

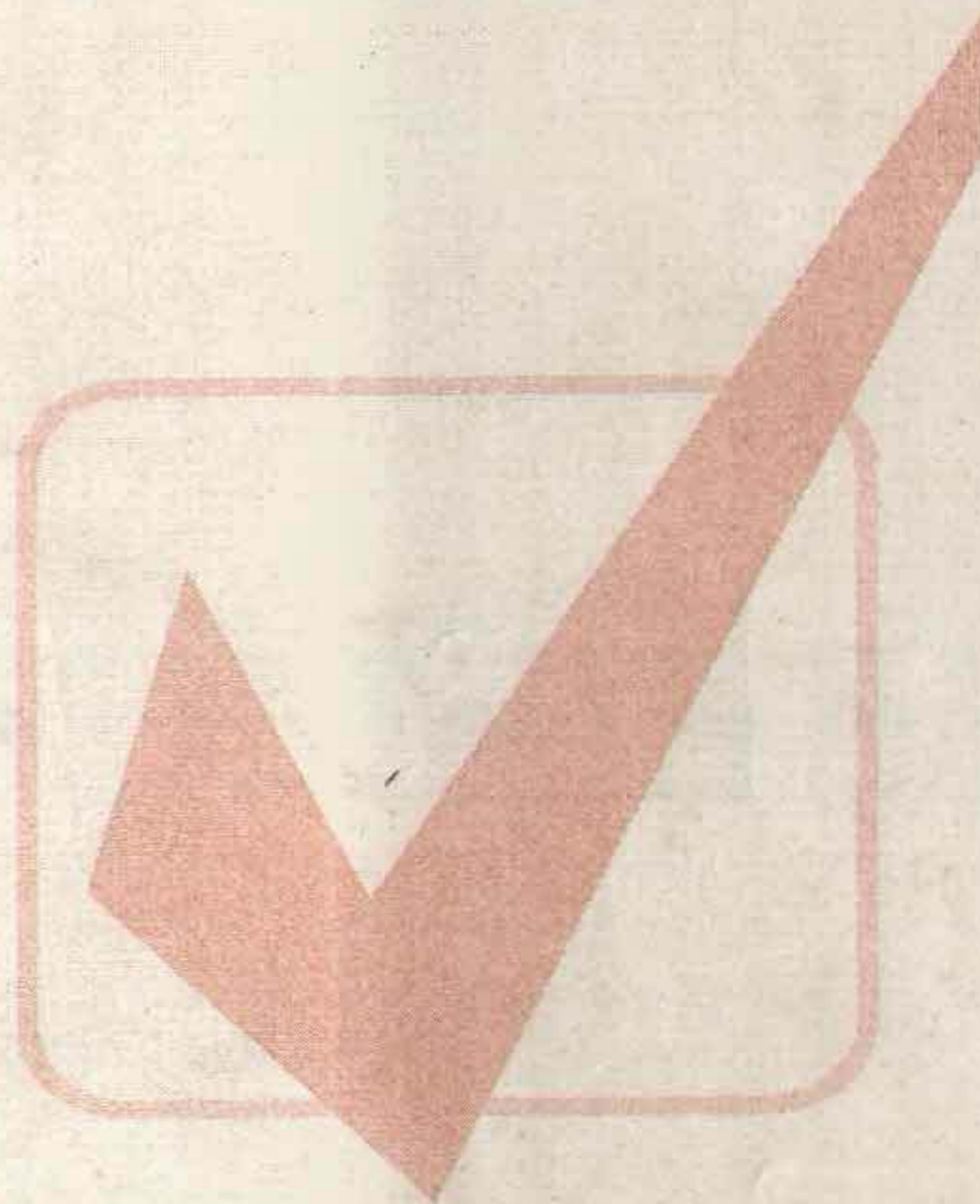


GOVERNMENT OF KERALA

DES
013-758

REPORT ON

**MEDICAL CERTIFICATION OF
CAUSE OF DEATH
1993, 1994 & 1995**



DEPARTMENT OF ECONOMICS AND STATISTICS
THIRUVANANTHAPURAM

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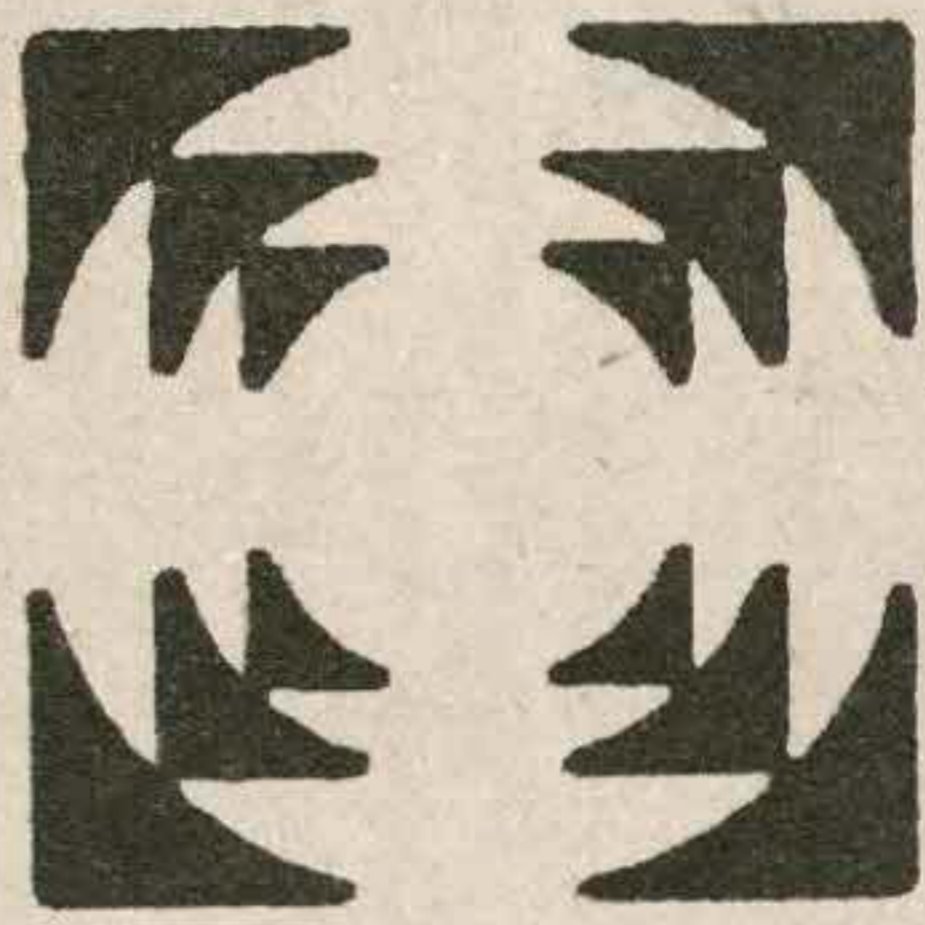
GOVERNMENT OF KERALA

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MEDICAL CERTIFICATION OF
CAUSE OF DEATH
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AND
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DEPARTMENT OF ECONOMICS AND STATISTICS



P R E F A C E

The scheme "Medical Certification of Cause of Death" was introduced in the State in the three City Corporations of Thiruvananthapuram, Kochi, Kozhikode and two Municipalities of Kollam and Alappuzha with a view to obtain valuable data regarding the causes of Death. However due to the paucity of staff Municipalities/Corporations data pertaining to Kozhikode Corporation alone has been compiled in this report

The report pertaining to Kozhikode Corporation is from 1993 to 1995 has prepared by the Vital Statistics Unit of this Directorate.

