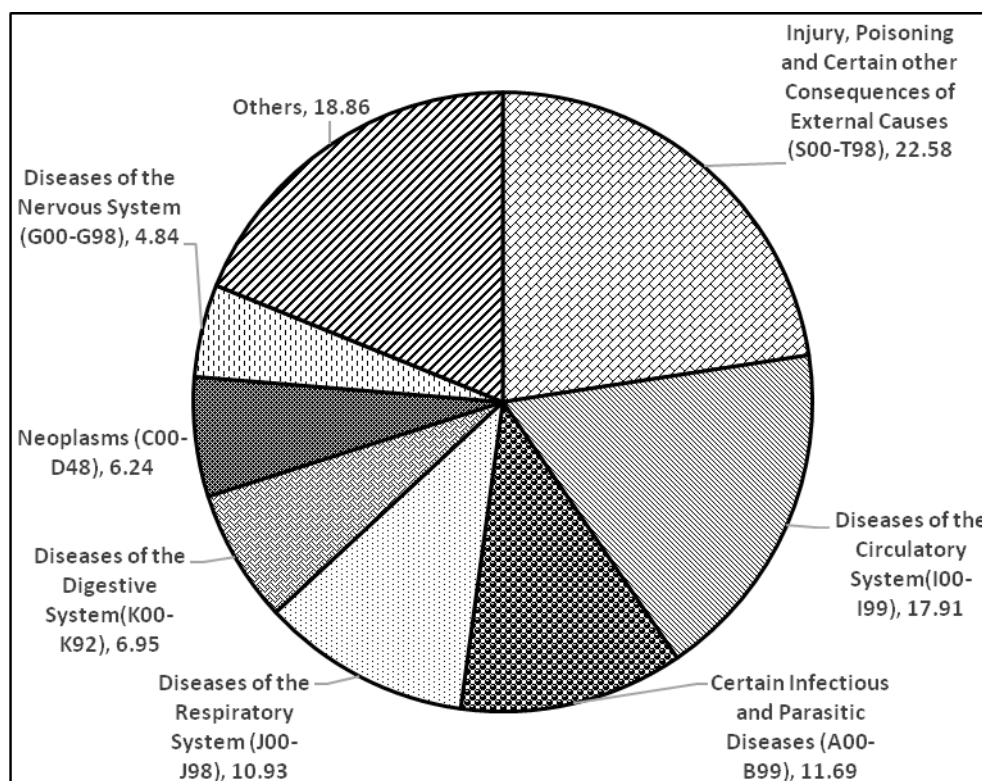
4.5 Persons aged 15-24 years: This age-group has contributed to 2.66 per cent of the total medically certified deaths and the share of male and female deaths to the corresponding total being 2.40 per cent and 3.14 per cent respectively. The category consisting of *“Injury, Poisoning & certain other consequences of External causes”* has caused the maximum deaths 22.58 per cent of total deaths reported under this age group. *“Diseases of the Circulatory System”*, *“Certain Infectious and Parasitic Diseases”*, *“Diseases of the Respiratory System”* and *“Diseases of the Digestive System”*, are other leading causes of deaths, accounting for 17.91 per cent, 11.69 per cent, 10.93 per cent and 6.95 per cent of deaths respectively. The distribution of mortality in the age group 15-24 years, by major cause groups has been shown in **Statement – 37** and **Chart-25**.

Statement – 37

Distribution of Mortality among persons in the Age Group 15-24 years by Major Cause Groups - 2020

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Injury, Poisoning and Certain other Consequences of External Causes (S00-T98)	654	26.48	298	17.07	952	22.58
5	Diseases of the Circulatory System(I00-I99)	460	18.62	295	16.90	755	17.91
3	Certain Infectious and Parasitic Diseases (A00-B99)	268	10.85	225	12.89	493	11.69
2	Diseases of the Respiratory System (J00-J98)	254	10.28	207	11.86	461	10.93
4	Diseases of the Digestive System(K00-K92)	173	7.00	120	6.87	293	6.95
6	Neoplasms (C00-D48)	177	7.17	86	4.93	263	6.24
7	Diseases of the Nervous System (G00-G98)	115	4.66	89	5.10	204	4.84
9	Others	369	14.94	426	24.40	795	18.86
	Total Medically Certified Deaths in the age group 15-24 Year	2470	100.00	1746	100.00	4216	100.00
	Deaths in the age group 15-24 year as percentage to total Medically certified deaths		2.40		3.14		2.66

Chart – 25
PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN
THE AGE GROUP 15-24 YEARS BY MAJOR CAUSE GROUPS



4.6 Persons aged 25-34 years: This age group has constituted around 5.03 per cent of total medically certified deaths. Around every fifteenth medically certified death belongs to this age-group, with 5.31 per cent of male and 4.51 per cent of female deaths. A significant percentage of deaths have been reported due to ***'Injury, Poisoning & certain other consequences of External Causes'*** (18.08 per cent). The two other major determinants of deaths are ***'Diseases of the Circulatory System'*** (21.97 per cent) and ***'Certain Infectious and Parasitic Diseases'*** (11.87 per cent). The Distribution of Mortality in the age group 25-34 years, by major cause groups has been shown in **Statement - 38 & Chart- 26**.

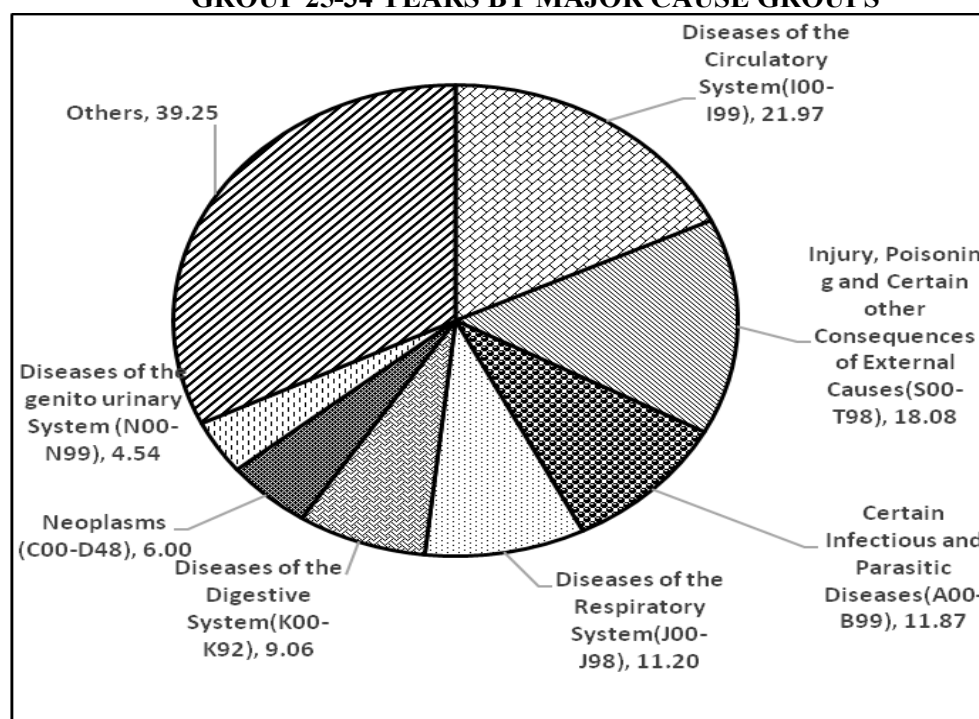
Statement – 38

Distribution of Mortality among persons in the Age Group 25-34 years by Major Cause Groups -2020

Sl. No	Major Cause Groups	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	1232	22.54	521	20.73	1753	21.97
2	Injury, Poisoning and Certain other Consequences of External Causes(S00-T98)	1117	20.43	326	12.97	1443	18.08
3	Certain Infectious and Parasitic Diseases(A00-B99)	562	10.28	385	15.32	947	11.87
4	Diseases of the Respiratory System(J00-J98)	597	10.92	297	11.82	894	11.20
5	Diseases of the Digestive System(K00-K92)	611	11.18	112	4.46	723	9.06
6	Neoplasms (C00-D48)	284	5.19	195	7.76	479	6.00
7	Diseases of the genito urinary System (N00-N99)	229	4.19	133	5.29	362	4.54
8	Others	2067	37.81	1065	42.38	3132	39.25
	Total Medically Certified Deaths in the age group 25-34 Year	5467	100.00	2513	100.00	7980	100.00
	Deaths in the age group 25-34 year as percentage to total Medically certified deaths		5.31		4.51		5.03

Chart -26

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 25-34 YEARS BY MAJOR CAUSE GROUPS



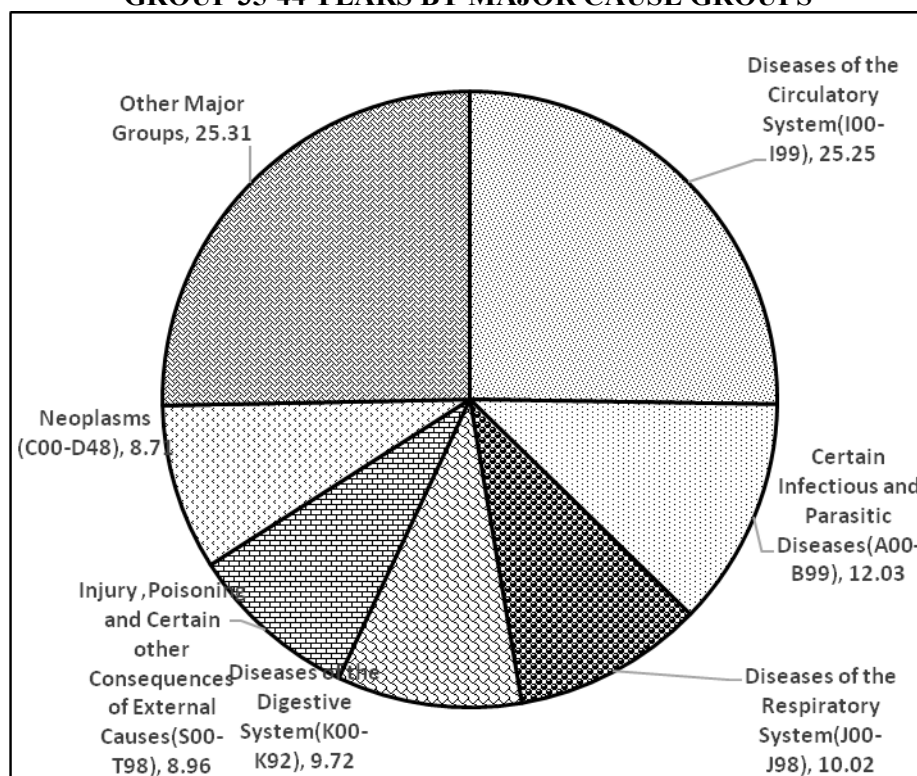
4.7 Persons aged 35-44 years : The overall contribution of this age-group in total medically certified deaths is 8.71 per cent, accounting for 9.56 per cent for male and 7.14 per cent of female deaths. *‘Diseases of the Circulatory System (25.25 per cent)’*, *‘Certain Infectious and Parasitic Diseases (12.03 per cent)’*, *‘Diseases of Respiratory System (10.02 per cent)’*, *‘Diseases of Digestive System (9.72 per cent)’*, *‘Injury Poisoning and Certain Other Consequences of External Causes (8.96 per cent)’* and *‘Neoplasms (8.71 per cent)’* are leading cause groups of deaths together contributing around 74.69 per cent of total deaths under this age-group. The distribution of mortality in the age group 35-44 years, by major cause group has been presented in **Statement-39** and **Chart-27**.

Statement -39
Distribution of Mortality among persons in the Age Group 35-44 years
by Major Cause Groups - 2020

Sl. No	Major Cause Groups	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	2499	25.40	988	24.86	3487	25.25
2	Certain Infectious and Parasitic Diseases(A00-B99)	1143	11.62	519	13.06	1662	12.03
3	Diseases of the Respiratory System(J00-J98)	966	9.82	418	10.52	1384	10.02
4	Diseases of the Digestive System(K00-K92)	1187	12.07	155	3.90	1342	9.72
5	Injury ,Poisoning and Certain other Consequences of External Causes(S00-T98)	974	9.90	264	6.64	1238	8.96
6	Neoplasms (C00-D48)	644	6.55	559	14.07	1203	8.71
7	Other Major Groups	2425	24.65	1071	26.95	3496	25.31
	Total Medically Certified Deaths in the age group 35-44 Years	9838	100.00	3974	100.00	13812	100.00
	Deaths in the age group 35-44 year as percentage to total Medically certified deaths		9.56		7.14		8.71

Chart – 27

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 35-44 YEARS BY MAJOR CAUSE GROUPS



4.8 Persons aged 45-54 years: This age group has contributed to 15.40 per cent of the total medically certified deaths, constituting 16.51 per cent and 13.34 per cent of total male and female medically certified deaths respectively. The prominent causes of mortality in this age group are *'Diseases of Circulatory System'* (29.06 per cent), *'Diseases of the Respiratory System'* (10.81 per cent), *'Codes for Special Purpose'* (9.97 per cent), *'Neoplasms'* (9.22 per cent) *'Certain, Infectious and Parasitic Diseases'* (8.73 per cent), *'Diseases of the Digestive System'* (8.26 per cent and *'Endocrine, Nutritional and Metabolic Diseases'* (7.00 per cent) which together contribute around 83.05 per cent of the total deaths reported under this age-group. The distribution of mortality in the age group 45-54 years, by major cause groups has been presented in **Statement-40** and **Chart -28**.

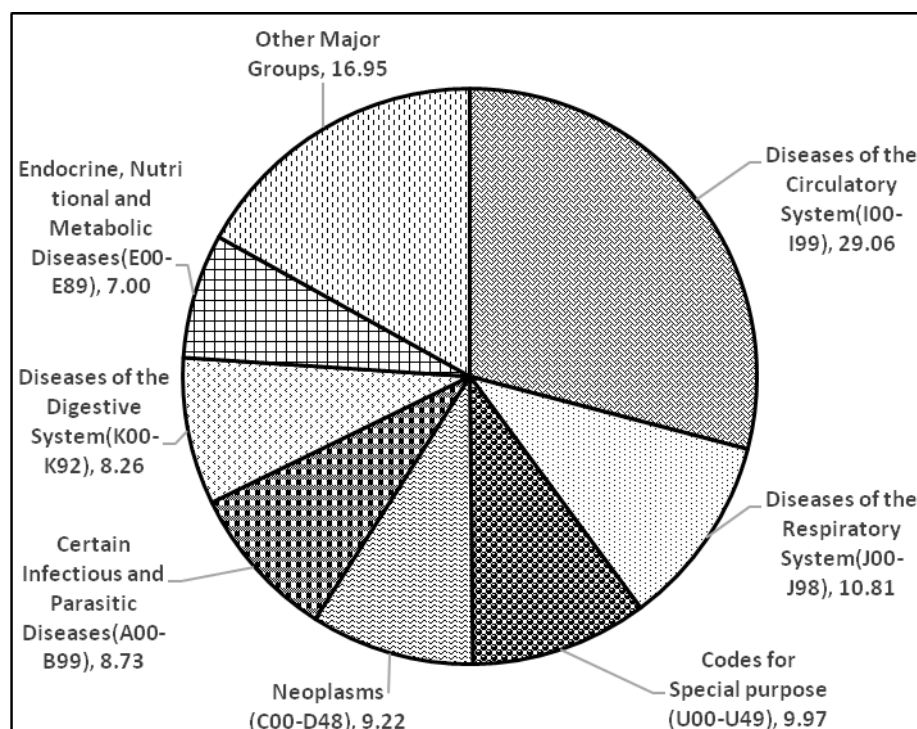
Statement – 40

**Distribution of Mortality among persons in the Age Group 45-54 years
by Major Cause Groups - 2020**

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	5006	29.45	2092	28.18	7098	29.06
2	Diseases of the Respiratory System(J00-J98)	1862	10.95	777	10.46	2639	10.81
3	Codes for Special purpose (U00-U49)	1785	10.50	650	8.75	2435	9.97
4	Neoplasms (C00-D48)	1195	7.03	1056	14.22	2251	9.22
5	Certain Infectious and Parasitic Diseases(A00-B99)	1464	8.61	668	9.00	2132	8.73
6	Diseases of the Digestive System(K00-K92)	1688	9.93	330	4.44	2018	8.26
7	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	1092	6.42	618	8.32	1710	7.00
8	Other Major Groups	2906	17.10	1234	16.62	4140	16.95
	Total Medically Certified Deaths in the age group 45-54 Years	16998	100.00	7425	100.00	24423	100.00
	Deaths in the age group 45-54 year as percentage to total Medically certified deaths		16.51		13.34		15.40

Chart – 28

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



4.9 Persons aged 55-64 years: This age group has a share of 19.31 per cent in the total medically certified deaths, accounting for 19.89 per cent and 18.24 per cent of total male and female medically certified deaths respectively. *‘Diseases of the Circulatory System’* have contributed to the maximum number (32.07 per cent) of total deaths in this age-group, followed by *‘Codes for special purposes (12.65 per cent)’*, *‘Diseases of the Respiratory System (11.92 per cent)’*, *‘Neoplasms (9.41 per cent)’*, *‘Endocrine, Nutritional and Metabolic Diseases (9.41 per cent)’*, *‘Certain Infectious and Parasitic Diseases (6.88 per cent)’* and *‘Diseases of the Genito urinary System (5.54 per cent)’*.

