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GOVERNMENT OF KARNATAKA

**REPORT
ON
MEDICAL CERTIFICATION OF
CAUSE OF DEATH
2002**



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

PREFACE

Statistics play an important role in both decision making process and long term policy Programme. For the latter proper documentation, preservation and discrimination of information should be continuous and adequate. Mortality Statistics would serve both the purposes. The Scheme of Medical Certification of Cause of Death is a very reliable source of Mortality Statistics with a tool to determine the causes of death by qualified personnel with sufficient knowledge about ailment of the deceased. This scheme has been inter-woven into the Civil Registration System with a long term perspective plan of covering all the events of deaths as and when infrastructure facilities develop.

To begin with the scheme was restricted to teaching, district and specialized hospitals and subsequently extended to cities with a population of more than one lakh and bed strength of 20 & above in Karnataka further, the Registrar General of India has suggested the scheme be implemented in all the Government Hospitals and to all the private Hospitals, Nursing Home in urban areas of the state. In that connection the Government of Karnataka has been issued a notification [No.PDS 146/SMC 2002 dated:25.10.2000]. The data flowing from this report is the 22nd in series providing an analysis of the cause profile of mortality mostly in urban parts of the State.

Interest and response shown in the scheme by authorities of 457 hospitals was laudable. I extend my sincere gratitude to all those closely associated with this study. Their continued co-operation in this endeavor is keenly sought.

The Data was processed at the Computer Center of the Division dealing with Civil Registration, National Sample Survey and Local Bodies Statistics. This report has been brought by the staff working in the Medical Certification of Cause of Death section.

Suggestions for improvement are most welcome.

Bangalore,
Dated: 01-10-2004

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MEDICAL CERTIFICATION OF CAUSES OF DEATH-2002

Introduction

New types of killer diseases are raising their ugly heads and ringing warning bells. These are Cancer, Aids, Heart Diseases etc. It appears that progress made in the Medical research is facing stiff challenges from the spread of a variety of ailments. For tackling these issues, documentation of information on the causes of death is indispensable. Recognising this fact and in order to know the profile of different natural and man made causes of death and take of compilation in more meaningful way, the International Community of Medical Professionals under the aegis of World Health Organisation have codified the diseases classifying them under the penname, "International Classification of Diseases".

This International Classification of Diseases is altered & adopted to the Indian conditions under the scheme of **Medical Certification of Causes of Death**. Important demographic indicators like Infant Mortality Rate, Maternal Mortality Rate & Child Mortality Rate can be derived from this.

This report is based on the 10th revision of International Classification of Diseases. The prescribed Form (No 4 & 4A) has to be filled by the physician who examines/attends 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.

1.1. Provision in the Registration of Births & Deaths Act, 1969.

This Act contains a section regarding compulsory Medical Certification. Section 10(3) of the Act (given below) read with Rule (7) of the Karnataka Registration of Births & Deaths Rules, 1999 have made a provision for this. These together enable the State to obtain from the medical practitioner/physician who attended the deceased during his/her last illness, a certificate, free of cost, as to **the underlying & immediate causes of death**.

Section 10(3) of the RBD Act, 1969: **"Where the State Government as 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/her last illness, was attended by a medical practitioner, the medical practitioner shall, after the death of that person, forthwith issue without 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 & belief the cause of death; & the certificate shall be received & delivered by such person to the Registrar at the time of giving information concerning the death as required by this Act"**. The Act has also a clause incorporated for maintaining confidentiality of the information on cause of deaths, available in the registration records. With Karnataka Registration of Births and Deaths Rules, 1970 being replaced

by Karnataka Registration of Births and Deaths Rules, 1999, Form 8 & 8A has been replaced by Form 4 & 4A respectively.

As per section 10(2) of the RBD Act, 1969 the Government of Karnataka have issued a Notification, (No. PDS 146 SMC 2002 dated 25-10-2002) to bring all Government Hospitals, Private Hospitals and Nursing Homes in the State under the scheme of Medical Certification of Cause of death and as such :

- 1) **In case of death in a Government Hospital, Private Hospital, autonomous Medical Institution or a Private Nursing Home, it shall be the duty of the Medical Officer/ Medical Practitioner who attended the deceased during his/her last illness to certify the cause of death under Section 10(2) of the Registration of Births & Deaths Act, 1969, in Form No. 4 appended to this Notification.**
- 2) **In case of non-institutional deaths it shall be the duty of the Private Medical Practitioner who attended the deceased during his/her last illness to certify the cause of death under Section 10(2) of the Registration of Births & Deaths Act, 1969, in Form No. 4A appended to this Notification.**

1.2 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 sequence of events ultimately resulting in death". It is this underlying cause which is the key element, particularly, if a number of ailments had affected the deceased prior to his death. The form prescribed for certification has two parts, part-1, 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-2 for other significant morbid conditions, even, if they were not responsible for the death. The report of the inquesting authorities is given preference in case of unnatural deaths leading to medico-legal cases.

2. Objectives

The objectives of the scheme are:

- (i) To obtain mortality profile by causes, age & sex.
- (ii) To study external/unnatural causes.
- (iii) To study causes of infant & maternal mortality.

3. Coverage

For the first time, in 1967, the scheme was introduced in 44 hospitals. It was extended to 168 hospitals by 1990. 352 hospitals with a bed-strength of 20 or more in towns & cities with a lakh or more population (as per 1981 census) were covered in 1991. This expansion was taken up as per the recommendations of the workshop on statistics of cause of death held during 1986 at New Delhi. In

the next phase of coverage of the scheme as per suggestion of the Registrar General of India the scheme has been implemented in all the Government Hospitals and all Private Hospitals, Nursing Homes in urban areas of the state. In 2002, 457 hospitals were covered and 64022 medically certified deaths in urban area were brought under the scheme. The coverage of deaths is increased marginally over 2001 (an increase of 10.2 %). This amount to 48.1% of the total number of deaths registered in urban areas during the year. The coverage is confined only to institutional deaths. Though the sample is representative, generalisations are not recommended, since a large number of events remain outside the ambit of the survey.

4. Limitations of the Civil Registration System

The registration of deaths based on the returns received during 2002 was 83.9% of the expected number of deaths in the state. Moreover, adequate infrastructural facilities are not available in rural areas for implementing the scheme. Even among the deaths reported, causes are not always mentioned. In spite of these limitations, attempts have been made to fulfil the objectives.

Category wise, major composition of hospitals is given in the Table1 as below

TABLE 1: DISTRIBUTION OF HOSPITALS COVERED BY CATEGORY & BED-STRENGTH

Sl. No	BED-STRENGTH/ HOSPITAL TYPE	<25	25-50	51-100	101-200	201-300	301-400	401-500	>500	NOT STAT ED	TOT AL	PERCE NTAGE
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Accident	0	0	1	0	0	0	0	0	0	1	(0.2)
2	Autonomous	0	0	0	0	0	0	0	0	1	1	(0.2)
3	Cardiac	1	1	0	0	1	0	0	0	1	4	(0.9)
4	Epidemic	1	1	0	1	0	0	0	0	0	3	(0.7)
5	General	72	132	39	27	10	7	3	11	62	363	(79.4)
6	Leprosy	0	4	2	0	1	0	0	0	0	7	(1.5)
7	Maternity	14	11	4	2	3	1	0	1	2	38	(8.3)
8	Maternity & Paediatric	1	0	0	0	0	0	0	0	0	1	(0.2)
9	Neurology	1	0	0	0	0	1	0	1	0	3	(0.7)
10	Oncology	0	1	0	1	0	1	0	0	0	3	(0.7)
11	Ophthalmic	1	0	0	0	1	0	0	0	0	2	(0.4)
12	Paediatric	1	2	0	0	0	0	0	0	1	4	(0.9)
13	Special	2	0	0	0	0	0	0	0	1	3	(0.7)
14	Teaching	0	0	2	3	1	0	0	8	0	14	(3.1)
15	Tuberculosis	0	0	4	1	3	0	2	0	0	10	(2.2)
	Total	94	152	52	35	20	10	5	21	68	457	(100.0)

General hospitals-79.4%. Maternity homes and Paediatric centres 9.23%, Teaching hospitals 3.1% followed by Tuberculosis hospitals 2.2%.

Bed-strength wise, largest share of 65.21% was taken by hospitals with bed-strength <100. The next significant category was 101-200 with 7.7%. Hospitals with bed-strength more than 500 was the next with a share of 4.6%. This was followed by those with bed-strength between 201-

300 with a share of 4.4%. The least share were those with bed-strength between 401-500 (1.1%) preceded by those of 301-400 (2.2%).

5. Flow of data & processing. : The cause(s) of death certified by the doctors were sent in the prescribed Form (No 4) directly from the institutions on a monthly basis to this office. They were scrutinised & coded, as per the International Classification of Diseases, 10th Revision & Table-9 derived as per the national list prescribed/designed by the Registrar General, India. Data was processed at the in house computer centre of the CNL Division of the Directorate.

6. Findings.

TABLE -2 DISTRICTWISE AND SEXWISE DISTRIBUTION OF DEATHS.

Sl. No	District	No.of Hospitals	Male	Female	Total	% to Total Deaths
1	Bagalkote	12	221	162	383	0.60
2	Bangalore Urban	82	12397	7516	19913	31.10
3	Bangalore Rural	3	130	61	191	0.30
4	Belgaum	15	1899	971	2870	4.48
5	Bellary	21	1897	1143	3040	4.75
6	Bidar	5	489	304	793	1.24
7	Bijapur	15	787	400	1187	1.85
8	Chamarajanagara	4	305	154	459	0.72
9	Chikmagalur	8	431	275	706	1.10
10	Chitradurga	6	358	224	582	0.91
11	D.Kannada	49	3573	1834	5407	8.45
12	Davanagere	15	2112	1167	3279	5.12
13	Dharwad	51	3123	1882	5005	7.82
14	Gadag	11	582	378	960	1.50
15	Gulbarga	14	1072	769	1841	2.88
16	Hassan	4	542	259	801	1.25
17	Haveri	3	216	152	368	0.57
18	Kodagu	7	320	146	466	0.73
19	Kolar	12	1395	840	2235	3.49
20	Koppal	1	44	29	73	0.11
21	Mandya	10	770	347	1117	1.74
22	Mysore	29	3486	1808	5294	8.27
23	Raichur	7	469	334	803	1.25
24	Shimoga	18	794	495	1289	2.01
25	Tumkur	14	964	562	1526	2.38
26	Udupi	20	1737	774	2511	3.92
27	Uttara Kannada	21	465	225	690	1.08
	State Total	457	40578	23211	63789	99.64
	Other States	-	149	84	233	0.36
	Grand Total	457	40727	23295	64022	100.00

The district wise classification is based on the "Usual residence of the deceased and not on the basis of place of the deceased's last admission/treatment".

An attempt is made to analyse the data district wise. It may be observed from Table-2 that deaths in Bangalore (urban) district among 82 hospitals were the highest because of its size and infrastructural facilities available for medical care. Dharwad had the second highest number of hospitals. Less than five hundred deaths were occurred in the districts of Bangalore, Chamarajanagar, Haveri and Kodagu. Least number of deaths were from Koppal.

7. Main Findings.

7.1 Deaths by major cause groups: an analysis.

Table-3 shows deaths by major cause groups further classified by sex & the rank of each major cause, as per 10th revision of International Classification of Diseases.

TABLE-3 : DEATHS BY MAJOR CAUSE GROUPS

Sl. No	Group	Major Cause of Death With Code	Male	Female	Total	%	RANK
1	I	Certain Infectious and Parasitic Diseases (A00-B99)	5238	2649	7887	12.32	III
2	II	Neoplasms(C00-D48)	1711	1137	2848	4.45	IX
3	III	Diseases of Blood and Blood forming Organs and Certain Disorders involving Immune Mechanism (D50-D89)	531	605	1136	1.77	XII
4	IV	Endocrine, Nutritional and Metabolic Diseases & Immunity Disorder (E00-E89)	2315	1496	3811	5.95	VI
5	V	Mental and Behavioral Disorders (F01-F99)	314	35	349	0.55	XVI
6	VI	Diseases of the Nervous System (G00-G98)	1348	778	2126	3.32	X
7	VII	Diseases of the Eye and Adnexa (H00-H59)	2	3	5	0.01	XVIII
8	VIII	Diseases of the Ear and Mastoid Process (H60-H95)	1	0	1	0.00	XIX
9	IX	Diseases of the Circulatory System (I00-I99)	10807	5405	16212	25.32	I
10	X	Diseases of the Respiratory System (J00-J98)	2201	1144	3345	5.22	VIII
11	XI	Diseases of the Digestive System (K00-K92)	3094	913	4007	6.26	V
12	XII	Diseases of the Skin & Sub-cutaneous Tissue (L00-L98)	300	137	437	0.68	XV
13	XIII	Diseases of the Musculo Skeletal System & Connective Tissue (M00-M99)	58	69	127	0.20	XVII
14	XIV	Diseases of the Genito Urinary System (N00-N99)	1060	578	1638	2.56	XI
15	XV	Pregnancy,Childbirth and the Puerperium (O00-O99)	0	681	681	1.06	XIII
16	XVI	Certain Conditions Originating in the Perinatal Period (P00-P96)	3950	2699	6649	10.39	IV
17	XVII	Congenital Malformations,Deformations & Chromosomal abnormalities (Q00-Q99)	314	210	524	0.82	XIV
18	XVIII	Symptoms,Signs and abnormal Clinical and Laboratory Findings, Not elsewhere Classified (R00-R99)	2154	1362	3516	5.49	VII
19	XIX	Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)	5329	3394	8723	13.63	II
		Total	40727	23295	64022	100.00	

For a consistently long period of time, four major cause groups have been on the top of the killer list. They are (1) **“Diseases of the Circulatory system”** (2) **“Injury, poisoning and Certain other Consequences of External Causes”** (3) **“Certain Infectious and parasitic diseases”** and (4). **“Certain Conditions Originating in the Perinatal Period”** Of these, the group **“Diseases of the Circulatory system”** has been topping the list with 25.32%, an increase of 0.34% over 2001. It claimed 16212 deaths out of the total of 64022 deaths. Compared to 2001, it is increased by 1854 deaths. This is followed by **“Injury, poisoning and Certain other Consequences of External Causes”** with 8723(13.63%)deaths, **“Certain Infectious & parasitic diseases”** with 7887 (12.32%)deaths. Fourth in the order is **“Certain Conditions Originating in the Perinatal Period”**, a group affecting only the new born are those who are less than one year old has claimed 6649 deaths(10.39%). This reflects on the kind of nourishment the child, perhaps the mother gets in the prenatal period. The havoc caused can be imagined considering these four major causes were responsible for as many as 61.66% of the total deaths.