Thiruvananthapuram,
Dated : 8th May, 1998.

U. THOMAS SLEEBA
D I R E C T O R

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MEDICAL CERTIFICATION OF CAUSE OF DEATH

Introduction

Mortality deals with the effect of death on population. Among the components of population change viz. migration, fertility & mortality the last one affect it adversely, ie. the size of population is decreasing as a result of increasing mortality. In early time, mortality was very high in everywhere due to the problems like unidentification of certain diseases, lack of ample medicine, acute epidemics etc. The data in respect of mortality is indispensable for certain purposes such as demographic studies, public health programme, policy making of insurance companies, and for social and economic studies. In short, finding out the diseases, which leading to aggregate deaths, are possible only through collecting data on mortality.

Cause of death is one of the important aspects of mortality. Death of a person happened due to either immediate cause or antecedent cause. As such death is happened due to the causes of more than one diseases. Identification of the exact cause of death of a person is very arduous. Similarly death of a person may be happened due to various causes such as, diseases, scullity, accident, homicide etc. As per the data on vital events display a diminishing trend of cause of death. EG: considering to the death rate and life expectancy of people. The former shows a regular decreasing trend and the later, shows a regular increasing trend. These indirectly shows that the number of deaths are decreasing continuously.

Pooling the data on cause of death, at the Instance of Central Government, the State Government implemented the scheme of Medical Certification of Cause of Death in three corporations and two municipalities, viz. Kollam and Alappuzha where total population is exceeded one lakhs, for collecting the data on cause of death. In urban places, where most of the deaths are happened due to the enbrow of rural people to these urban areas for avail modern medical facilities installed there.

Accordingly to the scheme, all medical institution situated within the corporations/municipalities area should be forwarded the medical certificates of all deaths occurred in each institution to the concerned corporations/municipalities authority wherein, the Deputy Health Officer is in charge of this scheme. As per this scheme, the authority for issuing the medical certificate is the medical practitioner who last attended the deceased during the time of death. The Deputy Health Officer will scrutinise and coded the diseases as per the prescribed code list and enquire any events needs further accuracy in finding out it's exact cause of death, and would be forwarded the consolidation report to the Directorate of Economic and Statistics Department.

Objectives of the Scheme.

- (1) Collect reliable data on cause of mortality.
 - (2) Identification of major diseases which lead to aggregate death of mankind.
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- (3) Obtain data in respect of age classification of death.
- (4) Provide data to public health and medical authorities for further research, investigation and studies about mortality pattern of disease.

Limitations

Usually collecting the data on cause of death is a tedious work. Sufficient data is not fully obtain due to the reasons such as under reporting of vital events, inadequacy of medically certifies death, larger portion of the deaths attributed to senility, ill delind and unknown causes of diseases etc. As such, for identifying the disease lead to cause of death required well experienced medical practitioner. If the cause of death is proclaimed by a non-medical practitioner, it will be led to misrepresentation of data. Another limitation in connection with this survey is the small coverage of the survey.

Causes of Death

Cause of death is defined as the morbid conclusion or disease process, abnormality, injury or poisoning leading directly or indirectly to death. The causes of death which as insignificant are grouped under other's.

This report covered the medically certified deaths only in respect of Kozhikode Corporation from 1993 to 1995. The report of the same has not been received from the remaining selected centres of the survey due to the vacant post of Deputy Health Officer responsible for conducting the survey successfully.

Kozhikode Corporation 1993

As per 1991 Census population of Kozhikode Corporation was 4.2 lakhs with an area of 82.68 Sq.Kms. also having a density of population 5078/Sq.Km.

During the year under report the number of medically certified deaths verified and analysed were 6005 with a break-up of male and female, 3906 and 2099 respectively. This is an increase of 20.5% compared to that of the previous year. This may be due to the inflow of rural people for obtaining medical facilities available in corporation area.

Sex-wise distribution of the leading causes of death

Appendix-I

Out of the 6005 deaths verified during the year, 3906 (65.05%) were of males and 2099 (34.95%) females as against 3244 (65.13%) and 1737 (34.87%) during the previous year.

Causes of death

The main causes of the deaths occurred in the year 1993 are given below:

i) Intestinal infections diseases - Code I (001-009)

2.70% of the total medically certified deaths was due to this cause during the year under report in the corporation, with male and female break up of 2.69% and 2.72% respectively.

The corresponding percentage during the previous year 1992 was (2.67) with a percentage of male (2.31) and female (3.34) respectively.

ii) Tuberculosis - Code I (010-018)

Deaths due to Tuberculosis constituted 3.15% of the total deaths with mortality among males (3.56%) and females (2.38%) during the year under report. When compared to the previous (3.11%), it is understood that there is a slight increase in deaths due to this disease.

iii) Other Bacterial diseases - Code I (020-041)

Out of the total medically certified deaths reported due to this cause were (3.61%) with a share of males and females (3.48%) (3.86%) respectively.

iv) Viral diseases - Code I (045-079)

Total deaths due to this cause were about 2.10% of total medically certified deaths during the year under report with male and female break up of (1.66%) and (2.91%) respectively in this corporation as against (3.03%) in the previous year.

v) Neoplasma - Code II (140-239)

Deaths due to Neoplasma stood in the 3rd place among the major causes of deaths. The percentage of death due to this disease was 9.39 as against 9.76% during the previous year (1992). In the total (9.39) the percentage share of male and female were (9.4) (9.24) respectively.

vi) Nutritional and metabolic diseases and immunity disorders
Code - III (240-279)

About 3.96% of the total deaths was due to this cause 3.61% of the victims were males and 4.62% were females.

vii. Diseases of the nervous system and sense organs - Code VI (320-389)

3.58% of the deaths reported was of this cause the male and female break up being 3.18% and 4.34% respectively.

viii. Heart diseases - Code VII (390-429)

Heart disease occupy the first place in the cause of death in Kozhikode corporation during the year under report. The percentage of death due to this cause was (24.96%) with male and female break up of 26.88% and 21.39% respectively. Percentage total of this cause of death during the year 1992 was 21.12% and with a share of male and female were

23.49, 16.70 respectively. This figure displays that major deaths occurred were due to heart diseases. As such male deaths were more than the female deaths.

ix. Cerebre Vascular Diseases - Code VII (430438)

Deaths regarding Cerebre vascular disease constituted 8.96% of the total deaths with male and female break up of 8.25% and 10.29% respectively.

x) Diseases of the respiratory system - Code VII (460-519)

The percentage of death due to this cause occupy 8.13 is which the share of male and female deaths were 8.06 and 8.24 respectively.

xi) Diseases of Digestine System - Code IX (520-579)

Death due to this cause claimed 6.35% of total deaths with male and female share of 7.63% and 3.57% respectively.

xii) Conditions originating in the perinatal period - (Code XV (760-779)

Among the various causes of death, this cause occupy the second place during the year under report with a total percentage of 10.94% of with a male share of 9.63% and with a female share of 13.39% respectively.

xiii. Accidents, Injuries and Poisoning - Code XVII (800-999)

The total percentage of deaths due to this cause was 8.14 in which 8.86% among males and 6.81% among females.

xiv) Other causes

Causes other than chose mentioned above accordated to 4.03% of the detail deaths with male and female share of 2.84% respectively.

Death according to age - Appendix II

Diseases and age has some relationship. For instance usually the death of youngsters are very less comparied to children and elders.