In Diseases of the Circulatory System deaths “Ischaemic Heart Diseases” have taken the highest toll contributing around 34.85 per cent of total deaths. ‘Codes for Special purposes’ is responsible for 12.65 per cent of the total deaths under this group. *‘Diseases of the Respiratory System’* is responsible for 11.92 per cent of the total deaths under this age group has two major causes constitutes i.e., *Other lower Respiratory Disorders and All other diseases of the Respiratory System*, together accounting for 57.71 per cent of total Respiratory system deaths. Under the cause group *Neoplasm* two major constituents i.e., *Malignant Neoplasm of Digestive organs* and *Malignant Neoplasms of respiratory and intrathoracic organs*, together accounting for 48.63 per cent. In *‘Certain Infectious and Parasitic Diseases, Septicemia* constitutes 46.15 per cent (Ref Table-2). The distribution of mortality in the age group 55-64 years by major cause group has been highlighted in the **Statement-41** and **Chart – 29**.

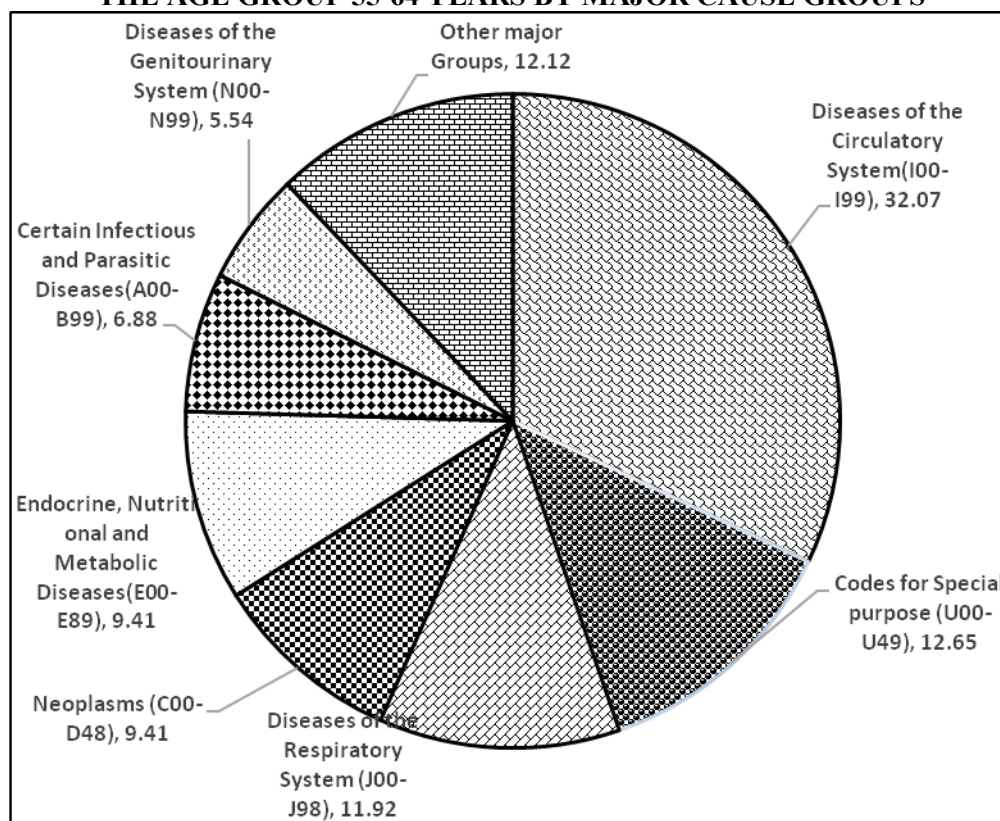
Statement -41

Distribution of Mortality among persons in the Age Group 55-64 years by Major Cause Groups -2020

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	6525	31.86	3298	32.49	9823	32.07
2	Codes for Special purposes (U00-U49)	2775	13.55	1099	10.83	3874	12.65
3	Diseases of the Respiratory System(J00-J98)	2443	11.93	1208	11.90	3651	11.92
4	Neoplasms (C00-D48)	1687	8.24	1196	11.78	2883	9.41
5	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	1778	8.68	1104	10.88	2882	9.41
6	Certain Infectious and Parasitic Diseases(A00-B99)	1355	6.62	751	7.40	2106	6.88
7	Diseases of the Genitourinary System (N00-N99)	1139	5.56	558	5.50	1697	5.54
8	Other major Groups	2776	13.56	936	9.22	3712	12.12
	Total Medically Certified Deaths in the age group 55-64 Years	20478	100.00	10150	100.00	30628	100.00
	Deaths in the age group 55-64 year as percentage to total Medically certified deaths		19.89		18.24		19.31

Chart – 29

PERCENTAGE DISTRIBUTION OF MORTALITY AMONG PERSONS IN THE AGE GROUP 55-64 YEARS BY MAJOR CAUSE GROUPS



4.10 Persons aged 65-69 years: The share of this age group in total medically certified deaths is 11.33 per cent, constituting 11.36 per cent and 11.28 per cent of total male and female medically certified deaths respectively. In this age group, *'Diseases of the Circulatory System'* alone constitute the highest number of deaths (34.82 per cent). *'Ischaemic Heart Diseases'* constitute the highest share around 39.32 per cent of circulatory system deaths under this age group. The Second leading cause group of death in this age group is 'Codes for Special Purposes'. The third leading cause group of death in this age group is *'Diseases of the Respiratory System'* with the share of 11.59 per cent of total deaths under this age group *'Other Lower Respiratory Disorders'* and *'All other diseases of the respiratory system'* are being the major constituents with the shares of 31.60 per cent and 31.08 per cent of this cause group respectively. The fourth leading cause group *'Endocrine, Nutritional & Metabolic Diseases'* with the share of 9.65 per cent of the total deaths. Under this cause group *'Diabetes Mellitus'* alone contribute 90.19 per cent of the deaths. *'Neoplasms'* rank 5th with 9.02 per cent of the total deaths. Under this cause group *'Malignant Neoplasm of Digestive Organs'* is the main cause alone contribute 35.25 per cent of the deaths (Ref.Table-2). The distribution of mortality in the age group 65-69 years, by major cause groups has been portrayed in **Statement-42** and **Chart-30**.

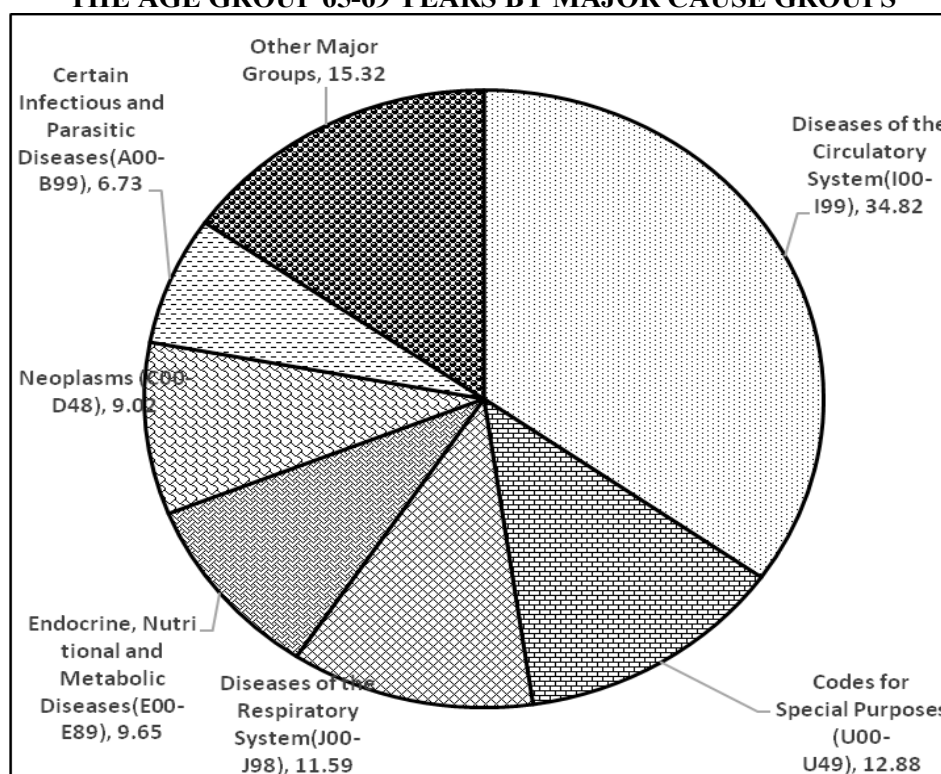
Statement - 42

**Distribution of Mortality among persons in the Age Group 65-69 years
by Major Cause Groups - 2020**

Sl.No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	3908	33.43	2348	37.40	6256	34.82
2	Codes for Special Purposes (U00-U49)	1680	14.37	634	10.10	2314	12.88
3	Diseases of the Respiratory System(J00-J98)	1424	12.18	658	10.48	2082	11.59
4	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	1037	8.87	696	11.09	1733	9.65
5	Neoplasms (C00-D48)	997	8.53	623	9.92	1620	9.02
6	Certain Infectious and Parasitic Diseases(A00-B99)	810	6.93	400	6.37	1210	6.73
7	Other Major Groups	1833	15.68	919	14.64	2752	15.32
	Total Medically Certified Deaths in the age group 65-69 Years	11689	100.00	6278	100.00	17967	100.00
	Deaths in the age group 65-69 years as percentage to total Medically certified deaths		11.36		11.28		11.33

Chart - 30

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

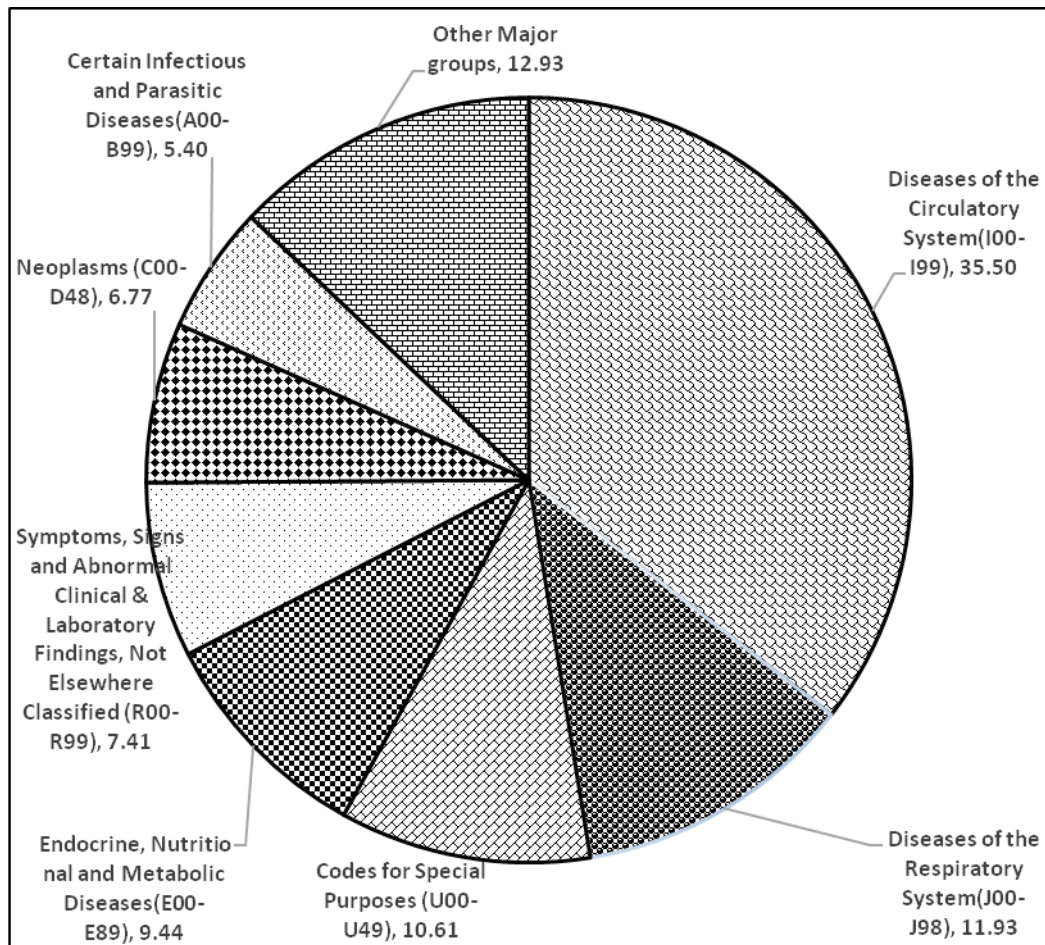


4.11 Old aged Persons 70 years and above: This age group, as expected, has reported the maximum incidence (27.39 per cent) of total medically certified deaths. As high as 25.39 per cent and 31.07 per cent of total male and female medically certified deaths respectively have been reported from this age group. In this age group *'Diseases of the Circulatory System'* alone contribute 35.50 per cent of deaths. *Ischaemic Heart Diseases* constitute maximum number (42.55 per cent) of Circulatory system deaths under this age group. The major group of *'Diseases of Respiratory System'* is the second leading cause of death with 11.93 per cent of total deaths under this age group *'Other Lower Respiratory Disorders'* and *'All other diseases of the Respiratory System'* are the major constituents of Diseases of Respiratory system with the shares of 41.34 per cent and 57.92 per cent respectively. *'Codes for Special purpose'* group with the percentage share of 10.61 is the third leading cause group of death. With the share of 9.64 per cent, *'Endocrine, Nutritional and Metabolic Diseases'* is the fourth leading cause group of death in this age group. Under this age cause group, *'Diabetes Mellitus'* is the only cause account for about 95.58 per cent deaths (Ref. Table-2). The distribution of mortality in the age group 70 years and above, by major cause group has been presented in **Statement-43 & Chart-31**.

Statement -43
Distribution of Mortality among Old aged persons (70 or above years)
by Major Cause Groups - 2020

Sl. No	Major Cause Group	Male		Female		Total	
		No.	%	No.	%	No.	%
1	Diseases of the Circulatory System(I00-I99)	8775	33.57	6646	38.43	15421	35.50
2	Diseases of the Respiratory System(J00-J98)	3339	12.77	1842	10.65	5181	11.93
3	Codes for Special Purposes (U00-U49)	3350	12.82	1258	7.27	4608	10.61
4	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	2327	8.90	1774	10.26	4101	9.44
5	Symptoms, Signs and Abnormal Clinical & Laboratory Findings, Not Elsewhere Classified (R00-R99)	1705	6.52	1514	8.75	3219	7.41
6	Neoplasms (C00-D48)	1750	6.69	1192	6.89	2942	6.77
7	Certain Infectious and Parasitic Diseases(A00-B99)	1401	5.36	944	5.46	2345	5.40
8	Other Major groups	3492	13.36	2126	12.29	5618	12.93
	Total Medically Certified Deaths in the age group 70 or above Years	26139	100.00	17296	100.00	43435	100.00
	Deaths in the age group 70 or above years as percentage to total Medically certified deaths		25.39		31.07		27.39

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



4.12 Distribution of Medically Certified Deaths by Sex and Major Cause groups during the year 2020 is depicted in Statement –44.