Relatively, other important groups in the descending order were (5), **“Diseases of the Digestive System”**(6.26%), (6) **“Endocrine, nutritional & metabolic diseases & Immunity disorder ”**(5.95%), (7)**“Symptoms, Signs and Abnormal Clinical and laboratory findings not elsewhere classified”**(5.49%), (8) **“Diseases of the Respiratory System”** (5.22%) (9) **“Neoplasms”**(4.45%), (10) **“Diseases of the Nervous system”**(3.32%), (11)**“Diseases of the Genito-urinary system”**(2.56%), (12) **“Diseases of the blood & blood forming organs and certain disorders involving the immune mechanism”**(1.77%), (13)**“Pregnancy, Childbirth & puerperium”**(1.06%), (14)**“Congenital Malformations, Deformations & Chromosomal Abnormalities”** (0.82%), (15)**“Diseases of the Skin & Subcutaneous Tissue”** (0.68%), (16) **“Mental & Behavioural disorders”** (0.55%), (17) **“Diseases of the Musculo skeletal system & connective tissue”** (0.20%), (18)**“ Diseases of the Eye and Adnexa”** (0.01%) and (19) **“Diseases of the Ear and Mastoid process”**

7.2Mortality by sex .

There were 40727 male deaths and 23295 female deaths. In almost all the major cause groups, male deaths outnumbered female deaths (except of course in pregnancy complications). Only in the case of **“Diseases of the blood & blood forming organs and certain disorders involving the immune mechanism”** and **“Diseases of the Musculo skeletal system & connective tissue”** female deaths were more than male deaths. Sex wise difference was very distinct in the group **“Mental & Behavioural Disorders”** (314 male deaths compared to 35 female deaths). Male deaths were more than one and a half times than female deaths in case of major groups **“Certain Infectious & parasitic diseases”**, **“Diseases of the Circulatory system”**, **“Diseases of the Nervous System”** and **“Diseases of respiratory system”**. It was more than three times in **“Diseases of the Digestive System”**.

7.3 Impact of different cause groups.

A brief profile of the major cause groups is undertaken to study their important component causes according to their rank in descending order.

7.3.1 Diseases of the Circulatory System (Group-IX) Rank 1

The fact that it was the top killer with a share of 25.32% of the total deaths shows the enormity of the cause. This has been the top killer for the past Ten years. Five causes of this group have been the major killers. (1) "Acute Myocardial Infarction" (3857),(2) "Cerebro vascular diseases" (3528), & "All Other Hypertensive Diseases" (2239). These have taken 59.4% of the deaths of this group. They are followed by "Other forms of Heart Diseases" (2035) and "All other Ischemic Heart diseases" (1928) with 12.6% & 11.9% respectively.

Worst affected were those who crossed 70+ years of age. People in the age group 55-64 were the next to be hit. It is sad that people in the relatively younger age group of 45-54 were also victimised taking the third rank in the group.

7.3.2. Injury, Poisoning and Certain Other Consequences External Causes (Group XIX) - Rank 2

13.6% of the total deaths occurred due to this. Unfortunately there is an increase of 86 deaths compared to the year 2001. Out of a total of 11 sub causes, three causes have taken 90.4% of the deaths. In the descending order, they are "Poisoning by Drugs & Biological Substances and Toxic effects of substances chiefly nonmedicinal as to source" "Burns and Corrosions", & "Other injuries of specified, unspecified and multiple body regions". Only in "Burns & Corrosions" the number of female deaths outnumbered the males (it was more than double-1937 females vis-à-vis 866 males). Worst affected were in the age-groups 25-34, 15-24 & 35-44. As many as 64.2% of the deaths were in this age group. It is pathetic that people in these early age-groups became victims to fatality through entirely man-made causes.

7.3.3 Certain Infectious & Parasitic Diseases(Group-I) Rank 3

It has maintained its third position. "Respiratory Tuberculosis" which is the top individual killer is a part of this group, 3032 deaths were due to this. Worst affected were the middle aged in the group 35-44(609 deaths). The other important sub groups are "Septicaemia"(894), "Diarrhoea & gastro enteritis of presumed Infectious Origin"(778), "Tuberculosis of Nervous System"(578), "Malaria"(421)," "Other Tetanus"(291) and under Viraldiseases "Human immunodeficiency Virus(HIV) Diseases"(420), "OtherViral Hepatitis"(268) & "Other Viral Encephalities"(213). Individually, these have been responsible for more than two hundred deaths.

Maximum hit were in the age group 35-44, 45-54 and 25-34. All put together accounted for 3620 deaths,(45.9%).

7.3.4. Certain Conditions originating in the perinatal period: (Group XVI) Rank 4

This is the fourth largest killer disease which had taken 6649 young lives, an increase of 622 more as compared to the year 2001. Like in the year 2001, “**Slow Fetal growth, Fetal malnutrition & Immaturity**” was the top killer (39%), followed by “**Hypoxia, Birth asphyxia & other Respiratory Conditions**”(33.8%). The residual category of “**All other Conditions originating in the perinatal period**” took 25.6% of the lives in the group. Of the total infant deaths, 98.4% can be attributed to this cause group. More male children died compared to females.

The magnitude of these causes can be driven home from the fact that just four out of the 19 categorised groups have been found to be responsible for 61.7% the total deaths.

7.3.5. “Diseases of the Digestive System”(Group-XI) Rank 5

This was the next major cause group. Sexwise more males fell a Prey to it. “**Diseases of the Liver**” was the top most killer with 2365 deaths, the next killer disease “**All Other Diseases of the other parts of Digestive System**”(531) “**Peritonitis**” with 431 deaths ranked third., “**Gastric and Duodenal Ulcer**” and “**Disorders of the Appendix**” took a toll of 329 and 98. More than 50% of the victims belong to age-groups, 45-54, 35-44 & 55-64. To a significant extent, age –groups 25-34 and 70+ also being vulnerable.

7.3.6 “Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders”(Group-IV) Rank 6

In this category the deaths are either due to malnutrition or under nutrition. Major sub-groups in this was “**Diabetes Mellitus**” took 83.5% of the deaths, (3184 out of a total of 3811), followed by “**All Other Endocrine and Metabolic Diseases**” which claimed 395 deaths and “**Other Protein Energy Malnutrition**” claimed 118 Deaths. An important finding emanating is that most of the effected were in the age-group 35 onwards.

7.3.7. “Symptoms, Signs and Abnormal Clinical & Laboratory findings, Not elsewhere Classified(XVIII) Rank 7

This is a set of diseases with vague causes. “**All other symptoms, signs and Abnormal Clinical & Laboratory findings, Not elsewhere Classified**” took a toll of 2423 (68.9%) out of the

total of 3516 deaths in the group. The next in the group was death due to **“Senility”(616)**. Worst affected were in the age group 70 & above and 55-64.

7.3.8 “Diseases of the Respiratory System”(Group-X) Rank8

This occupied the Eight rank with 3345 deaths. Important Causes under this were **Lower Respiratory Diseases** like **“Asthma”, “Other Lower Respiratory Disorders” & “Bronchitis, Chronic & Unspecified Emphysema”** with 1219deaths & under **Other Diseases of the Respiratory System** like **“ All Other Diseases of the Respiratory System” “Pneumonia” & “Pleurisy”** toll with 2000deaths. These six constituted 3219 Deaths with 96.23% of the deaths. In this group male out numbered females. Among the victims of this group worst affected were in the age group 70 & above, followed by those in the age group 55-64 & 45-54 respectively.

7.3.9. “Neoplasms”(Group-II) Rank 9

“Neoplasms” in medical terminology refer to tumours, both malignant and non-malignant.. There were 2848 deaths due to this and has taken the ninth rank. Of the different kinds of neoplasm, **“Malignant Neoplasm of Trachea, Bronchus and Lung”** with 286 deaths took the first place. This was followed by **“Leukaemia” (273)**, **“Malignant Neoplasm of Stomach”(267)**, deaths, **“Malignant Neoplasm of Oesophagus”** with 238 deaths & **“Malignant Neoplasm of liver and intra hepatic bile ducts”** with 179 deaths. These together have been responsible for 43.6% of the deaths. People in the age group 55-64 were the prime target followed by those in the age group 45-54 & 70 above. The three age groups put together accounted for 59.6% of the deaths.

7.3.10 “Diseases of the Nervous system ”(Group-VI) Rank 10

Four important sub causes have been occupied the prime place, viz., (1) **“All other diseases of the Nervous system (1020) ”**,(2) **“Meningitis” (681)** ,(3) **“Encephalitis” (215)** and (4) **“Epilepsy” (188)**. Of the total 2126 deaths, 2104 deaths were due to these Four. The first alone was responsible for 48% of the deaths. The Four put together took a toll of 99% deaths in the group. Worst affected were in the age group of 70+, this is followed by those in the age group below one year were the next greatest victims.

7.3.11. "Diseases of the Genito-urinary System"(Group-XIV) Rank 11

This group ranked eleventh in the series. **"Renal failure"** was the highest killer in this group with 1320 deaths, followed by **"Glomerular Diseases (including Nephritic Syndrome)"** with 129 deaths. Both accounted for 88.5%.

People in the age group 70+ were the worst affected victims followed by those in the age group 55-64 and 45-54.

7.3.12. "Diseases of the blood & blood forming organs and Certain Disorders involving the immune Mechanism" (Group 111) Rank 12

This took the twelfth place. Only in this group, female deaths exceeded that of males. **"Other Anaemia's"** was the only major sub group with 1049 out of a total of 1136 deaths forming 92.3% of the deaths. People in the age groups 15-24, 70+ were the most affected, followed by those in the age group 25-34 & 35-45.

While the first twelve major cause groups had a toll of more than thousand deaths each in their account, the following eight major cause groups accounted for less than thousand deaths each.

7.3.13. "Pregnancy, Childbirth and the Puerperium"(Group-XV) Rank 13

The number of deaths due to this cause was 681. **"Other Complications of Pregnancy and Delivery"** took the highest toll in this with (271), followed by **"Indirect Obstetric Deaths"** with (207) deaths. The other sub groups were **"Oedema, Proteinuria and Hypertensive Disorders in Pregnancy, Childbirth and the Puerperium"** and **"Other Pregnancies with Abortive Outcome"** with 113 & 42 deaths respectively.

It goes without saying that females in the reproductive age groups of 15-24 and 25-34 were the worst affected. It is an area for urgent remedial measures.

7.3.14. Congenital Malformations, Deformations & Chromosomal Abnormalities"(Group-XVII) Rank 14

Being in the fourteenth position, with 524 deaths. As the name itself indicates, these deaths occur due to some malformation in the congenital stage. **"Congenital malformations of the Circulatory System"** (336) & **"All other congenital malformations, deformations & chromosomal abnormalities, not elsewhere classified"** (180) were the two important cause groups. These two together accounted for about 98%. Children less than one year were the worst affected (336 out of a total of 524). Nearly 87% were under four years of age.

7.3.15. "Diseases of the skin & Subcutaneous tissue"(Group-XII) Rank 15

This was ranked fifteenth and there were 437 deaths due to this there are only two sub-groups of which dominant was “**Infections of the Skin and Subcutaneous tissue**” it took a toll of 63.8% of the deaths (279). Age wise groups 25-34 and onwards were suffered more.

7.3.16. “Mental and Behavioural Disorders”(Group-V) Rank 16

The ranking for this group was sixteenth, same as during the year 2001 and 349 deaths occurred due to this. Of these, “**Mental and behavioural disorders due to Psychoactive substance use**” was the single largest sub group with 305 deaths (87.4%). In this group as a whole male female ratio was disproportionate, 314 males as against 35 females. Worst hit were the people in the age group 45-54 (101 deaths), followed by 35-45 (81 deaths). These two together were responsible for about 52%.

7.3.17. “Diseases of the musculoskeletal system & connective tissue”(Group-XIII) Rank 17

127 deaths were due to this. “**All other diseases of the musculo skeletal system & connective tissue**” with 68 deaths was the important sub-group followed by “**Rheumatoid Arthritis and Other Inflammatory Polyarthropathies**” with 52 deaths. Most vulnerable were in the age group 70+ and 55-64.

7.3.18 “ Diseases of the Eye and Adnexa (Group VII) Rank 18

The Total no. of Deaths due to this cause was 5 out of which two were males and 3 were females.

7.3.19“ Diseases of the Ear and Mastoid Process” (Group VIII) Rank 19

The last among nineteen took a toll of 1 Death , out of which one was male only.