Age-wise analysis of causes of death in the age groups, below 1 year 1-14, 15-44 and 45 and above is detailed below.

i) Below 1 year (infant deaths)

Out of the 6005 deaths reported the year in the corporation, 1039 (17.3%) deaths were among infants due to various diseases. The most predeninat cause of death in this age group was conditions originating in the perinated period (62.95%) followed by diseases of the respiratory system (12.42) other major causes of death among the infants were other bacterial diseases (9.63%) diseases of the nervous and sense organs (5.29) and causes other than these mentioned above (3.46%).

ii) 1 - 14 Years

6.01% of the total deaths were included in this age group. Important causes of deaths in this category were viral disease of the share 16.34% accidents injuries and poisoning (14.13%) Intestinal infections diseases (13.57%) and diseases of the respiratory system (13.02%). The other important causes of death under this age group were Neoplasms (8.86%) disease of Nervous system and sense organ 8.03% other Bacterial disease 6.93% respectively.

iii) 15 - 44 Years

18.12% of the total deaths were occurred in this age group of 15-44 years while it was 12.91% during the previous year (1992). The accidents injuries and poisoning were proved to be the major killer. The percentage of death in this age group due to this cause was 24.82% as against 24.17% during the previous year. The other major causes of death in this age group were heart diseases (12.87%) followed by Neoplasms (11.12%).

iv) Above 45 Years

The percentage of death come under this age group is 58.57 during the year under report. However in the previous year Heart diseases (32.34%) stood first among the causes of deaths in this age group. 38.07 deaths in this age group were due to heart disease. The other significant causes of death in this age group were Cerebro Vascular Diseases 14.25% Neoplasms 11.52% disease of digestive systems 7.36%. Diseases of Respiratory systems 6.51% Nutritional and Metabolic Diseases 6%. Accidents Injuries and poisoning 4.72% and Tuberculosis 3.7% respectively.

Domiciliary Deaths - Appendix III

Total 265 domiciliary deaths verified by the Deputy Health Officer out of which 46 were of similitude and ill defined condition 38 were of Heart diseases 34 were of Pneumonia and Bronchitis 31 were of Enteritis and Gastro Enteritis 27 were of Pulmonary Tuberculosis 23 were of Septicemia 23 were of Anemia 20 were of Cirrhosis of Liver 19 were of Diabetic Mellitus and 4 were of Neoplasms.

Kozhikode Corporation 1994

During the reference year 5290 medically certified death considered for analysis with male and female break up of 3404 and 1886 respectively. The detailed Sex-wise distribution of the leading cases as follows.

1 9 9 4**i) Intestinal Infections Diseases - Code (001-009)**

2.8% of total deaths reported during the year 1994 were included in this category. In the previous year the percentage of this age was 2.70%. The total number of victims due to the cause was 148 with a break up of male 85 (2.5%) and female 63 (3.35%) respectively.

ii) Tuberculosis - Code I (010-018)

Deaths due to this cause constituted 3.5% of the total deaths with a male and female share of (3.8%), (2.97%) respectively.

iii) Other Bacterial diseases - Code I (020-041)

Out of the total medically certified deaths reported deaths due to this cause were 2.91% with a break up of males and females (2.76%), (3.18%) respectively. It shows a slight decrease when compared to the previous years.

iv) Viral Diseases - Code I (045-079)

Deaths due to viral diseases accounted for 2.17% of the total deaths with a male and female share of 1.67% and 3.08% respectively.

v) Neoplasms - Code II (140-239)

Deaths due to Neoplasms stood in the 4th place in this corporation, among the major causes of deaths. The percentage of death due to this cause was 9.53% with a male and female share of 9.55% and 9.50% respectively.

**vi) Nutritional and Metabolic diseases and Immunity disorders
Code III (240-279)**

Any death due to this cause has not been reported during the year.

vii) Diseases of the Nervous System of Sense Organs - Code VI (320-389)

Deaths due to this cause constituted only 1.97% of the total death with male and female break up of 1.88% and 2.12% respectively.

viii) Heart Diseases - Code VII (390-429)

The deaths due to heart diseases stood first in this city corporation during the year under report. The percentage of death due to heart diseases was 23.10 during the year under report as against 24.96% in the year 1993.

In the total percentage the male and female break up was 25.82% and 18.17 respectively. Slight decrease is seen when compared to previous year.

ix) Cerebro vascular diseases - Code VII (430-438)

Cerebro vascular disease was the second largest killer in the city corporation of during the year under report, 12.68% of the total deaths was occurred due to this disease as against 8.96% in the previous year. The males and females victims in this category were 11.84% and 14.21% respectively.

x) Diseases of the Respiratory System - Code VIII (460-519)

Death due to this cause accounted for 7.13% of the total deaths with male and female share of 7.46% and 6.52% respectively.

xi) Diseases of the digestive system - Code IX (520-579)

5.16% of the total death reported was of this cause with male and female break up of 6.11% and 3.45% respectively.

xii) Conditions Originating in the Perinatal period - Code XV (760-779)

This casue ranked as the 2nd major cause of death during the year under report with 10.43%, with a male share of 8.90% and a female share of 13.20% respectively.

xiii) Accidents, Injuries & Poisoning - Code XVII (800-999)

Out of the total deaths reported, 8.92% of the deaths was due to this cause. During the previous year it was 3.14%.

xiv) Other causes

Causes other than those mentioned above consituted to 9.7% of the total deaths with male share of 8.43% and female share of 11.98%.

Death According to Age - Appendix II

Age-wise analysis of causes of death during the reference period is given below:

i) Below 1 year (Infant deaths)

Out of the 5290 deaths reported during the year in the corporation 801 (15.14%) deaths were among infants due to different causes. The most predominant cause of death in this age group was conditions originating in the perinatal period (68.79%) followed by diseases of the respiratory system (8.49%). Other major causes of deaths among the infants were other Bacterial diseases (7%), diseases of the nervous system (4.87%) and causes other than those mentioned above (3.37%).

ii) 1 - 14 Years

Deaths occurred in this age group were only 4.52% of the total deaths. The deaths due to various causes in this age group decreased during the year under report when compared to the previous year 1993.

Accidents, injuries and poisoning ranked first in the list of major causes of death in this age group claiming 20.50% of deaths. The other important causes of death under this age group were intestinal infections diseases, advisal diseases. These two causes claiming a percentage of 14.64 each. In addition to these the other causes of death were Neoplansies, other Bacterial diseases, Diseases of Respiratory system of percentages 9.62%, 8.37%, 7.95% respectively.

iii) 15 - 44 Years

18.71% of the total deaths were accounted in this age group. The accidents, injuries and poisoning were seemed to be the major killer in this age group (15-44). The percentage of death in this age group due to the cause was 25.25 as against 24.82 during the previous year. The other major causes of death in this age group were other causes (1535) followed by Heart diseases (13.94).

vi) 45 and above

Major portion of the deaths (61.63%) were included in the age group of 45 and above during the year under report as in the previous year it was (38.57%). This cause showing on increasing tendancy year by year. Besides, 32.58% of the total death in this age group were due to heart disease. The othr significant causes of death in this age group were Cerebro-vascular diseases (19.11), Neoplasm (11.25).

v) Domiciliary deaths

Out of the total 289 domiciliary deaths verified by the Deputy Health Officer 61 were of Senility and ill defined conditions, 43 were of Heart diseases, 38 were of Enterites and Gastro Entrites 33 were of Anaemia, 31 death were due to Pulmenary Tuberculosis and Pneumomia, 26 were of septicamics and 20 were of Cirrhoses of liver.

Summary

- (1) Heart diseases was the major cause of death in this corporation. Deaths due to this cause, were comparatively high in males there in females. The percentage of death due to this cause was highest in the age group of 45 and above.
- (2) Contidions originating in the perinatel period was the second major among the leading causes of death.
- (3) Death due to accidents, injuries and poisoning were mainly happened in the age group 15-44. Neoplasm is the another important cause of death in this age group.