Statement - 44
Distribution of Medically Certified Deaths by Sex and Major Cause
Groups during - 2020

Sl. No	Major Cause Group	Male	Female	Total	% to total Medically Certified Deaths
1	Certain Infectious and Parasitic Diseases(A00-B99)	7408	4217	11625	7.33
2	Neoplasms (C00-D48)	7106	5124	12230	7.71
3	Diseases of the Blood & Blood forming Organs and Certain disorders Involving the Immune Mechanism (D50-D89)	1123	968	2091	1.32
4	Endocrine, Nutritional and Metabolic Diseases(E00-E89)	7156	4686	11842	7.47
5	Mental and Behavioural Disorders (F01-F99)	277	95	372	0.23
6	Diseases of the Nervous System (G00-G98)	2627	1274	3901	2.46
7	Diseases of the Eye and Adnexa (H00-H59)	1	1	2	0.00
8	Diseases of the Ear and Mastoid Process (H60-H95)	2	0	2	0.00
9	Diseases of the Circulatory System (I00-I99)	29189	16577	45766	28.86
10	Diseases of the Respiratory System (J00-J98)	11542	5725	17267	10.89
11	Diseases of the Digestive System (K00-K92)	5796	1432	7228	4.56
12	Diseases of the Skin and Subcutaneous Tissue (L00-L98)	279	129	408	0.26
13	Diseases of the Musculoskeletal System and Connective Tissue (M00-M99)	61	57	118	0.07
14	Diseases of the Genitourinary System (N00-N99)	5209	2700	7909	4.99
15	Pregnancy, Childbirth and the Puerperium (O00-O99)		253	253	0.16
16	Certain Conditions Originating in the Perinatal Period(P00-P96)	4515	3213	7728	4.87
17	Congenital Malformations Deformations & Chromosomal Abnormalities (Q00-Q99)	990	726	1716	1.08
18	Symptoms, Signs and Abnormal Clinical & Laboratory findings, Not elsewhere Classified (R00-R99)	3113	2288	5401	3.41
19	Injury, Poisoning and Certain other Consequences of External Causes (S00-T98)	5297	1971	7268	4.58
20	Codes for Special Purposes (U01-U49)	11250	4226	15476	9.76
	Total	102941	55662	158603	100.00

APPENDICES

LIST OF STATISTICAL TABLES

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TABLE 1: MEDICALLY CERTIFIED DEATHS BY AGE,SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	29	75	139	268	562	1143	1464	1355	810	1401	162	7408
		Female	23	90	136	225	385	519	668	751	400	944	76	4217
		Total	52	165	275	493	947	1662	2132	2106	1210	2345	238	11625
2	NEOPLASMS (C00-D48)	Male	1	27	128	177	284	644	1195	1687	997	1750	216	7106
		Female	1	24	52	86	195	559	1056	1196	623	1192	140	5124
		Total	2	51	180	263	479	1203	2251	2883	1620	2942	356	12230
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	Male	0	37	37	74	84	142	187	183	92	243	44	1123
		Female	0	20	37	100	101	111	121	144	78	225	31	968
		Total	0	57	74	174	185	253	308	327	170	468	75	2091
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0	1	21	51	165	435	1092	1778	1037	2327	249	7156
		Female	0	3	29	48	75	221	618	1104	696	1774	118	4686
		Total	0	4	50	99	240	656	1710	2882	1733	4101	367	11842
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	6	20	27	33	75	32	61	23	277
		Female	0	0	0	3	2	6	2	34	20	26	2	95
		Total	0	0	0	9	22	33	35	109	52	87	25	372
6	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	Male	47	42	80	115	171	341	482	392	208	667	82	2627
		Female	38	25	55	89	87	115	173	154	103	395	40	1274
		Total	85	67	135	204	258	456	655	546	311	1062	122	3901
7	DISEASES OF THE EYE AND ADNEXA (H00-H59)	Male	0	0	0	0	0	0	0	1	0	0	0	1
		Female	0	0	0	0	0	0	0	0	1	0	0	1
		Total	0	0	0	0	0	0	0	0	1	1	0	0

TABLE 1: MEDICALLY CERTIFIED DEATHS BY AGE,SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	0	0	1	1	0	0	0	2
		Female	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	1	1	0	0	0	2
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0	5	12	460	1232	2499	5006	6525	3908	8775	767	29189
		Female	0	3	7	295	521	988	2092	3298	2348	6646	379	16577
		Total	0	8	19	755	1753	3487	7098	9823	6256	15421	1146	45766
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0	34	98	254	597	966	1862	2443	1424	3339	525	11542
		Female	0	28	87	207	297	418	777	1208	658	1842	203	5725
		Total	0	62	185	461	894	1384	2639	3651	2082	5181	728	17267
11	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	Male	0	13	44	173	611	1187	1688	1010	337	531	202	5796
		Female	0	12	25	120	112	155	330	225	101	313	39	1432
		Total	0	25	69	293	723	1342	2018	1235	438	844	241	7228
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0	0	3	1	7	26	58	64	29	67	24	279
		Female	0	0	1	3	7	7	13	40	11	38	9	129
		Total	0	0	4	4	14	33	71	104	40	105	33	408
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	Male	0	0	2	3	3	7	8	8	6	21	3	61
		Female	0	0	1	4	8	6	1	9	6	20	2	57
		Total	0	0	3	7	11	13	9	17	12	41	5	118
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0	0	31	114	229	447	904	1139	677	1470	198	5209
		Female	0	1	33	81	133	209	441	558	348	817	79	2700
		Total	0	1	64	195	362	656	1345	1697	1025	2287	277	7909

TABLE 1: MEDICALLY CERTIFIED DEATHS BY AGE,SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL	
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	100	117	26	10	0	0	0	0	0	253
		Total	0	0	0	100	117	26	10	0	0	0	0	0	253
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	4515	0	0	0	0	0	0	0	0	0	0	4515	
		Female	3213	0	0	0	0	0	0	0	0	0	0	3213	
		Total	7728	0	0	0	0	0	0	0	0	0	0	7728	
17	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES (Q00-Q99)	Male	611	178	201	0	0	0	0	0	0	0	0	990	
		Female	476	125	125	0	0	0	0	0	0	0	0	726	
		Total	1087	303	326	0	0	0	0	0	0	0	0	1716	
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)	Male	0	19	17	45	91	144	286	334	181	1705	291	3113	
		Female	0	13	8	37	48	93	196	80	134	1514	165	2288	
		Total	0	32	25	82	139	237	482	414	315	3219	456	5401	
19	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES (S00-T98)	Male	10	47	106	654	1117	974	947	708	271	432	31	5297	
		Female	19	37	82	298	326	264	277	250	117	292	9	1971	
		Total	29	84	188	952	1443	1238	1224	958	388	724	40	7268	
20	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male	10	47	106	654	1117	974	947	708	271	432	31	5297	
		Female	19	37	82	298	326	264	277	250	117	292	9	1971	
		Total	29	84	188	952	1443	1238	1224	958	388	724	40	7268	
21	CODES FOR SPECIAL PURPOSES (U00-U49)	Male	12	6	12	75	294	856	1785	2775	1679	3350	406	11250	
		Female	3	7	6	50	99	277	650	1099	634	1258	143	4226	
		Total	15	13	18	125	393	1133	2435	3874	2313	4608	549	15476	
	ALL CAUSES	MALE	5225	484	931	2470	5467	9838	16998	20478	11688	26139	3223	102941	
		FEMALE	3773	388	684	1746	2513	3974	7425	10150	6278	17296	1435	55662	
		TOTAL	8998	872	1615	4216	7980	13812	24423	30628	17966	43435	4658	158603	

**TABLE 2 - MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD
DURING THE YEAR 2020**

STATE: KARNATAKA

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
I.	CERTAIN INFECTIOUS AND PARASITIC DISEASES	M	29	75	139	268	562	1143	1464	1355	810	1401	162	7408
	(A00-B99)	F	23	90	136	225	385	519	668	751	400	944	76	4217
		T	52	165	275	493	947	1662	2132	2106	1210	2345	238	11625
1	Intestinal infectious diseases	M	28	11	13	11	23	44	81	74	28	107	3	423
	(A00-A09)	F	21	15	3	12	15	35	67	77	30	99	3	377
		T	49	26	16	23	38	79	148	151	58	206	6	800
1	Cholera	M	0	0	0	0	0	0	1	0	2	0	0	3
	(A00)	F	0	0	0	0	0	0	1	0	0	0	0	1
		T	0	0	0	0	0	0	2	0	2	0	0	4
2	Typhoid fever and paratyphoid fevers	M	0	0	1	0	1	4	1	1	1	2	0	11
	(A01)	F	0	1	0	0	0	2	4	1	0	3	0	11
		T	0	1	1	0	1	6	5	2	1	5	0	22
3	Food poisoning	M	0	0	0	0	0	0	3	2	0	1	0	6
	(A02, A05)	F	0	0	1	0	0	0	0	0	0	2	0	3
		T	0	0	1	0	0	0	3	2	0	3	0	9
4	Shigellosis	M	0	0	0	0	0	0	0	2	0	0	0	2
	(A03)	F	0	0	0	0	0	0	2	0	0	0	0	2
		T	0	0	0	0	0	0	2	2	0	0	0	4
5	Amoebiasis	M	0	0	0	1	0	1	0	3	0	6	0	11
	(A06)	F	0	0	0	1	1	0	0	0	1	0	0	3
		T	0	0	0	2	1	1	0	3	1	6	0	14
6	Diarrhoea and gastroenteritis of presumed	M	28	9	12	10	22	38	74	59	25	96	3	376
	infectious origin (A09)	F	21	14	2	9	12	31	54	72	28	89	3	335
		T	49	23	14	19	34	69	128	131	53	185	6	711
7	Other intestinal infectious diseases	M	0	2	0	0	0	1	2	7	0	2	0	14
	(A04,A07-A08)	F	0	0	0	2	2	2	6	4	1	5	0	22
		T	0	2	0	2	2	3	8	11	1	7	0	36

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Tuberculosis (A15-A19)	M	0	13	36	79	236	603	616	557	380	525	47	3092
		F	0	8	25	80	170	227	223	224	159	251	25	1392
		T	0	21	61	159	406	830	839	781	539	776	72	4484
1	Respiratory tuberculosis (A15-A16)	M	0	13	36	66	199	571	590	533	376	499	43	2926
		F	0	7	21	62	153	214	206	208	146	242	19	1278
		T	0	20	57	128	352	785	796	741	522	741	62	4204
2	Tuberculosis of nervous system (A17)	M	0	0	0	10	31	25	16	17	2	11	2	114
		F	0	1	2	10	11	11	15	9	11	4	6	80
		T	0	1	2	20	42	36	31	26	13	15	8	194
3	Tuberculosis of other organs & miliary tuberculosis (A18-A19)	M	0	0	0	3	6	7	10	7	2	15	2	52
		F	0	0	2	8	6	2	2	7	2	5	0	34
		T	0	0	2	11	12	9	12	14	4	20	2	86
3	Other bacterial diseases (A20-A49)	M	0	28	49	117	215	335	599	621	352	686	92	3094
		F	0	44	55	79	149	163	285	378	183	532	36	1904
		T	0	72	104	196	364	498	884	999	535	1218	128	4998
1	Plague (A20)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Leprosy (A30)	M	0	0	0	0	1	1	3	0	2	2	0	9
		F	0	0	0	0	0	0	0	1	0	2	0	3
		T	0	0	0	0	1	1	3	1	2	4	0	12
3	Neonatal tetanus (A33)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
4	Other tetanus (A34-A35)	M	0	0	0	7	3	3	3	2	1	1	0	20
		F	0	0	0	2	1	1	1	2	2	7	0	16
		T	0	0	0	9	4	4	4	4	3	8	0	36
5	Diphtheria (A36)	M	0	2	8	0	0	0	0	0	0	0	0	10
		F	0	2	3	0	0	0	0	0	0	0	0	5

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		T	0	4	11	0	0	0	0	0	0	0	0	15
6	Whooping cough (A37)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
7	Meningococcal infection (A39)	M	0	0	0	0	0	1	2	2	1	1	0	7
		F	0	1	1	0	0	0	0	1	0	1	0	4
		T	0	1	1	0	0	1	2	3	1	2	0	11
8	Septicaemia (A40-A41)	M	0	26	40	107	199	324	576	608	343	676	88	2987
		F	0	41	51	77	146	151	278	364	177	516	36	1837
		T	0	67	91	184	345	475	854	972	520	1192	124	4824
9	All other types of bacterial diseases (A21-A28,A31-A32,A38, A42-A49)	M	0	0	1	3	12	6	15	9	5	6	4	61
		F	0	0	0	0	2	11	6	10	4	6	0	39
		T	0	0	1	3	14	17	21	19	9	12	4	100
4	Infections with a predominantly sexual mode of transmission (A50-A64)	M	0	0	0	0	0	3	1	2	2	1	1	10
		F	0	0	0	0	1	0	2	0	2	1	0	6
		T	0	0	0	0	1	3	3	2	4	2	1	16
1	Syphilis (A50-A53)	M	0	0	0	0	0	1	1	1	2	1	0	6
		F	0	0	0	0	0	0	2	0	2	1	0	5
		T	0	0	0	0	0	1	3	1	4	2	0	11
2	Other types of infections with a predominantly sexual mode of transmission (A54-A64)	M	0	0	0	0	0	2	0	1	0	0	1	4
		F	0	0	0	0	1	0	0	0	0	0	0	1
		T	0	0	0	0	1	2	0	1	0	0	1	5
5	Viral diseases (A70-A74 & A80-B34)	M	1	20	37	57	83	143	154	82	43	72	18	710
		F	2	19	53	48	47	82	87	62	23	48	9	480
		T	3	39	90	105	130	225	241	144	66	120	27	1190
1	Acute poliomyelitis (A80)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Rabies	M	0	0	5	2	6	5	5	1	0	2	3	29

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	(A82)	F	0	1	2	0	0	3	1	3	0	0	0	10
		T	0	1	7	2	6	8	6	4	0	2	3	39
3	Japanese encephalitis (A83.0)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
4	Other viral encephalitis (A83.1-A83.9,A84-A86)	M	0	7	8	10	11	6	16	17	8	14	1	98
		F	0	4	19	7	7	9	13	9	4	7	2	81
		T	0	11	27	17	18	15	29	26	12	21	3	179
5	Dengue fever (A90)	M	0	9	15	18	16	9	22	7	6	13	5	120
		F	0	5	17	14	9	11	11	12	2	14	5	100
		T	0	14	32	32	25	20	33	19	8	27	10	220
6	Other arthropod-borne viral fevers and viral haemorrhagic fevers (A91-A94, A96-A99)	M	1	2	3	7	6	10	10	8	4	4	0	55
		F	1	3	6	5	6	7	4	2	3	6	0	43
		T	2	5	9	12	12	17	14	10	7	10	0	98
7	Smallpox (B03)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
8	Measles (B05)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	1	0	0	0	0	0	0	0	0	0	1
		T	0	1	0	0	0	0	0	0	0	0	0	1
9	Acute Hepatitis B (B16)	M	0	0	0	1	2	7	4	4	1	5	0	24
		F	0	0	2	0	0	1	3	0	1	2	0	9
		T	0	0	2	1	2	8	7	4	2	7	0	33
10	Other viral hepatitis (B15, B17-B19)	M	0	2	2	6	7	19	33	17	11	20	4	121
		F	0	1	2	8	5	6	10	8	3	8	1	52
		T	0	3	4	14	12	25	43	25	14	28	5	173
11	Human immunodeficiency virus [HIV] disease (B20-B24)	M	0	0	2	9	32	74	58	20	7	6	4	212
		F	0	0	2	12	17	41	38	19	7	5	1	142
		T	0	0	4	21	49	115	96	39	14	11	5	354

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12	All other types of viral diseases (A70-A74,A81, A87-A89,A95,B00-B02,B04,B06-B09 & B25-B34)	M	0	0	2	4	3	13	6	8	6	8	1	51
		F	1	4	3	2	3	4	7	9	3	6	0	42
		T	1	4	5	6	6	17	13	17	9	14	1	93
6	Protozoal diseases (B50-B64)	M	0	0	0	1	4	4	4	4	0	5	0	22
		F	0	0	0	3	0	2	0	4	0	3	0	12
		T	0	0	0	4	4	6	4	8	0	8	0	34
1	Malaria (B50-B54)	M	0	0	0	1	4	3	4	4	0	5	0	21
		F	0	0	0	3	0	0	0	3	0	1	0	7
		T	0	0	0	4	4	3	4	7	0	6	0	28
2	All other types of protozoal diseases (B55-B64)	M	0	0	0	0	0	1	0	0	0	0	0	1
		F	0	0	0	0	0	2	0	1	0	2	0	5
		T	0	0	0	0	0	3	0	1	0	2	0	6
7	Other certain infectious & parasitic diseases and late effects of infectious & parasitic diseases (A65-A69 & A75-A79,B35-B49,B65-B99)	M	0	3	4	3	1	11	9	15	5	5	1	57
		F	0	4	0	3	3	10	4	6	3	10	3	46
		T	0	7	4	6	4	21	13	21	8	15	4	103
1	Filariasis (B74)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Other helminthiasis (B65-B73,B75,B77-B83)	M	0	0	0	0	0	0	1	2	0	0	0	3
		F	0	0	0	0	0	0	0	1	0	0	0	1
		T	0	0	0	0	0	0	1	3	0	0	0	4
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M	0	3	2	3	0	1	1	1	3	0	1	15
		F	0	4	0	0	0	1	0	2	0	4	1	12
		T	0	7	2	3	0	2	1	3	3	4	2	27
4	All other infectious & parasitic diseases and late effects of infectious & parasitic diseases (B35-B49,B76, B85-B99)	M	0	0	2	0	1	10	7	12	2	5	0	39
		F	0	0	0	3	3	9	4	3	3	6	2	33
		T	0	0	2	3	4	19	11	15	5	11	2	72
II.	NEOPLASMS (C00-D48)	M	1	27	128	177	284	644	1195	1687	997	1750	216	7106
		F	1	24	52	86	195	559	1056	1196	623	1192	140	5124
		T	2	51	180	263	479	1203	2251	2883	1620	2942	356	12230