TABLE-4 THE PRINCIPAL INDIVIDUAL CAUSES

Sl. No	Name of the Disease with Code	Male	Female	Total	% to Total Deaths
1	ACUTE MYOCARDIAL INFARCTION(I21-I22)	2750	1107	3857	(6.0)
2	CEREBROVASCULAR DISEASES(I60-I69)	2358	1170	3528	(5.5)
3	POISONINGS BY DRUGS AND BIOLOGICAL SUBSTANCES,AND TOXIC EFFECTS OF SUBSTANCES CHEIFLY NONMEDICINAL AS TO SOURCE.	2259	961	3220	(5.0)
4	DIABETES MELLITUS(E10-E14)	1940	1244	3184	(5.0)
5	RESPIRATORY TUBERCULOSIS(A15-A16)	2174	858	3032	(4.7)
6	BURNS AND CORROSIONS(T20-T32)	866	1937	2803	(4.4)
7	SLOW FETAL GROWTH,FETAL MALNUTRITION AND IMMATURITY (P05-P07)	1495	1097	2592	(4.0)
8	ALL OTHER SYMPTOMS,SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS.NOT	1545	878	2423	(3.8)
9	DISEASES OF THE LIVER(K70-K76)	1869	496	2365	(3.7)
10	HYPOXIA,BIRTH ASPHYXIA AND OTHER RESPIRATORY CONDITIONS(P20-P28)	1326	921	2247	(3.5)
11	ALL OTHER HYPERTENSIVE DISEASES(I10,I12-I15)	1406	833	2239	(3.5)
12	OTHER FORMS OF HEART DISEASES(I30-I51)	1309	726	2035	(3.2)
13	ALL OTHER ISCHAEMIC HEART DISEASES(I20& I23-I25)	1295	628	1923	(3.0)
14	OTHER INJURIES OF SPECIFIED,UNSPECIFIED AND MULTIPLE BODY REGIONS(S00-S0	1557	306	1863	(2.9)
15	ALL OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P04,P08,P29	1061	643	1704	(2.7)
16	PULMONARY HEART DISEASES AND DISEASES OF PULMONARY CIRCULATION(I26-I28)	1245	457	1702	(2.7)
17	RENAL FAILURE(N17-N19)	872	448	1320	(2.1)
18	OTHER ANAEMIAS(D50-D55,D57-D64)	484	565	1049	(1.6)
19	ALL OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G25,G31,G35-G37,G43-G98)	673	347	1020	(1.6)
	Total	28484	15622	44106	(68.9)
	Total No. of Deaths in State	40727	23295	64022	(100.0)

8. The principal individual causes

Some of the individual causes have claimed such a large number of lives that a brief analysis of them is worth attempting. These, individual causes/cause groups which have taken a toll more than one thousand deaths have been named the "Principal Individual Causes". There are just 19 of them which together were responsible for 44106 deaths out of a total 64022 deaths or 68.9% of the deaths. Table 4 gives a picture of these principal causes along with their percentage shares and are ranked in the descending order. Most of the causes have repeatedly figured as the main killers with a slight change in the ranking. Of these nineteen, six relate to heart diseases, three each from injury, poisoning & infant deaths. The heart related diseases in the descending order are (1) "Acute Myocardial Infarction", (2) "Cerebrovascular Disease", (3) "All other Hypertensive Diseases" (4) "Other forms of heart diseases" (5) "All other Ischaemic Heart Diseases" and (6) "Pulmonary Heart diseases and Diseases of pulmonary circulation". The three causes under injury and poisoning are (1) "Poisoning by drugs and biological substances & Toxic effects of substances chiefly non medicinal as to source" (2) "Burns and Corrosions", & (3) "Other injuries of specified, unspecified and multiple body regions". Those killing the infants were (1) "Slow fetal growth, fetal malnutrition & immaturity", (2) "Hypoxia, birth asphyxia & other respiratory conditions" and (3) "All other conditions originating in the perinatal period. Except under "Burns & Corrosions" and Other Anaemias under all other causes, male deaths exceeded that of females. They were more than two times in case of 'Acute Myocardial Infarction', "Respiratory tuberculosis", "Cerebrovascular Diseases and "All other Ischaemic Heart Diseases". And it was more than three times in case of "Diseases of the Liver". The difference was very wide in the case of "Other injuries of specified, unspecified and multiple body regions" with 1557 of males against 306 of females. On the whole, the sex wise distribution of deaths under principal individual causes were 64.6% & 35.4% for males and females respectively. In case of 'Burns & Corrosions', female deaths were more than double the male deaths.

9. Analysis by age and sex

Analysis of mortality statistics can be completed only if its profile by sex and age is also examined. Eleven age wise groupings (as per the national list) have been made & deaths coded according to the age group. Table-5 depicts the break-up of these age groups, sex-wise.

TABLE 5 – DISTRIBUTION OF DEATHS BY AGE AND SEX

Sl. No.	Age Group (In Years)	Male			Female			Total		
		No.	(%)	Rank	No.	(%)	Rank	No.	(%)	Rank
1	2	3	4	5	6	7	8	9	10	11
1	Below 1 year	4657	(11.4)	V	3161	(13.6)	II	7818	(12.2)	IV
2	1-4	777	(1.9)	XI	639	(2.7)	XI	1416	(2.2)	XI
3	5-14	827	(2.0)	X	692	(3.0)	X	1519	(2.4)	X
4	15-24	2007	(4.9)	IX	2560	(11.0)	IV	4567	(7.1)	VII
5	25-34	3400	(8.3)	VI	2554	(11.0)	V	5954	(9.3)	VI
6	35-44	4689	(11.5)	IV	2006	(8.6)	VII	6695	(10.5)	V
7	45-54	6145	(15.1)	III	2341	(10.0)	VI	8486	(13.3)	III
8	55-64	6240	(15.3)	II	2657	(11.4)	III	8897	(13.9)	II
9	65-69	2855	(7.0)	VII	1533	(6.6)	VIII	4388	(6.9)	VIII
10	70 & above	6929	(17.0)	I	4135	(17.8)	I	11064	(17.3)	I
11	Age Not Stated	2201	(5.4)	VIII	1017	(4.4)	IX	3218	(5.0)	IX
	Total	40727	(100.0)		23295	(100.0)		64022	(100.0)	

In terms of age, the distribution of deaths is highly skewed. Among the males, those who had crossed 70 years ranked first followed by those in the age group 55-64 and 45-54 with 47.4% of male deaths. Infant deaths has taken fifth rank with 4657 deaths. 35-44 occupied the fourth place. Least vulnerable were those in the group 1-4.

Among the females also, 70+ had the largest share. Infant deaths occupied the second place. Third place was for those in the age group of 55-64. Fourth place was occupied by the prime age group of 15-24. This may be due to Pregnancy Complications & Burns. Least affected was the age group 1-4.

Upto the age group of 25-34, the percentage shares of different age groups were more in the case of females than in the case of males, whereas, the position changed completely the other way, commencing with the age group 35-44 onwards.

In the aggregate also, 70+ age group was the first to be hit. The next hit were in the age group 55-64 and 45-54. Infant deaths occupied the fourth place and as much as 12.2% of the deaths were that infants.

TABLE 6-LEADING CAUSES OF INFANT DEATHS

Sl. No.	Major Cause of Death With Code	Male	Female	Total	% to Total Infant Death
1	SLOW FETAL GROWTH,FETAL MALNUTRITION AND IMMATURITY (P05-P07)	1495	1097	2592	33.15
2	HYPOXIA, BIRTH ASPHYXIA AND OTHER RESPIRATORY CONDITIONS(P20-P28)	1326	921	2247	28.74
3	ALL OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P04,P08,P29-P5	1061	643	1704	21.80
4	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM(Q20-Q28)	130	80	210	2.69
5	MENINGITIS(G00 & G03)	130	72	202	2.58
6	DIARRHOEA AND GASTROENTERITIS OF PRESUMED INFECTIOUS ORIGIN(A09)	77	82	159	2.03
7	ALL OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES	76	43	119	1.52
8	OTHER PERINATAL JAUNDICE(P58-P59)	64	34	98	1.25
9	ALL OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G25,G31,G35-G37,G43-G98)	33	30	63	0.81
10	ACUTE BRONCHITIS AND ACUTE BRONCHIOLITIS(J20-J21)	36	20	56	0.72
	All other causes of infant deaths	229	139	368	4.71
	Total	4657	3161	7818	100.00

10. Leading causes of infant deaths.

The death of a child which has not survived its first birthday is defined 'Infant death'. This, along with 'Under-five mortality', are reckoned as indicators of development. An effort is made to find out the various causes responsible for these deaths. These are shown in Table-6 in the descending order. They accounted for 7818 deaths, a increase of 786 compared to the year 2001. Of these, just one cause "Slow Fetal Growth, Fetal Malnutrition & Immaturity," has taken a toll of as much as 33.2% followed by "Hypoxia, Birth Asphyxia & Other Respiratory Conditions", with 28.7% deaths, "All other conditions originating in the perinatal period" was the third with 21.8%. The three together have caused 83.7% of the infant deaths. Least harmful among them was "Acute Bronchitis and Acute Bronchiolitis" and "All other Diseases of the Nervous System" with 63 and 56 deaths to their account respectively.

TABLE 7- LEADING CAUSES OF MATERNAL DEATHS.

Sl. No	Major Cause of Death with code	No.of Deaths	% to Total Maternal deaths
1	OTHER COMPLICATIONS OF PREGNANCY AND DELIVERY(O20-022,O24-O63,O6	271	39.79
2	INDIRECT OBSTETRIC DEATHS(O98-O99)	207	30.40
3	OEDEMA,PROTEINURIA AND HYPERTENSIVE DISORDERS IN PREGNANCY,CHILD	113	16.59
4	OTHER PREGNANCIES WITH ABORTIVE OUTCOME(O00-O02 & O05-O08)	42	6.17
5	COMPLICATIONS PRE-DOMINANTLY RELATED TO THE PUERPERIUM(O85-O92)	40	5.87
6	OBSTRUCTED LABOUR(O64-O66)	7	1.03
7	Others	1	0.15
	Total maternal deaths	681	
	All Other Female Deaths	22614	
	Total Female deaths	23295	

11. Leading causes of Maternal deaths.

A few causes lead to deaths in the pre and post natal conditions of women. These are classified as maternal deaths. Compare to the previous year their number has increased to 496 to 681. They constituted 2.9 % of the total female deaths. Table -7 is a depiction of these causes (in a descending order). Of the causes listed, the most important was “Other Complications of Pregnancy and Delivery” with 39.8%, followed by “ Indirect Obstetric Deaths” with 30.4%. The deaths due to “Oedema, Proteinuria and Hypertensive disorders in pregnancy, child birth and the puerperium” was 113 (16.6%).. The number who died due to these three causes were more than hundred. Where as the other three causes it is less than 100.

Important findings:-

1. The scheme is in vogue in the State since 1967 and is aimed at drawing a profile of mortality by cause, age and sex on an annual basis. To start with, 44 hospitals were covered under the scheme and this was extended gradually to 457 hospitals.
2. The provision in the RBD Act 1969, read with the KRBD Rules 1999, have been largely responsible for the coverage. This also would help in 100% coverage of causes of death once the necessary infrastructure is established.
3. Year after year, "Diseases of the Circulatory System", has been the most fatal group. The first four of the major cause groups were responsible for 61.7% of the deaths. They are (1) Diseases of the Circulatory System (2) Injury, Poisoning and certain other consequences of external causes (3) Certain Infectious & Parasitic diseases (4) Certain conditions originating in the perinatal period.
4. Among the individual causes, "Burns and Corrosions" took the highest toll of females & "Acute Myocardial Infarction" of males.
5. Infant deaths have taken the fourth place among the deaths by age.
6. Age wise, the age group 70+ had the highest share among males, females and aggregate
7. In all major causes, number of male deaths exceeded that of females except in the case of "Diseases of blood & blood forming organs and certain disorders involving the immune mechanism".
8. Leading cause of Infant deaths was 'Slow fetal growth, fetal malnutrition & immaturity' & of Maternal Deaths "Other Complications of Pregnancy and Delivery".
9. The same cause groups have topped the killer list for several years and so have the individual causes with slight variation in the ranks in different years.

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TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

MG/C AT/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)	Male	21	65	69	154	402	562	493	390	145	230	149	2680
		Female	14	62	50	187	244	166	152	111	45	66	56	1153
		Total	35	127	119	341	646	728	645	501	190	296	205	3833
1	RESPIRATORY TUBERCULOSIS(A15-A16)	Male	11	20	14	112	301	474	434	345	129	202	129	2174
		Female	6	23	19	135	203	135	129	86	33	51	38	858
2	TUBERCULOSIS OF NERVOUS SYSTEM(A17)	Male	10	43	48	32	85	66	29	27	9	22	17	388
		Female	6	32	25	35	23	16	12	19	5	7	10	190
3	TUBERCULOSIS OF OTHER ORGANS AND MILIARY TUBERCULOSIS(A18-A19)	Male	0	2	7	10	16	22	30	15	7	6	3	118
		Female	2	7	6	17	18	15	11	6	7	8	8	105
3	OTHER BACTERIAL DISEASES(A20-A49)	Male	42	41	47	81	77	108	145	118	72	152	42	925
		Female	13	31	44	72	57	37	81	51	38	56	29	511
		Total	55	72	91	153	134	145	226	169	110	210	71	1436
1	PLAGUE(A20)													
2	LEPROSY(A30)	Male	0	0	0	0	1	1	1	1	2	5	0	11
		Female	0	0	0	0	1	1	0	2	0	0	0	4
3	NEONATAL TETANUS(A33)	Male	21	0	0	0	0	0	0	0	0	0	0	21
		Female	5	0	0	0	0	0	0	0	0	0	0	5
4	OTHER TETANUS(A34-A35)	Male	0	8	18	16	6	22	27	20	5	7	15	144
		Female	0	5	15	4	1	1	8	2	6	4	1	47
5	DIPHTHERIA(A36)	Male	7	4	0	0	0	0	0	0	0	0	0	11
		Female	4	3	0	0	0	0	0	0	0	0	0	2