Kozhikode Corporation (1995)

During the year under report 5150 medically certified death were come under the report. The male and female break up of these cases was 3334 and 1816 respectively.

Causes of Death - Appendix I

The death due to different causes are detailed below.

i) Intestinal infections disease - Code (001-009)

2.91% of total death reported during the year due to this cause of death previous year the rate of this cause was 2.80%. The male and female break up during the year was 3.09% and 2.59% respectively.

ii) Tuberculosis - Code (010-018)

There was a slight fall in death due to tuberculosis during the year, the percentage of death was 3.19%, with male and female break up 3.69% and 2.26% respectively. Previous year it was 3.50% with male and female break up 3.80% and 2.97% respectively.

iii) Other bacterial diseases - Code (020-041)

During the year it was reported 3.25% as against 2.91% in the year 1994. There was an increase in death due to other bacterial diseases. The percentage of male and female break up was 2.85% and 3.96% respectively. It was 2.76% and 3.18% during previous year.

iv) Viral Diseases - Code (045-079)

2.19% of death due to viral diseases was reported during the year with male and female break up 1.80% and 2.92% respectively. Previous year report it was 2.17% with male and female break up of 1.67% & 3.08% respectively.

v) Neoplasms - Code (140-239)

Out of the total death due of Neoplasms was 10.56% as against 9.53% in previous years. There was an increasing trend under this group. The male and female break up were 10.56% and 10.57% respectively. Previous year male and female break were 9.55% and 9.50% respectively.

vi) Diseases of Nervous system and sense of Organs - Code (320-389)

2.27% of death due to this causes was reported during the year with male and female break up of 1.80% and 3.14% respectively.

vii) Heart Diseases - Code (390-438)

Death due to heart diseases stood first in the Kozhikode corporation during the year also. The percentage of death due to Heart diseases was 20.35% during the year under report as against 23.10% in the year 1994. It was a slight fall when compared with previous year. The male and female break up of 22.28% and 16.80% respectively. It was noted that the death of male were greater than death of female.

viii) Cerebro Vascular Diseases - Code (430-438)

11.59% total death were reported during the year due to Cerebro Vascular Diseases. This diseases stood 2nd as in the previous year. The male and female break up of 11.13% and 12.44% respectively.

ix) Diseases of the Respiratory System - Code (460-519)

7.84% of total death reported due to this causes during the year with male and female break up of 8.36% and 6.88% respectively.

x) Diseases of Digestive System - Code (520-579)

During the year the percentage of death reported were 5 - 59 with the male and female break up of 6.48% and 3.96% respectively.

xi) Diseases of the Urinary System - Code (580-629)

1.92% of the total death occure due to disease of the Urinary System with the male and female share of 2.22% and 1.38% respectively.

xii) Conditions originating in Perimutal period - Code (760-779)

Condition originating in the Perimutal period is ranked as the 3rd major causes of death during the year under report with 10.95% male share and 9.96% of female share of 12.78%.

xiii) Accidents, Injuries and Poisoning - Code (800-999)

The percentage of this cause stood in the 5th place among the major causes of death in the corporation area. The percentage was 10.29% with male and female break up of 10.05 and 10.74 respectively.

xiv) Others Causes of Death

7.10% of total death was due to other cause which have not been mentioned earlier. The percentage of death among male and female were 5.73 and 9.58 respectively.

Death According of Age - Appendix II

Age-wise analysis of causes of death in the Age Group of below 1 year, 1-14 years, 15-44 years and 45 and above is depicted below.

i) Below 1 Year

16.80% of total death reported were under age-group of below one year as against 15.14% in the previous year. As in the previous year major disease in the age group was condition orginating in the perinatal period and its percentage was 64.74. Second in this group was respiratory system with 10.98% followed by Bacterial Disease 9.02%.

ii) 1-14 Year

5.73% of death was reported under this age group. The major killer in this age group was Viral Disease (15.25) followed by Accidents, injuries and poisoning 14.58%. The other important cause of deaths in this age group was Intestinal Infections disease 12.88% and Disease of respiratory system 11.53%.

iii) 15-44 Year

20.23% of the total deaths were under this age group. Accidents, injuries and poisoning stood as first in this age group and its percentage was 29.36. Heart disease was second among the major disease in this group and its percentage was 12.10 and followed by other causes, 10.56% and Neoplasma 10.08% respectively. The remaining causes of death were diseases of digestive system 8.73%. Intestinal infections disease 4.13%, Tuberculosis 3.84%, other Bacterial disease 2.69%, Viral disease 2.88%. Disease of Nervous system 3.07%, Cerebro Vascular disease 4.41%, Disease of Respiratory system 5.18% and Disease of Urinary systems 2.87%.

iv) 45 Years and above

57.24% of the total death was reported under this age group. As in the previous year major death come under the Heart disease.

30.53% against 32.58% of the previous year. Cerebro vascular disease 18.62% conditions of perinatal period 0.10%, Neoplasma 13.87, Accidents, Injuries and Poisoning 5.87%. Disease of Respiratory system 7.50% disease of Digestive system 5.74%, Intestinal infections disease 1.42%, Tuberculosis 3.83% other Bacterial disease 1.36%, Viral disease 1.15%, disease of Nervous systems 0.92%, disease of Urinary systems 1.73% and death other than mentioned above were 7.36%.

v) Domiciliary Deaths

During the year 272 domiciliary deaths were reported and verified by the Deputy Health Officer. Out of this 45 (16.54%) were Heart disease 56 (20.59%) of senility 42 (15.44%). Enteritis and gastro enteritis 34 (12.50%) Anemia 32 (11.76%) Tuberculosis 30 (11.03%) of septic anemia 17 (6.25%) Chronic Liver disease and Cirrhosis 15 (5.51%) Pneumonia Bronchitis 1 (0.36%) Viral Hepatitis were reported.

Summary

Eventhough heart disease was the major killer disease in the city during the year. The percentage of death rate due to this disease almost equal when compared to the previous year.

Conditions originality in the perinatal was the second major cause of death among of leading causes of death followed by Neoplasmas and Accidents, Injuries and Poisoning.

The most important cause of infant death was condition originating in the perinatal period 64.74%. The major cause of death in the age group of 15 - 44 were viral disease 15.25% and accidents injuries and poisoning 11.58%.

Heart disease was the major cause of death in this corporation. Deaths due to this cause were comparatively high in males than females. The percentage of death due to this cause was highest in the age group 45 and above.

Condition originating in perinatal period stood 2nd among the leading causes of death follows by Neoplasms. Deaths due to Viral diseases ranked first in the age group of 1 - 14 years followed by Accidents, Injuries and Poisoning.

In the case of instant death the major cause leading to death was the condition originating in the perinatal period (62.95%). It displays that sufficient medical development in this field is not achieved in the state.

Comparison of Major Diseases for the years 1991 to 1995

Heart disease tops in all the years. In all the years 91 to 95 death due to heart disease among males is considerably high when compared to females. A slight decrease is seen among males from 1991 to 1992. An increase of 3% of total death is shown in 1993. Thereafter for the trend is decreasing. The same trend is seen among total deaths also.

Neoplasms seen second cause of death during the year 1991. But it changed to third place in 1992, 1993 and to the fourth place in 1994 and 1995.

The percentage of deaths due to intestinal infections disease is the lowest in all the years except in 1991 under review.

The percentage of deaths due to Cerebro Vascular diseases, Neoplasms, Perinatal cases, diseases of Respiratory systems are continued in all the years without much variation.

Accidents, injuries and poisoning is another cause of death showing an increasing trend except in 1993.