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	0	0	1	32	111	164	178	73	119	13	691
		F	0	0	0	6	13	11	48	73	34	57	3	245
		T	0	0	0	7	45	122	212	251	107	176	16	936
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	0	0	1	32	111	164	178	73	119	13	691
		F	0	0	0	6	13	11	48	73	34	57	3	245
		T	0	0	0	7	45	122	212	251	107	176	16	936
9	Malignant neoplasms of digestive organs (C15-C26)	M	0	0	0	10	64	172	429	646	383	575	74	2353
		F	0	0	0	10	48	120	281	326	188	337	51	1361
		T	0	0	0	20	112	292	710	972	571	912	125	3714
1	Malignant neoplasm of oesophagus (C15)	M	0	0	0	5	17	42	113	163	105	183	11	639
		F	0	0	0	5	19	45	112	125	55	135	5	501
		T	0	0	0	10	36	87	225	288	160	318	16	1140
2	Malignant neoplasm of stomach (C16)	M	0	0	0	3	12	38	98	129	74	83	24	461
		F	0	0	0	1	6	27	56	66	37	57	13	263
		T	0	0	0	4	18	65	154	195	111	140	37	724
3	Malignant neoplasm of small intestine including duodenum (C17)	M	0	0	0	0	0	0	4	0	0	4	0	8
		F	0	0	0	0	0	0	7	1	3	0	0	11
		T	0	0	0	0	0	0	11	1	3	4	0	19
4	Malignant neoplasm of colon (C18)	M	0	0	0	2	6	16	25	46	22	51	6	174
		F	0	0	0	4	6	10	19	20	14	28	3	104
		T	0	0	0	6	12	26	44	66	36	79	9	278
5	Malignant neoplasm of rectosigmoid junction, rectum,anus and anal canal (C19-C21)	M	0	0	0	0	8	18	33	37	24	44	6	170
		F	0	0	0	0	3	15	27	25	21	17	8	116
		T	0	0	0	0	11	33	60	62	45	61	14	286
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	0	0	0	0	18	39	129	212	129	169	22	718
		F	0	0	0	0	8	13	38	59	36	70	16	240
		T	0	0	0	0	26	52	167	271	165	239	38	958
7	Malignant neoplasm of pancreas (C25)	M	0	0	0	0	1	16	18	31	22	26	4	118
		F	0	0	0	0	3	4	11	12	6	17	3	56

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		T	0	0	0	0	4	20	29	43	28	43	7	174
8	Other malignant neoplasms of digestive organs (C23-C24,C26)	M	0	0	0	0	2	3	9	28	7	15	1	65
		F	0	0	0	0	3	6	11	18	16	13	3	70
		T	0	0	0	0	5	9	20	46	23	28	4	135
10	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	M	0	0	0	9	25	63	166	295	204	272	46	1080
		F	0	0	0	2	11	43	87	135	62	123	15	478
		T	0	0	0	11	36	106	253	430	266	395	61	1558
1	Malignant neoplasm of larynx (C32)	M	0	0	0	0	2	5	12	29	16	29	5	98
		F	0	0	0	0	1	0	2	4	1	6	0	14
		T	0	0	0	0	3	5	14	33	17	35	5	112
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	0	0	0	8	23	58	151	263	186	235	41	965
		F	0	0	0	2	9	40	78	129	61	112	15	446
		T	0	0	0	10	32	98	229	392	247	347	56	1411
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	0	0	0	1	0	0	3	3	2	8	0	17
		F	0	0	0	0	1	3	7	2	0	5	0	18
		T	0	0	0	1	1	3	10	5	2	13	0	35
11	Malignant neoplasms of bone, mesothelial and soft tissue,skin and breast (C40-C50)	M	0	0	0	2	10	10	19	14	3	16	2	76
		F	0	0	0	11	30	129	246	219	93	163	19	910
		T	0	0	0	13	40	139	265	233	96	179	21	986
1	Malignant neoplasm of bone and articular cartilage (C40-C41)	M	0	0	0	2	2	4	4	3	1	4	1	21
		F	0	0	0	2	2	1	8	5	1	0	1	20
		T	0	0	0	4	4	5	12	8	2	4	2	41
2	Malignant melanoma of skin (C43)	M	0	0	0	0	1	0	0	0	2	1	0	4
		F	0	0	0	0	0	0	0	0	2	1	0	3
		T	0	0	0	0	1	0	0	0	4	2	0	7
3	Other malignant neoplasms of skin (C44)	M	0	0	0	0	0	3	4	2	0	6	0	15
		F	0	0	0	0	0	3	1	0	2	2	0	8
		T	0	0	0	0	0	6	5	2	2	8	0	23
4	Malignant neoplasms of mesothelial	M	0	0	0	0	7	3	11	9	0	5	1	36

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	and soft tissue (C45-C49)	F	0	0	0	0	4	4	12	7	2	8	1	38
		T	0	0	0	0	11	7	23	16	2	13	2	74
5	Malignant neoplasm of breast (C50)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	9	24	121	225	207	86	152	17	841
		T	0	0	0	9	24	121	225	207	86	152	17	841
12	Malignant neoplasms of genitourinary organs (C51-C68)	M	0	0	0	0	3	15	76	95	84	219	16	508
		F	0	0	0	0	12	73	186	219	113	190	14	807
		T	0	0	0	0	15	88	262	314	197	409	30	1315
1	Malignant neoplasm of cervix uteri (C53)	F	0	0	0	0	6	29	44	54	32	44	6	215
		T	0	0	0	0	6	29	44	54	32	44	6	215
2	Malignant neoplasm of other and unspecified parts of uterus (C54-C55)	F	0	0	0	0	1	11	39	50	29	40	1	171
		T	0	0	0	0	1	11	39	50	29	40	1	171
3	Malignant neoplasm of ovary (C56)	F	0	0	0	0	5	32	91	104	40	92	5	369
		T	0	0	0	0	5	32	91	104	40	92	5	369
4	Malignant neoplasm of placenta (C58)	F	0	0	0	0	0	0	0	4	0	1	0	5
		T	0	0	0	0	0	0	0	4	0	1	0	5
5	Other malignant neoplasms of female genital organs (C51-C52,C57)	F	0	0	0	0	0	1	5	0	3	2	0	11
		T	0	0	0	0	0	1	5	0	3	2	0	11
6	Malignant neoplasm of prostate (C61)	M	0	0	0	0	0	0	49	49	68	163	9	338
		T	0	0	0	0	0	0	49	49	68	163	9	338
7	Other malignant neoplasms of male genital organs (C60,C62-C63)	M	0	0	0	0	0	6	3	6	6	5	4	30
		T	0	0	0	0	0	6	3	6	6	5	4	30
8	Malignant neoplasm of bladder (C67)	M	0	0	0	0	3	4	18	33	10	35	3	106
		F	0	0	0	0	0	0	2	3	2	8	2	17
		T	0	0	0	0	3	4	20	36	12	43	5	123
9	Other malignant neoplasms of urinary tract (C64-C66,C68)	M	0	0	0	0	0	5	6	7	0	16	0	34
		F	0	0	0	0	0	0	5	4	7	3	0	19
		T	0	0	0	0	0	5	11	11	7	19	0	53

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	M	0	2	4	10	4	13	9	25	11	20	3	101
		F	0	0	3	5	6	11	10	16	8	16	3	78
		T	0	2	7	15	10	24	19	41	19	36	6	179
1	Malignant neoplasm of eye & adnexa (C69)	M	0	0	0	1	0	0	0	1	0	2	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	1	0	0	0	1	0	2	0	4
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	0	2	4	9	4	13	9	24	11	18	3	97
		F	0	0	3	5	6	11	10	16	8	16	3	78
		T	0	2	7	14	10	24	19	40	19	34	6	175
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	0	0	7	27	31	125	126	149	101	254	21	841
		F	0	0	6	9	18	90	76	70	56	148	15	488
		T	0	0	13	36	49	215	202	219	157	402	36	1329
1	Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites (C73-C80 & C97)	M	0	0	7	27	31	125	126	149	101	254	21	841
		F	0	0	6	9	18	90	76	70	56	148	15	488
		T	0	0	13	36	49	215	202	219	157	402	36	1329
15	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	1	25	117	118	108	131	202	273	133	260	40	1408
		F	1	24	43	42	55	79	118	132	63	146	19	722
		T	2	49	160	160	163	210	320	405	196	406	59	2130
1	Hodgkin's disease (C81)	M	0	0	0	11	3	2	6	5	3	3	0	33
		F	0	0	0	9	1	0	1	2	0	0	0	13
		T	0	0	0	20	4	2	7	7	3	3	0	46
2	Non-Hodgkin's lymphoma (C82-C85)	M	0	0	0	8	6	13	13	11	7	15	4	77
		F	0	0	0	0	2	5	11	12	3	11	0	44
		T	0	0	0	8	8	18	24	23	10	26	4	121
3	Multiple myeloma and malignant plasma cell neoplasms (C90)	M	0	0	0	0	0	6	4	3	3	9	1	26
		F	0	0	1	0	1	2	6	5	8	3	0	26
		T	0	0	1	0	1	8	10	8	11	12	1	52
4	Leukaemia (C91-C95)	M	1	18	80	82	77	78	99	145	53	68	17	718
		F	1	19	28	25	40	65	71	68	27	43	12	399

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											N.S.	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		T	2	37	108	107	117	143	170	213	80	111	29	1117	
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	M	0	7	37	17	22	32	80	109	67	165	18	554	
		F	0	5	14	8	11	7	29	45	25	89	7	240	
		T	0	12	51	25	33	39	109	154	92	254	25	794	
16	Carcinoma in situ (D00-D09)	M	0	0	0	0	1	4	1	4	4	5	0	19	
		F	0	0	0	0	0	0	2	2	0	5	0	9	
		T	0	0	0	0	1	4	3	6	4	10	0	28	
1	Carcinoma in situ (D00-D09)	M	0	0	0	0	1	4	1	4	4	5	0	19	
		F	0	0	0	0	0	0	2	2	0	5	0	9	
		T	0	0	0	0	1	4	3	6	4	10	0	28	
17	Benign neoplasms (D10-D36)	M	0	0	0	0	4	0	1	3	0	4	1	13	
		F	0	0	0	0	2	2	0	1	2	4	1	12	
		T	0	0	0	0	6	2	1	4	2	8	2	25	
1	Leiomyoma of uterus (D25)	F	0	0	0	0	0	0	0	0	2	0	0	2	
		T	0	0	0	0	0	0	0	0	2	0	0	2	
2	All other benign neoplasms (D10-D24 & D26-D36)	M	0	0	0	0	4	0	1	3	0	4	1	13	
		F	0	0	0	0	2	2	0	1	0	4	1	10	
		T	0	0	0	0	6	2	1	4	0	8	2	23	
18	Other and unspecified neoplasm (D37-D48)	M	0	0	0	0	2	0	2	5	1	6	0	16	
		F	0	0	0	1	0	1	2	3	4	3	0	14	
		T	0	0	0	1	2	1	4	8	5	9	0	30	
1	Other and unspecified neoplasm (D37-D48)	M	0	0	0	0	2	0	2	5	1	6	0	16	
		F	0	0	0	1	0	1	2	3	4	3	0	14	
		T	0	0	0	1	2	1	4	8	5	9	0	30	
III.	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	M	0	37	37	74	84	142	187	183	92	243	44	1123	
		F	0	20	37	100	101	111	121	144	78	225	31	968	
		T	0	57	74	174	185	253	308	327	170	468	75	2091	
19	Diseases of the blood and blood-forming organs and certain disorders involving	M	0	37	37	74	84	142	187	183	92	243	44	1123	
		F	0	20	37	100	101	111	121	144	78	225	31	968	

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	the immune mechanism (D50-D89)	T	0	57	74	174	185	253	308	327	170	468	75	2091
1	Thalassaemia (D56)	M	0	0	1	0	0	1	0	2	0	2	0	6
		F	0	0	4	0	0	0	0	0	1	1	0	6
		T	0	0	5	0	0	1	0	2	1	3	0	12
2	Other anaemias (D50-D55,D57-D64)	M	0	28	31	62	72	126	161	163	81	227	37	988
		F	0	11	30	87	90	107	115	137	75	214	24	890
		T	0	39	61	149	162	233	276	300	156	441	61	1878
3	All other diseases of blood and blood-forming organs (D65-D76)	M	0	9	5	11	12	14	25	17	8	14	7	122
		F	0	9	3	12	9	2	6	7	2	10	7	67
		T	0	18	8	23	21	16	31	24	10	24	14	189
4	Certain disorders involving the immune mechanism (D80-D89)	M	0	0	0	1	0	1	1	1	3	0	0	7
		F	0	0	0	1	2	2	0	0	0	0	0	5
		T	0	0	0	2	2	3	1	1	3	0	0	12
IV.	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES (E00-E89)	M	0	1	21	51	165	435	1092	1778	1037	2327	249	7156
		F	0	3	29	48	75	221	618	1104	696	1774	118	4686
		T	0	4	50	99	240	656	1710	2882	1733	4101	367	11842
20	Malnutrition (E40-E46)	M	0	1	0	1	0	3	3	4	1	5	2	20
		F	0	3	1	1	0	0	3	0	2	4	0	14
		T	0	4	1	2	0	3	6	4	3	9	2	34
1	Kwashiorkor (E40)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
2	Nutritional marasmus (E41)	M	0	1	0	1	0	1	0	3	1	4	2	13
		F	0	3	1	1	0	0	1	0	1	2	0	9
		T	0	4	1	2	0	1	1	3	2	6	2	22
3	Other protein-energy malnutrition (E42-E46)	M	0	0	0	0	0	2	3	1	0	1	0	7
		F	0	0	0	0	0	0	2	0	1	2	0	5
		T	0	0	0	0	0	2	5	1	1	3	0	12
21	Endocrine, other nutritional and metabolic	M	0	0	21	50	165	432	1089	1774	1036	2322	247	7136

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	diseases (E00-E34 & E50-E89)	F	0	0	28	47	75	221	615	1104	694	1770	118	4672
		T	0	0	49	97	240	653	1704	2878	1730	4092	365	11808
1	Disorders of thyroid gland (E00-E07)	M	0	0	0	2	0	10	5	8	7	28	2	62
		F	0	0	1	5	5	13	17	23	20	50	4	138
		T	0	0	1	7	5	23	22	31	27	78	6	200
2	Diabetes mellitus (E10-E14)	M	0	0	14	32	117	350	978	1631	946	2128	232	6428
		F	0	0	24	26	53	176	537	993	617	1575	106	4107
		T	0	0	38	58	170	526	1515	2624	1563	3703	338	10535
3	All other nutritional deficiencies (E50-E64)	M	0	0	0	1	4	3	7	8	2	11	0	36
		F	0	0	0	0	3	1	6	9	3	11	0	33
		T	0	0	0	1	7	4	13	17	5	22	0	69
4	All other endocrine and metabolic diseases (E15-E34 & E65-E89)	M	0	0	7	15	44	69	99	127	81	155	13	610
		F	0	0	3	16	14	31	55	79	54	134	8	394
		T	0	0	10	31	58	100	154	206	135	289	21	1004
V.	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	0	0	0	6	20	27	33	75	32	61	23	277
		F	0	0	0	3	2	6	2	34	20	26	2	95
		T	0	0	0	9	22	33	35	109	52	87	25	372
22	Mental and behavioural disorders (F01-F99)	M	0	0	0	6	20	27	33	75	32	61	23	277
		F	0	0	0	3	2	6	2	34	20	26	2	95
		T	0	0	0	9	22	33	35	109	52	87	25	372
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	0	0	0	3	18	24	28	64	26	23	21	207
		F	0	0	0	3	1	2	2	23	6	8	1	46
		T	0	0	0	6	19	26	30	87	32	31	22	253
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	M	0	0	0	0	0	1	1	4	3	12	0	21
		F	0	0	0	0	0	1	0	2	4	4	0	11
		T	0	0	0	0	0	2	1	6	7	16	0	32
3	All other mental and behavioural disorders (F01-F09,F30-F99)	M	0	0	0	3	2	2	4	7	3	26	2	49
		F	0	0	0	0	1	3	0	9	10	14	1	38
		T	0	0	0	3	3	5	4	16	13	40	3	87

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VI.	DISEASES OF THE NERVOUS SYSTEM	M	47	42	80	115	171	341	482	392	208	667	82	2627
	(G00-G98)	F	38	25	55	89	87	115	173	154	103	395	40	1274
		T	85	67	135	204	258	456	655	546	311	1062	122	3901
23	Inflammatory diseases of the central nervous system (G00-G09)	M	47	24	31	39	46	132	98	101	66	110	20	714
		F	38	10	19	25	23	52	38	51	18	61	12	347
		T	85	34	50	64	69	184	136	152	84	171	32	1061
1	Meningitis (G00 & G03)	M	47	16	15	26	33	55	52	72	46	85	8	455
		F	36	6	8	14	13	27	24	36	10	35	3	212
		T	83	22	23	40	46	82	76	108	56	120	11	667
2	Encephalitis,myelitis and encephalomyelitis (G04)	M	0	7	16	12	12	65	34	21	14	17	8	206
		F	2	4	11	11	8	17	9	12	5	22	4	105
		T	2	11	27	23	20	82	43	33	19	39	12	311
3	Other inflammatory diseases of the central nervous system (G06,G08-G09)	M	0	1	0	1	1	12	12	8	6	8	4	53
		F	0	0	0	0	2	8	5	3	3	4	5	30
		T	0	1	0	1	3	20	17	11	9	12	9	83
24	Other diseases of the nervous system (G10-G98)	M	0	18	49	76	125	209	384	291	142	557	62	1913
		F	0	15	36	64	64	63	135	103	85	334	28	927
		T	0	33	85	140	189	272	519	394	227	891	90	2840
1	Alzheimer's disease (G30)	M	0	0	0	0	0	0	0	0	1	9	0	10
		F	0	0	0	0	0	0	0	1	0	6	0	7
		T	0	0	0	0	0	0	0	1	1	15	0	17
2	Epilepsy (G40-G41)	M	0	11	25	38	35	53	78	62	27	61	20	410
		F	0	7	11	33	21	16	32	17	18	44	10	209
		T	0	18	36	71	56	69	110	79	45	105	30	619
3	All other diseases of the nervous system (G10-G25,G31,G35-G37,G43-G98)	M	0	7	24	38	90	156	306	229	114	487	42	1493
		F	0	8	25	31	43	47	103	85	67	284	18	711
		T	0	15	49	69	133	203	409	314	181	771	60	2204
VII.	DISEASES OF THE EYE AND ADNEXA (H00-H59)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	0	0	1	1	0	0	2