No Deaths

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

MG/C AT/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	15			
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15			
		6 WHOOPING COUGH(A37)	Male	2	0	0	0	0	0	0	0	0	0	0	0	2		
			Female	1	0	0	0	0	0	0	0	0	0	0	0	1		
		7 MENINGOCOCCAL INFECTION(A39)	Male	11	15	9	12	6	6	8	5	2	2	3	79			
			Female	3	4	14	15	4	4	3	1	3	4	2	57			
		8 SEPTICAEIMIA(A40-A41)	Male	0	12	17	37	44	57	96	72	61	134	19	549			
			Female	0	17	13	47	42	26	65	43	25	49	18	345			
		9 ALL OTHER TYPES OF BACTERIAL DISEASES(A21-A28, A31-A32, A38, A42-A49)	Male	1	2	3	16	20	22	13	20	2	4	5	108			
			Female	0	2	2	6	9	5	5	3	4	1	6	43			
		4 INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION(A50-A64)	Male	0	0	0	0	0	1	0	0	0	0	0	1			
			Female	0	0	0	0	3	2	0	1	0	0	0	6			
			Total	0	0	0	0	3	3	0	1	0	0	0	7			
		1 SYPHILIS(A50-A53)	Male	0	0	0	0	0	0	0	0	0	0	0	0			
			Female	0	0	0	0	3	0	0	0	0	0	0	3			
		2 OTHER TYPES OF INFECTIONS WITH A PREDOMINANTLY SEXUAL MODE OF TRANSMISSION(A54-A64)	Male	0	0	0	0	0	1	0	0	0	0	0	1			
			Female	0	0	0	0	0	2	0	1	0	0	0	3			
		5 VIRAL DISEASES(A70-A74 & A80-B94)	Male	26	61	55	64	175	179	91	48	13	36	49	799			
			Female	17	56	53	57	76	52	35	21	5	11	13	396			
			Total	45	117	108	121	251	231	126	69	18	47	62	1195			
		1 ACUTE POLIOMYELITIS(A80)	Male	0	0	0	0	0	0	0	0	0	0	0	0			
			Female	0	0	0	0	0	0	0	0	0	0	0	0			
		2 RABIES(A82)	Male	1	2	9	11	12	6	12	6	3	3	9	74			
			Female	0	2	8	3	2	2	1	6	0	1	1	26			

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	JAPANESE ENCEPHALITIS(A83.0)	Male	0	0	0	0	0	0	0	0	2	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
4	OTHER VIRAL ENCEPHALITIS(A83.1-A83.9,A84-A86)	Male	7	33	22	12	8	6	4	5	2	3	6	108		
		Female	4	29	28	19	4	9	5	1	2	2	2	105		
5	DENGUE FEVER(A90)	Male	0	0	0	0	0	0	0	0	0	0	1	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
6	OTHER ARTHROPOD-BORNE VIRAL FEVERS AND VIRAL HAEMORRHAGIC FEVERS (A91-A94, A96-A99)	Male	2	2	8	6	4	5	3	0	0	5	2	37		
		Female	3	1	7	2	1	1	3	2	0	4	1	25		
7	SMALLPOX(B03)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
		Female	0	0	0	0	0	0	0	0	0	0	0	0		
8	MEASLES(B05)	Male	0	7	4	0	0	0	0	0	0	0	0	11		
		Female	0	6	1	0	0	0	0	0	0	0	0	8		
9	ACUTE HEPATITIS B(B16)	Male	0	0	1	1	2	1	1	1	0	0	0	7		
		Female	0	1	0	1	1	1	0	0	0	0	0	4		
10	OTHER VIRAL HEPATITIS(B15, B17-B19)	Male	0	7	4	23	24	27	32	21	4	18	8	168		
		Female	0	5	8	20	21	15	13	10	2	3	3	100		
11	HUMAN IMMUNODEFICIENCY VIRUS(HIV)DISEASE(B20-B24)	Male	0	0	0	9	123	121	36	11	4	6	21	331		
		Female	0	0	0	8	41	20	12	2	1	0	5	89		
12	ALL OTHER TYPES OF VIRAL DISEASES(A70-A74,A81,A87-A89, A95,B00-B02,B04,B06-B09 & E25-B34)	Male	18	10	7	2	2	13	3	2	0	0	3	60		
		Female	10	12	1	4	6	4	1	0	0	1	0	39		

TABLE 9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS															TOTAL
			3	AGE GROUPS														
				<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
6	PROTOZOAL DISEASES(B50-B64)	Male	0	6	20	34	27	48	53	24	5	15	21	231				
		Female	0	11	13	30	31	21	24	16	4	13	12	175				
		Total	0	17	33	64	58	69	77	40	9	28	33	428				
1	MALARIA(B50-B54)	Male	0	6	20	32	26	46	53	23	5	15	20	246				
		Female	0	11	13	30	31	21	24	16	4	13	12	175				
2	ALL OTHER TYPES OF PROTOZOAL DISEASES(B55-B64)	Male	0	0	0	2	1	2	0	1	0	0	1	7				
		Female	0	0	0	0	0	0	0	0	0	0	0	0				
7	OTHER CERTAIN INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS & PARASITIC DISEASES (A65-A69 & A75-A79, B95-B49, B65-B94 & B99)	Male	0	0	0	6	4	8	2	3	1	2	3	29				
		Female	0	1	1	1	0	5	7	3	2	1	1	22				
		Total	0	1	1	7	4	13	9	6	3	3	4	51				
1	FILARIASIS(B74)	Male	0	0	0	0	0	0	0	0	0	0	0	0				
		Female	0	0	0	1	0	0	0	0	2	0	0	3				
2	OTHER HELMINTHIASIS(B66-B73, B75, B77-B83)	Male	0	0	0	0	1	1	4	0	2	0	0	8				
		Female	0	0	0	0	0	0	0	3	1	0	0	1				
3	OTHER SPIROCHAETAL DISEASES AND RICKETTSIOSES (A65-A69 & A75-A79)	Male	0	0	0	0	0	0	0	0	0	0	0	0				
		Female	0	1	0	0	0	1	0	0	0	0	0	2				
4	ALL OTHER INFECTIOUS AND PARASITIC DISEASES & LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES (B35-B49, B65, B76, B85-B94 & B99)	Male	0	0	0	5	3	4	2	1	1	2	3	21				
		Female	0	0	0	1	0	4	4	2	0	1	0	12				
II	NEOPLASMS (C00-C49)	Male	5	21	28	45	78	159	334	400	209	322	110	1711				
		Female	9	13	20	41	59	164	242	223	132	176	58	1137				
		Total	14	34	48	86	137	323	576	623	341	498	168	2848				
8	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	3	6	7	43	32	15	29	7	142				
		Female	0	0	0	0	1	1	3	7	11	5	2	35				
		Total	0	0	0	3	7	8	46	43	26	34	9	177				

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL																									
			<1		1-4		5-14		15-24		25-34		35-44		45-54		55-64		65-69		70+		N.S.																		
			3	4	5	6	7	8	9	10	11	12	13	14	15		16	17	18	19	20	21	22	23	24																
1	1 MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (C00-C14)	Male	0	0	0	0	0	3	6	7	43	32	15	29	7	142	Female	0	0	0	0	0	1	3	7	11	5	6	2	35											
9	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS (C15-C26)	Male	0	0	0	0	5	23	72	139	161	90	136	44	670	Female	0	0	0	4	11	42	64	65	44	57	11	298	Total	0	0	0	9	34	114	203	226	134	193	55	968
1	MALIGNANT NEOPLASM OF OESOPHAGUS (C15)	Male	0	0	0	0	0	5	8	43	33	19	30	11	149	Female	0	0	0	0	1	10	21	19	18	16	4	89													
2	MALIGNANT NEOPLASM OF STOMACH (C16)	Male	0	0	0	0	3	9	28	41	54	30	18	16	199	Female	0	0	0	1	5	17	10	16	3	15	1	63													
3	MALIGNANT NEOPLASMS OF SMALL INTESTINE INCLUDING DUODENUM (C17)	Male	0	0	0	0	0	0	0	0	0	0	1	1	2	Female	0	0	0	0	0	0	0	0	0	0	0	1													
4	MALIGNANT NEOPLASM OF COLON (C18)	Male	0	0	0	0	0	0	6	6	12	8	14	2	48	Female	0	0	0	2	1	4	8	5	4	6	1	31													
5	MALIGNANT NEOPLASMS OF RECTOSIGMOID JUNCTION, RECTUM, ANUS AND ANAL CANAL (C19-C21)	Male	0	0	0	0	0	0	9	6	6	4	13	1	39	Female	0	0	0	0	1	2	4	7	2	2	0	18													
6	MALIGNANT NEOPLASMS OF LIVER AND INTRAHEPATIC BILE DUCTS (C22)	Male	0	0	0	0	2	4	14	29	32	19	34	8	142	Female	0	0	0	1	1	4	5	6	10	8	2	37													
7	MALIGNANT NEOPLASM OF PANCREAS (C25)	Male	0	0	0	0	0	5	6	13	18	5	17	4	68	Female	0	0	0	0	0	3	8	9	3	4	3	30													
8	OTHER MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS (C23-C24, C26)	Male	0	0	0	0	0	0	1	1	6	4	9	2	23	Female	0	0	0	0	0	2	2	4	4	6	0	24													

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/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+	14	15			
1	1 MALIGNANT NEOPLASMS OF RESPIRATORY & INTRATHORACIC ORGANS (C30-C39)	3	4	5	6	7	8	9	10	11	12	13	14	15			
	1 MALIGNANT NEOPLASM OF LARYNX (C32)	Male	0	0	0	1	2	20	44	83	60	54	25	289			
		Female	0	0	0	2	4	5	15	31	14	14	7	92			
		Total	0	0	0	3	6	25	59	114	74	68	32	381			
	2 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG (C33-C34)	Male	0	0	0	1	0	1	1	12	20	13	4	65			
		Female	0	0	0	1	3	0	2	3	2	2	0	13			
	3 OTHER MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS (C30-C31, C37-C39)	Male	0	0	0	1	0	19	32	62	46	40	19	219			
		Female	0	0	0	1	1	5	10	21	10	14	5	67			
	11 MALIGNANT NEOPLASMS OF BONE, MESOTHELIAL AND SOFT TISSUE, SKIN AND BREAST (C40-C50)	Male	0	0	0	1	2	0	2	6	3	4	1	19			
		Female	0	0	0	3	6	32	60	28	19	27	7	182			
		Total	0	0	0	4	8	32	62	34	22	31	8	201			
	1 MALIGNANT NEOPLASMS OF BONE AND ARTICULAR CARTILAGE (C40-C41)	Male	0	0	0	0	0	0	2	1	2	0	0	5			
		Female	0	0	0	0	1	0	7	2	1	4	0	15			
	2 MALIGNANT MELANOMA OF SKIN (C43)	Male	0	0	0	0	0	0	0	1	1	0	0	2			
		Female	0	0	0	0	0	0	0	0	0	0	0	0			
	3 OTHER MALIGNANT NEOPLASM OF SKIN (C44)	Male	0	0	0	0	0	0	0	0	1	0	0	1			
		Female	0	0	0	0	0	0	0	0	0	0	0	0			
	4 MALIGNANT NEOPLASMS OF MESOTHELIAL AND SOFT TISSUE (C45-C49)	Male	0	0	0	1	2	0	0	3	0	4	1	11			
		Female	0	0	0	3	0	2	1	0	0	2	0	8			
	5 MALIGNANT NEOPLASM OF BREAST (C50)	Male	0	0	0	0	5	30	52	26	18	20	7	158			

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/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	14		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
12	MALIGNANT NEOPLASMS OF GENITOURINARY ORGANS (C51-C68)	Male	0	0	0	0	3	4	16	17	14	35	5	94		
		Female	0	0	0	1	14	47	36	51	31	36	20	236		
		Total	0	0	0	1	17	51	52	68	45	71	25	330		
		Female	0	0	0	0	11	32	19	27	11	12	14	126		
1	MALIGNANT NEOPLASM OF CERVIX UTERI (C53)	Female	0	0	0	0	1	4	1	3	8	11	0	28		
2	MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED PARTS OF UTERUS (C54-C55)	Female	0	0	0	0	0	8	10	17	7	7	6	55		
3	MALIGNANT NEOPLASM OF OVARY (C56)	Female	0	0	0	0	0	0	0	0	0	0	0	0		
4	MALIGNANT NEOPLASMS OF PLACENTA (C58)	Female	0	0	0	0	0	0	0	0	0	0	0	0		
5	OTHER MALIGNANT NEOPLASM OF FEMALE GENITAL ORGANS (C51-C52,C57)	Female	0	0	0	1	2	0	2	1	4	0	0	10		
6	MALIGNANT NEOPLASM OF PROSTATE (C61)	Male	0	0	0	0	1	0	3	7	5	25	2	43		
7	OTHER MALIGNANT NEOPLASM OF MALE GENITAL ORGANS (C60,C62-C63)	Male	0	0	0	0	2	4	1	1	1	2	2	13		
8	MALIGNANT NEOPLASM OF BLADDER (C67)	Male	0	0	0	0	0	0	4	5	8	8	1	26		
9	OTHER MALIGNANT NEOPLASM OF URINARY TRACT (C64-C66,C68)	Male	0	0	0	0	0	1	2	2	0	4	0	9		
13	MALIGNANT NEOPLASMS OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM (C69-C72)	Male	0	2	3	7	8	11	23	22	6	13	9	104		
		Female	0	5	7	5	0	7	17	7	5	6	2	61		
		Total	0	7	10	12	8	18	40	29	11	19	11	165		
		Female	0	0	0	1	0	0	0	0	0	0	1	0	2	
1	MALIGNANT NEOPLASMS OF EYE & ADNEXA (C69)	Male	0	0	0	0	0	0	0	0	0	0	0	0		
Female	0	0	0	0	0	0	0	0	0	0	0	0	0			

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

ICD-10 CODE	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL			
			<1	1-4	5	6	7	8	9	10	11	12	13	14	15				
1	CARCINOMA IN SITU(D00-D09)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	BENIGN NEOPLASMS(D10-D36)	Male	0	0	0	0	1	0	0	3	0	1	1	0	0	0	0	6	
		Female	0	0	0	0	1	2	2	2	0	0	0	0	0	0	0	1	8
1	LEIOMYOMA OF UTERUS(D25)	Male	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	6
		Female	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
18	OTHER AND UNSPECIFIED NEOPLASMS(D37-D48)	Male	0	1	3	1	1	1	1	1	5	0	0	2	0	0	2	0	14
		Female	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
19	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D50-D89)	Male	11	34	35	58	53	69	60	65	36	86	24	531					
		Female	5	26	27	112	101	85	78	52	17	72	30	805					
20	DISEASES OF THE BLOOD & BLOOD FORMING ORGANS AND CERTAIN DISORDERS INVOLVING IMMUNE MECHANISMS(D90-D99)	Male	11	34	35	58	53	69	60	65	36	86	24	531					
		Female	5	26	27	112	101	85	78	52	17	72	30	805					
21	THALASSAEMIA(D56)	Male	0	0	0	2	0	0	0	0	0	5	0	9					
		Female	1	1	0	0	0	0	0	1	0	0	0	3					