Conclusion

Heart disease is the most common cause of death. Approximately about 20% of the deaths are due to heart disease. Cerebrovascular disease Neoplasms. Perinatal causes and diseases of respiratory systems are the other major causes. More than 35% of the deaths are occurred due to these four causes. Accidents, injuries and poisoning are another important causes of death. About 7% to 10% deaths are occurred due to those causes.

APPENDIX - I-A

Sex-wise details of Medically Certified deaths in Kozhikode Corporation 1993

Sl. No.	Code No.	Cause of Death	Male	%	Female	%	Total	%
1.	I (001 - 009)	Intestinal infections diseases	105	2.69	57	2.72	162	2.70
2.	I (010 - 018)	Tuberculosis	139	3.56	50	2.38	189	3.15
3.	I (020 - 041)	Other Bacterial diseases	136	3.48	81	3.86	217	3.61
4.	I (045 - 079)	Viral diseases	65	1.66	61	2.91	126	2.10
5.	II (140 - 239)	Neoplasms	370	9.47	194	9.24	564	9.39
6.	III (240 - 279)	Nutritional & Metabolic diseases	141	3.61	97	4.62	238	3.96
7.	VI (320 - 389)	Diseases of Nervous system and Sense organs	124	3.18	91	4.34	215	3.58
8.	VII (390 - 429)	Heart diseases	1050	26.88	449	21.39	1499	24.96
9.	VII (430 - 438)	Cerebro Vascular diseases	322	8.25	216	10.29	538	8.96
10.	VII (460 - 519)	Diseases of the Respiratory system	315	8.06	173	8.24	488	8.13
11.	IX (520 - 579)	Diseases of the Digestive system	306	7.83	75	3.57	381	6.35
12.	XV (760 - 779)	Conditions originating in the Perinatal period	376	9.63	281	13.39	657	10.94
13.	XVIII (800 - 999)	Accidents, Injuries & Poisoning	346	3.86	143	6.81	489	8.14
14.	Others	Allotter diseases	111	2.84	131	6.24	242	4.03
T O T A L			3901	100.00	2099	100.00	6005	100.00

APPENDIX - II-A

Statement showing the leading Causes of Death in Kozhikode Corporation in 1993 according to Age-group

Sl. No.	Code	Cause of Death	Male		Below 1 Year		Total	
			No.	%	No.	%	No.	%
1.	I (001 - 009)	Intestinal infections diseases	16	2.70	14	3.14	30	2.89
2.	I (010 - 018)	Tuberculosis	1	0.16	1	0.22	2	0.19
3.	I (020 - 041)	Other Bacterial diseases	65	10.96	35	7.85	100	9.63
4.	I (045 - 079)	Viral diseases	-	-	2	0.45	2	0.19
5.	II (140 - 239)	Neoplasms	2	0.34	4	0.90	6	0.58
6.	III (240 - 279)	Nutritional & Metabolic diseases	3	0.51	1	0.22	4	0.38
7.	VI (320 - 389)	Diseases of Nervous system and Sense Organs	51	5.23	24	5.38	55	5.29
8.	VII (390 - 429)	Heart diseases	8	1.35	2	0.45	10	0.96
9.	VII (430 - 438)	Cerebro vascular diseases	3	0.51	-	-	3	0.29
10.	VII (460 - 519)	Diseases of the Respiratory system	67	11.30	62	13.90	129	12.42
11.	IX (520 - 519)	Diseases of the Digestive system	4	0.67	2	0.45	6	0.58
12.	XV (760 - 779)	Conditions originating in the perinatal period	373	62.90	281	63.00	654	62.95
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	-	-	2	0.45	2	0.19
14.	Others		20	3.37	16	3.59	36	3.46
T O T A L			593	100.00	446	100.00	1039	100.00

(contd..)

Contd.. Appendix - II-A

Sl. No.	Code	Cause of Death	Male		1 - 4 Years		Female		Total	%
			No.	%	No.	%	No.	%		
1.	I (001 - 009)	Intestinal infections diseases	35	16.51	14	9.40	49	13.57		
2.	I (010 - 018)	Tuberculosis	5	2.36	4	2.68	9	2.49		
3.	I (020 - 041)	Other Bacterial diseases	14	6.60	11	7.38	25	6.93		
4.	I (045 - 079)	Viral diseases	29	13.68	30	20.13	59	16.34		
5.	II (140 - 239)	Neoplasms	17	8.02	15	10.07	32	8.86		
6.	III (240 - 279)	Nutritional & Metabolic diseases	1	0.47	-	-	1	0.28		
7.	VI (320 - 389)	Diseases of Nervous system and Sense Organs	17	8.02	12	8.05	29	8.03		
8.	VII (390 - 429)	Heart diseases	8	3.77	3	2.01	11	3.05		
9.	VII (430 - 438)	Cerebrovascular diseases	4	1.39	-	-	4	1.11		
10.	VII (460 - 519)	Diseases of the Respirating system	29	13.68	18	12.08	47	13.02		
11.	IX (520 - 519)	Diseases of the Digestive system	11	5.19	8	5.37	19	5.26		
12.	XV (790 - 779)	Conditions originating in the perrinatel period	-	-	-	-	-	-		
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	30	14.15	21	14.10	51	14.13		
14.		Others	12	5.66	73	8.73	25	6.93		
T O T A L			212	100.00	149	100.00	361	100.00		

(contd..)

Contd.. Appendix - II-A

Sl. No.	Code	Cause of Death	15 - 44 Years				Total	%
			Male	%	Female	%		
1.	I (001 - 009)	Intestinal infections diseases	34	5.02	13	3.16	47	4.32
2.	I (010 - 018)	Tuberculosis	32	4.73	15	3.65	47	4.32
3.	I (020 - 041)	Other Bacterial diseases	28	4.14	17	4.13	45	4.13
4.	I (045 - 079)	Viral diseases	14	2.07	14	3.41	28	2.57
5.	II (140 - 239)	Neoplasms	64	9.45	57	13.87	121	11.12
6.	III (240 - 279)	Nutritional & Metabolic diseases	11	1.62	11	2.68	22	2.02
7.	VI (320 - 389)	Diseases of Nervous system and Sense Organs	34	5.02	21	5.11	55	5.05
8.	VII (390 - 429)	Heart diseases	90	13.30	49	11.92	139	12.78
9.	VII (430 - 438)	Cerebro Vascular diseases	22	3.25	8	1.95	30	2.76
10.	VII (460 - 519)	Diseases of Respiratory system	54	7.98	29	7.06	83	7.63
11.	IX (520 - 579)	Diseases of the Digestive system	79	11.67	18	4.38	97	8.92
12.	XV (760 - 779)	Conditioned originating in the perinatal period	-	-	-	-	-	-
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	182	26.88	88	21.41	270	24.82
14.		Others	33	4.87	71	17.27	104	9.56
T O T A L			677	100.00	411	100.00	1088	100.00

T O T A L

(contd..)

Contd.. Apendix - II-A

Sl.