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
25	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	0	0	1	1	0	0	2
1	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	1	0	0	1
		T	0	0	0	0	0	0	0	1	1	0	0	2
VIII.	DISEASES OF THE EAR AND MASTOID PROCESS (H60-H95)	M	0	0	0	0	0	0	1	1	0	0	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	1	1	0	0	0	2
26	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	1	1	0	0	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	1	1	0	0	0	2
1	Diseases of the ear and mastoid process (H60-H93)	M	0	0	0	0	0	0	1	1	0	0	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	1	1	0	0	0	2
IX.	DISEASES OF THE CIRCULATORY SYSTEM (I00-I99)	M	0	5	12	460	1232	2499	5006	6525	3908	8775	767	29189
		F	0	3	7	295	521	988	2092	3298	2348	6646	379	16577
		T	0	8	19	755	1753	3487	7098	9823	6256	15421	1146	45766
27	Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	M	0	5	12	115	75	109	92	67	56	17	3	551
		F	0	3	7	84	54	117	135	100	42	28	5	575
		T	0	8	19	199	129	226	227	167	98	45	8	1126
1	Acute rheumatic fever (I00-I02)	M	0	4	8	9	13	8	2	3	2	1	0	50
		F	0	1	5	8	7	7	0	4	2	1	0	35
		T	0	5	13	17	20	15	2	7	4	2	0	85
2	Chronic rheumatic heart diseases (I05-I09)	M	0	1	4	106	62	101	90	64	54	16	3	501
		F	0	2	2	76	47	110	135	96	40	27	5	540
		T	0	3	6	182	109	211	225	160	94	43	8	1041
28	Hypertensive diseases (I10-I15)	M	0	0	0	0	139	461	845	1081	687	1643	1	4857
		F	0	0	0	0	45	119	352	675	431	1136	1	2759

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											N.S.	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		T	0	0	0	0	184	580	1197	1756	1118	2779	2	7616	
1	Hypertensive heart disease (I11)	M	0	0	0	0	0	3	1	5	0	8	0	17	
		F	0	0	0	0	0	1	1	2	1	6	0	11	
		T	0	0	0	0	0	4	2	7	1	14	0	28	
2	All other hypertensive diseases (I10, I12-I15)	M	0	0	0	0	139	458	844	1076	687	1635	1	4840	
		F	0	0	0	0	45	118	351	673	430	1130	1	2748	
		T	0	0	0	0	184	576	1195	1749	1117	2765	2	7588	
29	Ischaemic heart diseases (I20-I25)	M	0	0	0	97	315	714	1736	2370	1574	3715	426	10947	
		F	0	0	0	39	124	235	732	1053	886	2847	174	6090	
		T	0	0	0	136	439	949	2468	3423	2460	6562	600	17037	
1	Acute myocardial infarction (I21-I22)	M	0	0	0	48	204	442	1199	1210	776	1724	259	5862	
		F	0	0	0	16	86	164	359	624	468	1474	100	3291	
		T	0	0	0	64	290	606	1558	1834	1244	3198	359	9153	
2	All other ischaemic heart diseases (I20 & I23-I25)	M	0	0	0	49	111	272	537	1160	798	1991	167	5085	
		F	0	0	0	23	38	71	373	429	418	1373	74	2799	
		T	0	0	0	72	149	343	910	1589	1216	3364	241	7884	
30	Diseases of pulmonary circulation and other forms of heart disease (I26-I51)	M	0	0	0	248	530	730	1401	1625	918	1602	164	7218	
		F	0	0	0	172	205	349	499	944	649	1398	139	4355	
		T	0	0	0	420	735	1079	1900	2569	1567	3000	303	11573	
1	Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	M	0	0	0	0	28	31	47	59	18	70	9	262	
		F	0	0	0	0	19	18	27	50	18	68	8	208	
		T	0	0	0	0	47	49	74	109	36	138	17	470	
2	Other forms of heart diseases (I30-I51)	M	0	0	0	248	502	699	1354	1566	900	1532	155	6956	
		F	0	0	0	172	186	331	472	894	631	1330	131	4147	
		T	0	0	0	420	688	1030	1826	2460	1531	2862	286	11103	
31	Cerebrovascular diseases (I60-I69)	M	0	0	0	0	149	448	864	1262	615	1679	156	5173	
		F	0	0	0	0	83	153	344	477	313	1145	52	2567	
		T	0	0	0	0	232	601	1208	1739	928	2824	208	7740	
1	Cerebrovascular diseases	M	0	0	0	0	149	448	864	1262	615	1679	156	5173	

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											N.S.	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	(I60-I69)	F	0	0	0	0	83	153	344	477	313	1145	52	2567	
		T	0	0	0	0	232	601	1208	1739	928	2824	208	7740	
32	Other diseases of the circulatory system (I70-I99)	M	0	0	0	0	24	37	68	120	58	119	17	443	
		F	0	0	0	0	10	15	30	49	27	92	8	231	
		T	0	0	0	0	34	52	98	169	85	211	25	674	
1	Atherosclerosis (I70)	M	0	0	0	0	1	0	1	3	1	4	0	10	
		F	0	0	0	0	0	1	2	0	0	2	0	5	
		T	0	0	0	0	1	1	3	3	1	6	0	15	
2	Arterial embolism and thrombosis (I74)	M	0	0	0	0	1	0	1	0	1	2	0	5	
		F	0	0	0	0	1	0	0	0	1	3	1	6	
		T	0	0	0	0	2	0	1	0	2	5	1	11	
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-I78)	M	0	0	0	0	2	3	7	5	3	10	2	32	
		F	0	0	0	0	1	1	0	2	3	7	1	15	
		T	0	0	0	0	3	4	7	7	6	17	3	47	
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis (I80-I82)	M	0	0	0	0	3	2	6	38	5	4	0	58	
		F	0	0	0	0	1	1	4	11	2	4	0	23	
		T	0	0	0	0	4	3	10	49	7	8	0	81	
5	All other diseases of the circulatory system (I83-I99)	M	0	0	0	0	17	32	53	74	48	99	15	338	
		F	0	0	0	0	7	12	24	36	21	76	6	182	
		T	0	0	0	0	24	44	77	110	69	175	21	520	
X.	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	0	34	98	254	597	966	1862	2443	1424	3339	525	11542	
		F	0	28	87	207	297	418	777	1208	658	1842	203	5725	
		T	0	62	185	461	894	1384	2639	3651	2082	5181	728	17267	
33	Diseases of the upper respiratory tract (J00-J06 & J30-J39)	M	0	1	0	2	6	7	11	13	10	18	3	71	
		F	0	0	1	0	1	3	7	9	4	20	1	46	
		T	0	1	1	2	7	10	18	22	14	38	4	117	
1	Acute pharyngitis and acute tonsillitis (J02-J03)	M	0	0	0	0	0	0	1	0	0	0	0	1	
		F	0	0	0	0	0	0	2	1	0	1	0	4	
		T	0	0	0	0	0	0	3	1	0	1	0	5	

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Acute laryngitis and tracheitis (J04)	M	0	0	0	0	0	0	0	0	0	2	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	2	0	2
3	Other acute upper respiratory infections (J00-J01 & J05-J06)	M	0	0	0	2	4	5	5	13	9	10	2	50
		F	0	0	0	0	0	3	5	6	3	15	1	33
		T	0	0	0	2	4	8	10	19	12	25	3	83
4	All other diseases of upper respiratory tract (J30-J39)	M	0	1	0	0	2	2	5	0	1	6	1	18
		F	0	0	1	0	1	0	0	2	1	4	0	9
		T	0	1	1	0	3	2	5	2	2	10	1	27
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	0	0	0	28	70	186	514	854	590	1430	232	3904
		F	0	0	0	23	50	70	194	414	214	712	92	1769
		T	0	0	0	51	120	256	708	1268	804	2142	324	5673
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	0	0	0	0	0	2	3	2	0	0	0	7
		F	0	0	0	0	0	0	1	1	0	0	0	2
		T	0	0	0	0	0	2	4	3	0	0	0	9
2	Bronchitis, chronic and unspecified, emphysema (J40-J43)	M	0	0	0	0	1	5	7	37	9	21	3	83
		F	0	0	0	0	0	3	2	10	1	21	0	37
		T	0	0	0	0	1	8	9	47	10	42	3	120
3	Asthma (J45-J46)	M	0	0	0	3	16	37	82	140	80	253	30	641
		F	0	0	0	2	11	16	58	100	56	225	24	492
		T	0	0	0	5	27	53	140	240	136	478	54	1133
4	Other lower respiratory disorders (J22, J44 & J47)	M	0	0	0	25	53	142	422	675	501	1156	199	3173
		F	0	0	0	21	39	51	133	303	157	466	68	1238
		T	0	0	0	46	92	193	555	978	658	1622	267	4411
35	Other diseases of the respiratory system (J10-J18, J60-J98)	M	0	33	98	224	521	773	1337	1576	824	1891	290	7567
		F	0	28	86	184	246	345	576	785	440	1110	110	3910
		T	0	61	184	408	767	1118	1913	2361	1264	3001	400	11477
1	Influenza (J10-J11)	M	0	0	0	6	1	8	7	12	15	29	0	78
		F	0	0	0	1	3	3	7	7	5	16	1	43
		T	0	0	0	7	4	11	14	19	20	45	1	121

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Pneumonia (J12-J18)	M	0	33	62	132	270	321	666	794	389	814	125	3606
		F	0	28	45	85	135	174	294	410	205	454	46	1876
		T	0	61	107	217	405	495	960	1204	594	1268	171	5482
3	Pleurisy (J90)	M	0	0	0	1	0	3	4	9	2	8	0	27
		F	0	0	0	4	3	0	5	0	1	8	1	22
		T	0	0	0	5	3	3	9	9	3	16	1	49
4	All other diseases of the respiratory system (J60-J86,J92-J98.)	M	0	0	36	85	250	441	660	761	418	1040	165	3856
		F	0	0	41	94	105	168	270	368	229	632	62	1969
		T	0	0	77	179	355	609	930	1129	647	1672	227	5825
XI.	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	0	13	44	173	611	1187	1688	1010	337	531	202	5796
		F	0	12	25	120	112	155	330	225	101	313	39	1432
		T	0	25	69	293	723	1342	2018	1235	438	844	241	7228
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	0	0	0	2	4	0	1	8	0	15
		F	0	0	0	0	0	1	1	0	4	0	2	8
		T	0	0	0	0	1	3	4	4	1	10	0	23
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	0	0	0	2	4	0	1	8	0	15
		F	0	0	0	0	0	1	1	0	4	0	2	8
		T	0	0	0	0	0	1	3	4	4	1	10	23
37	Diseases of the other parts of digestive system (K20-K92)	M	0	13	44	173	611	1185	1684	1010	336	523	202	5781
		F	0	12	25	120	111	154	330	221	101	311	39	1424
		T	0	25	69	293	722	1339	2014	1231	437	834	241	7205
1	Gastric and duodenal ulcer (K25-K27)	M	0	0	0	3	3	8	6	5	7	6	0	38
		F	0	0	0	0	0	0	3	4	2	5	1	15
		T	0	0	0	3	3	8	9	9	9	11	1	53
2	Gastritis and duodenitis (K29)	M	0	0	0	0	0	0	1	1	2	0	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	1	1	2	0	0	4
3	Diseases of appendix (K35-K38)	M	0	0	0	5	6	9	10	20	13	20	0	83
		F	0	0	0	3	1	4	4	9	4	12	0	37

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		T	0	0	0	8	7	13	14	29	17	32	0	120
4	Hernia (K40-K46)	M	0	0	0	0	0	2	0	7	2	4	0	15
		F	0	0	0	0	0	1	3	4	2	3	0	13
		T	0	0	0	0	0	3	3	11	4	7	0	28
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	0	0	0	1	0	1	0	1	3	6	3	15
		F	0	0	0	1	1	2	0	4	1	2	1	12
		T	0	0	0	2	1	3	0	5	4	8	4	27
6	Peritonitis (K65)	M	0	0	5	11	16	19	30	23	14	23	1	142
		F	0	0	2	5	5	3	12	8	5	13	0	53
		T	0	0	7	16	21	22	42	31	19	36	1	195
7	Diseases of the liver (K70-K76)	M	0	8	31	124	484	987	1476	819	241	347	165	4682
		F	0	10	20	90	85	130	271	151	71	217	25	1070
		T	0	18	51	214	569	1117	1747	970	312	564	190	5752
8	Cholelithiasis and cholecystitis (K80-K81)	M	0	0	0	0	1	0	1	3	0	2	2	9
		F	0	0	0	0	2	0	0	1	0	1	1	5
		T	0	0	0	0	3	0	1	4	0	3	3	14
9	Disorders of the pancreas (K85-K86)	M	0	0	0	15	77	84	90	54	19	25	18	382
		F	0	0	0	10	7	5	13	16	5	11	0	67
		T	0	0	0	25	84	89	103	70	24	36	18	449
10	All other diseases of the other parts of digestive system (K20-K22,K28,K30-K31,K50-K55,K57-K63, K66,K82-K83 & K90-K92)	M	0	5	8	14	24	75	70	77	35	90	13	411
		F	0	2	3	11	10	9	24	24	11	47	11	152
		T	0	7	11	25	34	84	94	101	46	137	24	563
XII.	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (L00-L98)	M	0	0	3	1	7	26	58	64	29	67	24	279
		F	0	0	1	3	7	7	13	40	11	38	9	129
		T	0	0	4	4	14	33	71	104	40	105	33	408
38	Diseases of the skin and subcutaneous tissue (L00-L98)	M	0	0	3	1	7	26	58	64	29	67	24	279
		F	0	0	1	3	7	7	13	40	11	38	9	129
		T	0	0	4	4	14	33	71	104	40	105	33	408
1	Infections of the skin and	M	0	0	3	0	4	25	55	63	27	61	23	261

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	subcutaneous tissue (L00-L08)	F	0	0	1	3	6	5	11	38	10	34	8	116
		T	0	0	4	3	10	30	66	101	37	95	31	377
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	0	0	0	1	3	1	3	1	2	6	1	18
		F	0	0	0	0	1	2	2	2	1	4	1	13
		T	0	0	0	1	4	3	5	3	3	10	2	31
XIII.	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	M	0	0	2	3	3	7	8	8	6	21	3	61
		F	0	0	1	4	8	6	1	9	6	20	2	57
		T	0	0	3	7	11	13	9	17	12	41	5	118
39	Diseases of the musculoskeletal system and connective tissue (M00-M99)	M	0	0	2	3	3	7	8	8	6	21	3	61
		F	0	0	1	4	8	6	1	9	6	20	2	57
		T	0	0	3	7	11	13	9	17	12	41	5	118
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)	M	0	0	0	0	0	0	0	0	2	2	0	4
		F	0	0	0	0	0	0	0	2	0	2	0	4
		T	0	0	0	0	0	0	0	2	2	4	0	8
2	Osteomyelitis (M86)	M	0	0	0	0	0	0	0	1	0	2	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	1	0	2	0	3
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02, M15-M85,M87-M99)	M	0	0	2	3	3	7	8	7	4	17	3	54
		F	0	0	1	4	8	6	1	7	6	18	2	53
		T	0	0	3	7	11	13	9	14	10	35	5	107
XIV.	DISEASES OF THE GENITOURINARY SYSTEM (N00-N99)	M	0	0	31	114	229	447	904	1139	677	1470	198	5209
		F	0	1	33	81	133	209	441	558	348	817	79	2700
		T	0	1	64	195	362	656	1345	1697	1025	2287	277	7909
40	Diseases of urinary system (N00-N39)	M	0	0	31	114	229	447	899	1134	674	1464	197	5189
		F	0	1	33	78	131	208	432	554	346	815	79	2677
		T	0	1	64	192	360	655	1331	1688	1020	2279	276	7866
1	Glomerular diseases (including Nephritic Synodrome) (N00-N07)	M	0	0	0	3	1	0	3	3	1	5	3	19
		F	0	1	2	2	0	1	0	1	1	2	0	10
		T	0	1	2	5	1	1	3	4	2	7	3	29