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL													
			3		4		5		6		7		8		9		10		11		12		13		14		15		
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	NS	14	15														
1	2 OTHER ANAEMIAS(D50-D55,D57-D64)	Male	9	32	34	50	48	65	51	59	35	78	23	484															
		Female	4	22	25	104	94	78	74	51	14	71	28	565															
2	3 ALL OTHER DISEASES OF BLOOD & BLOOD FORMING ORGANS (D65-D77)	Male	2	2	1	6	4	4	4	6	1	3	1	34															
		Female	0	3	2	6	6	3	3	1	3	1	0	28															
3	4 CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM (D80-D89)	Male	0	0	0	0	1	0	3	0	0	0	0	4															
		Female	0	0	0	2	1	4	0	0	0	0	0	9															
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES(E00-E89)	Male	13	45	18	42	59	154	414	566	235	661	108	2315															
		Female	9	53	28	33	35	91	174	337	207	448	81	1496															
		Total	22	98	46	75	94	245	588	903	442	1109	189	3811															
		Male	10	35	3	2	1	1	7	7	4	6	7	83															
20	MALNUTRITION(E40-E46)	Female	5	38	8	2	3	3	2	4	2	4	4	75															
		Total	15	73	11	4	4	4	9	11	6	10	11	158															
		Male	1	3	0	1	0	0	0	0	0	0	0	5															
		Female	1	7	1	1	1	0	0	0	0	0	0	12															
1	KWASHIORKOR(E40)	Male	9	5	0	0	0	0	0	1	0	0	1	16															
		Female	4	0	0	0	1	0	1	0	0	1	0	7															
		Male	0	27	3	1	1	1	7	6	4	6	6	62															
		Female	0	31	7	1	1	3	1	4	2	3	3	56															
2	NUTRITIONAL MARASMUS(E41)	Male	3	10	15	40	58	153	407	559	231	655	101	2232															
		Female	4	15	20	31	32	88	172	333	205	444	77	1421															
		Total	7	25	35	71	90	241	579	892	436	1099	178	3653															
		Male	0	0	2	1	3	1	7	4	1	8	2	29															
21	ENDOCRINE, OTHER NUTRITIONAL AND METABOLIC DISEASES (E90-E94 & E95-E99)	Female	0	0	1	2	2	8	1	5	5	3	3	36															
		Male	0	0	2	1	3	1	7	4	1	8	2	29															
		Female	0	0	1	2	2	8	1	5	5	3	3	36															
		Male	0	0	1	1	3	1	7	4	1	8	2	29															
1	DISORDERS OF THYROID GLAND(E00-E07)	Male	0	0	2	1	3	1	7	4	1	8	2	29															
		Female	0	0	1	2	2	8	1	5	5	3	3	36															
		Male	0	0	2	1	3	1	7	4	1	8	2	29															
		Female	0	0	1	2	2	8	1	5	5	3	3	36															

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL		
			1	2	3	4	5	6	7	8	9	10	11	12	13		14	15
	2 DIABETES MELLITUS(E10-E14)	Male	0	2	3	28	25	122	352	513	214	602	79	1940				
		Female	0	7	8	24	20	67	144	303	196	405	70	1244				
	3 ALL OTHER NUTRITIONAL DEFICIENCIES(E50-E64)	Male	1	0	1	0	1	1	1	2	0	1	0	8				
		Female	0	0	0	0	0	0	0	0	0	0	0	1				
	4 ALL OTHER ENDOCRINE AND METABOLIC DISEASES(E15-E34 & E85-E89)	Male	2	8	9	11	29	29	47	40	16	44	20	255				
		Female	4	6	11	5	10	13	23	25	6	31	6	140				
	V MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	2	45	72	97	57	15	12	14	314				
		Female	0	0	0	3	3	9	4	3	2	10	1	35				
		Total	0	0	0	5	48	81	101	60	17	22	15	349				
	22 MENTAL AND BEHAVIOURAL DISORDERS(F01-F99)	Male	0	0	0	2	45	72	97	57	15	12	14	314				
		Female	0	0	0	3	3	9	4	3	2	10	1	35				
		Total	0	0	0	5	48	81	101	60	17	22	15	349				
	I MENTAL AND BEHAVIOURAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCE USE (F10-F19)	Male	0	0	0	0	42	71	90	51	15	4	12	285				
		Female	0	0	0	3	3	5	4	1	2	1	1	20				
	2 SCHIZOPHRENIA, SCHIZOTYPAL & DELUSIONAL DISORDERS (F20-F29)	Male	0	0	0	0	1	0	5	1	0	2	1	10				
		Female	0	0	0	0	0	0	0	0	0	2	0	2				
	3 ALL OTHER MENTAL AND BEHAVIOURAL DISORDERS (F01-F09,F30-F99)	Male	0	0	0	2	2	1	2	5	0	6	1	19				
		Female	0	0	0	0	0	4	0	2	0	7	0	13				
	VI DISEASES OF THE NERVOUS SYSTEM(G00-G98)	Male	178	105	129	95	119	146	134	122	61	137	62	1348				
		Female	109	89	85	74	65	78	59	48	41	108	22	778				
		Total	287	194	214	169	184	224	193	170	102	305	84	2126				

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

Mg/C AT/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.	TOTAL	
				4	5	6	7	8	9	10	11	12	13	14		15								
1																								
23	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM(G00-G09)																							
	1 MENINGITIS(G00 & G03)	Male	145	74	75	49	50	68	32	21	5	11	19	549										
		Female	79	58	50	42	35	38	15	16	13	9	6	361										
		Total	224	132	125	91	85	106	47	37	18	20	25	910										
	2 ENCEPHALITIS MYELITIS AND ENCEPHALOMYELITIS(G04)	Male	130	41	36	38	42	55	29	15	5	9	14	414										
		Female	72	41	27	23	28	32	11	10	13	5	5	267										
	3 OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM(G06-G08-G09)	Male	15	33	37	11	7	11	1	6	0	2	5	128										
		Female	7	17	19	19	7	4	4	6	0	3	1	87										
24	OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G98)																							
	1 ALZHEIMER'S DISEASE(G30)	Male	0	0	0	0	0	0	0	0	0	0	0	3										
		Female	0	0	0	0	0	0	0	0	0	0	0	5										
	2 EPILEPSY(G40-G41)	Male	0	0	23	10	15	21	8	14	5	18	9	123										
		Female	0	0	11	12	9	11	8	5	5	2	2	65										
	3 ALL OTHER DISEASES OF THE NERVOUS SYSTEM(G10-G2E-G31, G35-G37-G43-G98)	Male	33	31	31	36	54	57	94	87	51	165	34	673										
		Female	30	31	24	20	21	29	36	27	23	92	14	347										
VII	DISEASES OF THE EYE AND ADNEKX(AH00-A59)																							
		Male	0	0	0	0	0	0	0	0	0	0	1	2										
		Female	0	0	0	0	0	0	0	0	0	0	0	3										
		Total	0	0	0	0	0	0	0	0	0	0	0	5										

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			AGE GROUPS													
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S	15		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
25	DISEASES OF THE EYE AND ADNEXA(H00-H99)	I DISEASES OF THE EYE AND ADNEXA(H00-H99)	Male	0	0	0	0	0	1	0	0	0	0	0	0	1
			Female	0	0	0	0	0	1	0	0	0	0	0	2	0
			Total	0	0	0	0	0	2	0	0	0	0	0	2	1
		Male	0	0	0	0	0	1	0	0	0	0	0	0	0	1
		Female	0	0	0	0	0	0	1	0	0	0	0	0	2	0
		Male	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Male	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Male	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		26	DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	I DISEASES OF THE EAR AND MASTOID PROCESS(H60-H95)	Male	0	0	0	0	0	0	0	0	0	0	0
Female	0				0	0	0	0	0	0	0	0	0	0	0	0
Total	0				0	0	0	0	0	0	0	0	0	0	0	1
Male	0			0	0	0	0	0	0	0	0	0	0	0	0	1
Female	0			0	0	0	0	0	0	0	0	0	0	0	0	0
Male	0			0	0	0	0	0	0	0	0	0	0	0	0	1
Female	0			0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0			0	0	0	0	0	0	0	0	0	0	0	0	1
Male	0			0	0	0	0	0	0	0	0	0	0	0	0	1
Female	0			0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0			0	0	0	0	0	0	0	0	0	0	0	0	1
Male	0			0	0	0	0	0	0	0	0	0	0	0	0	1
Female	0			0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0			0	0	0	0	0	0	0	0	0	0	0	0	1
IX	DISEASES OF THE CIRCULATORY SYSTEM(I00-199)			I ACUTE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASES(I00-I09)	Male	5	11	26	118	361	908	1807	2434	1297	3240	600
		Female	2		9	26	146	259	357	761	1087	623	1911	224	5405	
		Total	7		20	52	284	620	1265	2568	3521	1920	5151	824	16212	
		Male	5	11	26	51	22	29	44	23	2	10	8	261		
		Female	2	9	26	59	62	55	58	30	9	14	7	331		
		Total	7	20	52	110	84	84	102	53	11	24	15	592		
		Male	3	8	0	5	0	1	0	0	0	0	1	0	18	
		Female	0	3	1	12	0	0	0	0	0	0	0	0	16	
		Male	2	3	26	46	22	28	44	23	2	9	8	213		
		Female	2	6	25	47	62	55	58	30	9	14	7	515		
		Male	2	6	25	47	62	55	58	30	9	14	7	515		
		Female	2	6	25	47	62	55	58	30	9	14	7	515		
		Male	2	6	25	47	62	55	58	30	9	14	7	515		
		Female	2	6	25	47	62	55	58	30	9	14	7	515		
		Total	2	6	25	47	62	55	58	30	9	14	7	515		
Male	2	6	25	47	62	55	58	30	9	14	7	515				
Female	2	6	25	47	62	55	58	30	9	14	7	515				
Total	2	6	25	47	62	55	58	30	9	14	7	515				

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

Mg/C AT/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	14	15	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
28	HYPERTENSIVE DISEASES (I10-I15)	Male	0	0	0	0	30	98	286	305	179	449	59	1406		
			Female	0	0	0	16	44	119	166	110	344	34	833		
		Total	0	0	0	46	142	405	471	289	793	93	2239			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
		1	HYPERTENSIVE HEART DISEASES(I11)	Male	0	0	0	0	0	0	0	0	0	0	0	0
				Female	0	0	0	0	0	0	0	0	0	0	0	0
		2	ALL OTHER HYPERTENSIVE DISEASES(I10,I12-I15)	Male	0	0	0	0	30	98	286	305	179	449	59	1406
				Female	0	0	0	0	16	44	119	166	110	344	34	833
		29	ISCHEMIC HEART DISEASES(I20-I25)	Male	0	0	0	0	115	310	695	927	517	1243	238	4045
					Female	0	0	0	26	75	203	385	238	727	81	1735
Total	0			0	0	141	385	898	1312	755	1970	319	5780			
	1			2	3	4	5	6	7	8	9	10	11	12	13	14
1	ACUTE MYOCARDIAL INFARCTION(I21-I22)			Male	0	0	0	0	98	257	528	613	349	734	171	2750
				Female	0	0	0	0	17	48	140	243	157	449	53	1107
2	ALL OTHER ISCHAEMIC HEART DISEASES(I20& I23-I25)			Male	0	0	0	0	17	53	167	314	168	509	67	1295
				Female	0	0	0	0	9	27	63	142	81	278	28	625
30	DISEASES OF PULMONARY CIRCULATION AND OTHER FORMS OF HEART DISEASES(I26-I51)			Male	0	0	0	30	78	207	352	584	309	835	159	2554
					Female	0	0	0	26	67	82	179	239	132	404	54
		Total	0	0	0	56	145	289	531	823	441	1239	213	3737		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
		1	PULMONARY HEART DISEASES AND DISEASES OF PULMONARY CIRCULATION(I26-I28)	Male	0	0	0	0	13	72	161	290	183	455	71	1245
				Female	0	0	0	0	17	29	84	104	51	150	22	457
		2	OTHER FORMS OF HEART DISEASES(I30-I51)	Male	0	0	0	30	65	135	191	294	126	380	88	1309
				Female	0	0	0	26	50	53	95	135	81	254	32	726

TABLE-8: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/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+	
			3	4	5	6	7	8	9	10	11	12	13	14	15									
33	DISEASES OF THE UPPER RESPIRATORY TRACT (J00-J06 & J30-J39)	Male	3	3	3	0	4	4	4	1	3	2	0	0	0	0	0	0	1	21				
			Female	0	3	0	2	2	0	1	0	0	0	0	0	0	0	0	0	0	6			
		Total	3	6	3	2	6	4	5	4	4	2	2	0	0	0	0	0	1	27				
		1	ACUTE PHARYNGITIS AND ACUTE TONSILLITIS(J02-J03)	Male	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2			
				Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Total	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2		
				Male	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4		
				Female	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
				Total	3	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	7		
		2	ACUTE LARYNGITIS AND TRACHEITIS(J04)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
				Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3	OTHER ACUTE UPPER RESPIRATORY INFECTIONS(J00-J01 & J05-J09)	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
4	ALL OTHER DISEASES OF UPPER RESPIRATORY TRACT(J30-J39)	Male	0	2	0	0	4	4	1	2	1	0	0	0	0	0	0	1	15					
		Female	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3					
		Total	0	2	0	0	6	4	2	2	1	0	0	0	0	0	0	0	18					
		Male	63	25	8	11	30	57	115	179	75	237	51	841										
		Female	30	7	5	10	25	43	48	70	51	169	15	473										
		Total	93	32	13	21	55	100	163	249	126	406	66	1314										
34	LOWER RESPIRATORY DISEASES(J20-J22 & J40-J47)	Male	36	11	2	0	0	0	1	2	0	1	6	63										
			Female	20	2	0	1	1	0	0	2	0	6	32										
		Total	56	13	2	1	1	0	1	2	0	12	95											
		2	BRONCHITIS, CHRONIC AND UNSPECIFIED EMPHYSEMA(J40-J43)	Male	0	0	0	1	5	5	12	10	7	30	77									
				Female	0	0	0	0	2	5	4	8	7	10	38									
		Total	0	0	0	1	7	9	16	18	14	17	40	115										
3	ASTHMA(J45-J46)	Male	5	7	4	3	19	42	93	159	57	173	34	596										
		Female	2	3	4	8	18	29	38	51	40	131	9	333										
Total	7	10	8	11	37	71	131	244	210	97	204	43	929											
4	OTHER LOWER RESPIRATORY DISORDERS(J22, J44 & J47)	Male	12	7	2	7	6	9	8	10	10	28	6	105										
		Female	8	2	1	1	4	9	6	9	4	22	4	70										