No.	Code	Cause of Death	Male		Above 45 Years		Total	%
				%	Female	%		
1.	I (001 - 009)	Intestinal infections diseases	20	0.82	16	1.46	36	1.02
2.	I (010 - 018)	Tuberculosis	101	4.17	30	2.74	131	3.72
3.	I (020 - 041)	Other Bacterial diseases	29	1.20	18	1.64	47	1.34
4.	I (045 - 079)	Viral diseases	22	0.91	15	1.37	37	1.05
5.	II (140 - 239)	Neoplasms	287	11.84	118	10.80	405	11.52
6.	III (240 - 279)	Nutritional & Metabolic diseases	126	5.19	85	7.78	211	6.00
7.	VI (320 - 389)	Diseases of Nervous system and Sense Organs	42	1.73	34	3.11	76	2.16
8.	VII (390 - 429)	Heart diseases	944	38.94	395	36.14	1339	38.07
9.	VII (430 - 438)	Cerebro Vascular diseases	293	12.81	208	19.03	501	14.25
10.	VII (460 - 519)	Diseases of Respiratory system	165	6.81	64	5.86	229	6.51
11.	IX (520 - 579)	Diseases of the Digestive system	212	8.75	47	4.30	259	7.36
12.	XV (760 - 779)	Conditioned originating in the perinatal period	3	0.12	-	-	3	0.09
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	134	5.53	32	2.93	166	4.72
14.		Others	46	1.90	31	2.84	77	2.19
T O T A L			2424	100.00	1093	100.00	3517	100.00

APPENDIX - I-B

Sex-wise details of Medically Certified Death in Kozhikode Corporation - 1994

Sl. No.	Code	Cause of Death	Male		Female		Total	
			Nos.	%	Nos.	%	Nos.	%
1.	I (001 - 009)	Intestinal infections diseases	85	2.50	63	3.35	148	2.80
2.	I (010 - 018)	Tuberculosis	129	3.80	56	2.97	185	3.50
3.	I (020 - 041)	Other Bacterial diseases	94	2.76	60	3.18	154	2.91
4.	I (045 - 079)	Viral diseases	57	1.67	58	3.08	115	2.17
5.	II (140 - 239)	Neoplasms	325	9.55	179	9.50	504	9.53
6.	III (240 - 279)	Nutritional & Metabolic diseases immunity diseases	-	-	-	-	-	-
7.	VI (320 - 389)	Diseases of Nervous system and sense of organ	64	1.88	40	2.12	104	1.97
8.	VII (390 - 429)	Heart diseases	879	25.82	343	18.17	1222	23.10
9.	VII (430 - 438)	Cerebro Vascular diseases	403	11.84	268	14.21	671	12.68
10.	VIII (460 - 519)	Diseases of the Respiratory system	254	7.46	123	6.52	377	7.13
11.	IX (520 - 579)	Diseases of the Digestive system	208	6.11	65	3.45	273	5.16
12.	IV (760 - 779)	Condition originating in the perinatal period	303	8.90	249	13.20	552	10.43
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	316	9.28	156	8.27	472	8.92
14.		Others	287	8.43	226	11.98	513	9.70
T O T A L			3404	100.00	1886	100.00	5290	100.00

APPENDIX - II-B

Showing leading Causes of Death in Kozhikode Corporation in 1994 according to Age group

Sl. No.	Code	Causes of Death	Male		Below 1 Year		Total	%
			No.	%	No.	%		
1.	I (001 - 009)	Intestinal infections diseases	9	2.07	13	3.55	22	2.75
2.	I (010 - 018)	Tuberculosis	1	0.23	1	0.27	2	0.25
3.	I (020 - 041)	Other Bacterial diseases	38	8.75	18	4.90	56	7.00
4.	I (045 - 079)	Viral diseases	2	0.46	2	0.55	4	0.50
5.	II (140 - 239)	Neoplasms Nutritional Metabolic	2	0.46	1	0.27	3	0.37
6.	III (240 - 279)	Culosis and Immunity	-	-	-	-	-	-
7.	VI (320 - 389)	Diseases of Nervous system and Sense of organs	21	4.85	18	4.90	39	4.87
8.	VII (390 - 479)	Heart diseases	9	2.07	6	1.63	15	1.87
9.	VII (430 - 438)	Cerebro Vascular diseases	1	0.23	1	0.27	2	0.25
10.	VII (460 - 519)	Diseases of Respiratory system	31	7.15	37	10.08	68	8.49
11.	IX (570 - 579)	Diseases of Digestive system	3	0.69	6	1.63	9	1.12
12.	XV (760 - 779)	Condition originating in the perinatal period	302	69.58	249	67.85	551	68.79
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	1	0.23	2	0.55	3	0.37
14.		Others	14	3.23	13	3.55	27	3.37
T O T A L			434	100.00	367	100.00	801	100.00

(contd..)

Contd.. Appendix - II-B

Sl. No.	Code	Causes of Death	1 - 14 Years					
			Male	%	Female	%		
1.	I (001 - 009)	Intestinal infections diseases	17	14.05	18	15.25	35	14.64
2.	I (010 - 018)	Tuberculosis	-	-	4	3.39	4	1.67
3.	I (020 - 041)	Other Bacterial diseases	5	4.13	15	12.71	20	8.37
4.	I (045 - 079)	Viral diseases	18	14.87	17	14.41	35	14.64
5.	II (140 - 239)	Neoplasms Nutritional Metabolic	13	10.74	10	8.47	23	9.62
6.	III (240 - 279)	Culosis and Immunity	-	-	-	-	-	-
7.	VI (320 - 389)	Diseases of Nervous system and Sense of Organs	7	5.78	8	6.78	15	6.28
8.	VII (390 - 479)	Heart diseases	2	1.66	5	4.24	7	2.93
9.	VII (430 - 438)	Cerebro Vascular diseases	1	0.83	1	0.85	2	0.84
10.	VII (460 - 519)	Diseases of Respiratory system	12	9.92	7	5.93	19	7.95
11.	IX (570 - 579)	Diseases of Digestive system	6	4.96	3	2.56	9	3.77
12.	XV (760 - 779)	Condition originating in the perinatal period	-	-	-	-	-	-
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	27	22.32	22	18.65	49	20.50
14.		Others	13	10.74	8	6.78	21	8.79
T O T A L			121	100.00	118	100.00	239	100.00

(contd...)

Contd.. Appendix - II-B

Sl. No.	Code	Causes of Death	15 - 44					
			Male	%	Female	%		
1.	I (001 - 009)	Intestinal infections diseases	29	4.92	17	4.24	46	4.65
2.	I (010 - 018)	Tuberculosis	32	5.43	19	4.74	51	5.15
3.	I (020 - 041)	Other Bacterial diseases	12	2.04	10	2.49	22	2.22
4.	I (045 - 079)	Viral diseases	17	2.89	20	4.99	37	3.75
5.	II (140 - 239)	Neoplasms	64	10.87	47	11.72	111	11.21
6.	III (240 - 279)	Culosis and Immunity	-	-	-	-	-	-
7.	VI (320 - 389)	Diseases of Nervous system and Sense organs	15	2.55	8	2.00	23	2.32
8.	VII (390 - 429)	Heart diseases	97	16.47	41	10.22	138	13.94
9.	VII (430 - 438)	Cerebro Vascular diseases	26	4.41	18	4.49	44	4.44
10.	VII (460 - 519)	Diseases of Respiratory system	37	6.28	18	4.49	55	5.56
11.	IX (520 - 579)	Diseases of Digestive System	41	6.96	19	4.74	60	6.06
12.	XV (760 - 779)	Condition originating in perinatal period	1	0.17	-	-	1	0.10
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	161	27.33	89	22.19	250	25.25
14.		Others	57	9.68	95	23.69	152	15.35
T O T A L			589	100.00	401	100.00	990	100.00

(contd..)