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Renal tubulo-interstitial diseases (N10-N15)	M	0	0	0	3	3	0	14	6	5	10	0	41
		F	0	0	0	0	1	2	3	7	5	0	0	18
		T	0	0	0	3	4	2	17	13	10	10	0	59
3	Renal failure (N17-N19)	M	0	0	31	95	205	393	789	1014	587	1235	173	4522
		F	0	0	31	71	121	177	359	464	286	652	67	2228
		T	0	0	62	166	326	570	1148	1478	873	1887	240	6750
4	Urolithiasis (N20-N23)	M	0	0	0	0	0	4	0	1	0	0	0	5
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	4	0	1	0	0	0	5
5	Other disorders of kidney and ureter (N25-N28)	M	0	0	0	7	14	37	68	90	55	142	11	424
		F	0	0	0	1	7	12	49	49	29	84	7	238
		T	0	0	0	8	21	49	117	139	84	226	18	662
6	All other diseases of urinary system (N30-N39)	M	0	0	0	6	6	13	25	20	26	72	10	178
		F	0	0	0	4	2	16	21	33	25	77	5	183
		T	0	0	0	10	8	29	46	53	51	149	15	361
41	Other diseases of the genitourinary system (N40-N99)	M	0	0	0	0	0	0	5	5	3	6	1	20
		F	0	0	0	3	2	1	9	4	2	2	0	23
		T	0	0	0	3	2	1	14	9	5	8	1	43
1	Hyperplasia of prostate (N40)	M	0	0	0	0	0	0	0	1	1	4	0	6
		T	0	0	0	0	0	0	0	1	1	4	0	6
2	All other diseases of male genital organs (N41-N50)	M	0	0	0	0	0	0	5	4	2	2	1	14
		T	0	0	0	0	0	0	5	4	2	2	1	14
3	Salpingitis and oophoritis (N70)	F	0	0	0	0	0	0	2	0	0	0	0	2
		T	0	0	0	0	0	0	2	0	0	0	0	2
4	All other diseases of female genital organs (N60-N64 & N71-N99)	F	0	0	0	3	2	1	7	4	2	2	0	21
		T	0	0	0	3	2	1	7	4	2	2	0	21
XV.	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	F	0	0	0	100	117	26	10	0	0	0	0	253
		T	0	0	0	100	117	26	10	0	0	0	0	253

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	Pregnancy with abortive outcome (O00-O08)	F	0	0	0	5	6	3	0	0	0	0	0	14
		T	0	0	0	5	6	3	0	0	0	0	0	14
1	Spontaneous abortion (O03)	F	0	0	0	0	3	1	0	0	0	0	0	4
		T	0	0	0	0	3	1	0	0	0	0	0	4
2	Medical abortion (O04)	F	0	0	0	1	1	1	0	0	0	0	0	3
		T	0	0	0	1	1	1	0	0	0	0	0	3
3	Other pregnancies with abortive outcome (O00-O02 & O05-O08)	F	0	0	0	4	2	1	0	0	0	0	0	7
		T	0	0	0	4	2	1	0	0	0	0	0	7
43	Other direct obstetric deaths (O10-O92)	F	0	0	0	94	109	23	10	0	0	0	0	236
		T	0	0	0	94	109	23	10	0	0	0	0	236
1	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium (O10-O16)	F	0	0	0	71	86	15	4	0	0	0	0	176
		T	0	0	0	71	86	15	4	0	0	0	0	176
2	Infections of genitourinary tract in pregnancy (O23)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
3	Obstructed labour (O64-O66)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
4	Complications pre-dominantly related to the puerperium (O85-O92)	F	0	0	0	6	5	2	0	0	0	0	0	13
		T	0	0	0	6	5	2	0	0	0	0	0	13
5	Other complications of pregnancy and delivery (O20-O22,O24-O63 & O67-O84)	F	0	0	0	17	18	6	6	0	0	0	0	47
		T	0	0	0	17	18	6	6	0	0	0	0	47
44	Other obstetric conditions, not elsewhere classified (O95-O99)	F	0	0	0	1	2	0	0	0	0	0	0	3
		T	0	0	0	1	2	0	0	0	0	0	0	3
1	Indirect obstetric deaths (O98-O99)	F	0	0	0	0	2	0	0	0	0	0	0	2
		T	0	0	0	0	2	0	0	0	0	0	0	2
2	All other obstetric conditions, not elsewhere classified (O95-O97)	F	0	0	0	1	0	0	0	0	0	0	0	1
		T	0	0	0	1	0	0	0	0	0	0	0	1

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
XVI.	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	M	4515	0	0	0	0	0	0	0	0	0	0	4515
		F	3213	0	0	0	0	0	0	0	0	0	0	3213
		T	7728	0	0	0	0	0	0	0	0	0	0	7728
45	Certain conditions originating in the perinatal period (P00-P96)	M	4515	0	0	0	0	0	0	0	0	0	0	4515
		F	3213	0	0	0	0	0	0	0	0	0	0	3213
		T	7728	0	0	0	0	0	0	0	0	0	0	7728
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	1666	0	0	0	0	0	0	0	0	0	0	1666
		F	1262	0	0	0	0	0	0	0	0	0	0	1262
		T	2928	0	0	0	0	0	0	0	0	0	0	2928
2	Birth trauma (P10-P15)	M	2	0	0	0	0	0	0	0	0	0	0	2
		F	4	0	0	0	0	0	0	0	0	0	0	4
		T	6	0	0	0	0	0	0	0	0	0	0	6
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	1748	0	0	0	0	0	0	0	0	0	0	1748
		F	1147	0	0	0	0	0	0	0	0	0	0	1147
		T	2895	0	0	0	0	0	0	0	0	0	0	2895
4	Haemolytic disease of fetus and new-born (P55)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
5	Other perinatal jaundice (P58-P59)	M	10	0	0	0	0	0	0	0	0	0	0	10
		F	9	0	0	0	0	0	0	0	0	0	0	9
		T	19	0	0	0	0	0	0	0	0	0	0	19
6	All other conditions originating in the perinatal period (P00-P04,P08,P29-P54,P56-P57,P60-P96.)	M	1089	0	0	0	0	0	0	0	0	0	0	1089
		F	791	0	0	0	0	0	0	0	0	0	0	791
		T	1880	0	0	0	0	0	0	0	0	0	0	1880
XVII.	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES (Q00-Q99)	M	611	178	201	0	0	0	0	0	0	0	0	990
		F	476	125	125	0	0	0	0	0	0	0	0	726
		T	1087	303	326	0	0	0	0	0	0	0	0	1716
46	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	M	611	178	201	0	0	0	0	0	0	0	0	990
		F	476	125	125	0	0	0	0	0	0	0	0	726
		T	1087	303	326	0	0	0	0	0	0	0	0	1716

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Spina bifida (Q05)	M	2	0	0	0	0	0	0	0	0	0	0	2
		F	1	0	0	0	0	0	0	0	0	0	0	1
		T	3	0	0	0	0	0	0	0	0	0	0	3
2	Congenital malformations of the circulatory system (Q20-Q28)	M	525	128	156	0	0	0	0	0	0	0	0	809
		F	415	90	100	0	0	0	0	0	0	0	0	605
		T	940	218	256	0	0	0	0	0	0	0	0	1414
3	Cleft lip and cleft palate (Q35-Q37)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
4	All other congenital malformations, deformations and chromosomal abnormalities, not elsewhere classified (Q00-Q04,Q06-Q18,Q30-Q34 & Q38-Q99)	M	84	50	45	0	0	0	0	0	0	0	0	179
		F	60	35	25	0	0	0	0	0	0	0	0	120
		T	144	85	70	0	0	0	0	0	0	0	0	299
XVIII.	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL AND LABORATORY FINDINGS,NOT ELSEWHERE CLASSIFIED (R00-R99)	M	0	19	17	45	91	144	286	334	181	1705	291	3113
		F	0	13	8	37	48	93	196	80	134	1514	165	2288
		T	0	32	25	82	139	237	482	414	315	3219	456	5401
47	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	M	0	19	17	45	91	144	286	334	181	1705	291	3113
		F	0	13	8	37	48	93	196	80	134	1514	165	2288
		T	0	32	25	82	139	237	482	414	315	3219	456	5401
1	Abdominal and pelvic pain (R10)	M	0	0	0	0	0	1	5	2	0	1	0	9
		F	0	0	0	0	0	0	0	0	0	2	0	2
		T	0	0	0	0	0	1	5	2	0	3	0	11
2	Ascites (R18)	M	0	0	0	0	0	0	2	2	1	0	0	5
		F	0	0	0	0	0	1	2	0	0	1	0	4
		T	0	0	0	0	0	1	4	2	1	1	0	9
3	Somnolence, stupor and coma (R40)	M	0	0	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	1	0	1
4	Fever of unknown origin (R50)	M	0	0	0	0	1	2	2	3	1	3	0	12
		F	0	0	0	0	0	0	2	1	2	1	0	6

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		T	0	0	0	0	1	2	4	4	3	4	0	18
5	Senility (R54)	M	0	0	0	0	0	0	0	31	63	856	77	1027
		F	0	0	0	0	0	0	0	18	63	745	59	885
		T	0	0	0	0	0	0	0	49	126	1601	136	1912
6	Syncope and collapse (R55)	M	0	0	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	0	0	0	0	0	0	1	0	1
		T	0	0	0	0	0	0	0	0	0	2	0	2
7	Convulsions, not elsewhere classified (R56)	M	0	0	0	0	0	0	2	4	0	1	0	7
		F	0	0	0	0	0	1	0	2	0	0	0	3
		T	0	0	0	0	0	1	2	6	0	1	0	10
8	Shock, not elsewhere classified (R57)	M	0	0	0	0	0	1	2	5	2	22	16	48
		F	0	0	0	0	0	12	0	1	2	36	6	57
		T	0	0	0	0	0	13	2	6	4	58	22	105
9	All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R09, R11-R17,R19-R39,R41-R49,R51-R53,R58-R99)	M	0	19	17	45	90	140	273	287	114	820	198	2003
		F	0	13	8	37	48	79	192	58	67	728	100	1330
		T	0	32	25	82	138	219	465	345	181	1548	298	3333
XIX.	INJURY, POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES (S00-T98)	M	10	47	106	654	1117	974	947	708	271	432	31	5297
		F	19	37	82	298	326	264	277	250	117	292	9	1971
		T	29	84	188	952	1443	1238	1224	958	388	724	40	7268
48	Fractures (S02,S12,S22,S32,S42,S52, S62,S72,S82,S92,T02,T08,T10 & T12)	M	0	0	2	18	20	27	24	11	11	37	2	152
		F	0	1	2	1	3	3	5	9	2	32	1	59
		T	0	1	4	19	23	30	29	20	13	69	3	211
1	Fracture of skull and facial bones (S02)	M	0	0	0	0	0	0	1	0	0	3	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	1	0	0	3	0	4
2	Fracture of neck, thorax or pelvis (S12,S22,S32 & T08)	M	0	0	0	7	13	13	12	8	8	17	1	79
		F	0	0	0	1	1	2	2	5	0	27	0	38
		T	0	0	0	8	14	15	14	13	8	44	1	117
3	Fracture of upper limb	M	0	0	0	0	0	0	1	0	0	1	0	2

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	(S42,S52,S62 & T10)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	1	0	0	1	0	2
4	Fractures of lower limb (S72,S82,S92 & T12)	M	0	0	0	0	0	1	0	0	1	10	1	13
		F	0	0	0	0	0	0	0	0	2	4	0	6
		T	0	0	0	0	0	1	0	0	3	14	1	19
5	Fractures involving multiple body regions , and of unspecified body region (T02)	M	0	0	2	11	7	13	10	3	2	6	0	54
		F	0	1	2	0	2	1	3	4	0	1	1	15
		T	0	1	4	11	9	14	13	7	2	7	1	69
49	Dislocations, sprains and strains of specified and multiple body regions (S03,S13,S23,S33,S43,S53, S63,S73,S83,S93,T03)	M	0	0	0	2	6	1	0	0	0	0	0	9
		F	0	0	0	0	0	0	1	0	0	0	0	1
		T	0	0	0	2	6	1	1	0	0	0	0	10
50	Intracranial and internal injuries, including nerves (S04,S06,S14,S24,S26-S27,S34,S36-S37,S44,S54, S64,S74,S84 & S94)	M	0	2	2	15	34	36	41	33	5	14	2	184
		F	6	4	3	2	3	7	9	7	10	17	0	68
		T	6	6	5	17	37	43	50	40	15	31	2	252
51	Crushing injuries and traumatic amputations of specified and	M	0	0	0	2	12	4	4	4	0	3	1	30
		F	0	0	0	1	0	1	2	4	1	0	0	9
		T	0	0	0	3	12	5	6	8	1	3	1	39
52	Other injuries of specified,unspecified and multiple body	M	5	18	52	308	440	378	443	355	148	206	14	2367
		F	8	10	17	38	55	59	98	119	55	124	4	587
		T	13	28	69	346	495	437	541	474	203	330	18	2954
53	Effects of foreign body entering through natural orifice (T15-T19)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	1	0	0	0	0	1
		T	0	0	0	0	0	0	1	0	0	0	0	1
54	Burns and Corrosions (T20-T32)	M	2	20	23	96	229	185	125	97	32	75	1	885
		F	4	20	27	79	113	71	64	47	20	67	0	512
		T	6	40	50	175	342	256	189	144	52	142	1	1397
55	Poisonings by drugs & biological substances; and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	3	5	25	171	279	249	264	180	61	81	11	1329
		F	1	2	23	139	107	93	81	52	23	44	3	568
		T	4	7	48	310	386	342	345	232	84	125	14	1897

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35,T66-T79)	M	0	2	2	41	96	92	46	28	14	14	0	335
		F	0	0	10	38	45	30	16	12	5	7	0	163
		T	0	2	12	79	141	122	62	40	19	21	0	498
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	0	0	0	1	1	1	0	0	0	2	0	5
		F	0	0	0	0	0	0	0	0	1	1	1	3
		T	0	0	0	1	1	1	0	0	1	3	1	8
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	0	0	0	0	0	1	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	1	0	0	0	0	0	1
XX.	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (V01-Y89)	M	10	47	106	654	1117	974	947	708	271	432	31	5297
		F	19	37	82	298	326	264	277	250	117	292	9	1971
		T	29	84	188	952	1443	1238	1224	958	388	724	40	7268
E48	Transport accidents (V01-V99)	M	5	13	35	291	446	386	425	327	127	180	18	2253
		F	13	14	12	31	42	61	92	109	46	110	5	535
		T	18	27	47	322	488	447	517	436	173	290	23	2788
1	Railway accidents (V05,V15,V80.6,V81, V82.2, V87.6 & V88.6)	M	0	0	0	0	2	1	1	0	1	0	0	5
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	2	1	1	0	1	0	0	5
2	Motor vehicle traffic accidents (V02-V04,V09.2-V09.3,V12-V14,V19.4-V19.6,V19.9,V20-V28,V29.4-V29.6,V29.9, V30-V38,V39.4-V39.6,V39.9,V40-V48,V49.4-V49.6,V49.9, V50-V58,V59.4-V59.6,V59.9,V60-V68,V69.4-V69.6,V69.9, V70-V78,V79.4-V79.6,V79.9,V80.3-V80.5,V82.1,V87.0-V87.5,V87.7-V87.9,V89.2-V89.3)	M	5	13	35	290	440	382	417	325	126	174	18	2225
		F	13	13	11	31	41	61	91	109	46	108	5	529
		T	18	26	46	321	481	443	508	434	172	282	23	2754
3	Other road vehicle accidents (V01,V06,V09.9,V10-V11, V16-V18,V19.8,V29.8,V39.8,V49.8,V59.8,V69.8,V79.8, V80.0-V80.2,V80.7-V80.9, V82.3-V82.7, V82.9 & V89.1)	M	0	0	0	0	0	0	4	0	0	3	0	7
		F	0	0	0	0	0	1	0	0	0	1	0	2
		T	0	0	0	0	0	1	0	4	0	4	0	9
4	Water transport accidents (V90-V94)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
5	Air & Space transport accidents (V95-V97)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
6	All other transport accidents (V09.0-V09.1,V19.0-V19.3,V29.0-	M	0	0	0	1	4	3	3	2	0	3	0	16
		F	0	1	1	0	0	0	1	0	0	1	0	4
		T	0	1	1	1	4	3	4	2	0	4	0	20
E49	Accidental Falls (W00-W19)	M	0	4	11	39	44	38	49	40	23	50	1	299
		F	0	1	4	1	4	4	10	19	4	29	0	76
		T	0	5	15	40	48	42	59	59	27	79	1	375
E50	Accidental drowning and submersion (W65-W74)	M	0	2	6	14	18	11	13	3	3	7	0	77
		F	0	0	4	3	1	2	4	3	4	8	0	29
		T	0	2	10	17	19	13	17	6	7	15	0	106
E51	Exposure to smoke, fire and flames (X00-X09)	M	2	21	23	94	208	165	116	94	29	70	0	822
		F	4	17	24	63	100	56	55	38	15	60	0	432
		T	6	38	47	157	308	221	171	132	44	130	0	1254
E52	Accidental poisoning by and exposure to noxious substances (X40-X49)	M	0	3	8	99	167	154	156	106	35	46	5	779
		F	0	3	10	92	70	54	39	31	15	20	3	337
		T	0	6	18	191	237	208	195	137	50	66	8	1116
E53	Intentional self-harm (Suicide- attempted) (X60-X84)	M	0	0	6	88	191	176	129	69	28	29	5	721
		F	0	0	13	100	85	66	43	25	6	15	1	354
		T	0	0	19	188	276	242	172	94	34	44	6	1075
E54	Assault (Homicide) (X85-Y09)	M	0	0	2	9	10	13	22	26	12	28	0	122
		F	0	0	1	0	6	6	5	10	13	23	0	64
		T	0	0	3	9	16	19	27	36	25	51	0	186
E55	Other Violence (Y10-Y36)	M	0	0	0	1	0	0	1	0	0	1	2	5
		F	0	0	0	1	1	0	2	1	0	0	0	5
		T	0	0	0	2	1	0	3	1	0	1	2	10
1	Event of undetermined intent (Y10-Y34)	M	0	0	0	1	0	0	1	0	0	1	2	5
		F	0	0	0	1	1	0	2	1	0	0	0	5