TABLE 9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

M/G/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL	
			SEX		AGE GROUPS												
			<1	4	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S	14		15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
35 OTHER DISEASES OF THE RESPIRATORY SYSTEM (J10-J18,J60-J99)																	
1 INFLUENZA(J10-J11)			Male	0	0	0	0	1	1	0	0	1	0	0	0	0	4
Female			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PNEUMONIA(J12-J18)			Male	0	43	16	18	34	74	58	86	34	84	37	484		
Female			0	46	10	27	19	31	29	20	19	60	21	282			
3 PLEURISY(J90)			Male	2	2	3	7	29	20	32	26	18	27	5	171		
Female			3	2	1	9	15	8	14	8	9	17	3	89			
4 ALL OTHER DISEASES OF THE RESPIRATORY SYSTEM(U60-J86, J92-J98)			Male	3	13	17	36	54	86	142	104	40	142	43	680		
Female			1	7	8	41	40	30	32	36	38	50	11	294			
XI DISEASES OF THE DIGESTIVE SYSTEM(K00-K92)																	
Male			8	39	44	91	294	554	830	581	169	289	185	3094			
Female			2	28	33	82	113	161	150	130	48	119	47	913			
Total			10	67	77	173	407	715	980	711	217	418	232	4007			
36 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWSK(K00-K14)																	
Male			0	0	0	0	0	0	5	3	2	2	0	12			
Female			0	1	0	1	0	1	1	1	1	0	1	0	6		
Total			0	1	0	1	0	1	6	4	2	3	0	18			
1 DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS (K00-K14)			Male	0	0	0	0	0	0	5	3	2	2	0	12		
Female			0	1	0	1	0	1	1	1	1	0	1	0	6		
37 DISEASES OF THE OTHER PARTS OF DIGESTIVE SYSTEM (K20-K92)																	
Male			8	39	44	91	294	554	825	578	167	297	185	3082			
Female			2	27	33	81	113	160	149	129	48	118	47	907			
Total			10	66	77	172	407	714	974	707	215	415	232	3989			

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

Mg/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL								
			<1		1-4		5-14		15-24		25-34		35-44		45-54		55-64		65-69		70+		N.S.	
			4	5	6	7	8	9	10	11	12	13	14	15										
1	1 GASTRIC AND DUODENAL ULCER(K25-K27)	Male	0	1	2	8	21	44	49	49	20	52	16	262										
		Female	0	0	1	9	4	7	9	11	6	12	8	67										
2	2 GASTRITIS AND DUODENITIS (K29)	Male	0	0	0	2	1	6	8	5	6	7	2	37										
		Female	0	0	0	1	0	3	3	2	0	3	1	13										
3	3 DISEASES OF APPENDIX(K35-K38)	Male	0	0	1	1	1	5	13	18	12	3	7	60										
		Female	0	1	2	3	1	12	4	3	1	9	2	38										
4	4 HERNIA(K40-K46)	Male	0	2	0	0	0	0	4	6	11	1	3	1	28									
		Female	0	0	0	0	0	0	0	1	4	0	4	9										
5	5 PARALYTIC ILEUS AND INTESTINAL OBSTRUCTION WITHOUT HERNIA(K56)	Male	0	1	0	0	0	1	2	7	1	2	3	1	18									
		Female	0	0	0	0	0	0	0	1	2	2	3	1	9									
6	6 PERITONITIS(K65)	Male	3	4	6	15	25	46	79	60	17	32	24	311										
		Female	0	3	0	17	20	21	21	11	2	15	10	120										
7	7 DISEASES OF THE LIVER(K70-K76)	Male	0	27	28	42	172	355	554	355	91	142	103	1869										
		Female	0	21	22	40	54	88	93	78	26	52	22	496										
8	8 CHOLELITHIASIS AND CHOLECYSTITIS(K80-K81)	Male	0	0	0	0	0	6	1	2	0	2	3	0	14									
		Female	0	0	0	0	0	1	0	5	1	0	3	0	10									
9	9 DISORDERS OF THE PANCREAS(K85-K86)	Male	0	0	0	0	3	12	16	18	13	4	5	6	77									
		Female	1	0	0	0	4	3	3	2	3	4	4	0	20									
10	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)	Male	5	4	7	20	51	67	84	72	21	43	32	406										
		Female	1	2	8	11	29	26	10	14	8	13	3	125										

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

Mg/C AT/S	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+	13	14	15		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
XII DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(I00-198)																	
38 DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(I00-198)																	
1 INFECTIONS OF THE SKIN AND SUBCUTANEOUS TISSUE(I00-108)																	
		Male	1	3	6	9	26	41	46	57	25	65	21	300			
		Female	0	0	7	9	16	10	24	25	6	33	7	137			
		Total	1	3	13	18	42	51	70	82	31	98	28	437			
		Male	1	3	6	9	26	41	46	57	25	65	21	300			
		Female	0	0	7	9	16	10	24	25	6	33	7	137			
		Total	1	3	13	18	42	51	70	82	31	98	28	437			
2 ALL OTHER DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE(I10-198)																	
		Male	1	3	4	4	15	26	28	41	21	49	15	207			
		Female	0	0	4	0	9	6	13	16	3	18	3	72			
		Total	1	3	8	4	24	32	41	57	24	67	18	279			
XIII DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)																	
39 DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE(M00-M99)																	
1 RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHRITIS(M05-M13)																	
		Male	0	0	0	0	0	3	5	2	1	5	0	16			
		Female	0	0	3	0	1	1	4	5	9	12	1	36			
		Total	0	0	3	0	1	4	9	7	10	17	1	52			
2 OSTEOARTHRITIS(M86)																	
		Male	0	0	0	0	1	2	1	0	0	1	0	5			
		Female	0	0	0	2	0	0	0	0	0	0	0	2			
		Total	0	0	0	2	1	2	1	0	0	1	0	7			
3 ALL OTHER DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (M00-M02,M15-M43,M45-M85,M87-M99)																	
		Male	0	0	0	1	7	7	5	5	4	7	1	37			
		Female	0	0	0	3	5	1	4	9	4	5	0	31			
		Total	0	0	0	4	12	8	9	14	9	12	1	68			

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL		
			1	2	3	4	5	6	7	8	9	10	11	12	13		14	15
XIV DISEASES OF THE GENITOURINARY SYSTEM(N00-N99)																		
40 DISEASES OF URINARY SYSTEM(N00-N99)																		
1 GLOMERULAR DISEASES(INCLUDING NEPHRITIC SYNDROME) (N00-N07)																		
	1	Male	0	4	36	46	88	120	214	193	87	217	55	1050				
		Female	3	2	23	44	51	65	79	110	60	111	30	573				
		Total	3	6	59	90	139	185	293	303	147	328	85	1633				
2 RENAL TUBULO-INTERSTITIAL DISEASES(N10-N15)																		
	1	Male	0	4	12	10	12	6	12	12	2	6	3	79				
		Female	3	2	5	9	5	10	2	5	0	7	2	50				
3 RENAL FAILURE(N17-N19)																		
	1	Male	0	0	21	34	70	103	181	156	73	184	50	872				
		Female	0	0	18	26	40	50	61	91	52	87	23	448				
4 UROLITHIASIS(N20-N23)																		
	1	Male	0	0	0	0	1	1	3	0	1	0	0	6				
		Female	0	0	0	0	0	1	0	2	0	1	1	5				
5 OTHER DISORDERS OF KIDNEY AND URETER(N25-N28)																		
	1	Male	0	0	0	0	1	0	0	2	0	0	0	3				
		Female	0	0	0	1	0	0	0	1	0	0	0	2				
6 ALL OTHER DISEASES OF URINARY SYSTEM(N30-N39)																		
	1	Male	0	0	1	1	0	4	4	11	6	19	1	47				
		Female	0	0	0	2	2	0	9	4	4	15	1	37				
41 OTHER DISEASES OF THE GENITOURINARY SYSTEM(N40-N99)																		
	1	Male	0	0	2	0	2	5	10	12	4	5	1	41				
		Female	0	0	0	6	4	4	6	7	4	0	0	31				
		Total	0	0	2	6	6	9	16	19	8	5	1	72				

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

ICD-10 CODE	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+	14	15			
			1	2	3	4	5	6	7	8	9	10	11	12	13		
1	1 HYPERPLASIA OF PROSTATE(N40)	Male	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
2	2 ALL OTHER DISEASES OF MALE GENITAL ORGANS(N41-N50)	Male	0	0	2	0	2	5	10	11	4	4	4	1	39	0	39
3	3 SALPINGITIS AND OOPHORITIS(N70)	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4 ALL OTHER DISEASES OF FEMALE GENITAL ORGANS (N60-N64,N71-N76,N80-N89)	Female	0	0	0	6	4	4	6	7	4	0	0	0	31	0	31
XV	XV PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (000-099)	Female	0	0	1	314	277	57	4	0	0	0	0	28	681	0	681
		Total	0	0	1	314	277	57	4	0	0	0	0	28	681	0	681
42	42 PREGNANCY WITH ABORTIVE OUTCOME (000-008)	Female	0	0	0	17	15	6	2	0	0	0	0	3	43	0	43
		Total	0	0	0	17	15	6	2	0	0	0	0	3	43	0	43
1	1 SPONTANEOUS ABORTION (003)	Female	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1
2	2 MEDICAL ABORTION(004)	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3 OTHER PREGNANCIES WITH ABORTIVE OUTCOME (000-002 & 005-008)	Female	0	0	0	16	15	6	2	0	0	0	0	3	42	0	42
43	43 OTHER DIRECT OBSTETRIC DEATHS (O10-O99)	Female	0	0	1	206	182	27	1	0	0	0	0	14	431	0	431
		Total	0	0	1	206	182	27	1	0	0	0	0	14	431	0	431
1	1 OEDEMA,PROTEINURIA AND HYPERTENSIVE DISORDERS IN PREGNANCY,CHILD BIRTH AND THE PUERPERIUM(O10-O16)	Female	0	0	1	52	46	9	1	0	0	0	0	4	113	0	113
2	2 INFECTIONS OF GENITOURINARY TRACT IN PREGNANCY(O23)	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3 OBSTRUCTED LABOUR(O64-O66)	Female	0	0	0	2	5	0	0	0	0	0	0	0	7	0	7

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/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	14	15	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	4	Female	0	0	0	18	20	1	0	0	0	0	0	1	40	
	5	Female	0	0	0	134	111	17	0	0	0	0	0	9	271	
	44	Female	0	0	0	91	80	24	1	0	0	0	0	11	207	
	1	Female	0	0	0	91	80	24	1	0	0	0	0	11	207	
	2	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	
	XVI	Male	3950	0	0	0	0	0	0	0	0	0	0	0	3950	
		Female	2699	0	0	0	0	0	0	0	0	0	0	0	2699	
		Total	6649	0	0	0	0	0	0	0	0	0	0	0	6649	
	45	Male	3950	0	0	0	0	0	0	0	0	0	0	0	3950	
		Female	2699	0	0	0	0	0	0	0	0	0	0	0	2699	
		Total	6649	0	0	0	0	0	0	0	0	0	0	0	6649	
	1	Male	1495	0	0	0	0	0	0	0	0	0	0	0	1495	
		Female	1097	0	0	0	0	0	0	0	0	0	0	0	1097	
	2	Male	1	0	0	0	0	0	0	0	0	0	0	0	1	
		Female	2	0	0	0	0	0	0	0	0	0	0	0	2	
	3	Male	1326	0	0	0	0	0	0	0	0	0	0	0	1326	
		Female	921	0	0	0	0	0	0	0	0	0	0	0	921	

TABLE 9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

MG/C AT/S	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL				
			<1		1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.						
			3	4	5	6	7	8	9	10	11	12	13	14	15					
1	2	Male	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
		Female	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	HAEMOLYTIC DISEASE OF FETUS AND NEW-BORN (P53)	Male	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
		Female	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5	OTHER PERINATAL JAUNDICE(P56-P59)	Male	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64
		Female	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
6	ALL OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD(P00-P04,P08-P29,P54,P56-P57,P60-P66)	Male	1061	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1061
		Female	643	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	643
XVII	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	207	72	18	9	0	0	0	0	0	0	0	0	0	0	0	0	8	314
		Female	129	50	17	12	0	0	0	0	0	0	0	0	0	0	0	2	210	
		Total	336	122	35	21	0	0	0	0	0	0	0	0	0	0	0	10	524	
46	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES(Q00-Q99)	Male	207	72	18	9	0	0	0	0	0	0	0	0	0	0	0	0	8	314
		Female	129	50	17	12	0	0	0	0	0	0	0	0	0	0	0	2	210	
		Total	336	122	35	21	0	0	0	0	0	0	0	0	0	0	0	10	524	
1	SPINA BIFIDA(Q05)	Male	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Female	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM(Q20-Q28)	Male	130	44	11	7	0	0	0	0	0	0	0	0	0	0	0	0	6	198
		Female	80	39	11	7	0	0	0	0	0	0	0	0	0	0	0	1	138	
3	CLEFT LIP AND CLEFT PALATE(Q35-Q37)	Male	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Female	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
4	ALL OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNORMALITIES NOT ELSEWHERE CLASSIFIED (Q00-Q04,Q06-Q07,Q10-Q18,Q30-Q34,Q38-Q99)	Male	76	27	7	2	0	0	0	0	0	0	0	0	0	0	0	0	2	114
		Female	43	11	6	5	0	0	0	0	0	0	0	0	0	0	0	0	1	66
XVII	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)	Male	11	61	39	94	196	217	285	300	178	619	154	2154						
		Female	8	45	47	116	128	100	89	137	104	505	83	1362						
Total		19	106	86	210	324	317	374	437	282	1124	237	3516							