Sl. No.	Code	Causes of Death	Male		45 and above		Total	
			No.	%	No.	%	No.	%
1.	I (001 - 009)	Intestinal infections diseases	30	1.33	15	1.50	45	1.38
2.	I (010 - 018)	Tuberculosis	96	4.25	32	3.20	128	3.93
3.	I (020 - 041)	Other Bacterial diseases	39	1.73	17	1.70	56	1.72
4.	I (045 - 079)	Viral diseases	20	0.88	19	1.90	39	1.20
5.	II (140 - 239)	Neoplasms	246	10.88	121	12.10	367	11.25
6.	III (240 - 279)	Culosis and Immunity	-	-	-	-	-	-
7.	VI (320 - 389)	Diseases of Nervous system and Sense organs	21	0.93	6	0.60	27	0.83
8.	VII (390 - 429)	Heart diseases	771	34.12	291	29.10	1062	32.58
9.	VII (430 - 438)	Cerebro Vascular diseases	375	16.59	248	24.50	623	19.11
10.	VII (460 - 519)	Diseases of Respiratory system	174	7.70	61	6.10	235	7.21
11.	IX (520 - 579)	Diseases of Digestive system	158	6.99	37	3.70	195	5.98
12.	XV (760 - 779)	Conditions originating in perinatal period	-	-	-	-	-	-
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	127	5.62	43	4.30	170	5.21
14.		Others	203	8.98	110	11.00	313	9.60
T O T A L			2260	100.00	1000	100.00	3260	100.00

APPENDIX - I-C

Sex-wise details of Medically Certified Death in Kozhikode Corporation - 1995

Sl. No.	Code	Causes of Death	Male	%	Female	%	Total	%
1.	I (001 - 009)	Instestinal infections diseases	103	3.09	47	2.59	150	2.91
2.	I (010 - 018)	Tuberculosis	123	3.69	41	2.26	164	3.19
3.	I (020 - 041)	Other Bacterial diseases	95	2.85	72	3.96	167	3.25
4.	I (045 - 079)	Viral diseases	60	1.80	53	2.92	113	2.19
5.	II (140 - 239)	Neoplasms	352	10.56	192	10.57	544	10.56
6.	III (320 - 389)	Diseases of Nervous system and Sense of organs	60	1.80	57	3.14	117	2.27
7.	VI (390 - 429)	Heart diseases	743	22.28	305	16.80	1048	20.35
8.	VII (430 - 438)	Ceribro Vascular diseases	371	11.13	226	12.44	597	11.59
9.	VII (460 - 519)	Diseases of Respiratory system	279	8.36	125	6.88	404	7.84
10.	VII (520 - 579)	Diseases of Digestive system	216	6.48	72	3.96	288	5.59
11.	IX (580 - 629)	Diseases of Urinary system	74	2.22	25	1.38	99	1.92
12.	XV (760 - 779)	Conditions originating in perinatal period	332	9.96	232	12.78	564	10.95
13.	XVII (800 - 999)	Accidents	335	10.05	195	10.74	530	10.29
14.		Others	191	5.73	174	9.58	365	7.10
T O T A L			3334	100.00	1816	100.00	5150	100.00

APPENDIX - II-C

Statement showing the leading Causes of Death in Kozhikode Corporation in 1995 according to Age

Sl. No.	Code	Causes of Death	Male		Below 1 Year		Total	
			No.	%	No.	%	No.	%
1.	I (001 - 009)	Intestinal infections diseases	21	4.07	6	1.72	27	3.12
2.	I (010 - 018)	Tuberculosis	1	0.19	1	0.29	2	0.23
3.	I (020 - 041)	Other Bacterial diseases	46	8.92	32	9.17	78	9.02
4.	I (045 - 079)	Viral diseases	1	0.19	3	0.86	4	0.46
5.	II (140 - 239)	Neoplasms	4	0.78	1	0.29	5	0.58
6.	III (320 - 389)	Diseases of Nervous system and Sense organs	17	3.29	17	4.87	34	3.94
7.	VI (390 - 429)	Heart diseases	7	1.36	7	2.00	14	1.62
8.	VII (430 - 438)	Cerebro Vascular diseases	-	-	1	0.29	1	0.11
9.	VII (460 - 519)	Diseases of Respiratory system	56	10.85	39	11.17	9	10.98
10.	VII (520 - 579)	Diseases of Digestive system	7	1.36	4	1.14	11	1.27
11.	IX (580 - 629)	Diseases of Urinary system	5	0.97	1	0.29	6	0.69
12.	XV (760 - 779)	Conditions originating in perinatal period	330	63.95	230	65.90	560	64.74
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	1	0.19	7	2.01	8	0.93
14.		Others	20	3.88	-	-	20	2.31
T O T A L			516	100.00	349	100.00	865	100.00

(contd..)

Contd.. Appendix - II-C

Sl. No.	Code	Causes of Death	1 - 14 Years					
			Male	%	Female	%		
1.	I (001 - 009)	Intestinal infections diseases	19	11.59	19	14.50	38	12.88
2.	I (010 - 018)	Tuberculosis	5	3.05	4	3.05	9	3.05
3.	I (020 - 041)	Other Bacterial diseases	11	6.70	10	7.64	21	7.12
4.	I (045 - 079)	Viral diseases	25	15.24	20	15.27	45	15.25
5.	II (140 - 239)	Neoplasms	12	7.31	13	9.92	25	8.47
6.	III (320 - 389)	Diseases of Nervous system and Sense organs	15	9.15	9	6.87	24	8.14
7.	VI (390 - 429)	Heart diseases	34	2.44	4	3.05	8	2.71
8.	VII (430 - 438)	Cerebro Vascular diseases	-	-	1	0.77	1	0.34
9.	VII (460 - 519)	Diseases of Respiratory system	17	10.37	17	12.98	34	11.53
10.	VII (520 - 579)	Diseases of Digestive system	8	4.88	9	6.87	17	5.76
11.	IX (580 - 629)	Diseases of Urinary system	12	7.32	-	-	12	4.07
12.	XV (760 - 779)	Conditions of Originating in perinatal period	-	-	-	-	-	-
13.	XVII (800 - 999)	Accidents, Injuries & Poisoning	25	15.24	18	13.74	43	14.58
14.		Others	11	6.71	7	5.34	18	6.10
T O T A L			164	100.00	131	100.00	295	100.00

(contd..)

Contd.. Appndix - II-C

S1.

15 - 44

No.	Code	Causes of Death	Male		Female		Total	
			%	%	%	%		
1.	I (001 - 009)	Intestinal infections diseases	36	5.86	7	1.64	43	4.13
2.	I (010 - 018)	Tuberculosis	28	4.56	12	2.80	40	3.84
3.	I (020 - 041)	Other Bacterial diseases	11	1.79	17	3.97	28	2.69
4.	I (045 - 079)	Viral diseases	13	2.12	17	3.97	30	2.88
5.	II (140 - 239)	Neoplasms	61	9.94	44	10.28	105	10.08
6.	III (320 - 389)	Diseases of Nervous system and Sense organs	14	2.28	18	4.21	32	3.07
7.	VI (390 - 429)	Heart diseases	90	14.66	36	8.41	126	12.10
8.	VII (430 - 438)	Cerebro Vascular diseases	33	5.37	13	3.04	46	4.41
9.	VII (460 - 519)	Diseases of Respiratory system	38	6.19	16	3.74	54	5.18
10.	VII (520 - 579)	Diseases of Digestive system	70	11.41	21	4.91	91	8.73
11.	IX (580 - 629)	Diseases of Urinary system	21	3.42	9	2.10	30	2.87
12.	XV (760 - 779)	Conditions originating in perinatal period	1	0.16	-	-	1	0.10
13.	XVII (800 - 999)	Accidents, Injuries & Poisonings	179	29.15	127	29.67	306	29.36
14.		Others	19	3.09	91	21.26	110	10.56
T O T A L			614	100.00	428	100.00	1042	100.00

(contd..)