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		T	0	0	0	2	1	0	3	1	0	1	2	10
2	Legal intervention (Y35)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
3	Operations of war (Y36)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
E56	Complications of medical and surgical care (Y40-Y84)	M	0	0	0	0	1	2	1	1	1	0	0	6
		F	0	0	0	0	0	0	0	0	0	3	0	3
		T	0	0	0	0	1	2	1	1	1	3	0	9
1	Drugs,medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	0	0	2	1	1	0	0	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	2	1	1	0	0	0	4
2	Misadventures during surgical & medical care,adverse incidents in diagnostic and therapeutic use, abnormal reactions and late complications (Y60-Y69,Y70-Y82 & Y83-Y84)	M	0	0	0	0	1	0	0	0	1	0	0	2
		F	0	0	0	0	0	0	0	0	0	3	0	3
		T	0	0	0	0	1	0	0	0	1	3	0	5
E57	Other external causes of accidental injury, not elsewhere classified (W20-W64,W75-W99, X10-X39,X50-X59)	M	3	4	15	19	32	29	35	42	13	21	0	213
		F	2	2	14	7	17	15	27	14	14	24	0	136
		T	5	6	29	26	49	44	62	56	27	45	0	349
1	Accidents caused by machinery, and by cutting & piercing instruments (W24-W31)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	1	0	0	0	1
2	Accidents caused by firearm missile (W32-W34)	M	0	0	0	0	2	1	1	0	0	0	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	2	1	1	0	0	0	0	4
3	Bites of snakes & other venomous animals (X20-X27)	M	3	3	13	14	15	23	27	32	9	18	0	157
		F	1	2	14	4	12	14	21	14	11	17	0	110
		T	4	5	27	18	27	37	48	46	20	35	0	267
4	Sun stroke	M	0	0	0	0	0	0	0	0	0	0	0	0

M.G/ CAT/ S.C	CAUSE OF DEATH	SEX	AGE GROUPS											TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	(X32)	F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
5	All other accidents including late effects (W20-W23,W35-W64, W75-W99,X10-X19, X28-X31, X33-X39 & X50-X59)	M	0	1	2	5	15	5	7	9	4	3	0	51
		F	1	0	0	3	5	1	6	0	3	7	0	26
		T	1	1	2	8	20	6	13	9	7	10	0	77
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0	0	0	0	0	0
XXI.	Codes for Special Purposes	M	12	6	12	75	294	856	1785	2775	1679	3350	406	11250
	(U00-U49)	F	3	7	6	50	99	277	650	1099	634	1258	143	4226
		T	15	13	18	125	393	1133	2435	3874	2313	4608	549	15476
	Provisional Assignment of New Diseases of Uncertain Etiology or En	M	12	6	12	75	294	856	1785	2775	1680	3350	405	11250
	(U01-U49)	F	3	7	6	50	99	277	650	1099	634	1258	143	4226
		T	15	13	18	125	393	1133	2435	3874	2314	4608	548	15476
1	COVID-19, Virus Identified (U07.1)	M	11	5	12	66	278	807	1702	2675	1639	3269	395	10859
		F	2	7	4	44	94	250	619	1051	612	1210	133	4026
		T	13	12	16	110	372	1057	2321	3726	2251	4479	528	14885
2	COVID-19, Virus not Identified (U07.2)	M	1	1	0	9	16	49	83	100	41	81	10	391
		F	1	0	2	6	5	27	31	48	22	48	10	200
		T	2	1	2	15	21	76	114	148	63	129	20	591
	ALL CAUSES (MAJOR GROUP I to XIX)	M	5213	478	919	2395	5173	8982	15213	17703	10009	22789	2817	91691
		F	3770	381	678	1696	2414	3697	6775	9051	5644	16038	1292	51436
		T	8983	859	1597	4091	7587	12679	21988	26754	15653	38827	4109	143127
	ALL CAUSES (MAJOR GROUP I to XXI)	M	5225	484	931	2470	5467	9838	16998	20478	11688	26139	3223	102941
		F	3773	388	684	1746	2513	3974	7425	10150	6278	17296	1435	55662
		T	8998	872	1615	4216	7980	13812	24423	30628	17966	43435	4658	158603

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2011 to 2020

Major Group No.	Cause of Death	Sex										
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	2	3	5	6	7	8	9	10	11	12	13	14
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	M	8477	8528	9510	8989	9033	9085	8680	8635	8940	7408
		F	4689	5057	4998	4517	4715	4855	4691	4707	4901	4217
		T	13166	13585	14508	13506	13748	13940	13371	13342	13841	11625
2	NEOPLASMS (C00-D48)	M	4366	4545	5525	6214	6546	7659	7761	7992	6737	7106
		F	3213	3239	4055	4692	4872	5625	5565	5616	5455	5124
		T	7579	7784	9580	10906	11418	13284	13326	13608	12192	12230
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	M	1097	1120	1222	1253	1273	1363	1505	1551	1413	1123
		F	912	893	1223	1077	1198	1249	1364	1624	1260	968
		T	2009	2013	2445	2330	247	2612	2869	3175	2673	2091
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	M	4599	4874	4606	4523	4619	5464	5656	5936	6626	7156
		F	3237	3232	3432	3320	3508	3962	3873	4269	4275	4686
		T	7836	8106	8038	7843	8127	9426	9529	10205	10901	11842
5	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	74	101	192	86	95	109	96	86	68	277
		F	31	24	54	34	28	21	25	16	16	95
		T	105	125	246	120	123	130	121	102	84	372
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	M	2001	2074	2417	2075	2221	2219	2323	2286	2510	2627
		F	1162	1195	1451	1165	1402	1369	1431	1394	1446	1274
		T	3163	3269	3868	3240	3623	3588	3754	3680	3956	3901
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	M	2	4	7	7	2	0	6	2	3	1
		F	1	2	5	3	1	1	1	0	1	1
		T	3	6	12	10	3	1	7	2	4	2
8	DISEASES OF THE EAR AND MASTOID PROCESS (H60-H95)	M	5	2	6	5	7	1	1	2	1	2
		F	3	1	5	2	1	1	0	0	1	0
		T	8	3	11	7	8	2	1	2	2	2
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	M	23749	24681	26384	27962	29697	27504	28634	28391	29405	29189
		F	13184	13581	14997	15347	16873	15639	16661	16454	16479	16577
		T	36933	38262	41381	43309	46570	43143	45295	44845	45884	45766
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	M	6451	6678	8140	8401	8264	8517	8454	8545	11149	11542
		F	3280	3380	4212	3825	4232	4156	4237	4269	5635	5725
		T	9731	10058	12352	12226	12496	12673	12691	12814	16784	17267
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	M	6466	6700	7788	7936	8235	7801	7705	7788	7449	5796
		F	1608	1523	1750	1716	1811	1889	1833	1880	1956	1432
		T	8074	8223	9538	9652	10046	9690	9538	9668	9405	7228

TABLE-3 : Medically Certified Deaths by Sex and Major Cause Groups (based upon tenth revision of ICD) during 2011 to 2020

Major Group No.	Cause of Death	Sex										
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	2	3	5	6	7	8	9	10	11	12	13	14
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	M	508	476	708	701	896	742	629	667	700	279
		F	264	230	364	373	349	322	313	352	284	129
		T	772	706	1072	1074	1245	1064	942	1019	984	408
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	M	107	124	162	186	239	186	162	141	61	61
		F	84	92	173	121	178	125	103	85	18	57
		T	191	216	335	307	417	311	265	226	79	118
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	M	2544	2722	3143	2907	3271	3827	3907	3841	4756	5209
		F	1528	1457	1821	1669	1868	2113	2126	2074	2646	2700
		T	4072	4179	4964	4576	5139	5940	6033	5915	7402	7909
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	M	0	0	0	0	0	0	0	0	0	0
		F	841	642	758	1069	638	550	433	306	266	253
		T	841	642	758	1069	638	550	433	306	266	253
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	M	7090	6932	8073	9243	5219	5160	4665	5793	6078	4515
		F	4412	4678	5353	5344	3439	3410	3100	3249	4233	3213
		T	11502	11610	13406	14587	8658	8570	7765	9042	10311	7728
17	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	M	1101	954	1352	1500	1270	1258	1336	1491	1595	990
		F	704	665	899	935	830	734	931	961	1057	726
		T	1805	1619	2251	2435	2100	1992	2267	2452	2652	1716
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	M	1019	793	1389	1537	1819	2320	1945	3121	2988	3113
		F	611	447	1060	1144	1471	1534	1233	2162	1581	2288
		T	1630	1240	2449	2681	3290	3854	3178	5283	4569	5401
19	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	M	8861	8411	10714	10848	11251	10899	10655	10599	8958	5297
		F	4940	5123	5780	5560	5043	4855	4650	4130	3579	1917
		T	13801	13534	16494	16408	16294	15754	15305	14729	12537	7268
20	CODES FOR SPECIAL PURPOSES (U00-U49)	M										11250
		F										4226
		T										15476
ALL CAUSES		M	78517	79719	91318	94373	93957	94114	94120	96867	99437	102941
		F	44704	45461	52390	51913	52457	52410	52570	53548	55089	55662
		T	123221	125180	143708	146286	146414	146524	146690	150415	154526	158603

TABLE-4 : PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2011 TO 2020

Major Group No.	Cause of Death	Sex	96									
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	2	3	5	6	7	8	9	10	11	12	13	14
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	M	10.80	10.70	10.41	9.52	9.61	9.65	9.22	8.91	8.99	7.20
		F	10.49	11.12	9.54	8.70	8.99	9.26	8.92	8.79	8.90	7.5
		T	10.68	10.85	10.10	9.23	9.39	9.51	9.12	8.87	8.96	7.33
2	NEOPLASMS (C00-D48)	M	5.56	5.70	6.05	6.58	6.97	8.14	8.25	8.25	6.78	6.90
		F	7.19	7.12	7.74	9.04	9.29	10.73	10.59	10.49	9.90	9.21
		T	6.15	6.22	6.67	7.46	7.80	9.07	9.08	9.05	7.89	7.71
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM(D50-D89)	M	1.40	1.40	1.34	1.33	1.35	1.45	1.60	1.60	1.42	1.09
		F	2.04	1.96	2.33	2.07	2.28	2.38	2.59	3.03	2.29	1.74
		T	1.63	1.61	1.70	1.59	1.69	1.78	1.96	2.11	1.73	1.32
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	M	5.86	6.11	5.04	4.79	4.92	5.81	6.01	6.13	6.66	6.95
		F	7.24	7.11	6.55	6.40	6.69	7.56	7.37	7.97	7.76	8.42
		T	6.36	6.48	5.59	5.36	5.55	6.43	6.50	6.78	7.05	7.47
5	MENTAL AND BEHAVIOURAL DISORDERS (F01-F99)	M	0.09	0.13	0.21	0.09	0.10	0.12	0.10	0.09	0.07	0.27
		F	0.07	0.05	0.10	0.07	0.05	0.04	0.05	0.03	0.03	0.17
		T	0.09	0.10	0.17	0.08	0.08	0.09	0.08	0.07	0.05	0.23
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	M	2.55	2.60	2.65	2.20	2.36	2.36	2.47	2.36	2.52	2.55
		F	2.60	2.63	2.77	2.24	2.67	2.61	2.72	2.60	2.62	2.29
		T	2.57	2.61	2.69	2.21	2.47	2.45	2.56	2.45	2.56	2.46
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	M	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00
		F	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
		T	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	M	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
		F	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	M	30.25	30.96	28.89	29.63	31.61	29.22	30.42	29.31	29.57	28.35
		F	29.49	29.87	28.63	29.56	32.17	29.84	31.69	30.73	29.91	29.78
		T	29.97	30.57	28.80	29.61	31.81	29.44	30.88	29.82	29.69	28.85
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	M	8.22	8.38	8.91	8.90	8.80	9.05	8.98	8.82	11.21	11.21
		F	7.34	7.43	8.04	7.37	8.07	7.93	8.06	7.97	10.23	10.28
		T	7.90	8.03	8.60	8.36	8.53	8.65	8.65	8.52	10.86	10.89

TABLE-4 : PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY SEX AND MAJOR CAUSE GROUPS (BASED UPON TENTH REVISION ICD) DURING 2011 TO 2020

Major Group No.	Cause of Death	Sex	97										
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
1	2	3	5	6	7	8	9	10	11	12	13	14	
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	M	8.24	8.40	8.53	8.41	8.76	8.29	8.19	8.04	7.49	5.63	
		F	3.60	3.35	3.34	3.31	3.45	3.60	3.49	3.51	3.55	2.57	
		T	6.55	6.57	6.64	6.60	6.86	6.61	6.50	6.43	6.09	4.56	
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	M	0.65	0.60	0.78	0.74	0.95	0.79	0.67	0.69	0.70	0.27	
		F	0.59	0.51	0.69	0.72	0.67	0.61	0.60	0.66	0.52	0.23	
		T	0.63	0.56	0.75	0.73	0.85	0.73	0.64	0.68	0.64	0.26	
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	M	0.14	0.16	0.18	0.20	0.25	0.20	0.17	0.15	0.06	0.06	
		F	0.19	0.20	0.33	0.23	0.34	0.24	0.20	0.16	0.03	0.10	
		T	0.16	0.17	0.23	0.21	0.28	0.21	0.18	0.15	0.05	0.07	
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	M	3.24	3.41	3.44	3.08	3.48	4.07	4.15	3.97	4.78	5.06	
		F	3.42	3.20	3.48	3.21	3.56	4.03	4.04	3.87	4.80	4.85	
		T	3.30	3.34	3.45	3.13	3.51	4.05	4.11	3.93	4.79	4.49	
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		F	1.88	1.41	1.45	2.06	1.22	1.05	0.82	0.57	0.48	0.45	
		T	0.68	0.51	0.53	0.73	0.44	0.38	0.30	0.20	0.17	0.16	
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	M	9.03	8.70	8.82	9.79	5.55	5.48	4.96	5.98	6.11	4.39	
		F	9.87	10.29	10.22	10.29	6.56	6.51	5.90	6.07	7.68	5.77	
		T	9.33	9.27	9.33	9.97	5.91	5.85	5.29	6.01	6.67	4.87	
17	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	M	1.40	1.20	1.48	1.59	1.35	1.34	1.42	1.54	1.60	0.96	
		F	1.57	1.46	1.72	1.80	1.58	1.40	1.77	1.79	1.92	1.30	
		T	1.46	1.29	1.57	1.66	1.43	1.36	1.55	1.63	1.72	1.08	
18	SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R000-R99)	M	1.30	0.99	1.52	1.63	1.94	2.47	2.07	3.22	3.00	3.02	
		F	1.37	0.98	2.02	2.20	2.80	2.93	2.35	4.04	2.87	4.11	
		T	1.32	0.99	1.70	1.83	2.25	2.63	2.17	3.51	2.96	3.41	
19	INJURY,POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES(S00-T98)	M	11.29	10.55	11.73	11.49	11.97	11.58	11.32	10.94	9.01	5.15	
		F	11.05	11.27	11.03	10.71	9.61	9.26	8.85	7.71	6.50	3.54	
		T	11.20	10.81	11.48	11.22	11.13	10.75	10.43	9.79	8.11	4.58	
	Codes for Special Purposes (U00-U49)	M										10.93	
		F											7.59
		T											9.76
ALL CAUSES		M	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
		F	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
		T	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

TABLE 5: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	0.56	15.50	14.93	10.85	10.28	11.62	8.61	6.62	6.93	5.36	5.03	7.20
		Female	0.61	23.20	19.88	12.89	15.32	13.06	9.00	7.40	6.37	5.46	5.30	7.58
		Total	0.58	18.92	17.03	11.69	11.87	12.03	8.73	6.88	6.73	5.40	5.11	7.33
2	NEOPLASMS (C00-D48)	Male	0.02	5.58	13.75	7.17	5.19	6.55	7.03	8.24	8.53	6.69	6.70	6.90
		Female	0.03	6.19	7.60	4.93	7.76	14.07	14.22	11.78	9.92	6.89	9.76	9.21
		Total	0.02	5.85	11.15	6.24	6.00	8.71	9.22	9.41	9.02	6.77	7.64	7.71
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	Male	0.00	7.64	3.97	3.00	1.54	1.44	1.10	0.89	0.79	0.93	1.37	1.09
		Female	0.00	5.15	5.41	5.73	4.02	2.79	1.63	1.42	1.24	1.30	2.16	1.74
		Total	0.00	6.54	4.58	4.13	2.32	1.83	1.26	1.07	0.95	1.08	1.61	1.32
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	0.21	2.26	2.06	3.02	4.42	6.42	8.68	8.87	8.90	7.73	6.95
		Female	0.00	0.77	4.24	2.75	2.98	5.56	8.32	10.88	11.09	10.26	8.22	8.42
		Total	0.00	0.46	3.10	2.35	3.01	4.75	7.00	9.41	9.65	9.44	7.88	7.47
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	0.24	0.37	0.27	0.19	0.37	0.27	0.23	0.71	0.27
		Female	0.00	0.00	0.00	0.17	0.08	0.15	0.03	0.33	0.32	0.15	0.14	0.17
		Total	0.00	0.00	0.00	0.21	0.28	0.24	0.14	0.36	0.29	0.20	0.54	0.23
6	DISEASES OF THE NERVOUS SYSTEM (G00-G98)	Male	0.90	8.68	8.59	4.66	3.13	3.47	2.84	1.91	1.78	2.55	2.54	2.55
		Female	1.01	6.44	8.04	5.10	3.46	2.89	2.33	1.52	1.64	2.28	2.79	2.29
		Total	0.94	7.68	8.36	4.84	3.23	3.30	2.68	1.78	1.73	2.45	2.62	2.46
7	DISEASES OF THE EYE AND ADNEXA H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00