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

MG/C AT/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	1	3	4	5	6	7	8	9	10	11	12	13	14	15		
47	SYMPTOMS SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED(R00-R99)	Male Female Total	11 8 19	61 45 106	39 47 86	94 116 210	196 128 324	217 100 317	285 89 374	300 137 437	178 104 282	619 505 1124	194 83 237	154 83 3516		
	1 ABDOMINAL AND PELVIC PAIN(R10)	Male Female	0 0	0 0	1 0	0 0	0 1	0 0	5 0	3 0	0 0	0 0	0 0	9 1		
	2 ASCITES(R18)	Male Female	0 0	0 0	0 0	0 1	0 1	1 2	2 1	2 1	0 2	0 0	0 0	5 8		
	3 SOMNOLENCE, STUPOR AND COMA(R40)	Male Female	0 0	0 0	0 0	0 0	1 0	1 2	3 0	1 0	1 0	0 0	0 0	7 2		
	4 FEVER OF UNKNOWN ORIGIN(R50)	Male Female	0 0	1 1	0 1	1 0	2 1	2 1	4 0	1 0	0 0	1 0	1 0	12 5		
	5 SENILITY(R54)	Male Female	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	48 39	251 257	17 4	316 300		
	6 SYNCOPES AND COLLAPSES(R55)	Male Female	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0		
	7 CONVULSIONS, NOT ELSEWHERE CLASSIFIED(R56)	Male Female	0 0	0 0	0 0	2 7	20 10	14 11	14 8	16 4	7 3	31 12	13 4	117 59		
	8 SHOCK, NOT ELSEWHERE CLASSIFIED(R57)	Male Female	0 0	0 0	0 0	5 20	10 28	12 7	30 8	29 16	12 7	31 18	14 5	143 109		
	9 ALL OTHER SYMPTOMS SIGNS AND ABNORMAL CLINICAL & LABORATORY FINDINGS, NOT ELSEWHERE CLASSIFIED (R00-R09, R11-R17, R19-R39, R41-R49, R51-R53, R58-R99)	Male Female	11 8	61 44	38 46	86 88	163 87	187 77	227 72	248 116	110 53	305 217	109 70	1545 1578		

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL		
			1			2			3			4			5			
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S	14	15			
XIX INJURY POISONING AND CERTAIN OTHER CONSEQUENCES OF EXTERNAL CAUSES(S00-T98)																		
48 FRACTURES(S02.S12.S22.S32.S42.S52.S62.S72.S82.S92.T10.T12.T02.T08)																		
1 FRACTURE OF SKULL AND FACIAL BONES(S2)																		
Male 0 0 1 0 0 3 0 0 2 4 0 0 1 1 11																		
Female 0 1 0 1 0 1 0 0 0 1 0 0 1 0 4																		
Total 0 1 1 1 0 4 0 0 2 5 0 0 2 1 15																		
2 FRACTURE OF NECK, THORAX OR PELVIS(S12.S22.S32 & T08)																		
Male 0 0 2 2 7 3 9 9 9 14 6 4 3 5 57																		
Female 0 0 0 2 2 2 3 0 4 0 0 2 2 0 13																		
Total 0 0 2 4 9 5 12 9 13 14 6 6 5 3 70																		
3 FRACTURE OF UPPER LIMBS(S42.S52.S62 & T10)																		
Male 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1																		
Female 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																		
Total 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1																		
4 FRACTURE OF LOWER LIMBS(S72.S82.S92 & T12)																		
Male 1 0 2 6 9 17 25 8 3 3 17 2 2 2 90																		
Female 0 0 3 1 0 1 3 7 1 1 16 2 2 2 34																		
Total 1 0 5 7 9 18 28 15 4 4 33 4 4 4 124																		
5 FRACTURES INVOLVING MULTIPLE BODY REGIONS, AND OF UNSPECIFIED BODY REGION(T02)																		
Male 0 1 0 4 2 1 3 4 0 0 1 0 1 0 16																		
Female 0 0 0 1 0 0 4 0 0 0 0 0 0 0 5																		
Total 0 1 0 5 2 1 7 4 0 0 1 0 1 0 21																		
49 DISLOCATIONS, SPRAINS AND STRAINS OF SPECIFIED AND MULTIPLE BODY REGIONS (S03.S13.S23.S33.S43.S53.S63.S73.S83.S93.T03)																		
Male 0 0 0 0 1 2 2 1 1 2 1 1 1 1 8																		
Female 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3																		
Total 0 0 0 0 1 2 2 1 1 2 1 1 1 1 11																		
50 INTRACRANIAL AND INTERNAL INJURIES INCLUDING NERVES (S04.S06.S14.S26.S27.S34.S36.S37.S44.S54.S64.S74.S94 & S94)																		
Male 0 6 17 44 45 53 56 24 8 22 31 306																		
Female 1 2 10 7 12 8 7 6 2 5 6 66																		
Total 1 8 27 51 57 61 63 30 10 27 37 372																		

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

ICD CODE	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	14	15	
51	CRUSHING INJURIES AND TRAUMATIC AMPUTATIONS OF SPECIFIED AND MULTIPLE BODY REGIONS (S07-S08, S17-S18, S28, S38, S47, S48, S57, S77, S78, S87, S88, S97, S98, T04, T05, S98, S67, S68)	Male Female Total	2 0 2	0 1 1	1 0 1	2 1 3	3 1 4	2 0 2	1 0 1	0 0 0	0 0 0	0 0 0	0 0 0	2 0 2	1 0 1	14 3 17
52	OTHER INJURIES OF SPECIFIED, UNSPECIFIED AND MULTIPLE BODY REGIONS (S00-S01, S05, S09-S11, S15-S16, S19-S21, S25, S29-S31, S35, S39-S41, S45-S46, S49-S51, S55-S56, S59-S61, S65-S66, S69-S71, S75-S76, S79-S81, S85-S86, S90-S91, S95-S96, S99, T00-T01, T06-T07, T09, T11 & T13-T14)	Male Female Total	8 5 13	21 5 26	64 33 97	225 24 249	296 37 333	307 41 348	232 45 277	156 37 193	52 21 73	66 31 97	130 27 157	1557 306 1863		
53	EFFECTS OF FOREIGN BODY ENTERING THROUGH NATURAL ORIFICE (T15-T19)	Male Female Total	0 0 0	1 1 2	1 1 2	1 1 2	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	4 2 6
54	BURNS AND CORROSIONS (T20-T23)	Male Female Total	13 9 22	24 24 48	25 69 94	155 694 849	226 622 848	183 232 415	58 80 138	39 27 66	4 14 18	20 31 51	119 135 254	866 1937 2803		
55	POISONINGS BY DRUGS AND BIOLOGICAL SUBSTANCES, AND TOXIC EFFECTS OF SUBSTANCES CHEFELY NONMEDICINAL AS TO SOURCE (T36-T50 & T51, T65)	Male Female Total	8 8 16	21 23 44	61 44 125	478 352 830	580 216 798	437 130 567	306 46 352	138 42 180	28 16 44	50 29 79	132 53 185	2259 961 3220		
56	OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES AND CERTAIN EARLY COMPLICATIONS OF TRAUMA (T33-T35, T66-T78 & T79)	Male Female Total	0 0 0	1 1 2	4 2 6	22 16 38	13 12 25	18 3 21	6 3 9	4 3 7	2 1 3	5 2 7	5 2 9	78 45 123		
57	COMPLICATIONS OF SURGICAL AND MEDICAL CARE NOT ELSEWHERE CLASSIFIED (T80-T89)	Male Female Total	2 1 3	1 2 3	1 1 2	5 1 6	6 1 7	7 0 7	4 0 4	8 2 10	2 0 2	3 3 6	3 1 4	41 14 55		
58	LATE EFFECTS OF INJURIES, OF POISONING AND OF OTHER CONSEQUENCES OF EXTERNAL CAUSES (T90-T99)	Male Female Total	0 0 0	0 0 0	0 0 0	3 0 3	3 0 3	4 0 4	9 0 9	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	21 0 21

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

ICD CODE MG/C AT/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	14	15						
			3	4	5	6	7	8	9	10	11	12	13	14	15							
XX	EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(V01-V89)	Male	34	75	199	952	1190	1041	714	401	104	191	428	5329								
			Female	24	60	165	1100	906	415	196	123	55	122	228	3394							
			Total	58	135	364	2052	2096	1456	910	524	159	313	656	8723							
		Female	6	22	58	228	274	285	223	147	42	73	120	1478								
			Male	5	4	31	20	34	35	43	35	21	22	26	276							
			Total	11	26	89	248	308	320	266	182	63	95	146	1754							
		Male	0	0	1	3	8	4	5	0	0	0	0	0	21							
			Female	0	0	0	0	0	0	0	0	0	0	0	0	3						
			Total	0	0	1	3	8	4	5	0	0	0	0	0	24						
		E48	TRANSPORT ACCIDENTS(V01-V99)	Male	6	17	53	205	243	260	209	137	41	70	115	1356						
					Female	4	3	31	20	33	35	40	33	19	19	25	262					
					Total	10	20	84	225	276	295	249	270	60	90	140	1618					
				Female	0	0	0	0	0	0	0	0	0	0	0	0	0					
					Male	0	0	0	0	0	0	0	0	0	0	0	0	2				
					Total	0	0	0	0	0	0	0	0	0	0	0	0	2				
Male	0			1	1	0	0	1	1	2	0	0	0	0	6							
	Female			1	0	0	0	0	0	0	0	1	0	0	2							
	Total			1	1	1	0	0	1	2	0	1	0	0	2							
Male	0			0	0	0	0	0	0	0	0	0	0	0	0							
	Female			0	0	0	0	0	0	0	0	0	0	0	0	0						
	Total			0	0	0	0	0	0	0	0	0	0	0	0	0						
Male	0			4	3	20	23	18	8	8	1	3	5	93								
	Female			0	1	0	0	1	0	0	1	2	3	1	9							
	Total			0	5	3	20	24	18	8	9	3	8	6	102							
Male	1	2	10	10	17	21	26	12	14	12	6	131										
	Female	1	0	2	2	2	2	4	1	2	30	1	27									
	Total	2	2	12	12	19	23	30	13	16	42	9	158									

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

MG/C AT/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+		
			3	4	5	6	7	8	9	10	11	12	13	14	15										
E50	ACCIDENTAL DROWNING AND SUBMERSION(W65-W74)	Male	0	2	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6	
		Female	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Total	0	3	0	0	1	1	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	8
E51	EXPOSURE TO SMOKE, FIRE AND FLAMES(X00-X09)	Male	12	23	24	138	208	170	45	35	5	21	113	794											
		Female	8	25	66	619	570	212	67	24	14	30	125	1760											
		Total	20	48	90	787	778	382	112	59	19	51	238	2554											
E52	ACCIDENTAL POISONING BY AND EXPOSURE TO NOXIOUS SUBSTANCES(X40-X49)	Male	8	10	25	271	347	260	196	77	15	29	96	1394											
		Female	6	13	20	219	132	59	20	17	8	13	36	543											
		Total	14	23	45	490	479	319	216	94	23	42	132	1877											
E53	INTENTIONAL SELF-HARM(SUICIDE-ATTEMPTED)(X60-X84)	Male	0	0	14	157	174	128	85	41	6	12	28	645											
		Female	0	0	9	165	111	55	19	12	5	9	26	411											
		Total	0	0	23	322	285	183	104	53	11	21	54	1056											
E54	ASSAULT(HOMICIDE)(X85-Y09)	Male	2	3	5	20	19	20	22	12	1	2	12	118											
		Female	0	0	1	12	9	4	4	2	0	1	5	38											
		Total	2	3	6	32	28	24	26	14	1	3	17	156											
E55	OTHER VIOLENCE(Y10-Y36)	Male	0	0	4	32	50	38	23	15	3	4	14	183											
		Female	0	2	5	20	11	9	10	4	2	3	0	66											
		Total	0	2	9	52	61	47	33	19	5	7	14	249											
1	EVENT OF UNDETERMINED INTENT(Y10-Y34)	Male	0	0	4	32	50	38	23	15	3	4	14	183											
		Female	0	2	5	20	11	9	10	4	2	3	0	66											
		Total	0	2	9	52	61	47	33	19	5	7	14	249											
2	LEGAL INTERVENTION(Y35)	Male	0	0	0	0	0	0	0	0	0	0	0	0											
		Female	0	0	0	0	0	0	0	0	0	0	0	0											
		Total	0	0	0	0	0	0	0	0	0	0	0	0											
3	OPERATIONS OF WAR(Y36)	Male	0	0	0	0	0	0	0	0	0	0	0	0											
		Female	0	0	0	0	0	0	0	0	0	0	0	0											
		Total	0	0	0	0	0	0	0	0	0	0	0	0											