Contd.. Appendix - II-C

Sl. No.	Code	Causes of Death	45 and above				Total	%		
			Male	%	Female	%				
1.	I (001 - 009)	Intestinal infections diseases	27	1.32	15	1.65	42	1.42	150	2.91
2.	I (010 - 018)	Tuberculosis	89	4.36	24	2.64	113	3.83	164	3.19
3.	I (020 - 041)	Other Bacterial diseases	27	1.33	13	1.43	40	1.36	167	3.25
4.	I (045 - 079)	Viral diseases	21	1.03	13	1.43	34	1.15	113	2.19
5.	II (140 - 239)	Neoplasms	275	13.48	134	14.76	509	13.87	544	10.56
6.	III (320 - 389)	Diseases of Nervous system and Sense organs	14	0.69	13	1.43	27	0.92	117	2.27
7.	VI (390 - 429)	Heart diseases	642	31.47	258	28.41	900	30.53	1048	20.35
8.	VII (430 - 438)	Cerebro Vascular diseases	338	16.57	211	23.24	549	18.62	597	11.59
9.	VII (460 - 519)	Diseases of Respiratory system	168	8.24	53	5.84	221	7.50	404	7.84
10.	VII (520 - 579)	Diseases of Digestive system	131	6.42	38	4.19	169	5.74	288	5.59
11.	IX (580 - 629)	Diseases of Urinary system	36	1.76	15	1.65	51	1.73	99	1.92
12.	XV (760 - 779)	Conditions originating in Perinatal system	1	0.05	2	0.22	3	0.10	564	10.95
13.	XVII (800 - 999)	Accidents, Injuries and Poisonings	130	6.37	43	4.74	173	5.87	530	10.29
14.		Others	141	6.91	76	8.37	217	7.36	365	7.09
T O T A L			2040	100.00	908	100.00	2948	100.00	5150	100.00

APPENDIX - III-ADomiciliary Deaths in Kozhikode Corporation in 1993

Sl. No.	Name of the disease	Male	Female	Total
1.	Enterites and Gastro Enterites	20	11	31
2.	Pulmonary Tuberculosis	16	11	27
3.	Septecemia	15	8	23
4.	Diabetic Mellitus	10	9	19
5.	Neoplasms	1	3	4
6.	Anemia	10	13	23
7.	Heart Diseases	28	10	38
8.	Pneumonia and Bronchites	18	16	34
9.	Cirrroses of Liver	16	4	20
10.	Serility and Ill defined condition	30	16	46
T O T A L		164	101	265

APPENDIX - III-BDomiciliary Death in Kozhikode Corporation in 1994

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S1				
No.	Name of diseases	Male	Female	Total
1.	Enterites and Gastro Enterites	28	10	38
2.	Pulmonary Tuberculosis	19	12	31
3.	Septicemia	12	14	26
4.	Diabetic Mellitus	2	0	2
5.	Neoplasms	2	2	4
6.	Anemia	15	18	33
7.	Heart Diseases	30	13	43
8.	Pneumonia and Bronchites	21	10	31
9.	Cirrhoses of Liver	14	6	20
10.	Serility and Ill defined condition	35	26	61

T O T A L		178	111	289
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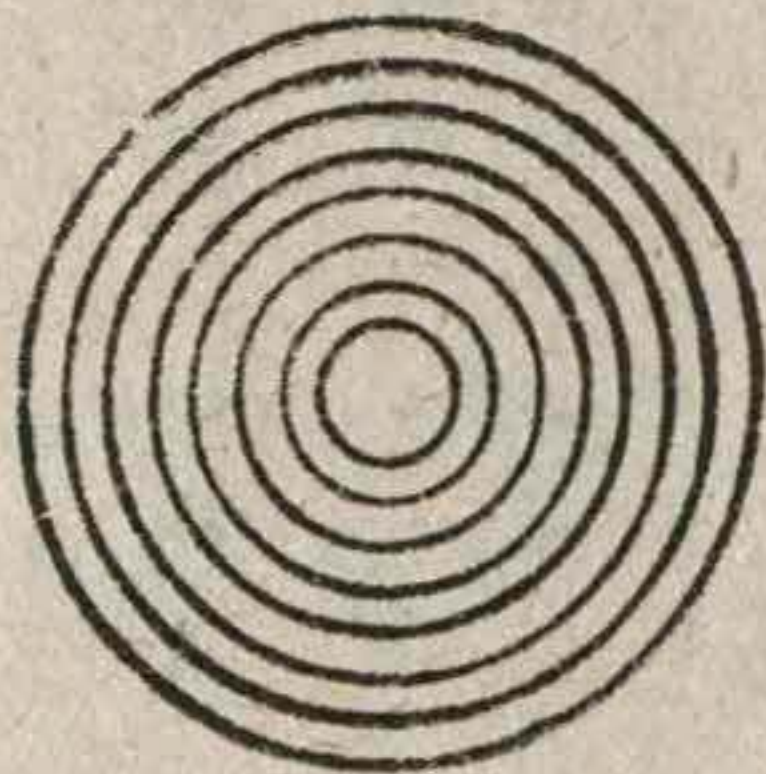
APPENDIX - III-CDomiciliary Deaths in Kozhikode Corporation in 1995

Sl. No.	Name of diseases	Male	Female	Total
1.	Enterites and Gastro Enterites	27	15	42
2.	Pulmonary Tuberculosis	18	14	32
3.	Septicemia	12	18	30
4.	Viral Hepatitis	1	-	-
5.	Neoplasms	-	-	-
6.	Anemia	16	18	34
7.	Heart diseases	28	17	45
8.	Pneumonia and Bronchitis	9	6	15
9.	Chronic Liver diseases & Cirrhosis	14	3	17
10.	Serility and Ill defined condition	30	26	56
TOTAL		155	117	272

APPENDIX - IV

Comparative study of leading cause of Death (Sex-wise during the years 1991 to 1995)
in Kozhikode Corporation

Causes of Death	1991		1992		1993		1994		1995						
	M	F	M	F	M	F	M	F	M	F					
Heart diseases	23.52	18.49	21.78	23.49	16.70	21.12	26.88	21.39	24.96	25.82	18.17	23.10	22.28	16.80	20.35
Cerebrovascular diseases	8.49	7.42	8.12	8.26	11.11	9.26	8.25	10.20	8.96	11.84	14.21	12.68	11.13	12.44	11.59
Neoplasms	10.32	9.51	10.05	10.54	8.29	9.76	9.47	9.24	9.39	9.55	9.50	9.53	10.56	10.57	10.56
Perinatal causes	8.83	11.88	9.88	8.94	11.52	9.84	9.63	13.39	10.94	8.90	13.20	10.43	9.96	12.78	10.95
Diseases of Re-respirating systems	8.68	9.22	8.86	7.96	8.52	8.15	8.06	8.24	8.13	7.46	6.52	7.13	8.36	6.88	7.84
Tuberculosis	3.94	2.72	3.52	3.76	1.90	3.11	3.56	2.38	3.15	3.80	2.97	3.50	3.69	2.26	3.19
Other bacterial diseases	3.79	4.81	4.14	3.48	4.20	3.73	3.48	3.86	3.61	2.76	3.18	2.91	2.85	3.96	3.25
Intestinal infections diseases	3.08	5.10	3.78	2.31	3.84	2.67	2.69	2.72	2.70	2.50	3.35	2.80	3.09	2.59	2.91
Accidents, Injuries, and Poisoning	8.28	7.30	7.94	10.33	8.35	9.64	8.86	6.81	8.14	9.28	8.27	8.92	10.05	10.74	10.29



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മനവീയം
manavilyam



നമുക്കൊരുമിക്കാം; പുതിയ സഹസ്രാബ്ദത്തെ വരവേല്ക്കാം