TABLE 5: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											NS	TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	
		Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0.00	1.03	1.29	18.62	22.54	25.40	29.45	31.86	33.44	33.57	23.80	28.36	
		Female	0.00	0.77	1.02	16.90	20.73	24.86	28.18	32.49	37.40	38.43	26.41	29.78	
		Total	0.00	0.92	1.18	17.91	21.97	25.25	29.06	32.07	34.82	35.50	24.60	28.86	
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0.00	7.02	10.53	10.28	10.92	9.82	10.95	11.93	12.18	12.77	16.29	11.21	
		Female	0.00	7.22	12.72	11.86	11.82	10.52	10.46	11.90	10.48	10.65	14.15	10.29	
		Total	0.00	7.11	11.46	10.93	11.20	10.02	10.81	11.92	11.59	11.93	15.63	10.89	
11	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	Male	0.00	2.69	4.73	7.00	11.18	12.07	9.93	4.93	2.88	2.03	6.27	5.63	
		Female	0.00	3.09	3.65	6.87	4.46	3.90	4.44	2.22	1.61	1.81	2.72	2.57	
		Total	0.00	2.87	4.27	6.95	9.06	9.72	8.26	4.03	2.44	1.94	5.17	4.56	
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	0.32	0.04	0.13	0.26	0.34	0.31	0.25	0.26	0.74	0.27	
		Female	0.00	0.00	0.15	0.17	0.28	0.18	0.18	0.39	0.18	0.22	0.63	0.23	
		Total	0.00	0.00	0.25	0.09	0.18	0.24	0.29	0.34	0.22	0.24	0.71	0.26	
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M99)	Male	0.00	0.00	0.21	0.12	0.05	0.07	0.05	0.04	0.05	0.08	0.09	0.06	
		Female	0.00	0.00	0.15	0.23	0.32	0.15	0.01	0.09	0.10	0.12	0.14	0.10	
		Total	0.00	0.00	0.19	0.17	0.14	0.09	0.04	0.06	0.07	0.09	0.11	0.07	
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	0.00	3.33	4.62	4.19	4.54	5.32	5.56	5.79	5.62	6.14	5.06	
		Female	0.00	0.26	4.82	4.64	5.29	5.26	5.94	5.50	5.54	4.72	5.51	4.85	
		Total	0.00	0.11	3.96	4.63	4.54	4.75	5.51	5.54	5.71	5.27	5.95	4.99	

TABLE 5: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS BY AGE, SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO.	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	5.73	4.66	0.65	0.13	0.00	0.00	0.00	0.00	0.45
		Total	0.00	0.00	0.00	2.37	1.47	0.19	0.04	0.00	0.00	0.00	0.00	0.16
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	86.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.39
		Female	85.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.77
		Total	85.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.87
17	CONGENITAL MALFORMATIONS,DEFORMATIONS & CHROMOSOMAL ABNORMALITIES (Q00-Q99)	Male	11.69	36.78	21.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96
		Female	12.62	32.22	18.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30
		Total	12.08	34.75	20.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	Male	0.00	3.93	1.83	1.82	1.66	1.46	1.68	1.63	1.55	6.52	9.03	3.02
		Female	0.00	3.35	1.17	2.12	1.91	2.34	2.64	0.79	2.13	8.75	11.50	4.11
		Total	0.00	3.67	1.55	1.94	1.74	1.72	1.97	1.35	1.75	7.41	9.79	3.41
19	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES (S00-T98)	Male	0.19	9.71	11.39	26.48	20.43	9.90	5.57	3.46	2.32	1.65	0.96	5.15
		Female	0.50	9.54	11.99	17.07	12.97	6.64	3.73	2.46	1.86	1.69	0.63	3.54
		Total	0.32	9.63	11.64	22.58	18.08	8.96	5.01	3.13	2.16	1.67	0.86	4.58
20	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-Y89)	Male	0.19	9.71	11.39	26.48	20.43	9.90	5.57	3.46	2.32	1.65	0.96	5.15
		Female	0.50	9.54	11.99	17.07	12.97	6.64	3.73	2.46	1.86	1.69	0.63	3.54
		Total	0.32	9.63	11.64	22.58	18.08	8.96	5.01	3.13	2.16	1.67	0.86	4.58
21	Codes for Special Purposes (U00-U49)	Male	0.23	1.24	1.29	3.04	5.38	8.70	10.50	13.55	14.37	12.82	12.60	10.93
		Female	0.08	1.80	0.88	2.86	3.94	6.97	8.75	10.83	10.10	7.27	9.97	7.59
		Total	0.17	1.49	1.11	2.96	4.92	8.20	9.97	12.65	12.87	10.61	11.79	9.76
	ALL CAUSES	MALE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		FEMALE	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
		TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 6: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	CERTAIN INFECTIOUS AND PARASITIC DISEASES(A00-B99)	Male	0.39	1.01	1.88	3.62	7.59	15.43	19.76	18.29	10.93	18.91	2.19	100.00
		Female	0.55	2.13	3.23	5.34	9.13	12.31	15.84	17.81	9.49	22.39	1.80	100.00
		Total	0.45	1.42	2.37	4.24	8.15	14.30	18.34	18.12	10.41	20.17	2.05	100.00
2	NEOPLASMS (C00-D48)	Male	0.01	0.38	1.80	2.49	4.00	9.06	16.82	23.74	14.03	24.63	3.04	100.00
		Female	0.02	0.47	1.01	1.68	3.81	10.91	20.61	23.34	12.16	23.26	2.73	100.00
		Total	0.02	0.42	1.47	2.15	3.92	9.84	18.41	23.57	13.25	24.06	2.91	100.00
3	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	Male	0.00	3.29	3.29	6.59	7.48	12.64	16.65	16.30	8.19	21.64	3.92	100.00
		Female	0.00	2.07	3.82	10.33	10.43	11.47	12.50	14.88	8.06	23.24	3.20	100.00
		Total	0.00	2.73	3.54	8.32	8.85	12.10	14.73	15.64	8.13	22.38	3.59	100.00
4	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	0.00	0.01	0.29	0.71	2.31	6.08	15.26	24.85	14.49	32.52	3.48	100.00
		Female	0.00	0.06	0.62	1.02	1.60	4.72	13.19	23.56	14.85	37.86	2.52	100.00
		Total	0.00	0.03	0.42	0.84	2.03	5.54	14.44	24.34	14.63	34.63	3.10	100.00
5	MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0.00	0.00	0.00	2.17	7.22	9.75	11.91	27.08	11.55	22.02	8.30	100.00
		Female	0.00	0.00	0.00	3.16	2.11	6.32	2.11	35.79	21.05	27.37	2.11	100.00
		Total	0.00	0.00	0.00	2.42	5.91	8.87	9.41	29.30	13.98	23.39	6.72	100.00
6	DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	1.79	1.60	3.05	4.38	6.51	12.98	18.35	14.92	7.92	25.39	3.12	100.00
		Female	2.98	1.96	4.32	6.99	6.83	9.03	13.58	12.09	8.08	31.00	3.14	100.00
		Total	2.18	1.72	3.46	5.23	6.61	11.69	16.79	14.00	7.97	27.22	3.13	100.00
7	DISEASES OF THE EYE AND ADNEXA(H00-H59)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00
		Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	100.00

TABLE 6: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS												
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
8	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	100.00
		Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	100.00
9	DISEASES OF THE CIRCULATORY SYSTEM(I00-I99)	Male	0.00	0.02	0.04	1.58	4.22	8.56	17.15	22.35	13.39	30.06	2.63	100.00	
		Female	0.00	0.02	0.04	1.78	3.14	5.96	12.62	19.90	14.16	40.09	2.29	100.00	
		Total	0.00	0.02	0.04	1.65	3.83	7.62	15.51	21.46	13.67	33.70	2.50	100.00	
10	DISEASES OF THE RESPIRATORY SYSTEM(J00-J98)	Male	0.00	0.29	0.85	2.20	5.17	8.37	16.13	21.17	12.34	28.93	4.55	100.00	
		Female	0.00	0.49	1.52	3.62	5.19	7.30	13.57	21.10	11.49	32.17	3.55	100.00	
		Total	0.00	0.36	1.07	2.67	5.18	8.02	15.28	21.14	12.06	30.01	4.22	100.00	
11	DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)	Male	0.00	0.22	0.76	2.98	10.54	20.48	29.12	17.43	5.81	9.16	3.49	100.00	
		Female	0.00	0.84	1.75	8.38	7.82	10.82	23.04	15.71	7.05	21.86	2.72	100.00	
		Total	0.00	0.35	0.95	4.05	10.00	18.57	27.92	17.09	6.06	11.68	3.33	100.00	
12	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(L00-L98)	Male	0.00	0.00	1.08	0.36	2.51	9.32	20.79	22.94	10.39	24.01	8.60	100.00	
		Female	0.00	0.00	0.78	2.33	5.43	5.43	10.08	31.01	8.53	29.46	6.98	100.00	
		Total	0.00	0.00	0.98	0.98	3.43	8.09	17.40	25.49	9.80	25.74	8.09	100.00	
13	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)	Male	0.00	0.00	3.28	4.92	4.92	11.48	13.11	13.11	9.84	34.43	4.92	100.00	
		Female	0.00	0.00	1.75	7.02	14.04	10.53	1.75	15.79	10.53	35.09	3.51	100.00	
		Total	0.00	0.00	2.54	5.93	9.32	11.02	7.63	14.41	10.17	34.75	4.24	100.00	
14	DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)	Male	0.00	0.00	0.60	2.19	4.40	8.58	17.35	21.87	13.00	28.22	3.80	100.00	
		Female	0.00	0.04	1.22	3.00	4.93	7.74	16.33	20.67	12.89	30.26	2.93	100.00	
		Total	0.00	0.01	0.81	2.47	4.58	8.29	17.01	21.46	12.96	28.92	3.50	100.00	

TABLE 6: PERCENTAGE DISTRIBUTION OF MEDICALLY CERTIFIED DEATHS OVER AGE GROUPS BY SEX AND MAJOR CAUSE GROUPS BASED ON 10TH REVISION OF ICD DURING THE YEAR 2020

KARNATAKA

SL. NO	CAUSE OF DEATH	SEX	AGE GROUPS											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
15	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Female	0.00	0.00	0.00	39.53	46.25	10.28	3.95	0.00	0.00	0.00	0.00	100.00
		Total	0.00	0.00	0.00	39.53	46.25	10.28	3.95	0.00	0.00	0.00	0.00	100.00
16	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P96)	Male	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Female	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
17	CONGENITAL MALFORMATIONS, DEFORMATION S & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	61.72	17.98	20.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Female	65.56	17.22	17.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
		Total	63.34	17.66	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
18	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED	Male	0.00	0.61	0.55	1.45	2.92	4.63	9.19	10.73	5.81	54.77	9.35	100.00
		Female	0.00	0.57	0.35	1.62	2.10	4.06	8.57	3.50	5.86	66.17	7.21	100.00
		Total	0.00	0.59	0.46	1.52	2.57	4.39	8.92	7.67	5.83	59.60	8.44	100.00
19	INJURY, POISONING AND CERTAIN OTHER COSEQUENCES OF EXTERNAL CAUSES(S00-T98)	Male	0.19	0.89	2.00	12.35	21.09	18.39	17.88	13.37	5.12	8.16	0.59	100.00
		Female	0.96	1.88	4.16	15.12	16.54	13.39	14.05	12.68	5.94	14.81	0.46	100.00
		Total	0.40	1.16	2.59	13.10	19.85	17.03	16.84	13.18	5.34	9.96	0.55	100.00
20	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (V01-Y89)	Male	0.19	0.89	2.00	12.35	21.09	18.39	17.88	13.37	5.12	8.16	0.59	100.00
		Female	0.96	1.88	4.16	15.12	16.54	13.39	14.05	12.68	5.94	14.81	0.46	100.00
		Total	0.40	1.16	2.59	13.10	19.85	17.03	16.84	13.18	5.34	9.96	0.55	100.00
21	CODES FOR SPECIAL PURPOSES (U00-U49)	Male	0.11	0.05	0.11	0.67	2.61	7.61	15.87	24.67	14.92	29.78	3.61	100.00
		Female	0.07	0.17	0.14	1.18	2.34	6.55	15.38	26.01	15.00	29.77	3.38	100.00
		Total	0.10	0.08	0.12	0.81	2.54	7.32	15.73	25.03	14.95	29.78	3.55	100.00
	ALL CAUSES	MALE	5.08	0.47	0.90	2.40	5.31	9.56	16.51	19.89	11.35	25.39	3.13	100.00
		FEMALE	6.78	0.70	1.23	3.14	4.51	7.14	13.34	18.24	11.28	31.07	2.58	100.00
		TOTAL	5.67	0.55	1.02	2.66	5.03	8.71	15.40	19.31	11.33	27.39	2.94	100.00

Table - 7 : Percentage distribution of Medically Certified Deaths due to Tuberculosis, Diabetes Mellitus and Ischaemic Heart Diseases from 2010 to 2020

Year	Total MCCD Deaths due to									Total MCCD Deaths		
	Tuberculosis			Diabetes Mellitus			Ischaemic Heart Disease			Male	Female	Total
	Male	Female	Total	Male	Female	Total	Male	Female	Total			
2010	5.29	3.72	4.72	5.29	6.11	5.59	13.91	12.43	13.37	63.33	36.67	100.00
2011	5.24	3.72	4.69	5.12	6.20	5.51	12.77	11.47	12.30	63.72	36.28	100.00
2012	5.42	4.55	5.10	5.50	6.15	5.73	13.42	12.12	12.95	63.68	36.32	100.00
2013	5.22	3.44	4.57	4.07	5.23	4.49	11.66	10.56	11.26	63.54	36.46	100.00
2014	5.04	3.31	4.42	3.91	6.30	4.35	11.71	10.56	11.30	64.51	35.49	100.00
2015	4.87	3.14	4.25	4.11	5.43	4.58	11.66	10.76	11.34	64.17	35.83	100.00
2016	4.34	2.93	3.84	5.33	6.70	5.82	10.43	9.40	10.06	64.23	35.77	100.00
2017	4.17	2.85	3.70	5.40	6.29	5.72	10.88	10.29	10.67	64.16	35.84	100.00
2018	3.63	2.57	3.26	5.75	7.44	5.58	10.92	11.05	10.97	64.40	35.60	100.00
2019	3.27	2.29	2.94	6.28	7.37	6.67	10.28	9.48	10.00	64.35	35.65	100.00
2020	3.00	2.50	2.83	6.24	7.38	6.64	10.63	10.94	10.74	64.90	35.10	100.00

FORM NO. 4/4A (See Rule 7) MEDICAL CERTIFICATE OF CAUSE OF DEATH (Hospital in-patients/non-institutional deaths. Not to be used for still births) To be sent to Registrar along with Form No.2 (Death Report)				
Name of the Hospital.....				
I hereby certify that the person whose particulars are given below died in the hospital in Ward No.....on..... at.....A.M./P.M.				
Name of the Deceased				For use of Statistical Office
Sex	Age at Death			
	If 1 year or more,age in Years	If less than 1 year, age in Months	If less than one month, age in Days	If less than one day, age in Hours
1. Male				
2. Female				
CAUSE OF DEATH				Interval between on set & death approx
I				
Immediate Cause (a) State the disease, injury or Due to (or as a consequences of) complication which caused death, not the mode of dying such as heart failure, asthenia, etc.				
Antecedent Cause (b) Morbid conditions, if any, giving rise Due to (or as a consequences of) to the above Cause, stating underlying (c) conditions last				
II				
Other significant conditions contributing to the death but not related to the disease or conditions causing it				
Manner of death		How did the injury occur?		
1. Natural 2. Accident 3. Suicide 4.Homicide				
5. Pending investigation				
If deceased was a female, was pregnancy the death associated with? 1. Yes 2. No				
If yes, was there a delivery? 1.Yes 2.No.				
Name and signature of the Medical Attendant certifying the cause of death				
Date of verification.....				
SEE REVERSE FOR INSTRUCTION				
(To be detached and handed over to the relative of the deceased).				
Certified that Shri/Smt/Kum.....S/W/D/of Shri				
R/O.....was admitted to the hospital on and expired on				
Doctor.....				
(Medical Supdt				
Name of the hospital)				

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

MEDICAL CERTIFICATE OF CAUSE OF DEATH

Direction for completing the form No.4/4A

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MAJOR GROUPS AND THE DESCRIPTION OF ICD-10 CODES

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

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

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

NATIONAL LIST BASED ON ICD-10

Major Groups I to XIX :

1. Categories-58 (Group of three-character categories)
2. Sub-categories-177 (Group of $\frac{3}{4}$ - character categories and $\frac{3}{4}$ - character single category)

&

Major Groups I to XX : External Causes of Morbidity & Mortality

3. Categories-11 (Group of three – character categories)
4. Sub-categories-16 (Group of $\frac{3}{4}$ - character categories and $\frac{3}{4}$ - character single category)

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

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

* Not in use in India