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002
STATE: KARNATAKA

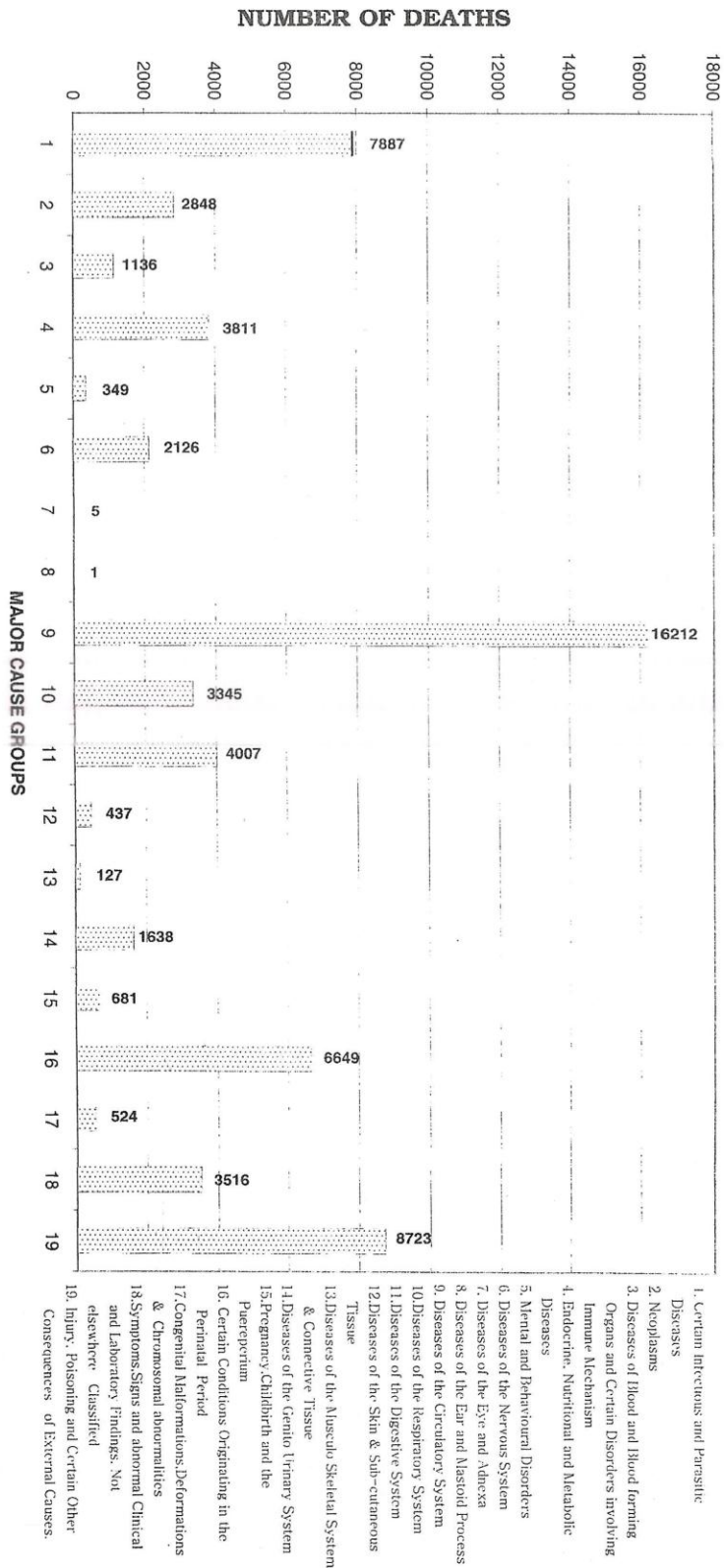
ICD CODE	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
E56 COMPLICATIONS OF MEDICAL AND SURGICAL CARE(140-Y84)																
1 DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE (140-Y89)																
Male	0	1	0	1	0	1	0	2	3	0	0	1	0	0	8	
Female	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	
Total	0	1	0	1	0	1	0	3	4	0	0	1	0	2		
2 MISADVENTURES DURING SURGICAL AND MEDICAL CARE, ADVERSE INCIDENTS IN DIAGNOSTIC & THERAPEUTIC USE, ABNORMAL REACTIONS AND LATE COMPLICATIONS (160-Y89, Y70-Y82 & Y88-Y84)																
Male	2	1	0	4	3	6	3	7	1	2	3	2	3	32		
Female	1	1	0	3	1	0	1	3	0	1	3	0	2	13		
Total	3	2	0	7	4	6	4	10	4	3	6	3	5	45		
E57 OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY, NOT ELSEWHERE CLASSIFIED (W20-W64, W75-W99, X10-X39, X50-X59)																
1 ACCIDENTS CAUSED BY MACHINERY AND BY CUTTING, PIERCING INSTRUMENTS(W24-W31)																
Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Female	0	0	1	0	0	0	0	0	0	0	0	0	0	1		
Total	0	0	1	0	0	0	0	0	0	0	0	0	0	1		
2 ACCIDENTS CAUSED BY FIREARM MISSILE(W32-W34)																
Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3 BITES OF SNAKES AND OTHER VENOMOUS ANIMALS(X20-X27)																
Male	2	5	40	41	33	29	12	11	5	7	5	190				
Female	0	7	13	13	12	20	7	11	1	6	4	94				
Total	2	12	53	54	45	49	19	22	6	13	9	284				
4 SUN STROKE(X32)																
Male	0	0	0	0	0	0	0	0	0	0	0	0				
Female	0	0	0	0	0	0	0	0	0	0	0	0				
Total	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-X29, X30-X31, X33-X39 & X50-X59)																
Male	1	6	19	49	64	81	76	43	12	28	31	410				
Female	3	7	17	27	24	17	20	14	2	26	4	161				
Total	4	13	36	76	88	98	96	57	14	54	35	571				

TABLE-9: MEDICALLY CERTIFIED DEATHS BY AGE AND SEX ACCORDING TO NATIONAL LIST OF TENTH REVISION OF ICD DURING THE YEAR-2002

STATE: KARNATAKA

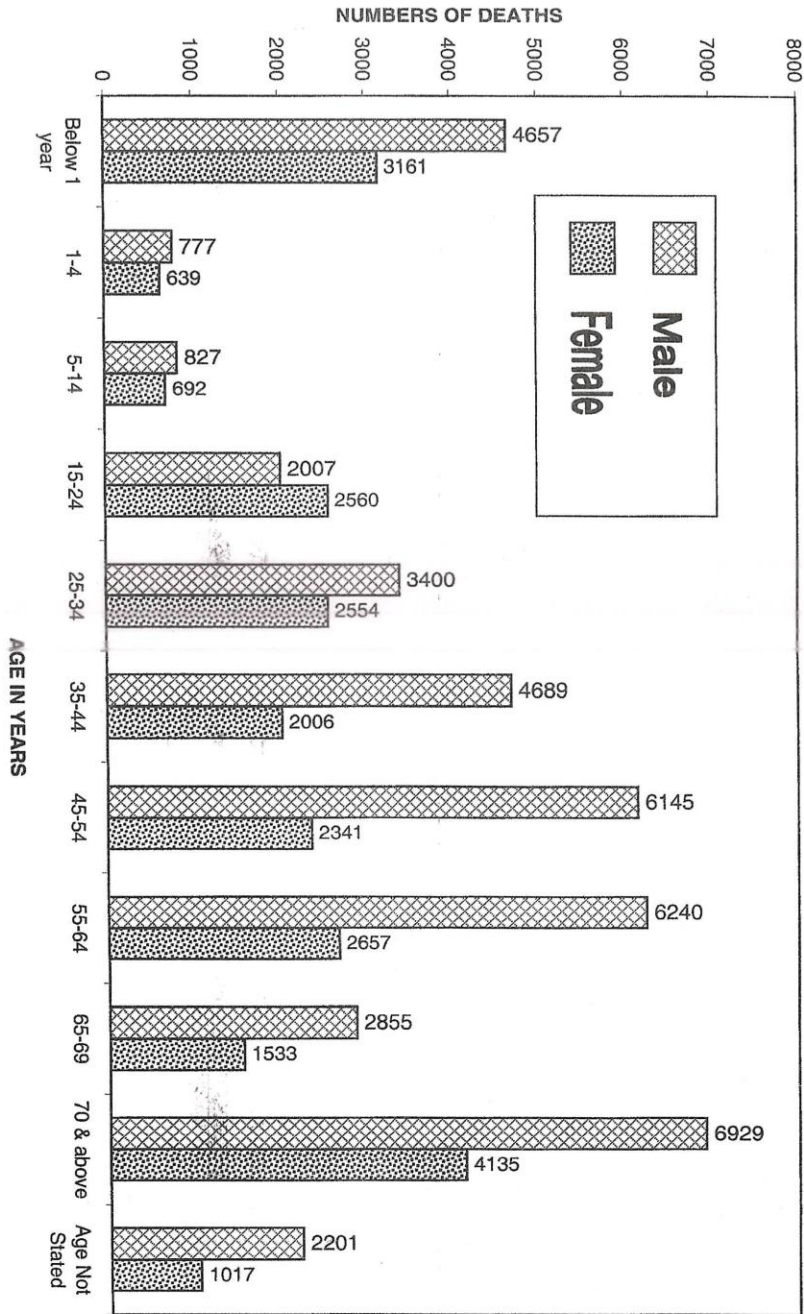
MG/C AT/S C	CAUSE OF DEATH	SEX	AGE GROUPS													TOTAL	
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	14	15		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
E58 LATE EFFECTS OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY(85-189)			Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL CAUSES (MAJOR GROUP I TO XIX)			Male	4657	777	827	2007	3400	4688	6145	6240	2855	6929	2201	40727		
			Female	3161	639	692	2360	2554	2006	2341	2657	1533	4135	1017	23295		
			Total	7818	1416	1519	4367	5954	6695	8486	8897	4388	11064	3218	64022		

DEATHS BY MAJOR CAUSE GROUPS-2002

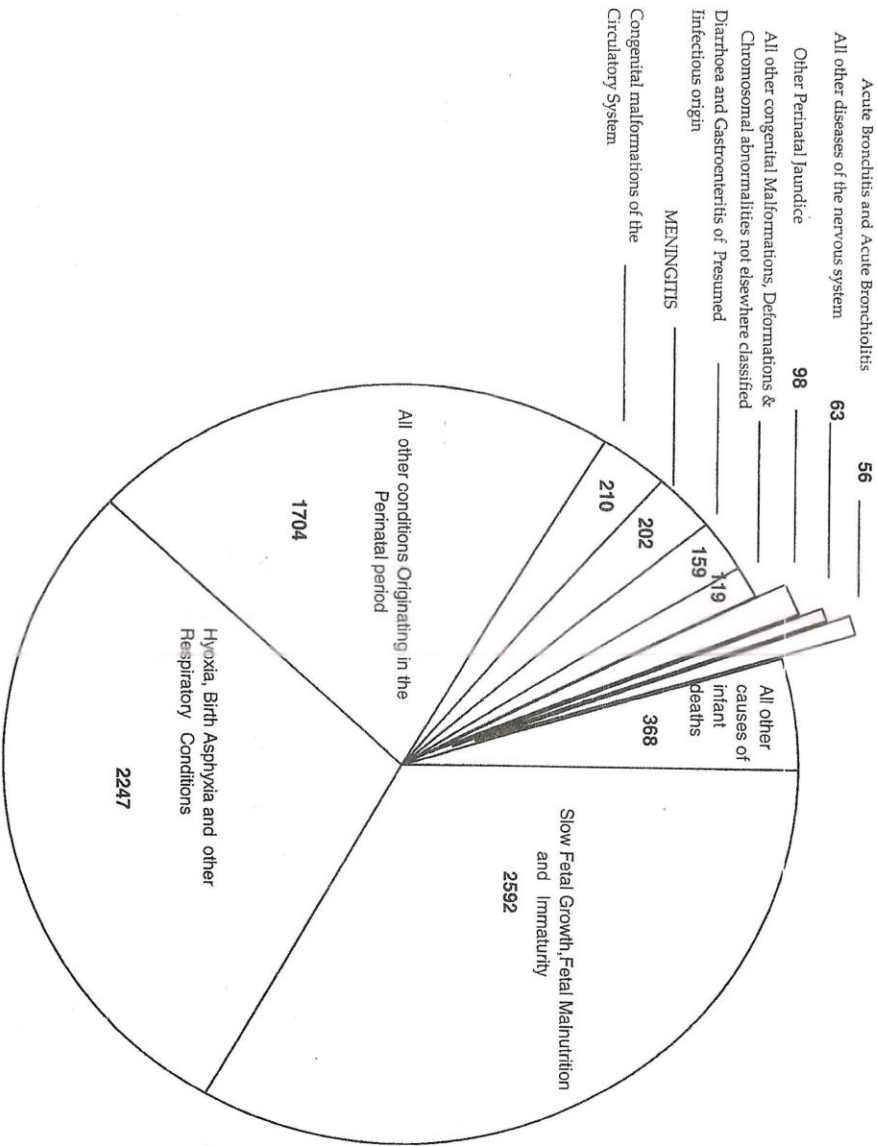


- 1. Certain Infectious and Parasitic Diseases
- 2. Neoplasms
- 3. Diseases of Blood and Blood-forming Organs and Certain Disorders Involving Immune Mechanism
- 4. Endocrine, Nutritional and Metabolic Diseases
- 5. Mental and Behavioural Disorders
- 6. Diseases of the Nervous System
- 7. Diseases of the Eye and Adnexa
- 8. Diseases of the Ear and Mastoid Process
- 9. Diseases of the Circulatory System
- 10. Diseases of the Respiratory System
- 11. Diseases of the Digestive System
- 12. Diseases of the Skin & Sub-cutaneous Tissue
- 13. Diseases of the Musculo Skeletal System & Connective Tissue
- 14. Diseases of the Genito-Urinary System
- 15. Pregnancy, Childbirth and the Puerperium
- 16. Certain Conditions Originating in the Perinatal Period
- 17. Congenital Malformations, Deformations & Chromosomal abnormalities
- 18. Symptoms, Signs and abnormal Clinical and Laboratory Findings: Not elsewhere Classified
- 19. Injury, Poisoning and Certain Other Consequences of External Causes.

SEX AND AGEWISE DISTRIBUTION OF DEATHS - 2002



LEADING CAUSES OF INFANT DEATHS -2002



NUMBER OF MATERNAL DEATHS DURING 1992-2002

